

# 2019 CMOM Package 4 (EARZ)

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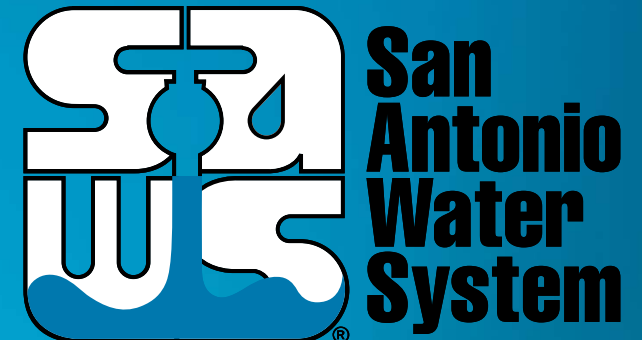
SMWVB Program Manager

Janie M. Powell

Contract Administrator

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Project Engineer of Record



Non-Mandatory Pre-Bid Meeting

May 18 2020

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
- Small, Minority, Women, and Veteran-Owned Business (SMWVVB Requirements)
- IFB Schedule
- Bid Packet Preparation
- Contract Requirements
- Vendor Registration
- Key Reminders
- Technical Information

# General Information

- This is a Non-Mandatory pre-bid meeting.
- This presentation will be posted to the SAWWS website.
- The construction estimate is \$2,625,087.00.
- Construction services being procured through IFB.
- Completion is scheduled for 100 calendar days.

# 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

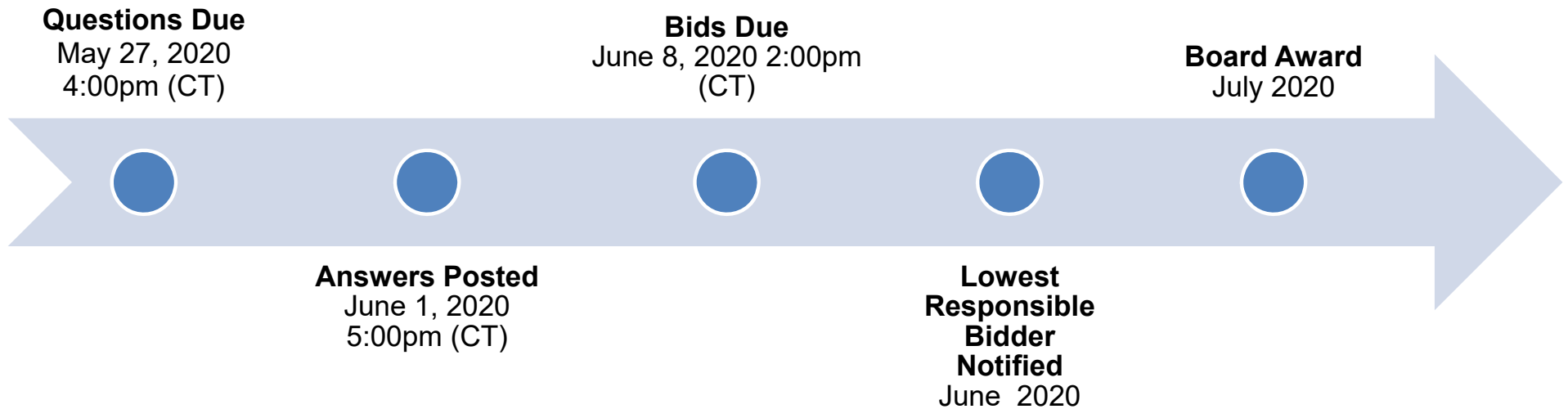
- 1. Subcontractor & Supplier Payment Tracking
- 2. Subcontractor and Supplier Additions or Substitutions
- 3. LCP Tracker
- 4. Must be Current and Accurate before Retainage is released

