



2023 Sewer Main Replacement Project 3  
Solicitation Number: CO-00724  
Job No.: 23-4519

**ADDENDUM 1**  
**April 16, 2024**

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. **Would the Owner consider converting the 6LF of 18" CIPP to Open cut because grout filling prior to CIPP requires a uniformed round pipe to hold the grout from protruding into the existing pipe?**

*Response: Open Cut method will not be allowed for Site 5. Contractor to rehabilitate Site 5 using SP901 as described in the Contract documents. Reference Special Provisions to the Technical Specifications.*

**CHANGES TO THE SPECIFICATIONS**

1. **BID PROPOSAL, pages BP-1 to BP-4 – Remove the Bid Proposal in its entirety and replace with the revised Bid Proposal attached to this Addendum. The bid items and estimated quantities have been updated. This version of the bid proposal should be used by bidders when submitting a bid for this project. Failure to use the revised version of the bid proposal may result in the bid being found non-responsive. The changes to the Bid Form include:**

**A)** Updating the quantity for Item No. 63 (Spec item 1109.4) to 31.

2. Due to updates in the General Wage Decisions for Building Construction Type, remove the wage decision documents from the solicitation in entirety and replace with the revised versions attached to this addendum (rev. 04/05/2024 for General Decision Number TX20240231). This version should be utilized by the awarded contractor for this project.

**CLARIFICATIONS**

1. The estimated cost for this project has changed to \$2,219,000.00, which is also now reflected on SAWS website at the following:

[https://apps.saws.org/business\\_center/contractsol/Drill.cfm?id=4336&View=Yes](https://apps.saws.org/business_center/contractsol/Drill.cfm?id=4336&View=Yes)

**CHANGES TO THE PLANS**

1. Remove the following and replace with the attached sheets.
  - General Notes (1 of 2) – Sheet 3
    - Updated VIA Bus Notes
  - Summary of Quantities – Sheet 5
    - Updated the Line Item 1109.4 to 31

- Site A – Compkey 969666 & 968957, Traffic Control Plan 1 of 2, Sanitary Sewer Rehabilitation – Sheet 11
  - Added VIA Bus Stop Locations and a note to reference VIA Bus Notes in General Notes
- Site A – Compkey 969666 & 968957, Traffic Control Plan 2 of 2, Sanitary Sewer Rehabilitation – Sheet 12
  - Added VIA Bus Stop Locations and a note to reference VIA Bus Notes in General Notes
- Site D – Compkey 980158, 971037, 970260, 3524688 & 969745, Traffic Control Plan, Sanitary Sewer Rehabilitation – Sheet 17
  - Added VIA Bus Stop Locations and a note to reference VIA Bus Notes in General Notes
- Site E – Compkey 969187, Sta. 1+00 to Sta. 2+93.48, Sanitary Sewer Rehabilitation – Sheet 18
  - Added Line Item 1109 Service Reconnection (All Depths) (W/Remote Control Cut Device)
- Site No. 5 – Conceptual Traffic Control Plan Buena Vista St – Sheet 30
  - Updated VIA Notes
- Site No. 33 – Compkey 981469 SW Military Dr CIPP Plan – Sheet 31
  - Updated VIA Notes
- Site No. 33 – Conceptual Traffic Control Plan SW Military Dr – Sheet 33
  - Added VIA Bus Stop Locations and added symbol to the Legend

**END OF ADDENDUM**

This Addendum, including these two (2) pages, is twenty-two (22) pages with attachments in its entirety.

Attachments:

- Bid Proposal (4 pages)
- General Wage Decision Number TX20240231 (rev. 04/05/2024) (7 pages)
- Sheet 3, 5, 11, 12, 17, 18, 30, 31, and 33 (9 pages)

Javier Garcia, P.E.  
Garcia Infrastructure Consultants



April 16, 2024

Project Name: 2023 Sewer Main Replacement Project 3  
Solicitation No.: CO-00724  
Job No: 23-4519

## 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 No(s)**. \_\_\_\_\_

### **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 **240** 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

### **Texas Government Code Chapter 2274 Verifications**

- (1) Are you, Contractor, held or controlled by individuals who are citizens of China, Iran, North Korea, Russia or a country designated by the Governor of the State of Texas pursuant to Texas Government Code Chapter 2274? Yes  No
- (2) Are you, Contractor, held or controlled by a company or other entity, including a governmental entity, that is owned or controlled by citizens of or directly controlled by the government of China, Iran, North Korea, Russia or a country designated by the Governor of the State of Texas pursuant to Texas Government Code Chapter 2274? Yes  No
- (3) Are you, Contractor, headquartered in China, Iran, North Korea, Russia or a country designated by the Governor of the State of Texas pursuant to Texas Government Code Chapter 2274?  
Yes  No

**Bid Proposal**

LINE NO.	ITEM NO.	DESCRIPTION	UNITS	QUANTITY	UNIT PRICE	TOTAL PRICE
1	103.1	REMOVE CONCRETE CURB (COSA SPEC)	LF	30	\$	\$
2	103.3	REMOVE CONCRETE SIDEWALKS AND DRIVEWAYS (COSA SPEC)	SF	45	\$	\$
3	104.1	REMOVE CONCRETE CURB (TXDOT SPEC)	LF	150	\$	\$
4	104.2	REMOVE CONCRETE SIDEWALKS (TXDOT SPEC)	SY	104	\$	\$
5	203.1	PRIME COAT (COSA SPEC)	GAL	23	\$	\$
6	203.2	TACK COAT (COSA SPEC)	GAL	11	\$	\$
7	205.2	HMAC, TYPE 'B' (10" COMP. DEPTH) (COSA SPEC)	SY	24	\$	\$
8	205.4	HMAC, TYPE 'D' (2" COMP. DEPTH) (COSA SPEC)	SY	112	\$	\$
9	208.1	SALVAGING, HAULING, AND STOCKPILING RECLAIMABLE ASP. PAVT. (2"DEPTH) (COSA SPEC)	SY	112	\$	\$
10	351	FLEXIBLE PAVEMENT STRUCTURE REPAIR (TXDOT SPEC)	SY	234	\$	\$
11	413.1	FLOWABLE FILL (LOW STRENGTH) (TXDOT SPEC)	CY	10	\$	\$
12	500.1	CONCRETE CURB (COSA SPEC)	LF	30	\$	\$
13	502	BARRICADES, SIGNS, AND TRAFFIC HANDLING (TXDOT SPEC) (SITE 10)	EA	1	\$	\$
14	502.1	CONCRETE SIDEWALK (COSA SPEC)	SY	5	\$	\$
15	515.1	TOPSOIL (4" DEPTH) (COSA SPEC)	CY	39	\$	\$
16	516.1	BERMUDA SODDING (COSA SPEC)	SY	177	\$	\$
17	516.2	ST. AUGUSTINE SODDING (COSA SPEC)	SY	256	\$	\$
18	520	HYDROMULCHING	SY	1080	\$	\$
19	529	CONCRETE CURB (TXDOT SPEC)	LF	150	\$	\$
20	530	PORTLAND CEMENT CONCRETE DRIVEWAY - COMMERCIAL (TXDOT SPEC)	SY	160	\$	\$
21	530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING (LINE 'A') (COSA SPEC)	LS	1	\$	\$
22	530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING (LINE 'D') (COSA SPEC)	LS	1	\$	\$
23	530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING (LINE 'E' - SHERATON) (COSA SPEC)	LS	1	\$	\$
24	530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING (LINE 'F' - MORNINGSIDE) (COSA SPEC)	LS	1	\$	\$
25	530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING (COSA SPEC) - SITE 5	EA	1	\$	\$
26	531	CONCRETE SIDEWALKS (TXDOT SPEC)	SY	104	\$	\$
27	550	TRENCH EXCAVATION SAFETY PROTECTION	LF	407	\$	\$
28	801	TREE AND LANDSCAPE PROTECTION (LEVEL IIA)	LF	1008	\$	\$
29	822	CUSTOMER'S WATER YARD PIPING	LF	40	\$	\$
30	824	RELAY 3/4" SHORT SERVICE	EA	4	\$	\$
31	828	CUSTOMER SHUT-OFF VALVE (3/4")	EA	4	\$	\$
32	833	EXISTING METER AND NEW METER BOX RELOCATION	EA	4	\$	\$
33	833	NEW METER BOX	EA	4	\$	\$
34	848	8" PVC SANITARY SEWER PIPE (SDR 26) (ALL DEPTHS)	LF	237	\$	\$
35	851	ADJUST EXISTING MANHOLES	EA	4	\$	\$
36	852.1	SANITARY SEWER MANHOLE (4' DIA.)	EA	2	\$	\$
37	852.2	SANITARY SEWER SHALLOW (SAWS DD-852-04) MANHOLE (4' DIA.)	EA	1	\$	\$
38	852.4	SANITARY SEWER EXTERNAL DROP MANHOLE (4' DIA.)	EA	1	\$	\$



**Bid Proposal**

39	852.5	EXTRA DEPTH MANHOLE (STD & DOGHOUSE MANHOLES)	VF	3	\$	\$
40	854	6" PVC SANITARY SEWER LATERAL PIPE (SDR 26) (ALL DEPTHS)	LF	52	\$	\$
41	854	TWO-WAY SANITARY SEWER CLEAN-OUT	EA	7	\$	\$
42	858	CONCRETE ENCASMENT, CRADLES, SADDLES, & COLLARS	CY	9	\$	\$
43	862	ABANDONMENT OF SANITARY SEWER MAIN	LF	172	\$	\$
44	864	BYPASS PUMPING (LARGE DIAMETER SANITARY SEWER MAINS) - SITE 5	EA	1	\$	\$
45	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWER MAINS) (LINE 'A' - 8")	LS	1	\$	\$
46	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWER MAINS) (LINE 'D' - 8")	LS	1	\$	\$
47	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWER MAINS) (LINE 'E' - 8")	LS	1	\$	\$
48	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWER MAINS) (LINE 'F' - 8")	LS	1	\$	\$
49	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWER MAINS) - SITE NO. 33	EA	1	\$	\$
50	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWER MAINS) - SITE NO. 10	LS	1	\$	\$
51	866	SANITARY SEWER MAIN TELEVISION INSPECTION (PRE-CONSTRUCTION) (8"-15" DIA.)	LF	2862	\$	\$
52	866	SANITARY SEWER MAIN TELEVISION INSPECTION (POST-CONSTRUCTION) (8"-15" DIA.)	LF	237	\$	\$
53	866	SANITARY SEWER MAIN TELEVISION INSPECTION (PRE-CONSTRUCTION) (18"-24" DIA.)	LF	6	\$	\$
54	901.1	INSTALL CIPP SANITARY SEWER (8") (HOT WATER). (ALL DEPTHS)	LF	2421	\$	\$
55	901.1	INSTALL CIPP SANITARY SEWER (18") (HOT WATER). (ALL DEPTHS)	LF	6	\$	\$
56	910.1	MANHOLE REHABILITATION	VF	59	\$	\$
57	1020	6" WATER MAIN BREAK/LEAK REPAIRS	EA	2	\$	\$
58	1020	8" WATER MAIN BREAK/LEAK REPAIRS	EA	1	\$	\$
59	1020	12" WATER MAIN BREAK/LEAK REPAIRS	EA	1	\$	\$
60	1103.1	POINT REPAIR, 8" DIA. (UP TO 20 LF) (0'-10' DEPTH) (SDR 26, ASTM 2241, 160 PSI)	EA	11	\$	\$
61	1103.2	EXTRA LENGTH POINT REPAIR, 8" DIA. (0'-10' DEPTH) (SDR 26, ASTM 2241, 160 PSI)	LF	122	\$	\$
62	1103.3	OBSTRUCTION REMOVAL (ALL DEPTHS) (W/ REMOTE DEVICE)	EA	1	\$	\$
63	1109.4	SERVICE RECONNECTION (ALL DEPTHS) (W/ REMOTE CONTROL CUT DEVICE)	EA	31	\$	\$
64	3000	HANDLING ASBESTOS CEMENT PIPE	LF	26	\$	\$
65	6001	PORTABLE CHANGEABLE MESSAGE SIGN (TXDOT SPEC) (SITE 10)	EA	2	\$	\$
66	SP-01	REMOVAL & REPLACEMENT OF FENCES (ALL TYPES, SIZES)	LS	1	\$	\$
67	104 6021	REMOVING CONC (CURB) (TXDOT)	LF	40	\$	\$
68	104 6036	REMOVING CONC (SIDEWALK OR RAMP) (TXDOT)	SY	36	\$	\$
69	305 6003	SALVAGE, HAUL & STOCKPILE RECLAIMABLE ASPHALT PAVEMENT (2 TO 4")(TXDOT)	SY	220	\$	\$
70	310 6027	PRIME COAT (TXDOT)	GAL	44	\$	\$
71	401 6001	FLOWABLE FILL (TXDOT)	CY	27	\$	\$
72	502 6025	BARRICADES, SIGNS, TRAFFIC HANDLING (TXDOT) - SITE NO. 33	EA	1	\$	\$
73	529 6001	CONC CURB (TY II) (TXDOT)	LF	40	\$	\$
74	529 6015	CONCRETE CURB (TY C1) (TXDOT)	LF	27	\$	\$
75	531 6001	CONCRETE SIDEWALKS (4") (TXDOT)	SY	36	\$	\$
76	531 6008	CURB RAMPS (TY 5) (TXDOT)	EA	1	\$	\$
77	666 6147	REFL PAV MARK TY I (Y) 24" (SLD) (100MIL) (TXDOT)	LF	280	\$	\$
78	3076 6001	D-GR HMA TY-B PG64-22 (TXDOT)	TON	15	\$	\$

## Bid Proposal

79	3076 6043	D-GR HMA TY-D PG70-22 (LEVEL-UP) (TXDOT)	TON	38	\$	\$	
80	3076 6066	TACK COAT (TXDOT)	GAL	44	\$	\$	
81	6001 6002	PORTABLE CHANGEABLE MESSAGE SIGN (TXDOT) - SITE NO. 33	EA	2	\$	\$	
<b>SUBTOTAL (BASE BID LINE ITEMS 1 TO 81)</b>							\$
82	100.1	MOBILIZATION (SITE A)	LS	1	\$	\$	
83	100.1	MOBILIZATION (SITE D)	LS	1	\$	\$	
84	100.1	MOBILIZATION (SITE E)	LS	1	\$	\$	
85	100.1	MOBILIZATION (SITE F)	LS	1	\$	\$	
86	100.1	MOBILIZATION (SITE 5)	LS	1	\$	\$	
87	100.1	MOBILIZATION (SITE 33)	LS	1	\$	\$	
88	100.1	MOBILIZATION (SITE 10)	LS	1	\$	\$	
<b>SUBTOTAL MOBILIZATION (LINE ITEMS 82 TO 88) (MAX 10% OF LINE ITEMS 1-81)</b>							\$
89	101.1	PREPARING RIGHT OF WAY (MAX 5% OF LINE ITEMS 1-81)	LS	1	\$	\$	
90	102.1	INTERMEDIATE DEMOBILIZATION AND REMOBILIZATION (ALL SITES)	LS	1	\$	\$	
91	SP-02	LANDSCAPING REPAIR	ALW	1	\$ 15,000	\$ 15,000	
<b>SUBTOTAL (LINE ITEMS 89-91)</b>							\$
Mobilization lump sum bid shall be limited to a <b>maximum 10% of the Line-Item Sub-total (Items 1-81) amount.</b>							
Preparing Right-of-Way lump sum bid shall be limited to a <b>maximum of 5% of the Line-Item Subtotal (Items 1-81) amount.</b>							
The Line Items Sub-total (1 - 81) is defined as all bid items EXCLUDING Item 102.1, Intermediate Demobilization and Remobilization; Item 100.1, Mobilization; and Item 101.1, Preparing Right-of-Way.							
In the event of a discrepancy between the written percentage and dollar amount shown for Mobilization and Preparation of ROW bid items the written percentage will govern. If the percentage written exceeds the allowable maximum stated for mobilization and or preparation of ROW, SAWS reserves the right to cap the amount at the percentages shown and adjust the extensions of the bid items accordingly							
<b>TOTAL BID PRICE (TO INCLUDE LINE ITEMS 1-91)</b>							\$

"General Decision Number: TX20240231 04/05/2024

Superseded General Decision Number: TX20230231

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: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(1).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022: Executive Order 14026 generally applies to the contract. The contractor must pay all covered workers at least \$17.20 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 2024.

