

# Medio Creek Admin. Foundation Remediation/Pier Project

John Powers

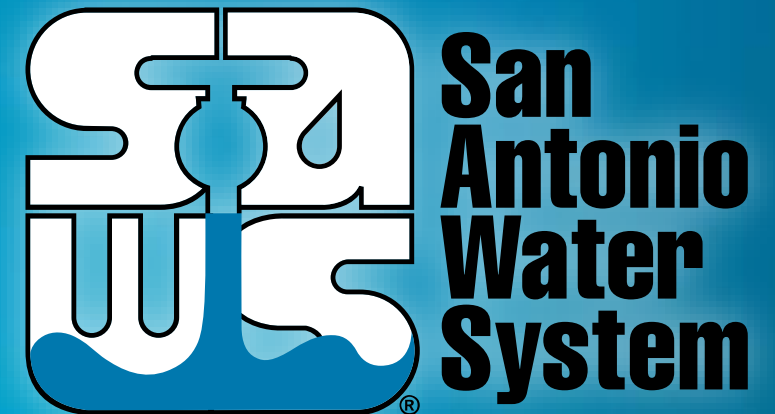
Superintendent-Facility Maintenance

Stella Manzello

Contract Administrator

Susan Rodriguez

SMWVB Program Specialist, SAWS



Mandatory Pre-Bid Meeting

February 9, 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
- SMWVB Requirements
- Contract Solicitation Website – Recent Changes
- Vendor Registration
- Key Reminders
- IFB Schedule
- Bid Packet Preparation
- Contract Requirements
- Project Overview
- Statement of Bidder's Experience
- Special Conditions
- Supplemental Conditions
- Project Details

# General Information

- This is a Mandatory pre-bid meeting
- Attendees must sign-in via chat on WebEx
- Firms that are represented here today by signing in on the sign-in sheet may submit as a prime contractor for this project
- This presentation and the attendance sheet will be posted to the SAWS website
- Key project information:
  - Construction duration is 90 calendar days
  - Construction estimate \$72,000.00
- 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.

## Accepted SMWB Certification Agency

- **South Central Texas Regional Certification Agency**

(Includes the Texas Historically Underutilized Business “HUB” Program, MBE, WBE, SBE)

### Minimum Qualifications for SMWB 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 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](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>

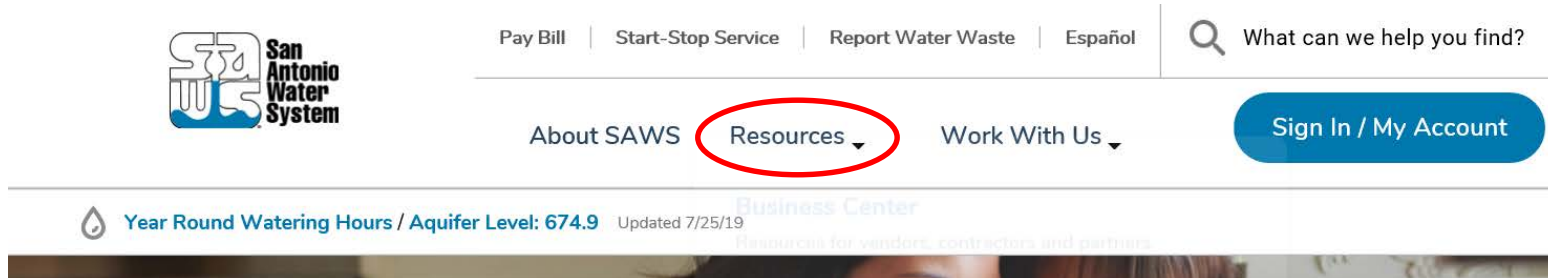


The screenshot displays the homepage of the San Antonio Water System's Subcontractor Payment & Utilization Reporting System. The page features a blue header with the San Antonio Water System logo on the left, the text "OUR MAIN SITE" in the center, and a "CONTACT SUPPORT" button on the right. The main 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" (with a description and a "Training" button), "About the System" (with a description and an "Information for Vendors" button), and "Account Access" (with descriptions and buttons for "Account Lookup" and "Forgot Password"). At the bottom, a footer states: "The Subcontractor Payment & Utilization Reporting System is powered by B2Cnow Software © Copyright 2018."



# 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



The screenshot shows a website interface for a project advertisement. It features three main sections: a meeting notice, a notification subscription, and a plan holders list. Below these is a 'Downloads' section with two entries for 'Specifications' and 'Plans', both dated Jul. 31, 2019, and marked as locked documents.

**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**  
Receive updates sent straight to your inbox.  
[Subscribe](#)

**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](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 staff up.
- 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, SAWWS is implementing new procedures for the submission of bids.
- Bids will be received Electronically.
- Electronic bids will be received via the secure SAWWS FTP site.

