

Multiple Sewershed Package 17 A

Alla Korostyshevsky, P.E.

Project Engineer

Roxanne Lockhart

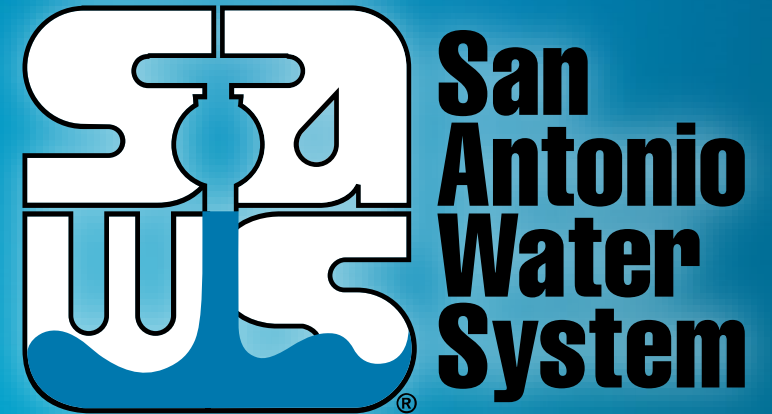
Contract Administrator

Diana Woltersdorf

Manager – Contract Administration

Marisol V. Robles

SMWVB Program Manager, SAWS



Non- Mandatory Pre-Bid Meeting

November 10, 2021

MAKING SAN ANTONIO
WATERFUL 

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
- Aspirational SMWB Goal
- SMWVB Qualifications
- GFEP FAQs
- Post Award: S.P.U.R System
- Contract Solicitation Website
- Vendor Registration
- Key Reminders
- IFB Schedule
- Bid Packet Preparation
- Contract Requirements
- Contact Information
- Project Overview
- Statement of Bidder's Experience
- Special Conditions
- Supplemental Conditions
- Project Details



General Information

- This is a Non-Mandatory pre-bid meeting
- Attendees should sign-in via chat on WebEx
- This presentation and the attendance sheet will be posted to the SAWS website
- Key project information:
 - Construction duration is 270 calendar days
 - Construction estimate \$2,088,333.70
- Construction services being procured through IFB



Aspirational SMWB Goal

| Industry | Aspirational SMWB Goal |
|--------------|------------------------|
| Construction | 20% |

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

SMWB Qualifications

- **Local office or local equipment yard**
- **Must be SBE-Certified (includes MBEs and WBEs)**
- **South Central Texas Regional Certification Agency**
(MBE, WBE, SBE. Includes the Texas Historically Underutilized Business “HUB” Program.)

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 SMWB Program Manager with the scopes of work you are seeking. You will receive lists of local SMWB-certified firms to contact.
- Q: What if my business is SMWB-certified? Do I need to find SMWB subs?**
 A: If your firm is SMWB-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 SMWB 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

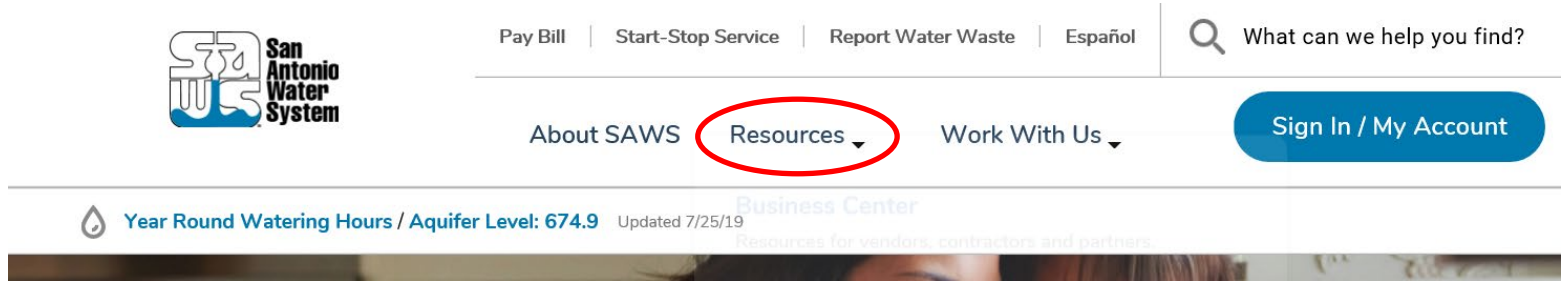
- 1. Subcontractor & Supplier Payment Tracking
- 2. Subcontractor and Supplier Additions or Substitutions
- 3. LCP Tracker
- 4. Must be Current and Accurate before Retainage is released

<https://saws.smwbe.com>



Contract Solicitations Website – Recent Changes

- To locate the Contract Solicitations website choose Resources




- 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 Data Report






**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

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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 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.



Key Reminders

- All questions should be sent in writing to Roxanne Lockhart, Contract Administrator by roxanne.lockhart@saws.org or 210-233-4438.
 - Please identify the project by its associated solicitation number and project name.
- Contractors should not contact the SAWWS project engineer, the consultants for this project, or any other SAWWS staff up until Board award.

