

Medio Creek Admin. Foundation Remediation/Pier Project

John Powers

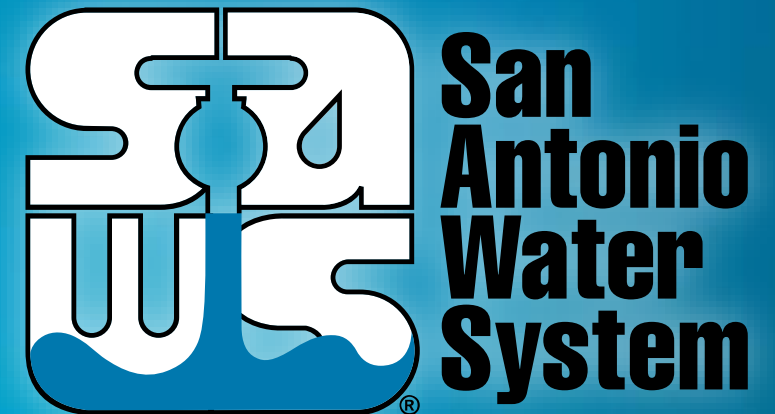
Superintendent-Facility Maintenance

Stella Manzello

Contract Administrator

Marisol Robles

SMWVB Program Manager, SAWS



Non-Mandatory Pre-Bid Meeting

March 11, 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
- Supplemental Conditions
- Special Provisions

General Information

- This is a Non-Mandatory pre-bid meeting
- Attendees must 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 90 calendar days
 - Construction estimate \$93,000.00
- 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. GFEP questions can be asked at any time before the submittal is due.

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

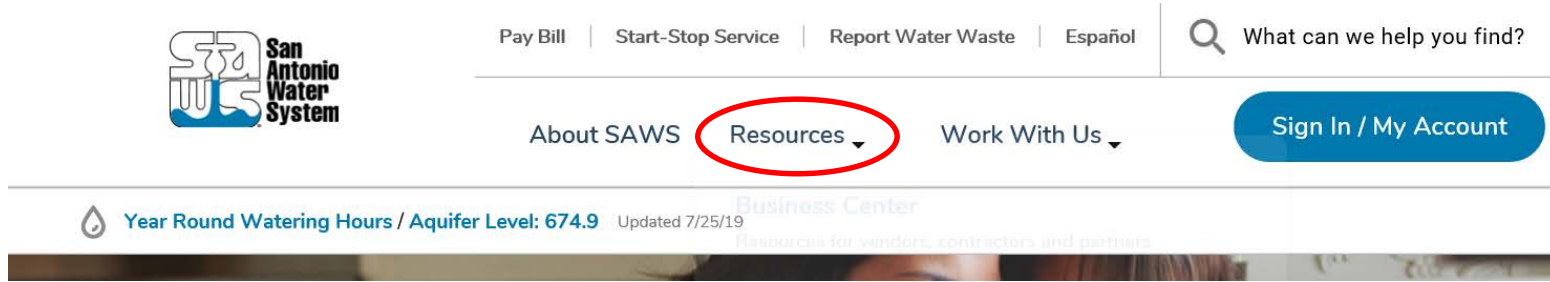
1. Subcontractor & Supplier Payment Tracking
2. Subcontractor and Supplier Additions or Substitutions
3. LCP Tracker
4. Must be Current and Accurate before Retainage is released

<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, "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. Below the title is a "Log In" button. At the bottom, there are three columns of links: "System Training" (with a "Training" button), "About the System" (with an "Information for Vendors" button), and "Account Access" (with "Account Lookup" and "Forgot Password" buttons). A footer at the very bottom 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 announcement, a notification subscription, and a plan holders list. Below these is a 'Downloads' section with two entries for 'Specifications' and 'Plans', both dated July 31, 2019, and marked as requiring login access.

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 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 any SAWWS staff.
- 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

Key Reminders – (con't)

- Bids will be received either Electronically or through Sealed bids
- Electronic bids will be received via the secure SAWVS FTP site
- Sealed bids will be received by Contract Administration, 2800 U.S. Hwy 281 North, Tower II, Customer Center Building, via a 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 SAWVS, Bidders should allow sufficient travel time

IFB Schedule

Questions Due

Tuesday – 3/16/21 – 4:00 PM(CT)

Bids Due

Wednesday – 3/31/21 - 10:00 am (CT)



Answers Posted

Friday – 3/19/21 – 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

- 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
 - 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	Stella.Manzello@saws.org
Marisol V. Robles	SMWVB Program Manager	210-233-3420	Marisol.Robles@saws.org

Project Overview

- Review of provided documents.
- 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....
- Any excavation required for installation of piers.
- 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 expansion foam to fill voids under slab where piers installed exterior and interior.

