



BPC Central Small Diameter Package 4A
Solicitation Number: CO-00369
Job No.: 19-4512

ADDENDUM 3
Thursday, October 15, 2020

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

RESPONSES TO QUESTIONS

- 1. Question:** If video is available for this project, then please send the disclaimer for authorization for release.

Response: Yes, videos are available for download and are available at the following link:

https://apps.saws.org/business_center/ContractSol/Drill.cfm?id=3875&View=Yes

To access the videos the bidder must complete and submit the attached release form; the password required to view the videos on SAWS FTP site will be provided upon SAWS receipt of the completed and signed release form. Please submit the form to Janie Powell, Contract Administrator, via email to: Janie.Powell@saws.org. NOTE: These videos are provided for information purposes only and are not included in the bid documents. The deterioration is an ongoing process, so the condition at the time of construction may be substantially different from that shown in the videos.

- 2. Question:** Can you tell me if temporary sound barriers will be required on any portion of this project?

Response: Yes, temporary sound barriers will be required. Per SAWS Specification Item 864 Bypass Pumping, sound-attenuated pump enclosures shall be required on all projects where the bypass pumps are located within 50 feet of any residence, business, park, or other presence of people. Contractor shall provide sufficient sound attention measures to comply with City of San Antonio noise limitation requirements.

- 3. Question:** Are the point repairs trenchless or excavated?

Response: Point repairs shall be by open excavation.

- 4. Question:** The plan sheet for Site 146 (141 Lavaca) appears to be missing. Please verify that the site has been deleted as it is still listed on Sheet 4 of the plans.

Response: Site 146 (141 Lavaca) has been eliminated from this package and revised plan sheet G-004 is attached to this Addendum. See #3 of the Changes to the Plans.

- 5. Question:** Are there pipe inspection videos available for this project? If so, please provide the Disclosure Form and any instructions necessary for the bidders to access them.

Response: See response to question 1.

RESPONSES TO QUESTIONS

- 6. Question:** Bid items 11 and 19 on page BP-2 both say they are for traffic control at Site 102. Please clarify.

Response: Bid item 19 on page BP-2 is a duplicated line item and will be removed accordingly. See #4 of the Changes to the Specifications.

- 7. Question:** There are no bid items on page BP-3 for bypass pumping (small diameter SS) at Sites 103, 105, 107, 108, 109, & 110, but per Drawing G-003, it appears there should be bid items for the small diameter bypass pumping at those sites. Please clarify.

Response: Bid item 864-S1 Bypass Pumping (Small Diameter SS) has been included for Sites 103, 105, 107, 108, 109, 110, 116, 128, 132 and 141. See #4, Changes to the Specifications within this Addendum.

- 8. Question:** Should the Company Information Packet be added to the list of items to be submitted within 1 day of the bid in Section 24 on page SS-2?

Response: Yes, the Company Information Packet shall be added to the list of items to be submitted within 1 day of the bid. See #5 of the Changes to Specifications

- 9. Question:** Work Sites 119 and 147 do not appear to be assigned to any of the 4 Project Groups shown in section SC-1.2 on page SC-3. Please clarify which Project Group these Work Sites belong to.

Response: Work Sites 119 and 147 belong to Project Group #2. See #6-A. of the Changes to the Specifications.

- 10. Question:** Normally, SAWS obtains the required Right-of-Entry (ROE) agreements for this type of rehabilitation project, but section SC-1.5.3 on page SC-4 says the Contractor shall be responsible for obtaining ROE form affected property owners. Please clarify the requirement regarding obtaining any necessary ROE agreement for this project.

Response: SAWS has obtained the necessary real estate agreements to construct this project. SC-1.5.3 is related to any additional ROEs the contractor wishes to obtain for their own convenience.

- 11. Question:** Please clarify how bid item 47 for Electronic Message Board will be paid. On the bid schedule, this item has a bid quantity of 1 LS, but the addition to section 530.6 on page SPTS-2 implies that the item will be measured per each board monthly.

Response: Bid item 47 Electronic Message Board will be paid for monthly and Special Provision to Technical Specification has been revised. See #8 of the Changes to the Specifications.

- 12. Question:** Can the owner please let us know the flow data in the lines to be CIPP lined?

Response: Flow data for large diameter segments is available and listed below. Small diameter flow data is not available.

Site	Compkey	Pipe Size (in)	Average Dry Weather Flow (MGD)	Peak Dry Weather Flow (MGD)	Peak Wet Weather Flow (MGD)	Pipe Full (MGD)
103.1	978384	15	0.001	0.002	0.0369	1.10
103.2	979752	15	0.001	0.002	0.0381	2.74
108	978495	15	0.001	0.002	0.08	5.75
128	987871	21	0.002	0.003	0.08	10.70

CHANGES TO THE SPECIFICATIONS

1. Remove the Building Wage Decision in its entirety and replace with the attached latest version issued by the Department of Labor on 9/11/2020.
2. **Remove Bid Proposal in its entirety and replace with the attached latest version. The revised version should be used when submitting a bid for this project. The following items were updated:**
 - a. **Item Nos. 55 through 60, 65, 75, 77 and 84 were added to the bid form.**
 - b. **Item No. 46 unit and quantity revised to 9 MO.**
3. Remove Section 24 of the Supplemental Conditions (SS-2) in its entirety and replace with the following:

“24. To assist the San Antonio Water System Contracting Office in performing the bidder evaluation and subsequent recommendation of award, the apparent low bidder must submit upon request the following items within one (1) day of the bid opening. Failure to provide the required information within the specific time, may result in determining a non-responsive bidder:

 - a) Statement of Bidder’s Experience
 - b) A statement regarding ability to complete the project within the schedule taking into account existing commitments.
 - c) A completed and signed W-9 Request for Taxpayer Identification Number and Certification form.
 - d) Company Information Packet
 - e) Conflict of Interest Questionnaire - Form CIQ
 - f) Proof of Insurability (Letter from Insurer or Sample Certificate of Insurance)
 - g) *If bid was submitted electronically without a Bid Bond – Cashier’s Check or Certified Check
 - h) Baseline schedule”
4. Remove Special Conditions in its entirety and replace with the attached latest version.
 - A. Work Sites 119 and 147 added to Group #2 in SC-1.2.1.A of the Special Conditions (SC-3).
 - B. The following was added after Section SC-1.2.1.B of the Special Conditions (SC-3):

“C. Exceptions to paragraph B may be approved by Owner as necessary for coordination with other projects as specified in the Contract Documents.”
 - C. The following was added to Section SC-1.2.1 of the Special Conditions (SC-4):

“E. Work Site 132 will require subsequent mill and overlay due to point repairs; this mill and overlay pavement work will be completed under a separate contract. To facilitate the future mill and overlay work, Contractor shall prioritize completion of work of 132 to be completed at beginning of the project.”
 - D. The following was added to Section SC-4.0 of the Special Conditions (SC-9):
 13. City of San Antonio Capital Project - Work Site 137

The City of San Antonio Enrique M. Barrera Parkway Phase 1 (Old Highway 90 Area) capital project is scheduled to begin construction in December of 2020. Contractor SHALL coordinate with the CoSA project manager, James Wucinski, at (210) 207-7042 to coordinate work in the area at least fourteen (14) days prior to mobilization of Work Site 137.
5. Remove Section G. Revision to SAWS Standard Specification Item No. 862 Abandonment of Sanitary Sewer Mains and Manholes of the Special Provision to Technical Specification in its entirety.
6. Remove Section D.530.6. of the Special Provision to Technical Specification (SPTS-2) in its entirety and replace with the following:

“Under 530.6. Payment: Add the following paragraph to section 530.6 Payment:
Portable Electronic Message Board signs shown in the plans shall be measured and paid monthly.”

CHANGES TO THE PLANS

1. Sheet G-003

- a. Remove and replace sheet G-003 with attached.

2. Sheet G-004

- a. Remove and replace sheet G-004 with attached.

3. Sheet G-005

- a. Remove and replace sheet G-005 with attached.

4. Sheet G-006

- a. Remove and replace sheet G-006 with attached.

5. Sheet G-007

- a. Remove and replace sheet G-007 with attached.

6. Sheet G-008

- a. Add to the end of Sewer Section Note 2:

“CONTRACTOR SHALL BE RESPONSIBLE FOR SECURING THE BYPASS LINES THROUGH EXISTING DRAINAGE STRUCTURES BY USING A METHOD OR METHODS THAT DISCOURAGE MOVEMENT, FLOATATION, OR RUPTURING OF THE LINES IF FLOWS ARE ENCOUNTERED. CONTRACTOR SHALL COORDINATE WITH COSA STORMWATER ENGINEERING DEPARTMENT PRIOR TO INSTALLING BYPASS LINES TO CONFIRM THERE ARE NOT ANY ADVERSE IMPACTS TO EXISTING DRAINAGE FLOWS.”

- b. Delete Stormwater Note #8 and replace with the following:

“8. STORMWATER NOTES ARE APPLICABLE TO THE FOLLOWING SITES WHICH ARE FULLY OR PARTIALLY LOCATED IN THE FEMA 100-YEAR FLOODPLAIN: SITE 102, 105, 112, 121, 123, 126, & 128. REFER TO SHEETS G-004 THROUGH G-008.”

7. Sheet C-105

- a. Replace sheet C-105 with attached.

8. Sheet C-132

- a. Add Note 3: “THE CONTRACTOR IS RESPONSIBLE FOR PERMANENT TRENCH REPAIR INCLUDING PAVEMENT RESTORATION FOR WORK SITES REQUIRING EXCAVATION IN PAVEMENT. WORK SITES REQUIRING FULL MILL & OVERLAY DUE TO HIGH PAVEMENT CONDITION INDEX (PCI) WILL BE PROVIDED UNDER A SEPARATE CONTRACT.”


9. Sheet C-137

- a. Add Note 4: “CITY OF SAN ANTONIO CAPITAL PROJECT TO BEGIN CONSTRUCTION ALONG ENRIQUE M. BARRERA PKWY IN DECEMBER 2020. CONTRACTOR SHALL COORDINATE WITH COSA AT (210) 207-7042 TO COORDINATE WORK IN THE AREA AT LEAST 14 DAYS PRIOR TO MOBILIZATION OF SITE 137. REFER TO SPECIAL CONDITIONS SECTION SC-4.13 FOR ADDITIONAL NOTES.”

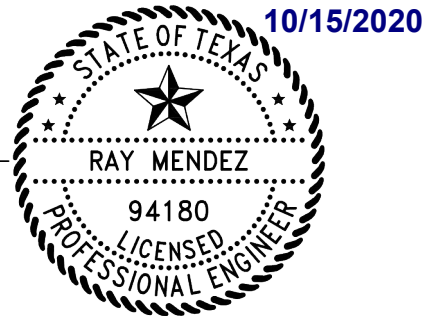
END OF ADDENDUM


This Addendum, including these five (5) pages, is Thirty-Three (33) pages with attachments in its entirety.