# IFB Schedule

## Questions Due

Thursday – 2/11/21 – 4:00 PM(CT)

## Bids Due

Friday – 2/19/21 - 10:00 am (CT)



## Answers Posted

Monday – 2/15/21 – 4:00 pm (CT)

# 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
- 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 SAWWS

# Contract Requirements

- Insurance requirements are found in Section 5.7 of the GCs
  - Pollution Liability & Installation Floater is required
  - Maintain insurance coverage during the construction of this Project
- Compliant prior to executing the contract
  - Any deficiencies must be corrected prior to Board award



# Contact Information

<u>Contact Name</u>	<u>Title</u>	<u>Telephone Number</u>	<u>Email address</u>
Stella Manzello	Contract Administrator	210-233-3854	<a href="mailto:Stella.Manzello@saws.org">Stella.Manzello@saws.org</a>
Marisol V. Robles	SMWVB Program Manager	210-233-3420	<a href="mailto:Marisol.Robles@saws.org">Marisol.Robles@saws.org</a>

# Project Overview

- Contractor is responsible to have a Licensed Structural Engineer Seal of approval for all planned work to be done.
- Utility Locates and Permits
- Removal of needed flatwork (sidewalks, pouches and slaps) for installation of piers. To include sidewalks, front and rear porches, slaps, etc....
- Coordinate removal of any vegetation Saw's is planning to reuse after project.
- Any excavation required for installation of piers.
- Core drilling for interior piers installation.
- Provide temporary supports for porch roof systems front and rear porches.
- Reinstall new post columns for porches, once new concrete slabs for porches are completed.
- Installation of Concentric Steel Piers (push piers). Exterior foundation perimeter and designated interior areas.

# Project Overview (Con't)

- Installation of expansion foam to fill voids under slab where piers installed exterior and interior.
- Interior concrete replacement work for holes drilled for interior piers. Finished concrete to be to acceptable level and finish for reinstallation of floor coverings.
- Back fill of all excavations. Top 2" of cover with new top soil.
- Reinstall all removed flatwork and slabs to match existing in size, depth, finish and construction. To include rebar and expansion joints to match existing. To included sidewalks, porches, slabs and other removed or damaged flatwork.
- Removal and disposal off site of concrete, dirt and other debris from project.
- Backfill of any yard ruts or other damage to yards, with new top soil.
- Irrigation system repairs and/or replacement of any removed or damaged parts of system (piping, wiring etc.). Replacement materials and parts to match existing.

Note: Base bid price to include cost for up to 30 foot depth of piers.

# Contractor's Responsibilities

- The contractor is responsible to ensure that they have all tools necessary to perform the work listed above. This includes excavation equipment, all tools and equipment for installation of piers.
- All equipment and tools to be in safe operating condition.
- Closing of areas for work will be coordinated with SAWS's POC.
- Contractor to provide cones, barricades and safety caution tape if deemed necessary by the SAWS point of contact.
- Contractor responsible for cleanup and/or remediation of any spills on Saws's property. Oils, cleaners, etc....
- The contractor's employees shall ensure that all safety requirements are met. All employees must have proper PPE to perform the listed work. This includes hard hats, safety glasses, gloves, safety vests & safety harness. Foot protection.
- The contractor shall maintain a safe and clean work environment throughout the remainder of the project.

# Contractor's Responsibilities

- Contractor shall remove all waste materials, and rubbish debris from site daily.
- Contractor is responsible for restoring, repairing, and making good any damage done to SAWS property or vehicles during the performance of the project.
- Provide tree protection for existing trees.
- Contractor to provide documentation of depth of each pier. Pressure records related to the piers installation. Other standard documents or records for project normally required by Engineer.
- Removal and reinstallation of A/C units and Lab air handler unit.
- Replacement of any damaged interior floor materials (tiles, carpet, etc....) due to project.
- Repairs to any damaged plumbing, gas lines, and lines that may be damaged during lifting process.
- Coordinate with Contractor for locates of private lines. Contractor responsible for utility locates.

# Notes:

- SAWS's will provide water for project.
- SAWS's will provide designated area for Contactor to use during project.
- Power to be supplied by Contractor.
- Contractor to provide storage pod for tools and equipment if needed. Saw's is not responsible for Contractors tools, equipment and materials left at site.
- Contractor to provide port-o-let for his employees during project.