• Back fill of all excavations. Top 2" of cover with new top soil.
Medio Creek Admin. Foundation Remediation/Pier Project

Project Overview (Con't)

- 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.
- The plan to lift and flatten and stabilize the foundation.
- Contractors are **HIGHLY** encouraged to schedule a site visit with John Powers so that information can be gathered.
- For the interior piers, tunneling under the slab is a suggested option to install the interior piers, so we avoid damage to the interior flooring, and do not disturb the day to day operations of the building.

Project Overview (Con't)

- Concerning exterior concrete flat-work: Small breaks and the concrete to be patched where the piers are located is acceptable.
- The pier brackets are to be hot dipped galvanized steel.
- SAWS HVAC Department will assist Contractor to install or remove (if needed) a/c units, etc. this is why a site visit is highly recommended.
- Anticipated the cost of this project is \$93,000.00

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 SAWWS's POC.
- Contractor to provide cones, barricades and safety caution tape if deemed necessary by the SAWWS 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.

Contractor's Responsibilities

- The contractor shall maintain a safe and clean work environment throughout the remainder of the project.
- 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 SAWWS 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.

Notes:

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

SAWS Responsibilities:

- Repairs to any damaged plumbing, gas lines, and lines that may be damaged during lifting process.
- Contractor is responsible to notify IMMEDIATELY any SAWS personnel on site of damage to any of the above lines. Contractor MUST know where all shut off valves are in the rare event of any lines being broke. Contractor then will notify Superintendent John Powers immediately of the line breakage. John Powers is available anytime at 210-557-0864.
- Coordinate with Contractor for locates of private lines. Contractor responsible for utility locates.

Notes (Con't):

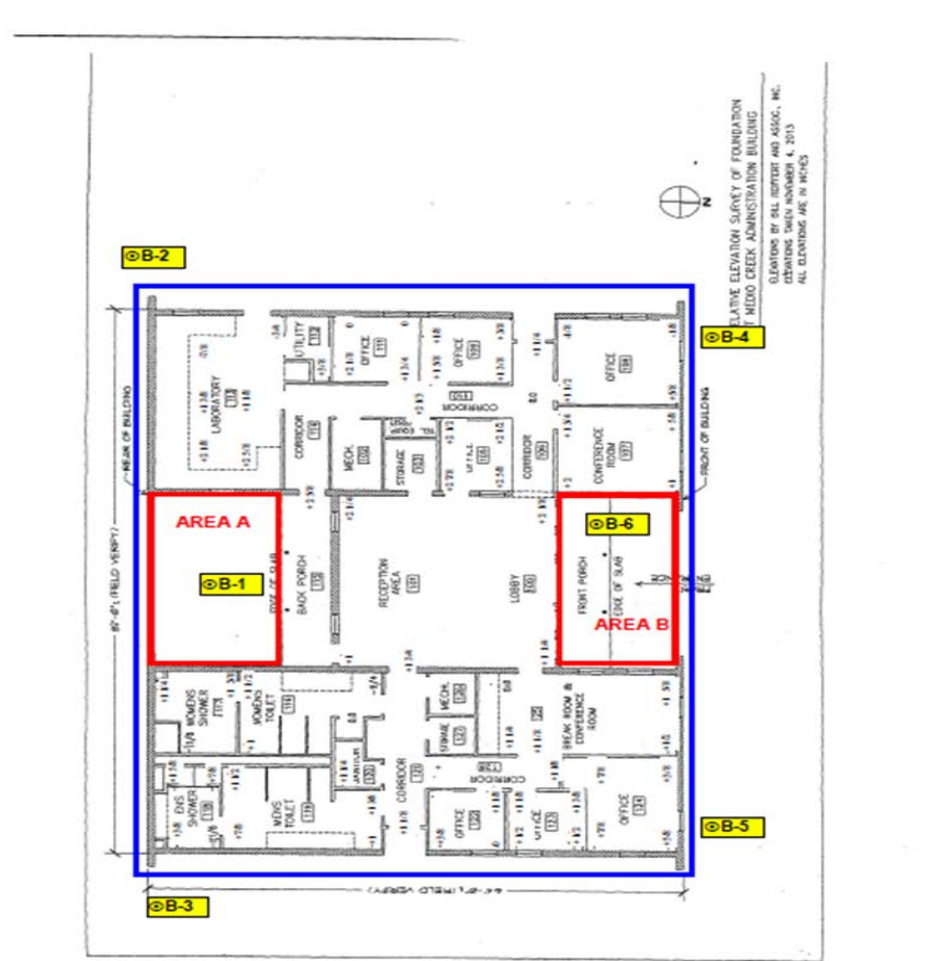
Working Hours:

- Weekdays 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.

