

Central Sewershed Package 7 - UIW

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Interim Contract Administrator

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Project Engineer of Record



Non- Mandatory Pre-Bid Meeting

February 13, 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
- Statement of Bidder's Experience
- Contract Requirements
- Contract Solicitations Website – Recent Changes
- Vendor Registration
- Key Reminders
- Contract Background
- Project Requirements and Details

General Information

- This is a Non-Mandatory pre-bid meeting.
- This presentation and the sign-in sheet will be posted to the SAWS website.
- The construction estimate is \$3,424,529.60
- Construction services being procured through IFB
- Completion is scheduled for 90 calendar days

Aspirational SMWVB Goal

Industry	Aspirational SMWB Goal
Construction	20%

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

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

- Small Business Enterprise (SBE)
- Minority Business Enterprise (MBE) (Includes AABE; ABE; HABE and NABE)
- Woman-owned Business Enterprise (WBE)
- Veteran-owned Business Enterprise (Tracked)

Good Faith Effort Plan (GFEP) FAQs

- **Q: Is the 20% SMWVB 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 SMWVB 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 SMWVB-certified? Do I need to find SMWVB 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 SMWVB goal?**

A: All subcontractors need to be included in the GFEP, even those that may not count towards the SMWVB 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. GFEP questions can be asked at any time before the submittal is due.

Post Award: Subcontractor Payment & Utilization Reporting (S.P.U.R.) System

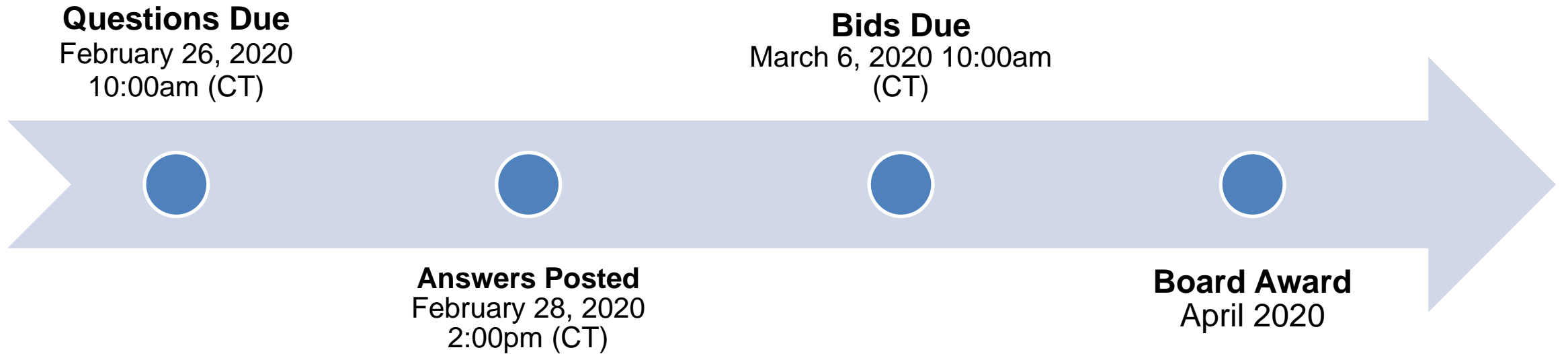
1. Subcontractor & Supplier Payment Tracking
2. Subcontractor and Supplier Additions or Substitutions
3. LCP Tracker
4. Must be Current and Accurate before Retainage is released

<https://saws.smwbe.com>



The screenshot shows the homepage of the San Antonio Water System's Subcontractor Payment & Utilization Reporting System. The page features a blue header with the San Antonio Water System logo on the left, a link to "OUR MAIN SITE" in the center, and a "CONTACT SUPPORT" button on the right. The main content area has a background image of industrial water treatment equipment. The title "Subcontractor Payment & Utilization Reporting System" is prominently displayed in white text, with a "Log In" button below it. Below the title, there are three columns of links: "System Training" (Learn how to fully utilize our system with a live trainer), "About the System" (Learn more about this system and how it works today), and "Account Access" (Lookup Vendor accounts or reset user passwords). The footer contains the text: "The Subcontractor Payment & Utilization Reporting System is powered by B2Gnow Software © Copyright 2018."

IFB Schedule



Bid Packet Preparation

- Utilize the Bid Packet Checklist within the specifications
 - All items due with the bid
- 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)
- A Baseline Schedule should be part of the Bid Packet
- NTP date of 4/14/2020

Statement of Bidder's Experience

- Bidder must answer all questions completely and all information must be clear, accurate and comprehensive. Projects A-1, A-2 and A-3 shall be separate projects and to have been completed by the Bidder.
 - Project A-1 demonstrates construction of a minimum of 1,000 LF by cure-in-place pipe (CIPP) construction for sanitary sewer mains 24-inches in diameter or larger.
 - Project A-2 demonstrates construction of a minimum of 2,000 LF by cured-in-place pipe (CIPP) construction for sanitary sewer mains 30-inches in diameter or larger.
 - Project A-3 construction of a minimum of 1,000 LF by cured-in-place pipe (CIPP) construction for sanitary sewer mains 36-inches in diameter or larger.
 - A-1, A-2 and A-3 must be different.

If all fields are not completed, the Bid is at risk for being rejected due to non-responsiveness. It is not acceptable to indicate “See Attached.”

Statement of Bidder's Experience Continued

- Projects A-4 and A-5 shall be separate projects and to have been completed by the Bidder or Bidder's Bypass Subcontractor.
 - Project A-4 demonstrates successful performance of existing gravity sanitary sewer mains bypass system with a peak flow rate of 15 million gallons per day (MGD) capacity or larger.
 - Project A-5 demonstrates successful performance of a sanitary sewer bypass pumping system on a wastewater collection system piping of 24" diameter or larger.
 - A-4 and A-5 must be different.

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

Contract Requirements

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

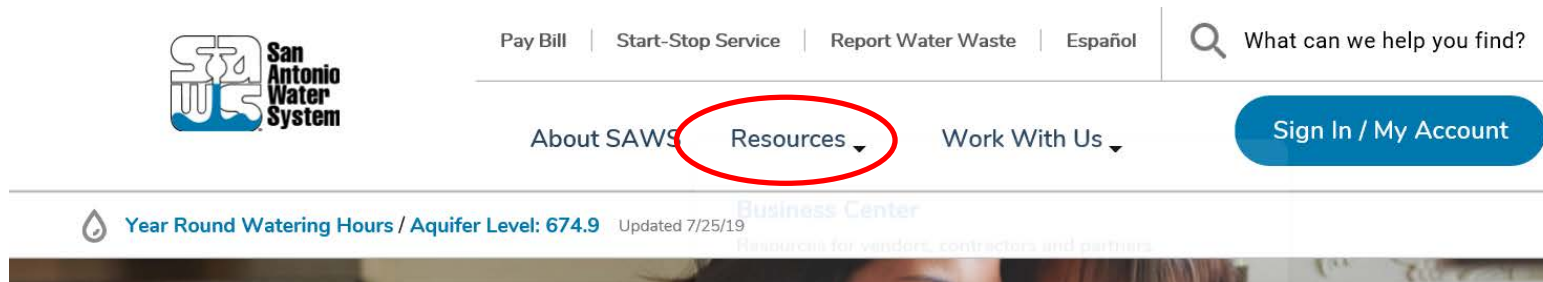
- Certified payroll to be submitted on weekly basis
- Wage decisions are included within the specifications
- Contractors to utilize LCP Tracker
- Site visits are random and unannounced
- Interviews will be Conducted and will be private & confidential
- Payroll records are subject to review
- All apprenticeship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