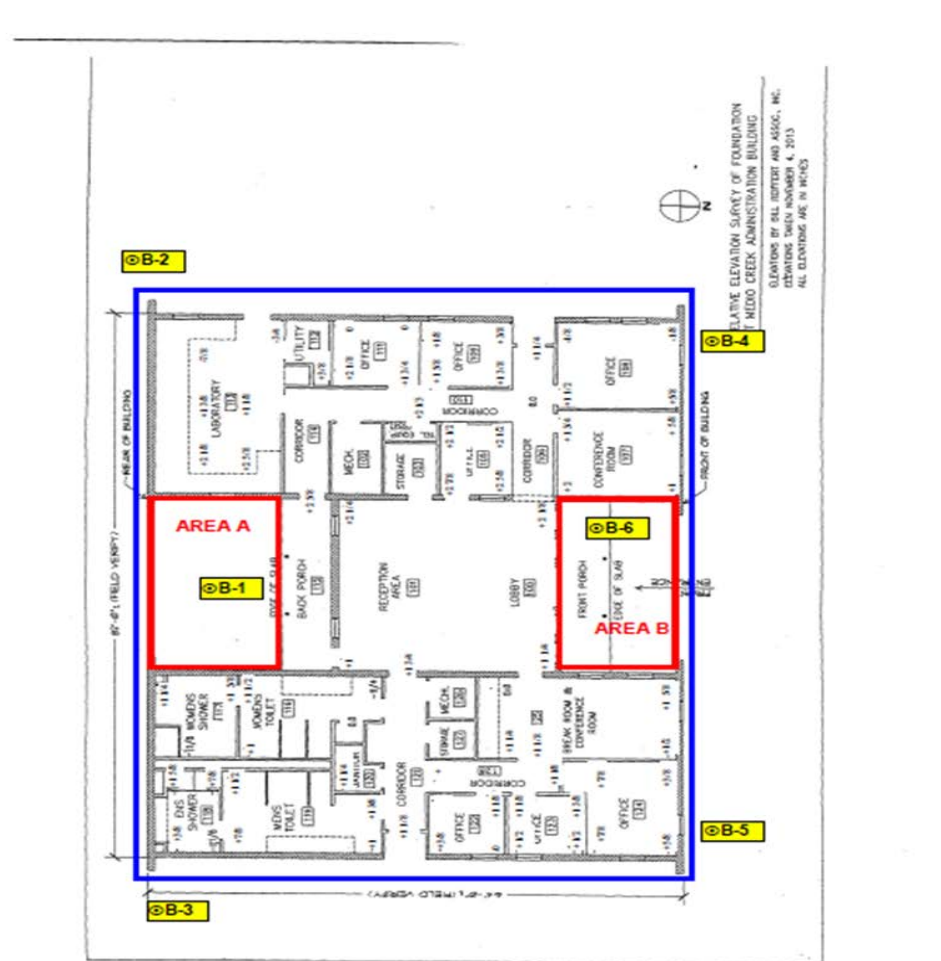
## **Working hrs.**

- Weekends Saturday ( no Sunday work) 08:00 AM until 7:00 PM
- SAWS will work with Contractor to develop schedule for any work approved for during weekdays. The WWT Plant control room must remain operating for the Plant Personnell.

## **Warranty:**

- 25 Years

# Soil Reports




Subsurface Exploration and Foundation Analysis  
 Medio Creek Administration Building  
 2231 Hunt Lane  
 San Antonio, Texas

**Approximate Boring Locations**

InTEC Project Number: S151634	Date: 04/22/2015
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# Boring No. B-1 & B-2

PROJECT: Medio Creek Administration Building		PROJECT NO: S151634		 <b>BORING NO. B-1</b>						
LOCATION: San Antonio, Texas		DATE: 06-30-2015								
CLIENT: K.M. Ng & Associates, a Division of Merrick & Company										
DEPTH (feet)	SYMBOL	SAMPLES	SOIL DESCRIPTION	MOISTURE CONTENT %	UNIT DRY WT IN PCF	S.S. BY P.P.	BLOWS PER FOOT	SHEAR STRENGTH TSF	LIQUID LIMIT	PLASTICITY INDEX
0	ST		Stiff Brown Clay	21	98			0.58		
	ST		Stiff Tan and Gray Clay - Percent Swell at 3-ft = 2.2"	23		0.6			65	47
5	AU		Tan Silty Sand - with some Clay - Minor Ground Water Seepage at 4-ft Very Stiff to Hard Tan and Gray Clay	26						
10	SS			26			19		83	59
15	SS			26			27			
20	SS			19			45			
25	SS			20			43		80	58
30	SS			19			53			
35	SS			19			48			

Notes: \* Moisture content before soaking: 23.2  
Moisture content after soaking (test): 28.1

Ground Water Observed: No      Completion Depth (ft): 35

S.S. by P.P. - Shear Strength in TSF by Hand Penetrometer      S.S. - Split Spoon Sample S.T. - Shelby Tube Sample      HA - Hand Auger AU - Auger Sample      Plate: 2

PROJECT: Medio Creek Administration Building		PROJECT NO: S151634		 <b>BORING NO. B-2</b>						
LOCATION: San Antonio, Texas		DATE: 06-30-2015								
CLIENT: K.M. Ng & Associates, a Division of Merrick & Company										
DEPTH (feet)	SYMBOL	SAMPLES	SOIL DESCRIPTION	MOISTURE CONTENT %	UNIT DRY WT IN PCF	S.S. BY P.P.	BLOWS PER FOOT	SHEAR STRENGTH TSF	LIQUID LIMIT	PLASTICITY INDEX
0	AU		Stiff Brown Clay							
5	SS		Very Stiff to Hard Tan and Gray Clay	21			20		81	59
10	SS			21			49			
15	SS			22			41			
20										
25										
30										
35										


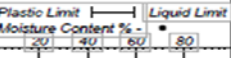
Notes: The building slab was 3.5-feet below the top of this boring. There is a retaining wall.      Ground Water Observed: No      Completion Depth (ft): 18.5


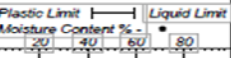
S.S. by P.P. - Shear Strength in TSF by Hand Penetrometer      S.S. - Split Spoon Sample S.T. - Shelby Tube Sample      HA - Hand Auger AU - Auger Sample      Plate: 3




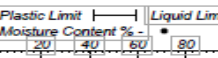



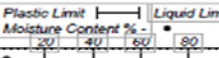
# Boring No. B-3 & B-4

PROJECT: Medio Creek Administration Building		PROJECT NO: S151634		 <b>BORING NO. B-3</b>							
LOCATION: San Antonio, Texas		DATE: 06-30-2015									
CLIENT: K.M. Ng & Associates, a Division of Merrick & Company											
DEPTH (feet)	SYMBOL	SAMPLES	SOIL DESCRIPTION	MOISTURE CONTENT %	UNIT DRY WT IN PCF	S.S. BY P.P.	BLOWS PER FOOT	SHEAR STRENGTH TSF	LIQUID LIMIT	PLASTICITY INDEX	
0			Soft to Stiff Dark Brown to Brown Clay	43			3		92	63	
5				52			6				
15			Very Stiff to Hard Tan and Gray Clay	28			13				
20				26			23				
35				23			37				
Notes: Ground Water Observed: No Completion Depth (ft): 15											
S.S by P.P - Shear Strength in TSF by Hand Penetrometer			S.S. - Split Spoon Sample S.T. - Shelby Tube Sample		HA - Hand Auger AU - Auger Sample		Plate: 4				

