



**SAN ANTONIO WATER SYSTEM**  
**Olmos Basin Central Watershed Sewer Relief Main (C-3) Project – Line C**  
**SAWS Job No. 08-2512**  
**Solicitation No. B-13-CD-074-RA**

**ADDENDUM NO. 2**

**November 14, 2013**

**BID DATE: November 19, 2013**

**10:00 a.m. Central Time**

**Consulting Engineer: Weston Solutions, Inc. TBPE Registration No. F-3123**

To: All Document Holders of Record

This addendum, applicable to work referenced above, is an amendment to the Contract Documents and modifies the original Contract Documents dated October 17, 2013. Acknowledge receipt of this addendum by entering the addendum number and issue date in the space provided in submitted copies of the proposal. Failure to do so may subject Bidder to disqualification.

**A. Bidding and Contract Requirement Revisions:**

**Item 1:** ADD the following to **Special Conditions**:

Construction Phases. Phases of construction were established by the Owner as a way to control the progression of work to ensure that construction activities in a given phase reach a defined stage of completion prior to commencing work in the next phase. The Owner requires that the work be sequenced and completed in the four (4) phases listed below.

- Phase 1 – Sta. 0+00 to Sta. 15+75
- Phase 2 – Sta. 15+75 to Sta. 20+25
- Phase 3 – Sta. 20+25 to Sta. 30+38 (END)
- Phase 4 – 48" CIPP Rehabilitation

The Contractor shall only be allowed to perform construction activities within one Phase at a time. Under no circumstances shall the Contractor be allowed to perform work out of the sequence listed above. Contractor will not be allowed to advance to the next phase until at least all of these activities have been completed in a phase: pipeline, manhole, junction structure installation, coating, and all quality testing has passed; complete site restoration to pre-construction conditions; permanent pavement restoration; installation of erosion control matting; removal of temporary safety fencing and traffic handling signage and devices; removal of temporary erosion control devices; and removal of tree protection fencing. The Contractor shall provide a written request to advance to the next project phase 10 days prior to the anticipated move. The Contractor's Work Progress Schedule submitted under Article 5.13 of the General Conditions shall show when the Contractor expects to begin work in each phase (i.e., as a milestone).

Maintenance of Lighting and Irrigation Systems. Contractor is responsible for maintaining existing park lighting and irrigation systems. Any lights and irrigation damaged by Contractor shall be repaired to original conditions before the end of the day in which damage occurred. Work for the lighting and irrigation systems shall not be paid for directly but shall be subsidiary to the various items of the Contract.

Site Restoration. Contractor shall be responsible for protecting existing features during construction. Any features damaged shall be repaired or replaced at no additional cost to Owner. Contractor is responsible for restoration of all disturbed areas within the limits of the joint use agreement areas shown on the drawings.

Contractor's Employee Parking. Contractor's employees shall only be allowed to park their personally owned vehicles in areas allowed and approved by COSA Parks Department.

Temporary Sidewalk. Contractor shall install a temporary sidewalk east of the Concrete Walk shown on Sheets C-03 and C-04 for park guest use to walk between the parking lot at Dick Friedrick and Divine to the athletic fields parking lot to the southeast. The temporary sidewalk will extend from approximately Sta. 9+75 to Sta. 15+00. The temporary sidewalk shall be a min. of 4-ft wide with min. 2-in. thick asphalt. The sidewalk shall be installed and removed as part of the Phase 1 work. Contractor shall provide submittal for temporary sidewalk proposed work including sketch of proposed sidewalk installation. The sidewalk will not be measured or paid for separately but shall be considered subsidiary to the other items of the Contract.

Traffic Control Plan. Contractor shall submit for review a site-specific Traffic Control Plan sealed by a Professional Engineer registered in the State of Texas, including a sign and barricade plan conforming to the requirements of the Texas Manual on Uniform Traffic Control Devices. Contractor shall refer to COSA Barricade and Construction Standard Details included in the Drawings; COSA Standard Specification Item 530 Barricades, Signs, And Traffic Handling and Special Provisions thereto; and Section 01550 Public Safety and Convenience. These standard details, specifications, and notes do not, in and of themselves, constitute a Traffic Control Plan. Payment for the required Traffic Control Plan will be made under Bid item #37, 530, Barricades, Signs and Traffic Handling. Inclusive of Handling of Pedestrian / Park Traffic.

**Item 2:** DELETE **Bid Proposal** in its entirety and REPLACE with the attached **Bid Proposal**. Note that the Contract Duration has been increased to five-hundred and forty (540) days.

#### **B. Drawing Revisions:**

**Item 1:** DELETE **Sheet C-6** in its entirety and REPLACE with the attached **Sheet C-6**, dated 11-11-13.

**Item 2:** DELETE **Sheet S-2** in its entirety and REPLACE with the attached **Sheet S-2**, dated 11-7-13.

#### **C. Questions Received During Q&A Period:**

1. Article VI of the Supplemental Conditions provides the Contractor with a formula to compute hourly equipment rates for use on Change Order work. This formula assumes the Contractor only works a 40-hour week or 176-hours per month. How is a Contractor to be compensated for the additional equipment ownership costs for working in excess of a 40-hour week on Change Order work (in other words, Contractors who typically work 60 to 70 hour work weeks will wear out their equipment at a faster rate; which the use of the 40-hour work week rate doesn't compensate for this scenario)?

***Should the contractor work longer than 40 hrs, SAWS will use an hourly rate for those hours beyond the 40 hrs.***

2. Paragraph E of the Special Conditions states, "Contractor shall be allowed to only have materials that will be installed within 48-hours of arriving on-site. Any materials in excess of this amount must be stored off-site (outside the limits of construction/JUA areas) at no additional cost to SAWS." The short-term storage timeframe of 48-hours will most certainly increase the overall amount of daily truck traffic and deliveries to the project site throughout the duration of the project. Will the SAWS reconsider extending this on-site storage timeframe to a minimum of 7-days to better facilitate material (pipe, fittings, rock, etc) staging for a week's worth of work?

***No changes to Paragraph E of the Special Conditions will be made.***

3. Item 5 of the Special Provision to Air and Deflection Testing (SAWS Item No. 849) suggests that deflection testing shall be performed on all flexible pipes 27 inches and greater using a rigid mandrel. The size and weight parameters of a rigid mandrel to perform deflection testing on a 54" Dia. Pipe (FRPM SN72 Pipe) are extreme. Furthermore, the requirement of pulling a mandrel on large diameter pipe (>27", and non-PVC pipe) is not in line with general industry standards. This proposed pipe size allows for man-entry by the SAWS Inspector, thus affording the Contractor/Owner other means of accomplishing a deflection test. Please confirm that SAWS intends for a Contractor to perform the deflection testing on all proposed sewer pipes 27 inches and greater with a rigid mandrel.

