

**CALAVERAS COUNTY WATER DISTRICT  
EBBETTS PASS WATER SYSTEM  
TECHITE PIPELINE REPLACEMENT PROJECT**

**ADDENDUM #1**

**Issued: Monday, March 2, 2020**

---

*\*\*\*\* Receipt of addenda must be acknowledged by Bidders on the BID FORM, Section 00410, Page 410-1; failure to acknowledge receipt may cause rejection of bid. \*\*\*\**

---

**PART A. PROJECT MANUAL / SPECIFICATIONS**

1. Section 00410 “Bid Form”, on page 00410-7, Add Item 24 “Tree Removal”. Add Units of (LS) and Quantity of 1.
2. Section 00410 “Bid Form”, on page 00410-14, Add Bid Item Description for Item No. 24. “The Contractor shall provide all labor, equipment and materials to remove trees and stumps identified for removal on plan sheets C-4 and C-5 along with other trees and shrubs that are 8-inch or less in diameter. All material shall be removed and disposed of offsite. The Contractor shall be coordinated with nearby residence by placing door tags at all homes at least seven days in advance of tree removal work. Contractor will be required to postpone tree removal work until the District obtains clearances from all affected property owners.”
3. Section 00410 “Bid Form”, on page 00410-7, Add Item 25 “Allowance for Breaking Solid Rock with Hydraulic Breaker”. Add Units of (LS) and Quantity of 1. The contractor is to submit extra work tags on daily basis to the Engineers Representative for review. This allowance item has a fixed bid price of \$15,000 to be paid at Time and Materials basis. Additional funds can be allocated to this item as needed; any unused funds will not be paid to the contractor.
4. Section 00410 “Bid Form”, on page 00410-14, Add Bid Item Description for Item No. 25. “This allowance item will be paid at Time and Materials basis for breaking solid rock encountered within the pipe trench which cannot be removed without use of hydraulic breaker. The allowance item will be limited to one excavator with hydraulic breaker attachment, one laborer, one operator and one crew truck for the duration of breaking operations. No other payments will be made as a result of solid rock being encountered in the trench. The contractor shall assume that some solid rock maybe encountered during the project and should include hydraulic breaking of the first 100 Linear Feet of rock in other items of work. Payment on “Allowance for Breaking Solid Rock with Hydraulic Breaker” will begin after the total cumulative Linear Feet of solid rock encountered in pipe trench exceeds 100 Linear Feet.”
5. Project Manual Volume 2 – Contract Drawings, Add Drawing “AD#1, Addendum-1”. This drawing includes, “Trench Location for Parallel Pipe Installation” and “Typical Bypass Piping Trench Detail”.

6. Section 00625-9 – “General Conditions”, Paragraph 4.03 – Reference Points. Add, “Survey by the Engineer will provide stationing only.

At locations indicated on the plans for “Remove and Replace in Existing Trench” the contractor shall excavate to remove the existing 14” Techite Main and place the new water main in the same excavated trench. Prior to excavating the Contractor shall periodically pothole to find the beginning of the existing 14” Techite Main, the Contractor will then trench following the existing alignment. The drawings show only the approximate location of the existing 14” Techite Main, the exact location is to be field confirmed.

The pipeline shall be placed parallel to the existing 14” Techite Pipeline where designated on plans as “Parallel Pipe in New Trench”. The location of the parallel trench shown on the plans is approximate, the pipeline shall follow roadway alignment as shown on drawing “AD#1, Addendum-1” of this addendum. The contractor shall mark saw cutting and trench locations on pavement prior to starting work. CCWD will review Contractors marks to confirm location is acceptable.”

**END**

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>UNIT</u>	<u>QTY</u>	<u>UNIT PRICE</u>	<u>BID PRICE</u>
17	DETAIL 1 / SHEET C14	LS	1	\$ _____	\$ _____
18	PRESSURE REG. STATION, SHEETS C11 & C12	LS	1	\$ _____	\$ _____
19	DETAIL 4 / SHEET C14	LS	1	\$ _____	\$ _____
20	DETAIL 5 / SHEET C14	LS	1	\$ _____	\$ _____
21	HOT MIX ASPHALTIC CONCRETE PAVING	TONS	500	\$ _____	\$ _____
22	MINOR CONCRETE & THRUST BLOCKING	CY	40	\$ _____	\$ _____
23	14" TECHITE / CELLULAR FOAM ABANDONMENT	CY	170	\$ _____	\$ _____
24*	TREE REMOVAL	LS	1	\$ _____	\$ _____
25*	ALLOWANCE FOR BREAKING SOLID ROCK WITH HYDRAULIC BREAKER	LS	1	\$ 15,000.00	\$ 15,000.00