Warranty:

- 25 Years


Soil Reports



RELATIVE ELEVATION SURVEY OF FOUNDATION
OF MEDIO CREEK ADMINISTRATION BUILDING
CONDUCTED BY S&L EDITOR AND ASSOC., INC.
ELEVATION SURVEY NUMBER: S-1513
ALL ELEVATIONS ARE IN FEET

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


Boring No. B-1 & B-2

PROJECT: Medio Creek Administration Building		PROJECT NO: S151634								
LOCATION: San Antonio, Texas		DATE: 06-30-2015								
CLIENT: K.M. Ng & Associates, a Division of Merrick & Company										
BORING NO. B-1										
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


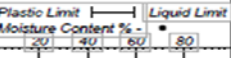
PROJECT: Medio Creek Administration Building		PROJECT NO: S151634								
LOCATION: San Antonio, Texas		DATE: 06-30-2015								
CLIENT: K.M. Ng & Associates, a Division of Merrick & Company										
BORING NO. B-2										
DEPTH (feet)	SYMBOL	SAMPLES	SOIL DESCRIPTION	MOISTURE CONTENT %	UNIT DRY WT 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										


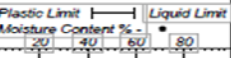
Notes: The building slab was 3.5-feet below the top of this boring. There is a retaining wall.

Ground Water Observed: No Completion Depth (ft): 18.5


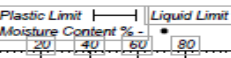
S.S. by P.P. - Shear Strength in TSF by Hand Penetrometer S.S. - Split Spoon Sample S.T. - Shelby Tube Sample HA - Hand Auger AU - Auger Sample Plate: 3


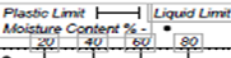
Boring No. B-3 & B-4

PROJECT: Medio Creek Administration Building		PROJECT NO: S151634		 BORING NO. B-3							
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			Very Stiff to Hard Tan and Gray Clay	52			6				
15				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		 BORING NO. B-4							
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			Very Stiff to Hard Tan and Gray Clay	25			14		88	68	
15				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		 BORING NO. B-5							
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				
15			Tan Sandy Clay - with Gravel	14			15				
			Very Stiff to Hard Tan and Gray Clay	26			22				
				23			38				
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		 BORING NO. B-6							
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							
			Brown Clay - with Gravel	16					57	38	
			Tan Clay	24					78	57	
			- with a trace of Caliche - Percent Swell at 4.5-ft = 2.3*	24							
			Tan and Gray Clay	25							
				27					82	50	
				24							
				27					75	53	
				26							
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

Soil Fractions		Soil or Rock Types (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