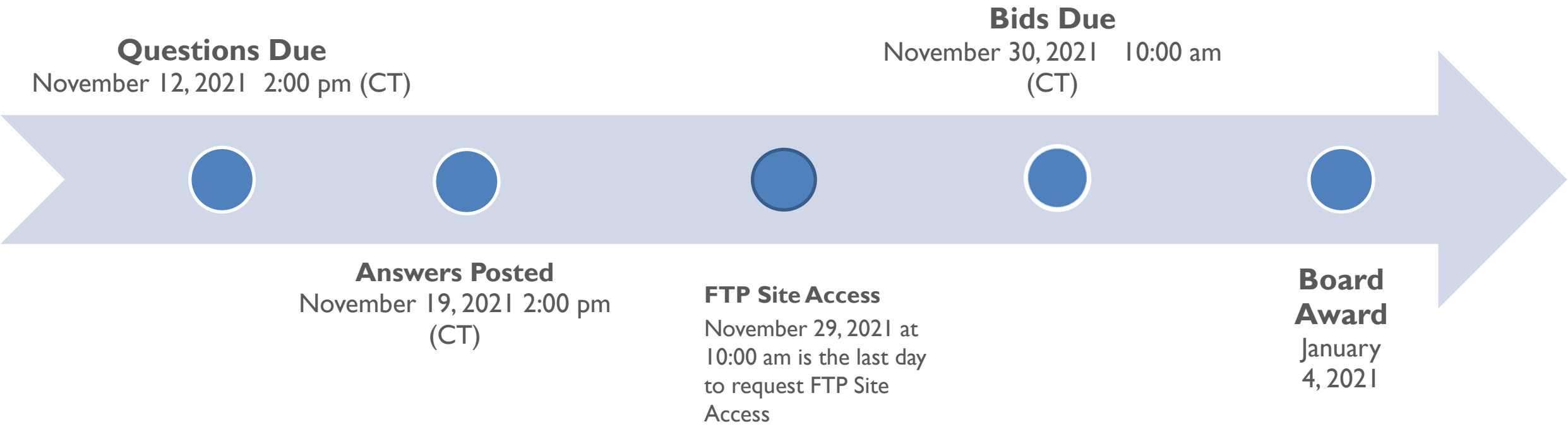


Key Reminders (cont..)

- Late bids will not be accepted, and will be returned unopened.
- Due to the COVID-19 emergency and to protect the health of the public, SAWS is implementing new procedures for the submission of bids.
 - Bids will be received either Electronically or through Sealed bids.
 - Electronic bids will be received via the secure SAWS FTP site.
- Sealed bids will be received by Contract Administration, 2800 U.S. Hwy 281 North, Tower II, Customer Center Building, via a black drop box located on the left wall when walking through the first set of double glass doors of the main Tower II entry on the north side of the building.
- If bids will be delivered in person to SAWS, Bidders should allow sufficient travel time



IFB Schedule



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Bid Packet Preparation

- Electronic or Physical; if electronic please see Electronic Bid Opening Instructions for last day to request FTP site access.
- 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 Mobilization & Prep ROW Line Item does not exceed the percentage allowed
- References and contact information should be verified by the Bidder prior to submitting a bid for this project
 - References must come from the Owner (City, County, State, etc.)



Bid Packet Preparation (cont.)

- Only limited items are required with the initial bid packet
- Apparent low bidder must submit additional information within 24 hours of the bid opening to include:
 - Conflict of Interest Questionnaire
 - Proof of Insurability (Letter from Insurer or Sample Certificate of Insurance)
 - Company information packet
 - Statement regarding ability to complete the project
 - W-9
 - Statement of Bidder’s Experience (SBE) form
 - Projects A-1 thru A-3 (work performed by Bidder)
 - Detailed Baseline Schedule using January 25, 2022
- Bidders must provide projects on the SBE form that meet all of the requirements



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, as well as the release or retainage at the end of the contract



Contract Requirements

- Insurance requirements are found in Section 5.7 of the GCs
 - Installation Floater coverage in lieu of Builder's Risk also required
- Contractor must maintain insurance coverage for the duration of the construction
 - Any deficiencies must be corrected prior to Board award
- Insurance must be compliant for this project and any other SAWWS projects prior to executing the contract
- SAWWS will ask for insurance prior to Board award to expedite execution of the contract



Contact Information

| <u>Contact Name</u> | <u>Title</u> | <u>Telephone Number</u> | <u>Email address</u> |
|---------------------|------------------------|-------------------------|--|
| Roxanne Lockhart | Contract Administrator | 210-233-4438 | Roxanne.Lockhart@saws.org |
| Marisol V. Robles | SMWVB Program Manager | 210-233-3420 | Marisol.Robles@saws.org |

Contract Background

- Sealed bids are requested by the San Antonio Water System (SAWS) for the construction of approximately 8,480 linear feet of 8”, 10”, 12” and 15” existing sanitary sewer main to be rehabilitated by Cured-In-Place Pipe, miscellaneous point repairs, and associated manhole improvements for the Multiple Sewershed Package 17A, SAWS Job No.: 20-4507.
- Project is part of the EPA Consent Decree (see Special Conditions)
- Contractor is to become familiar with the plans, specifications, and project location