**TOTAL BID AMOUNT ALL ITEMS (1 to 25)  
(NUMERICAL)**

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

**DOLLARS**

**TOTAL BID AMOUNT (WRITTEN)**

**ITEMS WITH (\*) ADDED PER ADDENDUM # 1. THESE ITEMS TO BE INCLUDED IN THE TOTAL BASE BID AMOUNT USED IN DETERMINATION OF LOW BID AND AWARD.**

**BID ITEM NO.23 – 14” TECHITE / CELLUAR FOAM ABONDONMENT**

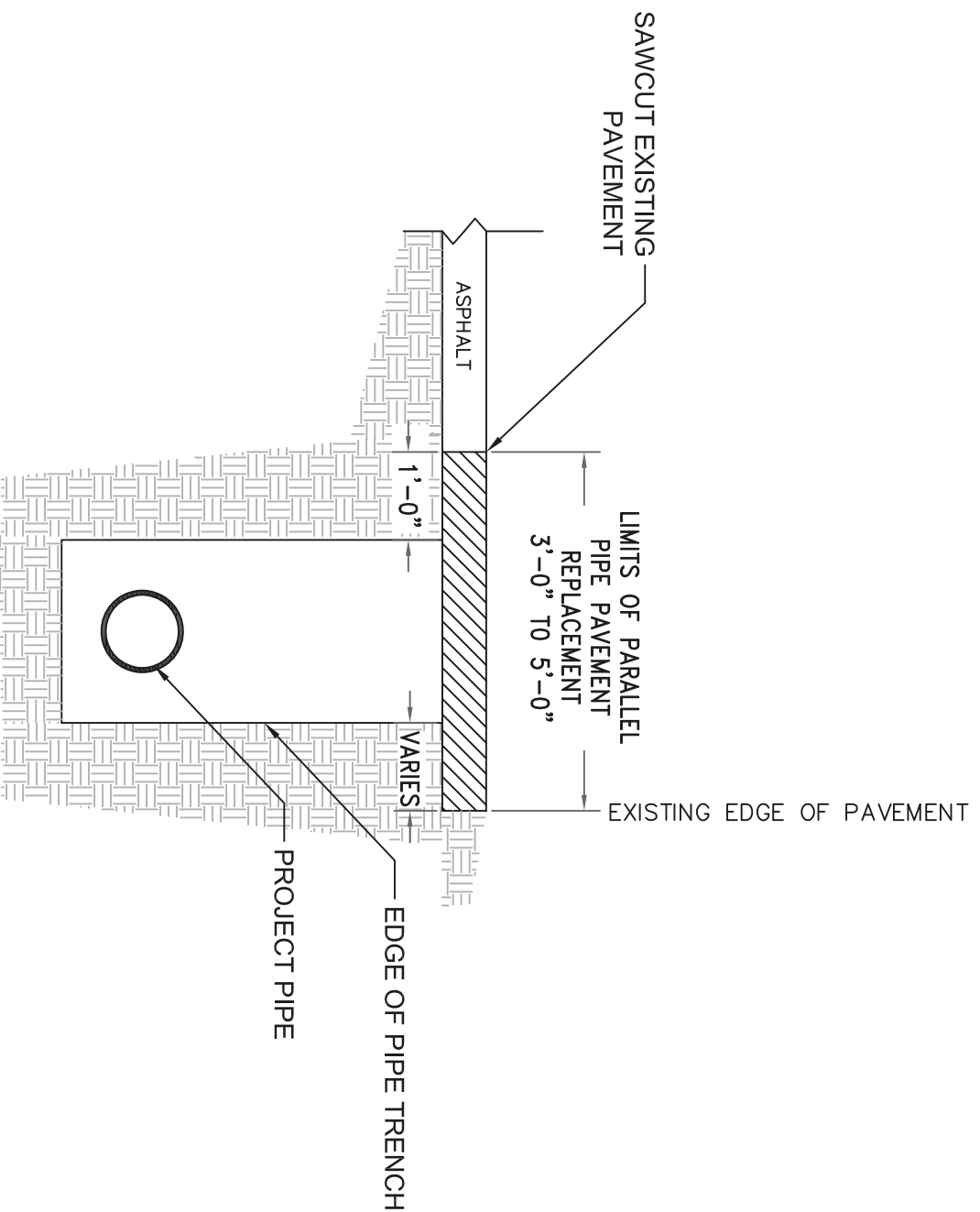
The remaining sections of 14” Techite line Section A1 from approximately STA 51+66 thru 69+00 and Section 1B from approximately STA 16+78 thru 41+36) are to be abandoned in place. The entire annual space of the inside of the 14” Techite pipeline is to be pressure grouted with a lightweight cellular concrete foam slurry. The total length of 14” Techite pipeline to be abandoned in place with cellular concrete fill is approximately 4,200 linear feet with an estimated annular volume of 170 cubic yards. This work shall be performed by a qualified subcontractor normally engaged in pipeline abandonments using cellular concrete foam fill. Payment shall be per cubic yard of cellular concrete as calculated on the job site. *(Note: For Bid Items No.22 and No.23, all concrete materials are to be sourced separately without any overlap among the two bid items).*