If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022: Executive Order 13658 generally applies to the contract. The contractor must pay all covered workers at least \$12.90 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2024.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at <http://www.dol.gov/whd/govcontracts>.

Modification Number	Publication Date
0	01/05/2024
1	01/12/2024

ASBE0087-014 06/04/2023

Rates Fringes

ASBESTOS WORKER/HEAT & FROST  
INSULATOR (Duct, Pipe and  
Mechanical System Insulation)....\$ 28.95 8.39

BOIL0074-003 07/01/2023

Rates Fringes

BOILERMAKER.....\$ 37.00 24.64

\* ELEC0060-003 01/01/2024

Rates Fringes

ELECTRICIAN (Communication  
Technician Only).....\$ 33.50 18%+5.45

\* ELEC0060-004 01/01/2024

Rates Fringes

ELECTRICIAN (Excludes Low  
Voltage Wiring).....\$ 33.50 18%+5.45

ELEV0081-001 01/01/2023

Rates Fringes

ELEVATOR MECHANIC.....\$ 46.83 37.335+a+b

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 06/01/2023

Rates Fringes

IRONWORKER, STRUCTURAL.....\$ 26.00 7.53

IRON0084-011 06/01/2023

Rates Fringes

IRONWORKER, ORNAMENTAL.....\$ 27.51 8.13

PLUM0142-009 07/01/2023

Rates Fringes

HVAC MECHANIC (Electrical  
Temperature Control  
Installation & Unit  
Installation Only).....\$ 35.95 11.25  
PIPEFITTER (Including HVAC  
Pipe Installation).....\$ 35.95 11.25  
Including HVAC Pipe Installation  
PLUMBER.....\$ 35.95 11.25  
Excludes HVAC Pipe Installation

\* SFTX0669-002 04/01/2024

Rates Fringes

SPRINKLER FITTER (Fire  
Sprinklers).....\$ 36.15 23.88

SHEE0067-004 07/03/2023

Rates Fringes

Sheet metal worker  
Excludes HVAC Duct  
Installation.....\$ 30.24 15.89  
HVAC Duct Installation Only.\$ 30.24 15.89

\* 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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 \*\* Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$17.20) or 13658 (\$12.90). Please see the Note at the top of the wage determination for more information. Please also note that the minimum wage requirements of Executive Order 14026 are not currently being enforced as to any contract or subcontract to which the states of Texas, Louisiana, or Mississippi, including

their agencies, are a party.

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 <https://www.dol.gov/agencies/whd/government-contracts>.

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) (iii)).

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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.

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### 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 National Office because National Office has 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"

SAWS GENERAL CONSTRUCTION NOTES

GENERAL SECTION:

- 1. ALL MATERIALS AND CONSTRUCTION PROCEDURES WITHIN THE SCOPE OF THIS CONTRACT SHALL BE APPROVED BY THE SAN ANTONIO WATER SYSTEM (SAWS) AND COMPLY WITH THE PLANS, SPECIFICATIONS, GENERAL CONDITIONS AND WITH THE FOLLOWING AS APPLICABLE:
A. CURRENT TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ) "DESIGN CRITERIA FOR DOMESTIC WASTEWATER SYSTEM", TEXAS ADMINISTRATIVE CODE (TAC) TITLE 30 PART 1 CHAPTER 217 AND "PUBLIC DRINKING WATER", TAC TITLE 30 PART 1 CHAPTER 290.
B. CURRENT TxDOT "STANDARD SPECIFICATIONS FOR CONSTRUCTION OF HIGHWAYS, STREETS AND DRAINAGE."
C. CURRENT "SAN ANTONIO WATER SYSTEM STANDARD SPECIFICATIONS FOR WATER AND SANITARY SEWER CONSTRUCTION."
D. CURRENT CITY OF TERRELL HILLS OR ALAMO HEIGHTS (AS APPLICABLE) STANDARD DETAILS AND SPECIFICATION; IN THEIR ABSENCE, THE CITY OF SAN ANTONIO "STANDARD SPECIFICATIONS FOR CONSTRUCTION" AND DETAILS SHALL BE SUBSTITUTED.
E. CURRENT CITY OF SAN ANTONIO "UTILITY EXCAVATION CRITERIA MANUAL" (UECM).
2. THE CONTRACTOR SHALL OBTAIN SAWS STANDARD DETAILS FROM SAWS WEBSITE, HTTPS://APPS.SAWS.ORG/BUSINESS\_CENTER/SPECS/CONSTSPECS\_2020 (APPLICABLE FOR PROJECTS BEGINNING DESIGN AFTER JANUARY 1, 2020) UNLESS OTHERWISE NOTED WITHIN DESIGN PLANS.
3. THE CONTRACTOR IS TO NOTIFY AND MAKE ARRANGEMENTS WITH THE SAWS CONSTRUCTION INSPECTION DIVISION AT 210-233-3500, AND PROVIDE NOTIFICATION PROCEDURES THE CONTRACTOR WILL USE TO NOTIFY AFFECTED HOME RESIDENTS AND/OR PROPERTY OWNERS 72 HOURS PRIOR TO EXCAVATION. OUTSIDE OF REGULAR SAWS WORKING HOURS THE SAWS EOC SHOULD BE CONTACTED AT 210-704-7297.
4. IF NECESSARY, CONTRACTOR WILL COORDINATE USE OF SAWS PREMISES AT NO ADDITIONAL COST TO SAWS. SUCH EFFORTS INCLUDE, BUT ARE NOT LIMITED TO, OBTAINING SECURITY IDENTIFICATION BADGES REQUIRED FOR ACCESS TO SAWS FACILITIES.
5. LOCATIONS AND DEPTHS OF EXISTING UTILITIES AND SERVICE LATERALS SHOWN ON THE PLANS ARE UNDERSTOOD TO BE APPROXIMATE. ACTUAL LOCATIONS AND DEPTHS MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE UTILITY SERVICE LINES AS REQUIRED FOR CONSTRUCTION AND TO PROTECT THEM DURING CONSTRUCTION AT NO COST TO SAWS.
6. THE CONTRACTOR SHALL VERIFY THE EXACT LOCATION OF UNDERGROUND UTILITIES AND DRAINAGE STRUCTURES PRIOR TO CONSTRUCTION WHETHER SHOWN ON PLANS OR NOT. PLANS-OF-RECORD (COMMONLY REFERRED TO AS "AS-BUILTS") FOR SAWS INFRASTRUCTURE CAN BE OBTAINED AT WEBSITE BELOW. CONTRACTOR SHALL COORDINATE PHYSICAL LOCATES FOR SAWS INFRASTRUCTURE THROUGH THE SAWS INSPECTOR. PLEASE ALLOW UP TO 7 BUSINESS DAYS FOR LOCATES REQUESTING PIPE LOCATION MARKERS ON SAWS INFRASTRUCTURE. THE FOLLOWING CONTACT INFORMATION ARE SUPPLIED FOR VERIFICATION PURPOSES:

SAN ANTONIO WATER SYSTEM: REQUEST PLANS-OF-RECORD ("AS-BUILTS"): HTTPS://WWW.SAWS.ORG/SERVICE/LOCATES-SERVICE/

COSA DRAINAGE 210-206-8433
COSA TRAFFIC SIGNAL OPERATIONS 210-207-7720
TEXAS STATE WIDE ONE CALL LOCATOR 1-800-545-6005 OR 811.

- 7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESTORING EXISTING FENCES, CURBS, STREETS, DRIVEWAYS, SIDEWALKS, LANDSCAPING AND STRUCTURES TO THEIR ORIGINAL OR BETTER CONDITION AS A RESULT OF DAMAGES DONE BY THE PROJECT'S CONSTRUCTION. NO SEPARATE PAY ITEM UNLESS SPECIFICALLY PROVIDED FOR IN THE PLANS AND BID TAB.
8. CONTRACTOR SHALL NOT MAKE USE OF DUMPSTERS OR WASTE BINS THAT ARE INTENDED TO SERVE RESIDENTS AND/OR BUSINESSES.
9. ALL WORK IN TEXAS HIGHWAY DEPARTMENT AND BEXAR COUNTY RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH RESPECTIVE CONSTRUCTION SPECIFICATIONS AND PERMIT(S).
10. ALL WORK IN CITY OF TERRELL HILLS OR ALAMO HEIGHTS RIGHT-OF-WAY SHALL BE DONE IN ACCORDANCE WITH RESPECTIVE CONSTRUCTION SPECIFICATIONS AND PERMIT(S).
11. THE CONTRACTOR SHALL COMPLY WITH CITY OF SAN ANTONIO OR OTHER GOVERNING MUNICIPALITY'S (TERRELL HILLS) TREE ORDINANCES WHEN EXCAVATING NEAR TREES.
12. ALL WORK WITHIN THE 100-YEAR FLOODPLAIN SHALL BE DONE IN ACCORDANCE WITH FLOODPLAIN DEVELOPMENT PERMIT OF THE GOVERNING JURISDICTION.
13. ANY WORK INITIATED AND/OR COMPLETED WITHOUT PRIOR WRITTEN AUTHORIZATION WHICH IS NOT INCLUDED IN THESE PLANS AND SPECIFICATIONS WILL NOT BE COMPENSATED BY THE SAN ANTONIO WATER SYSTEM.
14. HOLIDAY WORK: CONTRACTORS WILL NOT BE ALLOWED TO PERFORM SAWS WORK ON SAWS RECOGNIZED HOLIDAYS.

WEEKEND WORK: CONTRACTORS ARE REQUIRED TO SUBMIT REQUEST TO THE SAWS INSPECTION CONSTRUCTION DEPARTMENT BY 12:00PM ON THE WEDNESDAY PRIOR TO THE WEEKEND BEING REQUESTED. REQUEST SHOULD BE SENT TO CONSTW@SAWS.ORG. WEEKEND WORK SHALL ALSO BE COORDINATED AND APPROVED BY THE CITY OF TERRELL HILLS OR ALAMO HEIGHTS AS APPLICABLE.

ANY AND ALL SAWS UTILITY WORK INSTALLED WITHOUT WEEKEND APPROVAL WILL BE SUBJECT TO BEING UNCOVERED FOR PROPER INSPECTION AT NO COST TO

SAWS. ANY SUCH WORK REQUESTED TO BE CORRECTED OR RE-DONE WILL BE AT NO COST TO SAWS.

- 15. PRE-CONSTRUCTION SITE VIDEO: BEFORE THE START OF ANY CONSTRUCTION THE SITE MUST BE VIDEO RECORDED BY THE CONTRACTOR WITH ONE COPY SUBMITTED TO SAWS INSPECTIONS. A PRE-CONSTRUCTION SITE VIDEO WILL PROVIDE ACCURATE DOCUMENTATION OF THE EXISTING CONDITIONS (NSPI).
16. POWER POLE BRACING: CONTRACTORS SHOULD BE ADVISED THAT THERE ARE EXISTING OVERHEAD UTILITY POLES ALONG THE PROJECT CORRIDOR. CONTRACTORS ARE FURTHER ADVISED THAT IF THE DISTANCE FROM THE OUTSIDE FACE OF A UTILITY TRENCH TO THE FACE OF A UTILITY POLE IS LESS THAN 5 FEET, SAID UTILITY POLE IS SUBJECT TO BRACING, BASED ON A DETERMINATION MADE BY THE UTILITY POLE OWNER. COSTS INCURRED BY CONTRACTOR FOR BRACING OF THESE UTILITY POLES IS SUBSIDIARY TO THAT RESPECTIVE UTILITY WORK. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE CONSTRUCTION DOCUMENTS PRIOR TO BIDDING AND TO VISIT THE CONSTRUCTION SITE TO DETERMINE POTENTIAL IMPACTS AND COSTS.
17. CONSTRUCTION SEQUENCING: IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO SCHEDULE SEQUENCING FOR REMOVAL AND INSTALLATION OF EXISTING AND PROPOSED SAWS UTILITIES IN CONJUNCTION WITH GENERAL PROJECT CONSTRUCTION. SEQUENCE OF CONSTRUCTION ACTIVITIES SHALL BE CONSIDERED IN ORDER TO MINIMIZE THE EXTENT, AFFECT, AND DURATION OF DISTURBANCES OR INTERRUPTIONS OF SERVICE.
18. CONTRACTOR SHALL COMPLY WITH APPLICABLE REGULATIONS INCLUDING, BUT NOT LIMITED TO, THOSE overseen BY THE U.S. OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA). OSHA INFORMATION AND RELATED MATERIALS MAY BE OBTAINED AT HTTPS://WWW.OSHA.GOV/ OR AT THE OSHA SAN ANTONIO OFFICE LOCATED AT FOUNTAINHEAD TOWER, 8200 W. INTERSTATE 10, SUITE 605, SAN ANTONIO, TX 78230 WHICH MAY BE REACHED BY PHONE AT (210) 472-5040.
19. TRENCH EXCAVATION SAFETY PROTECTION: CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT (STRUCTURAL DESIGN/GEOTECHNICAL/ SAFETY/EQUIPMENT CONSULTANT), IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREAS IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES. THE CONTRACTOR'S IMPLEMENTATION OF THE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLIES WITH, AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

SEWER SECTION:

- 20. THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT NO SANITARY SEWER OVERFLOW (SSO) OCCURS AS A RESULT OF THEIR WORK. ALL CONTRACTOR PERSONNEL RESPONSIBLE FOR SSO PREVENTION AND CONTROL SHALL BE TRAINED ON PROPER RESPONSE. SHOULD AN SSO OCCUR, THE CONTRACTOR SHALL:

- A. IDENTIFY THE SOURCE OF THE SSO AND NOTIFY SAWS EMERGENCY OPERATIONS CENTER (EOC) IMMEDIATELY AT 210-704-SAWS (210-704-7297). PROVIDE THE PHYSICAL ADDRESS OF THE SPILL AND AN ESTIMATED VOLUME OR FLOW.
B. ATTEMPT TO ELIMINATE THE SOURCE OF THE SSO.
C. CONTAIN SEWAGE FROM THE SSO TO THE EXTENT PRACTICAL AND TAKE MEASURES TO PREVENT POSSIBLE CONTAMINATION OF WATERWAYS.
D. CLEAN UP SPILL SITE (RETURN CONTAINED SEWAGE TO THE COLLECTION SYSTEM IF POSSIBLE) AND PROPERLY DISPOSE OF CONTAMINATED SOIL/MATERIALS.
E. CLEAN THE AFFECTED SEWER MAINS AND REMOVE ANY DEBRIS.
F. MEET ALL POST-SSO REQUIREMENTS AS PER THE EPA CONSENT DECREE, INCLUDING LINE CLEANING AND TELEVISION THE AFFECTED SEWER MAINS (AT SAWS DIRECTION) WITHIN 24 HOURS.