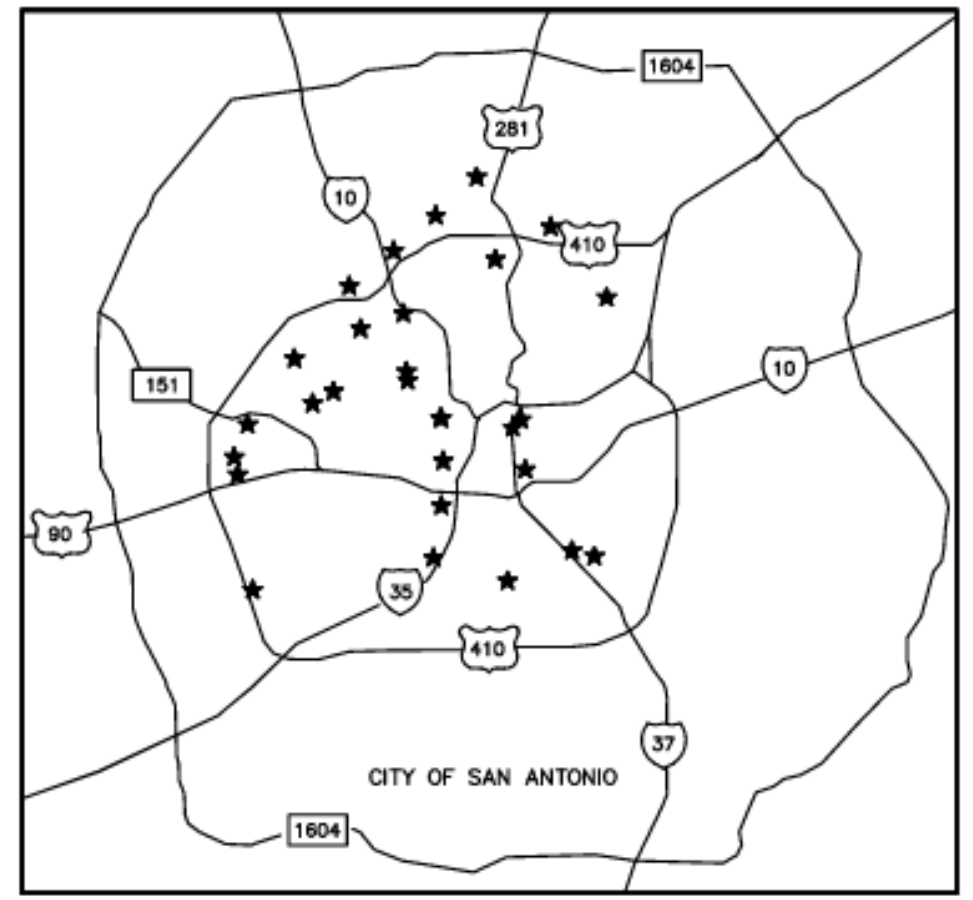


Multiple Sewershed Package 17 A



Project Background

- Briargate Dr (Alley)
- Callaghan Rd
- Newson Dr (Alley)
- Gettysburg Dr (Alley)
- Darwin Dr
- W Craig Ph
- Texas Ave
- Willee Dr
- Marconi St
- S Brownleaf St
- W Rhapsody Dr
- NW Military Hwy Drainage Easement
- Broadway St Easement
- Waxwood/Maplewood & Mertz
- Corinne Dr (Alley)
- W Martin St
- Hays St
- Dawson St Live Oak St to Chestnut St
- Westlawn Dr (Alley)
- Westfield Dr & W Military Dr
- Siesta Valley Dr/Vista Valley Dr & Spur Valley St (Alley)
- Angela St & S San Jacinto St
- S Hackberry St
- Conception Ct
- Clark Ave
- Wagner Ave (Alley)/Whitman Ave & Oconee St
- Anton Dr (Alley)
- Lorita Dr