***Contractor shall be responsible for and required to perform the deflection testing on all proposed sewer pipes 27 inches and greater with a rigid mandrel as described in SAWS Standard Specifications Item, No. 849.***

4. If a deflection test by use of a rigid mandrel is required on piping 27 inches and greater, will the SAWS allow the Contractor to use mechanical means to pull the mandrel through the proposed piping?

***The use of a mechanical means to pull the mandrel through the pipe will not be allowed.***

5. Please confirm that Concrete Class G (4500 PSI) in accordance with Special Provisions to Concrete (SAWS Item No. 300) shall be used on Sanitary Sewer Junction Structure Manholes and Siphon Boxes (including concrete plugs).

***Contractor shall use 5000 PSI per Reinforcing Notes, Sheet S-1 of Bid Document.***

6. Please confirm that the vertical riser on top of the tee-base manhole shown on Detail 1, Plan Sheet D-4 is to be a fiberglass manhole per ASTM D-3753 with a flanged top.

***Yes, the riser shall be fiberglass, ASTM D-3753.***

7. Will the SAWS allow the precast slab shown on Detail 4, Plan Sheet S-17 to be cast-in-place (especially in the pavement)?

***No objection, cast-in-place concrete will be allowed for the slab.***

8. Note 1 of the Siphon Structure Rehabilitation Notes found on Plan Sheet C12 states the existing downstream siphon structure was not found. Is it reasonable to assume the existing downstream siphon structure to be rehabbed is of the same dimensions of the upstream siphon structure?

***It is reasonable to assume the existing downstream siphon structure dimensions are the same as the upstream siphon structure, but contractor shall be responsible for all verification and dimensions if they are different.***

9. Please confirm that the Contractor is to replace the existing stop logs at the rehabbed siphon structures with the same 2" x 10" Redwood Logs.

**Yes, Contractor shall replace with new redwood stop logs. Based on record drawings existing stop logs are 2" x 10" Redwood Logs, but contractor shall be responsible for all verifications and dimensions.**

10. Will the SAWS allow the use of liner plate in lieu of steel casing for the dual tunnel crossing at STA 21+40.08 to STA 21+97.32?

**Steel casing shall be used for dual crossing at STA 21+40.08 to STA 21+97.32. Liner plate will NOT be allowed and acceptable to be used on this project.**

11. Would the SAWS entertain increasing the footage of Bid Item No. 3 to 116 LF from 58 LF to account for both runs of the dual tunnel crossing?

**Bid Item No. 3 quantities will not be increased.**

12. If steel casing is required to be used, please confirm that carbon steel casing spacers are acceptable for use on this project.

**Carbon steel spacers shall be coated per SAWS Material Specification, Item 05-31.**

13. What role will the SAWS have in applying and renewing for COSA Street Cut Permits?

**Contractor shall be responsible for COSA Street Cut Permits. Refer to Supplemental Conditions, under Article V – Contractor Responsibility.**

14. Is certified payroll required for this project?

**Yes, it is noted in bidding document.**

15. What are the liquidated damages for this project?

**For the purpose of this contract, liquidated damages are set at \$1,000.00 per day.**

16. Will a revised Bid Proposal be issued with corrected numbering of the bid items?

**A revised Bid Proposal form is provided with Addendum No. 2.**

17. Can the flow from the 48" be pumped into the new 54" line once it is installed and the CIPP installation is being performed

**Contractor shall be responsible for the existing 48" flow management and diversion during the CIPP rehabilitation of existing sewerline, manholes and siphon structures. Flow will not be allowed to be diverted to the new 54" sewerline until the pipes, manholes, junction boxes, siphon barrels and structures have been completely installed, tested and accepted by owner.**

This Addendum, including these 5 pages, is 16 pages, with attachments, in its entirety.

Each respondent is requested to acknowledge receipt of this Addendum No. 2 by his/her signature affixed hereto and to file same with and attached to his/her bid.



*Abdel-Qader J. Hamed 11/14/2013*

Approved by ENGINEER  
WESTON SOLUTIONS, INC.  
TEXAS REGISTERED ENGINEERING FIRM F-3123

The undersigned acknowledges receipt of this Addendum No. 2 and the bid submitted herewith is in accordance with the information and stipulations set forth.

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature of Bidder

**END OF ADDENDUM**

**OLMOS BASIN CENTRAL WATERSHED SEWER RELIEF LINE (C-3): LINE C**  
 SOLICITATION NO. B-13-CD-074-RA

BID PROPOSAL

PROPOSAL OF \_\_\_\_\_, a corporation

a partnership consisting of \_\_\_\_\_

an individual doing business as \_\_\_\_\_

THE SAN ANTONIO WATER SYSTEM:

Pursuant to Instructions and Invitations to Bidders, the undersigned proposes to furnish all labor and materials as specified and perform the work required for the construction of pipelines and appurtenances, San Antonio Water System Job Number 08-2512 in accordance with the Plans and Specifications for the following prices to wit:

No.	Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
1	550	TRENCH EXCAVATION SAFETY PROTECTION _____ Dollars and _____ Cents	LF	2,980	_____	_____
2	848	54" DIAMETER GRAVITY SEWER. FRPM ASTM D-3262, SN 72. COMPLETE AND IN-PLACE. INCLUSIVE OF EXCAVATION, BEDDING, BACKFILL, DEWATERING AND TESTING. _____ Dollars and _____ Cents	LF	2,804	_____	_____
3	848	DUAL 42" FRPM ASTM D-3262, SN 72. INCLUSIVE OF JACKING & BORING, BORE PITS, DUAL 60" STEEL ENCASEMENT PIPE & CASING SPACERS, ANNULAR GROUT, EXCAVATION, BEDDING, BACKFILL, DEWATERING, AND TESTING. COMPLETE AND IN-PLACE. _____ Dollars and _____ Cents	LF	58	_____	_____
4	848	DUAL 42" FRPM ASTM D-3262, SN 72. INCLUSIVE OF EXCAVATION, BEDDING, BACKFILL, DEWATERING, AND TESTING. COMPLETE AND IN-PLACE. _____ Dollars and _____ Cents	LF	176	_____	_____
5	1100	18" (DIPS) FUSIBLE PVC DR 25 AIR BYPASS VIA SLIPLINING OF EXISTING ABANDONED 24" SANITARY SEWER LINE. INCLUSIVE OF PRE-CLEANING AND PRE-TELEVISION INSPECTION OF EXISTING 24-INCH HOST PIPE. COMPLETE IN-PLACE. _____ Dollars and _____ Cents	LF	223	_____	_____