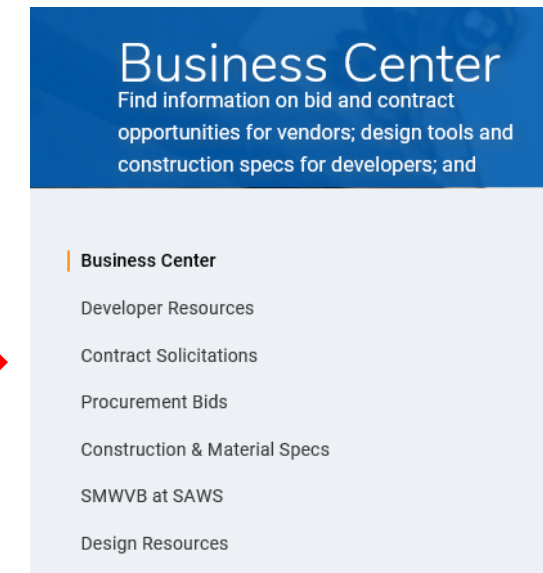
- Insurance requirements are found in Section 5.7 of the GCs
 - Builder's Risk is not required but per Supplemental Conditions, Installation Floater is required
 - Maintain insurance coverage during the construction of this Project
- Compliant prior to executing the contract
- Will ask for insurance 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 three main sections on the website:

- Non-Mandatory Pre-Bid Meeting**: Includes a calendar icon with '31', the date '10:00 AM, Tuesday Aug. 6, 2019', and the address: 'San Antonio Water System Customer Service Building, 2800 U.S. Hwy 281 N, San Antonio, Texas 78212; Conference Room CR-C145'. A blue 'Subscribe' button is located below the address.
- Notify Me**: Features a megaphone icon and the text 'Receive updates sent straight to your inbox.' A blue 'Subscribe' button is located below the text.
- Plan Holders List**: Includes an icon of three people and the text 'View plan holders list.' A blue 'View List' button is located below the text.

Below these sections is a **Downloads** section with two entries:

- Specifications**: Jul. 31, 2019. Note: You must be logged in to access this document. A PDF icon with a lock is shown to the right.
- Plans**: Jul. 31, 2019. Note: You must be logged in to access this document. A PDF icon with a lock is shown to the right.

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.



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>
Florinda Gonzales	Interim Contract Administrator	210-233-3914	Florinda.Gonzales@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 for the rehabilitation of approximately 2,760 linear feet of 24-inch and smaller, and 830 linear feet of 54 inch diameter sanitary sewer mains using cured- in-place pipe (CIPP) construction method, the replacement or reconnection of sanitary sewer services and the replacement, reconstruction, or rehabilitation of associated sanitary sewer manholes.
- 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 location.

Project Location Map

- Within The University of the Incarnate Word Campus on E. Hildebrand Ave. and Broadway St.



Contract Background

Special Conditions

- Contractor to submit a completion report when the project is complete
 - Pre and post MPEG-I video and video logs
 - Any tests and/or submittals specified in the Contract Documents
- Payment
 - The unit price cost for items shall include all the necessary incidental work as subsidiary to the item unless otherwise specifically called out in the plans or approved by SAWS

Project 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

Project 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.

Project Requirements

Special Technical Specifications

- SS-801: Tree & Landscaping Protection
- SS-802: Tree Pruning, Soil Amendment & Fertilization
- SS-910: Sanitary Sewer Manhole Rehabilitation
- SS-33-01-30.6 I: Sealing/Stoppage of Groundwater Leaks & Infiltration Through Pipe Joints and Pipe Cracks

Project Requirements

Special Provisions to Technical Specifications

- Item 100: Intermediate Demobilization & Remobilization
- Item 540: Temporary Erosion , Sedimentation & Water Pollution Prevention and Control
- Item 550: Trench Excavation Safety Protection
- Item 855: Reconstruction of Existing Manholes- Flowable Fill
- Item 864-2: Bypass Pumping Large Diameter Sanitary Sewer- Addition Pavement
- Item 864-1: Bypass Pumping Small Diameter Sanitary Sewer-Additional Pavement
- Item 866: Sewer Main Television
- Item 901: Rehabilitation off Sanitary Sewer By Cured-In-Place Pipe:Water Inversion
- Item 1103: Point Repairs and Obstruction Removals
- Item 1109: Sanitary Sewer Lateral Stub Outs or Reconnections

