

Multiple Sewershed Package 2A

Pre-Bid Meeting
August 1, 2018

Juan Gomez, Ph.D., P.E.

Engineering Manager, SAWS

David Gonzales

Manager – Construction Management, SAWS

Jessica GoForth

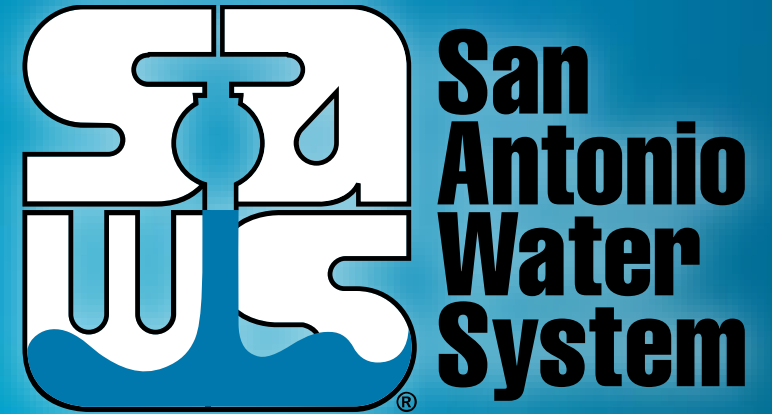
Contract Administrator, SAWS

Marisol V. Robles

SMWVB Program Manager, SAWS

Mark Roetzel, P.E., RPLS

Project Engineer of Record, CDS Muery



MAKING SAN ANTONIO
WATERFUL



Meeting Agenda

- Project Overview
- Oral Statements
- Miscellaneous Items
- Contract Requirements
- Required Experience
- SMWVB
- Bid Packet Preparation
- Additional Reminders
- Communication
- Key Dates
- Additional Project Information
- Work within CoSA Parks
- Special Conditions
- Unique Project Challenges
- Coordination with Stakeholders and Property Owners

Project Overview

Multiple Sewershed Package 2A

- CIPP rehab of approximately 14,900 LF of existing 24” through 84” gravity sewer main
- Partial demolition and repair/replacement of concrete structures
- Project is located at 7 separate sites
- Small diameter (≤ 24 inches) CIPP
- Large diameter (≥ 54 inches) CIPP
- 540 calendar days
- Construction estimate is \$26,778,513

Project Overview

Multiple Sewershed Package 2A

- Small and Large bypass pumping operations
- Complex sequencing of construction activities
- This is an EPA consent decree project
- As a CD Project, it requires additional reporting and retention of documents (see Special Conditions)

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.

Pre-Bid Meeting

- Non-mandatory pre-bid meeting
- Attendees should sign-in
- Sign-in sheet will be posted on SAWS website
- Planholder's list may be found on the SAWS website as well

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 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
 - Bidders insurance should be compliant for current SAWWS Projects
 - Lowest Responsible Bidder will need to submit certificate of insurance prior to Board award
- Weekly reporting of subcontractor payments using the Subcontractor Payment Utilization Reporting (SPUR) system
- Submittals and invoicing will be handled through CPMS
- This is an EPA Consent Decree project

Required Experience

- Contractor Shall have large CIPP experience and self-perform work (no Subcontractor for CIPP work allowed).
- Contractor (or Sub) must have large structure repair and reconstruction experience.
- Contractor (or Sub) must have large (≥ 20 mgd) bypass experience.
- Contractor's Superintendent must have at least 10 years of similar project experience.
- 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 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"/>		<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 _____



Bid Packet Preparation

- Utilize the Bid Packet Checklist
- SAWS is requesting that the Statement of Bidder's Experience be completed and included
 - Self verify experience by reviewing and checking each of the boxes
 - Complete all requested information
 - A-1 and A-2 are completed by the contractor; B-1 by the subcontractor
 - References and contact email and phone number should be verified prior to submitting bid(s)
 - See attached is not an acceptable answer
 - Incomplete information may result in a non-responsive bid

Example of Statement of Bidder's Experience Form

SAWS Solicitation No. CO-00146

A. Please check the applicable boxes, and complete all the fields, below. In addition, please provide the supplemental information requested for each submitted project.

If all fields are not completed and boxes not checked, the Bid is at risk for being rejected due to non-responsiveness. It is not acceptable to indicate "See attached."

Project A-1 is to have been completed by the Bidder (not by subcontractors).

- Project A-1 contains CIPP of at least 54" diameter.
- Project A-1 contains CIPP of at least 2,000 feet in total length.
- Project A-1 contains individual CIPP installations of at least 1,000 feet segment length.
- Project A-1 was completed within 2013 - 2018.
- Project A-1 can provide an owner reference for the firm, validating the boxes above.