SHOULD THE CONTRACTOR FAIL TO ADDRESS AN SSO IMMEDIATELY AND TO SAWS SATISFACTION, THEY WILL BE RESPONSIBLE FOR ALL COSTS INCURRED BY SAWS, INCLUDING ANY FINES FROM EPA.

NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE FOR THIS WORK. ALL WORK SHALL BE DONE ACCORDING TO GUIDELINES SET BY THE TCEQ AND SAWS.

- 17. ANY SPILL OVERFLOW OR DISCHARGE OF RECYCLED WATER, PETROLEUM PRODUCTS, OR CHEMICALS SHALL BE IMMEDIATELY REPORTED TO THE SAWS INSPECTOR. ATTENUATION EFFORTS AND CLEANUP SHALL BE AS DIRECTED BY SAWS AND ANY GOVERNING REGULATIONS AT NOW COST TO SAWS.
18. SEWER PIPE WHERE A WATER MAIN IS PARALLEL WITHIN 9-FOOT OR CROSSES THE SEWER PIPE SHALL BE 160 PSI (ASTM D2241) PVC AND MEET ALL APPLICABLE TCEQ REQUIREMENTS OR SAWS VARIANCE(S). WHEN CROSSING, A FULL SECTION OF SEWER PIPE SHALL BE CENTERED ABOUT THE WATER MAIN.
19. ALL PVC SEWER PIPE OVER 14 FEET OF COVER SHALL BE EXTRA STRENGTH WITH MINIMUM PIPE STIFFNESS OF 115 PSI.
20. CONTRACTOR SHALL REMOVE ANY STEPS IDENTIFIED IN THE MANHOLES PRIOR TO THE MANHOLE BEING REHABILITATED. (N.S.P.I.)
21. AS PER THE SAWS SPECIFICATIONS FOR WATER AND SEWER CONSTRUCTION ALL MANHOLE AND PIPE TESTING (INCLUDING THE CCTV INSPECTION) MUST BE PERFORMED AND PASS PRIOR TO FINAL FIELD ACCEPTANCE BY SAWS CONSTRUCTION INSPECTION DIVISION.
22. THE CONTRACTOR SHALL PROVIDE BYPASS PUMPING OF SEWAGE AROUND EACH SEGMENT OF PIPE TO BE REPLACED, IN ACCORDANCE WITH SAWS STANDARD SPECIFICATION ITEM NO. 865, "BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS)" AND ITEM NO. 864-S2 "BYPASS PUMPING (LARGE DIAMETER SANITARY

- SEWERS)" AS APPLICABLE. PAYMENT FOR SUCH WORK WILL BE MADE UNDER THE BID ITEM ASSOCIATED WITH SANITARY SEWER BYPASS PUMPING IN ACCORDANCE WITH SAWS STANDARD SPECIFICATIONS 865 AND 864-S2.
23. PRIOR TO TIE-INS OF EXISTING FORCE MAINS OF ANY SIZE, ANY SHUTDOWN(S) MUST BE COORDINATED WITH THE SAWS CONSTRUCTION INSPECTION DIVISION AT 210-233-3500 AND/OR SAWS PRODUCTION GROUPS AT LEAST TWO WEEKS OR MORE IN ADVANCE OF THE SHUTDOWN. THE CONTRACTOR MUST ALSO PROVIDE A SEQUENCE OF WORK AS RELATED TO THE TIE-INS; THIS IS AT NO ADDITIONAL COST TO SAWS OR THE PROJECT AND IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO SEQUENCE THE WORK ACCORDINGLY.
24. CONTRACTOR SHALL COORDINATE ANY PLANNED DISRUPTION OR SHUTDOWN OF WATER SERVICE(S) WITH THE SAWS CONSTRUCTION INSPECTIONS DIVISION AT LEAST 72 HOURS IN ADVANCE. ANY DISRUPTION OF SERVICE(S) DUE TO ACCIDENTAL DAMAGE OR BREAKAGE OF WATER MAINS SHALL BE REPORTED AND IMMEDIATELY REPAIRED AS DIRECTED BY SAWS AT NO ADDITIONAL COST TO SAWS.
25. ELEVATIONS POSTED FOR TOP OF MANHOLES ARE FOR REFERENCE ONLY: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE ALLOWANCES AND ADJUSTMENTS FOR TOP OF MANHOLES TO MATCH THE FINAL (EXISTING OR PROPOSED) GRADE OF THE PROJECT'S IMPROVEMENTS. (N.S.P.I.)
26. SMART MANHOLE COVERS: THE CONTRACTOR SHALL NOTIFY SAWS EOC AT 210-704-SAWS (210-233-7297) AND EITHER AMERICA ESPINOZA AT 210-233-2934 OR JOSE A. MARTINEZ AT 210-233-3071 A MINIMUM OF 72 HOURS, NOT COUNTING WEEKENDS OR SAWS HOLIDAYS BEFORE WORKING ON THE PIPE OR MANHOLE, IN ORDER TO HAVE SAWS REMOVE THE SMART COVER. ANY DAMAGE DONE TO THE SMART COVER WILL BE CHARGED TO THE CONTRACTOR THROUGH A CHANGE ORDER.
27. FLOW METERS IN MANHOLES: THE CONTRACTOR SHALL NOTIFY BOBBY JOHNSON 210-233-3493 OR ABLE BORUNDA AT 210-233-3704 A MINIMUM OF 72 HOURS NOT COUNTING WEEKENDS OR SAWS HOLIDAYS, BEFORE WORKING ON THE PIPE OR MANHOLE, IN ORDER TO HAVE SAWS REMOVE THE FLOW METER IN THE MANHOLE. ANY DAMAGE DONE TO THE FLOW METER WILL BE CHARGED TO THE CONTRACTOR THROUGH A CHANGE ORDER.

UNDERGROUND TELEPHONE/COMMUNICATION LINES NOTE

- 1. THE EXISTENCE AND LOCATION OF UNDERGROUND CABLE AS SHOWN ON THESE PLANS HAS BEEN TAKEN FROM THE AVAILABLE INFORMATION AND ARE NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. CONTRACTOR SHALL CONTACT THE TELEPHONE/COMMUNICATION COMPANY CABLE LOCATOR 48 HOURS PRIOR TO EXCAVATION AT 1-800-545-6505. CONTRACTOR SHALL PROTECT AND (AS NECESSARY) INSTALL SHORING/SUPPORTS FOR ANY FACILITIES DURING CONSTRUCTION. (N.S.P.I.)

TRAFFIC CONTROL NOTE

- 1. NECESSARY TRAFFIC CONTROL, FLAGMEN, DETOUR ROUTING AROUND WORK ACTIVITIES AND MAINTENANCE OF DETOUR SIGNS ARE THE CONTRACTOR'S RESPONSIBILITY. ALL SUCH TRAFFIC CONTROL SHALL BE COORDINATED (AND PERMITTED AS MAY BE REQUIRED) WITH THE CITY OF TERRELL HILLS OR ALAMO HEIGHTS (AS APPLICABLE). UNLESS DIRECTED OTHERWISE BY THE PLANS, DURING WORKING HOURS, IN ALL AREAS WHERE WORK IS ADJACENT TO OR CROSSING ROADWAYS, THE CONTRACTOR SHALL MAINTAIN AT LEAST ONE OPEN TRAFFIC LANE (12 FT.) CONTROLLED WITH FLAGMEN; DURING ALL NON-WORKING HOURS A MINIMUM OF TWO TRAFFIC LANES (24 FT.) SHALL BE OPEN TO TRAFFIC. CONTRACTOR WILL FURNISH AND MAINTAIN ALL REQUIRED TRAFFIC CONTROL DEVICES PER TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) TO PROPERLY WARN, GUIDE, AND CONTROL TRAFFIC AT ALL TIMES DURING CONSTRUCTION. (FULL COMPENSATION SHALL BE UNDER SPEC 530).

HAULING AND STORAGE

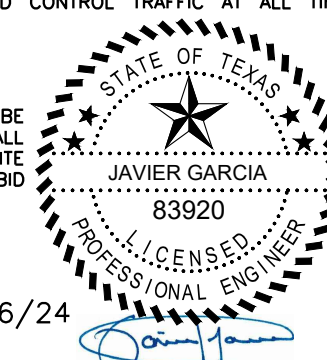
- 1. HAULING AND/OR TEMPORARY STORAGE OF EQUIPMENT AND MATERIALS MAY BE NECESSARY, INCLUDING EXCAVATED MATERIAL AND SPOILS. CONTRACTOR SHALL INCLUDE IN HIS BID PRICE ALL COSTS ASSOCIATED WITH HAULING AND OFF-SITE STORAGE OF ALL MATERIALS AND/OR EQUIPMENT AS PART OF THE APPLICABLE BID ITEM(S). ALSO REFER TO THE PROJECT SPECIFICATIONS.

CONTRACTOR NOTE

- 1. ALL SHOP DRAWINGS AND SUBMITTALS REQUIRED FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

VIA BUS NOTE

- 1. THE CONTRACTOR SHALL NOT REMOVE OR ADJUST ANY VIA ASSETS.
2. IF FOR ANY REASON THE REMOVAL OF ANY ASSETS IS NEEDED, THE CONTRACTOR MUST NOTIFY VIA DISPATCH AT (210) 362-5020 AND/OR JOE WILGEN AT (210) 441-1518 AS SOON AS POSSIBLE.
3. THE CONTRACTOR MUST NOTIFY VIA DISPATCH AT (210) 362-5020 AND/OR JOE WILGEN AT (210) 441-1518 A MINIMUM OF ONE (1) WEEK BEFORE ANY WORK THAT REQUIRES A DETOUR IN ONE OR BOTH DIRECTIONS ALONG A VIA BUS ROUTE.
4. THE CONTRACTOR MUST NOTIFY VIA DISPATCH AT (210) 362-5020 AND/OR JOE WILGEN AT (210) 441-1518 A MINIMUM OF ONE (1) DAY BEFORE ANY WORK THAT REQUIRES THE TEMPORARY CLOSURE OF A BUS STOP.
5. THE CONTRACTOR MUST NOTIFY VIA DISPATCH AT (210) 362-5020 AND/OR JOE WILGEN (210) 441-1518 WHEN ANY TEMPORARILY CLOSED BUS STOP CAN BE REOPENED.
6. THE CONTRACTOR WILL BE LIABLE FOR ANY DAMAGES TO VIA ASSETS NOT REMOVED BY VIA.
7. THE CONTRACTOR IS REQUIRED TO REPLACE ALL FLATWORK REMOVED OR DAMAGED IN THE COURSE OF EXECUTING THE CONTRACT UNLESS OTHERWISE NOTED BY VIA.
8. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING VIA FACILITIES ADJACENT TO THE WORK AREA.