**OLMOS BASIN CENTRAL WATERSHED SEWER RELIEF LINE (C-3): LINE C**

SOLICITATION NO. B-13-CD-074-RA

No.	Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
6	848	18" (DIPS) FUSIBLE PVC DR 25 AIR BYPASS. COMPLETE IN-PLACE. INCLUSIVE OF 6" CONCRETE SLAB, CONNECTING TO EXISTING AND PROPOSED SEWER MANHOLES/JUNCTION BOXES, EXCAVATION, BEDDING, BACKFILL, DEWATERING, AND TESTING.  _____ Dollars and _____ Cents	LF	70	_____	_____
7	850	JUNCTION STRUCTURE JB-1 @STA 0+00. INCLUSIVE OF CONNECTION OF EXISTING 54" AND PROPOSED 54" SANITARY SEWER LINE, STRUCTURAL EXCAVATION, DEWATERING, MH RISERS/CONE/RING & COVER, COATING, FLOWABLE FILL, TESTING. COMPLETE AND IN-PLACE.  _____ Dollars and _____ Cents	LS	1	_____	_____
8	850	JUNCTION STRUCTURE JB-2 @STA 20+49.40 (DOWNSTREAM SIPHON STRUCTURE). INCLUSIVE OF STAINLESS STEEL SLUICE GATES, TESTED BOTH SIDES, STRUCTURAL EXCAVATION, DEWATERING, MH RISERS/ CONE/ RING & COVER, COATING, FLOWABLE FILL, TESTING. COMPLETE AND IN-PLACE.  _____ Dollars and _____ Cents	LS	1	_____	_____
9	850	JUNCTION STRUCTURE JB-3 @STA 22+83.60 (UPSTREAM SIPHON STRUCTURE). INCLUSIVE OF STAINLESS STEEL SLUICE GATES, TESTED BOTH SIDES, STRUCTURAL EXCAVATION, DEWATERING, MH RISERS/ CONE/ RING & COVER, COATING, FLOWABLE FILL, TESTING. COMPLETE AND IN-PLACE.  _____ Dollars and _____ Cents	LS	1	_____	_____
10	850	JUNCTION STRUCTURE JB-4 @STA 30+37.79. INCLUSIVE OF CONNECTION OF EXISTING 48" SANITARY SEWER LINE, 54" STUBOUT AND PLUG, STRUCTURAL EXCAVATION, DEWATERING, MH RISERS/CONE/RING & COVER, COATING, FLOWABLE FILL, TESTING. COMPLETE AND IN-PLACE.  _____ Dollars and _____ Cents	LS	1	_____	_____

**OLMOS BASIN CENTRAL WATERSHED SEWER RELIEF LINE (C-3): LINE C**  
 SOLICITATION NO. B-13-CD-074-RA

No.	Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
11	853	TEE BASE FIBERGLASS MANHOLE, ON 54" PIPE, WITH 54" LATERAL CONNECTION (@ STA 0+37.06) WITH 60" RISER. INCLUSIVE OF 54" STUBOUT AND CAP. COMPLETE AND IN-PLACE.  _____ Dollars and _____ Cents	EA	1	_____	_____
12	853	TEE BASE FIBERGLASS MANHOLE, ON 54" PIPE WITH 60" RISER. COMPLETE AND IN-PLACE.  _____ Dollars and _____ Cents	EA	6	_____	_____
13	853	TEE BASE FIBERGLASS MANHOLE, ON 54" PIPE, WITH 18" AIR BYPASS CONNECTION (@ 25+49.70) WITH 60" RISER. COMPLETE AND IN-PLACE.  _____ Dollars and _____ Cents	EA	1	_____	_____
14	853	TEE BASE FIBERGLASS MANHOLE, ON 54" PIPE, WITH 6" LATERAL CONNECTION (@ 28+23.35) WITH 60" RISER. COMPLETE AND IN-PLACE.  _____ Dollars and _____ Cents	EA	1	_____	_____
15	853	TEE BASE MH 60" RISER EXTRA DEPTH.  _____ Dollars and _____ Cents	VF	32	_____	_____
16	853	6" GRAVITY SEWER PIPE, PVC ASTM D-3034. INCLUSIVE OF EXCAVATION, BEDDING, BACKFILL, DEWATERING, ALL FITTINGS, CLEAN-OUTS, AND RESTORATION TO PRE-CONSTRUCTION CONDITIONS. COMPLETE AND IN-PLACE.  _____ Dollars and _____ Cents	LF	134	_____	_____
17	901.1	INSTALL 48" CIPP SANITARY SEWER PIPE, ALL DEPTHS. INCLUSIVE OF PRE-CLEANING AND PRE-TELEVISION INSPECTION.  _____ Dollars and _____ Cents	LF	2,618	_____	_____



**OLMOS BASIN CENTRAL WATERSHED SEWER RELIEF LINE (C-3): LINE C**

SOLICITATION NO. B-13-CD-074-RA

No.	Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
18	868	CLEANING OF EXISTING 2 - 42" SIPHON BARRELS. INCLUSIVE OF DEWATERING AND DEPOSIT REMOVAL.  _____ Dollars and _____ Cents	LF	158	_____	_____
19	855/ 910	UPSTREAM SIPHON STRUCTURE REHABILITATION. INCLUSIVE OF STRUCTURAL HIGH-SULFATE RESISTANT LINING.  _____ Dollars and _____ Cents	LS	1	_____	_____
20	855/ 910	DOWNSTREAM SIPHON STRUCTURE REHABILITATION. INCLUSIVE OF LOCATING AND EXPOSING SIPHON STRUCTURE AND STRUCTURAL HIGH-SULFATE RESISTANT LINING.  _____ Dollars and _____ Cents	LS	1	_____	_____
21	851	ADJUSTING EXISTING MANHOLE – UPGRADE / REPLACE RING AND COVER.  _____ Dollars and _____ Cents	EA	7	_____	_____
22	910	MANHOLE REHABILITATION ((ON EXISTING 48" SEWER) – STRUCTURAL HIGH-SULFATE RESISTANT COATING.  _____ Dollars and _____ Cents	EA	6	_____	_____
23	910	MANHOLE REHABILITATION (ON EXISTING 24" LINE) – INCLUSIVE OF CUTTING AND PLUGGING EXISTING 24" LINE, FILLING/GROUTING AND FORMING INVERT OF MANHOLE TO ELEVATION OF OUTGOING SERVICE AND STRUCTURAL HIGH-SULFATE RESISTANT COATING. COMPLETE AND IN-PLACE.  _____ Dollars and _____ Cents	LS	1	_____	_____
24	866	SEWER MAIN TELEVISION INSPECTION, PROPOSED LINE C.  _____ Dollars and _____ Cents	LF	3,272	_____	_____