Attachments: Bid Proposal
Wage Decisions (Building) – TX20200231 09/11/2020
Revised Special Conditions
Plan Sheets G-002, G-004, G-005, G-006, G-007, C-105
CCTV Video Release Form



Ray Méndez, PE – Engineer of Record
Mendez Engineering, LLC (TBPE No. F-5499)





Maridel Jimenez, PE – Project Manager
Plummer Associates, Inc. (TBPE No. F-13)



BID PROPOSAL

PROPOSAL OF _____, a corporation
a partnership consisting of _____
an individual doing business as _____

THE SAN ANTONIO WATER SYSTEM:

Pursuant to Instructions and Invitation to Bidders, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the project as specified, in accordance with the Plans and Specifications for the following prices in the bid proposal to wit:

PLEASE SEE ATTACHED LIST OF BID ITEMS.

BIDDER'S SIGNATURE & TITLE

FIRM'S NAME (TYPE OR PRINT)

FIRM'S ADDRESS

FIRM'S PHONE NO. /FAX NO.

FIRM'S EMAIL ADDRESS

The Contractor herein acknowledges receipt of the following:
Addendum Nos. _____

OWNER RESERVES THE RIGHT TO ACCEPT THE OVERALL MOST RESPONSIBLE BID.

The bidder offers to construct the Project in accordance with the Contract Documents for the contract price, and to complete the Project within **270** calendar days after the start date, as set forth in the Authorization to Proceed. **The bidder understands and accepts the provisions of the contract Documents relating to liquidated damages of the project if not completed on time.**

Complete the additional requirements of the Bid Proposal which are included on the following pages.

Statement on President's Executive Orders

Has your firm previously performed work subject to the President's Executive Orders Numbers 11246 and 11375 or any preceding similar executive orders (Numbers 10925 and 11114)?

Yes ☐ No ☐

Item No.	Spec No.	Description	Unit	Qty	Unit Price	Total Price
1	103.1	REMOVE CONCRETE CURB (COSA)	LF	30	\$	\$
2	203.1	TACK COAT (COSA)	GAL	18	\$	\$
3	205.2	HOT MIX ASPHALTIC CONCRETE PAVEMENT, TYPE B (10" COMPACTED DEPTH) (COSA)	SY	136	\$	\$
4	205.2	HOT MIX ASPHALTIC CONCRETE PAVEMENT, TYPE B (12" COMPACTED DEPTH) (COSA)	SY	9	\$	\$
5	205.3	HOT MIX ASPHALTIC CONCRETE PAVEMENT, TYPE C (3" COMPACTED DEPTH) (COSA)	SY	11	\$	\$
6	205.4	HOT MIX ASPHALTIC CONCRETE PAVEMENT, TYPE D (2" COMPACTED DEPTH) (COSA)	SY	168	\$	\$
7	413.1	FLOWABLE FILL (LOW STRENGTH)	CY	42	\$	
8	500.1	CONCRETE CURB (COSA)	LF	30	\$	\$
9	503.1	PORTLAND CEMENT CONCRETE DRIVEWAY (COSA)	SY	12	\$	\$
10	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 101)	LS	1	\$	\$
11	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 102)	LS	1	\$	\$
12	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 103)	LS	1	\$	\$
13	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 105)	LS	1	\$	\$
14	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 107)	LS	1	\$	\$
15	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 108)	LS	1	\$	\$
16	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 109)	LS	1	\$	\$
17	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 110)	LS	1	\$	\$
18	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 111)	LS	1	\$	\$
19	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 112)	LS	1	\$	\$
20	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 113)	LS	1	\$	\$
21	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 114)	LS	1	\$	\$
22	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 116)	LS	1	\$	\$
23	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 117)	LS	1	\$	\$
24	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 118)	LS	1	\$	\$
25	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 119)	LS	1	\$	\$
26	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 120)	LS	1	\$	\$
27	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 121)	LS	1	\$	\$
28	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 123)	LS	1	\$	\$
29	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 125)	LS	1	\$	\$
30	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 126)	LS	1	\$	\$
31	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 127)	LS	1	\$	\$

Item No.	Spec No.	Description	Unit	Qty	Unit Price	Total Price
32	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 128)	LS	1	\$	\$
33	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 129)	LS	1	\$	\$
34	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 132)	LS	1	\$	\$
35	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 134)	LS	1	\$	\$
36	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 136)	LS	1	\$	\$
37	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 137)	LS	1	\$	\$
38	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 138)	LS	1	\$	\$
39	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 139)	LS	1	\$	\$
40	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 140)	LS	1	\$	\$
41	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 141)	LS	1	\$	\$
42	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 143)	LS	1	\$	\$
43	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 144)	LS	1	\$	\$
44	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 145)	LS	1	\$	\$
45	530.1	BARRICADES, SIGNS AND TRAFFIC HANDLING (COSA) (SITE 147)	LS	1	\$	\$
46	530.2	ELECTRONIC MESSAGE BOARD (COSA)	MO	9	\$	\$
47	535.2	4 INCH WIDE WHITE LINE (COSA)	LF	20	\$	\$
48	540	STORM WATER POLLUTION PREVENTION PLAN	LS	1	\$	\$
49	550.1	TRENCH EXCAVATION SAFETY PROTECTION	LF	420	\$	\$
50	851	ADJUSTING EXISTING MANHOLES (W/ NEW RING AND WATERTIGHT COVER)	EA	56	\$	\$
51	852	4' DIA. SANITARY SEWER MANHOLE (0'-6' DEPTH) WATERTIGHT	EA	1	\$	\$
52	852	EXTRA DEPTH MANHOLE (>6')	VF	6	\$	\$
53	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 101)	EA	1	\$	\$
54	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 102)	EA	1	\$	\$
55	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 103)	EA	1	\$	\$
56	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 105)	EA	1	\$	\$
57	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 107)	EA	1	\$	\$
58	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 108)	EA	1	\$	\$
59	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 109)	EA	1	\$	\$
60	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 110)	EA	1	\$	\$
61	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 111)	EA	1	\$	\$
62	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 112)	EA	1	\$	\$

Item No.	Spec No.	Description	Unit	Qty	Unit Price	Total Price
63	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 113)	EA	1	\$	\$
64	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 114)	EA	1	\$	\$
65	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 116)	EA	1	\$	\$
66	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 117)	EA	1	\$	\$
67	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 118)	EA	1	\$	\$
68	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 119)	EA	1	\$	\$
69	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 120)	EA	1	\$	\$
70	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 121)	EA	1	\$	\$
71	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 123)	EA	1	\$	\$
72	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 125)	EA	1	\$	\$
73	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 126)	EA	1	\$	\$
74	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 127)	EA	1	\$	\$
75	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 128)	EA	1	\$	\$
76	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 129)	EA	1	\$	\$
77	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 132)	EA	1	\$	\$
78	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 134)	EA	1	\$	\$
79	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 136)	EA	1	\$	\$
80	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 137)	EA	1	\$	\$
81	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 138)	EA	1	\$	\$
82	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 139)	EA	1	\$	\$
83	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 140)	EA	1	\$	\$
84	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 141)	EA	1	\$	\$
85	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 143)	EA	1	\$	\$
86	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 144)	EA	1	\$	\$
87	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 145)	EA	1	\$	\$
88	864-S1	BYPASS PUMPING (SMALL DIAMETER SS) (SITE 147)	EA	1	\$	\$
89	864-S2	BYPASS PUMPING (LARGE DIAMETER SS) (SITE 105)	EA	1	\$	\$
90	864-S2	BYPASS PUMPING (LARGE DIAMETER SS) (SITE 128)	EA	1	\$	\$
91	866	SEWER MAIN PRE-TELEVISION INSPECTION (8"-15" DIA.)	LF	12104	\$	\$
92	866	SEWER MAIN PRE-TELEVISION INSPECTION (18"-24" DIA.)	LF	394	\$	\$
93	901	INSTALL CIPP SANITARY SEWER PIPE (HOT WATER CURED) 8 IN	LF	7590	\$	\$

Item No.	Spec No.	Description	Unit	Qty	Unit Price	Total Price
94	901	INSTALL CIPP SANITARY SEWER PIPE (HOT WATER CURED) 10 IN	LF	1892	\$	\$
95	901	INSTALL CIPP SANITARY SEWER PIPE (HOT WATER CURED) 12 IN	LF	1837	\$	\$
96	901	INSTALL CIPP SANITARY SEWER PIPE (HOT WATER CURED) 15 IN	LF	785	\$	\$
97	901	INSTALL CIPP SANITARY SEWER PIPE (HOT WATER CURED) 21 IN	LF	394	\$	\$
98	910	MANHOLE REHABILITATION	VF	503	\$	\$
99	1103.1	POINT REPAIRS FOR 8" OR 10" DIAMETER, (0'-10' DEPTH) INCLUDING UP TO 20 LF OF PIPING	EA	14	\$	\$
100	1103.1	POINT REPAIRS FOR 8" OR 10" DIAMETER, (>15' DEPTH) INCLUDING UP TO 20 LF OF PIPING	EA	4	\$	\$
101	1103.1	POINT REPAIRS FOR 12" OR 15" DIAMETER, (10'-15' DEPTH) INCLUDING UP TO 20 LF OF PIPING	EA	2	\$	\$
102	1103.1	POINT REPAIRS FOR 18" OR 21" DIAMETER, (10'-15' DEPTH) INCLUDING UP TO 20 LF OF PIPING	EA	2	\$	\$
103	1103.2	EXTRA LENGTH POINT REPAIR, 8" OR 10" DIA. (ALL DEPTHS)	LF	20	\$	\$
104	1103.2	EXTRA LENGTH POINT REPAIR, 18" OR 21" DIA. (ALL DEPTHS)	LF	3	\$	\$
105	1103.3	OBSTRUCTIONREMOVAL BY REMOTE CONTROL, 8" OR 10" DIA. (ALL DEPTHS)	EA	28	\$	\$
106	1103.3	OBSTRUCTIONREMOVAL BY REMOTE CONTROL, 12" OR 15" DIA. (ALL DEPTHS)	EA	7	\$	\$
107	1103.3	OBSTRUCTIONREMOVAL BY REMOTE CONTROL, 18" OR 21" DIA. (ALL DEPTHS)	EA	1	\$	\$
108	1109	SERVICE RECONNECTION BY REMOTE CUTTING DEVICE (ALL DEPTHS)	EA	296	\$	\$
109	1109	SERVICE RECONNECTION BY OPEN CUT EXCAVATION (ALL DEPTHS)	EA	6	\$	\$
110	4042	REMOVE AND REPLACE BOLLARDS (TXDOT)	EA	2	\$	\$
111	02120.ES	ENVIRONMENTAL SERVICES (SITES 101 AND 128)	LS	1	\$	\$
112	02120.EWM	ENVIRONMENTAL WASTE MANAGEMENT ALLOWANCE	ALW	1	\$15,000.00	\$15,000.00
SUBTOTAL (ITEMS 1 - 112)					\$	

Item No.	Spec No.	Description	Unit	Qty	Unit Price	Total Price
113	100	MOBILIZATION AND DEMOBILIZATION, MAX 10% OF LINE ITEMS 1-112	LS	1	\$	\$
114	101	PREPARATION OF RIGHT – OF – WAY, MAX 5% OF LINE ITEMS 1-112	LS	1	\$	\$
SUBTOTAL (ITEMS 113 – 114)					\$	

Mobilization and Prep of ROW shall be limited to the maximum percentage shown. **If the percentage exceeds the allowable maximum stated for mobilization and preparation of ROW, SAWS reserves the right to cap the amount at the percentages shown and adjust the extensions of the bid items accordingly.**

TOTAL BID PRICE
(TO INCLUDE LINE ITEMS 1 - 114) \$

"General Decision Number: TX20200231 09/11/2020

Superseded General Decision Number: TX20190231

State: Texas

Construction Type: Building

County: Bexar County in Texas.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.80 for calendar year 2020 applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.80 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2020. If this contract is covered by the EO and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must pay workers in that classification at least the wage rate determined through the conformance process set forth in 29 CFR 5.5(a)(1)(ii) (or the EO minimum wage rate, if it is higher than the conformed wage rate). The EO minimum wage rate will be adjusted annually. Please note that this EO applies to the above-mentioned types of contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but it does not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60). Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification Number	Publication Date
0	01/03/2020
1	02/14/2020
2	08/28/2020
3	09/11/2020

ASBE0087-014 01/01/2018

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR (Duct, Pipe and Mechanical System Insulation).....	\$ 22.72	10.02

BOIL0074-003 01/01/2017

	Rates	Fringes
BOILERMAKER.....	\$ 28.00	22.35

ELEC0060-003 06/01/2019

Rates	Fringes
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ELECTRICIAN (Communication Technician Only).....	\$ 22.55	9%+5.45
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ELEC0060-004 06/01/2019

	Rates	Fringes
ELECTRICIAN (Excludes Low Voltage Wiring).....	\$ 28.60	18%+5.45

ELEV0081-001 01/01/2020

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 41.90	34.765

FOOTNOTES:

A. 6% under 5 years based on regular hourly rate for all hours worked. 8% over 5 years based on regular hourly rate for all hours worked.