4/16/24

Garcia Infrastructure Consultants, LLC
Texas Firm No. F-17794
12042 Blanco Rd., Ste. 203
San Antonio, Texas 78216
Ph. (210) 437-0323

Table with 4 columns: No., Revision, Drawn, Approved, Date. Row 1: 1, ADDENDUM 1, JT, RA, 4/16/24

2023 SEWER MAIN REPLACEMENT PROJECT 3
GENERAL NOTES (1 OF 2)

Table with 2 columns: DEVELOPER: SAN-ANTONIO-WATER-SYSTEM, BUDGET PROJ.
SUBMITTED:
APPROVED:
MAP No. 172-598, SHEET 3
SECT. No., DR. RA, CK. JG, JOB No. 23-4519, OF 46

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**SUMMARY OF QUANTITIES**

ITEM #	DESCRIPTION	UNITS	QTY.	ITEM #	DESCRIPTION	UNITS	QTY.
100.1	MOBILIZATION (SITE A)	LS	1	852.4	SANITARY SEWER EXTERNAL DROP MANHOLE (4' DIA.)	EA	1
100.1	MOBILIZATION (SITE D)	LS	1	852.5	EXTRA DEPTH MANHOLE (STD & DOGHOUSE MANHOLES)	VF	3
100.1	MOBILIZATION (SITE E)	LS	1	854	6" PVC SANITARY SEWER LATERAL PIPE (SDR 26) (ALL DEPTHS)	LF	52
100.1	MOBILIZATION (SITE F)	LS	1	854	TWO-WAY SANITARY SEWER CLEAN-OUT	EA	7
100.1	MOBILIZATION (SITE 5)	LS	1	858	CONCRETE ENCASUREMENT, CRADLES, SADDLES, & COLLARS	CY	9
100.1	MOBILIZATION (SITE 33)	LS	1	862	ABANDONMENT OF SANITARY SEWER MAIN	LF	172
100.1	MOBILIZATION (SITE 10)	LS	1	864	BYPASS PUMPING (LARGE DIAMETER SANITARY SEWER MAINS) - SITE 5	EA	1
101.1	PREPARING RIGHT-OF-WAY	LS	1	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWER MAINS) (LINE 'A' - 8")	LS	1
102.1	INTERMEDIATE DEMOBILIZATION AND REMOBILIZATION (ALL SITES)	LS	1	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWER MAINS) (LINE 'D' - 8")	LS	1
103.1	REMOVE CONCRETE CURB (COSA SPEC)	LF	30	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWER MAINS) (LINE 'E' - 8")	LS	1
103.3	REMOVE CONCRETE SIDEWALKS AND DRIVEWAYS (COSA SPEC)	SF	45	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWER MAINS) (LINE 'F' - 8")	LS	1
104.1	REMOVE CONCRETE CURB (TXDOT SPEC)	LF	150	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWER MAINS) - SITE NO. 33	EA	1
104.2	REMOVE CONCRETE SIDEWALKS (TXDOT SPEC)	SY	104	865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWER MAINS) - SITE NO. 10	LS	1
203.1	PRIME COAT (COSA SPEC)	GAL	23	866	SANITARY SEWER MAIN TELEVISION INSPECTION (PRE-CONSTRUCTION) (8"-15" DIA.)	LF	2862
203.2	TACK COAT (COSA SPEC)	GAL	11	866	SANITARY SEWER MAIN TELEVISION INSPECTION (POST-CONSTRUCTION) (8"-15" DIA.)	LF	237
205.2	HMAC, TYPE 'B' (10" COMP. DEPTH) (COSA SPEC)	SY	24	866	SANITARY SEWER MAIN TELEVISION INSPECTION (PRE-CONSTRUCTION) (18"-24" DIA.)	LF	6
205.4	HMAC, TYPE 'D' (2" COMP. DEPTH) (COSA SPEC)	SY	112	901.1	INSTALL CIPP SANITARY SEWER (8") (HOT WATER), (ALL DEPTHS)	LF	2421
208.1	SALVAGING, HAULING, AND STOCKPILING RECLAIMABLE ASP. PAV'T. (2"DEPTH) (COSA SPEC)	SY	112	901.1	INSTALL CIPP SANITARY SEWER (18") (HOT WATER), (ALL DEPTHS)	LF	6
351	FLEXIBLE PAVEMENT STRUCTURE REPAIR (TXDOT SPEC)	SY	234	910.1	MANHOLE REHABILITATION	VF	59
413.1	FLOWABLE FILL (LOW STRENGTH) (TXDOT SPEC)	CY	10	1020	6" WATER MAIN BREAK/LEAK REPAIRS	EA	2
500.1	CONCRETE CURB (COSA SPEC)	LF	30	1020	8" WATER MAIN BREAK/LEAK REPAIRS	EA	1
502	BARRICADES, SIGNS, AND TRAFFIC HANDLING (TXDOT SPEC) (SITE 10)	EA	1	1020	12" WATER MAIN BREAK/LEAK REPAIRS	EA	1
502.1	CONCRETE SIDEWALK (COSA SPEC)	SY	5	1103.1	POINT REPAIR, 8" DIA. (UP TO 20 LF) (0'-10' DEPTH) (SDR 26, ASTM 2241, 160 PSI)	EA	11
515.1	TOPSOIL (4" DEPTH) (COSA SPEC)	CY	39	1103.2	EXTRA LENGTH POINT REPAIR, 8" DIA. (0'-10' DEPTH) (SDR 26, ASTM 2241, 160 PSI)	LF	122
516.1	BERMUDA SODDING (COSA SPEC)	SY	177	1103.3	OBSTRUCTION REMOVAL (ALL DEPTHS) (W/ REMOTE DEVICE)	EA	1
516.2	ST. AUGUSTINE SODDING (COSA SPEC)	SY	256	1109.4	SERVICE RECONNECTION (ALL DEPTHS) (W/ REMOTE CONTROL CUT DEVICE)	EA	31
520	HYDROMULCHING	SY	1080	3000	HANDLING ASBESTOS CEMENT PIPE	LF	26
529	CONCRETE CURB (TXDOT SPEC)	LF	150	6001	PORTABLE CHANGEABLE MESSAGE SIGN (TXDOT SPEC) (SITE 10)	EA	2
530	PORTLAND CEMENT CONCRETE DRIVEWAY - COMMERCIAL (TXDOT SPEC)	SY	160	SP-01	REMOVAL & REPLACEMENT OF FENCES (ALL TYPES, SIZES)	LS	1
530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING (LINE 'A') (COSA SPEC)	LS	1	SP-02	LANDSCAPING REPAIR	ALW	1
530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING (LINE 'D') (COSA SPEC)	LS	1	104 6021	REMOVING CONC (CURB) (TXDOT)	LF	40
530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING (LINE 'E' - SHERATON) (COSA SPEC)	LS	1	104 6036	REMOVING CONC (SIDEWALK OR RAMP) (TXDOT)	SY	36
530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING (LINE 'F' - MORNINGSIDE) (COSA SPEC)	LS	1	305 6003	SALVAGE, HAUL & STOCKPILE RECLAIMABLE ASPHALT PAVEMENT (2 TO 4")(TXDOT)	SY	220
530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING (COSA SPEC) - SITE 5	EA	1	310 6027	PRIME COAT (TXDOT)	GAL	44
531	CONCRETE SIDEWALKS (TXDOT SPEC)	SY	104	401 6001	FLOWABLE FILL (TXDOT)	CY	27
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	407	502 6025	BARRICADES, SIGNS, TRAFFIC HANDLING (TXDOT) - SITE NO. 33	EA	1
801	TREE AND LANDSCAPE PROTECTION (LEVEL IIA)	LF	1008	529 6001	CONC CURB (TY II) (TXDOT)	LF	40
822	CUSTOMER'S WATER YARD PIPING	LF	40	529 6015	CONCRETE CURB (TY C1) (TXDOT)	LF	27
824	RELAY 3/4" SHORT SERVICE	EA	4	531 6001	CONCRETE SIDEWALKS (4") (TXDOT)	SY	36
828	CUSTOMER SHUT-OFF VALVE (3/4")	EA	4	531 6008	CURB RAMPS (TY 5) (TXDOT)	EA	1
833	EXISTING METER AND NEW METER BOX RELOCATION	EA	4	666 6147	REFL PAV MARK TY I (Y) 24" (SLD) (100MIL) (TXDOT)	LF	280
833	NEW METER BOX	EA	4	3076 6001	D-GR HMA TY-B PG64-22 (TXDOT)	TON	15
848	8" PVC SANITARY SEWER PIPE (SDR 26) (ALL DEPTHS)	LF	237	3076 6043	D-GR HMA TY-D PG70-22 (LEVEL-UP) (TXDOT)	TON	38
851	ADJUST EXISTING MANHOLES	EA	4	3076 6066	TACK COAT (TXDOT)	GAL	44
852.1	SANITARY SEWER MANHOLE (4' DIA.)	EA	2	6001 6002	PORTABLE CHANGEABLE MESSAGE SIGN (TXDOT) - SITE NO. 33	EA	2
852.2	SANITARY SEWER SHALLOW (SAWS DD-852-04) MANHOLE (4' DIA.)	EA	1				



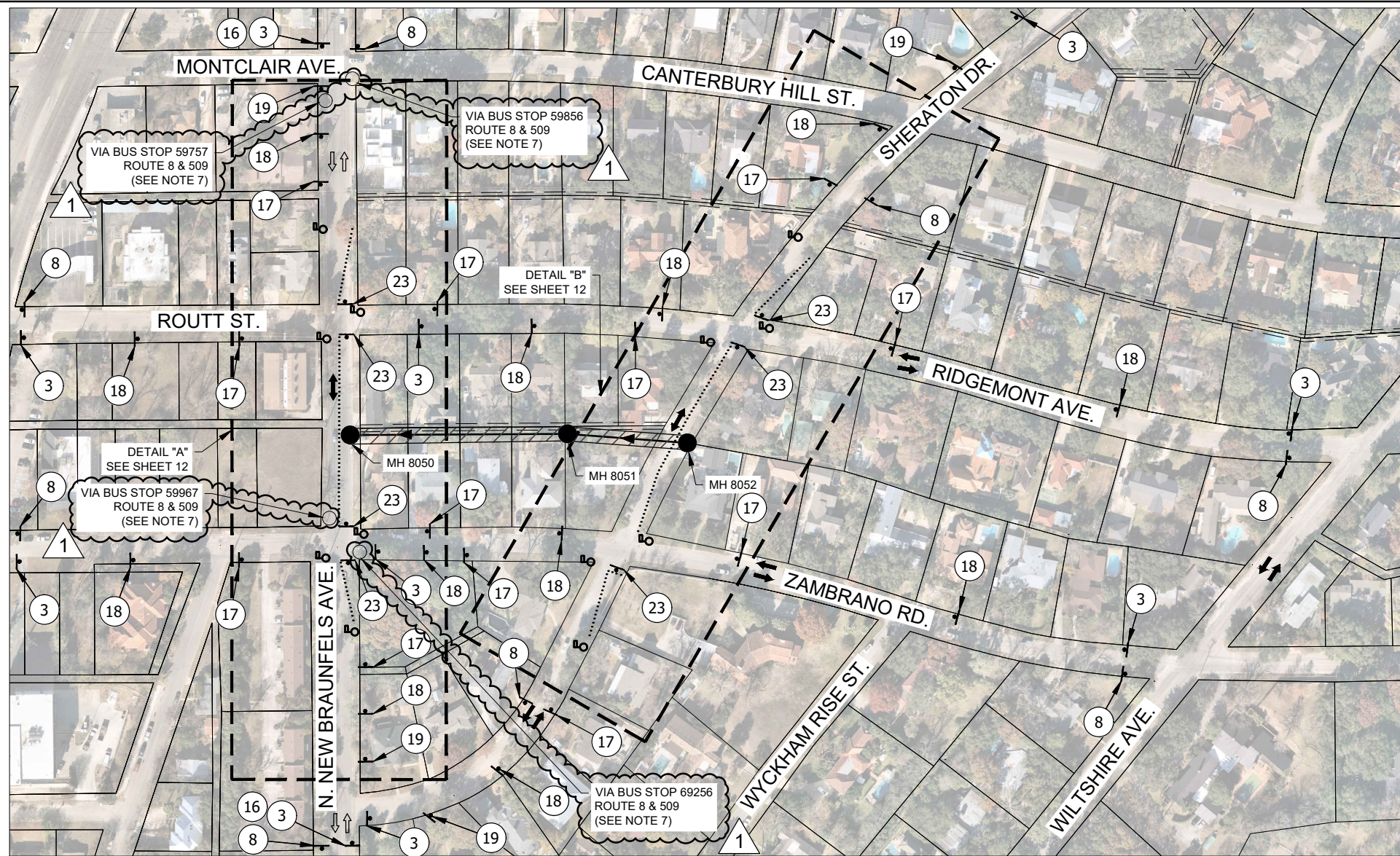
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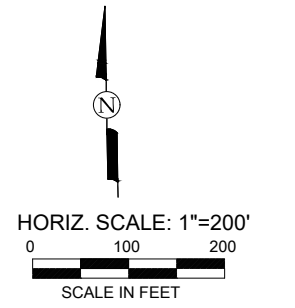
1	ADDENDUM 1	JT	RA	4/16/24
No.	Revision	Drawn	Approved	Date
REVISIONS				
	2023 SEWER MAIN REPLACEMENT PROJECT 3			
	SUMMARY OF QUANTITIES			
DEVELOPER: SAN-ANTONIO-WATER-SYSTEM		CONT. BUDGET PROJ.		
SUBMITTED _____				
APPROVED _____				
MAP No. 172-598				SHEET
SECT. No.				5
DR. RA	CK. JG	JOB No.23-4519		OF 46





**TCP LEGEND**

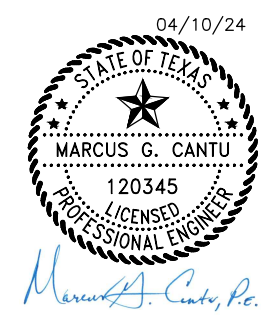
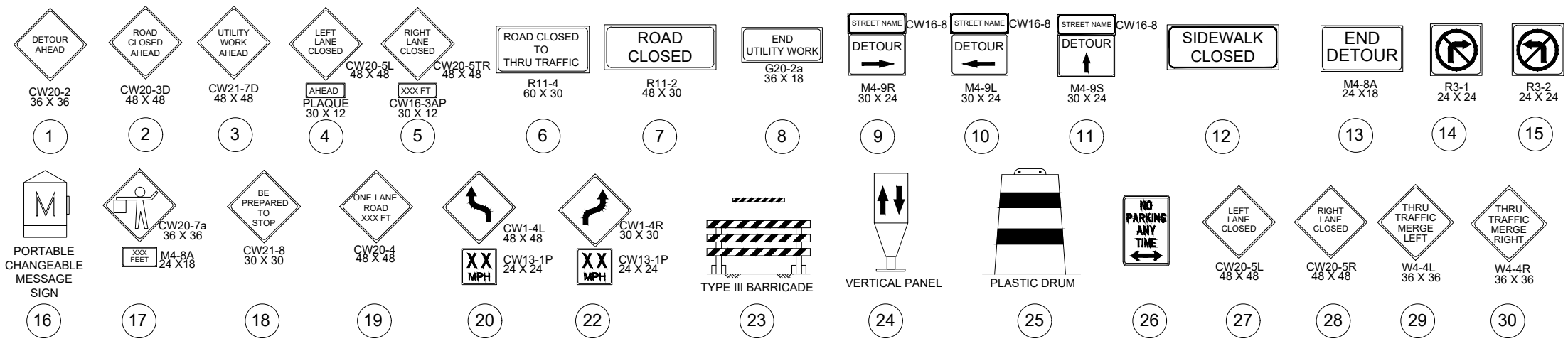
- FLAGGER
- CHANNELIZING DEVICE
- CONSTRUCTION AREA
- RIGHT-OF-WAY
- PROPOSED TRAFFIC DIRECTION
- EXISTING TRAFFIC DIRECTION
- TRAFFIC SIGN
- TYPE III BARRICADE



**TRAFFIC CONTROL PLAN NOTES:**

1. ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST VERSION OF THE CITY OF SAN ANTONIO STANDARD DETAILS TRAFFIC CONTROL STANDARDS AND THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD), PART VI. FIELD MODIFICATIONS MAY BE MADE TO ADDRESS LOCAL CONDITIONS WITH THE APPROVAL OF THE ENGINEER.
2. WHEN TRAFFIC CONTROL PLAN IS NOT IN EFFECT, REMOVE ALL DEVICES FROM THE TRAVELED LANES AND COVER OR REMOVE ALL WARNING SIGNS.
3. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ACCESS TO ALL DRIVEWAYS DURING CONSTRUCTION PROVIDING A RIDING SURFACE FOR VEHICLES AND RESIDENTS TO ACCESS EACH PROPERTY. NO SEPARATE PAYMENT SHALL BE MADE FOR MAINTAINING ACCESS TO DRIVEWAYS. ALL DRIVEWAY ACCESS COSTS SHALL BE INCLUDED IN THE VARIOUS ITEMS IN THE PROJECT.
4. CONTRACTOR IS RESPONSIBLE FOR INSTALLATION, MAINTENANCE, AND REMOVAL OF TRAFFIC CONTROL DEVICES. TRAFFIC CONTROL DEVICES SHOULD BE INSPECTED DAILY AND REPAIRED OR REPLACED AS NECESSARY. AFTER REMOVAL, CONTRACTOR IS RESPONSIBLE FOR RESTORATION OF MODIFICATIONS TO ROADWAY AND SIDEWALK SURFACES, ROADWAY MARKINGS, AND SIGNAGE DUE TO TRAFFIC CONTROL DEVICES OR CONSTRUCTION ACTIVITY.
5. POLICE OFFICER IS NOT ANTICIPATED PER TRAFFIC CONTROL PLAN. CONTRACTOR SHALL COORDINATE WITH COSA AND TXDOT IF REQUIRED AND/OR DEVIATING FROM PLANS.
6. 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 AND A THREE (3) DAY NOTIFICATION BE MADE BY DOOR HANGER TO IMPACTED RESIDENTS OR BUSINESSES.
7. CONTRACTOR SHALL REFERENCE SHEET 3 VIA BUS NOTES FOR ADDITIONAL INFORMATION.