<https://saws.smwbe.com>





# 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)

# Contract Requirements

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

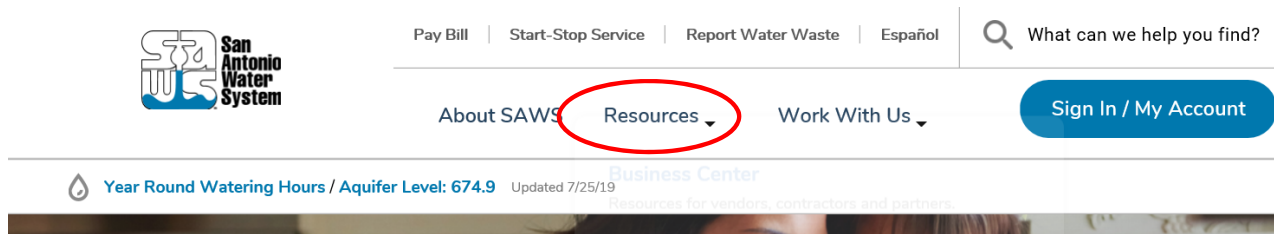
- Certified payroll to be submitted on weekly basis
- Wage decisions are included within the specifications
- Contractors to utilize LCP Tracker
- Site visits are random and unannounced
- Interviews will be Conducted and will be private & confidential
- Payroll records are subject to review
- All apprenticeship 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

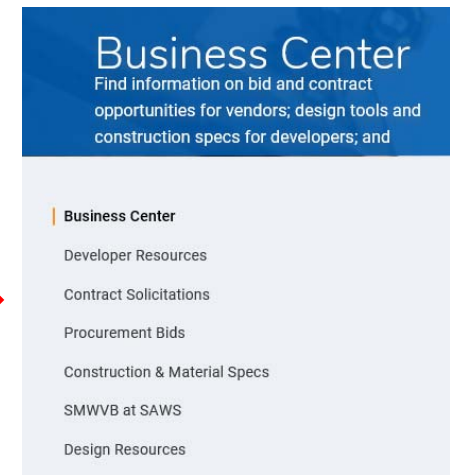
- Insurance requirements are found in Section 5.7 of the GCs
  - Builder's Risk is replaced by Installation Floater coverage (see Supplemental Conditions)
  - Maintain insurance coverage during the construction of this Project
- Compliant prior to executing the contract
- Will ask for insurance prior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

# 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 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 interactive buttons: "Notify Me" (with a megaphone icon), "Plan Holders List" (with a group of people icon), and "Downloads". 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.