B. Holidays: New Year's Day; Memorial Day; Independence Day; Labor Day; Thanksgiving Day; Friday after Thanksgiving Day; Christmas Day; and Veterans Day.

ENGI0450-002 04/01/2014

	Rates	Fringes
POWER EQUIPMENT OPERATOR Cranes.....	\$ 34.85	9.85

* IRON0066-013 06/01/2020

	Rates	Fringes
IRONWORKER, STRUCTURAL.....	\$ 23.45	6.83

* IRON0084-011 06/01/2020

	Rates	Fringes
IRONWORKER, ORNAMENTAL.....	\$ 25.26	7.13

PLUM0142-009 08/07/2019

	Rates	Fringes
HVAC MECHANIC (HVAC Electrical Temperature Control Installation Only).....	\$ 30.25	13.36
HVAC MECHANIC (HVAC Unit Installation Only).....	\$ 30.25	13.36
PIPEFITTER (Including HVAC Pipe Installation).....	\$ 31.05	13.76
Including HVAC Pipe Installation		
PLUMBER (Excludes HVAC Pipe Installation).....	\$ 31.05	13.76
Excludes HVAC Pipe Installation		

SFTX0669-002 04/01/2020

	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers).....	\$ 30.64	21.68

SHEE0067-004 07/01/2020		

	Rates	Fringes
Sheet metal worker Excludes HVAC Duct Installation.....	\$ 27.31	15.51
HVAC Duct Installation Only..	\$ 27.31	15.51

SUTX2014-006 07/21/2014		

	Rates	Fringes
BRICKLAYER.....	\$ 22.15	0.00
CARPENTER (Acoustical Ceiling Installation Only).....	\$ 17.83	0.00
CARPENTER (Form Work Only).....	\$ 13.63	0.00
CARPENTER, Excludes Acoustical Ceiling Installation, Drywall Hanging, Form Work, and Metal Stud Installation.....	\$ 16.86	4.17
CAULKER.....	\$ 15.00	0.00
CEMENT MASON/CONCRETE FINISHER...	\$ 22.27	5.30
DRYWALL FINISHER/TAPER.....	\$ 13.81	0.00
DRYWALL HANGER AND METAL STUD INSTALLER.....	\$ 15.18	0.00
ELECTRICIAN (Low Voltage Wiring Only).....	\$ 20.39	3.04
IRONWORKER, REINFORCING.....	\$ 12.27	0.00
LABORER: Common or General.....	\$ 10.75	0.00
LABORER: Mason Tender - Brick...	\$ 11.88	0.00
LABORER: Mason Tender - Cement/Concrete.....	\$ 12.00	0.00
LABORER: Pipelayer.....	\$ 11.00	0.00
LABORER: Roof Tearoff.....	\$ 11.28	0.00
LABORER: Landscape and Irrigation.....	\$ 8.00	0.00
OPERATOR: Backhoe/Excavator/Trackhoe.....	\$ 15.98	0.00
OPERATOR: Bobcat/Skid		

Steer/Skid Loader.....	\$ 14.00	0.00
OPERATOR: Bulldozer.....	\$ 14.00	0.00
OPERATOR: Drill.....	\$ 14.50	0.00
OPERATOR: Forklift.....	\$ 12.50	0.00
OPERATOR: Grader/Blade.....	\$ 23.00	5.07
OPERATOR: Loader.....	\$ 12.79	0.00
OPERATOR: Mechanic.....	\$ 18.75	5.12
OPERATOR: Paver (Asphalt, Aggregate, and Concrete).....	\$ 16.03	0.00
OPERATOR: Roller.....	\$ 12.00	0.00
PAINTER (Brush, Roller and Spray), Excludes Drywall Finishing/Taping.....	\$ 13.07	0.00
ROOFER.....	\$ 12.00	0.00
TILE FINISHER.....	\$ 11.32	0.00
TILE SETTER.....	\$ 14.94	0.00
TRUCK DRIVER: Dump Truck.....	\$ 12.39	1.18
TRUCK DRIVER: Flatbed Truck.....	\$ 19.65	8.57
TRUCK DRIVER: Semi-Trailer Truck.....	\$ 12.50	0.00
TRUCK DRIVER: Water Truck.....	\$ 12.00	4.11

WELDERS - Receive rate prescribed for craft performing
operation to which welding is incidental.

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Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Unlisted classifications needed for work not included within

the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or "UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010

08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

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END OF GENERAL DECISION"

Special Conditions

SC-1.0 SCOPE OF WORK

The San Antonio Water System is soliciting bids for the purpose of retaining a contractor to perform the rehabilitation of existing 8-inch through 21-inch SAWS sanitary sewer pipeline facilities using cured-in-place (CIPP) and point repairs. The work will also involve rehabilitation, adjustment, and replacement of associated manhole structures, as well as reconnections existing sanitary sewer lateral services by remote device. The quantities provided are estimates only. All quantities are estimated in the proposal and it is the intent of the proposal and quantities to establish a fixed unit price for various line items to be paid to the contractor by SAWS during the term of this contract. No change in the unit price will be made, regardless of the actual quantity of the item of work performed during the term of the contract. Some of the work involved in the project may require but is not limited to installation, replacement, or removal of sidewalks, curb, driveways, pavement restoration, topsoil, and sodding. A summary list of sites and locations is provided below. Refer to drawing sheets G-004 to G-007 for location maps.

No.	CIPP WORK SITES	WORK SITE LOCATION	LOCATION MAP
1	101	SOMERSET RD & BRUNSWICK BLVD	4
2	102	END OF EL DORADO ST	3
3	103-1	S JOSEPHINE TOBIN DR & ALEXANDER AVE	1
4	103-2	S JOSEPHINE TOBIN DR & ALEXANDER AVE	1
5	105	S LAREDO ST & TRINITY ST	3
6	107-1	KENDALIA AVE & ASCOT AVE	4
7	107-2	KENDALIA AVE & ASCOT AVE	4
8	108	ALEXANDER AVE & TEXAS AVE	1
9	109-1	SW 27TH ST & CORDELIA ST	2
10	109-3	SW 27TH ST & BUENA VISTA ST	2
11	110	KEATS ST & HURON ST	4
12	111	S NUECES ST & MERCEDES ST	3
13	112	FORTUNA & N 38TH ST	2
14	113	DIVISION AVE & BUFFALO ST	3
15	114	PARMLY AVE (ALLEY) CARMEL AVE TO HOLDER AVE	4
16	116	PASADENA ST & BRAD AVE	1
17	117	KING AVE – BURD AVE TO HOLDER AVE	4
18	118	S SAN JOAQUIN AVE & SPEAR ST	2

No.	CIPP WORK SITES	WORK SITE LOCATION	LOCATION MAP
19	119	WAVERLY AVE GENERAL MCMULLEN DR TO TULLANE DR	1
20	120	AMIRES ST & HORTENCIA AVE	2
21	121	N SAN FELIPE AVE & CALLE SUR	1
22	123	W CEASAR E CHAVES BLVD & SW 21ST ST	2
23	125	N NAVIDAD ST & RIVAS ST	1
24	126	W HOUSTON ST (ALLEY) NW 21ST ST TO NW 20TH ST	2
25	127	KEATS ST & LENARD ST	4
26	128	RUIZ ST & N TRINITY ST	1
27	129	W LAUREL ST & N SABINAS ST	1
28	132	W THOMPSON PL & DARSON MARIE DR	3
29	134	S COLORADO ST & TAMPICO ST	3
30	136	NW 36TH ST & FORTUNA	2
31	137	OLD HWY 90 W & SW 34TH ST	2
32	138	W SALINAS ST (ALLEY) NW 24TH ST TO NW 23RD ST	2
33	139	ROSLYN AVE & S BRAZOS ST	3
34	140	SIMS AVE & COLLINGSWORTH AVE	3
35	141	GLADSTONE AVE & BUFFALO ST	3
36	143	W COMMERCE ST & N SAN GABRIEL AVE	2
37	144	W COMMERCE ST & KNOKE ST	2
38	145	N SAN EDUARDO AVE & CULEBRA RD	1
39	147	CHITTY DR & BUCKNER DR	3

SC-1.1 PROJECT REQUIREMENTS

1. Contractor shall submit a completion report to SAWS when construction is completed. The completion report shall include but not limited to the following:
 - A. Pre and post MPEG-1 format and written to CD/DVD video and video logs.
 - B. Any test and/or submittals specified in this contract documents such as density tests, structural properties, etc. that are required.

SC-1.2 PERFORMANCE TIME

1. PROJECT MILESTONES:

- A. Project milestones below indicate calendar days required for substantial completion and final completion of each “Project Group”, however, final completion of all “Work Sites” shall be achieved in 270 calendar days. See additional working requirements below. Order of construction shall be reflected in project baseline schedule and include Work Site number.

Project Group	Work Sites	Substantial Completion Days	Final Completion Days	Total Days
Group #1	101, 102, 105, 112, 123, 125, 138, 144	30	15	45
Group #2	108, 111, 114, 116, 117, 118, 119, 120, 126, 128, 129, 132, 134, 136, 140, 143, 147	45	15	60
Group #3	103, 109, 113, 121, 127, 139, 141, 145	60	15	75
Group #4	107, 110, 137	75	15	90
Total Project Calendar Days				270

- B. The Contractor may only have one (1) “Group” under construction at a time with up to three (3) “Work Sites” within the “Group” under construction concurrently as long as the detour routes do not overlap. The contractor must request and receive written approval to work in additional work sites from SAWS up to 10 days prior to the anticipated mobilization on site. “Group” number does not dictate the order in which “Groups” must be constructed.
- C. Exceptions to paragraph B may be approved by Owner as necessary for coordination with other projects as specified in the Contract Documents.
- D. After substantial completion has been achieved for a “Work Site”, final completion must be completed within the days identified in the table above. The Contractor is required to provide the SAWS Inspector and the Engineer final redline drawings within 30 days of substantial completion date before the “Work Site” can qualify for final completion. Substantial completion is when all rehabilitation work has been completed, tested, and the sewer system has been accepted for service. Final completion is declared when the final punch list is approved by SAWS, all infrastructure is in the ground, and when final pavement and surface restoration is completed.