Project A-1 Description

Name of Project: _____ Location: _____

Type of Work: _____

Pipe Sizes: _____ Pipe Lengths: _____

Reference Name: _____ Reference Title: _____

Reference Phone Number: _____ Construction Cost: _____

Project Start Date: _____ Project End Date: _____

Project Description: _____

Additional Information: _____

Bid Packet Preparation *(cont.)*

- Double check all mathematical calculations and verify all extensions (68 line items for this bid)
- Ensure mobilization (10% cap) and ROW (5%) cap are calculated correctly
- Acknowledge all Addendums on the Bid Proposal itself (check website before submitting a bid)
- Apparent low bidder will submit financial statement, W-9, company information packet and statement of ability to complete work within 24 hours of the bid opening

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.


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.

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

- Aug. 13, 2018 by 4:00 PM
- Aug. 16, 2018 by 10:00 AM
- Aug. 24, 2018 by 10:00 AM
- September 2018
- September 2018
- October 2, 2018
- October 2018

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 CDT Friday, August 24, 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 if mailing a response to this solicitation
 - Late responses will not be accepted and will be returned unopened

Contract Background

- Preliminary Traffic Control Plans are included in the plan set.
- A detailed Bypass Pumping Plan for peak wet flow 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
 - Final Traffic control plan
 - Construction Schedule
 - Pre-site video
 - 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 (City of San Antonio, TxDOT, 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.