Project Requirements

COSA

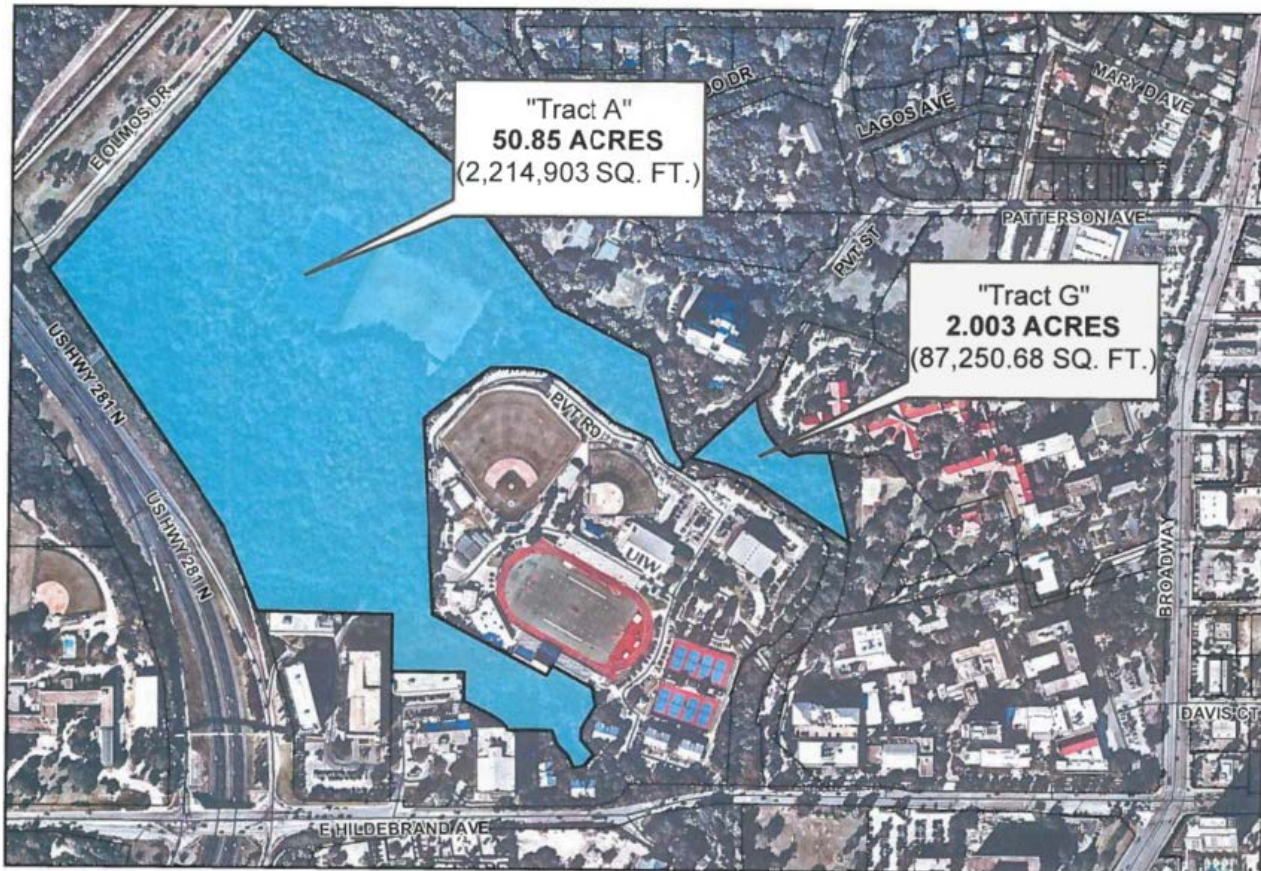
- Tree Permit
- Flood Plain Permit

Project Requirements

Schedule & Submittals

- 90 Calendar Days
- ROE Expire August 01, 2020
- UIW & Headwaters At Incarnate Word Coordination
- Early Mobilization with Coordination for Non-intrusive Work
- Full Mobilization May 13th
- Staking of Work Area, Headwaters at Incarnate Word
- No Temporary Access Path Required/ Repair Damage After Work
- Six Day/ 24-Hours/Day Work Week
- Bypass Pumping Restoration Inclusive

Two Property Owners



OWNER:
HEADWATERS AT INCARNATE WORD INC

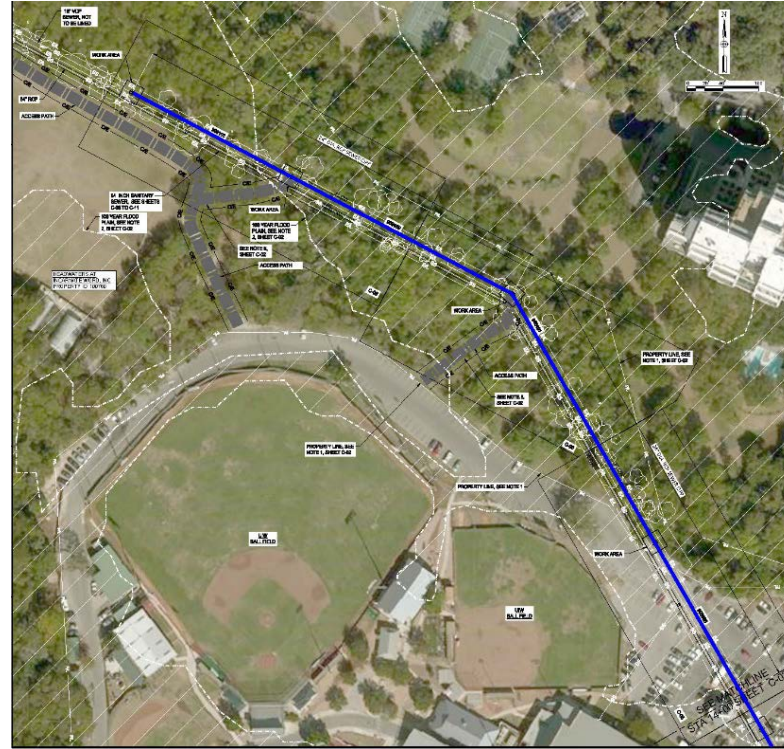
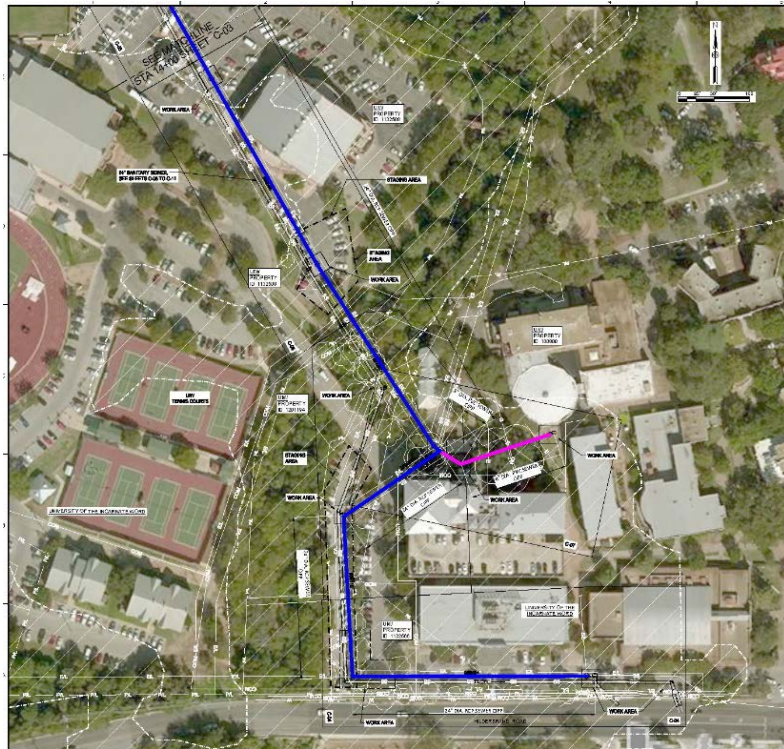