- E. Work Site 132 will require subsequent mill and overlay due to point repairs; this mill and overlay pavement work will be completed under a separate contract. To facilitate the future mill and overlay work, Contractor shall prioritize completion of work of 132 to be completed at the beginning of the project.

SC-1.3 SPECIFICATIONS

1. All work performed shall be in accordance with the Contract Documents and the current San Antonio Water System Specifications for Water and Sanitary Sewer Construction, these Special Conditions, the current Texas Department of Transportation Standard Specification for Construction of Highways, Streets, and Bridges, the current City of San Antonio Standard Specification for Public Work Construction, City of San Antonio Utility Excavation Criteria Manual, or specifications and requirements of any other governing jurisdiction that may apply.

SC-1.4 PAYMENT

1. As specified in the Contract Documents unit price cost for the items bid shall include all the necessary and incidental work as subsidiary to the bid item, unless specifically called out in the plans or approved by SAWS. Pay items indicating no separate or additional pay for incidental, related, associated or other work will take precedence if in conflict with other pay provisions. If no pay item is included for any stipulated item, it will be considered as subsidiary to other pay items.
2. It is the Contractor's responsibility for the preparation, research, submittal and layout of the location specific submittals, included the Storm Water Pollution Prevention Plan, Traffic Control Plan, Bypass Pumping Plan, and its approvals at no cost to SAWS. If no pay item is included for any stipulated item, it will be considered as subsidiary to other pay items. There will be no measurement or payment for the Tree Preservation Protection work."
3. There will be no measurement or payment for insurance; bonding; and permitting costs on this contract. There will be no separate payment for temporary or permanent fencing, with all related costs included in the item to which it pertains.

SC-1.5 WORK SITE LOCATIONS

1. No excavation work of any kind may begin on a work site until authorized by SAWS. Preliminary work, such as televising, utility investigations, utility potholing, setup and testing of bypass pumping, may not begin unless approved by SAWS.
2. ACCESS TO EASEMENT AREAS: Access to some easements will require close coordination with landowners and their tenants, if any. The Contractor shall coordinate with the Inspector to provide notice to all involved parties well in advance of the work and indicate when field work will begin on each project site and provide an explanation of the type of work to be done and approximate schedule. The Contractor will bear full

responsibility for any and all of his actions or results of any of his activities, intended or not, regardless where his work is taking place.

3. Contractor shall be responsible for obtaining right of entry (ROE) from affected property owners to enter said property for purposes of (1) construction ingress and egress to and from SAWS facilities and (2) bypass pumping operations. Contractor shall reasonably repair any physical damage to the property resulting from such ingress, egress and bypass pumping operations, so as to cause the property to be in substantially the same condition or better. Contractor shall make reasonable efforts to provide reasonable notice to owner of the dates and anticipated duration of necessary work.

SC-2.0 CITY OF SAN ANTONIO (COSA) REQUIREMENT

1. Contractor is to follow all CoSA requirements for project signage and visible identification when working within CoSA R.O.W.
2. Contractor is to follow the CoSA requirement for impacted collector or arterial streets, which requires the Contractor to provide a seven (7) day notification by electronic message board before work is to occur. Message board is to remain in place until three (3) days after construction begins. Contractor is also to provide a three (3) day notification to be made by door hanger to impacted residents or businesses.
3. Traffic Control Plans provided are suggested routes only. Contractor shall submit their Traffic Control Plans to CoSA R.O.W. for review and approval at no additional cost to SAWS.
4. Contractor shall comply with Standard Specification for CoSA R.O.W., obtain R.O.W. permits, and conform to the CoSA requirements for impacted streets, project signage and visible identification, driveways, alleys, and any other pertinent items located within the CoSA R.O.W.

SC-3.0 CONSENT DECREE NOTICE PROVISION

1. The San Antonio Water System (“SAWS”), the United States of America and the State of Texas have entered into a Consent Decree in Civil Action No. 5:13-cv-00666- DAE, United States of America and State of Texas v. San Antonio Water System, in the United States District Court for the Western District of Texas, San Antonio Division (the “Consent Decree”). A copy of the Consent Decree is available at <http://www.saws.org/Infrastructure/EPA/download.cfm>
2. Work performed pursuant to this contract is work that SAWS is required to perform pursuant to the terms of the Consent Decree. In the event of any conflict between the terms and provisions of this Consent Decree Notice Provision and any other terms and provisions of this Contract or the Contract Documents, the terms and provisions of this Consent Decree Notice Provision shall prevail.

A. Retention of documents.

Contractor shall retain and preserve all non-identical copies of all documents, reports, research, analytical or other data, records or other information of any kind or character (including documents, records, or other information in electronic form including, but not limited to e-mails) in its or its sub-contractors' or agents' possession or control, or that come into its or its sub-contractors' or agents' possession or control, and that relate in any manner to this contract, or the performance of any work described in this contract (the "Information"). This retention requirement shall apply regardless of any contrary corporate or institutional policy or procedure or legal requirement. Contractor, Contractor's sub-contractors and agents shall retain and shall not destroy any of the Information until such time as Contractor has received written approval from the General Counsel of SAWS that the Information or any part of the Information may be destroyed. Contractor shall, within 30 days after receipt of a written request by SAWS, deliver the Information to SAWS. Contractor shall instruct and require its agents and sub-contractors performing any part of the work described in this contract to comply with the requirements of this paragraph.

B. Notification of events that may cause delay.

If any event occurs that may delay performance by Contractor, or Contractor's agents or sub-contractors of any work or obligation of any kind under this contract, Contractor shall provide notice in accordance with the Notice Provisions of this contract to SAWS within two (2) business days of the date Contractor or Contractor's agents or sub-contractors first knew that the event might cause a delay. Contractor shall provide a written explanation and description of the reasons for the delay, the anticipated duration of the delay, all actions taken or to be taken to prevent or minimize the delay, and a schedule for implementation of any measures to be taken to prevent or mitigate the delay or the effect of the delay. **TIME IS OF THE ESSENCE** in the performance of the requirements of this paragraph and of any work to be performed by the Contractor in this contract.

C. Liability for stipulated penalties.

The Consent Decree provides that the United States of America, the United States Environmental Protection Agency and the State of Texas may assess stipulated penalties against SAWS upon the occurrence of certain events. To the extent that Contractor or Contractor's agents or sub-contractors cause or contribute to, in whole or in part, the assessment of any stipulated penalty against SAWS, Contractor agrees that it shall pay to SAWS the full amount of any stipulated penalty assessed against and paid by SAWS that is caused or contributed to in whole or in part by any action, failure to act, or failure to act within the time required by any provision of this contract. Contractor shall also pay to SAWS all costs, attorney fees, expert witness fees and all other fees and expenses incurred by SAWS in connection with the assessment or payment of any such stipulated penalties, or in contesting the assessment or payment of any such stipulated penalties. In addition to any and all other remedies to which SAWS may be entitled at law or in equity, Contractor expressly authorizes SAWS to withhold all amounts assessed and paid as stipulated penalties, and all associated costs, fees, or expenses from any amount unpaid to Contractor under the terms of this contract, or from any retainage provided in the contract.

SC-4.0 – PROJECT REQUIREMENTS

1. Tree Mitigation/Protection Plans.

The Contractor shall comply with all requirements set forth in the Tree Preservation Details Plan and any other City of San Antonio requirements for this work. The Contractor shall protect trees and landscape, and perform necessary tree pruning, soil amending, and fertilization in accordance with CoSA items 801 and 802 and Tree Preservation Details Plan. Contractor is to refer to CoSA Special Specification 801 Tree and Landscaping Protection and Special Provision to Special Specification 802 for measurement and payment.

2. Sequence of Work.

A construction phasing plan is not included in the project. Prior to construction, Contractor shall prepare a Sequence of Work Plan Submittal to include proposed construction phasing plan, and a detailed traffic control and detour plan prepare by registered Texas Professional Engineer and shall be submitted to the Engineer for review and approval. Preparation of the Sequence of Work Plan shall not be paid for separately.

3. Other Contracts.

Other Construction may be underway concurrently in this area. Afford utility companies and other Contractors reasonable opportunity for introduction and storage of their materials and execution of their work. All work under this Contract must be properly connected and coordinated with that constructed by others. The Owner is not responsible or liable for any claims resulting from delays by other Contractors or utility companies in the area regardless of the entity authorizing such work and any faulty workmanship resulting from such work performed.

4. Incidental Construction Items.

All Items called out on the construction drawings or within the specifications which are not itemized in the bid proposal section of these documents shall be considered incidental to the cost of the project.

5. Topsoil, Hydromulching, and Sodding

Contractor shall restore construction access routes and distribution areas in non-paved areas to match previous existing conditions, and shall include final grading, placement of topsoil and seeding, and placement of sodding. All other areas disturbed exceeding the quantities noted in construction plans shall not be measured or paid for separately and will be considered subsidiary to the CIPP bid item.

6. Permits

The owner has obtained a Floodplain Development Permit from the City of San Antonio. It is noted that a Tree Permit was not required. A Tree Protection and Management Memorandum has been provided by the City of San Antonio Development Services Department and all tree related requirements from the memorandum are provided in the Contract Documents and Drawings. Contractor shall notify the appropriate City or TxDOT department prior to construction per the notes in the plans and shall adhere to the terms of

the permits included with the Contract Documents. Contractor is responsible for all other required permits per the General Conditions.

7. VIA Metropolitan Transit

The contractor must notify VIA dispatch at (210) 362-5020 and Mark Spaulding at (210) 441-9078 a minimum of one (1) day before any work that requires the temporary closure of a bus stop. No separate pay item for this coordination efforts.

8. CPS Energy

Contractor shall perform site investigation for each of the Work Sites to confirm which of the project locations will require power pole bracing. The contractor shall begin coordination efforts with CPS Energy immediately after Notice to Proceed is issued to avoid any construction delay. No separate pay item for this work and coordination effort.

9. Port of San Antonio

The Contractor shall notify Andrew Perez at (210) 362-7817 at least fourteen (14) days prior to commencing work on Work Site 147 – Port of San Antonio (Chitty Avenue). SAWS will concurrently be performing upgrades to the Cooling Plant within Port SA and the Contractor shall coordinate with SAWS inspectors to confirm there is not a conflict at least 14 days prior to mobilizing to Site 204.