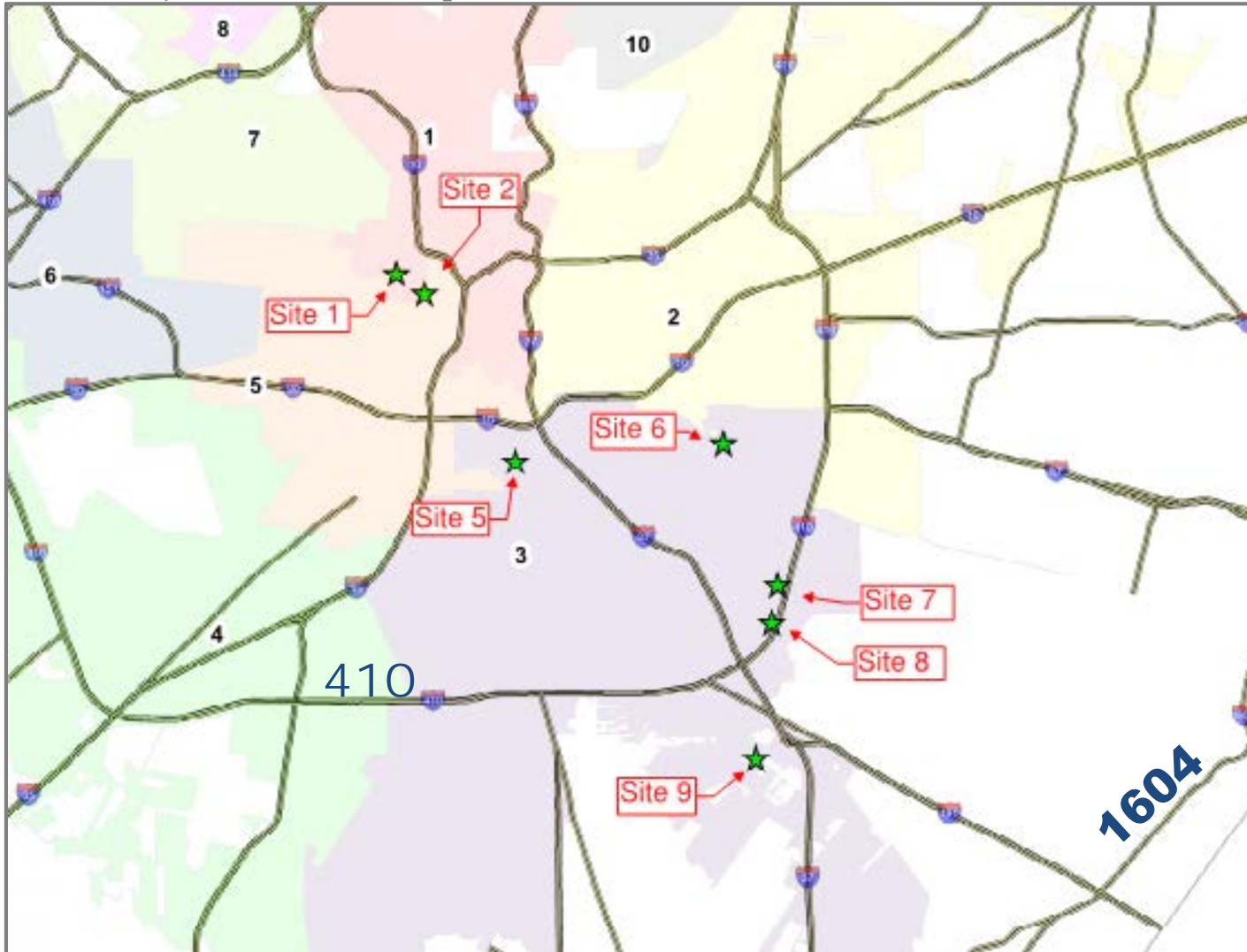
Contract Background

- 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 CoSA and/or TxDOT.
- Change orders, if any, will be based on negotiated prices not in the bid proposal.
 - Negotiated using RS Means

Work within CoSA Parks

- Coordination
- Advanced notice prior to construction
- Stay within the limits of the Joint Use Agreement
- Signage and notices to park users
- Temporary fencing and screen mesh fabric
- Closure of trails and temporary relocation
- Restoration
- Work outside “normal” working hours

Project Map



• Seven (7) Project Site Locations

- Site 1 (N. Navidad St. – 315 LF of 27")
- Site 2 (N. Brazos St. – Str. Rcnstr.)
- Site 5 (Roosevelt Ave. 400 LF of 24")
- Site 6 (Lions Park, 6,231 LF of 54", 30 LF of 60", 3,127 LF of 66", Structure Repairs)
- Site 7 (Republic GC – Str. Rcnstr.)
- Site 8 (Loop 410S – 2,839 LF of 60", 1,359 LF of 72", Structure Repairs)
- Site 9 (S. Bluewing Rd. – 298 LF of 60", 305 LF of 84", Structure Repair & Replacement)

Contract Requirements

Special Provisions

- Item 100 – Mobilization: Establishes pro-rated Mobilization payment distribution between 7 sites. Establishes Intermediate Demobilization and Remobilization bid item if elected by SAWS, including definition of related temporary bypass pumping activities during SAWS-authorized demobilizations.
- Item 101 – Prep ROW: Establishes pro-rated payment for Prep ROW distributed across 7 Sites.

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. Deletes Raven 405 epoxy.
- Item 864 – Bypass Pumping, large Diameter Sanitary Sewers: Establishes extended Bypass Pumping equipment rental, fuel, and watch payment items if needed in association with SAWWS-approved intermediate demobilization. Requires pumped bypass of Peak Wet-Weather Flows.
- Other Special Provisions as described
- Other Items as described

Contract Requirements

Special Specifications

- Item SP-553 – SWP3: Establishes storm water pollution prevention plan requirements. Establishes Lump Sum payment and related pro-rated distribution between sites.
- Item SP-85 IS – 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 SP-910 – Manhole Rehabilitation: Establishes requirements for rehab of existing manholes. Establishes Unit Pricing for circular MHs (VF) or non-circular MHs (SF).

Contract Requirements

Supplemental Conditions

- Liquidated damages (LDs) for final completion extending beyond contract time will be assessed at a rate of:
\$1,800 per Day
- Includes any other supplemental conditions pertinent to the project.

Contract Background

Special Conditions

- Contractor shall meet requirements of USEPA Consent Decree.
- Existing structures interior videos available from SAWWS.
- Contractor shall comply with Right-of-Entry (ROE) Work durations and completion milestone dates defined, and perform Work within permanent easements and construction access areas defined, with Work to be completed between 6AM and 8PM. 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

- Seven (7) Project Sites. Multiple Project Sites may be under construction concurrently at Contractor's discretion.
- 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.
- Large flow by-pass pumping required. May be phased or sequenced at several large flow Sites (6, 8 and 9) as desired and defined in Contractor's approved Bypass Plan.
- CIPP installation may be phased or sequenced as desired and defined in Contractor's approved CIPP Installation Plan and Project Schedule.

Project Details

- Major structure repairs included at Sites 6, 8 and 9:
 - Lid (or complete) demolition;
 - Demolition of interior gates;
 - Interior surfaces repairs;
 - New interior weir walls and slide plate frames;
 - New lids (or complete structure) construction;
 - Interior protective coatings;
 - Perimeter bollards;
 - Furnishing new removable slide plates.
 - Payment is by the Each (EA) for each structure defined.

Project Details

- Preliminary 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 (R&Cs) to include UltraWear protective heat treatment system.
- Not required for Project MH replacement R&Cs elsewhere.