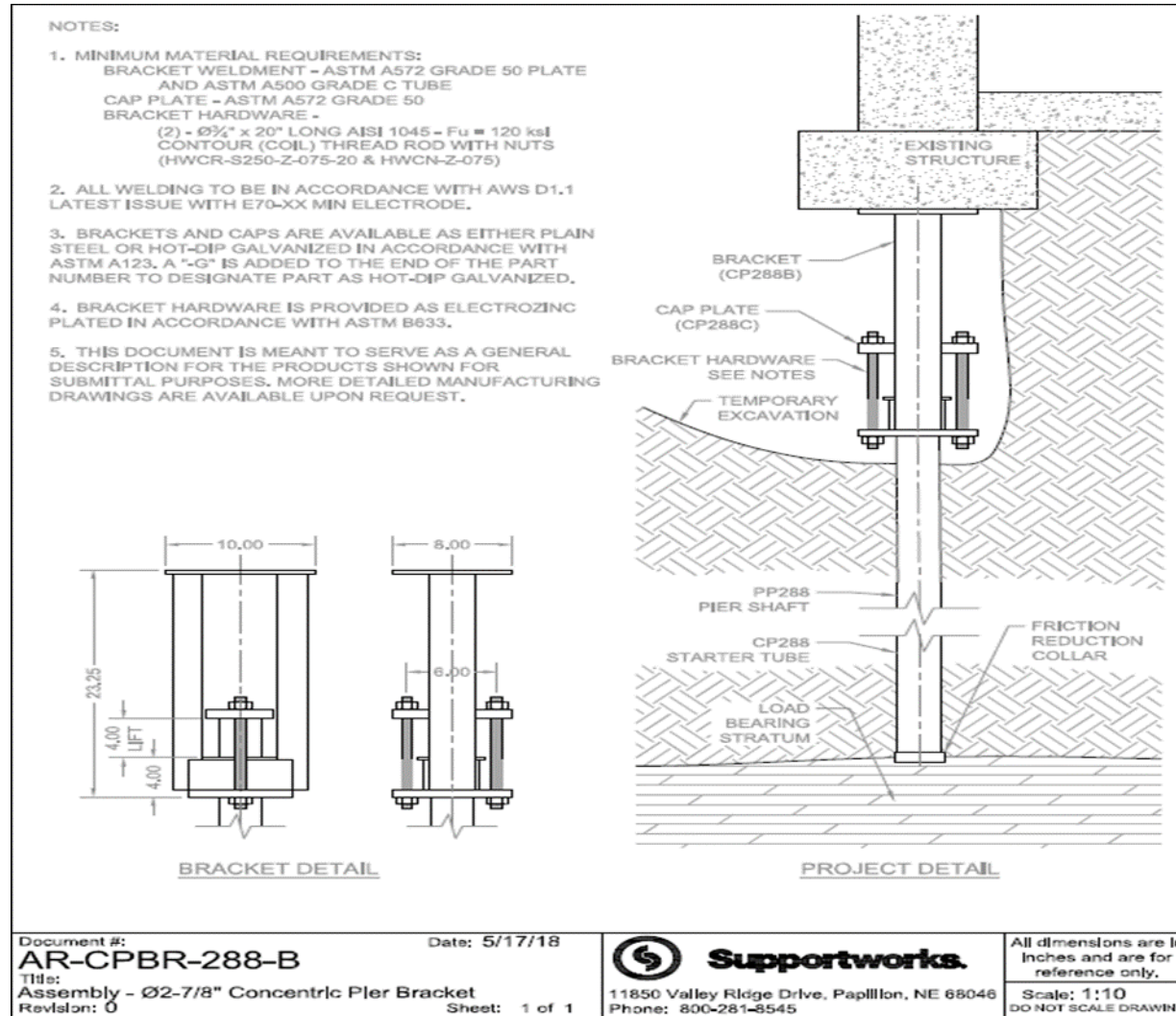
Description (Cohesive Soils)	Unconfined Compression Test	Blows/Ft. Std. Penetration Test	Description (Cohesionless Soils)	Blows/Ft. Std. Penetration Test
Very Soft	0.25	<2	Very Loose	0 - 4
Soft	0.25 - 0.50	2 - 4	Loose	4 - 10
Firm	0.50 - 1.00	4 - 8	Medium Dense	10 - 30
Stiff	1.00 - 2.00	8 - 15	Dense	30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