**LINE A - TRAFFIC CONTROL PLAN**  
**COMPKEYS (969666 & 968957)**  
 1 SCALE: 1" = 200'



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1	ADDENDUM 1	AS	MC	4/10/24
No.	Revision	Drawn	Approved	Date

**REVISIONS**

2023 SEWER MAIN REPLACEMENT PROJECT 3  
 SITE A - COMPEKEY 969666 & 968957,  
 TRAFFIC CONTROL PLAN 1 OF 2,  
 SANITARY SEWER REHABILITATION

DEVELOPER: SAN-ANTONIO-WATER-SYSTEM  
 CONT. BUDGET PROJ.

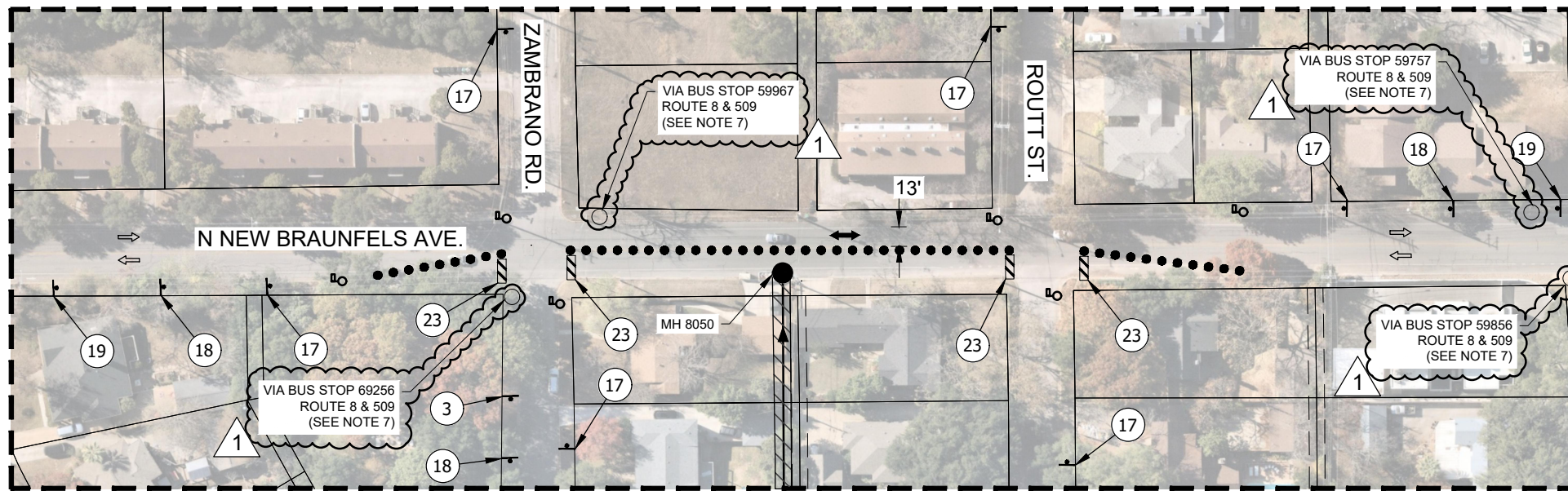
SUBMITTED \_\_\_\_\_  
 APPROVED \_\_\_\_\_

MAP No. 000-000 SHEET  
 SECT. No. 11  
 DR.KC,AS CK. MC JOB No. 23-4519 OF 46

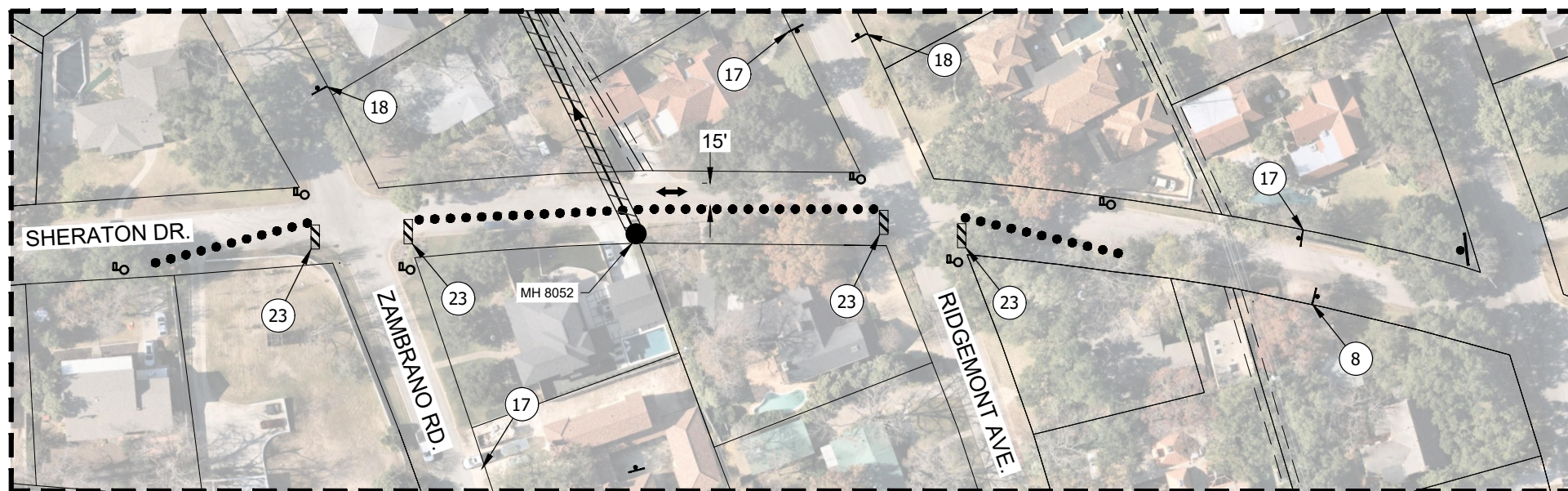
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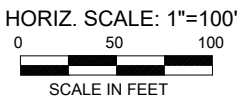
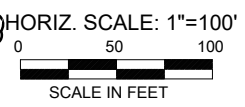
DETAIL "A"



DETAIL "B"

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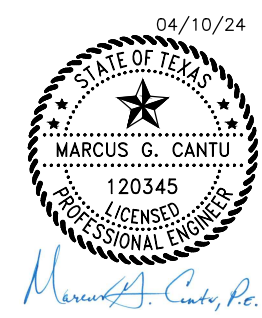
- FLAGGER
- CHANNELIZING DEVICE
- CONSTRUCTION AREA
- RIGHT-OF-WAY
- PROPOSED TRAFFIC DIRECTION
- EXISTING TRAFFIC DIRECTION
- TRAFFIC SIGN
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TRAFFIC CONTROL PLAN NOTES:

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 CW20-2 36 X 36	 CW20-3D 48 X 48	 CW21-7D 48 X 48	 CW20-5L 48 X 48 AHEAD PLAQUE 30 X 12	 CW20-5R 48 X 48 XXX FT CW16-3AP 30 X 12	 R11-4 60 X 30	 R11-2 48 X 30	 G20-2a 36 X 18	 CW16-8 M4-9R 30 X 24	 CW16-8 M4-9L 30 X 24	 CW16-8 M4-9S 30 X 24	 M4-8A 24 X 18	 M4-8A 24 X 18	 R3-1 24 X 24	 R3-2 24 X 24
	 CW20-7a 36 X 36 M4-8A 24 X 18	 CW21-8 30 X 30	 CW20-4 48 X 48	 CW1-4L 48 X 48 XX MPH CW13-1P 24 X 24	 CW1-4R 30 X 30 XX MPH CW13-1P 24 X 24					 CW20-5L 48 X 48	 CW20-5R 48 X 48	 W4-4L 36 X 36	 W4-4R 36 X 36	



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No.	Revision	Drawn	Approved	Date
1	ADDENDUM 1	AS	MC	4/10/24

REVISIONS

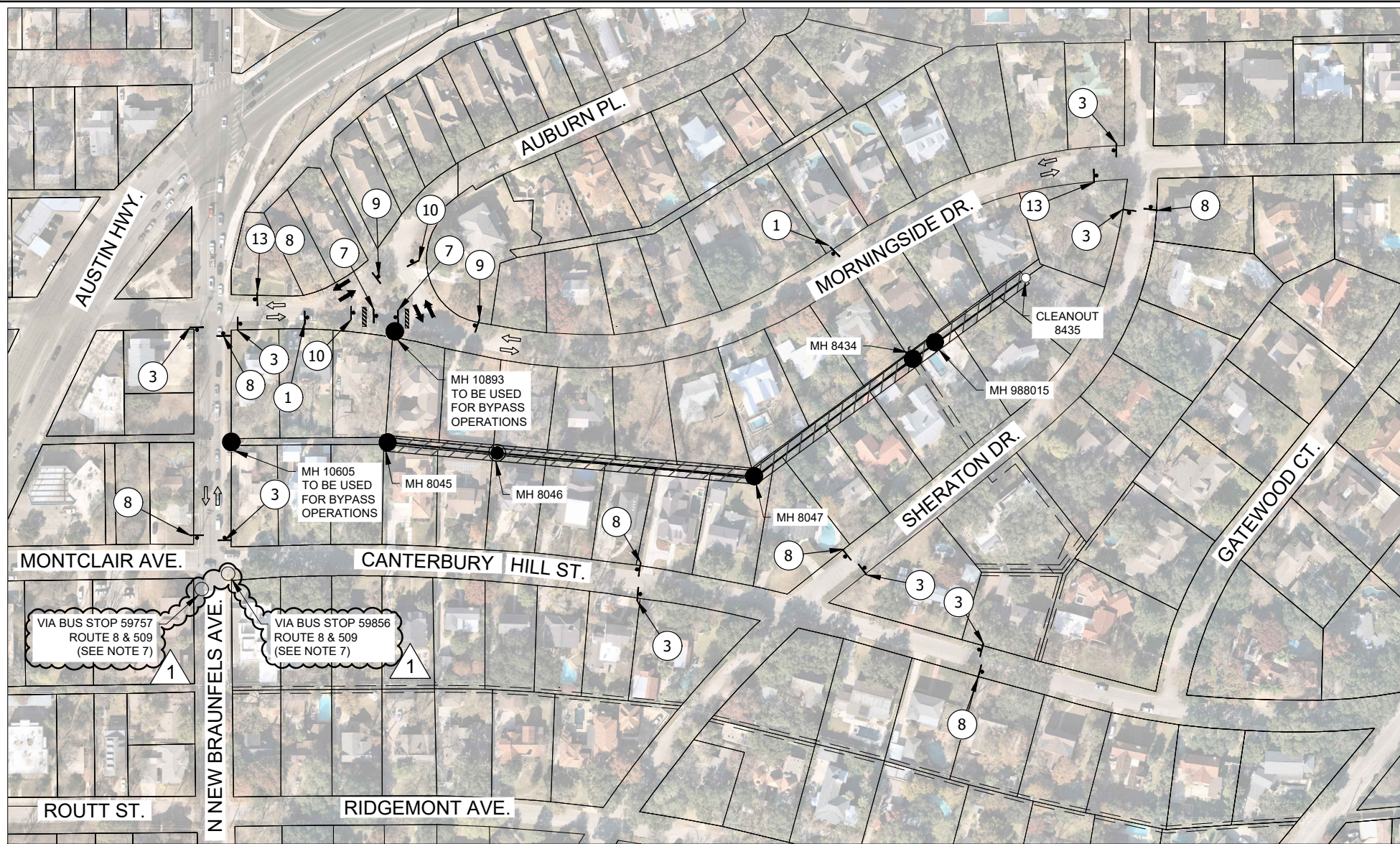
2023 SEWER MAIN REPLACEMENT PROJECT 3  
 SITE A - COMPEKEY 969666 & 968957,  
 TRAFFIC CONTROL PLAN 2 OF 2,  
 SANITARY SEWER REHABILITATION

DEVELOPER: SAN-ANTONIO-WATER-SYSTEM  
 CONT. BUDGET PROJ.