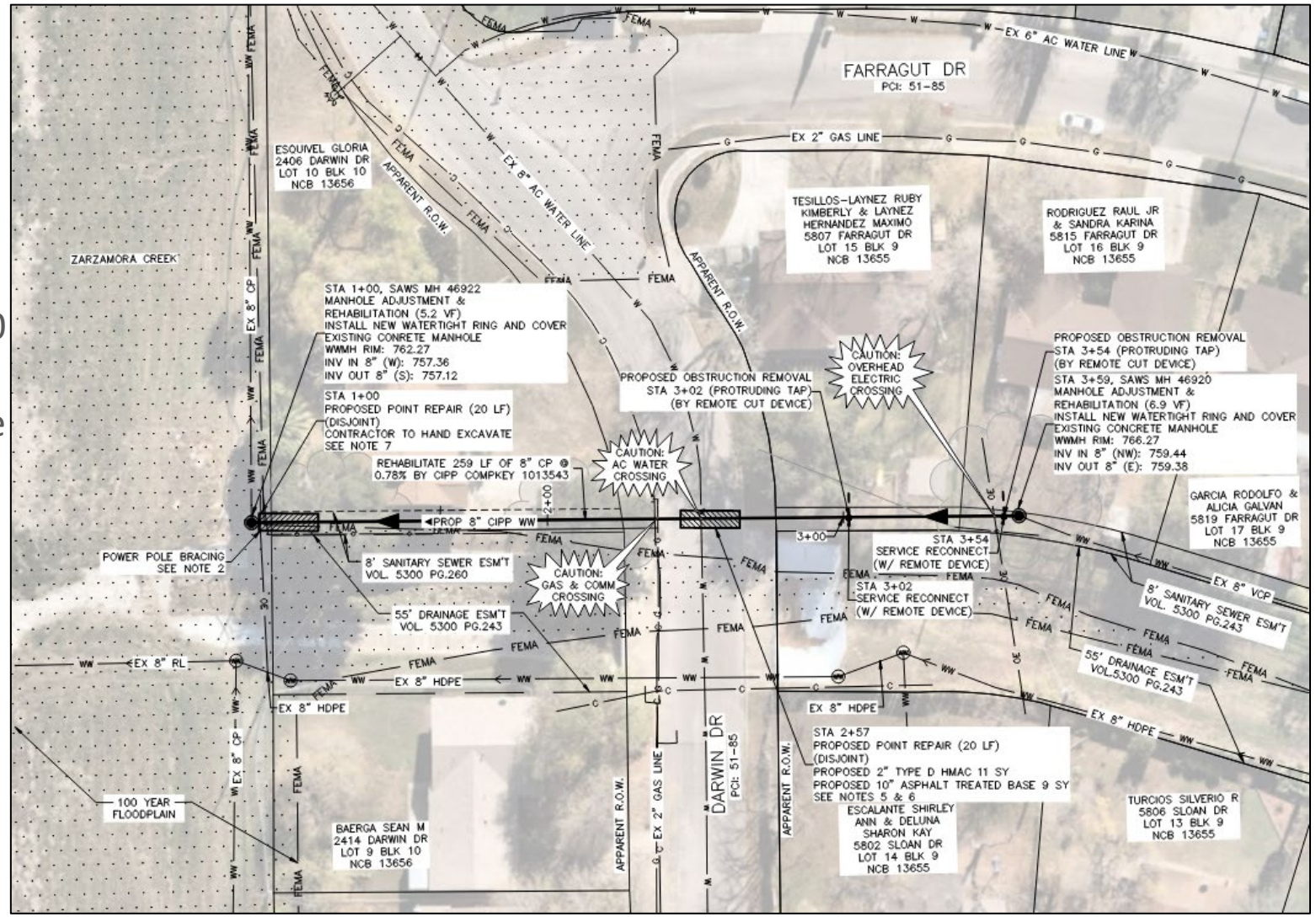
LOCATION MAP
NOT TO SCALE



Project Details

Darwin St Site 109

- Due to a proposed point repair over 8" AC water crossing, line items 1020 Water Main Break/Leak Repairs and Handling Asbestos Cement Pipe have been incorporated in the plan.
- Item 1020 is a precautionary item that will only be paid in the event of a water main break.

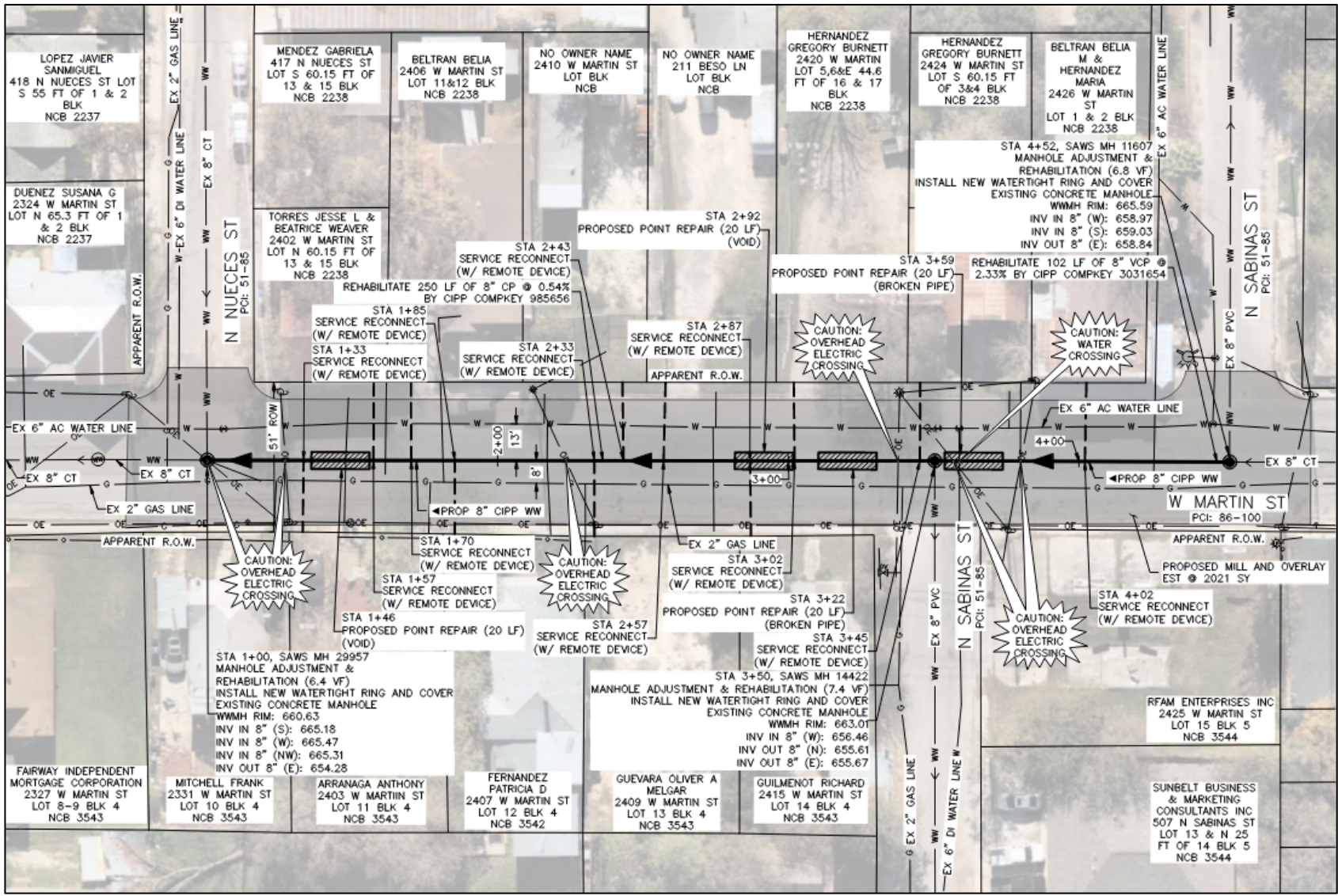


Project Details

W Martin St

Site 140.1/140.2

- Contractor to ensure construction does not overlap with SAWS Job no 21-5501 Multiple Sewershed Package 17B
- Mill and overlay to be coordinated with SAWS Job no 21-5501 Multiple Sewershed Package 17B