PROJECT: Medio Creek Administration Building		PROJECT NO: S151634		 <b>BORING NO. B-4</b>							
LOCATION: San Antonio, Texas		DATE: 06-30-2015									
CLIENT: K.M. Ng & Associates, a Division of Merrick & Company											
DEPTH (feet)	SYMBOL	SAMPLES	SOIL DESCRIPTION	MOISTURE CONTENT %	UNIT DRY WT IN PCF	S.S. BY P.P.	BLOWS PER FOOT	SHEAR STRENGTH TSF	LIQUID LIMIT	PLASTICITY INDEX	
0			Stiff Dark Brown Clay - with a trace of Calcareous Nodules	22			13				
5				25			14		88	68	
15			Very Stiff to Hard Tan and Gray Clay	24			36				
20				25			41				
35				22			34				
Notes: Ground Water Observed: No Completion Depth (ft): 15											
S.S by P.P - Shear Strength in TSF by Hand Penetrometer			S.S. - Split Spoon Sample S.T. - Shelby Tube Sample		HA - Hand Auger AU - Auger Sample		Plate: 5				










# Boring No. B-5 & B-6

PROJECT: Medio Creek Administration Building		PROJECT NO: S151634		 <b>BORING NO. B-5</b>							
LOCATION: San Antonio, Texas		DATE: 06-30-2015									
CLIENT: K.M. Ng & Associates, a Division of Merrick & Company											
DEPTH (feet)	SYMBOL	SAMPLES	SOIL DESCRIPTION	MOISTURE CONTENT %	UNIT DRY WT IN PCF	S.S. BY P.P	BLOWS PER FOOT	SHEAR STRENGTH TSF	LIQUID LIMIT	PLASTICITY INDEX	
0			Fill: Brown Clay - with Gravel	20			4				
		SS					18			77	52
15		SS	Tan Sandy Clay - with Gravel	14			15				
		SS	Very Stiff to Hard Tan and Gray Clay				22				
10		SS		26							
15		SS		23			38				
20											
25											
30											
35											
Notes:				Ground Water Observed: No		Completion Depth (ft): 15					
S.S by P.P - Shear Strength in TSF by Hand Penetrometer		S.S. - Split Spoon Sample S.T. - Shelby Tube Sample		HA - Hand Auger AU - Auger Sample		Plate: 6					

PROJECT: Medio Creek Administration Building		PROJECT NO: S151634		 <b>BORING NO. B-6</b>							
LOCATION: San Antonio, Texas		DATE: 05-07-2015									
CLIENT: K.M. Ng & Associates, a Division of Merrick & Company											
DEPTH (feet)	SYMBOL	SAMPLES	SOIL DESCRIPTION	MOISTURE CONTENT %	UNIT DRY WT IN PCF	S.S. BY P.P	BLOWS PER FOOT	SHEAR STRENGTH TSF	LIQUID LIMIT	PLASTICITY INDEX	
0			Concrete Slab = 8-inches Gravel = 8-inches	4							
		AU									
		ST	Brown Clay - with Gravel	16					57	36	
		ST	Tan Clay	24							
		ST	- with a trace of Caliche - Percent Swell at 4.5-ft = 2.3*	25					78	57	
5		ST	Tan and Gray Clay	24							
		ST		25							
		ST		27					82	50	
		ST		24							
		ST		27					75	53	
10		ST		26							
15											
20											
25											
30											
35											
Notes:				*Moisture content before soaking = 24.6 Moisture content after soaking (test) = 29.9		Ground Water Observed: No		Completion Depth (ft): 10			
S.S by P.P - Shear Strength in TSF by Hand Penetrometer		S.S. - Split Spoon Sample S.T. - Shelby Tube Sample		HA - Hand Auger AU - Auger Sample		Plate: 7					

# Classifications

**KEY TO CLASSIFICATIONS AND SYMBOLS**

<u>Soil Fractions</u>		<u>Soil or Rock Types</u> (Shown in symbols column) (Predominate Soil Types Shown Heavy)		
Component	Size Range	Silt	Clay	Marl
Boulders	Greater than 12"			
Cobbles	3" - 12"			
Gravel	3" - #4 (4.75mm)			
Coarse	3" - #4"			
Fine	#4" - #4			
Sand	#4 - #200 (0.075mm)			
Coarse	#4 - #10 (2.00mm)			
Medium	#10 - #40 (0.42mm)			
Fine	#40 - #200 (0.075mm)			
Silt and Clay	Less than #200			

**TERMS DESCRIBING SOIL CONSISTENCY**

Description (Cohesive Soils)	Unconfined Compression Test	Blows/Ft. Std. Penetration Test	Description (Cohesionless Soils)	Blows/Ft. Std. Penetration Test
Very Soft	0.25	<2	Very Loose	0 - 4
Soft	0.25 - 0.50	2 - 4	Loose	4 - 10
Firm	0.50 - 1.00	4 - 8	Medium Dense	10 - 30
Stiff	1.00 - 2.00	8 - 15	Dense	30 - 50
Very Stiff	2.00 - 4.00	15 - 30	Very Dense	50
Hard	>4.00	>30		