SUBMITTED \_\_\_\_\_  
 APPROVED \_\_\_\_\_

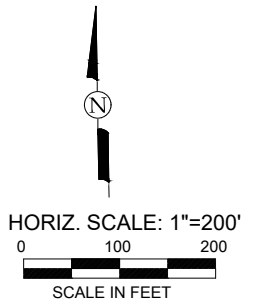
MAP No. 000-000 SHEET 12  
 SECT. No. \_\_\_\_\_ OF 46  
 DR.KC,AS | CK. MC | JOB No. 23-4519





**TCP LEGEND**

- FLAGGER
- CHANNELIZING DEVICE
- CONSTRUCTION AREA
- RIGHT-OF-WAY
- PROPOSED TRAFFIC DIRECTION
- EXISTING TRAFFIC DIRECTION
- TRAFFIC SIGN
- TYPE III BARRICADE



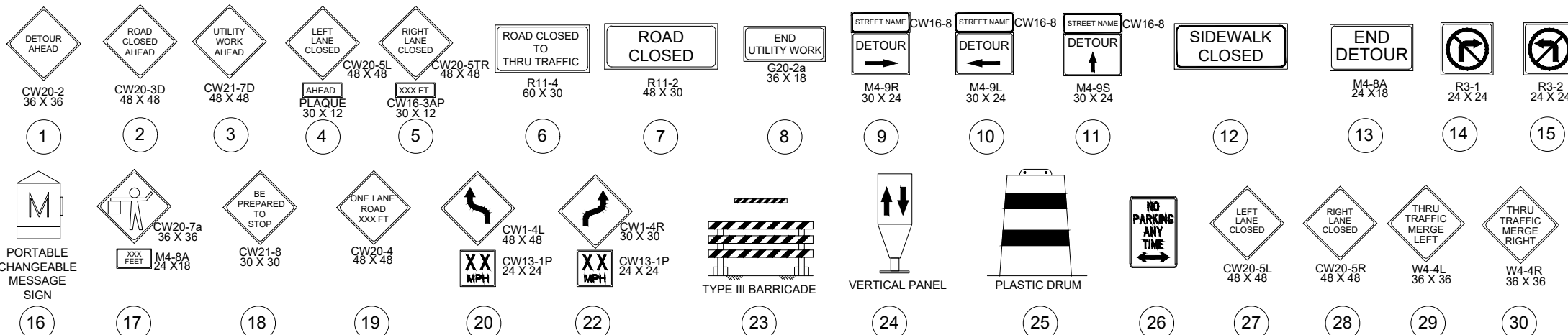
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**LINE D - TRAFFIC CONTROL PLAN**

**COMPKEYS (980185, 970137, 970260, 3524688 & 969745)**  
 SCALE: 1" = 200'



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No.	Revision	Drawn	Approved	Date
1	ADDENDUM 1	AS	MC	4/10/24

**REVISIONS**

**2023 SEWER MAIN REPLACEMENT PROJECT 3**

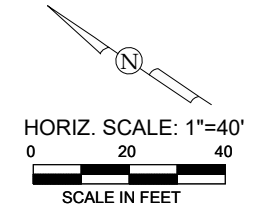
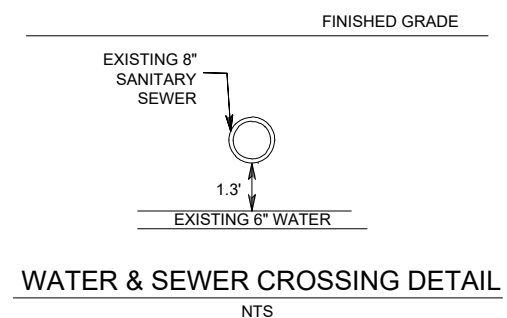
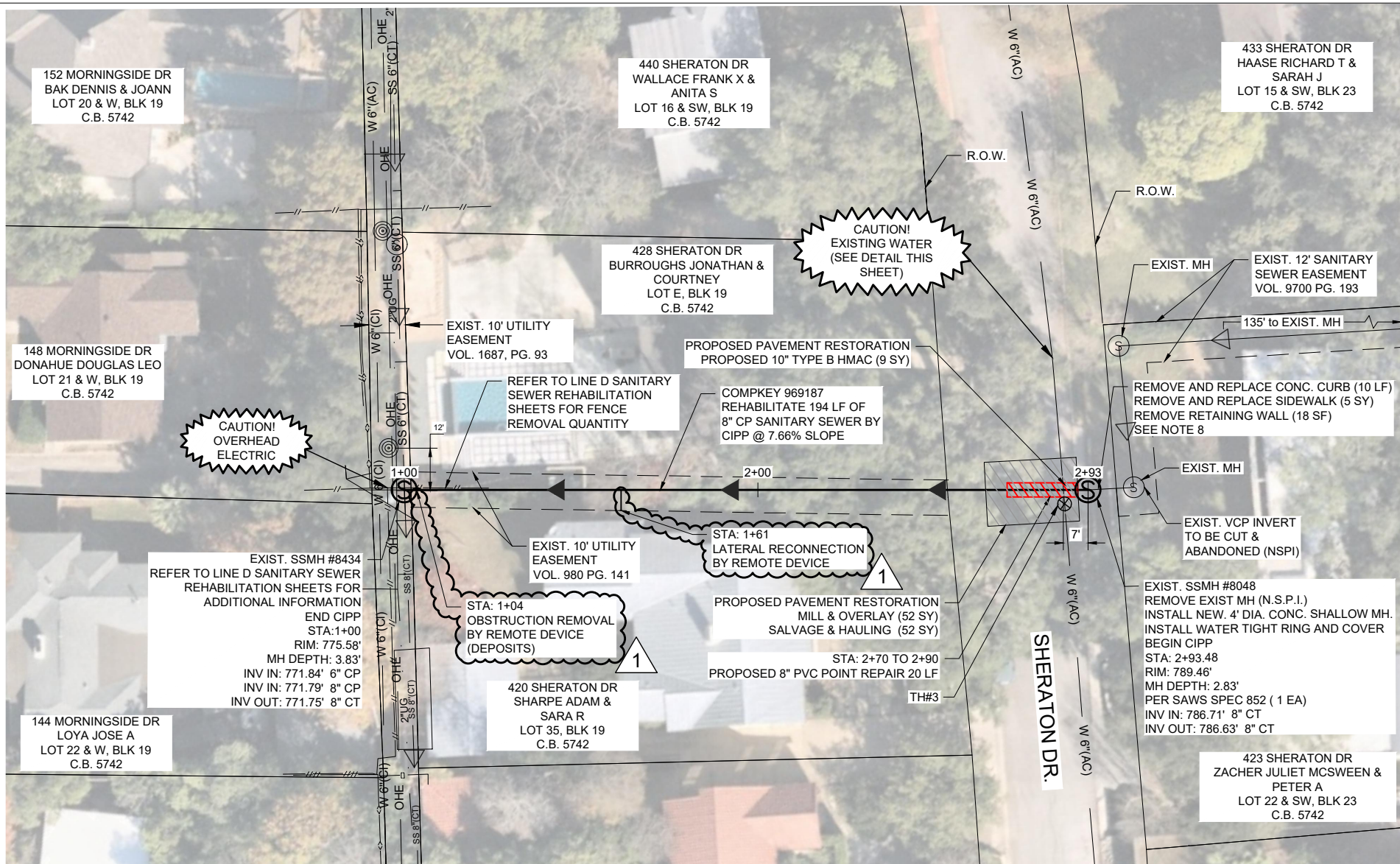
SITE D - COMPKEYS 980185, 971037, 970260, 3524688 & 969745, TRAFFIC CONTROL PLAN, SANITARY SEWER REHABILITATION

DEVELOPER: SAN-ANTONIO-WATER-SYSTEM  
 CONT. BUDGET PROJ.

SUBMITTED \_\_\_\_\_  
 APPROVED \_\_\_\_\_

MAP No. 000-000 SHEET 17  
 SECT. No. \_\_\_\_\_ OF 46  
 DR.KC,AS | CK. MC | JOB No. 23-4519





**LEGEND**

ELECTRIC (OVERHEAD)	—OHE—
FENCE (CHAINLINK)	—○—○—
FENCE (WOOD)	—//—//—
FIBER OPTIC	—FO—
FLOW ARROW (EX.)	▷
FLOW ARROW (PR.)	▶
GAS MAIN (BURIED)	—UG—
GAS VALVE	(GV)
PARCEL LOT LINE	—
PARCEL R.O.W. LINE	—
POINT REPAIR	▨
PAVEMENT REPLACEMENT	▨
POWER POLE	⊙
POWER POLE GUY WIRE	—
SANITARY SEWER MAIN (EX)	—SS—
EX. SANITARY SEWER MANHOLE	(S)
PR. SANITARY SEWER MANHOLE	(S)
STREET SIGN	⊙
TELEPHONE (BURIED)	—UGT—
TELEPHONE (OVERHEAD)	—OHT—
TELEPHONE MANHOLE	(TM)
TELEPHONE PEDESTAL/BOX	(TP)
WATER MAIN	—WL—
WATER METER	(WM)
WATER VALVE/COVER	(WV)

**TEST HOLE DATA**

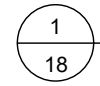
NUMBER	DESCRIPTION	ELEVATION
3	6" A/C WATER PIPE	784.82

**NOTES**

- CONTRACTOR MUST FIELD VERIFY ALL DEPTHS, DISTANCES, PIPE SIZES, GRADES AND SERVICE LATERALS BEFORE START OF CONSTRUCTION. (N.S.P.I.)
- CONTRACTOR SHALL SUPPORT AND PROTECT EXISTING UTILITIES DURING RECONSTRUCTION OF SANITARY SEWER LINES (POINT REPAIR) AND MANHOLES.
- CONTRACTOR SHALL REFER TO CPS NOTES ON SHEET 3 FOR POWER POLE BRACING AND OTHER DETAILED INFORMATION.
- CONTRACTOR SHALL REPLACE FENCE IF DAMAGED AS A RESULT OF CONSTRUCTION OPERATIONS. (N.S.P.I.)
- CONTRACTOR SHALL REFER TO SAWS SPECIFICATION ITEM NO. 3000 HANDLING ASBESTOS CEMENT PIPE BACKFLOW PROTECTION FOR WATER HAULING EQUIPMENT AND/OR MIXING TANKS FOR PROTECTIVE MEASURE REQUIREMENTS WHEN EXPOSING THE EXISTING 6-INCH (AC) WATER MAIN. THE INTENT IS NOT TO REMOVE ANY PIPE; HOWEVER, QUANTITY IS REFLECTIVE OF REMOVAL IF NECESSARY.
- SANITARY SEWER MAINS & MANHOLES TO BE REMOVED WILL BECOME THE CONTRACTOR'S PROPERTY AND SHALL BE DISPOSED OF IN COMPLIANCE WITH LOCAL AND STATE REGULATIONS (N.S.P.I.).
- ALL MAINS ARE TO BE SDR 26 PVC (ASTM 2241-09) WITH A MINIMUM PRESSURE RATING OF 160 PSI.
- CONTRACTOR TO REFER TO SP-02 IN THE CONTRACT DOCUMENTS FOR LANDSCAPING RESTORATION.
- CONTRACTOR SHALL MAINTAIN ALL CONSTRUCTION ACTIVITIES WITHIN EXISTING EASEMENT AND R.O.W.

**TRENCH EXCAVATION SAFETY PROTECTION:**  
 CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURE/DESIGN/GEOTECHNICAL/SAFETY/ EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITE(S) WITHIN THE PROJECT WORK AREA IN ORDER TO IMPLEMENT CONTRACTOR'S TRENCH EXCAVATION SAFETY PROTECTION SYSTEMS, PROGRAMS AND/OR PROCEDURES. THE CONTRACTOR'S IMPLEMENTATION OF THE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLIES WITH, AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.

**LINE E - PROP. 8" Ø SANITARY SEWER  
 REHABILITATION COMPKEY 969187 - 194 L.F.**



SCALE: 1" = 40'

ITEM #	DESCRIPTION	UNITS	EST. QTY.
103.1	REMOVE CONCRETE CURB	LF	10
103.3	REMOVE CONCRETE SIDEWALK AND DRIVEWAYS	SF	45
202	PRIME COAT	GAL	11
203	TACK COAT	GAL	5
205.2	HMAC, TYPE 'B' (10" COMP. DEPTH)	SY	9
205.4	HMAC, TYPE 'D' (2" COMP. DEPTH) (LOCAL/RESID. STREETS)	SY	52
208.1	SALVAGING, HAULING, AND STOCKPILING RECLAIMABLE ASP. PAVT.	SY	52
500.1	CONCRETE CURB	LF	10
502.1	CONCRETE SIDEWALK	SY	5
530.1	BARRICADES, SIGNS, AND TRAFFIC HANDLING (LINE 'E' - SHERATON)	LS	1
550	TRENCH EXCAVATION SAFETY PROTECTION	LF	9
852.2	SANITARY SEWER SHALLOW (SAWS DD-852-04) MANHOLES (4' DIA)	EA	1
865	SMALL DIAMETER BYPASS PUMPING (LINE 'E' - 8")	EA	1
866	SEWER MAIN TELEVISION INSPECTION (PRE-CONSTRUCTION) (8"-15" DIA.)	LF	194
901	REHABILITATION OF SANITARY SEWER BY CIPP (HOT WATER) (8" - ALL DEPTHS)	LF	194
1020	6" WATER MAIN BREAK/LEAK REPAIR	EA	1
1103.1	POINT REPAIR, 8" DIA., (UP TO 20 LF) (0'-10' DEPTH)	EA	1
1103.3	OBSTRUCTION REMOVAL (ALL DEPTHS) (W/ REMOTE DEVICE)	EA	1
3000	HANDLING ASBESTOS CEMENT PIPE	LF	13
1109.2	SERVICE RECONNECTION (ALL DEPTHS) (W/ REMOTE CONTROL CUT DEVICE)	EA	1
SP-01	REMOVAL AND REPLACEMENT OF FENCES (ALL TYPES, SIZES)	LS	1
SP-02	LANDSCAPING REPAIR	ALW	1

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 Office: 210-802-0808  
 www.MendezEngineering.com

No.	Revision	Drawn	Approved	Date
1	ADDENDUM 1	AS	MC	4/10/24

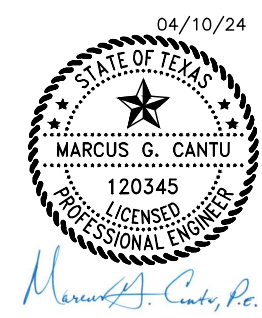
**REVISIONS**

2023 SEWER MAIN REPLACEMENT PROJECT 3  
 SITE E - COMPKEY 969187,  
 STA. 1+00 TO STA. 2+93.48,  
 SANITARY SEWER REHABILITATION

DEVELOPER: SAN-ANTONIO-WATER-SYSTEM  
 CONT. BUDGET PROJ.