SOIL STRUCTURE

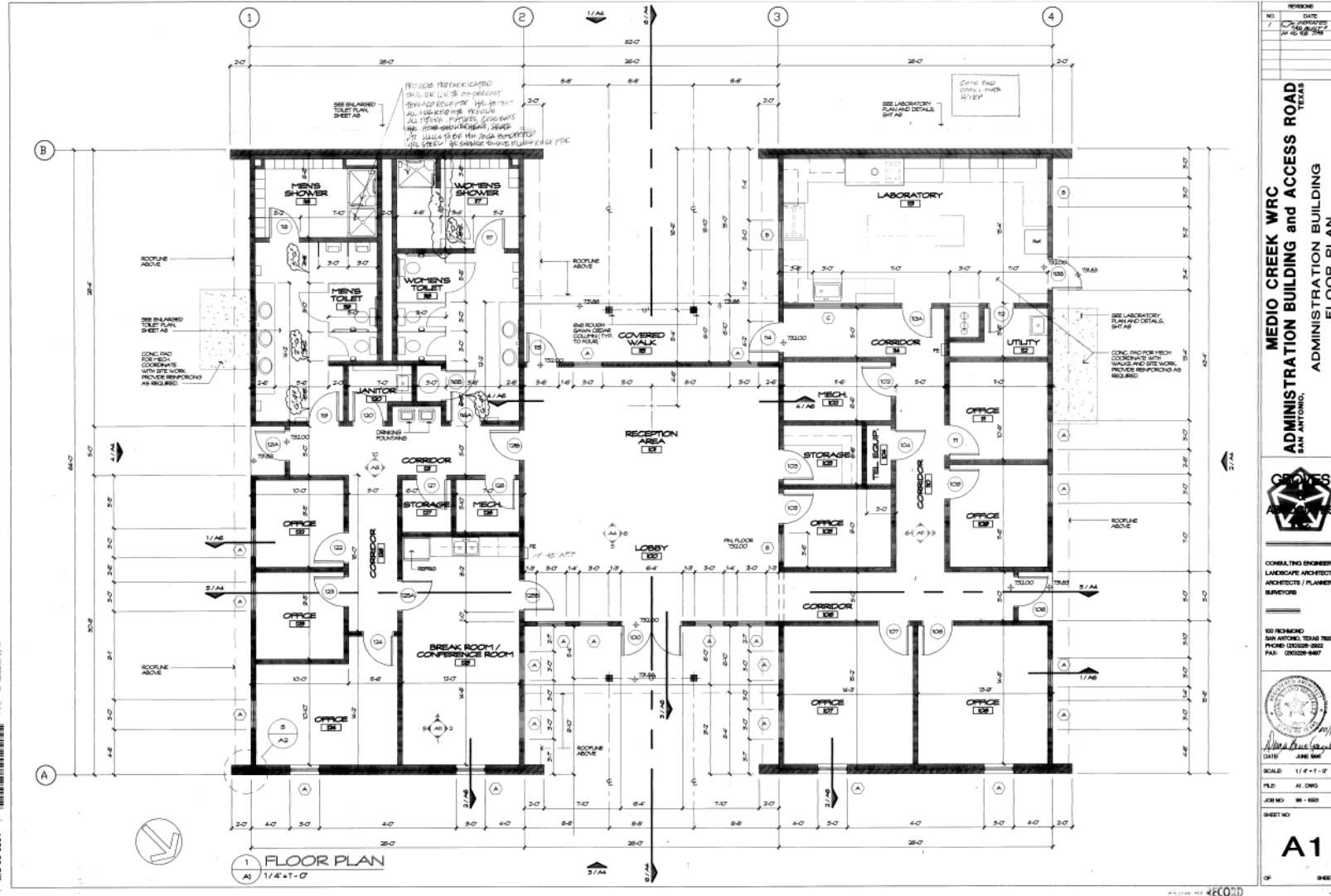
Calcareous	Containing deposits of calcium carbonate; generally nodular.
Slickenside	Having inclined planes of weakness that are slick and glossy in appearance.
Laminated	Composed of thin layers of varying color and texture.