**OLMOS BASIN CENTRAL WATERSHED SEWER RELIEF LINE (C-3): LINE C**  
**SOLICITATION NO. B-13-CD-074-RA**

No.	Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
25	1103	OBSTRUCTION REMOVAL, INCLUSIVE OF REMOVAL OF ROOTS, 48" DIAMETER PIPE. _____ Dollars and _____ Cents	EA	1	_____	_____
26	2003	ODOR CONTROL SETUP AND REMOVAL. _____ Dollars and _____ Cents	LS	1	_____	_____
27	2003	ODOR CONTROL EQUIPMENT RENTAL. _____ Dollars and _____ Cents	LS	1	_____	_____
28	2003	ODOR CONTROL BIOCHEMICAL SOLUTION. _____ Dollars and _____ Cents	LS	1	_____	_____
29	1540	FLOW MANAGEMENT AND BYPASS PUMPING. _____ Dollars and _____ Cents	LS	1	_____	_____
30	1501	STORM WATER POLLUTION PREVENTION PLAN (SWPPP) AND EXECUTION. _____ Dollars and _____ Cents	LS	1	_____	_____
31	500	CONCRETE CURB/STONE CURB _____ Dollars and _____ Cents	LF	160	_____	_____
32	502	CONCRETE SIDEWALKS. _____ Dollars and _____ Cents	SY	22	_____	_____
33	511	CUTTING AND REPLACING PAVEMENT, REPLACING WITH 10" ASPHALT TREATED BASE AND 2" HMAC SURFACE. _____ Dollars and _____ Cents	SY	1,350	_____	_____

**OLMOS BASIN CENTRAL WATERSHED SEWER RELIEF LINE (C-3): LINE C**

SOLICITATION NO. B-13-CD-074-RA

No.	Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
34	1114	PRE- AND POST-CONSTRUCTION VIDEO.  _____ Dollars and _____ Cents	LS	1	_____	_____
35	1321	CONSTRUCTION PHOTOGRAPHY.  _____ Dollars and _____ Cents	LS	1	_____	_____
36	516	SODDING.  _____ Dollars and _____ Cents	SY	10,000	_____	_____
37	530	BARRICADES, SIGNS AND TRAFFIC HANDLING. INCLUSIVE OF HANDLING OF PEDESTRIAN / PARK TRAFFIC.  _____ Dollars and _____ Cents	LS	1	_____	_____
38	01550	SAFETY FENCING.  _____ Dollars and _____ Cents	LS	1	_____	_____
39	540	INLET PROTECTION.  _____ Dollars and _____ Cents	EA	2	_____	_____
40	540	TEMPORARY SEDIMENT CONTROL FENCE (SILT FENCE).  _____ Dollars and _____ Cents	LF	2,969	_____	_____
41	540	ORGANIC FILTER TUBES.  _____ Dollars and _____ Cents	LF	250	_____	_____
42	540	CONSTRUCTION EXITS (INSTALL/REMOVE).  _____ Dollars and _____ Cents	SY	1,111	_____	_____

**OLMOS BASIN CENTRAL WATERSHED SEWER RELIEF LINE (C-3): LINE C**

SOLICITATION NO. B-13-CD-074-RA

No.	Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
43	544	ROCK FILTER DAMS (TYPE 1 - 5).  _____ Dollars and _____ Cents	LF	50	_____	_____
44	554	EROSION CONTROL MATTING.  _____ Dollars and _____ Cents	SY	111	_____	_____
45	801	TREE PROTECTION INCLUSIVE OF LEVEL I, IIA, IIB PROTECTION AND BARK MULCH FOR ROOT ZONE PROTECTION.  _____ Dollars and _____ Cents	LS	1	_____	_____
46	801	TREE AND ROOT PRUNING BY CERTIFIED ARBORIST.  _____ Dollars and _____ Cents	LS	1	_____	_____
47	803	TREE TRANSPLANTING. TREES <10"DIA.  _____ Dollars and _____ Cents	EA	2	_____	_____
48	01010	PROTECT, SUPPORT, AND/OR TEMPORARILY RELOCATE ELECTRICAL CONTROL PANEL RACK AND POWER POLES (AT LINE C, APPROXIMATE STA. 25+35).  _____ Dollars and _____ Cents	LS	1	_____	_____

SUBTOTAL SAWS JOB NO. 08-2512 (SEWER): \$ \_\_\_\_\_

**LINE ITEM "A"**

**SUBTOTAL BASE BID (SEWER)** \$ \_\_\_\_\_

**OLMOS BASIN CENTRAL WATERSHED SEWER RELIEF LINE (C-3): LINE C**

SOLICITATION NO. B-13-CD-074-RA

No.	Item No.	Description (Unit Price to be written in Words)	Unit	Quantity	Unit Price (Figures)	Total Price (Figures)
49	100	MOBILIZATION Percent of the <u>Line Item "A"</u> Sub total Base Bid written in words  _____ Percent (Maximum of 10% of the <u>Line Item "A"</u> Sub-total Base Bid amount)	LS	1	_____	_____
50	101	PREPARING R.O.W. Percent of the <u>Line Item "A"</u> Subtotal Base Bid written in words  _____ Percent (Maximum of 5% of the <u>Line Item "A"</u> Sub-total Base Bid amount)	LS	1	_____	_____

**MOBILIZATION, AND PREPARING RIGHT OF WAY SUBTOTAL** \$ \_\_\_\_\_

Mobilization lump sum bid shall be limited to a maximum 10% of the Line Item "A" Sub-total Base Bid amount. Preparing Right-of-Way lump sum bid shall be limited to a maximum of 5% of the Line Item "A" Sub-total Base Bid amount. The Line Item "A" Sub-total base bid is defined as all bid items **EXCLUDING** Item 100, Mobilization and Item 101, 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.**

Job No. 08-2512

**OLMOS BASIN CENTRAL WATERSHED SEWER RELIEF LINE (C-3): LINE C**

SOLICITATION NO. B-13-CD-074-RA

**TOTAL BID AMOUNT (Line Item "A", Mobilization,  
& Preparing Right of Way)**

\$ \_\_\_\_\_

\_\_\_\_\_ **DOLLARS AND**

\_\_\_\_\_ **CENTS**

\_\_\_\_\_  
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 **Five-hundred and forty (540) 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 Proposal which are included on the following pages.