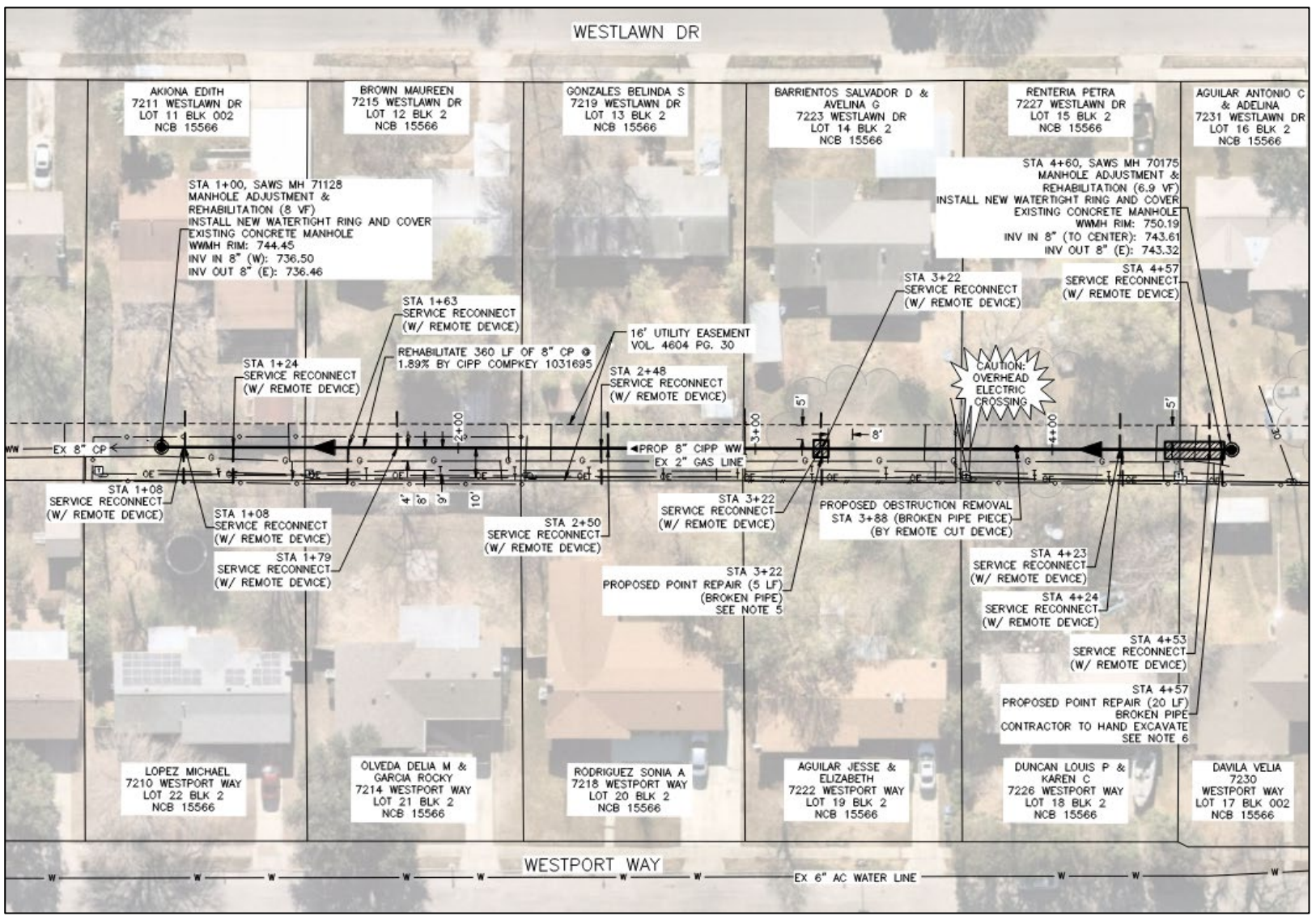


Project Details

Westlawn Dr (Alley)

Site 146

- Where indicated on plan, limit the point repair excavation to avoid impacts to nearby 28" Ash Tree