# 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

# 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.
- 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.



# 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>

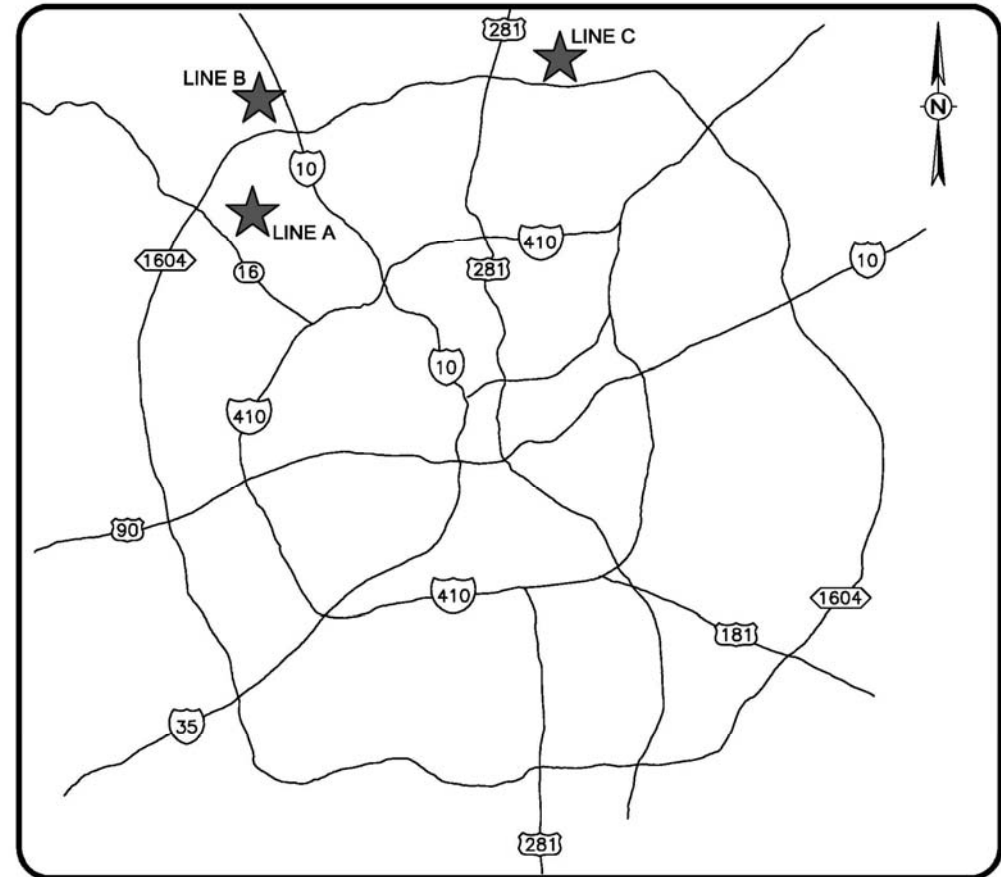
# Contract Background

- Sealed bids are requested by SAWS for the rehabilitation of approximately 6,611 LF of 21-inch through 33-inch diameter sewer mains utilizing cured-in-place (CIPP) method.
- Project Fund will finance this expenditure included in the CY 2020.
- Project is part of the Consent Decree.
- Contractor is to become familiar with the plans, specifications, and project locations.

# Project Location Map

## Three (3) Project Locations

- Leon Creek Near Spring Crest Dr (Line A)
- IH10 Near Rim Pass (Line B)
- W. Elm Creek Near Corporate Woods Dr. (Line C)



VICINITY MAP

N.T.S.

# Contract Requirements

## Supplemental Conditions

- Worksite
  - No excavation work of any kind may begin until authorized by SAWS
  - Preliminary work such as televising, utility investigation/potholing, setup and testing of bypass pumping may not begin until approval in writing by SAWS
- Consent Decree Notice Provisions
  - Retention of documents
  - Notification of events that may cause delay
  - Liability for stipulated penalties

# 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 of all Project Phases:

Liquidated Damages Charges		
Category	Duration (days)	Charge (\$) per day
Tier 1	1-7	\$460.00
Tier 2	8-14	\$540.00
Tier 3	15-21	\$600.00
Tier 4	22-28	\$640.00
Tier 5	29-35	\$670.00
Tier 6	36-42	\$690.00

- Any days tallied after 42 days will be assessed as a Tier 6 rate.

# Contract Background

## Special Conditions

- Project Milestones:
  - Line A – Leon Creek: 4 weeks to substantial completion. Final completion within 30 days of substantial completion
  - Line B – IH10: 4 weeks to substantial completion. Final completion within 30 days of substantial completion
  - Line C – Elm Creek: 5 weeks to substantial completion. Final completion within 30 days of substantial completion
- Contractor shall complete construction of all Project Sites within 100 Days of NTP.

# Contract Background

## Special Conditions (Continued)

- Multiple project locations shall be under construction concurrently.
- Contractor required to provide SAWS at least 21 days advanced written notification prior to moving to a new project location.
- Contractor shall coordinate with SAWS regarding Right-of-Entry for each Project location.
- Engineer must witness all CIPP and MH testing within EARZ. Contractor shall provide at least 48 hours advance scheduling notice.
- All Work is subject to Consent Decree provisions and requirements.