CONTRACTOR SHALL RESTORE IRRIGATION SYSTEM TO ORIGINAL OR BETTER CONDITION IF DAMAGED DURING CONSTRUCTION (NSPI)

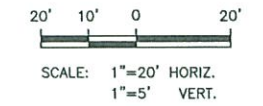
EX. MH C-4R  
REHABILITATE MANHOLE  
N 13722356.80  
E 2133721.53  
RIM EL: 695.30  
INV EL: 686.20

CONTRACTOR TO LOCATE SIPHON STRUCTURE

CONTRACTOR SHALL NOT USE PARK PEDESTRIAN BRIDGE FOR CONSTRUCTION PURPOSES, SUCH AS MANEUVERING OF EQUIPMENT, MOVING CONSTRUCTION MATERIALS, ETC.

CAUTION-OVERHEAD ELECTRIC/CABLES!!  
CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANY TO MAINTAIN CLEARANCES AND TO TEMPORARILY DE-ENERGIZE, GROUND, RELOCATE, RAISE, BRACE, SUPPORT LINES/POLES, AS REQUIRED TO COMPLETE THE WORK.

CONTRACTOR SHALL REVEGETATE ALL DISTURBED AREAS WITH IN-KIND SODDING



- NOTES:
- TRENCH EXCAVATION SAFETY PROTECTION. CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OR STRUCTURAL DESIGN, GEOTECHNICAL, SAFETY, OR 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 THAT COMPLY WITH AS A MINIMUM, OSHA STANDARDS FOR TRENCH EXCAVATIONS. SPECIFICALLY, CONTRACTOR AND/OR CONTRACTOR'S INDEPENDENTLY RETAINED EMPLOYEE OF 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.
  - CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXISTING FEATURES DURING CONSTRUCTION. ANY FEATURES DAMAGED SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S EXPENSE.
  - UTILITIES SUCH AS WATER, ELECTRIC, GAS, FIBER OPTICS, AND TELECOMMUNICATIONS MAY EXIST WITHIN THE WORK AREA. THE UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND FOR INFORMATION ONLY. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES SHOWN AND NOT SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DAMAGE TO UTILITIES CAUSED BY CONTRACTOR'S OPERATIONS.
  - AT&T: THE CONTRACTOR SHOULD CALL FOR LOCATES THROUGH THE "ONE CALL" UTILITY LOCATE SERVICE (1-800-344-8377) 48 HOURS PRIOR TO CONSTRUCTION/EXCAVATION WORK. CONTRACTORS HAVE THE RESPONSIBILITY TO PROTECT AND SUPPORT TELEPHONE COMPANY PLANT DURING CONSTRUCTION.
  - CPS: CALL THE TEXAS STATE WIDE ONE CALL LOCATOR NUMBER 1-800-344-8377, 48 HOURS BEFORE BEGINNING ANY EXCAVATION. DUE TO FEDERAL REGULATION TITLE 49, PART 192.181, CPS MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROTECTING CPS OVERHEAD AND UNDERGROUND ELECTRIC FACILITIES IF ADJACENT TO WORK AREA.
  - EXISTING SERVICE CONNECTIONS SHALL BE RECONNECTED TO PROPOSED MANHOLE OR MANHOLES. THE LOCATION & NUMBER OF SERVICES WAS NOT CONFIRMED. OTHER SERVICES NOT SHOWN MAY BE PRESENT.
  - CONTRACTOR SHALL PROTECT ALL TREES WITHIN CONSTRUCTION AREA (REFER TO SHEETS ENV-4 AND ENV-5)