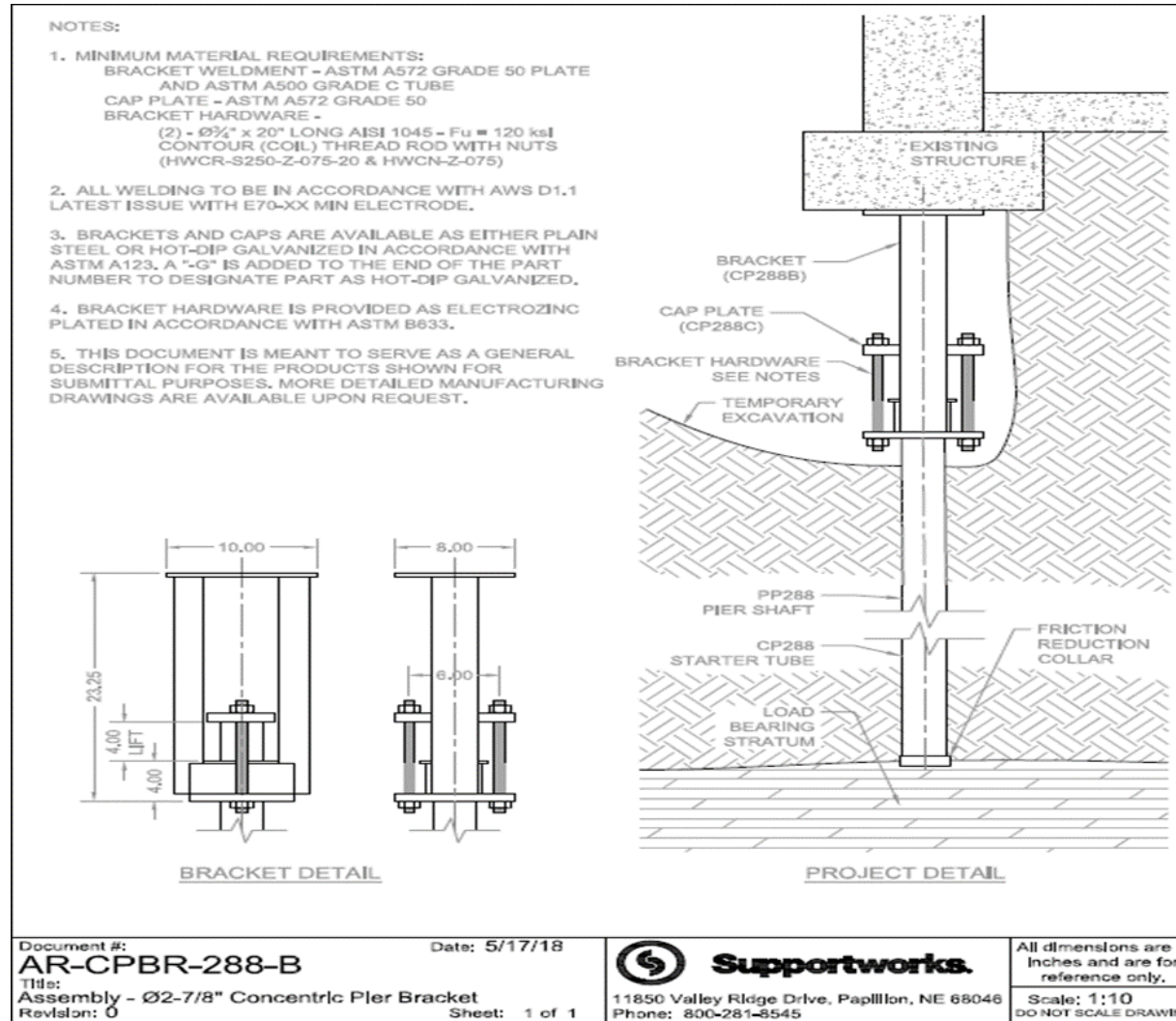
**SOIL STRUCTURE**

Calcareous	Containing deposits of calcium carbonate; generally nodular.
Slickenside	Having inclined planes of weakness that are slick and glossy in appearance.
Laminated	Composed of thin layers of varying color and texture.
Fisured	Containing shrinkage cracks frequently filled with fine sand or silt. Usually more or less vertical.
Interbedded	Composed of alternate layers of different soil types.
Jointed	Consisting of hair cracks that fall apart as soon as the confining pressure is removed.
Varved	Consisting of alternate thin layers of sand, silt or clay formed by variations in sedimentations during the various seasons of the year, of often exhibiting contrasting colors when partially dried. Each layer is generally less than 1/8" in thickness.
Stratified	Composed of, or arranged in layers (usually 1 inch or more)
Well-graded	Having a wide range of grain sizes and substantial amount of all intermediate particle sizes.
Poorly or Gap-graded	Having a range of sizes with some intermediate sizes missing.
Uniformly-graded	Predominantly of one grain size.