10. Our Lady of the Lake University

The Contractor shall notify Our Lady of the Lake University at least fourteen (14) days prior to commencing work on Work Site 109. Contractor shall be responsible for coordination on work hours and providing suitable accommodations for school traffic and pedestrians. Contact information is as follow:

A. Darrell Glasscock

drglascock@ollusa.edu

Director of Facilities

411 SW 24th Street

San Antonio, TX 78207

(210) 434 – 6711 ext. 2510

11. Environmental Waste Management Allowance Item (Quotes Line Item)

Work Sites 101 and 128 are within areas with potentially contaminated media. Environmental waste management shall be provided in conformance with Technical Specification 02120 Waste Management, Transport, and Disposal. The cost and time impact for these services shall be negotiated through Request for Proposal process. The terms of payment for the Contractor services shall be in accordance with the contract terms and conditions.

12. City of San Antonio Parks and Recreation Department

Contractor shall notify City of San Antonio Parks and Recreation Department (PARC) at (210) 207-2721 a minimum of two (2) weeks prior to starting construction and 48 hours prior to mobilizing equipment and to coordinate working hours. No separate pay item for the coordination effort.

13. City of San Antonio Capital Project – Work Site 137

The City of San Antonio Enrique M. Barrera Parkway Phase 1 (Old Highway 90 Area) capital project is scheduled to begin construction in December of 2020. Contractor Shall coordinate with the CoSA project manager, James Wucinski, at (210) 207-7042 to coordinate work in the area at least fourteen (14) days prior to mobilization of Work Site 137.

OVERALL SUMMARY OF QUANTITIES			
ITEM	DESCRIPTION	UNIT	QTY
103.1	Remove Concrete Curb (COSA)	LF	30
203.1	Tack Coat (COSA)	GAL	18
205.2	Hot Mix Asphaltic Pavement, Type B (10" Comp. Depth) (COSA)	SY	136
205.2	Hot Mix Asphaltic Pavement, Type B (12" Comp. Depth) (COSA)	SY	9
205.3	Hot Mix Asphaltic Pavement, Type C (3" Comp. Depth) (COSA)	SY	11
205.4	Hot Mix Asphaltic Pavement, Type D (2" Comp. Depth) (COSA)	SY	168
413.1	Flowable Fill (Low Strength)	CY	42
500.1	Concrete Curb (COSA)	LF	30
503.1	Portland Cement Concrete Driveway (COSA)	SY	12
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 101)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 102)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 103)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 105)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 107)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 108)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 109)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 110)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 111)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 112)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 113)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 114)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 116)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 117)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 118)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 119)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 120)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 121)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 123)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 125)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 126)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 127)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 128)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 129)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 134)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 136)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 137)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 138)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 139)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 140)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 141)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 143)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 144)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 145)	LS	1
530.1	Barricades, Signs, Traffic Handling (COSA) (Site 147)	LS	1
530.2	Electronic Message Board (COSA)	MO	9
535.2	4 Inch Wide White Line (COSA)	LF	20
540	Storm Water Pollution Prevention Plan	LS	1
550.1	Trench Excavation Safety Protection	LF	420
851	Adjust Existing Manholes (W/ New Ring and Watertight Cover)	EA	56
852	4' Dia. Sanitary Sewer Manhole (0'-6' Depth) Watertight	EA	1
852	Extra Depth Manhole (>6')	VF	6
864-S1	Bypass Pumping (Small Diameter SS) (Site 101)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 102)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 103)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 105)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 107)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 108)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 109)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 110)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 111)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 112)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 113)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 114)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 117)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 118)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 119)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 120)	EA	1

864-S1	Bypass Pumping (Small Diameter SS) (Site 120)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 121)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 123)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 125)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 126)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 127)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 129)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 134)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 136)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 137)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 138)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 139)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 140)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 143)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 144)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 145)	EA	1
864-S1	Bypass Pumping (Small Diameter SS) (Site 147)	EA	1
864-S2	Bypass Pumping (Large Diameter SS) (Site 105)	EA	1
864-S2	Bypass Pumping (Large Diameter SS) (Site 128)	EA	1
866	Sewer Main Pre-Television Inspection (8"-15" Dia.)	LF	12104
866	Sewer Main Pre-Television Inspection (18"-24" Dia.)	LF	394
901	Install CIPP 8" Sanitary Sewer Pipe (Hot Water) (All Depths)	LF	7590
901	Install CIPP 10" Sanitary Sewer Pipe (Hot Water) (All Depths)	LF	1892
901	Install CIPP 12" Sanitary Sewer Pipe (Hot Water) (All Depths)	LF	1837
901	Install CIPP 15" Sanitary Sewer Pipe (Hot Water) (All Depths)	LF	785
901	Install CIPP 21" Sanitary Sewer Pipe (Hot Water) (All Depths)	LF	394
910	Manhole Rehabilitation (Standard 4' Dia. Manhole)	VF	503
1103.1	Point Repairs for 8" or 10" Diameter, (0'-10' depth) including up to 20 LF piping	EA	14
1103.1	Point Repairs for 8" or 10" Diameter, (>15 depth) including up to 20 LF piping	EA	4
1103.1	Point Repairs for 12" or 15" Diameter, (10'-15' depth) including up to 20 LF piping	EA	2
1103.1	Point Repairs for 18" or 21" Diameter, (10'-15' depth) including up to 20 LF piping	EA	2
1103.2	Extra Length Point Repair, 8" or 10" Dia. (All Depths)	LF	20
1103.2	Extra Length Point Repair, 18" or 21" Dia. (All Depths)	LF	3
1103.3	Obstruction Removal by Remote Device, 8" or 10" Dia. (All Depths)	EA	28
1103.3	Obstruction Removal by Remote Device, 12" or 15" Dia. (All Depths)	EA	7
1103.3	Obstruction Removal by Remote Device, 18" or 21" Dia. (All Depths)	EA	1
1109	Service Reconnection By Remote Control Cutting Device (All Depths)	EA	296
1109	Service Reconnection By Open Cut Excavation (All Depths)	EA	6
4042	Remove and Replace Bollards (TXDOT)	EA	2
02120.ES	Environmental Services (Sites 101 and 128)	LS	1
02120.EWM	Environmental Waste Management Allowance	ALW	1

ABBREVIATIONS

APPROX.	APPROXIMATE	TEMP	TEMPORARY
AVG	AVERAGE	TMK	PERMANENT TELEPHONE MARKER
AVE	AVENUE	T/P	TOP OF PIPE
AC	ACRES	TYP	TYPICAL
AC	ASBESTOS CEMENT	TXDOT	TEXAS DEPARTMENT OF TRANSPORTATION
ACP	ASBESTOS CEMENT PIPE	U/E	UTILITY EASEMENT
ARV	AIR RELEASE VALVE	UGE	UNDERGROUND ELECTRICAL
ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS	UGT	UNDERGROUND TELEPHONE
		USACE	UNITED STATES ARMY CORPS OF ENGINEERS

B-XXX	BORE NUMBER	VF	VERTICAL FOOT
BL	BUILDING LINE	VCP	VITRIFIED CLAY PIPE
BLK	BLOCK	VPI	VERTICAL POINT OF INFLECTION
BM	BENCHMARK		
BP	BYPASS PUMPING	W	POTABLE WATER
BW	BARBED WIRE	WL	WATER LINE
		W/	WITH
C	HAZEN-WILLIAMS COEFFICENT	WM	WATER METER
CI	CAST IRON	WMB	WOODEN MAIL BOX
CIPP	CURED-IN-PLACE-PIPE	WTP	WATER TREATMENT PLANT
CIRF	CAPPED IRON ROD FOUND	WWMH	WASTE WATER MANHOLE
CIRS	CAPPED IRON ROD SURVEY		
€	CENTER LINE		
CONC	CONCRETE		
COSA	CITY OF SAN ANTONIO		
CLSM	CONTROLLED LOW STRENGTH MATERIAL		

CMP	CORRUGATED METAL PIPE		
CP-XXX	CONTROL POINT NUMBER		

DIA	DIAMETER		
DR	DED RECORD		
DIP	DUCTILE IRON PIPE		

E	EASTING		
EL	ELEVATION		
EX	EXISTING		
EXIST	EXISTING		
ESMT	EASEMENT		

FL	FLOW LINE		
FH	FIRE HYDRANT		
FT	FEET		
FT/S	FEET PER SECOND		

G	GAS LINE		
GV	GATE VALVE		
GPS	GLOBAL POSITIONING SYSTEM		

HDPE	HIGH DENSITY POLYETHYLENE		
PIPE			

IN	INCHES		
INV	INVERT		
IRF	IRON ROD FOUND		

LF	LINEAR FOOT		
----	-------------	--	--

MAX	MAXIMUM		
MH	MANHOLE		
MIN	MINIMUM		
MMB	METAL MAILBOX		
MON	MONUMENT		
MGD	MILLIONS OF GALLONS PER DAY		

N	NORTHING OR NORTH		
NO, #	NUMBER		
NTS	NOT TO SCALE		

OE	OVERHEAD ELECTRIC		
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION		

PC	POINT OF CURVE		
PCCP	PRESTRESSED CONC CYLINDER PIPE (C-301)		
PE	POLYETHYLENE		
PERM	PERMANENT		
PT	POINT OF TANGENCY		
POB	POINT OF BEGINNING		
POE	POINT OF ENDING		
POE	POINT OF ENTRY		
PROP	PROPOSED		
PRC	POINT OF REVERSE CURVE		
PSI	POUND PER SQUARE INCH		
PVC	POLYVINYL CHLORIDE		
PI	POINT OF INFLECTION		

RCP	REINFORCED CONCRETE PIPE		
ROW	RIGHT-OF-WAY		
RT	RIGHT		
RW	RECLAIMED WATER		


S	SOUTH		
SARA	SAN ANTONIO RIVER AUTHORITY		
SAWS	SAN ANTONIO WATER SYSTEM		
SD	STORM DRAIN		
SPECS	SPECIFICATIONS		
SSMH	SANITARY SEWER MANHOLE		
ST	STREET		
STA	STATION		
STD	STANDARD		
SUE	SUBSURFACE UTILITY ENGINEERING		

TCP	TRAFFIC CONTROL PLAN		
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LEGEND

	⊕	WATER VALVE
	◇	FIRE HYDRANT
	●	POWER POLE
	⊖	SIGN
	⌚	TELEPHONE PEDESTAL
	⊙	WATER METER
	Ⓚ	STORM DRAIN MANHOLE
	Ⓜ	TELEPHONE MANHOLE
	Ⓢ	SANITARY SEWER MANHOLE
	ⓔ	ELECTRIC MANHOLE
	→	GUY WIRE
	Ⓜ	JUNCTION BOX
	⊗	ELECTRIC HIGH VOLTAGE
	◇	TOWER STRUCTURE TOWER
	□	MAILBOX
	— SD 30" —	STORM DRAIN LINE
	— SS 8" —	SANITARY SEWER LINE
	— W 8" —	WATER LINE
	— UT — UT —	UNDERGROUND TELEPHONE
	— UE — UE —	UNDERGROUND ELECTRIC
	— 4" G —	GAS LINE
	— x — x —	CHAINLINK FENCE LINE
	— // — //	WOODEN FENCE LINE
	— o —	METAL FENCE LINE