OWNER:
UNIVERSITY OF THE INCARNATE WORD



Overall Plan

For CIPP work on existing 8-inch, 24-inch, and 54-inch pipelines



Connection Points

Inflow & Outflow

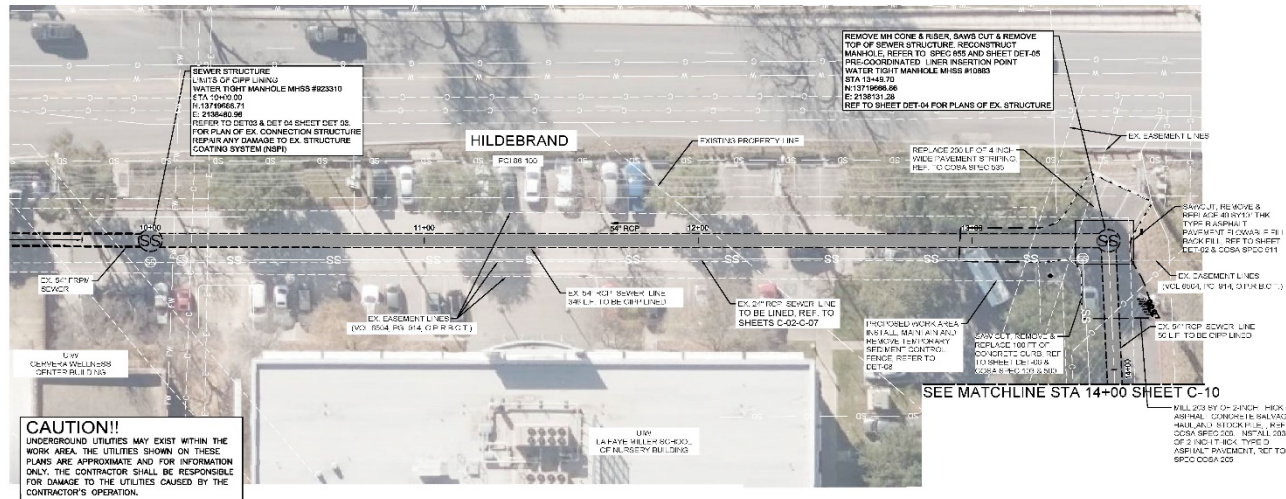


Rehabilitation

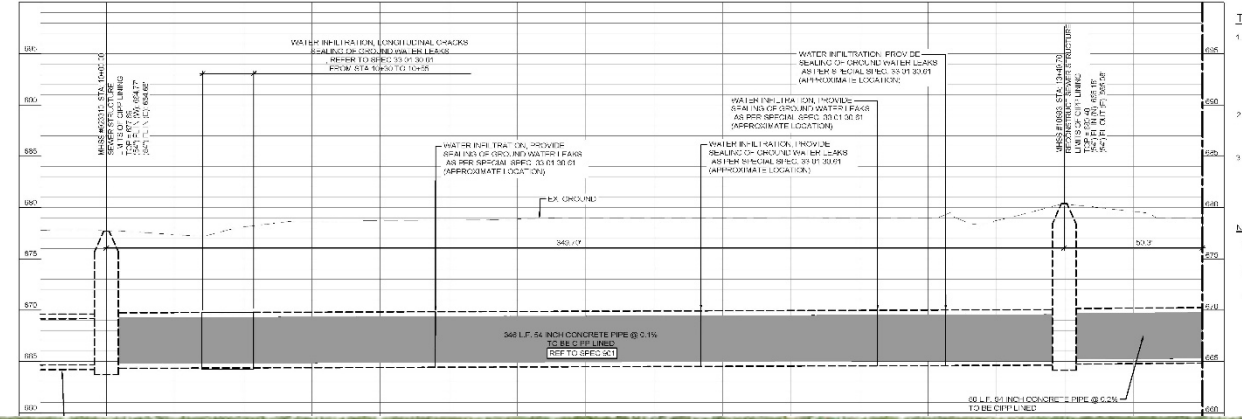
Manholes & Siphon Structures



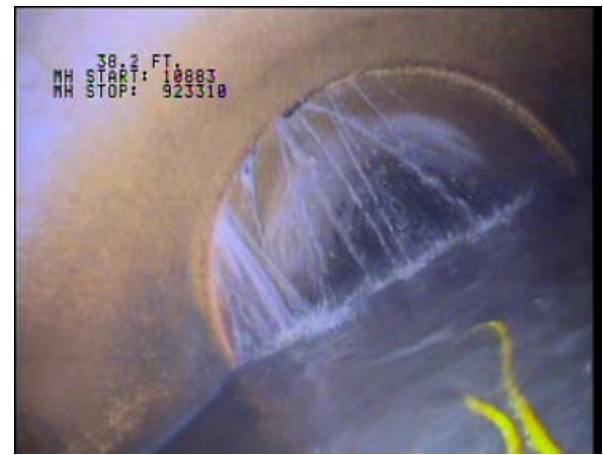
Sealing of Groundwater Leaks & Infiltration Through Pipe Joints and Pipe Cracks