# Contract Requirements

- A detailed Bypass Pumping Plan and Traffic Control Plan is required for each site and will be the responsibility of Contractor at no cost to SAWWS
- A detailed Preliminary Construction Schedule must be included as 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 Requirements

- 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 at that time
- Contractor must submit a Work Progress Schedule within 10 days of NTP and monthly thereafter

# Contract Requirements

## External Agency Permit Requirements

- Contractor to follow requirements identified in corresponding permits (SAWS will apply for TxDOT Permit).
- 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](mailto:constworkreq@saws.org).

# Contract 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.
- All traffic control plans must be submitted to and approved by TxDOT or CoSA as necessary for detours or other traffic impacts and signing
- Any Change Orders will be based on negotiated prices if not defined in the bid proposal. Negotiations will be supported by Engineer's RS Means independent cost estimates.

# Contract Requirements

- A detailed Bypass Pumping Plan and Traffic Control Plan is required for each site and will be the responsibility of Contractor at no cost to SAWS.
- A detailed Preliminary Construction Schedule must be included as 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 Requirements

## Special Provisions to the Technical Specifications

- Item 540 – Temp Erosion, Sedimentation and SWP3 Controls: Establishes all related Work as subsidiary (NSPI)
- Item 855 – Reconstruction of Existing Manholes: Clarifies removal and replacement of MH throats, riser and rings as needed for CIPP installation, and related testing.
- Item 901 – Rehab of San Sewer by Cured-In-Place Pipe (Hot Water): Clarifies Soils Modulus calculation requirements, and EARZ special testing requirements.
- Item 6001 – Portable Changeable Message Sign: Clarifies payment as Lump Sum

# Contract Requirements

## Special Provisions to the Technical Specifications (Continued)

- Texas Commission on Environmental Quality (TCEQ) Permit Requirements – Clarifies special construction requirements associated with Work in the EARZ, including:
  - The use of secondary containment liners for bypass pumps and fuel storage (NSPI)
  - Issuance of Notice of Intent (NOI) to commence rehabilitation, provided to TCEQ San Antonio regional office no later than 48 hours prior to commencing Work.
  - All regulated activities must be suspended, and SAWWS must be immediately notified if any sensitive geologic features are discovered.
  - Issuance of Notice of Termination (NOT) of rehabilitation, provided to TCEQ San Antonio regional office.

# Contract Requirements

## Special Specifications

- Item SSP-3400 – Cut Metal Rungs: Defines requirements associated with cutting and removing metal rungs from existing manholes prior to reconstruction and established Lump Sum payment.

## Project Details

- Work located at three (3) Locations in EARZ, generally along creek beds with limited accessibility. Work sequence at Contractor's discretion but must be completed within 100 Days.
- 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.
- Work relies on bypass pumping of flow around each CIPP segment, Contractor to develop final Flow Management and Bypass Plan for approval. Extensive CoSA Hike & Bike trails in Work areas requires additional considerations and protections.