PLUMMER



12500 SAN PEDRO AVE SUITE 401 | SAN ANTONIO, TX 78216

210.510.0888 | TBPE REGISTERED FIRM NUMBER F-13

BY

REVISION

NO. DATE

12/20 PER APPENDUM NO. 3

MELENDEZ ENGINEERING


Registration #F-14070

12950 Country Parkway STE 120,

San Antonio, Texas 78216

Office: 210-502-0008


www.MendezEngineering.com



San Antonio

Water

System



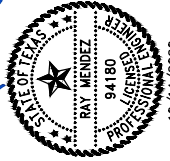
MULTIPLE SEWERSHED PACKAGE 4

CIPP, PIPE BURST, & OPEN-CUT

REHABILITATION SAWS JOB NO 19-4512

SANITARY SEWER LINE REHABILITATION PLAN

SYMBOLS AND ABBREVIATIONS



10/14/2020

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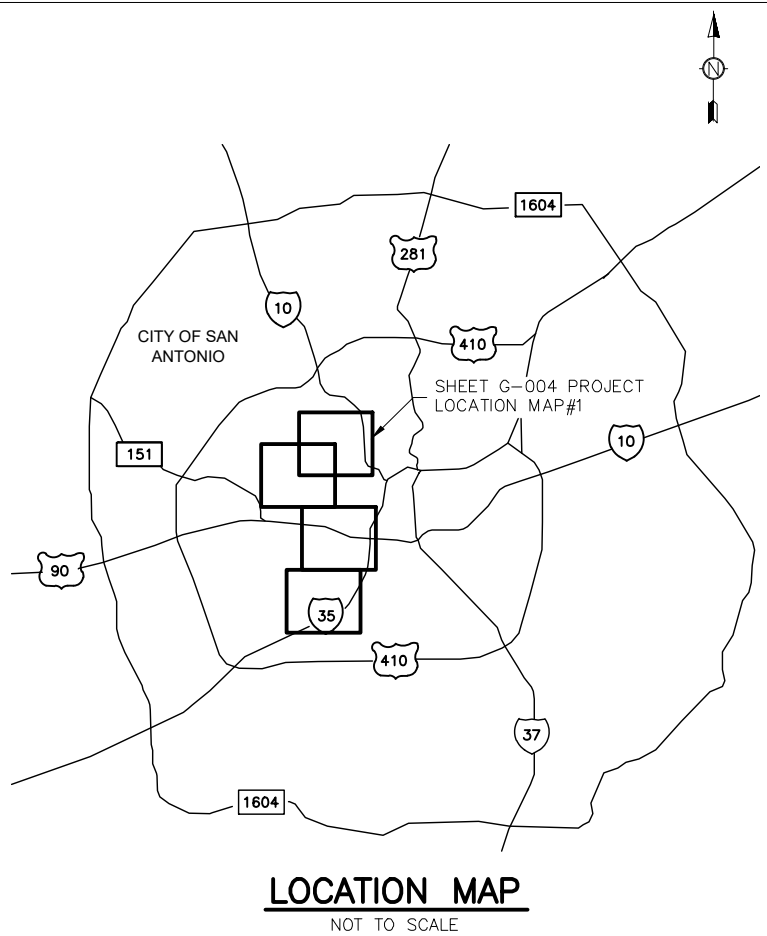
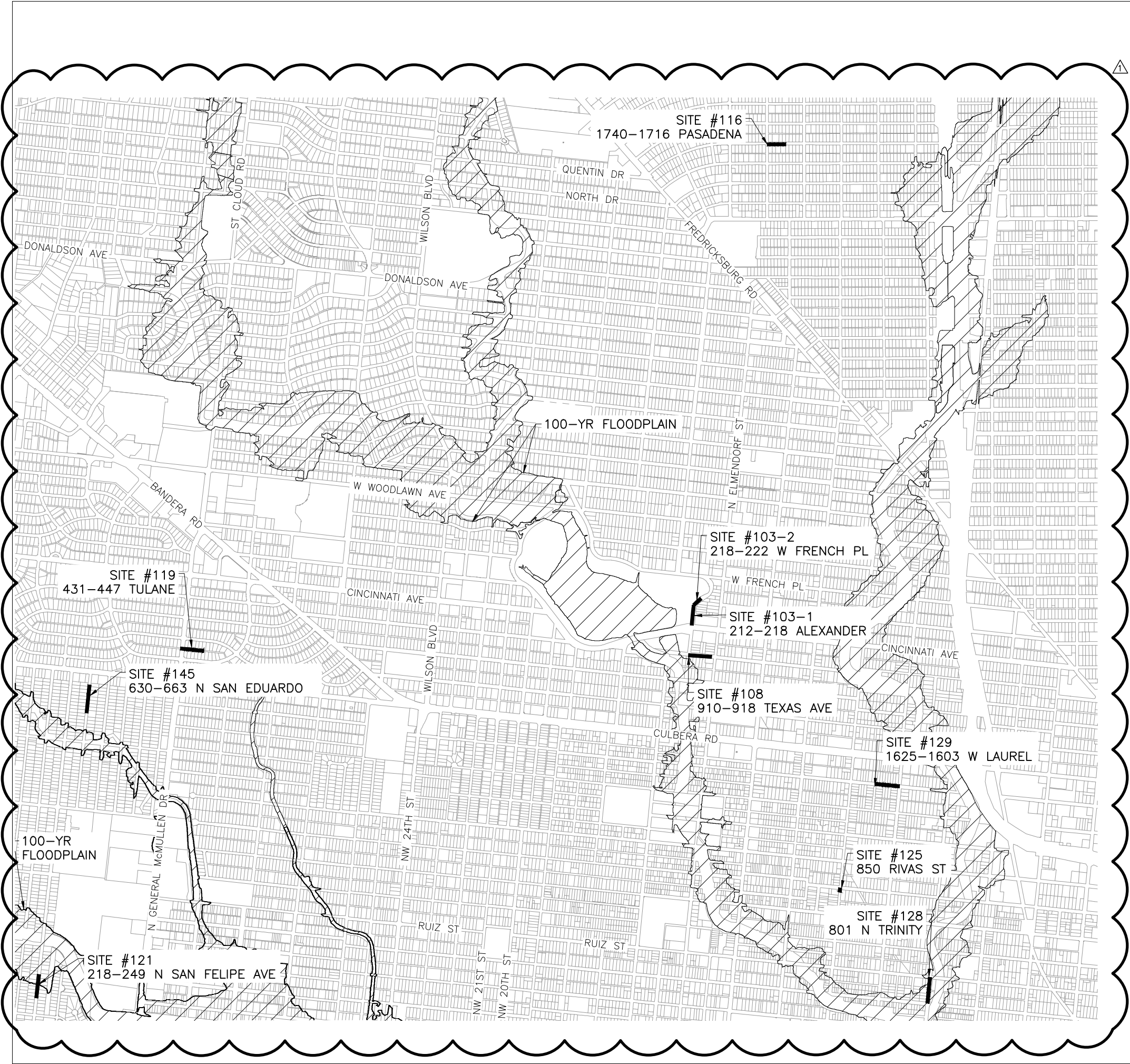
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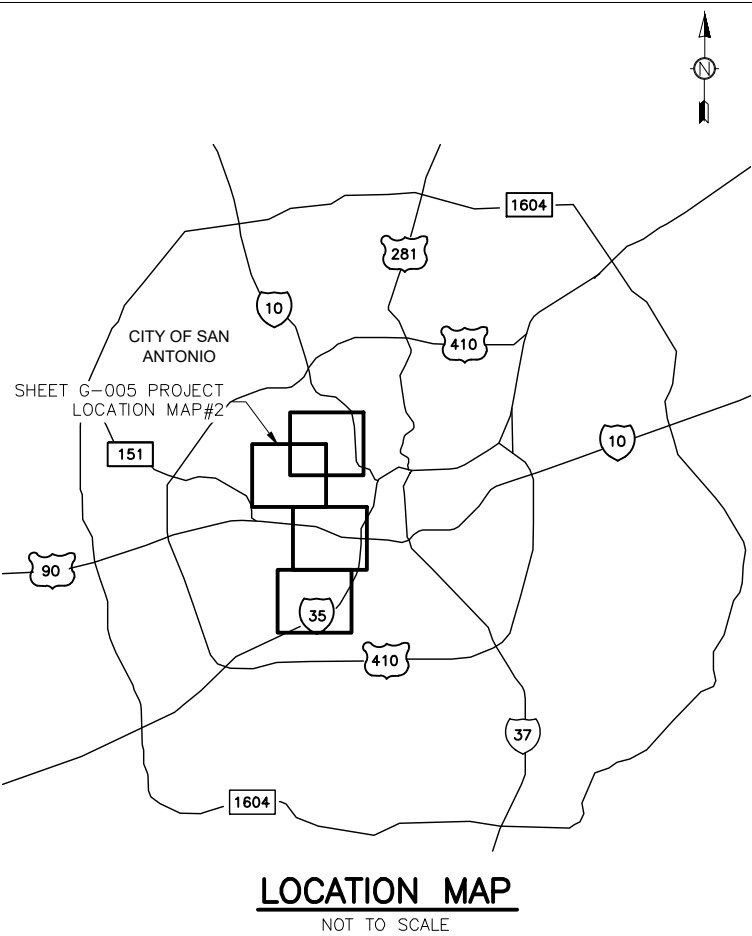
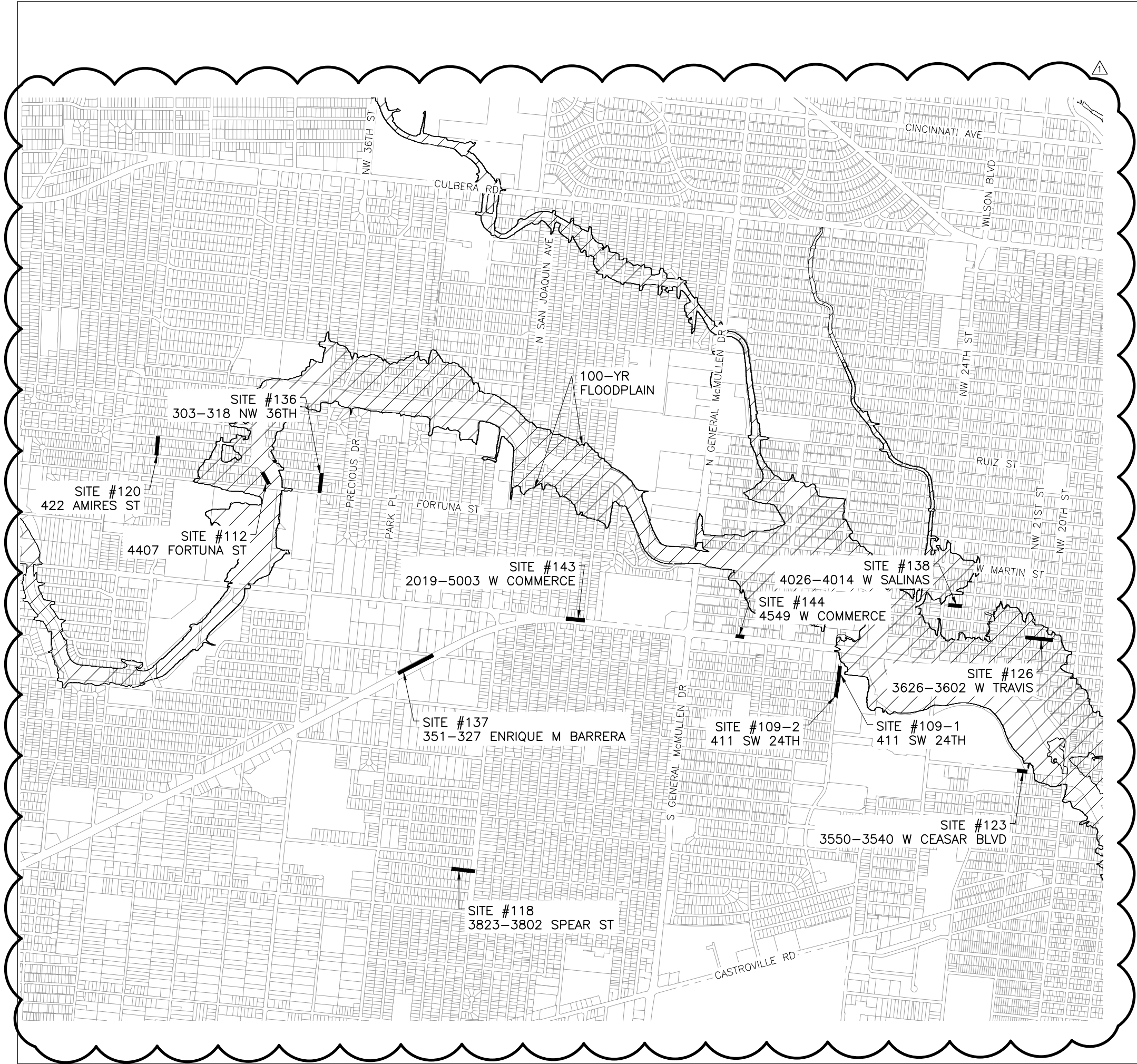
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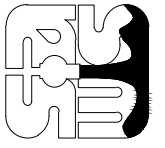
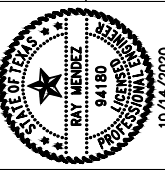
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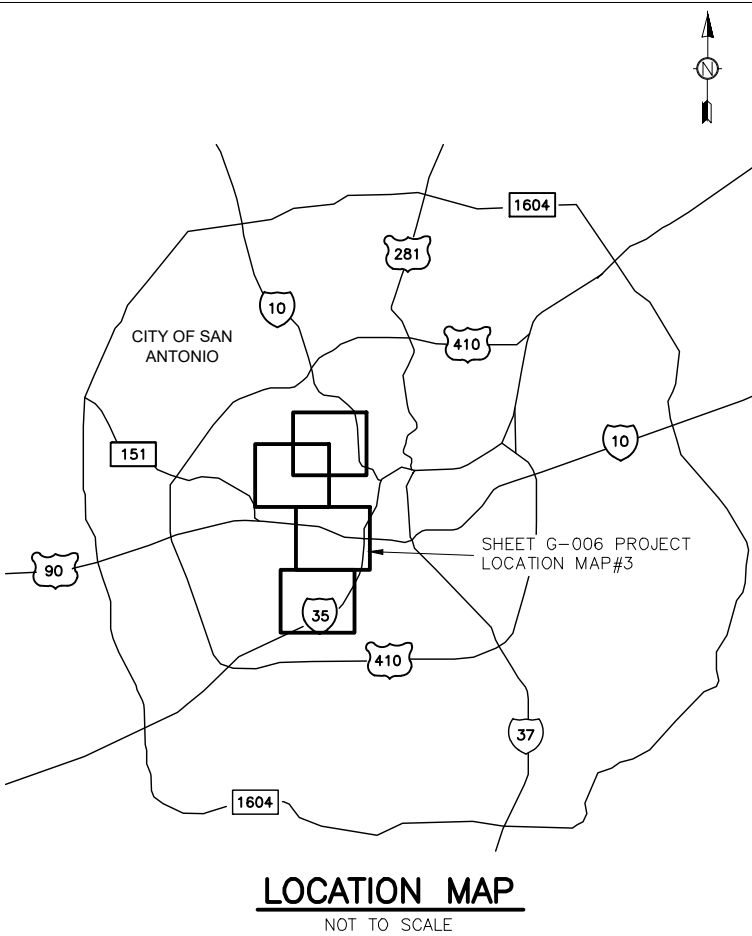
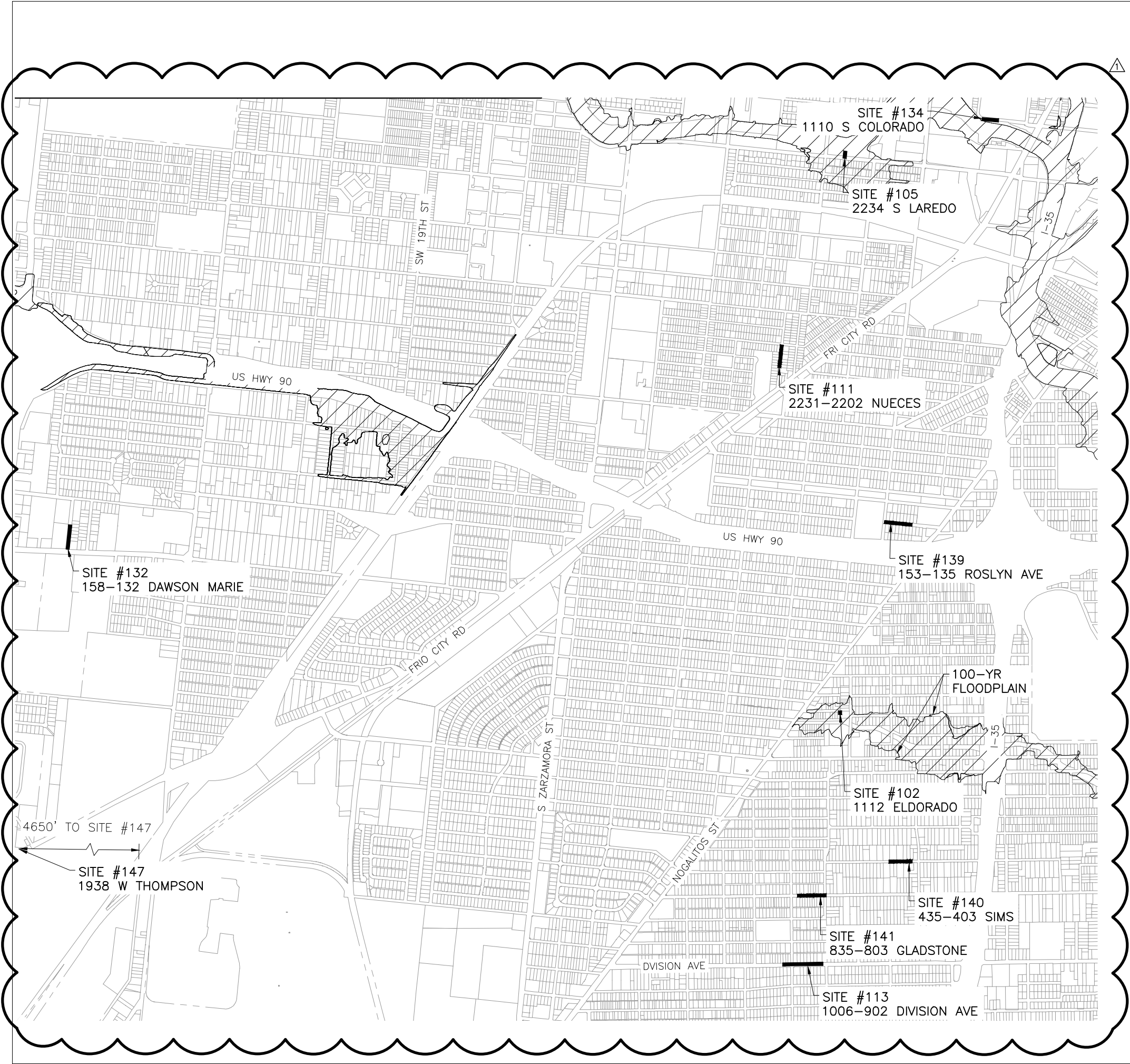
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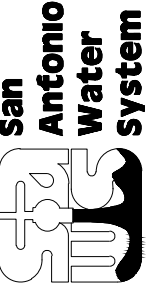
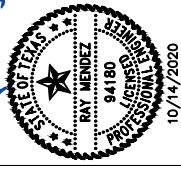