Site I – N. Navidad

- CIPP rehab of 315 LF, 27” RCP
- Reconstruct 2 MHs, Replace 1 MH.
- Temp doghouse MHs reqd at US and mid line.
- Bypass pumping required.
- Point repair and 12 lateral reconnections.
- Pavement repair and traffic control required
- Work to be completed in accordance with CoSA Floodplain Development Permit.



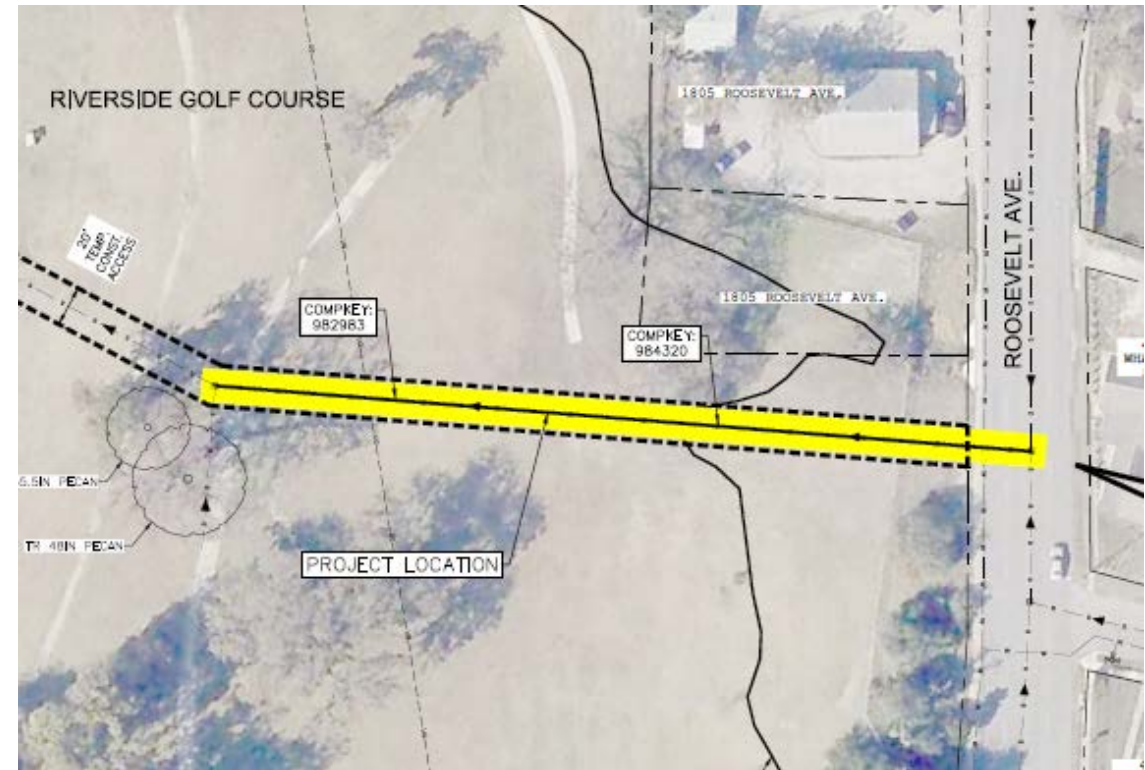
Site 2 – N. Brazos

- Reconstruct 2 MHs and associated siphon outlet structure below.
- Bypass pumping required. Martinez Creek crossing.
- Right of Entry agreement with CoSA's Las Moras Yard.
- Pavement repair and traffic control required
- Work to be completed in accordance with CoSA Floodplain Development Permit.



Site 5 – Roosevelt Ave.

- CIPP rehab of 400 LF, 24” VCP, Reconstruct 1 MH, Rehab 1 MH.
- Bypass pumping required. TxDOT permit requirements apply.
- Work is inside CoSA Riverside Golf Course, special provisions and restrictions apply. Access is from southern maintenance drive gate. No vehicle traffic above shallow VCP.



Site 6 – Lions Park

- CIPP rehab of 6,231 LF of 54” RCP; 30LF of 60”RCP, 3,127 LF of 66” RCP.
- Work to be completed in accordance with CoSA Floodplain Development Permit.

South Segment:

- Repair of 3 large siphon inlet structures.
- Reconstruct 3 MHs.
- Large flow bypass pumping to DS siphon outlet structures by Pecan Grove Dr.
- Inside residential property – special safety requirements.



Site 6 – Lions Park

Center Segment:

- Minor Repair of 1 large flow junction structure.
- Reconstruct 2 MHs.
- Bypass pumping routed below Salado Creek bridge at Roland Ave.
- Bypass pumping routed through temporary gate/cattle guard at private property drive entry on Roland Ave.
- Traffic control required at Roland Ave.