REV. NO.	DATE	REVISION DESCRIPTION
1	11/11/13	Addendum No. 2

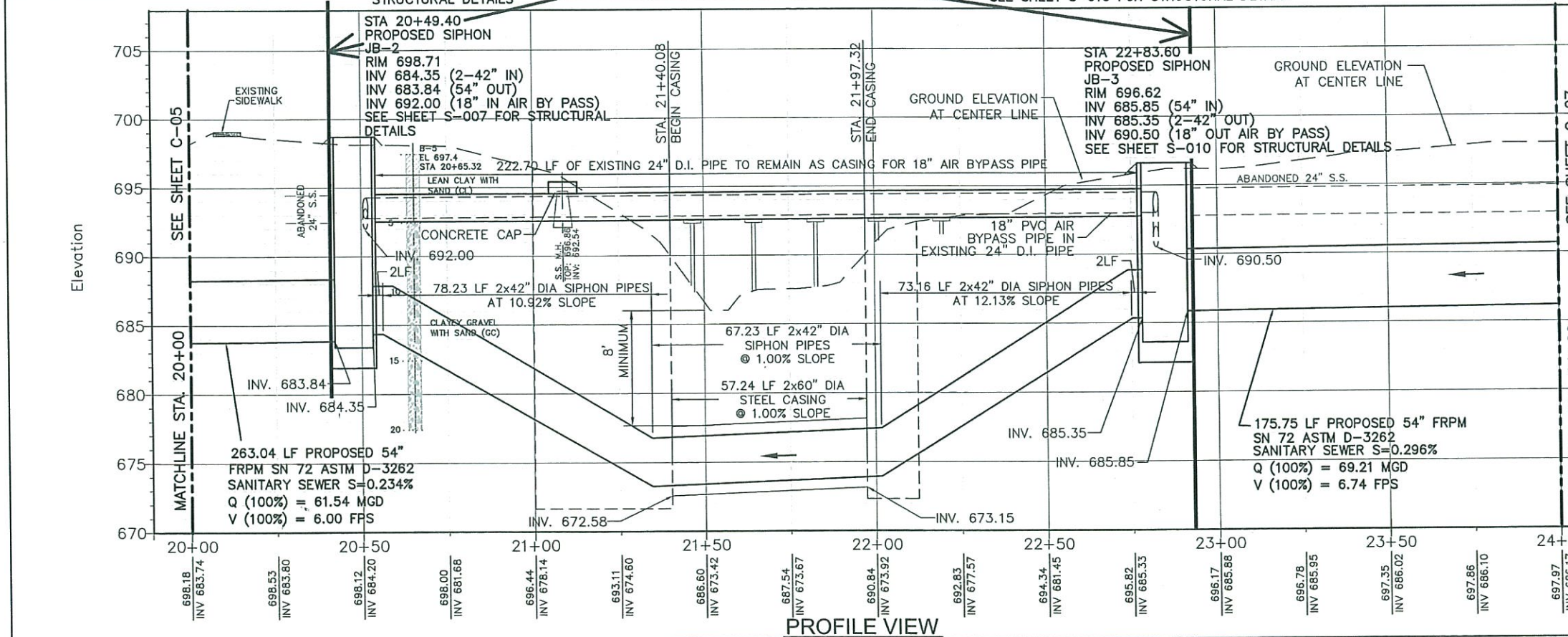
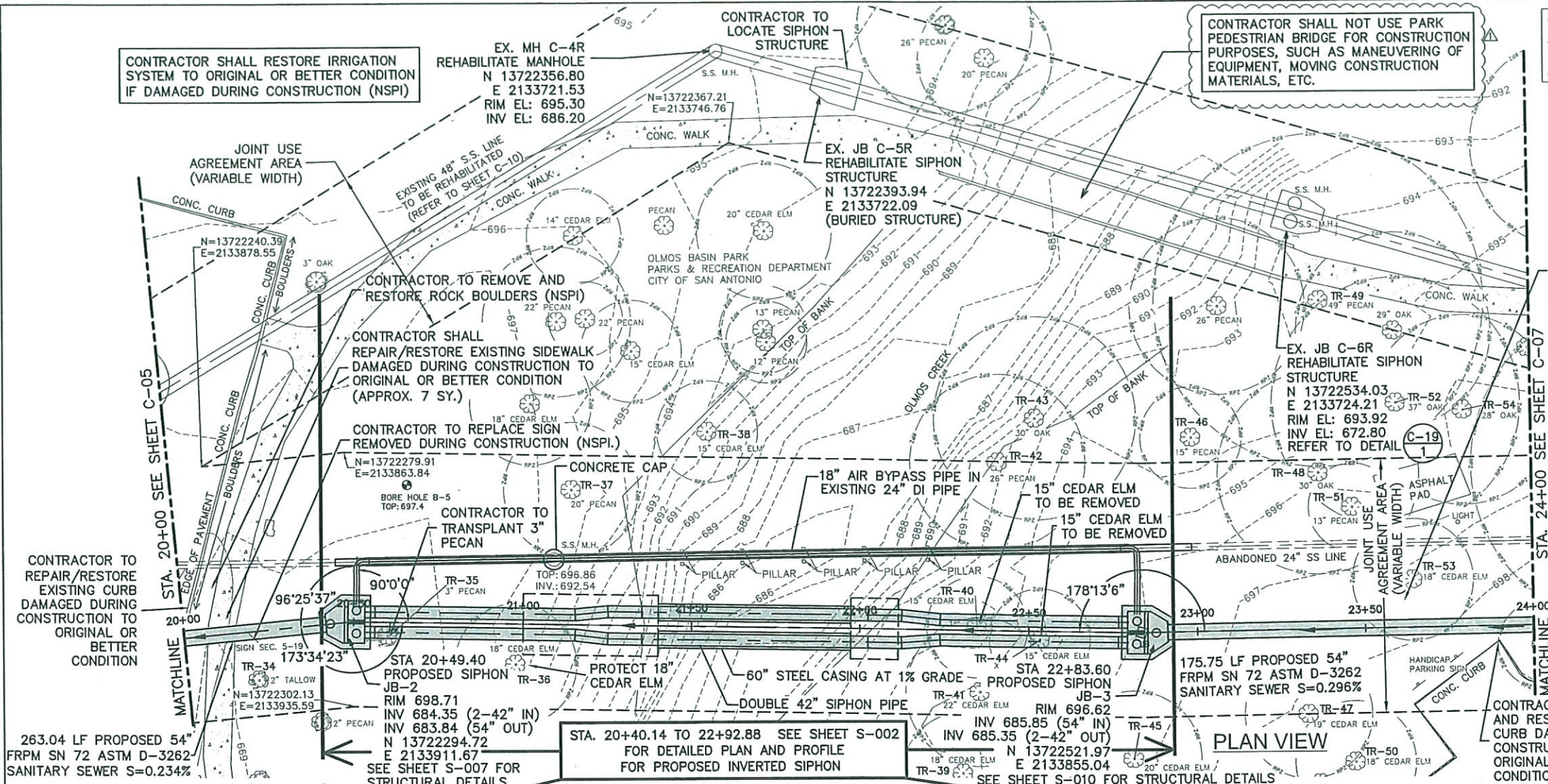
WESTON SOLUTIONS, INC.  
70 NE LOOP 410, SUITE 600  
SAN ANTONIO, TEXAS 78216-6842  
TEXAS REGISTERED ENGINEERING FIRM F-3123