Fisured	Containing shrinkage cracks frequently filled with fine sand or silt. 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: S151634	Date: 04/22/2015
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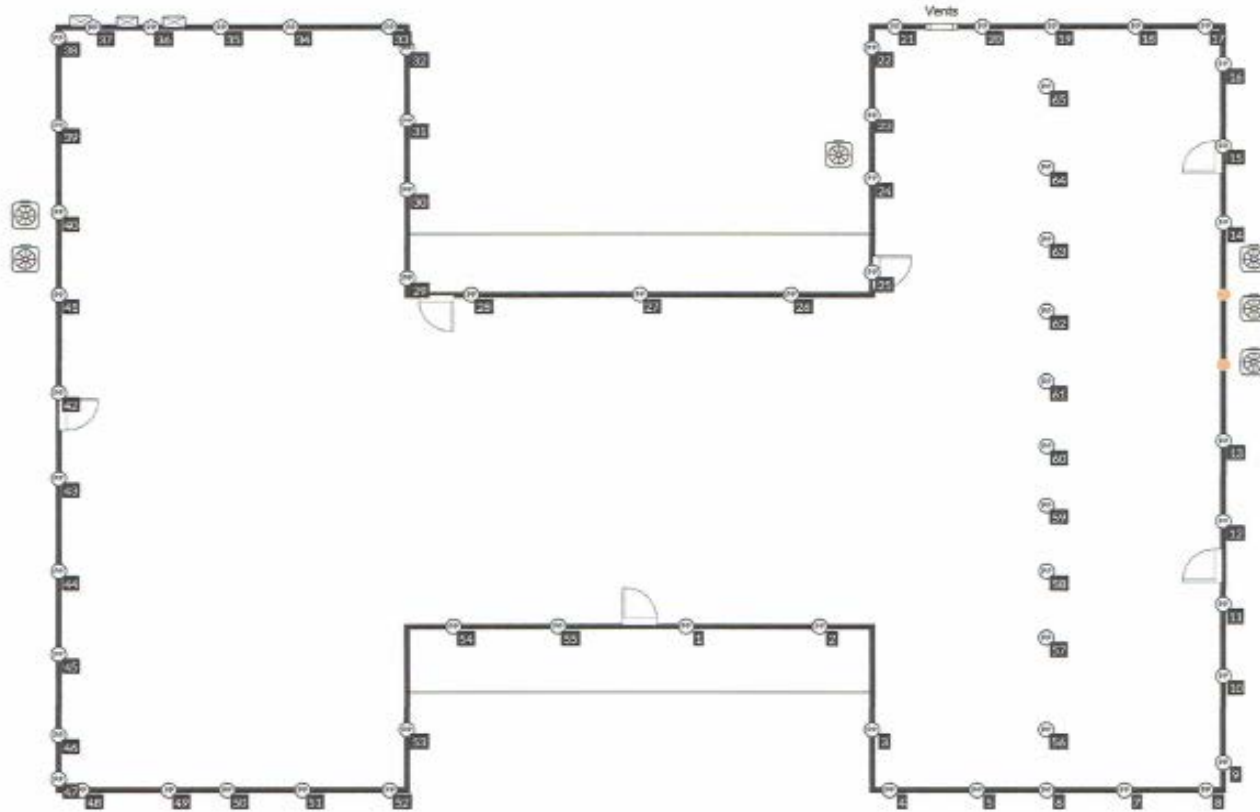
Pier Drawing