Site 6 – Lions Park

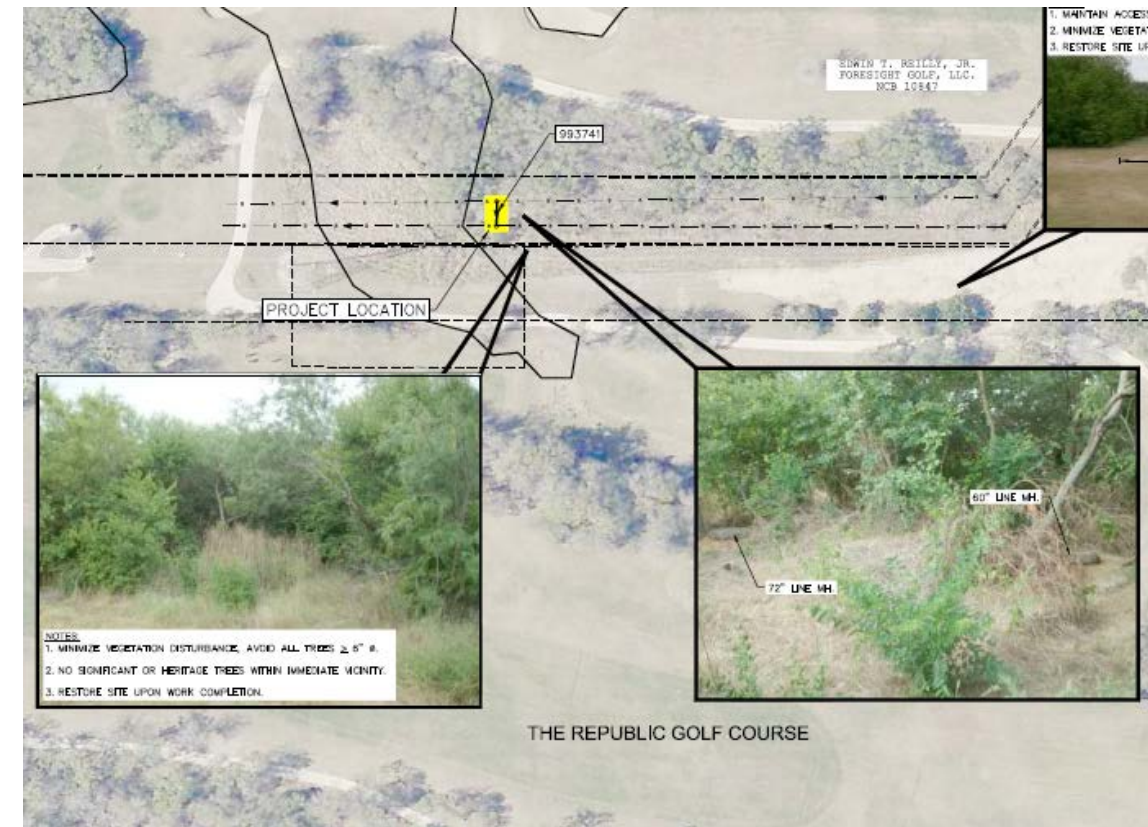
North Segment:

- Repair of 3 large siphon outlet structures.
- Reconstruct 2 MHs.
- Large flow bypass pumping from US siphon inlet structures in Comanche Park – special Bexar County requirements.