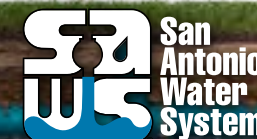
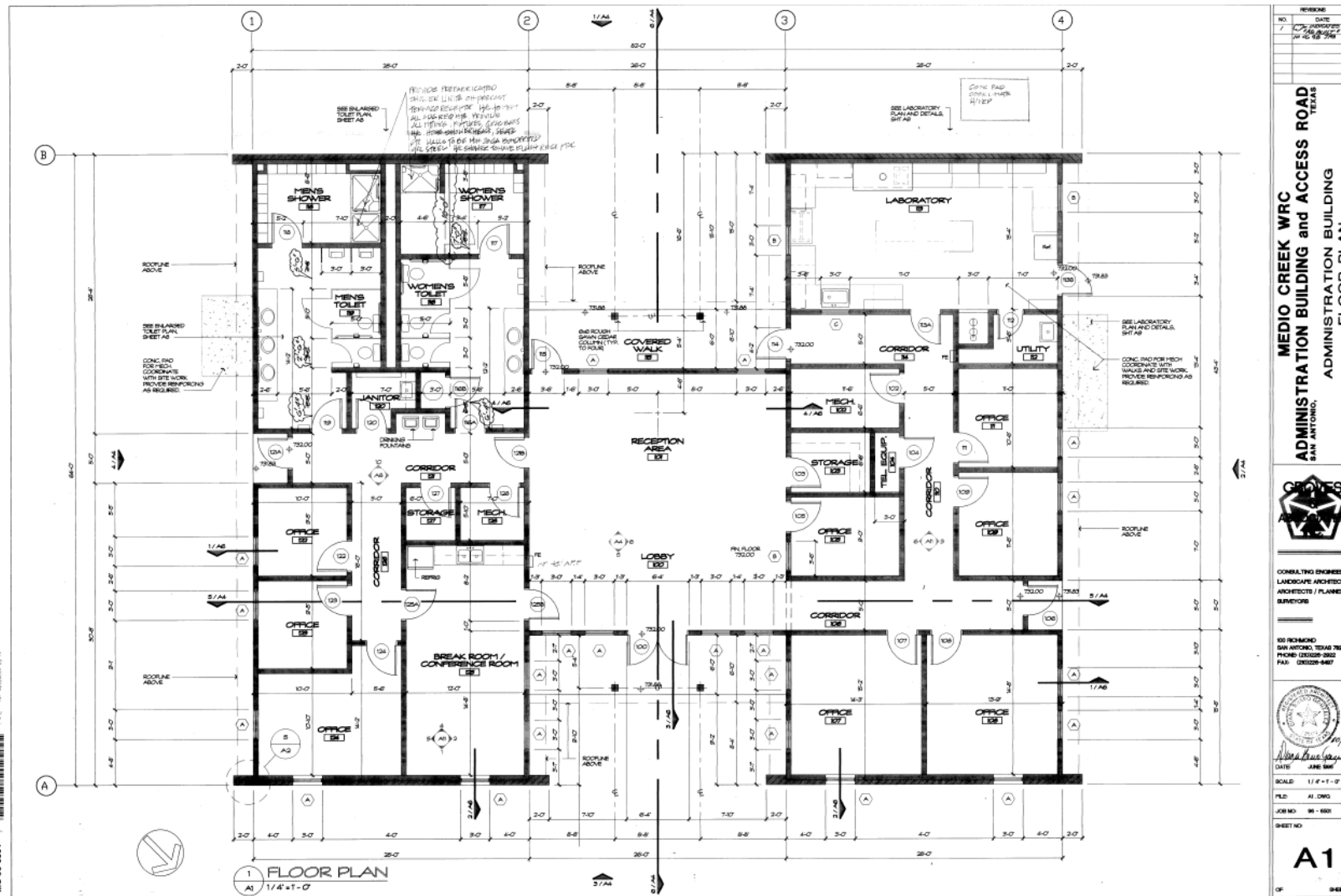
  