**BID ITEM NO.24 – TREE REMOVAL (ADDED PER ADDENDUM #1)**

The Contractor shall provide all labor, equipment and materials to remove trees and stumps identified for removal on plan sheets C-4 and C-5 along with other trees and shrubs that are 8-inch or less in diameter. All material shall be removed and disposed of offsite. The Contractor shall be coordinated with nearby residence by placing door tags at all homes at least seven days in advance of tree removal work. Contractor will be required to postpone tree removal work until the District obtains clearances from all property owners affected by tree removal.

**BID ITEM NO.25 – ALLOWANCE FOR BREAKING SOLID ROCK WITH HYDRAULIC BREAKER (ADDED PER ADDENDUM #1)**

This allowance item will be paid at Time and Materials basis for breaking solid rock encountered within the pipe trench which cannot be removed without use of hydraulic breaker. The allowance item will be limited to one excavator with hydraulic breaker attachment, one laborer, one operator and one crew truck for the duration of breaking operations. No other payments will be made as a result of solid rock being encountered in the trench. The contractor shall assume that some solid rock maybe encountered during the project and should include hydraulic breaking of the first 100 Linear Feet of rock in other items of work. Payment on “Allowance for Breaking Solid Rock with Hydraulic Breaker” will begin after the total cumulative Linear Feet of solid rock encountered in pipe trench exceeds 100 Linear Feet.