# CoSA Parks Coordination

## CoSA Greenway Trails System

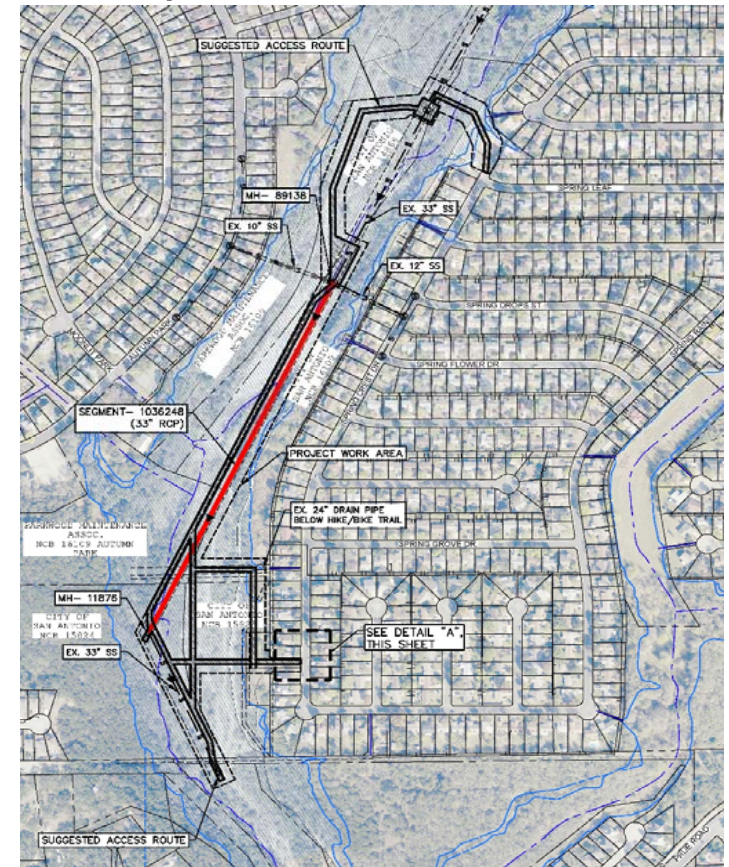
- Sewer rehabilitation is to occur adjacent to Leon Creek or Elm Creek Greenways in some areas.
- Contractor shall avoid damage of any kind to greenway trails and shall minimize encroachment on trails during construction.
- Notify CoSA Parks a minimum of two weeks prior to starting construction and 48 hrs prior to mobilizing.
- Contractor shall maintain trail operations during CoSA park hours. If trails are to be disrupted, notify CoSA parks prior to commencing any work activity.

## CoSA Parks Coordination Continued

- Contractor shall provide advanced warning along trail in both directions notifying pedestrians of construction work zone ahead.
- Contractor shall install and place bypass pipes a minimum of 10 ft. from trail edge.
- Contractor shall bury bypass pipes crossing park trails, beginning and ending, at a minimum of 10 ft. from trail edges.
- Contractor is not to install any temporary ramps within CoSA Parks.
- Refer to CoSA Hike/Bike Trail Detail Sheets within design plans

# Leon Creek Near Spring Crest (Line A)

- Access from north and south ends – CoSA TCP coordination required
- Bypass Pumping of 33" Line (20.5mgd-PWWF)
- Bypass Pumping of 10"/12" Side Sewers
- 33" SS CIPP Rehab (1,727LF) – No intermediate MHs
- Reconstruct 2 MHs on 33" Line
- Hike & Bike trail protections required
- All Work inside 100-Yr Floodplain, Work to be completed per CoSA FDP and Tree Permit