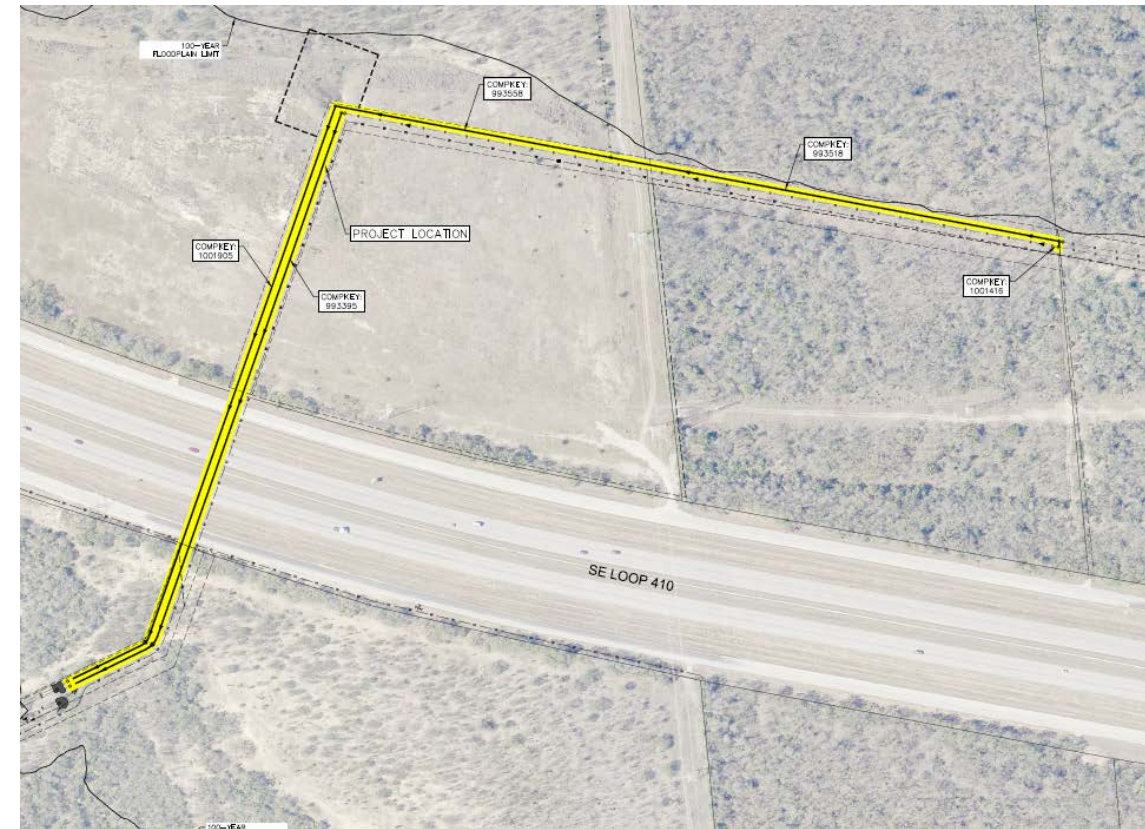
Site 7 – Republic Golf Course

- Reconstruct 2 MHs and replace interconnecting 24” pipe.
- Large flow bypass pumping from US MHs to DS MH, or temporary doghouse MH.
- Entry from Texas Jack Rd.
- Access through CPS easement.



Site 8 – I-410 South

- CIPP rehab of 2,839 LF of 60” RCP, 1,359 LF of 72”RCP.
- Repair of 3 large siphon inlet structures.
- Reconstruct 5 MHs.
- Large flow bypass pumping to DS siphon outlet structures south of Salado Creek.
- Includes special bypassing below Loop 410
- Work to be completed in accordance with TxDOT Driveway Permit and CoSA Floodplain Development Permit.
- Right of Entry agreements with property owners.