SAWS OLMO'S BASIN CENTRAL WATERSHED  
SEWER RELIEF LINE (C-3) LINE C  
PLAN AND PROFILE

LINE C STA 20+00 TO 24+00

**San Antonio water system**

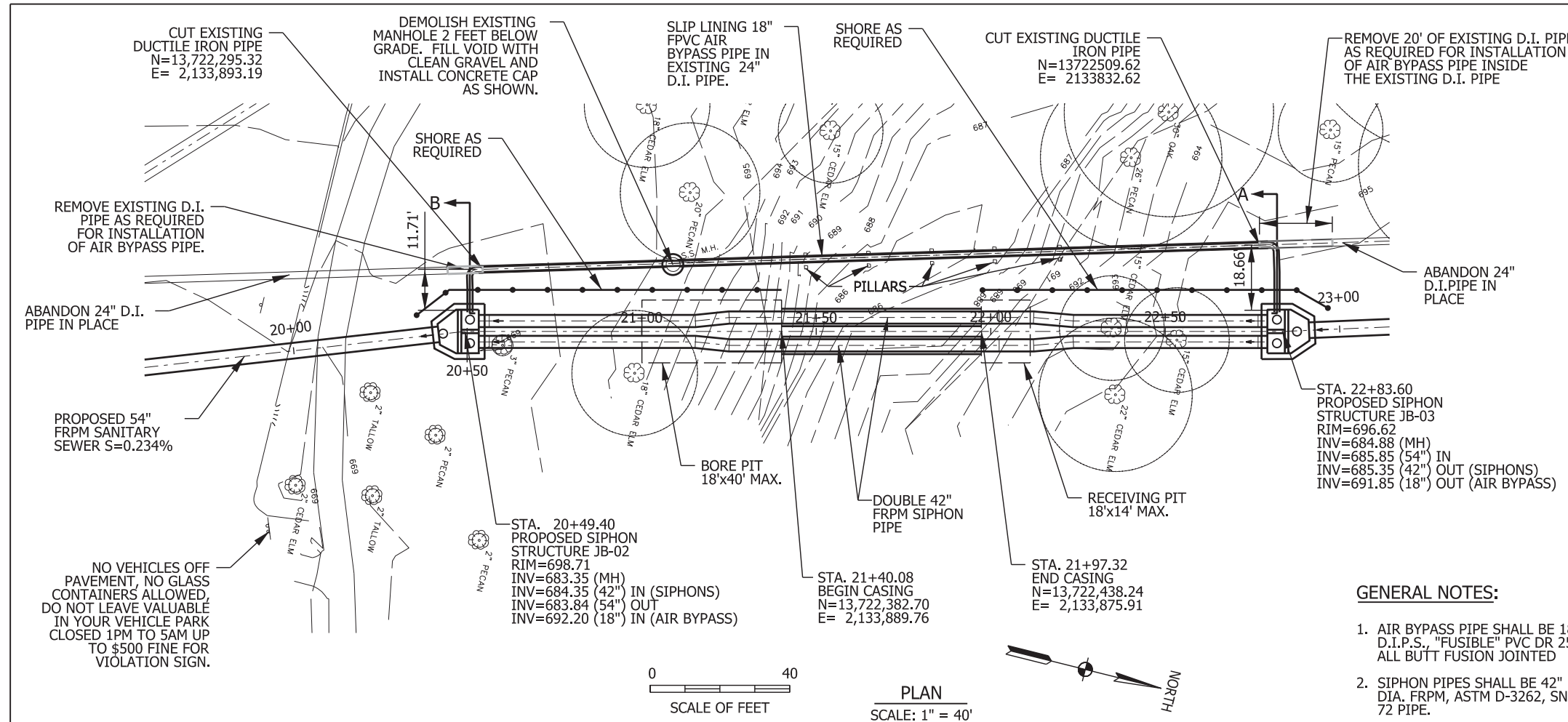
NOTES	INITIALS	DATE
DESIGNED BY	AH	11/11/13
REVIEWED BY	MRJ	11/11/13
SCALE:	AS SHOWN	
SHEET NO.	C-06	
	10 OF 48	



LEGEND

	EXISTING SS LINE
	ABANDONED SS LINE
	PROPOSED SS LINE
	EXISTING ELECTRICAL LINE
	EXISTING GAS LINE
	EXISTING WATER LINE
	660 EXISTING CONTOURS
	EXISTING FENCE
	STORM LINE
	EXIST. DRIP LINE
	REC. WATER
	POWER POLE
	LIGHT POLE
	WATER VALVE
	WATER METER
	GAS VALVE
	ROOT PROTECTION ZONE
	DIRECTION OF FLOW
	OVERHEAD ELECTRIC/CABLES
	PROPOSED EASEMENT





**AT&T TELEPHONE COMPANY NOTE:**  
 THE EXISTENCE AND LOCATION OF UNDERGROUND CABLE INDICATED ON THESE PLANS ARE TAKEN FROM THE BEST RECORDS AVAILABLE AND ARE NOT GUARANTEED TO BE ACCURATE. CONTRACTOR MUST CONTACT THE TELEPHONE COMPANY CABLE LOCATOR 48 HOURS PRIOR TO EXCAVATION AT 1-800-344-8377, CONTRACTOR HAS THE RESPONSIBILITY TO PROTECT AND SUPPORT TELEPHONE COMPANY PLANT DURING CONSTRUCTION.

**CITY PUBLIC SERVICE ENERGY NOTES:**  
 1. CALL CPS ENERGY LOCATOR AT 1-800-344-8377, 48 HOURS BEFORE BEGINNING ANY EXCAVATION.  
 2. DUE TO FEDERAL REGULATIONS TITLE 49, PART 192.181, CPS MUST MAINTAIN ACCESS TO GAS VALVES AT ALL TIMES. THE CONTRACTOR MUST PROTECT AND WORK AROUND ANY GAS VALVES THAT ARE IN THE PROJECT AREA.

**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 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 FOR THE PROJECT DESCRIBED IN THE CONTRACT DOCUMENTS. THE CONTRACTOR'S IMPLEMENTATION OF THESE SYSTEMS, PROGRAMS AND/OR PROCEDURES SHALL PROVIDE FOR ADEQUATE TRENCH EXCAVATION SAFETY PROTECTION THAT COMPLY 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.