Subsurface Exploration and Foundation Analysis Medio Creek Administration Building 2231 Hunt Lane San Antonio, Texas	InTEC Project Number: <b>S151634</b>	Date: 04/22/2015
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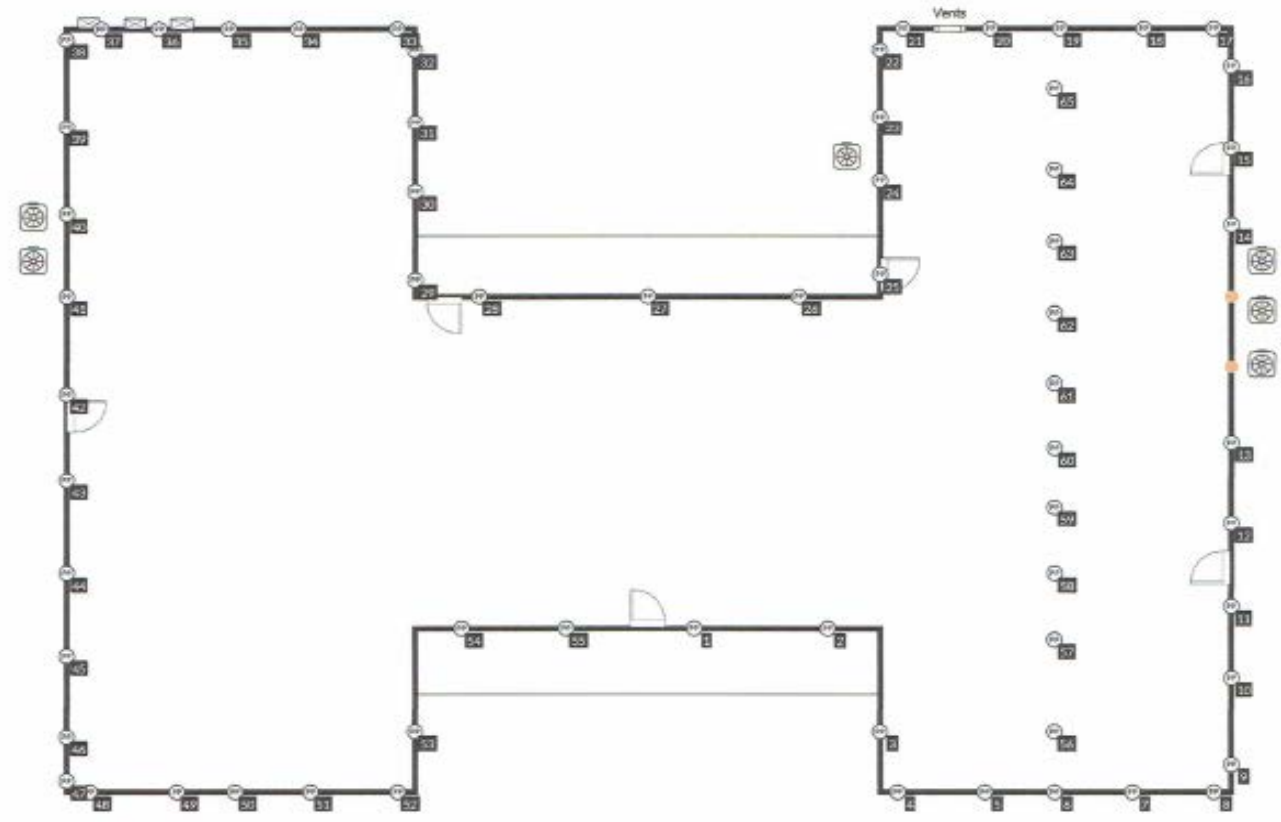
# Pier Drawing