Medio Creek Floor Plan



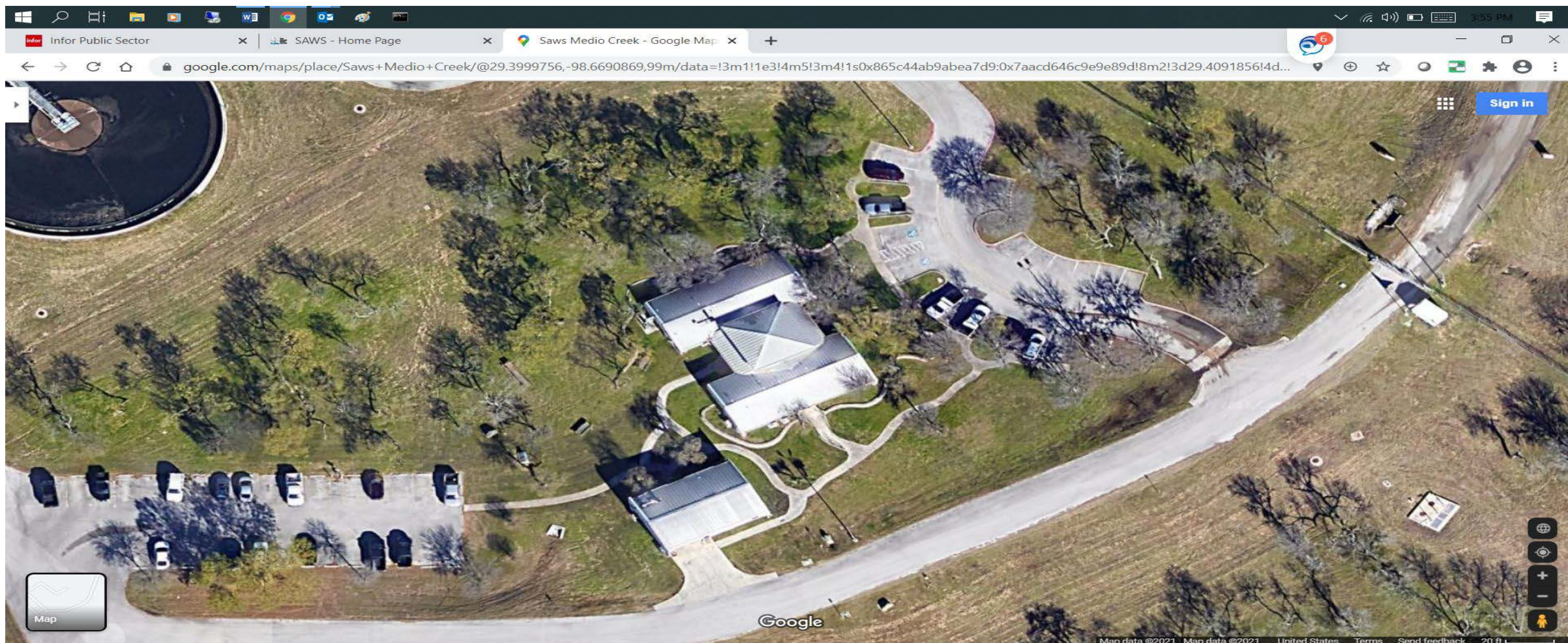
Proposed Locates Piers



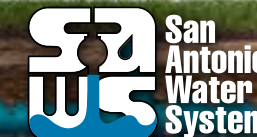
Aerial View



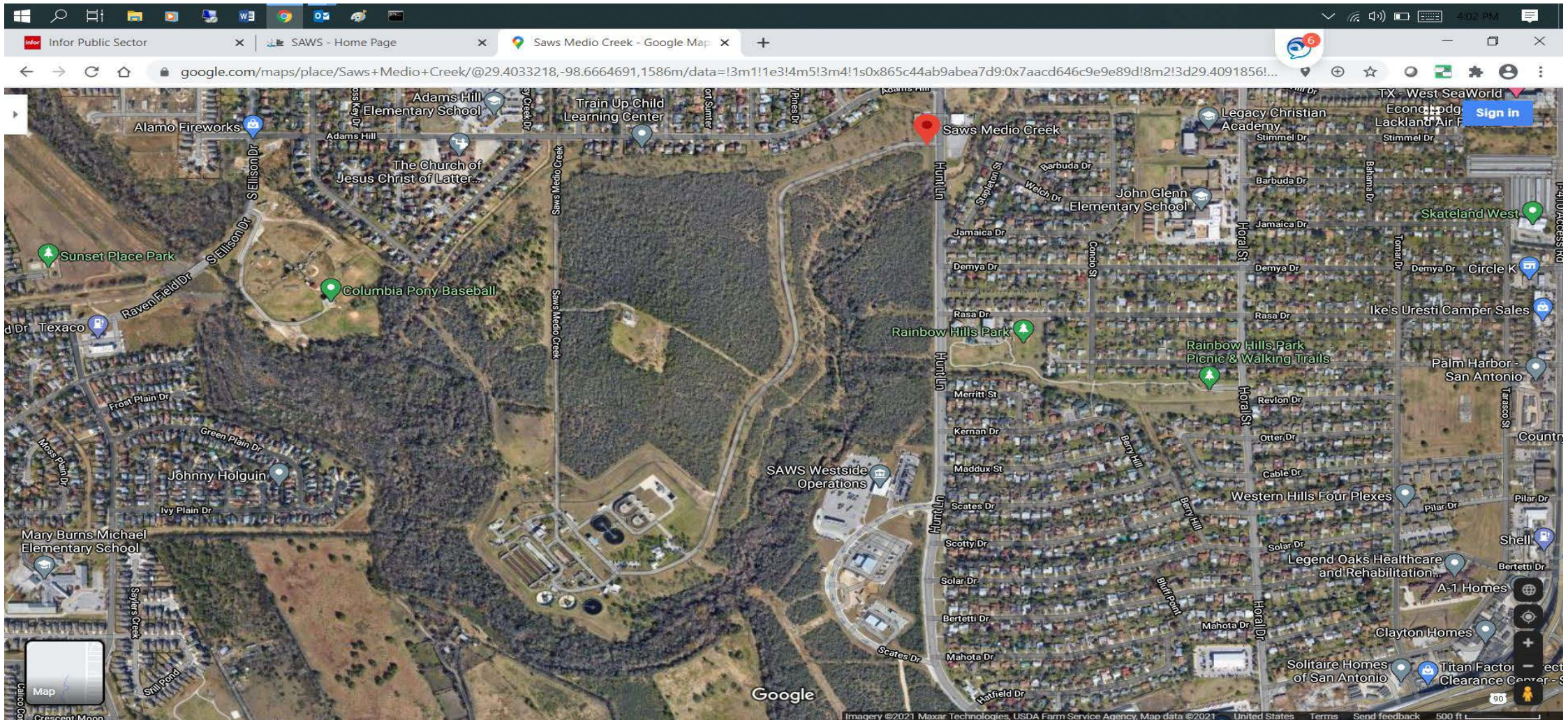
Medio Creek Map



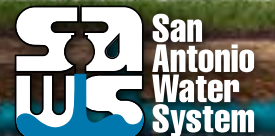
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Medio Creek Location