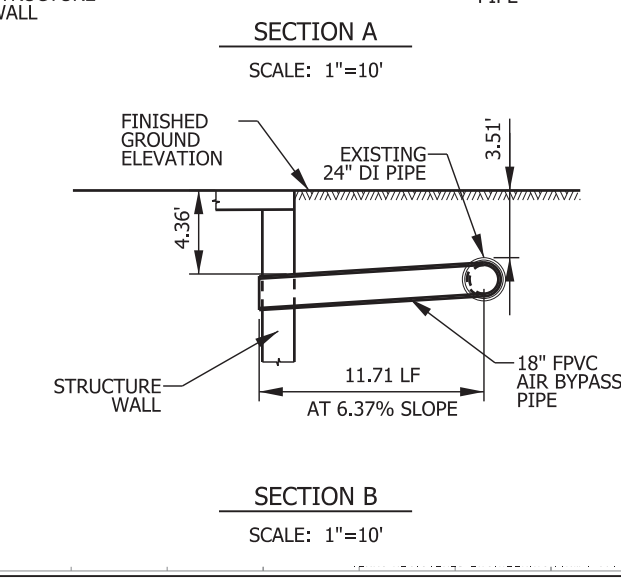
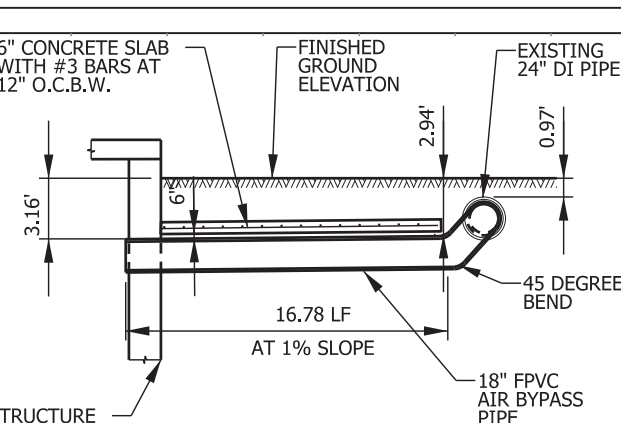
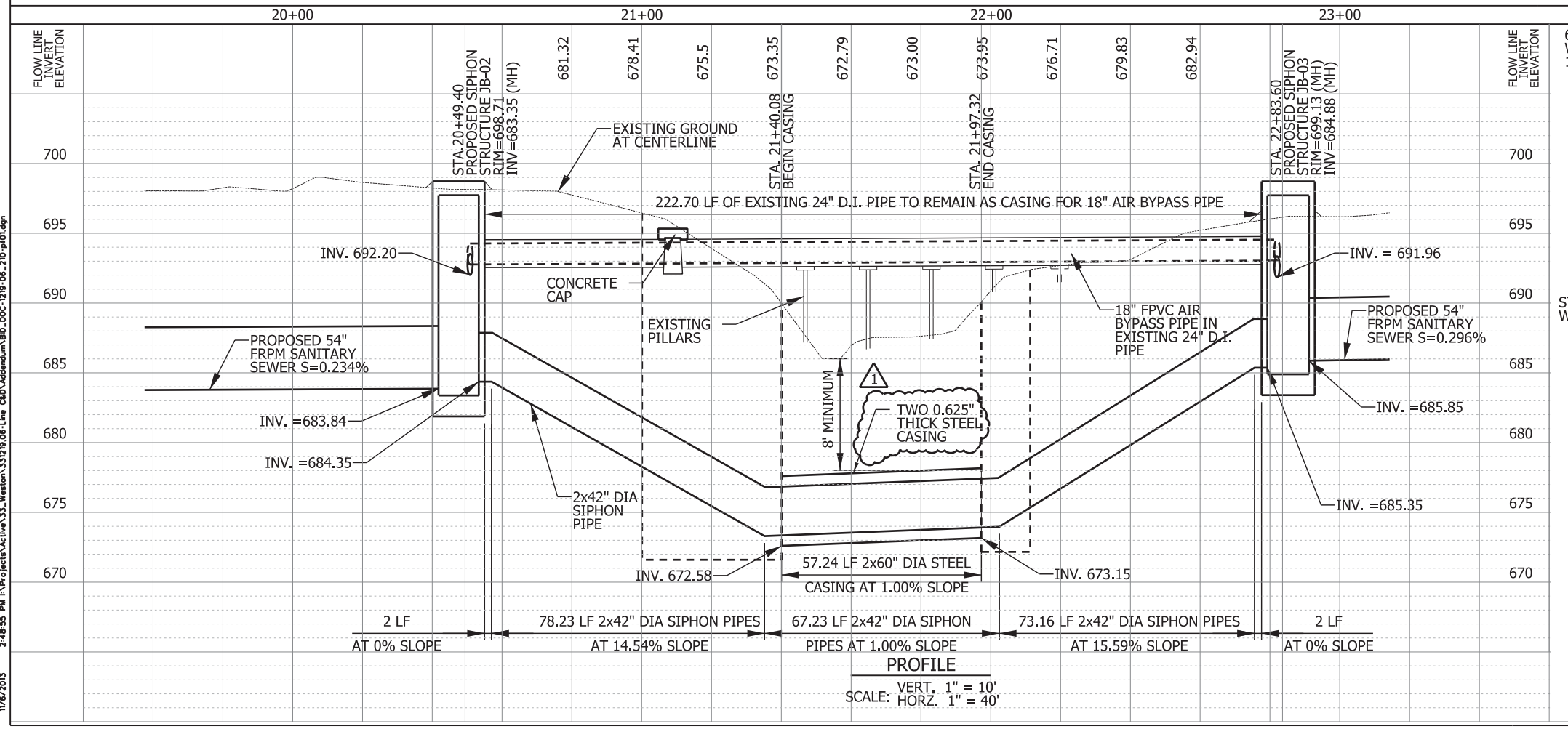
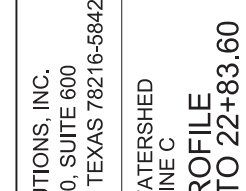
**TIME WARNER CABLE NOTE:**  
 CONTRACTOR SHALL CONTACT THE ONE-CALL LOCATOR 48 HOURS PRIOR TO EXCAVATION AT 1-800-344-8377, CONTRACTOR IS RESPONSIBLE FOR PROTECTING AND SUPPORTING CABLE TV PLANT DURING CONSTRUCTION.

- GENERAL NOTES:**
- AIR BYPASS PIPE SHALL BE 18" D.I.P.S. "FUSIBLE" PVC DR 25, ALL BUTT FUSION JOINTED
  - SIPHON PIPES SHALL BE 42" DIA. FRPM, ASTM D-3262, SN 72 PIPE.

**K. M. Ng & Associates**  
 A DIVISION OF MERRICK & COMPANY  
 SAN ANTONIO, TEXAS 78258  
 TEXAS REGISTERED ENGINEERING FIRM F-3911

REV. NO.	DATE	REVISION DESCRIPTION
1	KWC 11/06/2013	REVISED STEEL CASING THICKNESS

11/7/13



WESTON SOLUTIONS, INC.  
 70 NE LOOP 410, SUITE 600  
 SAN ANTONIO, TEXAS 78216-5842  
 TEXAS REGISTERED ENGINEERING FIRM F-3123

SAWS OLMOS BASIN CENTRAL WATERSHED  
 SEWER RELIEF LINE (C-3) LINE C  
 SIPHON PLAN AND PROFILE  
 LINE C STATION 20+49.40 TO 22+83.60

**San Antonio Water System**

NOTES	INITIALS	DATE
DESIGNED BY	KWC	
REVIEWED BY	KMN	
SCALE:	AS SHOWN	
SHEET NO.	S-2	
	18 OF 48	

11/6/2013 2:48:55 PM I:\Projects\Active\13\_Weston\331219\05-Line CAD\Addendum\BD\_DOC-1219-05\_210-p101.dwg