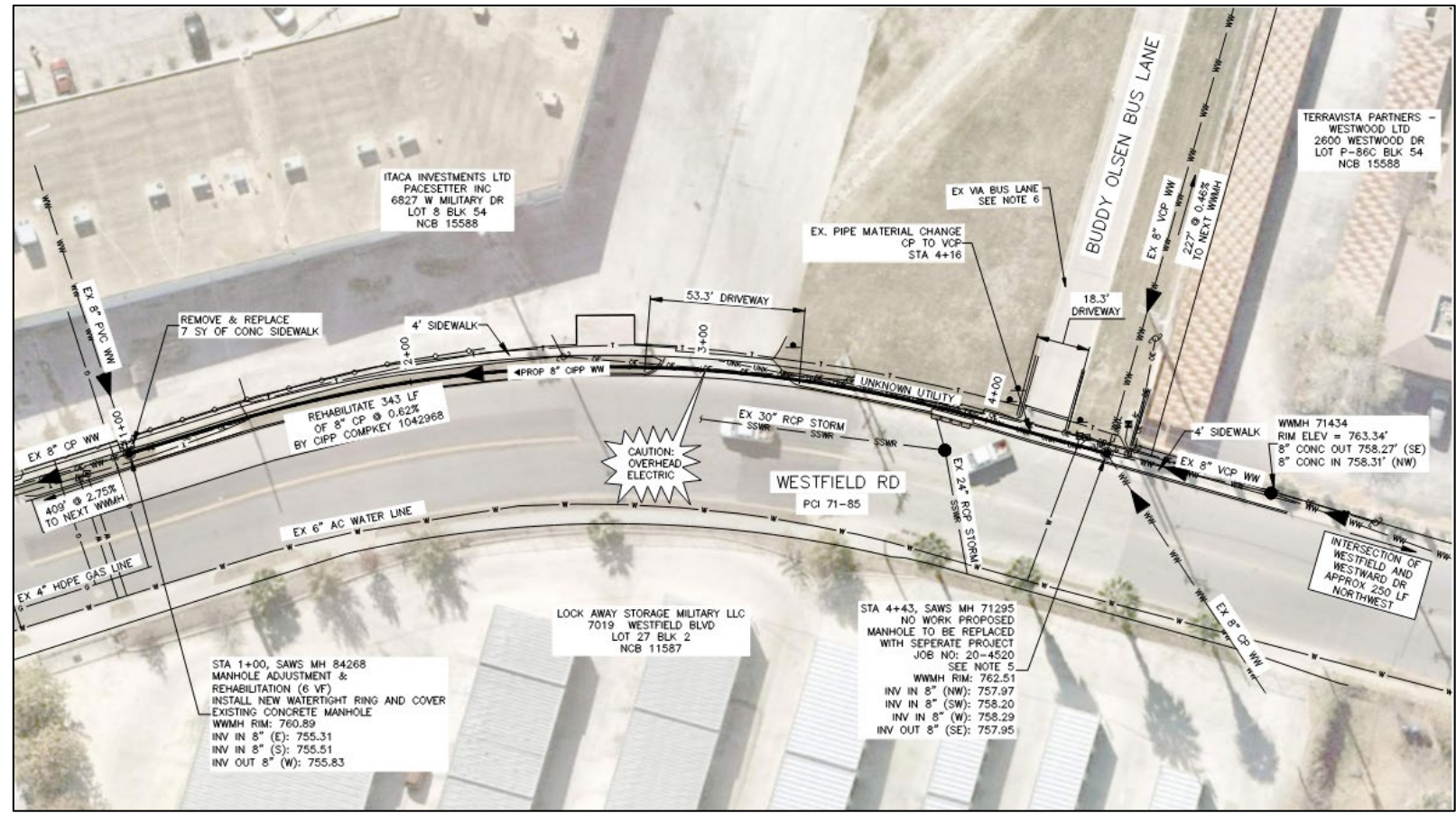


Project Details

Westfield Dr & W Military Dr

Site 150

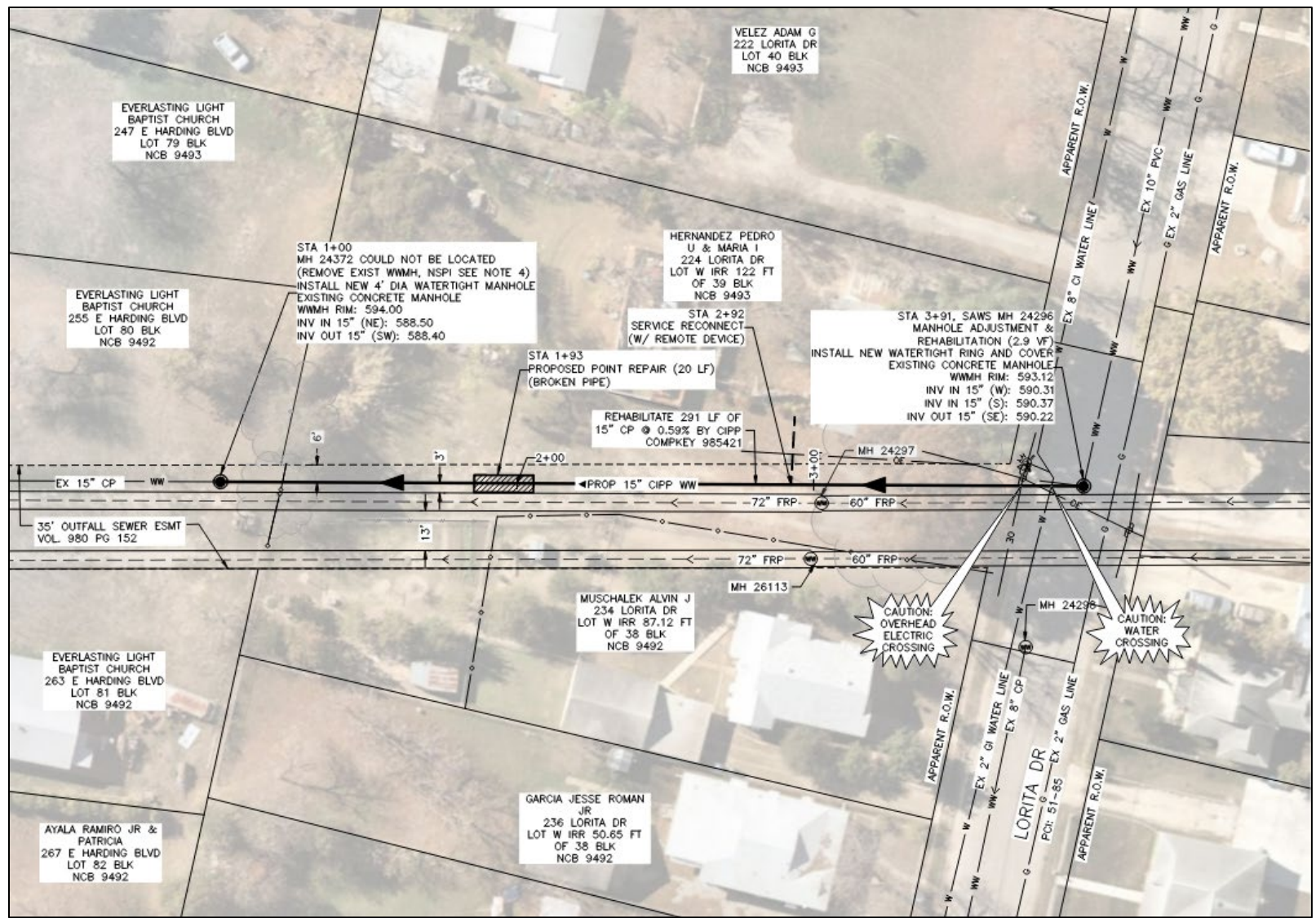
- Contractor is responsible for protecting all existing utilities as necessary to prevent damage during construction
- Contractor is responsible for repairing any damage made to Manhole 71295 during construction.
- Contractor to coordinate with VIA to temporarily close Buddy Olsen Bus Lane during construction.



Project Details

Lorita Dr Site 169

- Contractor to locate existing manhole 24372 prior to construction to determine rehabilitation method. If the manhole does not exist or is unable to be located then the contractor is to install a new manhole.