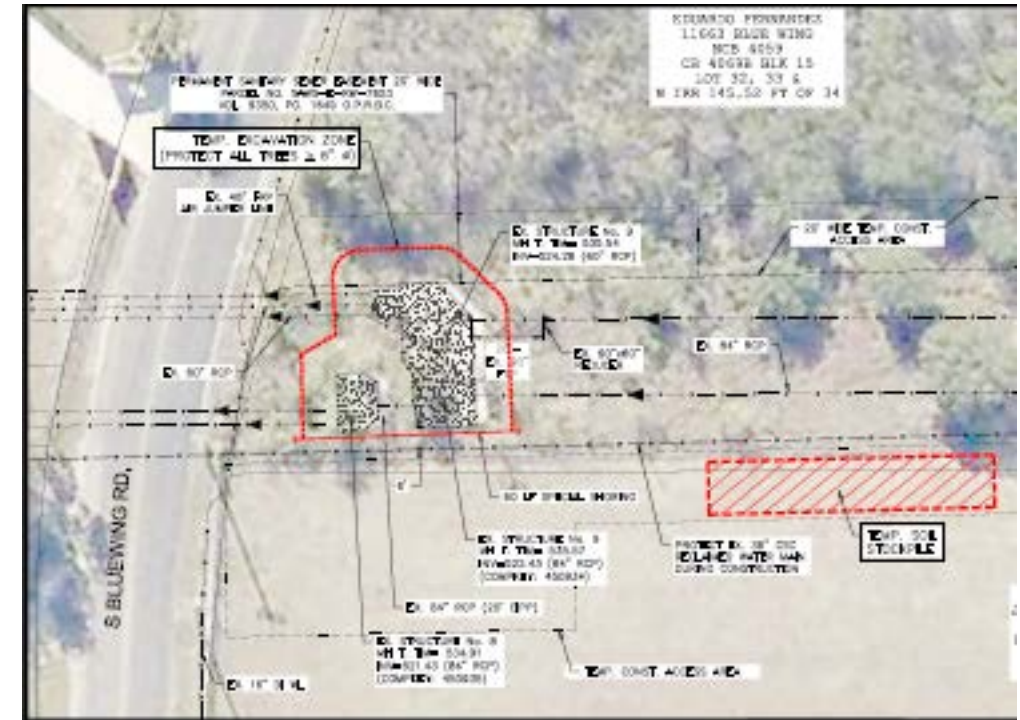
Site 9 – S. Bluewing Rd

- CIPP rehab of 298 LF of 60” RCP, 305 LF of 84” RCP.
- Repair 1 large siphon inlet structure.
- Replacement of 1 large siphon inlet structure.
- Reconstruct 2 MHs.
- Large flow bypass pumping to DS siphon outlet structures. Includes special bypassing crossing at S. Bluewing Rd.
- Traffic control required at S. Bluewing Rd.
- Work to be completed in accordance with CoSA Tree Permit.
- ROE agreements with property owners.



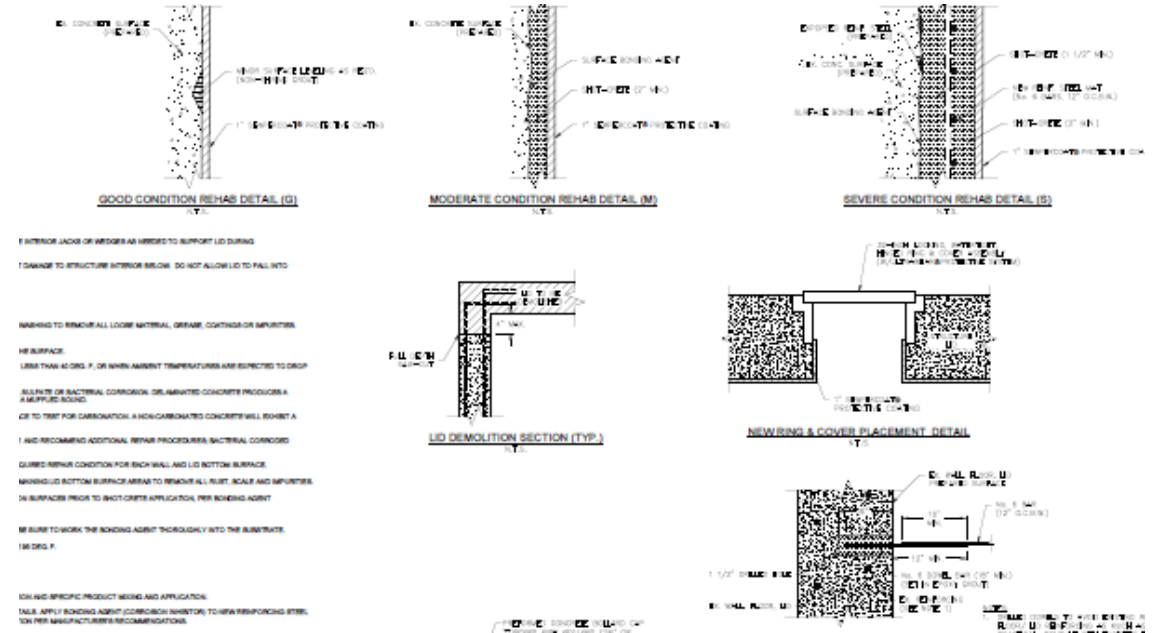
Structural Repairs

- Ex. Structures sidewall fill to be temporarily removed and stockpiled prior to lid demolition.
- Lids to be saw-cut and carefully demolished to prevent damage to structure interior below.
- Interior gates and accessories to be demoed.
- Interior surfaces to be cleaned and prepped for Engineer's inspection.