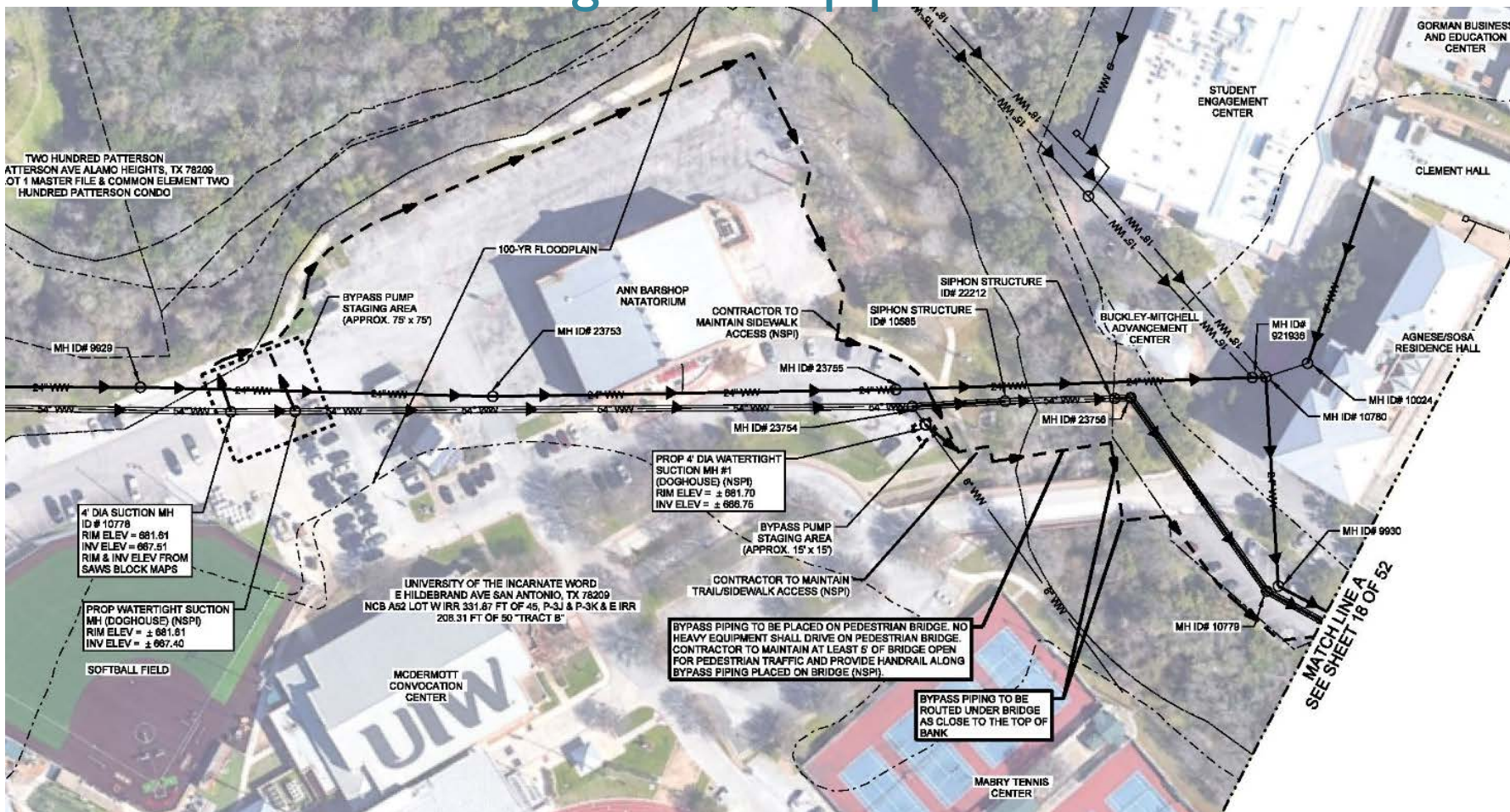
PLAN



Inflow and Infiltration



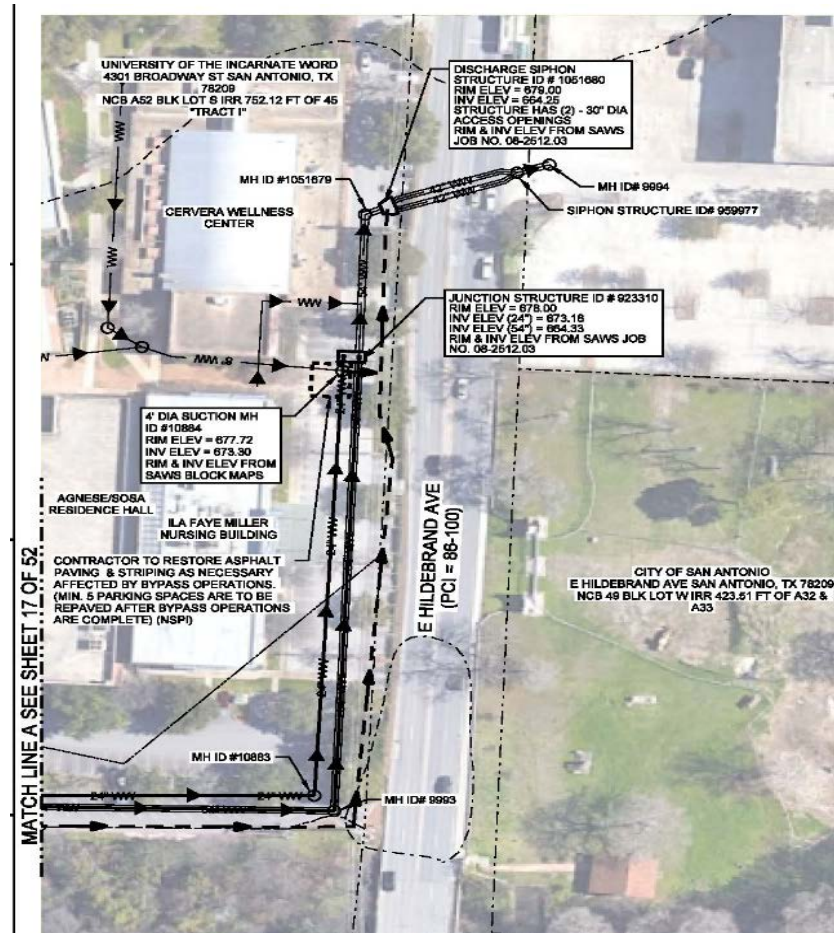
Suggested Bypass Pumping For CIPP work on existing 54-inch pipeline