# Leon Creek Near Spring Crest (Line A)



Upstream MH #89138



Trail Crossing at Oxbow Park Trailhead



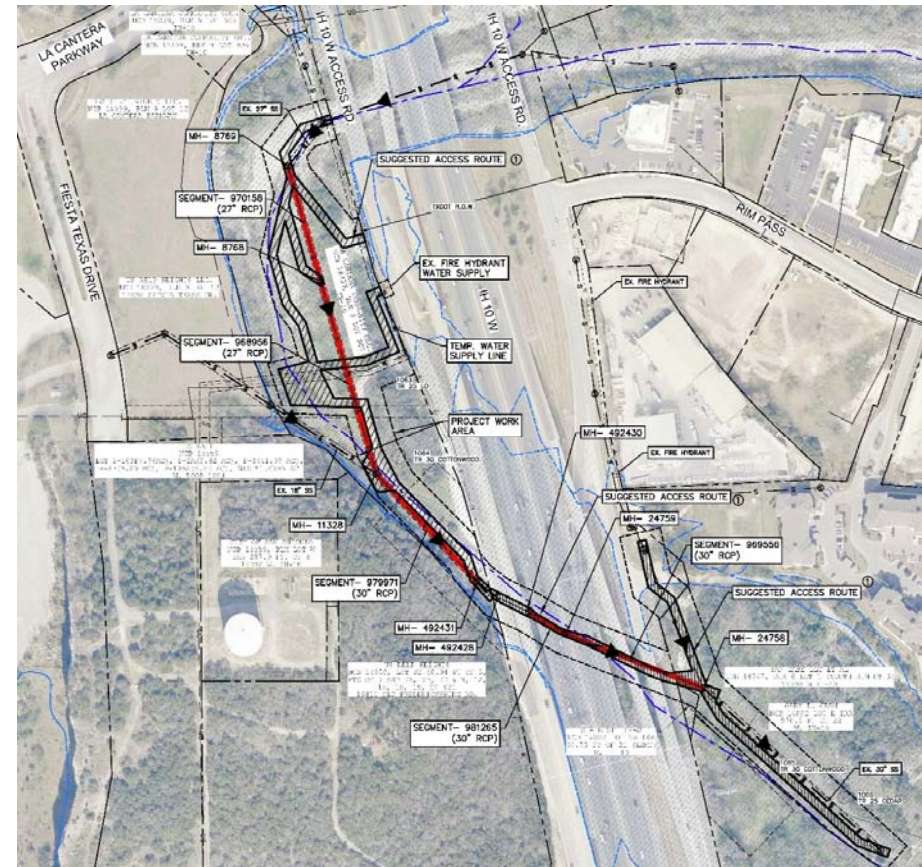
Downstream MH #11876



Leon Creek Greenway Trail Culvert

# IH 10 Near Rim Pass (Line B)

- Access from IH-10 Frontage – TxDOT Permitting, TCP and Coordination Required
- Bypass Pumping of 30/27” Line (7mgd-PWWF)
- Bypass Pumping of 8”/18” Side Sewers
- 30”/27” SS CIPP Rehab (813LF / 762LF) – Limited clearance below IH-10 bridges
- Reconstruct 2 MHs, Adjust 1 MH, Rehab 93VF
- Hike & Bike trail protections required
- All Work inside 100-Yr Floodplain, Work to be completed per CoSA FDP and Tree Permit