# Medio Creek Floor Plan



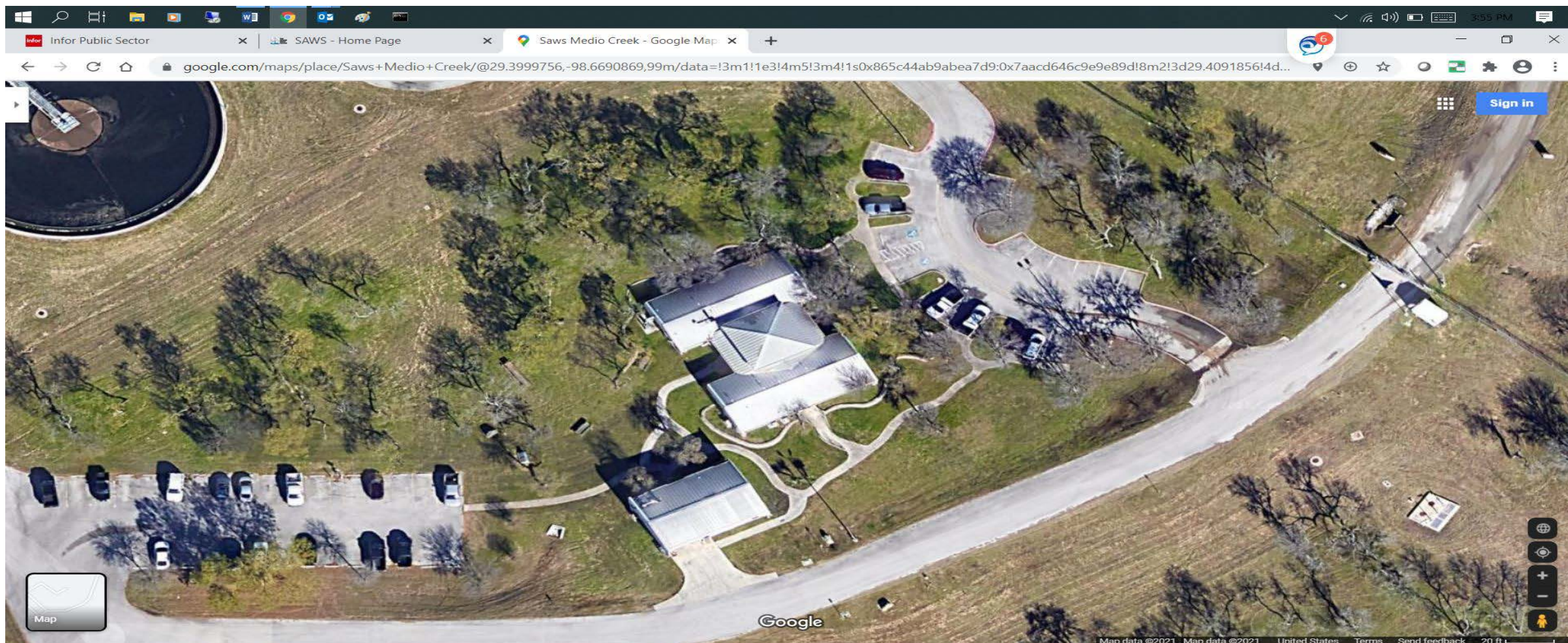
# Proposed Locates Piers



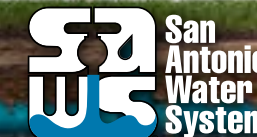
# Aerial View



# Medio Creek Map

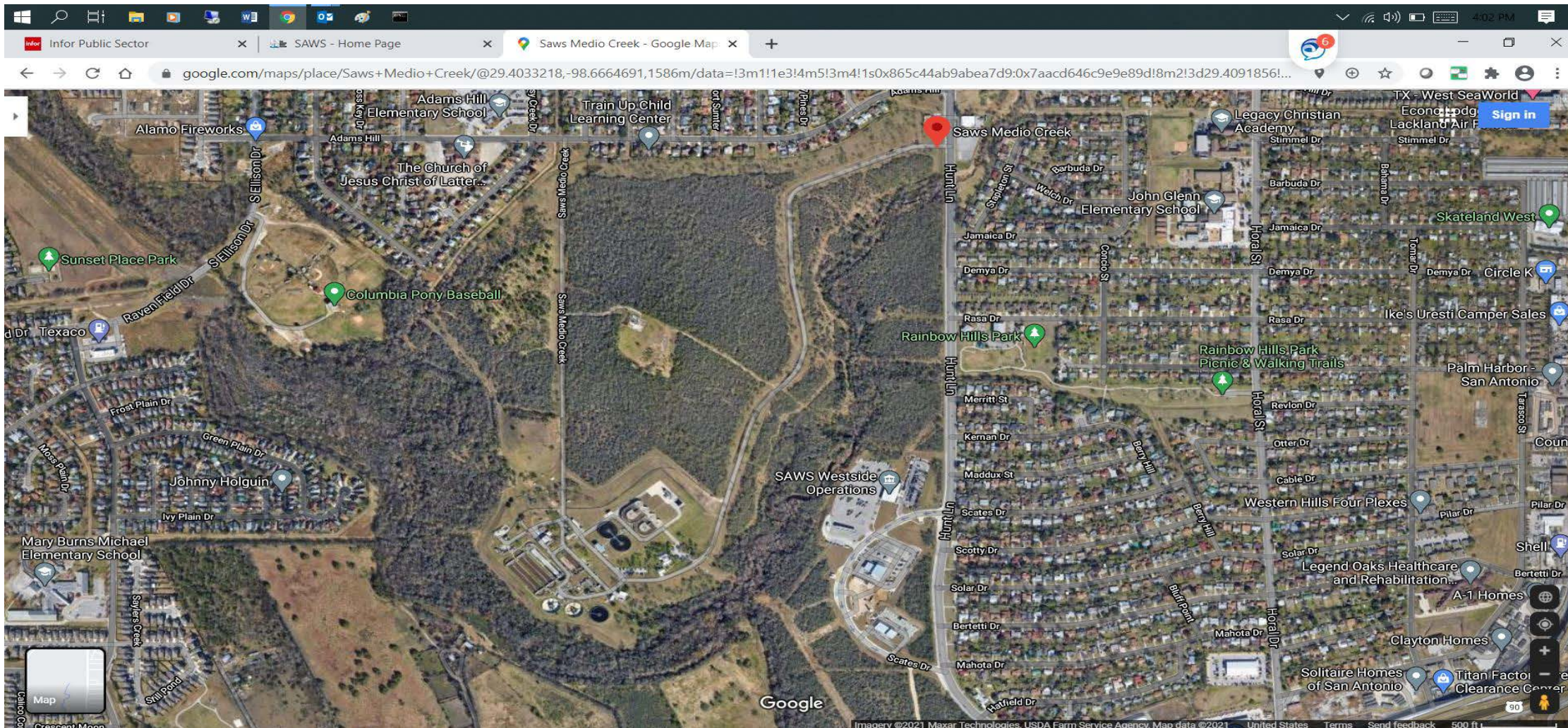


Medio Creek Admin. Foundation Remediation/Pier Project





# Medio Creek Location



Medio Creek Admin. Foundation Remediation/Pier Project



# Medio Creek Front East



# Medio Creek Rear West



Medio Creek Admin. Foundation Remediation/Pier Project

# Medio Creek Rear South



# Medio Creek North Side



# Medio Creek Admin. Foundation Remediation/Pier Project

John Powers

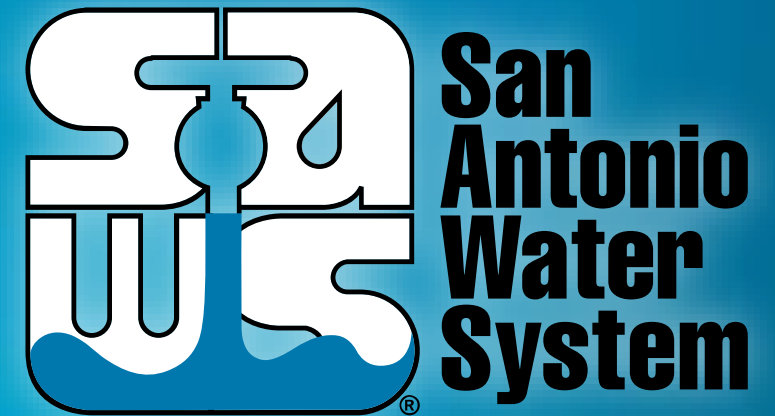
Superintendent-Facility Maintenance

Stella Manzello

Contract Administrator

Susan Rodriguez

SMWVB Program Specialist, SAWS



Mandatory Pre-Bid Meeting

February 9, 2021

MAKING SAN ANTONIO  
**WATERFUL**