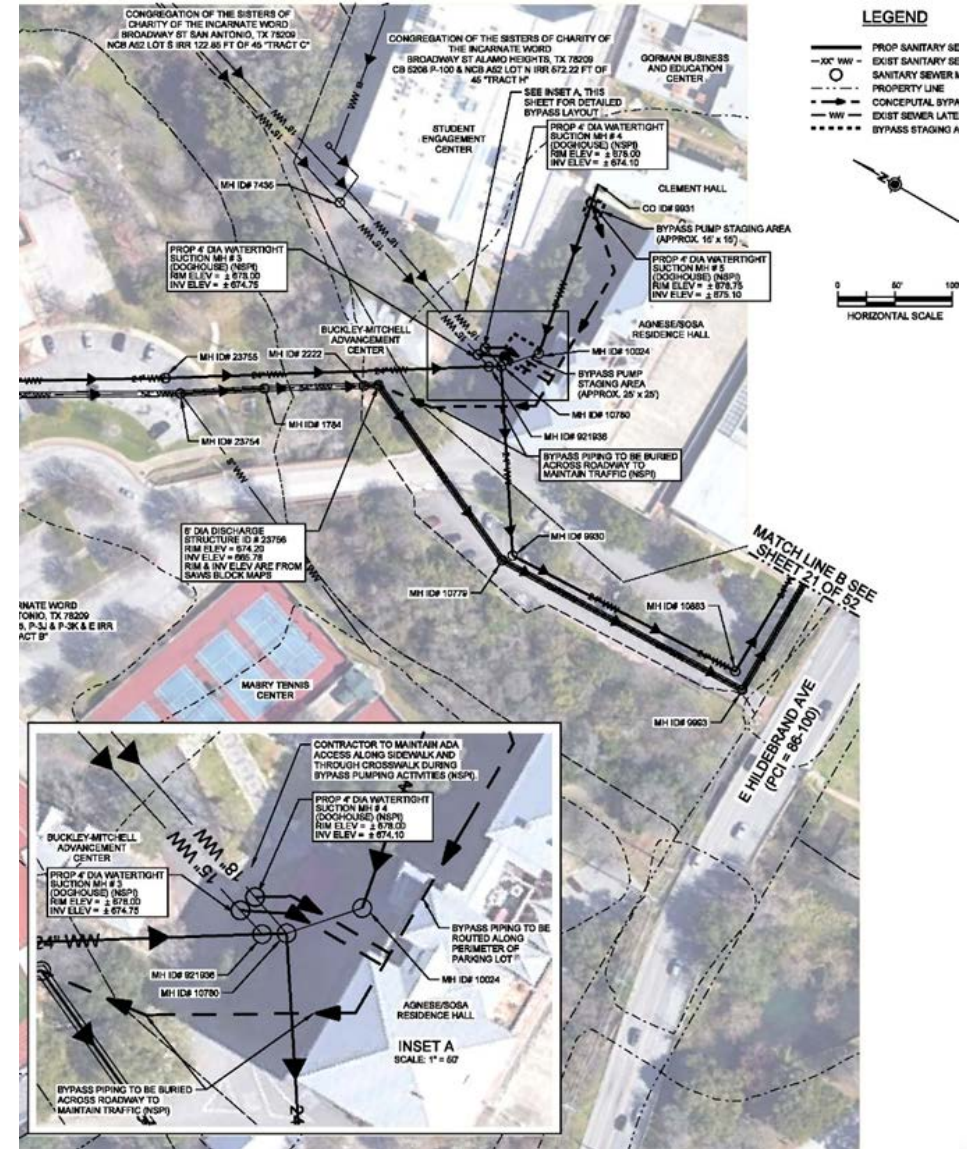
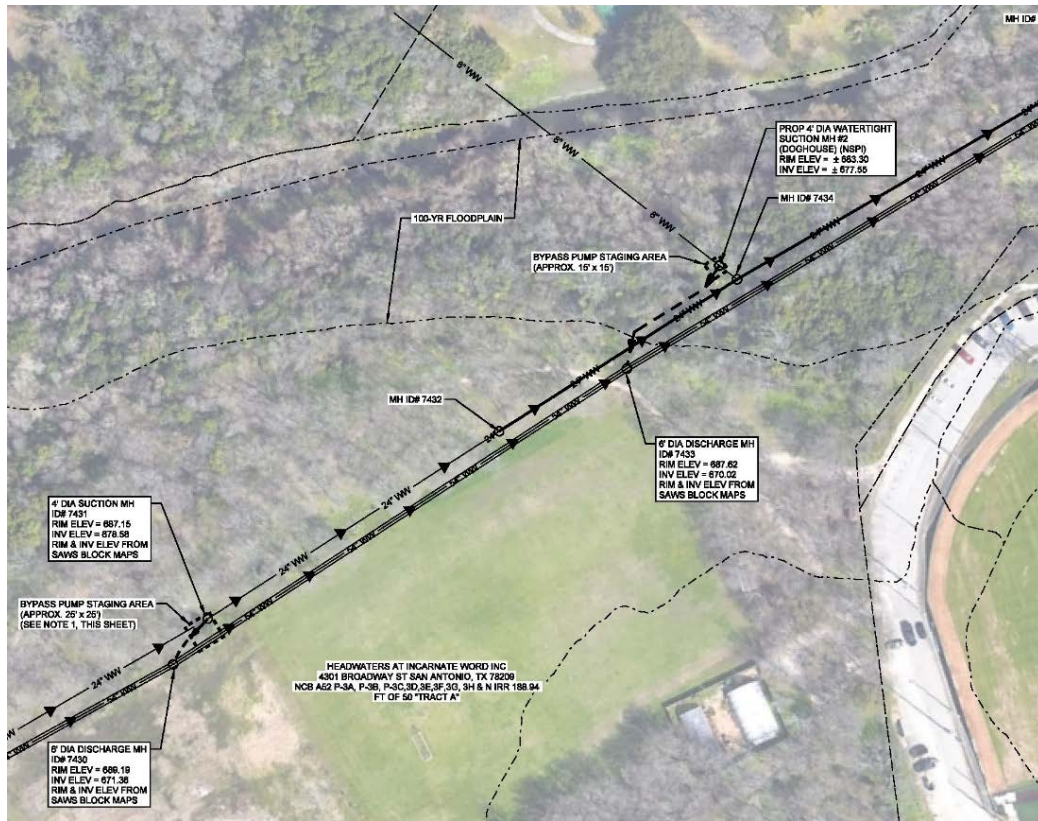
BYPASS FLOW DATA

SUCTION MH 10778		
SIZE	54	INCHES
ADWF	11.38	MGD
PDWF	16.30	MGD
PWWF	47.78	MGD

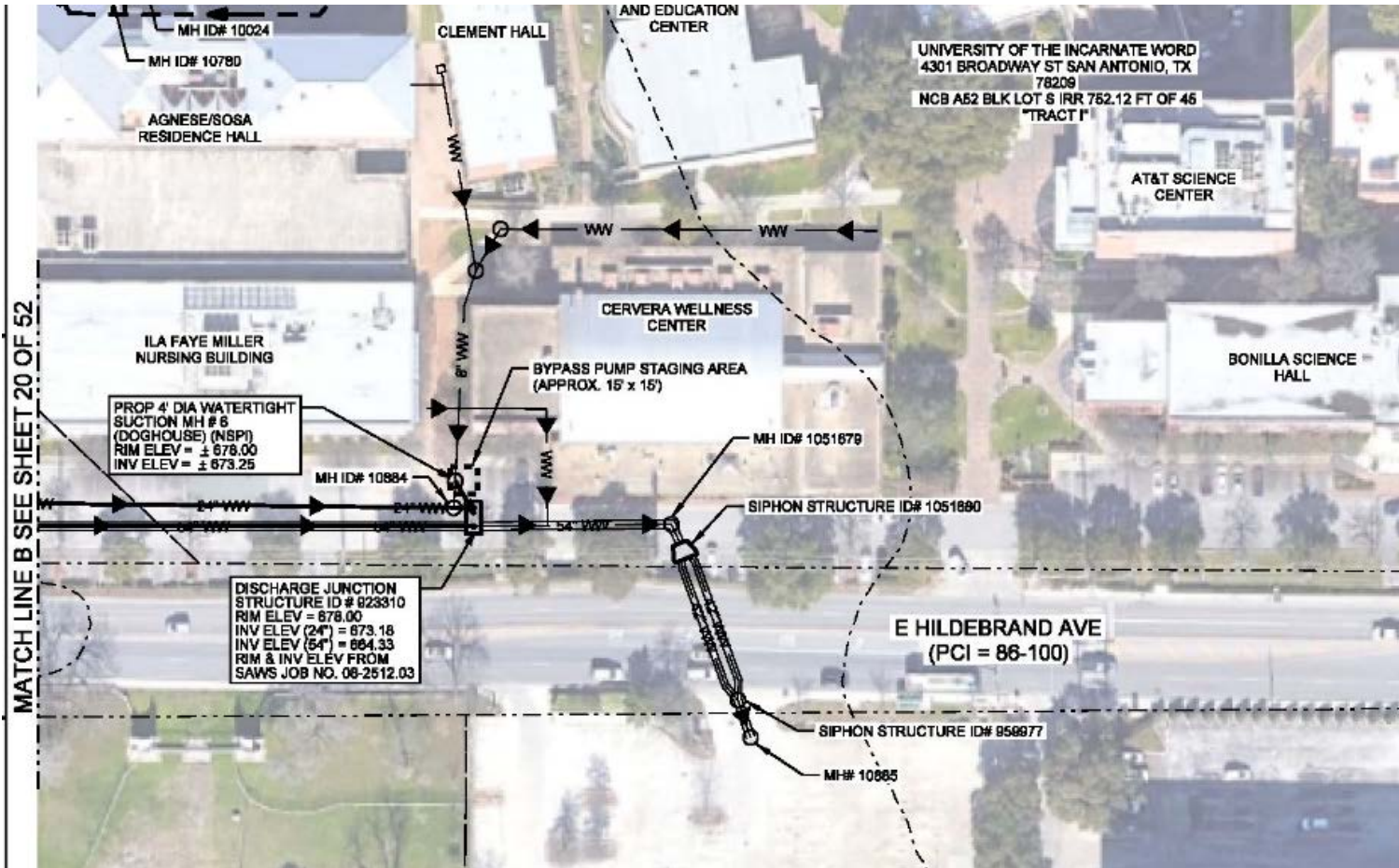
Suggested Bypass Pumping For CIPP work on existing 54-inch pipeline