Project Requirements

Permit Requirements

- All traffic control plans must be submitted to and approved by TxDOT or CoSA as necessary for detours or other traffic impacts and signing.
- Contractor to follow requirements identified in corresponding permits (SAWS will apply for TxDOT Permit).
- Changes in field that are cited by TxDOT or CoSA Inspector will require concurrence and approval from the SAWS Inspector first.
- SAWS is obtaining Tree Permit from CoSA.
- Contractor is responsible for all other required permits per the General Conditions.



Project Requirements

Other Requirements

- All RFIs, RFPs, submittals, and any other items related to construction must be uploaded and processed through CPMS.
- No work can be performed by the Contractor unless the cost for that line item is on the contract or unless otherwise directed by SAWS.
- Any Change Orders will be based as identified under section 6.5 of the General Conditions.



Supplemental Conditions

- Contractor shall perform the work with its own organization on at least 40% of the total original contract price which should be indicated on the Good Faith Effort Plan.
- Bidder is required to submit Statement of Bidders Experience as part of their bid.
- Liquidated damages for the purpose of this contract, will be assessed at \$942 per day. Final Completion of all “Project Locations” shall be achieved in 270 calendar days.
- Contractor may only have one “Project Group” under construction at a time with up to three “Project Locations” within the “Project Group” under construction concurrently as long as the detour routes do not overlap.
- SAWS is in the process of obtaining agreements for access and/or use of “Project Location” 124. Completion of these agreements is anticipated on or before January 25th, 2022.
 - In the event any agreements are not executed by January 25th, 2022 then the work associated with the site in question may, at the Owner’s discretion, be removed from the project via change order.



Special Conditions

- All work under this contract must be properly connected and coordinated with that constructed by others.

| PROJECT LOCATION | PLANNED CONSTRUCTION ACTIVITIES |
|--|---|
| SITE 124, BROADWAY ST EASEMENT | SAWS BPC WEST SEWERSHED PACKAGE 17B, JOB NO 21-5507 |
| SITE 140.1/140.2, W MARTIN STREET | SAWS BPC WEST SEWERSHED PACKAGE 17B, JOB NO 21-5507 |
| SITE 150, WESTFIEND DR & W MILITARY DR | SAWS BPC WEST SEWERSHED PACKAGE 6B, JOB NO 20-4520 |

- Pavement restoration of the intersection of W Martin St and N Sabinas St included in the quantities for Site 140.1/140.2 are contingent upon approval from the SAWS Inspector.

| ITEM NO. | DESCRIPTION | UNIT | QTY |
|----------|---|------|-----|
| 203.1 | TACK COAT | GAL | 30 |
| 205.3 | HOT MIX ASPHALTIC PAVEMENT, TYPE C (3" COMP. DEPTH) | SY | 271 |
| 206.1 | ASPHALT TREATED BASE (ATB) (12" COMPACTED DEPTH) | SY | 271 |



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Special Conditions

- Contractor shall be responsible for coordination on work hours and providing suitable accommodations for school traffic and pedestrians.
- Bypass pumping operations for Project Location 124 will occur on San Antonio NorthEast Independent School District (NEISD). Any damage to the NEISD property must be repaired to meet NEISD Construction/Repair Standards by the Contractor (N.S.P.I.)
- Contractor must submit pre-construction digital photos of the site prior to performing any construction activities and post-construction digital photos of the site after substantial completion at the Project Location to SAWWS.



Project Requirements

Special Provisions to the Technical Specifications

- **Item No. 85 I Adjusting Existing Manholes**
 - Payment for manhole adjustment shall include ring and cover replacement with SAWS approved cover, flowable fill backfill and manhole concrete encasement. These items are considered subsidiary to Item 85 I.
- **Item No. 864-SI Bypass Pumping (Small Diameter Sanitary Sewers)**
 - Contractor is responsible for determining if suction or discharge manhole ring and cover has sufficient dimensions to accommodate bypass piping.
 - Contractor shall remove ring and cover or cone as necessary to accommodate bypass piping.
 - Upon completion of bypassing operations, Contractor shall replace existing manhole components to their original location and condition.
 - Payment shall be made per site on a Lump Sum amount



Project Requirements

Special Provisions to the Technical Specifications

- Item No. 864-S2 Bypass Pumping (Large Diameter Sanitary Sewers)
 - Contractor is responsible for determining if suction or discharge manhole ring and cover has sufficient dimensions to accommodate bypass piping.
 - Contractor shall remove ring and cover or cone as necessary to accommodate bypass piping.
 - Upon completion of bypassing operations, Contractor shall replace existing manhole components to their original location and condition.
 - Payment shall be made per site on a Lump Sum amount



Project Requirements

Special Provisions to the Technical Specifications

- Item No. 901 Rehabilitation of Sanitary Sewer by Cured-In-Place Pipe (Hot Water Cured)
 - “Or Steam” Removed from Specification
 - Design calculations shall be identified by site number, SAWS manhole numbers and Compkey/segment identified in the plans
 - Map shall provide sufficient detail to indicate which pipe segments will be installed from each insertion location. Map shall also show any locations for field wet-out (“over the hole”) insertion locations.
 - Indicate source of water and pipeline route for each segment cured by hot water. Indicate location for any site-built towers or other temporary structures needed to obtain sufficient pressure head for liner installation.
 - Hydrophilic End Seal Sleeves are required at each end of the pipe segment to be rehabilitated. LMK Technologies “Insignia” Hydrophilic end seal sleeve or Engineer approved equal shall be used.
 - Soil Modulus: 500 psi. Contactor may submit calculations signed and sealed by a Texas Professional Engineer utilizing other values for soil modulus so long as those values are part of the sealed calculations, and the calculation method complies with ASTM F1216. Allowable soil modulus shall not exceed 1,000 psi.