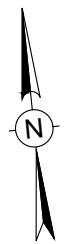
SUBMITTED \_\_\_\_\_  
 APPROVED \_\_\_\_\_

MAP No. 000-000 SHEET  
 SECT. No. 18  
 DR.KC,AS CK. MC JOB No. 23-4519 OF 46



File: G:\Projects\2020\2022-5 SAWS\SSORP PK10 - GIC07-VI Utilites\SITE E1 COMPKEY 969187.dwg, Last Save: 4/9/2024 2:02 PM, Last saved by: Asalcido  
 Last plotted by: Anthony Salcido Plot Scale: 1" = 40' Plot Date: 4/9/2024 2:05 PM Plotter Used: DWG To PDF.pc3





- TRAFFIC CONTROL PLAN GENERAL NOTES:**
- AERIAL IMAGERY SHOWN IS PROVIDED FOR REFERENCE ONLY AND MAY NOT BE CURRENT.
  - TRAFFIC CONTROL INFORMATION ON THIS SHEET INCLUDING THE SIGNAGE AND TRAFFIC CONTROL DEVICE SPACING ARE NOT SHOWN TO SCALE AND ARE PROVIDED FOR CONCEPTUAL PURPOSES ONLY. CONTRACTOR TO IMPLEMENT TCP PER COSA, TXDOT AND THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE INFORMATION AND PROVIDE A TCP SIGNED AND SEALED BY A TEXAS LICENSED PROFESSIONAL ENGINEER, AT NO ADDITIONAL COST TO SAWS, FOR SAWS AND COSA AND/OR TXDOT ROW DEPARTMENTS REVIEW AND APPROVAL, PRIOR TO COMMENCING CONSTRUCTION. SEE TRAFFIC CONTROL NOTES ON GENERAL NOTES SHEET 3.
  - ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST VERSION OF THE CITY OF SAN ANTONIO STANDARD DETAILS AND TRAFFIC CONTROL STANDARDS AND THE TMUTCD, PART VI. FIELD MODIFICATIONS MAY BE MADE TO ADDRESS LOCAL CONDITIONS WITH THE APPROVAL OF THE ENGINEER.
  - CONTRACTOR SHALL PROVIDE VEHICULAR INGRESS AND EGRESS ACCESS TO AT LEAST ONE DRIVEWAY PER PROPERTY AT ALL TIMES UNLESS OTHERWISE DIRECTED. NO SEPARATE PAYMENT SHALL BE MADE FOR MAINTAINING ACCESS TO DRIVEWAYS.
  - ACCESS TO PROPERTIES AND BUSINESSES ADJACENT TO THE RIGHT-OF-WAY MUST BE PROVIDED AND MAINTAINED AT ALL TIMES UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL CONTACT BUSINESSES OR PROPERTY OWNERS AT LEAST 5 DAYS PRIOR TO ANY DRIVEWAY CLOSURE. IF THE PROPERTY HAS MORE THAN ONE DRIVEWAY, THEY SHALL BE CLOSED ONLY ONE AT A TIME. IF THE PROPERTY ONLY HAS ONE ACCESS, THE DRIVEWAY SHALL BE BUILT IN HALF SECTIONS.

CW21-7D 48 X 48	CW20-2 36 X 36	M4-9L 30 X 24	M4-9R 30 X 24	M4-9S 30 X 24	M4-8A 24 X 18	CW20-5TR 48 X 48
1	2	3	4	5	6	7

CW20-5TL 48 X 48	R11-7 60 X 30	R11-2 48 X 30	R9-9 24 X 12	G20-2 (MOD) 48 X 24	R3-17 R3-17cP
8	9	10	11	12	13

R3-5L 30 X 36	14

SCALE: 1"=40' (FULL SCALE)  
1"=80' (HALF SCALE)

- VIA NOTES:**
- THE CONTRACTOR SHALL NOT REMOVE OR ADJUST ANY VIA ASSETS.
  - IF FOR ANY UNFORESEEN REASON THE REMOVAL OF ANY VIA ASSETS IS NEEDED, THE CONTRACTOR MUST NOTIFY VIA DISPATCH AT (210) 362-5020 AND/OR JOE WILGEN AT (210) 441-1518 AS SOON AS POSSIBLE.
  - THE CONTRACTOR MUST NOTIFY VIA DISPATCH AT (210) 362-5020 AND/OR JOE WILGEN AT (210) 441-1518 A MINIMUM OF ONE (1) WEEK BEFORE ANY WORK THAT REQUIRES A DETOUR IN ONE OR BOTH DIRECTIONS ALONG A VIA BUS ROUTE.
  - THE CONTRACTOR MUST NOTIFY VIA DISPATCH AT (210) 362-5020 AND/OR JOE WILGEN AT (210) 441-1518 A MINIMUM OF ONE (1) DAY BEFORE ANY WORK THAT REQUIRES THE TEMPORARY CLOSURE OF A BUS STOP.
  - THE CONTRACTOR MUST NOTIFY VIA DISPATCH AT (210) 362-5020 AND/OR JOE WILGEN AT (210) 441-1518 WHEN ANY TEMPORARILY CLOSED BUS STOP CAN BE REOPENED.
  - THE CONTRACTOR WILL BE LIABLE FOR ANY DAMAGES TO VIA ASSETS NOT REMOVED BY VIA.
  - THE CONTRACTOR IS REQUIRED TO REPLACE ALL FLATWORK REMOVED OR DAMAGED IN THE COURSE OF EXECUTING THE CONTRACT UNLESS OTHERWISE NOTED BY VIA.
  - THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING VIA FACILITIES ADJACENT TO WORK AREA.
  - CONTRACTOR TO COORDINATE WITH VIA PRIOR TO TCP SUBMITTAL AND BEFORE EACH TCP PHASE SETUP. SEE VIA NOTES, SHEET 3.

**SITE No. 5 - BUENA VISTA ST**  
COMPKEY 991054

**LEGEND**

- DETOUR ROUTE
- TRAFFIC DIRECTION
- CONSTRUCTION AREA
- CONCEPTUAL BYPASS ROUTE
- TYPE II BARRICADE (8')
- CHANNELIZING DEVICE
- WATER-FILLED BARRIERS
- SIGN
- DIRECT BURY WITH ASPHALT REPAIR
- FLOW THROUGH RAMP
- POTENTIAL ACCESS ROUTE
- POTENTIAL STAGING AREA

**100% SUBMITTAL**

**MAESTAS**  
8122 DATAPoint DR., STE. 840 SAN ANTONIO, TX 78229  
(210) 366-1988 TBPE No. F-333 TBPLS No. 10194506

**LAN Lockwood, Andrews & Newman, Inc.**  
A LEO A DALY COMPANY  
TBPE REGISTRATION NO.: F-2614

1	VIA NOTES	LW	ET	4/5/24
NO.	REVISION	DRAWN	APPROVED	DATE

**REVISIONS**

2023 SEWER MAIN REPLACEMENT  
PROJECT 3  
SITE NO. 5  
CONCEPTUAL TRAFFIC CONTROL PLAN  
BUENA VISTA ST

DEVELOPER: \_\_\_\_\_  
CONT. \_\_\_\_\_ BUDGET PROJ. \_\_\_\_\_

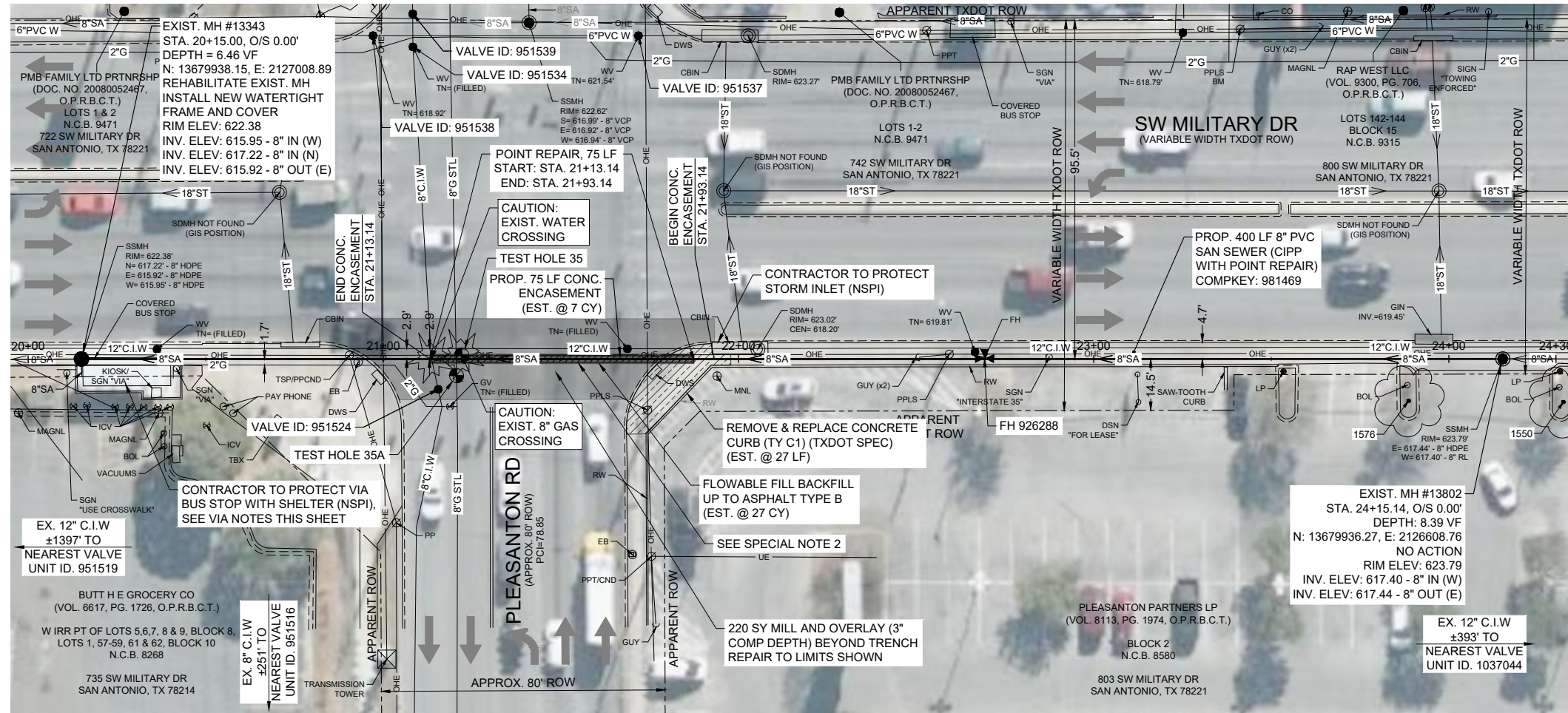
SUBMITTED \_\_\_\_\_  
APPROVED \_\_\_\_\_

MAP NO. 154578 SHEET 30 OF 46  
SECT. NO. \_\_\_\_\_ SAWS JOB NO. 23-4519  
DR. LW CK. ET

FILE: M260-BV-SEM-TCP.dwg PLOTTED: 4/15/2024 10:50 AM BY: LUKE WILSON



**TRENCH EXCAVATION SAFETY PROTECTION:** CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN/GEOTECHNICAL/SAFETY EQUIPMENT CONSULTANT, IF ANY, SHALL REVIEW THESE PLANS AND ANY AVAILABLE GEOTECHNICAL INFORMATION AND THE ANTICIPATED INSTALLATION SITES(S) IN ORDER TO DEVELOP THE CONTRACTOR'S PLANS TO IMPLEMENT THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S PLANS SHALL PROVIDE FOR ADEQUATE TRENCH SAFETY SYSTEMS THAT COMPLY WITH, AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR SAFETY CONSULTANT SHALL DEVELOP AND IMPLEMENT A TRENCH SAFETY PROGRAM IN ACCORDANCE WITH OSHA STANDARDS GOVERNING THE PRESENCE AND ACTIVITIES OF INDIVIDUALS WORKING IN AND AROUND TRENCH EXCAVATION.  
**CPS ENERGY NOTE:** CALL THE TEXAS STATE WIDE ONE CALL LOCATOR NUMBER 1-800-344-8377, 48 HOURS BEFORE BEGINNING ANY EXCAVATION.



**SITE No. 33 - SW MILITARY DR  
 COMPKEY 981469**

FOR CONCEPTUAL BYPASS PLAN, SEE SHEET 32  
 FOR CONCEPTUAL TRAFFIC CONTROL PLAN, SEE SHEET 33

ESTIMATED QUANTITIES			
ITEM	DESCRIPTION	UNIT	QTY
858	CONCRETE ENCASEMENT, CRADLES, SADDLES AND COLLARS	CY	7
865	BYPASS PUMPING (SMALL DIAMETER SANITARY SEWERS) - SITE NO. 33	EA	1
866	SANITARY SEWER MAIN PRE-TELEVISION INSPECTION (8"-15" DIA)	LF	400
901	INSTALL CIPP 8" SANITARY SEWER PIPE (HOT WATER) (ALL DEPTHS)	LF	400
910.1	MANHOLE REHABILITATION (STANDARD MANHOLES 4FT DIAMETER)	VF	7
1020	8" WATER MAIN BREAK/LEAK REPAIR	EA	1
1020	12" WATER MAIN BREAK/LEAK REPAIR	EA	1
1103.1	POINT REPAIR, 8" DIA. (20 LF) (0'-10' DEPTH) (SDR 26, ASTM 2241, 160 PSI)	EA	1
1103.2	EXTRA LENGTH POINT REPAIR, 8" DIA. (0'-10' DEPTH) (SDR 26, ASTM 2241, 160 PSI)	LF	55
104 6021	REMOVE CONCRETE (CURB) (TXDOT)	LF	40
104 6036	REMOVE CONCRETE (SIDEWALK OR RAMP) (TXDOT)	SY	36
305 6003	SALVAGE, HAUL & STOCKPILE RECLAIMABLE ASPHALT PAVEMENT (2 TO 4") (TXDOT)	SY	220
310 6027	PRIME COAT (TXDOT)	GAL	44
401 6001	FLOWABLE FILL (TXDOT)	CY	27
502 6001	BARRICADES, SIGNS, TRAFFIC HANDLING (TXDOT) - SITE NO. 33	EA	1
529 6002	CONC CURB (TY II) (TXDOT)	LF	40
529 6036	CONCRETE CURB (TY C1) (TXDOT)	LF	27
531 6001	CONCRETE SIDEWALK (4") (TXDOT)	SY	36
531 6008	CURB RAMPS (TY 5) (TXDOT)	EA	1
666 6147	REFL PAV MRK TY 1 (Y)24"(SLD)(100MIL) (TXDOT)	LF	280
SS3076 6001	D-GR HMA TY-B PG64-22 (TXDOT)	TON	15
SS3076 6040	D-GR HMA TY-D PG70-22 (TXDOT)	TON	38
SS3076 6066	TACK COAT (TXDOT)	GAL	44
SS6001 6002	PORTABLE CHANGEABLE MESSAGE SIGN (TXDOT)	EA	2

<p><b>TEST HOLE 35</b>          8" HDPE SANITARY SEWER          N: 13679938.60          E: 2126901.86          GROUND ELEV = 622.36          DEPTH = 4.69          OWNER: SAWS</p>	<p><b>TEST HOLE 35A</b>          8" STL GAS          N: 13679942.65          E: 2126903.27          GROUND ELEV = 622.40          DEPTH = 8.11          OWNER: CPS ENERGY</p>
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**NOTES:**