Suggested Bypass Pumping For CIPP work on existing 24-inch & 8-inch pipeline

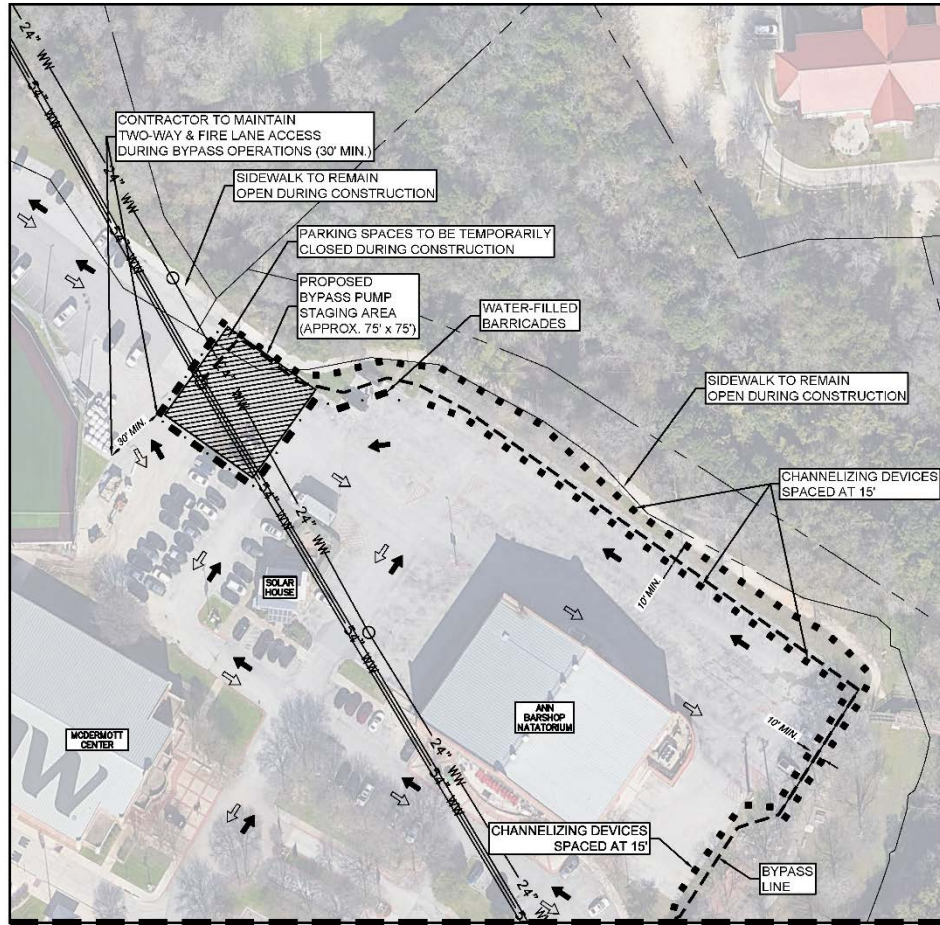


Suggested Bypass Pumping For CIPP work on existing 24-inch pipeline



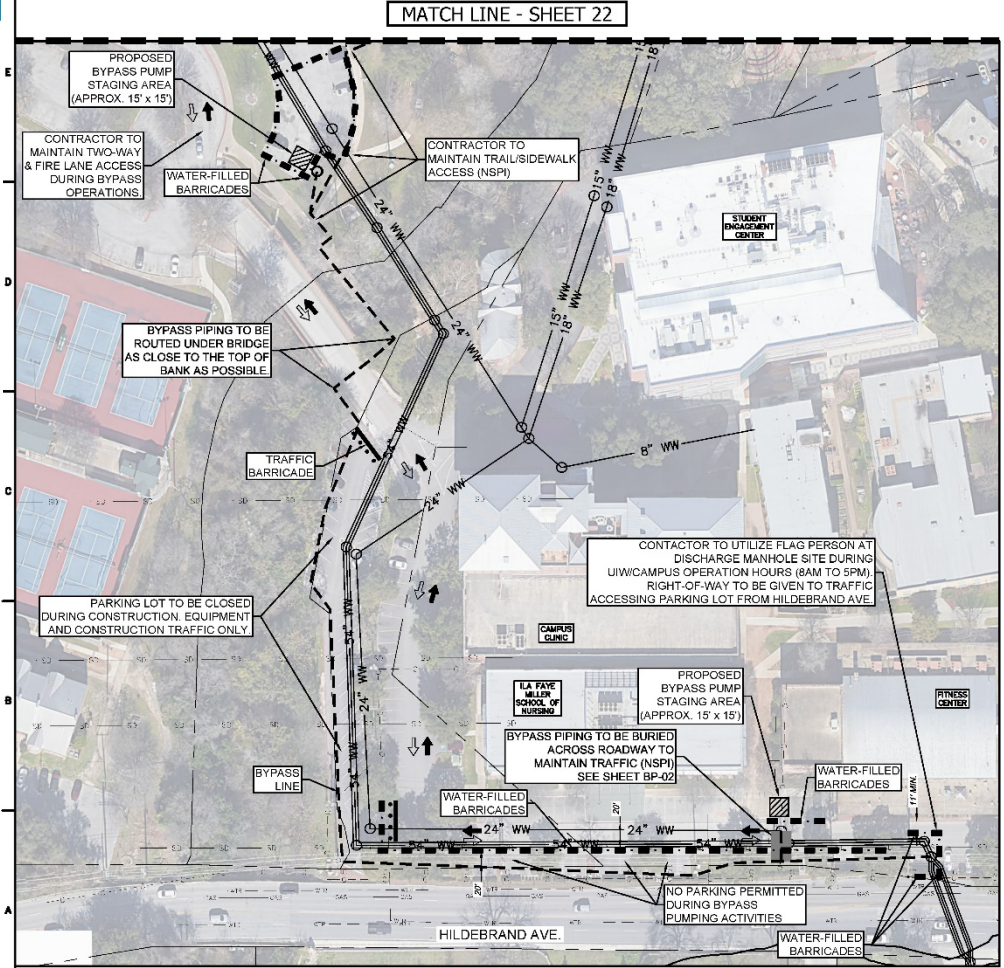
Suggested Traffic Control Plan

During CIPP work on existing 54-inch pipeline



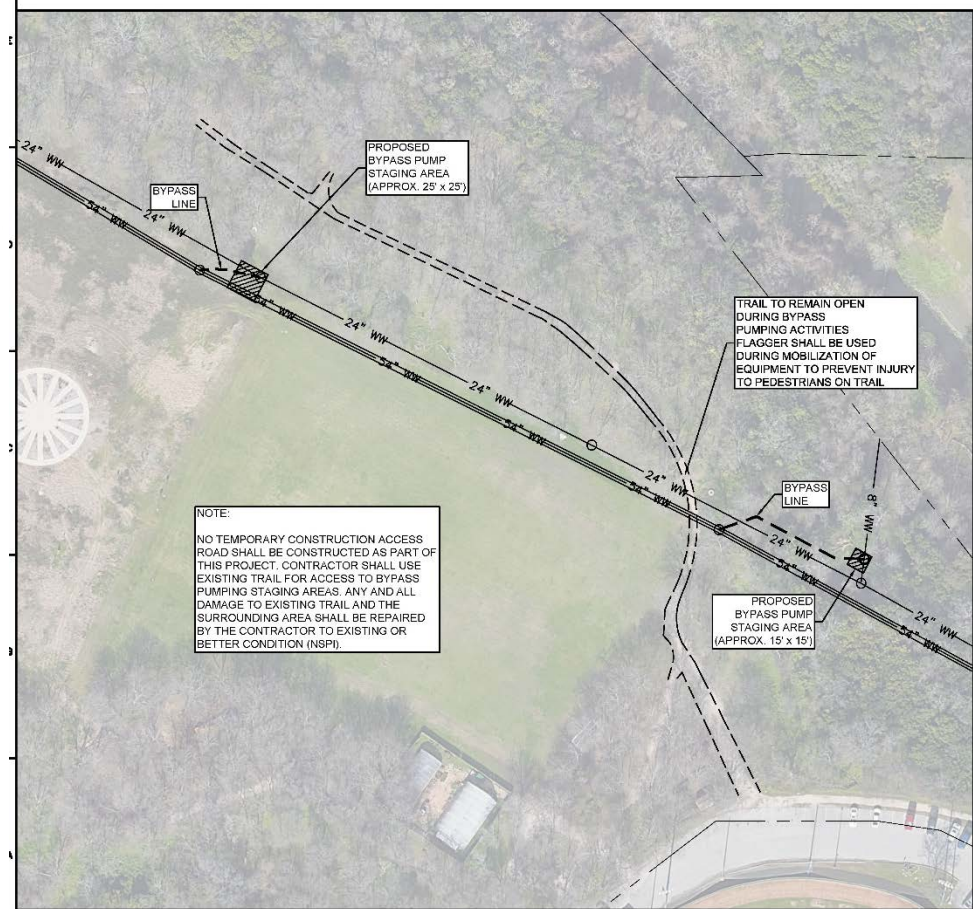
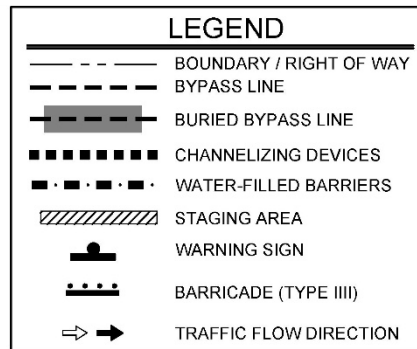