Project Requirements

Special Provisions to the Technical Specifications

- Item No. 901 Rehabilitation of Sanitary Sewer by Cured-In-Place Pipe (Hot Water Cured) (cont.)
 - Groundwater depth shall be assumed at ground surface.
 - Acceptable Manufacturer CIPP product must meet all requirements set forth in this Specification Item No. 901.
 - Installation of the CIPP products shall be performed by a work force that is experienced and certified in installation of the products. The installer shall be certified by the CIPP product manufacturer to have been trained and approved in the installation of their CIPP products and have a minimum of five (5) years total experience with the product.
 - Contractor shall submit to Owner at least three (3) recent references of the CIPP installer, indicating successful installation of proposed hot water cured CIPP on projects of at least 1,500 linear feet of 8” or larger pipe. References shall include date completed, bid amount, final contract amount (including change orders), and reference contact information (owner, contract name, title, email, and phone number).



Project Requirements

Special Provisions to the Technical Specifications

- Item No. 901 Rehabilitation of Sanitary Sewer by Cured-In-Place Pipe (Hot Water Cured) (cont.)
 - CIPP installer’s project manager shall have a minimum of five (5) years of CIPP installation experience and must be on-site during the installation of the CIPP products. Experience shall be documented to the Owner’s satisfaction in the form of a resume of work experience detailing scope of work (linear footage and pipe diameters), location of work, and reference contact information (owner, contact name, title, email, and phone number).
 - Installer’s superintendent shall have a minimum of five (5) years of CIPP installation experience and must be on-site during the installation of the CIPP products. Experience shall be documented to the Owner’s satisfaction in the form of a resume of work experience detailing scope of work (linear footage and pipe diameters), location of work, and reference contact information (owner, contact name, title, and phone number).



Project Requirements

Special Provisions to the Technical Specifications

- Item No. 1103 Point Repairs and Obstruction Removals
 - Material for sanitary sewer pipe and laterals shall be SDR-26 PVC and conform to ASTM D2241, Item No. 848, “Sanitary Sewers” and Item No. 854, “Sanitary Sewer Laterals.” If point repair is located at a service connection, use a full-bodied fitting for the service connection. No field fabrications of fittings are allowed.
 - Measurement for sewer line point repair is on a unit price basis for each repair performed.
 - Minimum length of pipe to be replaced for each repair, regardless of depth of sewer line measure from natural ground to flow line at point repair
 - 20 feet minimum length.
 - Measurement for sewer line extra length point repair is on a linear foot basis in excess of minimum replacement length specified above.



Project Requirements

Special Provisions to the Technical Specifications

- Item No. 1020 Water Main Breaks/Leak Repairs
 - Payment to the Contractor will be made in accordance with Item No. 1020 as contained in the bid proposal. However, the Contractor is cautioned that no payment will be made by SAWS when particular breaks and/or leaks are a direct result of the Contractor's construction operations. Where encountered, payment to the Contractor for cutting and replacing pavements (any type), curbs, sidewalks and sodding shall be considered subsidiary to the various items of work under Item No. 1020 of the bid proposal and no direct payment will be made. Such payment shall include all pipe and appearances required as well as protective coating materials for bolts, nuts, ferrous surfaces, polyethylene sleeve where required and any pumping of water, necessary hauling, and disposition of surplus excavated material.



Project Requirements

Special Provisions to the Technical Specifications

- Item No. 540 Storm Water Pollution Prevention Plan
 - The Contractor shall place erosion control measures in accordance with this section and the Contractor provided Stormwater Pollution Control Plan. The Engineer may increase or decrease the quantity of these measures if the Contractor’s selected measures and locations are not preventing runoff of sediment from the Work Site. Pollution control measures may be applicable to contractor operations outside of the right of way where such work is necessary as a result of roadway related construction such as construction and haul roads, field offices, equipment and supply areas, and material sources.
 - Contractor shall provide Storm Water Pollution Prevention Plan (SW3P) designed in accordance with the specific or general storm water requirements... Prevent water pollution from storm water associated with construction activity from entering any surface water or private property on or adjacent to the project site. The Contractor shall effectively prevent and control erosion and sedimentation on the site at the earliest practicable time as outlined in the approved schedule. Control measures, where applicable, will be implemented prior to the commencement of each construction operation or immediately after the area has been disturbed.



Project Requirements

Special Provisions to the Technical Specifications

- Item No. 540 Storm Water Pollution Prevention Plan (cont.)
 - This item is measured as lump sum and shall include the installation and maintenance of control measures necessary to prevent and control soil erosion, sedimentation, and water pollution as necessary to comply with this item of work.
 - Payment shall be made per lump sum. This price shall be full compensation for furnishing and installing all labor, materials, supplies, equipment, and incidentals necessary to complete this item of work. The lump sum price will be pro-rated based on the number of calendar days in the project contract.



QUESTIONS?

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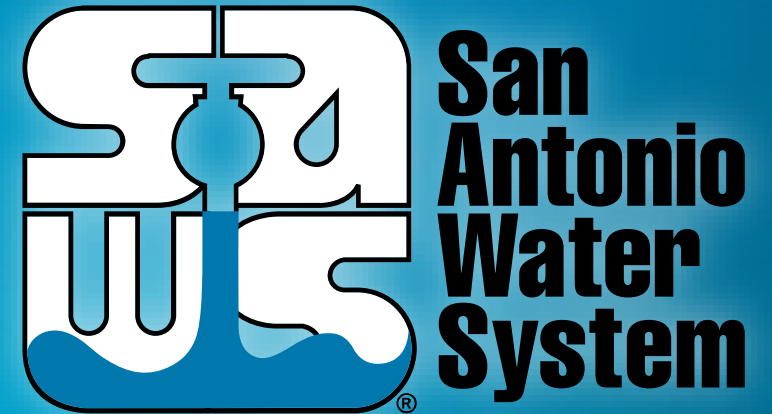
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