Medio Creek Admin. Foundation Remediation/Pier Project



Medio Creek Front East

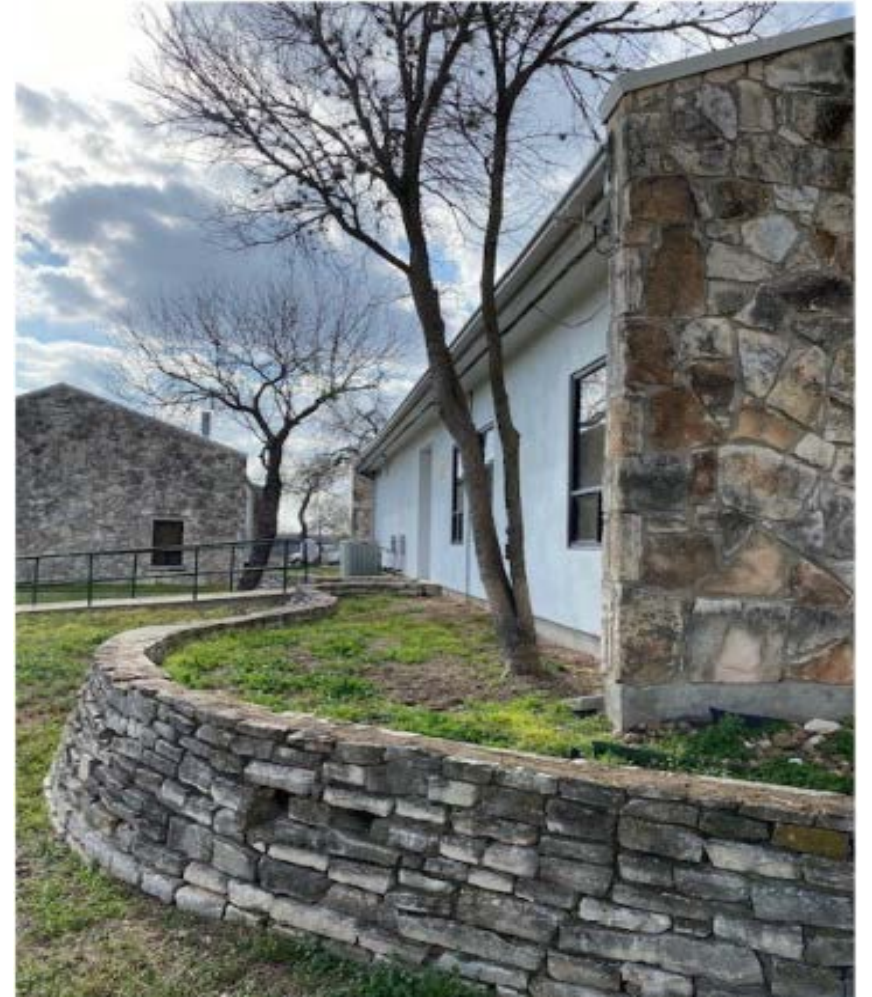


Medio Creek Rear West



Medio Creek Admin. Foundation Remediation/Pier Project

Medio Creek Rear South



Medio Creek North Side



Medio Creek Admin. Foundation Remediation/Pier Project

John Powers

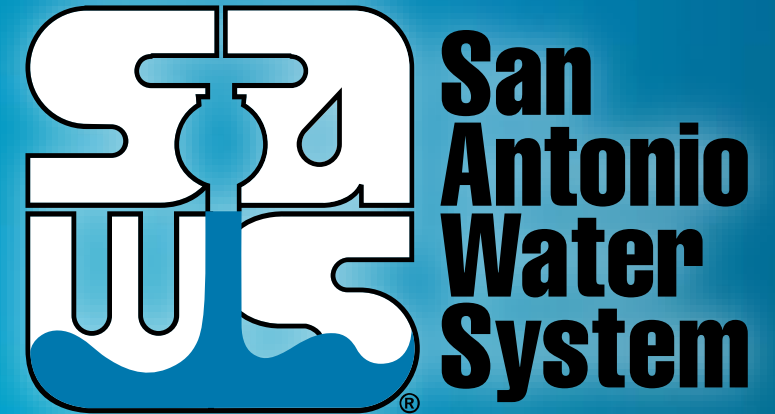
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