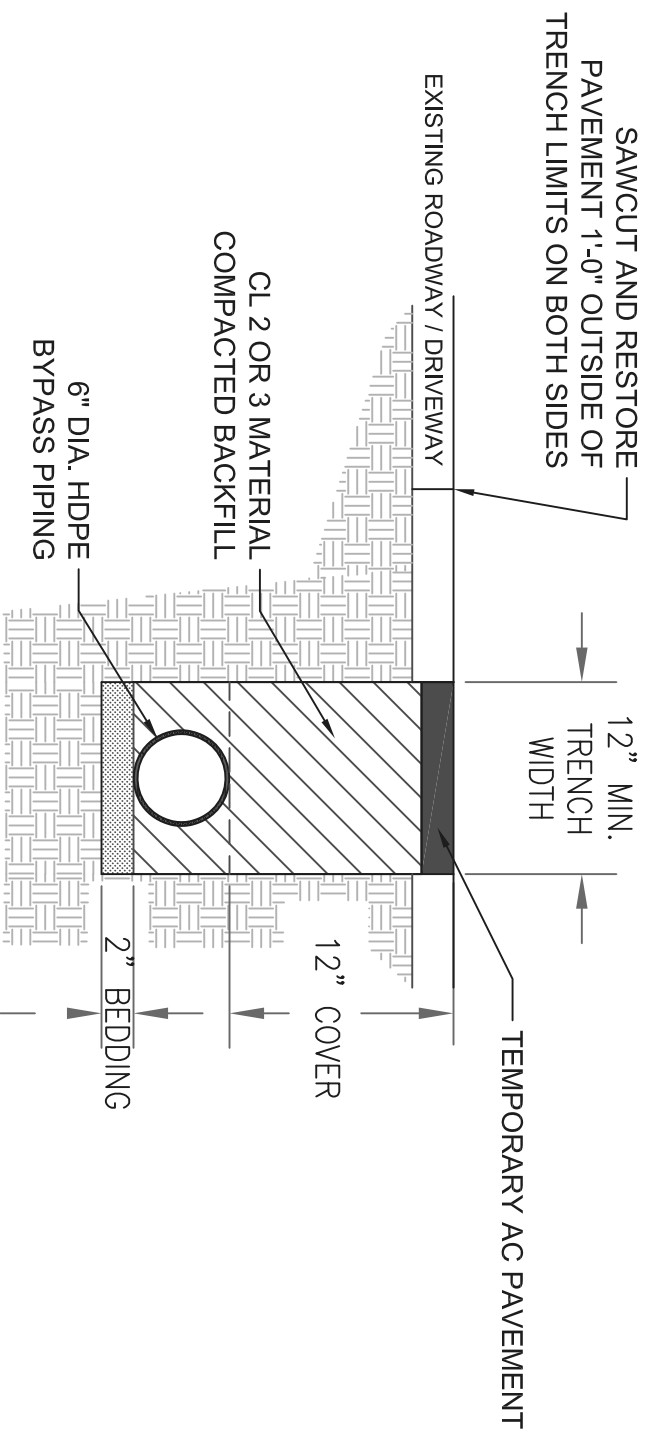


**TRENCH LOCATION FOR PARALLEL PIPE INSTALLATION**

N.T.S

**NOTES:**

1. THROUGH INTERSECTIONS PROJECT PIPE SHOULD BE PLACED AT OUTSIDE EDGE OF TRAFFIC LANE, BOTH SIDES OF TRENCH TO BE SAWCUT THROUGH INTERSECTIONS AND DRIVEWAYS.
2. 1'-0" BENCH UNDER ASPHALT "T-SECTION" REQUIRED ON TRAFFIC SIDE OF TRENCH.
3. PROJECT PIPE TO BE PLACED UNDER ASPHALT. ALONG RADIUS SECTIONS THE PIPELINE MAY ENCR OACH IN SHOULDER AT LOCATIONS ALLOWED BY CCWD DISTRICT ENGINEER.
4. SAWCUT LOCATIONS TO BE LAID OUT BY CONTRACTOR AND APPROVED BY CCWD INSPECTION PRIOR TO SAWCUTTING.



**TYPICAL BYPASS PIPING TRENCH DETAILS**

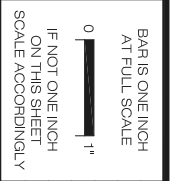
N.T.S

**NOTES:**

1. **TEMPORARY BYPASS PIPING AND TEMPORARY SERVICES MAYBE INSTALLED ABOVE GROUND IN MOST LOCATIONS EXCEPT ROADWAYS AND DRIVEWAYS.**
2. **TEMPORARY SERVICES LINES THROUGH ROADWAYS MAYBE PLACED IN NARROW TRENCH WITH 4 INCHS OF COVER.**
3. BYPASS PIPING TO BE BURIED AT ALL DRIVEWAY AND ROADWAY CROSSINGS.
4. ON COMPLETION OF TEMPORARY BYPASS, REMOVE PIPE AND RESTORE ROADWAYS AND DRIVEWAYS TO PRE-CONSTRUCTION CONDITION OR BETTER.



CALAVERAS COUNTY  
WATER DISTRICT  
120 TOMA COURT  
P.O. BOX 846  
SAN ANDREAS, CA 95249  
PHONE: (209) 754-3543  
FAX: (209) 754-1089



NO.	REVISIONS	APP	DATE

TECHITE WATER PIPELINE REPLACEMENT  
ADDENDUM - 1  
CALAVERAS COUNTY

DESIGNED UNDER THE DIRECTION OF:		SCALE
		N.T.S
		DRAWING NUMBER
		<b>AD # 1</b>
		SHEET NUMBER
		X OF XX SHEETS

DRAWN UNDER THE DIRECTION OF:		DATE
DESIGN:	X	DATE: X
DRAWN:	X	DATE: X
CHECKED:	X	DATE: X