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<p>MELENZ ENGINEERING</p> <p>Registration #F-14070 12550 Country Parkway STE 120, San Antonio, Texas 78216 Office: 210-802-0008 www.MelenzEngineering.com</p>	
<p>San Antonio Water System</p>	
<p>MULTIPLE SEWERSHED PACKAGE 4 CIPP, PIPE BURST, & OPEN-CUT REHABILITATION SAWS JOB NO 19-4512</p>	
<p>SANITARY SEWER LINE REHABILITATION PLAN PROJECT LOCATION MAP 1</p>	
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<p>Dwg. No. G-004</p>	
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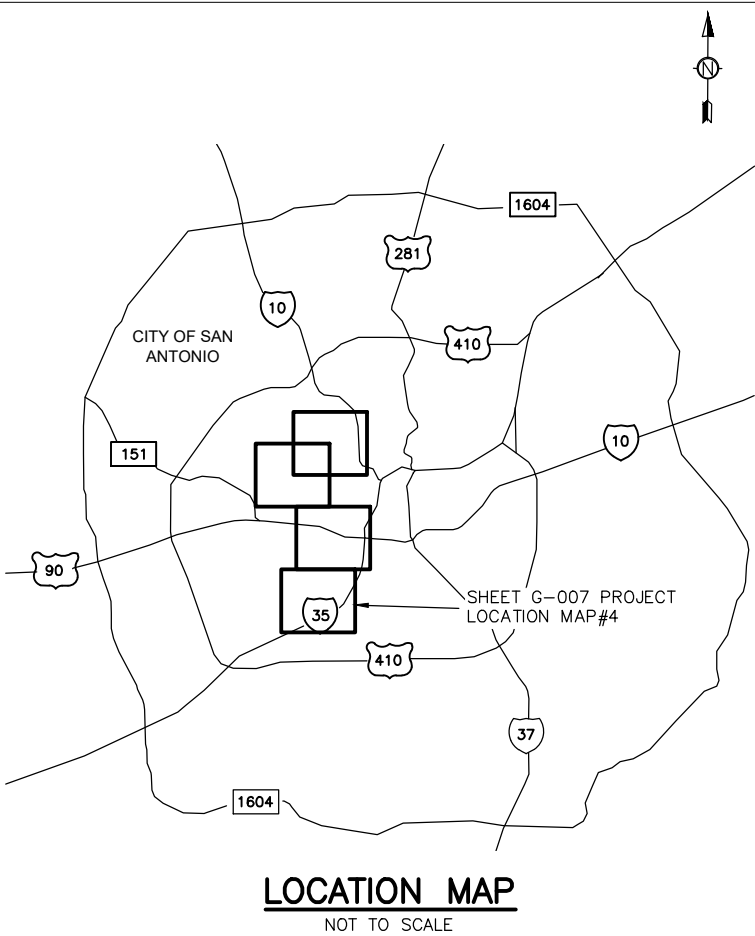
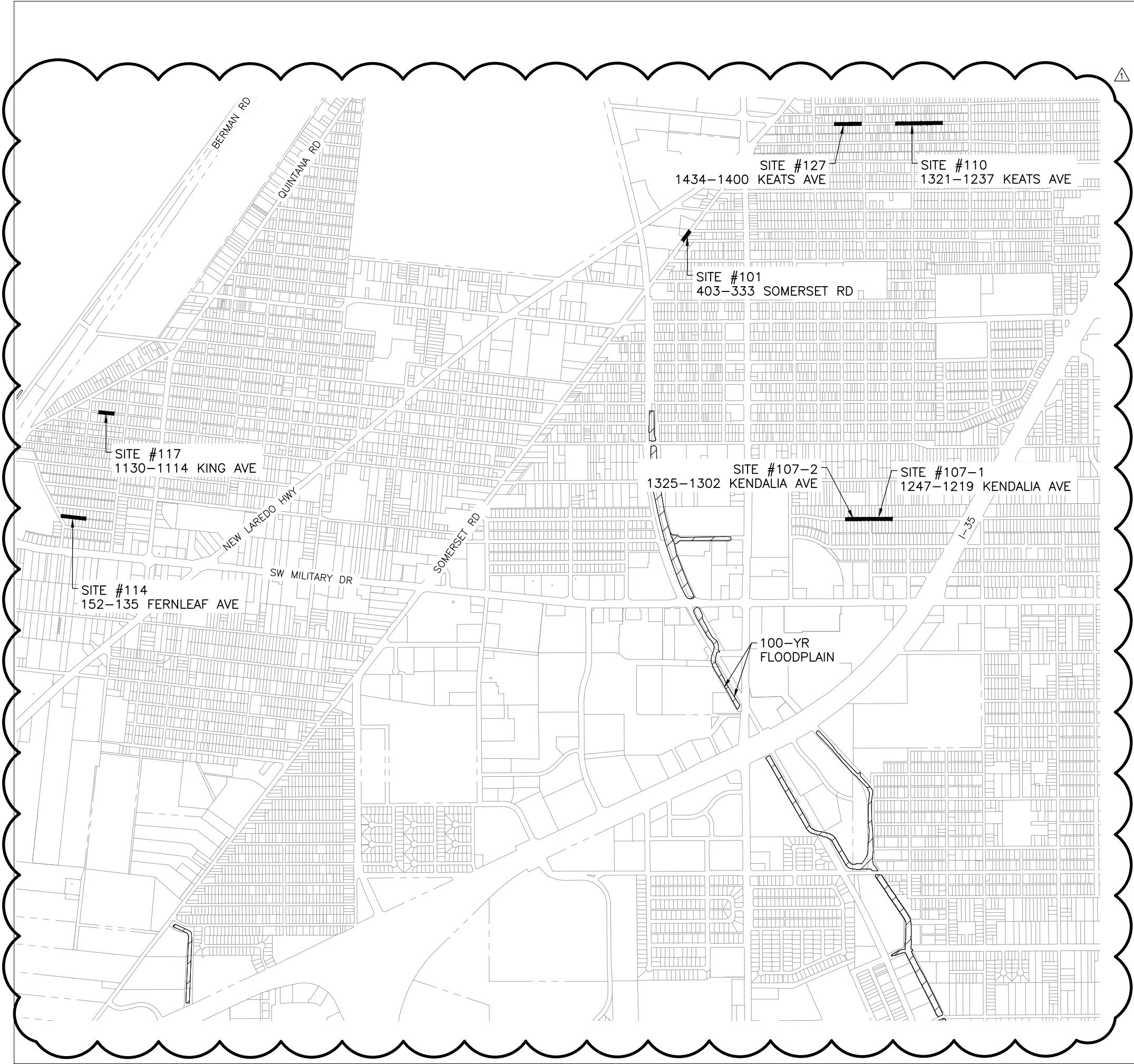