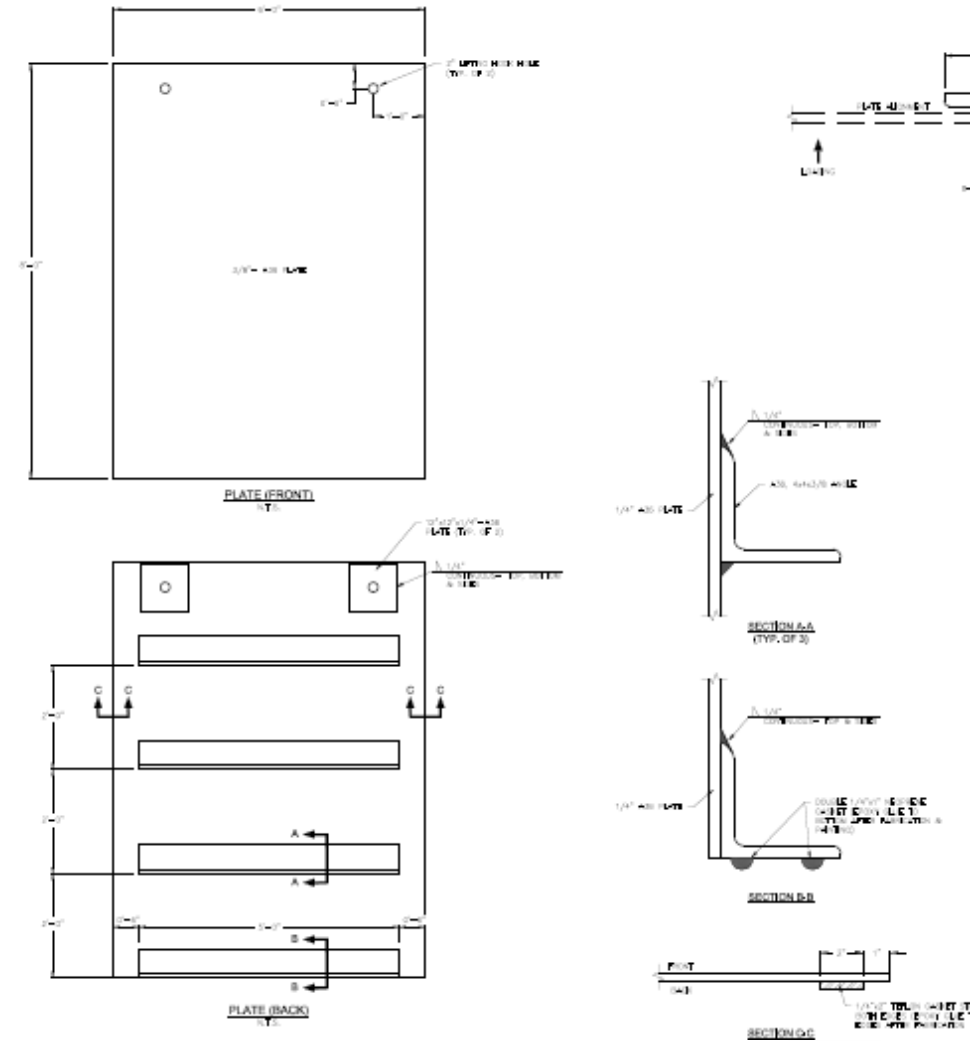
Structural Repairs

- Repair surfaces per Good, Moderate, or Severe condition requirements as defined, or as additionally directed by Engineer (per Additional Unit Pricing).
- Construct new interior weir walls and plate slot walls/frames, and lids per Plans.
- Install interior protective coating.
- Backfill structures, install bollards and restore site.



Structural Repairs

- Provide two (2) stop plates per Plans.
- Confirm stop-plate plumbness, fit and water-tight seating at each applicable structure.



Project Details

Items to Note:

- ROEs – Coordination and Contact Requirements, durations, start-end dates, working hours, and construction limits.
- COSA Floodplain Development Permit.
- COSA Tree Permit – Pre-construction field meeting with COSA Arborist (Site 9)
- TxDOT Driveway Permit (Site 8)

SMWVB Questions

Questions related to SMWVB may be directed to SAWS' SMWVB Program Specialist until the bids are due. 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

Questions

- Should be submitted no later than August 13, 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

Multiple Sewershed Package 2A

Pre-Bid Meeting
August 1, 2018

Juan Gomez, Ph.D., P.E.

Engineering Manager, SAWS

David Gonzales

Manager – Construction Management, SAWS

Jessica GoForth

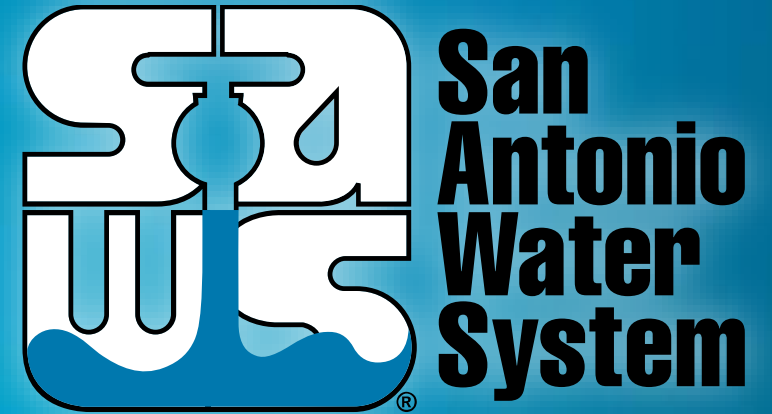
Contract Administrator, SAWS

Marisol V. Robles

SMWVB Program Manager, SAWS

Mark Roetzel, P.E., RPLS

Project Engineer of Record, CDS Muery



MAKING SAN ANTONIO
WATERFUL