# IH 10 Near Rim Pass (Line B)



Upstream MH #8769



Midstream MH #8768



Downstream MH #24758

# IH 10 Near Rim Pass (Line B)

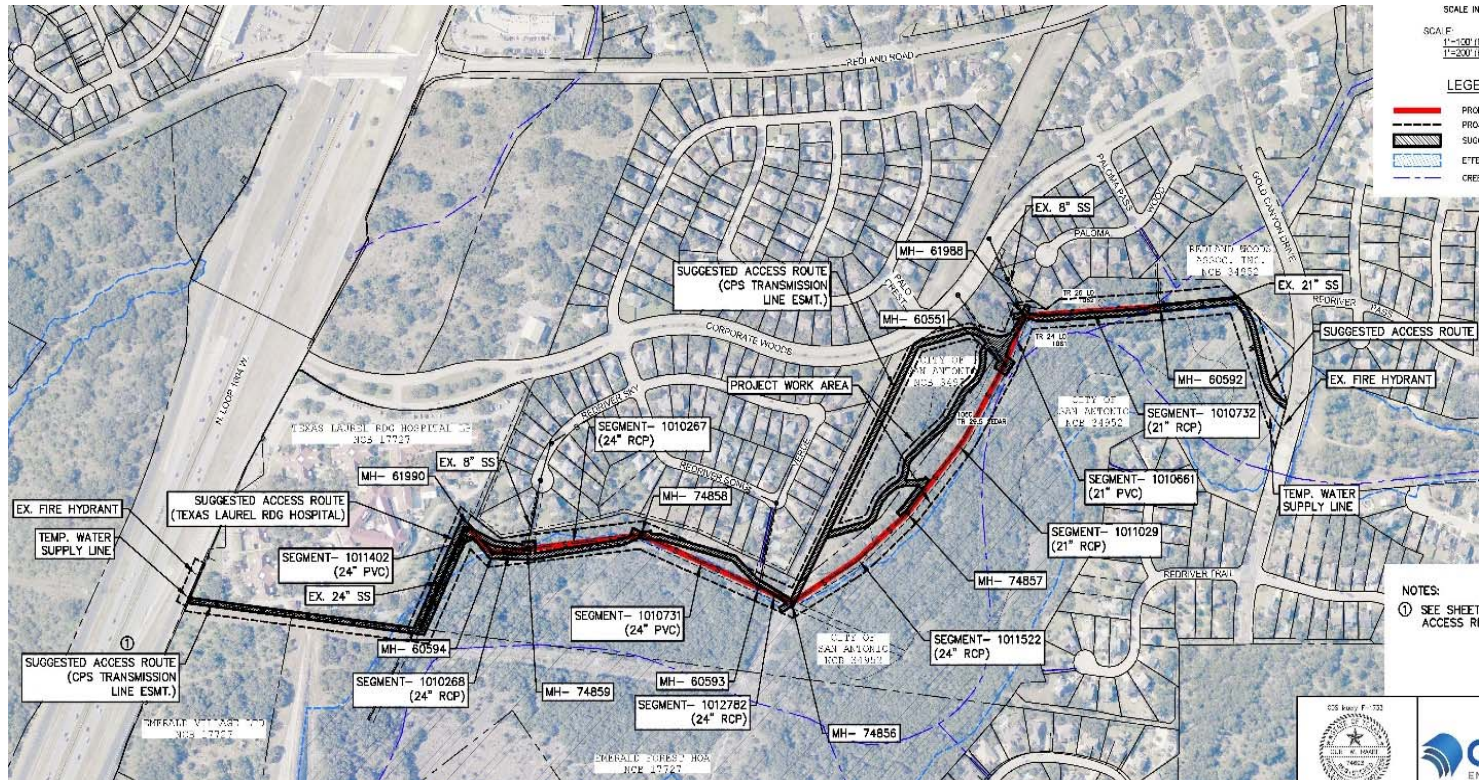
## New Trails West of IH 10



## New Trails East of IH 10



# Elm Creek Near Corporate Woods Dr. (Line C)





## Elm Creek Near Corporate Woods Dr. (Line C)

- South access from I 604 Frontage – TxDOT TCP and Coordination Required
- North access from Gold Canyon - CoSA  
Permitting, TCP and Coordination Req'd.
- Bypass Pumping of 21"/24"  
(5.1 mgd-PWWF)
- Bypass Pumping of five 8" Side Sewers
- 21"/24" SS CIPP Rehab (1388LF / 1921LF)  
Limited access along creek bed

# Elm Creek Near Corporate Woods Dr. (Line C)



Upstream MH #60592



Midstream MH #60551



Midstream MH #61988



Downstream MH #61990

# QUESTIONS?

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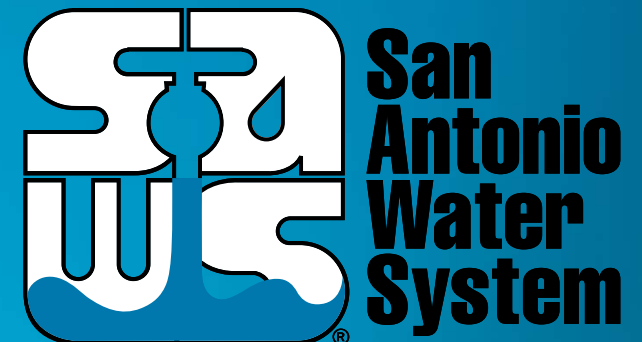
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