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SANITARY SEWER LINE REHABILITATION PLAN PROJECT LOCATION MAP 2	
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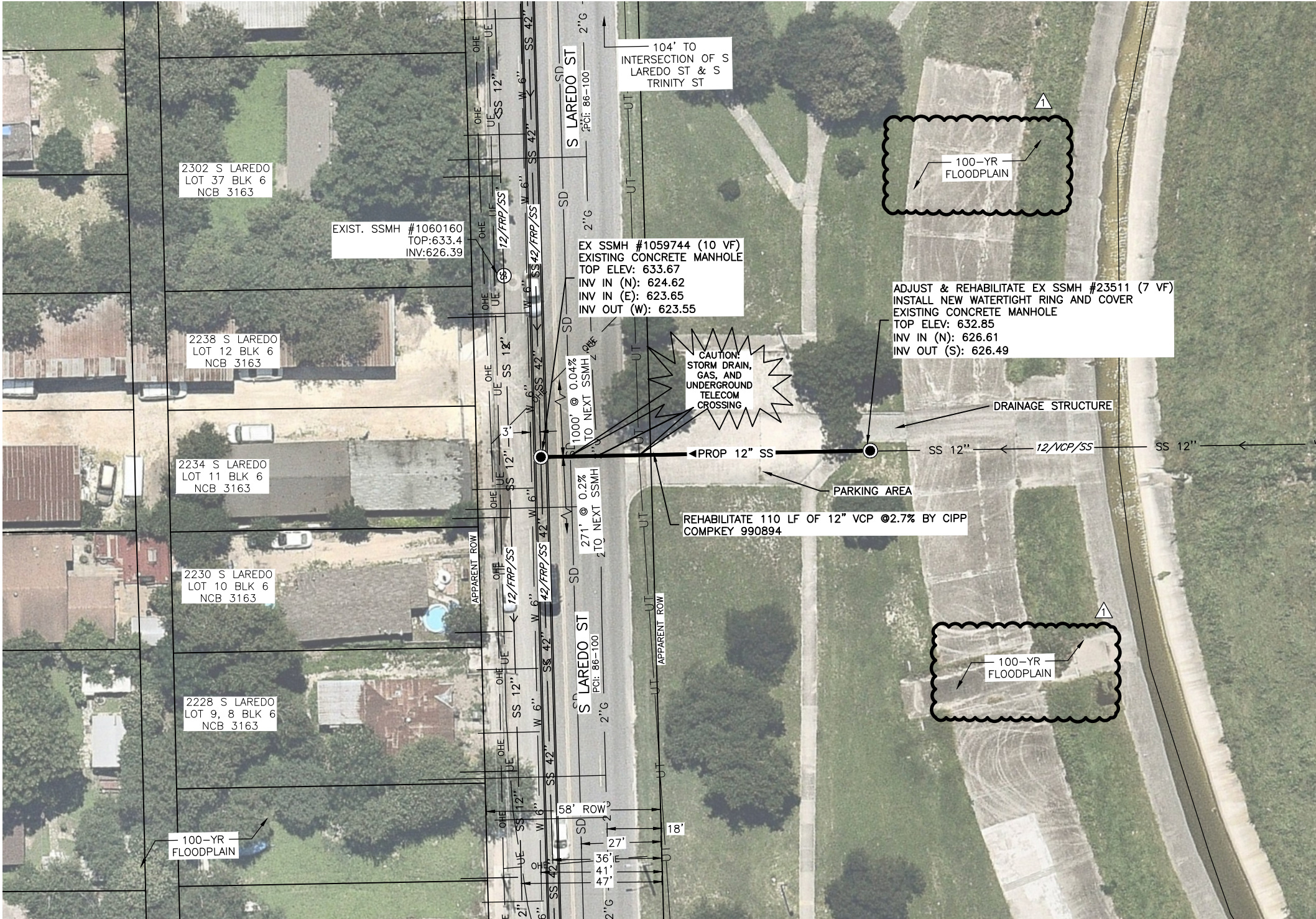


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MULTIPLE SEWERSHED PACKAGE 4 CIPP, PIPE BURST, & OPEN-CUT REHABILITATION SAWS JOB NO 19-4512	
SANITARY SEWER LINE REHABILITATION PLAN PROJECT LOCATION MAP 3	
	
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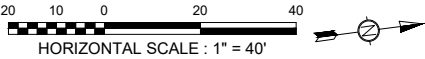


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SANITARY SEWER LINE REHABILITATION PLAN PROJECT LOCATION MAP 4	
 10/14/2020	
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PROP 12" CIPP SANITARY SEWER – 110 LF
COMPKEY 990894
SAWS BLOCK MAP 152574
S LAREDO ST – PCI 86-100
OM-2872

ITEM	DESCRIPTION	UNIT	QTY
530.7	Barricades, Signs, Traffic Handling (COSA Spec)	LS	1
851	Adjust Existing Manholes (W/ New Ring and Watertight Cover)	EA	1
866	Sewer Main Pre-Television Inspection (8"-15" Dia.)	LF	110
901	Install CIPP 12" Sanitary Sewer Pipe (Hot Water) (All Depths)	LF	110
910.1	Manhole Rehabilitation (Standard 4' Dia. Manhole)	VF	7
864-S1	Bypass Pumping (Small Diameter SS)	LS	1
864-S1	Bypass Pumping (Large Diameter SS)	LS	1



- NOTES:
1. REFER TO SHEETS G-008 AND G-009 FOR ADDITIONAL NOTES.
 2. CONTRACTOR SHALL PROTECT ALL TREES AND CURBS WITHIN THE PROJECT LIMITS. NO TREE, CURB, OR INLET REMOVAL IS PERMITTED UNLESS OTHERWISE STATED IN THE DESIGN PLANS.

LEGEND	
PROP. SAN. SWR. RECONSTRUCTION OR REHAB LINES	
PROP. POINT REPAIR LOCATION	
PROP. OBSTRUCTION REMOVAL	
PROP. VOID BACKFILL	
SERVICE LATERAL	

NO. DATE

REVISION

BY

10/20/20 PER ADDENDUM NO. 1

San Antonio Water system

Registration #14070
12950 Country Parkway STE 120,
San Antonio, Texas 78216
Office: 210-502-0006
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MULTIPLE SEWERSHED PACKAGE 4
CIPP, PIPE BURST, & OPEN-CUT
REHABILITATION SAWS JOB NO 19-4512

SANITARY SEWER LINE REHABILITATION PLAN
SITE 105 – S LAREDO ST

STATE OF TEXAS
RAY MENDEZ
94180
PROFESSIONAL
10/07/2020

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San Antonio Water system

Registration #14070
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San Antonio, Texas 78216
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MULTIPLE SEWERSHED PACKAGE 4
CIPP, PIPE BURST, & OPEN-CUT
REHABILITATION SAWS JOB NO 19-4512

SANITARY SEWER LINE REHABILITATION PLAN
SITE 105 – S LAREDO ST

STATE OF TEXAS
RAY MENDEZ
94180
PROFESSIONAL
10/07/2020

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0535-015-01

DISCLAIMER

The video clips being provided through the FTP site are for the Central Small Diameter Sewershed Package 4A project. Since these videos have been compiled over a period of time, many of the images may be outdated and no longer accurate. The video clips are being made available for the sole purpose of providing historical background information that may assist Respondents in preparing their response to this solicitation. As planning for any project evolves, important aspects often change. This project is no exception. SAWS makes no representations about the accuracy of this information and disclaims any responsibility for its use.

The FTP details will be provided upon return of this form.

AGREED TO:

Printed Name

Signature

Typed/Printed Firm Name

Date:
