



**2022 SMP Package IV (Nevada St) Project
Solicitation Number: CO-00471
Job No.: 21-5012 & 21-5514**

**ADDENDUM 1
September 28, 2021**

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: Will SAWS change the bid time to 1:30 PM the same day? This would allow enough time after the bid opening of Package III for the Contractor to make any needed adjustments to their bid.

Response: The bid time for 2022 SMP Package IV (Nevada St) has been revised to October 5, 2021 at 1:30 PM CDT as per the attached revised Invitation For Bidders and Electronic Bid Opening Instructions.

CHANGES TO SPECIFICATIONS

- 1. Correct Project Name is 2022 SMP Package IV (Nevada St) as located on the SAWS website here: https://apps.saws.org/Business_Center/Contractsol/Drill.cfm?id=4017&View=Yes**
- 2. Remove and replace the Invitation to Bidders with the attached revised Invitation to Bidders with updated bid opening time. Revised bid opening time from 11:30 AM (CT) on October 5th, 2021 to 1:30 PM (CT) on October 5th 2021.**
- 3. Remove and replace the Electronic Bid Opening Instructions with the attached revised Electronic Bid Opening Instructions with updated bid opening time. Revised bid opening time from 11:30 AM (CT) on October 5th, 2021 to 1:30 PM (CT) on October 5th 2021.**
- 4. Page IB-4, Instructions to Bidders, 9., b. is amended to read as follows:**

Contractor agrees that, unless it is a sole proprietorship or a company with fewer than 10 full-time employees and the value of this Contract is less than \$100,000, it:

- a. does not boycott Israel and will not do so during the term of this Contract;
- b. does not boycott energy companies and will not do so during the term of this Contract;
- c. does not have a practice, policy, guidance, or directive that discriminates against a firearm entity or firearm trade association and will not discriminate during the term of the Contract against a firearm entity or firearm trade association;

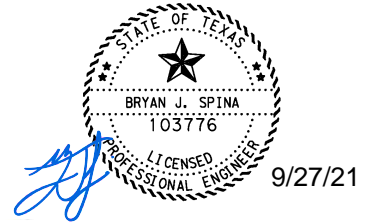
This provision is in compliance with Chapters §2271 and 2274 of the Texas Government Code. SAWS agrees to comply with the United States and Texas Constitutions in consideration of whether to enforce this provision.

5. *Remove and replace the Bid Proposal with the attached Bid Proposal with updated section for the Statement on President's Executive Orders.*
6. *Remove Supplemental Condition to Article VIII – Contract Completion Time (Page SS-4 of the Supplemental Conditions) and replace with the attached Supplemental Condition to Article VIII – Contract Completion Time (Page SS-4 of the Supplemental Conditions) in its entirety.*
7. *Remove and replace Page W11 to the water plans with the page dated 9/21/2021 as Key Note 1 has been updated.*
8. *Remove and replace Page W13 to the water plans with the page dated 9/21/2021 as Key Note 1 has been updated.*

END OF ADDENDUM 1

This Addendum, including these two (2) pages, is thirteen (13) pages in its entirety, with five (5) attachments.

Attachments: Invitation to Bidders (1 page)
Electronic Bid Opening Instructions (1 page)
Bid Proposal (6 pages)
Supplemental Conditions Sheet SS-4 (1 page)
Pages W11 and W13 of the Water Plans (2 pages)



Bryan J. Spina, P.E., CFM
LNV, LLC
TBPLES Firm No. F-366

INVITATION TO BIDDERS
Solicitation No. CO-00471

Sealed bids are requested by the San Antonio Water System for the construction of approximately 1,535 LF of 12-inch water main, 294 LF of 8-inch water main, 139 LF of 6-inch water main and 9 LF of 16-inch water main via open-cut construction and approximately 2,141 LF of 8-inch sanitary sewer mains via open-cut construction for the 2022 SMP Package IV (Nevada St.) Project, SAWS Job Nos. 21-5012 & 21-5514.

To view additional project information, as well as obtain the plans and specifications for this project, visit our website located at www.saws.org and click on the Business Center. Then select Bidder, Consultant, and Vendor Registration, which is located on the left-hand side of the screen. Select the Register Now button and proceed with registration.

For difficulties downloading plans and specifications, contact the Contracting Department at 210-233-3341.

A non-mandatory pre-bid WebEx meeting will be held at 10:00 AM (CT) on September 17, 2021.

<https://saws.webex.com>

Meeting number (access code): 1467 89 2159

Meeting password: XMqkhp5QP73

Audio Connection: (210) 233-2090

For questions regarding this solicitation, technical questions or additional information, please contact Florinda Gonzales, Contract Administrator, in writing via email to: florinda.gonzales@saws.org or by fax to (210) 233-4290 until **2:00 PM (CT) on September 22, 2021**. Answers to the questions will be posted to the web site by **4:00 PM (CT) on September 28, 2021** as a separate document or included as part of an addendum. Please be advised that Bidders are prohibited from communicating with any other SAWS staff, the Consultant, the Developer, or City of San Antonio officials regarding this IFB up until the contract is awarded as outlined in the Instructions to Bidders.

Due to the COVID-19 emergency and to protect the health of the public, SAWS is implementing new procedures for the submission of bids. Bids will be received either Electronically or through Sealed bids, until 1:30 PM (CDT), October 5, 2021. Electronic bids will be received via the secure SAWS FTP site. Sealed bids will be received by Contract Administration, 2800 U.S. Hwy 281 North, Tower II, Customer Center Building, via a drop box located on the left wall when walking through the first set of double glass doors of the main Tower II entry on the north side of the building, San Antonio, Texas 78212. See the Electronic Bid Opening Instructions attachment for additional information regarding an electronic bid submittal. Electronic bids shall be accompanied by a bid bond in an amount not less than five percent of the total bid price. (Or, if providing SAWS with a cashier's check or certified check in an amount not less than five percent of the total bid price, SAWS will request this within 24 hours from the apparent low bidder. Sealed bids must be accompanied by a cashier's check, certified check, or bid bond in an amount not less than five percent of the total bid price. Bids will then be publicly opened and read aloud by Contract Administration via WebEx.

If Bidders intend to submit bids electronically, Bidders will need to submit a request by **October 4, 2021 by 1:30 PM CDT** to receive access to the File Transfer Protocol (FTP) site via email to florinda.gonzales@saws.org. Bidder's email requesting access to the FTP site shall provide the legal name of Bidder's company and the intended recipient's email address and phone number. No requests for FTP site access will be accepted after **October 4, 2021 by 1:30 PM (CDT)**.

Bid opening WebEx meeting will be held at 1:30 PM (CT) on October 5, 2021.

<https://saws.webex.com>

Meeting number (access code): 1464 04 6423

Meeting password: 7h2tCfzJRv2

Audio Connection: (210) 233-2090



**2022 SMP Package IV (Nevada St.)
SAWS Job No. 21-5012 & 21-5514
Solicitation Number: CO-00471**

ELECTRONIC BID OPENING INSTRUCTIONS

October 5, 2021 at 1:30 P.M. (CDT)

FTP BID PROPOSAL UPLOAD

In order to receive electronic bids for this project, SAWS will utilize a SAWS secured File Transfer Protocol (FTP) site. Only Bidders bidding as Prime Contractors will need to submit their request prior to **October 4, 2021 by 1:30 pm** to receive access to the FTP site via email to **Florinda.gonzales@saws.org**. Bidder's email shall provide the legal name of the Bidder's company and the intended recipient's email address and phone number. No requests for FTP site access will be accepted after **October 4, 2021 by 1:30 pm (CDT)**. Once a Bidder is approved for access, an email with a hyperlink to the FTP site and a unique password for the Bidder will be provided to the Bidder's email recipient.

Once access is received, Bidders may upload the required documents per the Bid Proposal checklist any time before **October 5, 2021 by 1:30 pm (CDT)**. Please ensure to allow sufficient time should Bidder's experience technical difficulties in uploading the required documents. No changes to the Bid nor bid price can be made once the Bid has been submitted.

Bidders shall comply with the following:

- 1) Limit files to one (1) pdf file that includes all requested documents, per the Bid Packet Checklist. **ONLY ONE SUBMITTAL WILL BE ACCEPTED PER REQUEST.** Do not upload any zip files.
- 2) Ensure that the itemized List of Bid Items is (are) the first page(s) of your file.
- 3) Bidders may protect the document from editing by adding a password. However, the document must be accessible for viewing by SAWS without requiring a password.
- 4) File shall be named: **CO-00471 - 2022 SMP Package IV (Nevada St.) Project**
- 5) **DO NOT SHARE ACCESS AND/OR PASSWORD WITH OTHER PARTIES OUTSIDE YOUR COMPANY.**
- 6) **ENSURE THE BID IS SENT NO LATER THAN THE DUE DATE AND TIME. BIDS SUBMITTED AFTER THE BID OPENING DEADLINE WILL NOT BE ACCEPTED.**

If the Bidder is in need of help, they may contact the SAWS Contract Administrator, **Florinda Gonzales**, at 210-233-3914 or view troubleshooting tips at <http://www.Serv-U.com/sharefiles>

WEBEX BID OPENING MEETING

The WebEx meeting details are below if you would like to view the public opening of the bids.

When it's time, start or join the WebEx meeting from [here](#).

Access Information

Meeting number (access code): 1464 04 6423

Meeting password: 7h2tCfzJRv2

Audio Connection: 210-233-2090 (SAWS WebEx)

If you have any questions or concerns, please feel free to contact me.

Thank you,

Florinda Gonzales

Contract Administrator

2800 U.S. Highway 281 North, Ste. 171 | San Antonio, TX 78212

Office | 210-233-3914

Email | florinda.gonzales@saws.org

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 **210** 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

- (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

2022 SMP Package VI (Nevada St.) Water Plans
SAWS Job No. 21-5012

Item No.	Spec No.	Description	Unit	Quantity	Unit Price	Total Price
SAWS SPECIFICATIONS						
1	299	FLOWABLE FILL (HIGH STRENGTH)	CY	120	\$	\$
2	550	TRENCH EXCAVATION SAFETY PROTECTION	LF	1,977	\$	\$
3	818	6" PVC WATER MAIN	LF	139	\$	\$
4	818	8" PVC WATER MAIN	LF	294	\$	\$
5	818	12" PVC WATER MAIN	LF	1,535	\$	\$
6	818	16" PVC WATER MAIN	LF	9	\$	\$
7	822	YARD PIPING	LF	120	\$	\$
8	824	RELAY 3/4" SHORT SERVICE	EA	20	\$	\$
9	824	RELAY 3/4" LONG SERVICE	EA	15	\$	\$
10	824	CUSTOMER SHUT-OFF VALVE	EA	35	\$	\$
11	828	8" GATE VALVE	EA	7	\$	\$
12	828	12" GATE VALVE	EA	5	\$	\$
13	833	EXIST METER AND EXIST METER BOX RELOCATION	EA	35	\$	\$
14	833	NEW METER BOX	EA	35	\$	\$
15	836	PIPE FITTINGS, ALL SIZES & TYPES	TON	5.00	\$	\$
16	840	6" WATER TIE-IN	EA	6	\$	\$
17	840	8" WATER TIE-IN	EA	2	\$	\$
18	840	12" WATER TIE-IN	EA	1	\$	\$
19	840	16" WATER TIE-IN	EA	1	\$	\$
20	841	HYDROSTATIC TESTING	EA	5	\$	\$

21	844	2" TEMPORARY BLOWOFF	EA	10	\$	\$
22	1015	SERVICE LINE BREAK/LEAK REPAIRS (3/4" & 1") COPPER SERVICE	EA	5	\$	\$
23	1020	WATER MAIN BREAK/LEAK REPAIRS (6"-12")	EA	5	\$	\$
24	3000	REMOVAL, TRANSP AND DISPOSAL OF AC PIPE	LF	273	\$	\$
CITY OF SAN ANTONIO SPECIFICATIONS						
25	COSA 103	REMOVE CONCRETE CURB	LF	226	\$	\$
26	COSA 103	REMOVE CONCRETE SIDEWALKS AND DRIVEWAYS	SF	534	\$	\$
27	COSA 203	TACK COAT	GAL	145	\$	\$
28	COSA 205	HOT MIX ASPHALTIC PAVEMENT, TYPE D (2" COMP. DEPTH)	SY	1,444	\$	\$
29	COSA 205	HOT MIX ASPHALTIC PAVEMENT, TYPE B (10" COMP. DEPTH)	SY	1,154	\$	\$
30	COSA 413	FLOWABLE FILL	CY	10	\$	\$
31	COSA 500	CONCRETE CURB, GUTTER, AND CURB AND GUTTER	LF	226	\$	\$
32	COSA 502	CONCRETE SIDEWALKS	SY	50	\$	\$
33	COSA 503	PORTLAND CEMENT CONCRETE DRIVEWAY	SY	36	\$	\$
34	COSA 506.1	CONCRETE RETAINING WALL – COMBINATION TYPE	CY	4	\$	\$
35	COSA 515	TOPSOIL	CY	4	\$	\$
36	COSA 516	BERMUDA/ST AGUSTINE SODDING	SY	28	\$	\$
37	COSA 530	BARRICADES, SIGNS, AND TRAFFIC HANDLING - NEVADA	EA	1	\$	\$
WATER SUBTOTAL					\$	

SAWS SPECIFICATIONS				
100	MOBILIZATION AND DEMOBILIZATION, MAX 10% OF WATER SUBTOTAL	L.S.	1	\$
101	PREPARING ROW, MAX 5% OF WATER SUBTOTAL	L.S.	1	\$

Mobilization and Prep of ROW shall be limited to the maximum percentage shown. **If the percentage 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.**

TOTAL WATER BID PRICE (TO INCLUDE LINE ITEMS 100-101)	\$
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2022 SMP Package VI (Nevada St.) Sewer Plans
SAWS Job No. 21-5514

Item No.	Spec No.	Description	Unit	Quantity	Unit Price	Total Price
SAWS SPECIFICATIONS						
1	550	TRENCH EXCAVATION SAFETY PROTECTION	LF	2,141	\$	\$
2	848	8" PVC GRAVITY SANITARY SEWER PIPE (SDR-26, 160 PSI) (ALL DEPTHS)	LF	2,141	\$	\$
4	852	SANITARY SEWER MANHOLE (0'-6')	EA	10	\$	\$
5	852	EXTRA DEPTH MANHOLE (>6')	VF	11.30	\$	\$
6	854	SANITARY SEWER LATERALS	LF	1,656	\$	\$
7	854	TWO-WAY SANITARY SEWER CLEAN-OUT	EA	75	\$	\$
8	858	CONCRETE ENCASEMENT, CRADLES, SADDLES AND COLLORS	CY	10.10	\$	\$
9	860	VERTICAL STACKS	VF	37.1	\$	\$
10	865	BYPASS PUMPING SMALL DIAMETER SANITARY SEWERS	LS	1	\$	\$
11	866	PRE-CONSTRUCTOIN SANITARY SEWER MAIN TELEVISION INSPECTION (8"- 15" MAIN)	LF	2,141	\$	\$
12	866	POST-CONSTRUCTOIN SANITARY SEWER MAIN TELEVISION INSPECTION (8"- 15" MAIN)	LF	2,141	\$	\$
CITY OF SAN ANTONIO SPECIFICATIONS						
13	COSA 103	REMOVE CONCRETE CURB	LF	330	\$	\$
14	COSA 103	REMOVE SIDEWALK AND DRIVEWAY	SF	3,390	\$	\$
15	COSA 203	TACK COAT	GAL	140	\$	\$
16	COSA 205	HOT MIX ASPHALTIC PAVEMENT, TYPE D (2" COMP. DEPTH)	SY	1,365	\$	\$

17	COSA 205.2	HOT MIX ASPHALTIC PAVEMENT, TYPE B (10" COMP. DEPTH)	SY	1,095	\$	\$
18	COSA 500	CONCRETE CURB, GUTTER, AND CONCRETE CURB AND GUTTER	LF	330	\$	\$
19	COSA 502	CONCRETE SIDEWALKS	SY	15	\$	\$
20	COSA 503	PORTLAND CEMENT CONCRETE DRIVEWAY	SY	365	\$	\$
21	COSA 530	BARRICADES, SIGNS, AND TRAFFIC HANDLING - NEVADA	EA	1	\$	\$
SEWER SUBTOTAL					\$	

SAWS SPECIFICATIONS

100	MOBILIZATION AND DEMOBILIZATION, MAX 10% OF SEWER SUBTOTAL	L.S.	1	\$
101	PREPARING ROW, MAX 5% OF SEWER SUBTOTAL	L.S.	1	\$

Mobilization and Prep of ROW shall be limited to the maximum percentage shown. **If the percentage 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.**

TOTAL SEWER BID PRICE (TO INCLUDE LINE ITEMS 100-101)	\$
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SAWS Job No. 21-5012 and Job No. 21-5514 Total Project Price

TOTAL COMBINED WATER AND SEWER BID PRICE	\$
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ARTICLE VIII. – CONTRACT COMPLETION TIME

Section 8.6 Liquidated Damages for Failure to Complete on Time: of the General Conditions shall be amended as follows:

Add the following to the end of the paragraph:

Liquidated Damages will be assessed at \$907 per day.

The remaining sections of Article VIII shall remain the same.

ITEM	DESCRIPTION	UNIT	QUANTITY
COSA 203	TACK COAT	GAL	8
COAS 205	HOT MIX ASPHALTIC PAVEMENT - TYPE B (10" COMP. DEPTH)	SY	63
COSA 205	HOT MIX ASPHALTIC PAVEMENT - TYPE D (2" COMP. DEPTH)	SY	79
299	FLOWABLE FILL (HIGH STRENGTH)	CY	4.1
550	TRENCH EXCAV. SAFETY PROTECTION	LF	142
818	6" PVC WATER MAIN	LF	52
818	8" PVC WATER MAIN	LF	70
818	12" PVC WATER MAIN	LF	20
828	8" GATE VALVE, COMPLETE w/ BOX	EA	2
836	PIPE FITTINGS, ALL SIZES AND TYPES	TON	2
840	6" WATER TIE-IN	EA	2
841	HYDROSTATIC TESTING	EA	1
844	2" BLOW-OFF, TEMPORARY	EA	2
3000	REMOVAL, TRANSPORT, DISPOSAL OF AC PIPE	LF	91

NOTES:
1. PROP. 12" WATER MAIN (SHADED) QUANTITIES SHOWN ON PLAN SHEET.

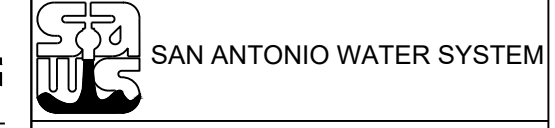


NO	DATE	DESCRIPTION	WF	JG
1	09/21/21	ADDENDUM #1		
		REVISIONS		

LEGEND	
PROP. WATER MAIN	
EXIST. WATER MAIN	
GAS MAIN	
SANITARY SEWER	
STORM SEWER	
UTILITY POLE LINE	
ELECTRIC CABLE	
TELEPHONE CABLE	
NEW UNMETERED SERVICE:	
3/4" SINGLE	
1" DUAL	
SERVICE RELAY:	
3/4" OR LARGER	
SERVICE RELOCATE:	
3/4" OR LARGER	
NEW METER BOX	
REDUCER	
GAS, WATER, ELEC. UGT. & STORM DRAIN CROSSING	
PROP CONCRETE ENCASEMENT	
ABANDON GATE VALVE (NSPI)	
TRENCH REPAIR	
MILL AND OVERLAY	
FLOWABLE FILL	

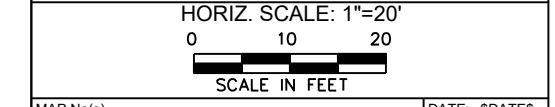
Garcia Infrastructure Consultants, LLC
Texas Firm No. F-17794
12042 Blanco Rd., Ste. 203
San Antonio, Texas 78216
Ph. (210) 437-0323

LNV an Andurum Company
IBPELS REGISTERED FIRM NO. ENGINEERING FIRM F-366 SURVEYING FIRM 10126502
8918 TESORO DR, SUITE 401 SAN ANTONIO, TX 78217 PH. (210) 822-2232
WWW.LNVINC.COM

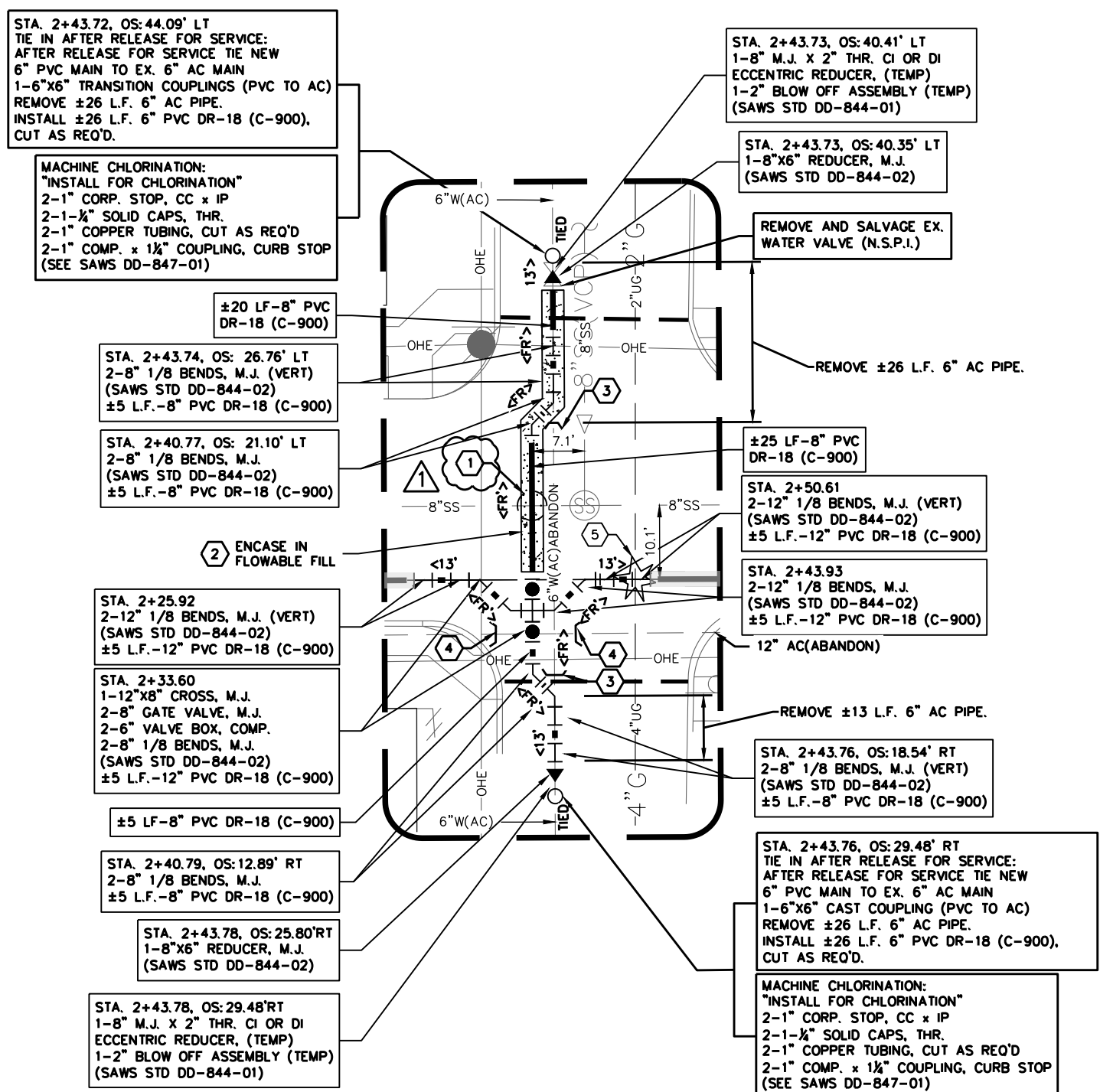


2022 SMP PACKAGE IV
(NEVADA ST, FRANCES JEAN DR, LYNHURST)
WATER PLANS

NEVADA ST. ENLARGED WATER PLAN A



MAP No(s)	DATE: \$DATE\$
SAWS JOB NO.: 21-5012	W11
DRWN BY: H3	DSGN BY: H3
CHKD BY: RA	



STA. 2+43.72, OS: 44.09' LT
TIE IN AFTER RELEASE FOR SERVICE:
AFTER RELEASE FOR SERVICE TIE NEW
6" PVC MAIN TO EX. 6" AC MAIN
1-6"x6" TRANSITION COUPLINGS (PVC TO AC)
REMOVE ±26 L.F. 6" AC PIPE.
INSTALL ±26 L.F. 6" PVC DR-18 (C-900),
CUT AS REQ'D.

MACHINE CHLORINATION:
"INSTALL FOR CHLORINATION"
2-1" CORP. STOP, CC x IP
2-1-1/4" SOLID CAPS, THR.
2-1" COPPER TUBING, CUT AS REQ'D
2-1" COMP. x 1/4" COUPLING, CURB STOP
(SEE SAWS DD-847-01)

±20 LF-8" PVC DR-18 (C-900)

STA. 2+43.74, OS: 26.76' LT
2-8" 1/8 BENDS, M.J. (VERT)
(SAWS STD DD-844-02)
±5 L.F.-8" PVC DR-18 (C-900)

STA. 2+40.77, OS: 21.10' LT
2-8" 1/8 BENDS, M.J.
(SAWS STD DD-844-02)
±5 L.F.-8" PVC DR-18 (C-900)

ENCASE IN FLOWABLE FILL

STA. 2+25.92
2-12" 1/8 BENDS, M.J. (VERT)
(SAWS STD DD-844-02)
±5 L.F.-12" PVC DR-18 (C-900)

STA. 2+33.60
1-12"x8" CROSS, M.J.
2-8" GATE VALVE, M.J.
2-6" VALVE BOX, COMP.
2-8" 1/8 BENDS, M.J.
(SAWS STD DD-844-02)
±5 L.F.-12" PVC DR-18 (C-900)

±5 LF-8" PVC DR-18 (C-900)

STA. 2+40.79, OS: 12.89' RT
2-8" 1/8 BENDS, M.J.
±5 L.F.-8" PVC DR-18 (C-900)

STA. 2+43.78, OS: 25.80' RT
1-8"x6" REDUCER, M.J.
(SAWS STD DD-844-02)

STA. 2+43.78, OS: 29.48' RT
1-8" M.J. X 2" THR. CI OR DI
ECCENTRIC REDUCER, (TEMP)
1-2" BLOW OFF ASSEMBLY (TEMP)
(SAWS STD DD-844-01)

STA. 2+43.73, OS: 40.41' LT
1-8" M.J. X 2" THR. CI OR DI
ECCENTRIC REDUCER, (TEMP)
1-2" BLOW OFF ASSEMBLY (TEMP)
(SAWS STD DD-844-01)

STA. 2+43.73, OS: 40.35' LT
1-8"x6" REDUCER, M.J.
(SAWS STD DD-844-02)

REMOVE AND SALVAGE EX.
WATER VALVE (N.S.P.I.)

REMOVE ±26 L.F. 6" AC PIPE.

±25 LF-8" PVC DR-18 (C-900)

STA. 2+50.61
2-12" 1/8 BENDS, M.J. (VERT)
(SAWS STD DD-844-02)
±5 L.F.-12" PVC DR-18 (C-900)

STA. 2+43.93
2-12" 1/8 BENDS, M.J.
(SAWS STD DD-844-02)
±5 L.F.-12" PVC DR-18 (C-900)

12" AC (ABANDON)

REMOVE ±13 L.F. 6" AC PIPE.

STA. 2+43.76, OS: 18.54' RT
2-8" 1/8 BENDS, M.J. (VERT)
(SAWS STD DD-844-02)
±5 L.F.-8" PVC DR-18 (C-900)

STA. 2+43.76, OS: 29.48' RT
TIE IN AFTER RELEASE FOR SERVICE:
AFTER RELEASE FOR SERVICE TIE NEW
6" PVC MAIN TO EX. 6" AC MAIN
1-6"x6" CAST COUPLING (PVC TO AC)
REMOVE ±26 L.F. 6" AC PIPE.
INSTALL ±26 L.F. 6" PVC DR-18 (C-900),
CUT AS REQ'D.

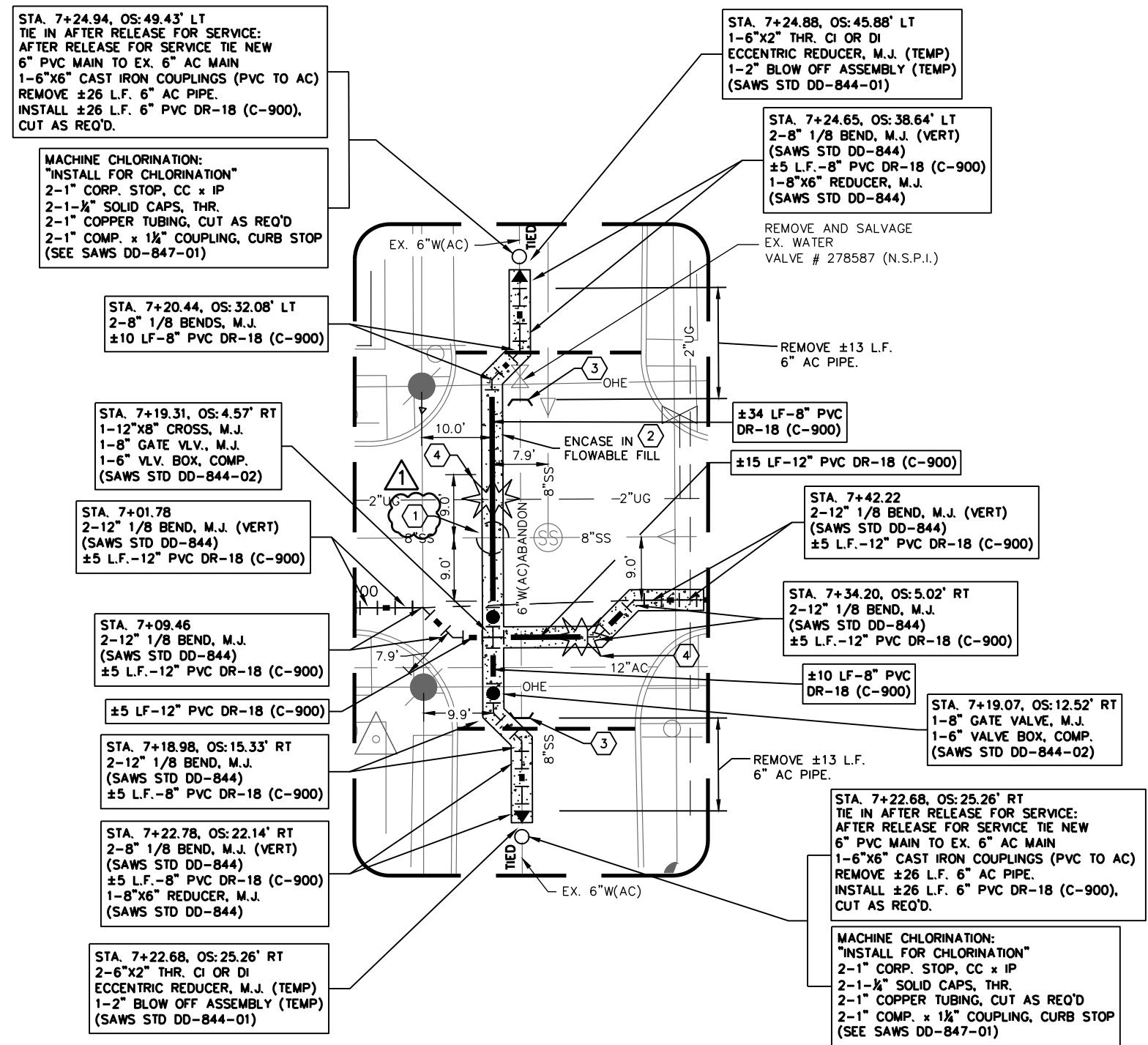
MACHINE CHLORINATION:
"INSTALL FOR CHLORINATION"
2-1" CORP. STOP, CC x IP
2-1-1/4" SOLID CAPS, THR.
2-1" COPPER TUBING, CUT AS REQ'D
2-1" COMP. x 1/4" COUPLING, CURB STOP
(SEE SAWS DD-847-01)

File: L:\CADD\LN\1077-Nevada\Drawings\Sheets\1077-S-WTR11-ADD#1.dwg
Last saved by: Wfor, 9/21/2021 3:53 PM
Last plotted by: Walter Flores, 9/21/2021 3:53 PM

SHEET NOTES

- PROP. WATER MAIN SHALL BE RESTRAINED PER SAWS SPECIFICATION NO. 839.
- BASELINE CONTROL DATUM SHOWN ON SHEET W3.
- CONTRACTOR TO FIELD VERIFY LOCATION OF WATER SERVICE FOR ALL PROPERTIES PRIOR TO COMMENCING WORK.
- CONTRACTOR TO COORDINATE WITH COORDINATE WITH SAWS INSPECTOR THE METER LOCATIONS FOR ALL LOTS.
- WATER VALVES SHALL HAVE CONCRETE COLLARS AS PER SAWS ITEM NO. 828.
- CONTRACTOR TO PROTECT EXISTING WATER SERVICE LINES (N.S.P.I.)
- CONTRACTOR TO RELAY SERVICES TO EXISTING CORPORATION STOP.

File: L:\CADD\LN\1077-Nevada\Drawings\Sheets\1077-S-WTR13-ADD#1.dwg
 Last saved by: Wfor, 9/21/2021 3:56 PM Last plotted by: Walter Flores, 9/21/2021 3:56 PM



ENLARGED PLAN
 S. SPRUCE ST.
 SCALE: 1"=20'

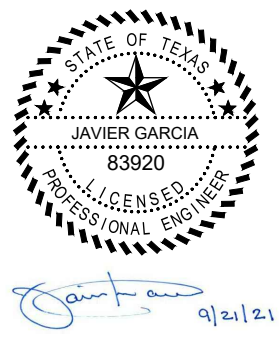
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- KEY NOTES**
- EXIST. PVMT. (EL.= +/-685.48) AT PROP. WATER MAIN (T.O.P.=677.78) CROSSING UNDER PROP. SAN. SWR. (INV.=678.81), MAINTAIN 12" CLR. (MIN.).
 - ENCASE 125'-L.F. PROP. WATER MAIN IN FLOWABLE FILL (HIGH STRENGTH)
 - CAP AND PLUG EXIST. 6" AC MAIN AFTER NEW MAIN IN SERVICE.
 - WARNING WATER MAIN CROSSING GAS MAIN, CONTRACTOR TO USE EXTREME CAUTION.

SAWS ASBESTOS NOTE:
 ASBESTOS CEMENT (AC) PIPE, ALSO KNOWN AS TRANSITE PIPE, CONTAINS ASBESTOS-CONTAINING MATERIAL (ACM) AND IS LOCATED WITHIN THE PROJECT LIMITS. SPECIAL WASTE MANAGEMENT PROCEDURES AND HEALTH AND SAFETY REQUIREMENTS ARE APPLICABLE WHEN HANDLING, REMOVING, AND DISPOSING OF THIS PIPE. PAYMENT FOR SUCH WORK IS TO BE MADE UNDER SPECIAL SPECIFICATION ITEM NO 3000, "SPECIAL SPECIFICATION FOR HANDLING ASBESTOS CEMENT PIPE."

ITEM	DESCRIPTION	UNIT	QUANTITY
COSA 203	TACK COAT	GAL	9
COAS 205	HOT MIX ASPHALTIC PAVEMENT - TYPE B (10" COMP. DEPTH)	SY	69
COSA 205	HOT MIX ASPHALTIC PAVEMENT - TYPE D (2" COMP. DEPTH)	SY	87
299	FLOWABLE FILL (HIGH STRENGTH)	CY	15
550	TRENCH EXCAV. SAFETY PROTECTION	LF	156
818	6" PVC WATER MAIN	LF	52
818	8" PVC WATER MAIN	LF	64
818	12" PVC WATER MAIN	LF	40
828	8" GATE VALVE, COMPLETE w/ BOX	EA	2
836	PIPE FITTINGS, ALL SIZES AND TYPES	TON	0.4
840	6" WATER TIE-IN	EA	2
841	HYDROSTATIC TESTING	EA	1
844	2" BLOW-OFF, TEMPORARY	EA	2
3000	REMOVAL, TRNSPORT, DISPOSAL OF AC PIPE	LF	78



NO	DATE	DESCRIPTION	WF	JG
1	09/21/21	ADDENDUM #1		
		REVISIONS		

LEGEND

PROP. WATER MAIN	
EXIST. WATER MAIN	
GAS MAIN	
SANITARY SEWER	
STORM SEWER	
UTILITY POLE LINE	
ELECTRIC CABLE	
TELEPHONE CABLE	
NEW UNMETERED SERVICE:	
3/4" SINGLE	
1" DUAL	
SERVICE RELAY:	
3/4" OR LARGER	
SERVICE RELOCATE:	
3/4" OR LARGER	
NEW METER BOX	
REDUCER	
GAS, WATER, ELEC. UGT & STORM DRAIN CROSSING	
PROP CONCRETE ENCASEMENT	
ABANDON GATE VALVE (NSPI)	
TRENCH REPAIR	
MILL AND OVERLAY	
FLOWABLE FILL	

Garcia Infrastructure Consultants, LLC
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LNVP an Arduro Company
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 8918 TESORO DR, SUITE 401 SAN ANTONIO, TX 78217 PH. (210) 822-2232 WWW.LNVP.COM

SAN ANTONIO WATER SYSTEM

2022 SMP PACKAGE IV
 (NEVADA ST, FRANCES JEAN DR, LYNHURST)
 WATER PLANS

NEVADA ST. ENLARGED WATER PLAN C

HORIZ. SCALE: 1"=20'
 0 10 20
 SCALE IN FEET

MAP No(s):
 SAWS JOB NO.: 21-5012
 DRWN BY: H3 DSGN BY: H3 CHKD BY: RA DATE: \$DATE\$

W13