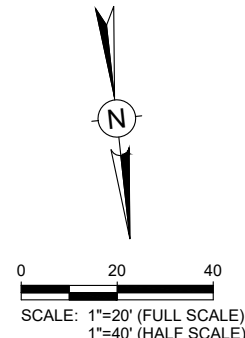
- DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED.
- PROPERTY LINES SHOWN ARE APPROXIMATE AND RIGHT-OF-WAY BOUNDARY LINE SHOWN IS APPARENT.
- THE EXISTENCE AND LOCATION OF UTILITIES SHOWN ON THE PLAN ARE APPROXIMATE BASED ON THE SAWS BLOCK MAPS AND THE AVAILABLE PLAN-OF-RECORD DRAWINGS, AND ARE NOT GUARANTEED TO BE ACCURATE.
- CONTRACTOR SHALL FIELD VERIFY ALL EXISTING AND PROPOSED DIMENSIONS PRIOR TO CONSTRUCTION (NSPI).
- CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING LATERALS AND CLEANOUTS PRIOR TO CONSTRUCTION (NSPI).
- CONTRACTOR SHALL EXPOSE AND VERIFY LOCATIONS, DEPTHS, DISTANCES, PIPE SIZES AND GRADES OF EXISTING UTILITIES PRIOR TO CONSTRUCTION (NSPI).
- CONTRACTOR SHALL USE EXTREME CAUTION AND CARE WHEN UNCOVERING UTILITIES DESIGNATED BY CAUTION LOCATE CROSSING STAR ON PLANS. HAND DIGGING (NSPI) MAY BE NECESSARY.
- CONTRACTOR TO LOCATE, VERIFY AND RECONNECT SEWER LATERALS BY REMOTE DEVICE (TYP.) FOR CIPP SEGMENTS AT THE SEWER MAIN PER SAWS ITEM 1109.
- CONTRACTOR SHALL PROTECT AND SUPPORT ALL EXISTING UTILITIES AS REQUIRED DURING POINT REPAIRS TO SANITARY SEWER MAINS (NSPI).
- PROJECT SITE IS WITHIN VIA METROPOLITAN BUS ROUTE 102 ON SW MILITARY DR. CONTRACTOR TO COORDINATE WITH VIA TRANSIT PRIOR TO CONSTRUCTION FOR VIA BUS ROUTE COORDINATION AND TRAFFIC CONTROL. SEE VIA NOTES, THIS SHEET.
- CONTRACTOR SHALL FOLLOW TXDOT PERMIT AND INSPECTOR REQUIREMENTS WITHIN TXDOT ROW. SEE SPECIAL CONDITIONS. CONTRACTOR TO REFERENCE TXDOT SAN ANTONIO DISTRICT STANDARD TRENCH BACKFILL WITH PAVED SURFACE DETAIL PER LATEST REVISION FOR OPEN EXCAVATION WITHIN TXDOT ROW (NSPI).
- SURVEY PREPARED BY MAESTAS & ASSOCIATES, LLC DATED SEPTEMBER, 2022.

**SPECIAL NOTES:**

- WORK WITHIN TXDOT ROW MAY REQUIRE WEEKEND OR NIGHT WORK TO COMPLETE WORK. CONTRACTOR TO COORDINATE WITH TXDOT INSPECTOR FOR TIME AND NOTIFY BUSINESSES IN ADVANCE FOR TRAFFIC CONTROL OPERATIONS.
- POTENTIAL TRAFFIC CONTROL CONDUITS UNDER STREET AT PED CROSSING. CONTRACTOR TO TAKE CAUTION AND PROTECT WHILE EXCAVATING. NO EXTRA PAYMENT TO REPLACE IF DAMAGED.

**VIA BUS NOTES:**

- THE CONTRACTOR SHALL NOT REMOVE OR ADJUST ANY VIA ASSETS.
- IF FOR ANY UNFORSEEN REASON THE REMOVAL OF ANY VIA ASSETS IS NEEDED, THE CONTRACTOR MUST NOTIFY VIA DISPATCH AT (210) 362-5020 AND/OR JOE WILGEN AT (210) 441-1518 AS SOON AS POSSIBLE.
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- THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING VIA FACILITIES ADJACENT TO THE WORK AREA.



100% SUBMITTAL



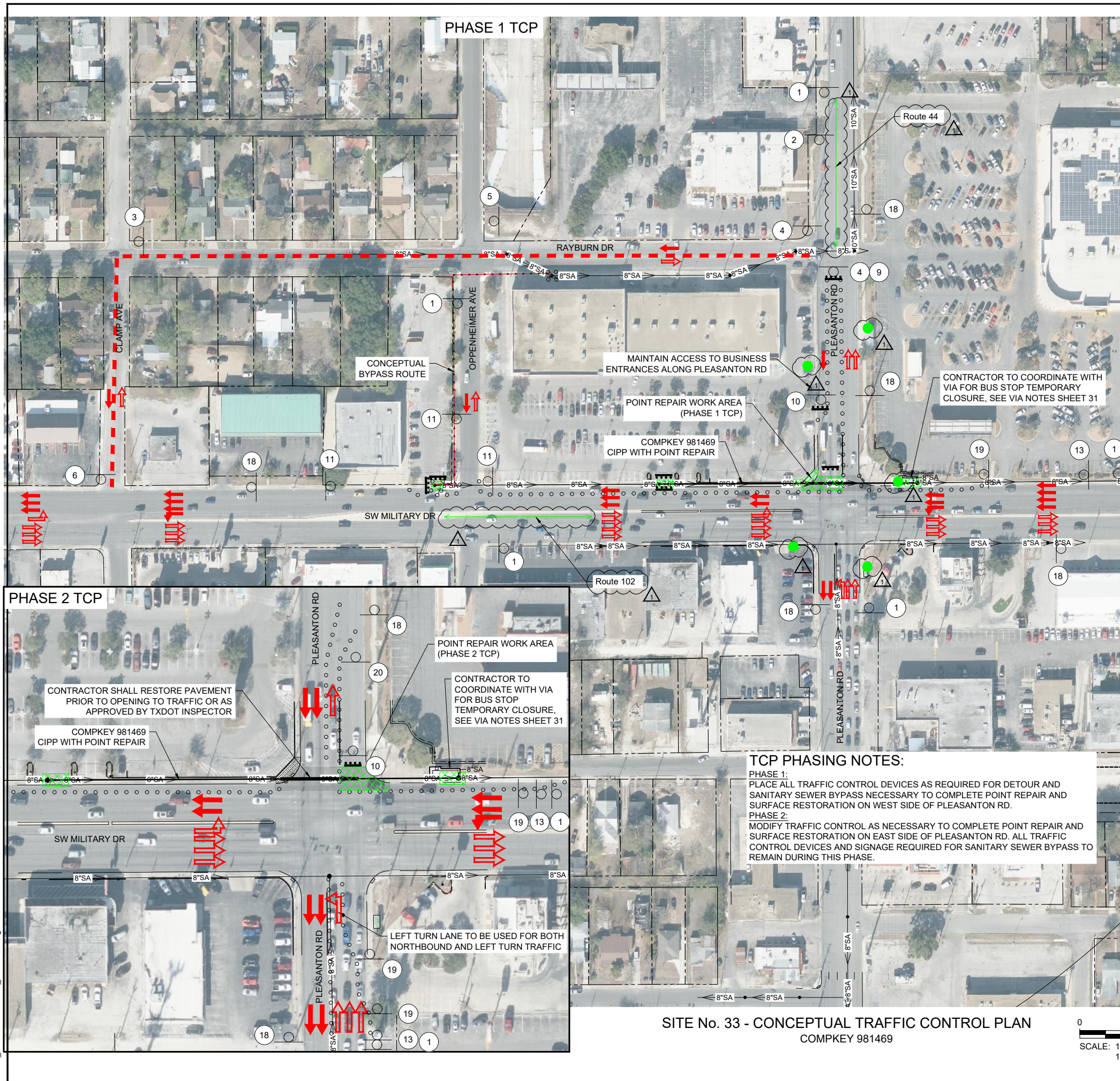
**LEGEND**

PROP. SAN SEWER	—●—
PROP. LATERAL WITH TWO WAY CLEAN OUT	—○—
EXIST. WATER MAIN	—●—
EXIST. GAS MAIN	—2"G—
EXIST. SAN. SEWER	—8"SA—
EXIST. STORM SEWER	—12"ST—
OVER HEAD UTILITY	—○—
EXIST. RIGHT OF WAY	---
PROPERTY LINES	---
EXIST. EOP WITH CURB	---
EXIST. EOP WITHOUT CURB	---
EXIST. TREES	—●—
CONC. ENCASEMENT	▨
DRIVEWAY & SIDEWALK REPAIR	▨
FLOWABLE FILL	▨
MILL AND OVERLAY	▨

<p><b>Lockwood, Andrews &amp; Newman, Inc.</b>          A LEO A DALY COMPANY          TBPE REGISTRATION NO.: F-2614</p>				
1	ADDENDUM NO. 1	MT	EMA	04/16/24
NO.	REVISION	DRAWN	APPROVED	DATE
<p>REVISIONS</p>				
<p>2023 SEWER MAIN REPLACEMENT PROJECT 3</p>				
<p>SITE NO. 33 - COMPKEY 981469          SW MILITARY DR CIPP PLAN</p>				
DEVELOPER:				
CONT.		BUDGET PROJ.		
SUBMITTED				
APPROVED				
MAP NO. 156554, 158554		SHEET		
SECT. NO.	SAWS JOB NO.	31		
DR. TRM	CK. EMA	23-4519 OF 46		

FILE: 01\_CXXX-CXMM CIPP\_PLAN 1-4.dwg PLOTTED: 4/9/2024 3:20 PM BY: GONZALEZ, MANUEL





- TRAFFIC CONTROL PLAN GENERAL NOTES:**
1. AERIAL IMAGERY SHOWN IS PROVIDED FOR REFERENCE ONLY TO THE CONTRACTOR OF THE HIGHLIGHTED CONCEPTUAL TRAFFIC CONTROL ELEMENTS AND MAY NOT BE CURRENT.
  2. TRAFFIC CONTROL INFORMATION ON THIS SHEET INCLUDING THE SIGNAGE AND TRAFFIC CONTROL DEVICE SPACING ARE NOT SHOWN TO SCALE AND ARE PROVIDED FOR CONCEPTUAL PURPOSES ONLY. CONTRACTOR TO IMPLEMENT TCP PER COSA, TXDOT, AND THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD) REQUIREMENTS. IT IS RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY THE INFORMATION AND PROVIDE A TCP SIGNED AND SEALED BY A TEXAS LICENSED PROFESSIONAL ENGINEER, AT NO ADDITIONAL COST TO SAWS, FOR SAWS AND COSA AND/OR TXDOT ROW DEPARTMENTS REVIEW AND APPROVAL, PRIOR TO COMMENCING CONSTRUCTION. SEE TRAFFIC CONTROL NOTES ON GENERAL NOTES SHEET 25.
  3. ALL TRAFFIC CONTROL SHALL CONFORM TO THE LATEST VERSION OF THE CITY OF SAN ANTONIO AND TXDOT STANDARD DETAILS AND TRAFFIC CONTROL STANDARDS AND THE TEXAS MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (TMUTCD), PART VI. FIELD MODIFICATIONS MAY BE MADE TO ADDRESS LOCAL CONDITIONS WITH THE APPROVAL OF THE ENGINEER.
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**TRAFFIC CONTROL DEVICES AND SIGNAGE:**

CW21-7D 48 X 48	CW20-2 36 X 36	M4-9L 30 X 24	M4-9R 30 X 24	M4-9S 30 X 24	M4-8A 24 X 18	CW20-7A 36 X 36
1	2	3	4	5	6	8
R11-7 60 X 30	R11-2 48 X 30	R9-9 24 X 12	W20-5L 36 X 36	W20-5R 36 X 36	R8-3 24 X 30	W1-4L 36 X 36
9	10	11	12	13	14	15
W1-4R 36 X 36	W3-1 48 X 48	G20-2 48 X 24	36 X 36	36 X 36	36 X 36	R3-17 R3-17cP
16	17	18	19	20	21	22

**TCP PHASING NOTES:**

PHASE 1:  
PLACE ALL TRAFFIC CONTROL DEVICES AS REQUIRED FOR DETOUR AND SANITARY SEWER BYPASS NECESSARY TO COMPLETE POINT REPAIR AND SURFACE RESTORATION ON WEST SIDE OF PLEASANTON RD.

PHASE 2:  
MODIFY TRAFFIC CONTROL AS NECESSARY TO COMPLETE POINT REPAIR AND SURFACE RESTORATION ON EAST SIDE OF PLEASANTON RD. ALL TRAFFIC CONTROL DEVICES AND SIGNAGE REQUIRED FOR SANITARY SEWER BYPASS TO REMAIN DURING THIS PHASE.

**LEGEND**

- DETOUR ROUTE: - - - - -
- CONCEPTUAL BYPASS ROUTE: - - - - -
- TRAFFIC DIRECTION:
- BUS ROUTE:
- CONSTRUCTION AREA:
- TYPE II BARRICADE (8'):
- CHANNELIZING DEVICE:
- WATER-FILLED BARRIERS:
- SIGN:
- BUS STOP:
- DIRECT BURY WITH ASPHALT REPAIR:
- FLOW THROUGH RAMP:
- POTENTIAL ACCESS ROUTE:
- POTENTIAL STAGING AREA:

**100% SUBMITTAL**

**Lockwood, Andrews & Newman, Inc.**  
A LEAD A DAILY COMPANY  
TBPE REGISTRATION NO.: F-2614

ADDENDUM NO. 1	MT	EMA	04/16/24
NO.	REVISION	DRAWN	APPROVED

**REVISIONS**

2023 SEWER MAIN REPLACEMENT PROJECT 3  
SITE NO. 33 - CONCEPTUAL TRAFFIC CONTROL PLAN - SW MILITARY DR

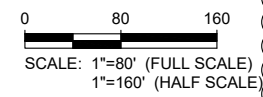
DEVELOPER: \_\_\_\_\_  
CONT. \_\_\_\_\_ BUDGET PROJ. \_\_\_\_\_

SUBMITTED: \_\_\_\_\_  
APPROVED: \_\_\_\_\_

MAP NO. 156554, 158554  
SECT. NO. \_\_\_\_\_ SAWS JOB NO. 23-4519  
DR. TRM CK. EMA

SHEET 33 OF 46

**SITE No. 33 - CONCEPTUAL TRAFFIC CONTROL PLAN**  
COMPKEY 981469



FILE:03\_CXXX-CMOM CIPP\_TCP 8-11.dwg PLOTTED: 4/16/2024 3:21 PM BY: GONZALEZ, MANUEL