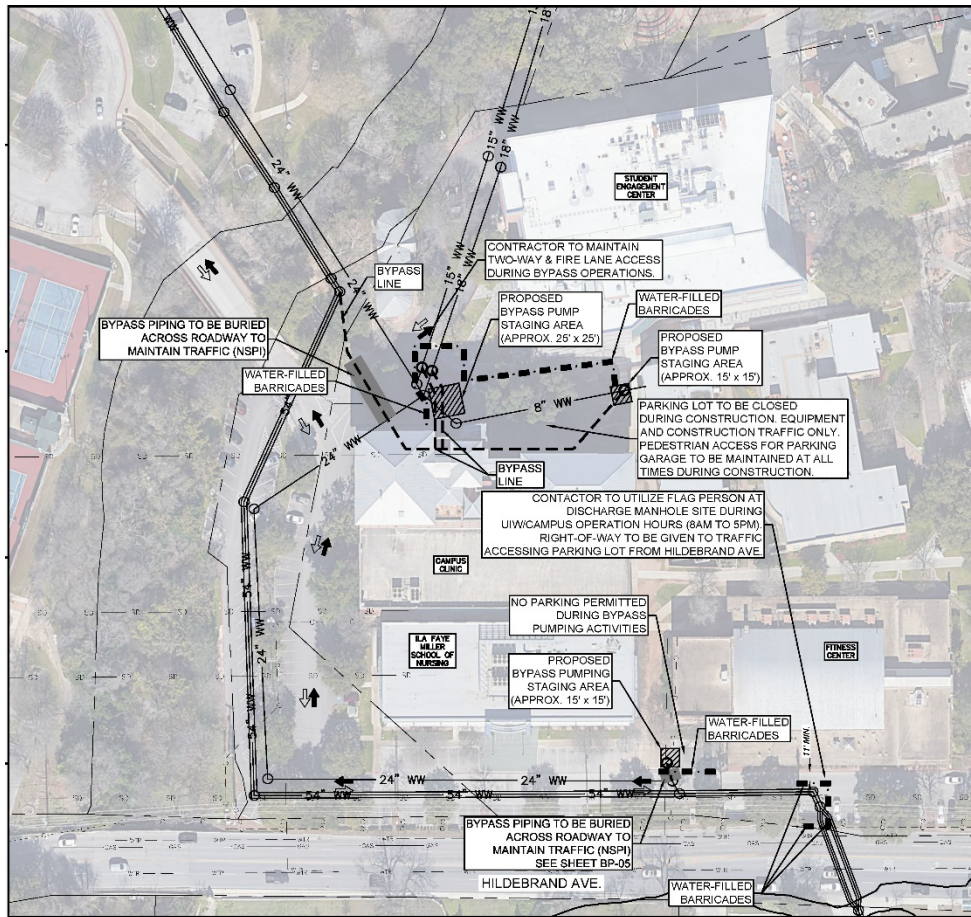
MATCH LINE - SHEET 23

LEGEND	
	BOUNDARY / RIGHT OF WAY
	BYPASS LINE
	BURIED BYPASS LINE
	CHANNELIZING DEVICES
	WATER-FILLED BARRIERS
	STAGING AREA
	WARNING SIGN
	BARRICADE (TYPE III)
	TRAFFIC FLOW DIRECTION



Suggested Traffic Control Plan

During CIPP work on existing 24-inch & 8-inch pipelines



QUESTIONS?

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