

**Calaveras County Water District
Copper Cove, California
Bidding Documents
Lake Tulloch Intertie Project
ADDENDUM NO. 1
Issued June 24, 2026**

The Drawings and Project Manual including Specifications are modified as follows. Addendum No. 1 forms a part of the Contract Documents and modifies the original documents dated May 2026.

This Addendum consists of four (4) pages and three (3) attachments:

- Attachment A: Pre-Bid Meeting Sign-in Sheet
- Attachment B: Updated plan sheets
- Attachment C: Updated Bid Form

Bidder's Note: Bidder shall acknowledge receipt and examination of this addendum on the Bid form and attach a signed copy to the Bid, both as required by the Sealed Proposal.

Contract Documents – Specifications Change:

- 1) Revise Section 00 02 00: Instructions to Bidders, as follows:
7.01 All questions about the meaning or intent of the Bidding Documents are to be submitted to Engineer in writing. Interpretations or clarifications considered necessary by Engineer in response to such questions will be issued by Addenda mailed or delivered to all parties recorded by Engineer as having received the Bidding Documents. Questions received ~~less than five days prior to the date for opening of Bids~~ **after June 26, 2026 at 2pm** may not be answered. Only questions answered by Addenda will be binding. Oral and other interpretations or clarifications will be without legal effect.

- 2) Revise Section 01 33 00: Submittal Procedures, as follows:

A. The project team will use and maintain a web-based database as the primary means of communication related to the Project's correspondence, submittals, requests for information (RFIs), advisory notices, and non-compliance issues. Correspondence from the Contractor shall be sent to the Construction Manager via the District's web-based database.
1. The Contractor shall use CIPO Cloud to submit and process all RFIs, submittals, change requests, schedules, and progress payment applications electronically.

3) Replace Section 00 04 10: Bid Form with Bid Form provided in Attachment C

Responses to Bidder Questions:

Question #1: CCWD Trench Section Detail G05 as shown on C18 (Sheet 20), shows the minimum cover to be 36” below subgrade. Typical profile drawings throughout the plans indicate 36” Minimum Cover below existing grade, in most cases, this is to be below existing pavement. Please clarify which condition governs:

- 36 inches below subgrade, or
- 36 inches below existing grade (pavement)

Response #1: The installed pipe shall be 36-inches below finished grade per the profiles on project plan sheets which govern per Note 8 on the standard detail.

Question #2: Is there an engineer estimate for the total cost of the project?

Response #2: The engineer’s estimate is \$7,894,000.

Question #3: Is there a groundwater and rock clause in the specifications?

Response #3: Hard rock and shallow groundwater is expected to be encountered and should be considered in the bid pricing. For District projects, no extra payment will be given for rock excavation, regardless of the method used. It is assumed that rock will be encountered in the Foothills, and it is the responsibility of the Contractor to include those costs appropriately.

Question #4: Do the tonnage quantities on the bid schedule reflect pavement replacement in the sliver between the proposed trench and the edge of pavement?

Response #4: The tonnage quantities for pavement replacement within the sliver area between the proposed trench and the edge of pavement have been revised in the trench paving bid item. Please see updated Bid Form in Attachment C.

Question #5: Has potholing already been completed? Is potholing included in the bid schedule?

Response #5: Potholing was performed during design to identify potential utility conflicts. The potholing results can be found on Sheet G02 of the project plans. Please note, the Contractor is required to pothole all tie-in locations. Any additional potholing required will be paid under Bid Item No.1 – Mobilization/Demobilization.

Question #6: Is AC curb repair included in the tonnage shown on the bid schedule?

Response #6: The Contractor shall be responsible for replacing any AC curb damaged during construction. The applicable tonnage quantities are included in the trench paving bid item. Please see updated Bid Form in Attachment C.

Question #7: Will the full road width need to be microsurfaced?

Response #7: Microsurfacing will be required for the full width of the road within the County ROW. Conner Estates Drive and Sanguinetti Drive are outside of the County ROW and will only require trench paving.

Question #8: Will thermal plastic striping be required?

Response #8: Thermal plastic striping will be required for all pavement markings. This has been added as a separate bid item for clarity. Please see updated Bid Form in Attachment C.

Question #9: What are the working hours?

Response #9: Working hours for this Project shall be from 7:00 a.m. to 6:00 p.m. The Contractor shall not perform Work on holidays recognized by Calaveras County. Traffic control restrictions may also apply on the day before and/or the day after holiday weekends. Changeable message signs shall be provided as part of the traffic control requirements as per Note 8 on Sheet T01 of the project plans.

Question #10: What is the performance bond amount?

Response #10: Per Specification Section 01 14 00, 1.03, B, "As part of the process for obtaining the final Calaveras County Encroachment Permit, The Contractor is responsible for procuring the Calaveras County Performance Bond as described and required by the Calaveras County Encroachment Permit." The amount of the bond is based off a completed Restoration Estimate with the County which is estimated to total \$5,000,000.

Question #11: Where are the staging/spoils sites?

Response #11: Per Sheet C01 of the project plans, a staging area is provided on the Copper Cover Water Treatment Plant (WTP) site. The Contractor is responsible for any additional staging area(s)/spoils sites. Access and material deliveries to the WTP staging area shall be coordinated with District staff.

Question #12: Will the ductile iron pipe require cathodic protection?

Response #12: Cathodic protection shall be provided by V-Bio Enhanced Polyethylene Encasement; no supplemental cathodic protection system is required.

Question #13: Is tracer wire required if it's ductile iron pipe?

Response #13: Yes, tracer wire is required per Detail 3, Sheet C18.

Question #14: On plan sheet C21 (see attached) and in the bid item descriptions there is a reference to a flow meter required at the PRV station. However, there is nothing shown on the pipe schematic or the items description table on the right-hand side of this sheet showing this meter. Please clarify.

Response #14: Provide and install two (2) XP2F-CV35 Cla-Val battery-powered flow meters: one on the main PRV and one on the bypass PRV, in accordance with Specification Section 33 14 19.02, 2.01.F.1.

Question #15: Just confirming that this opportunity is indeed a Bid and not an "RFP" (Request for Proposal), as advertised for this solicitation. If this solicitation is requesting for proposals, can the District please upload a copy of the RFP for consultants to review?

Response #15: This solicitation is for a Bid, not an RFP. The deadline for questions is 6/26 at 2pm. Bidders can register on Public Purchase if they want to be added to the Plan Holders list.

Question #16: Can storm drains be cut and coupled back together where water main is below the culvert?

Response #16: Storm drains shall not be cut and coupled. The Contractor shall protect all storm drain facilities in place during construction. Where the proposed water pipe crosses beneath an existing storm drain pipe or culvert, slurry backfill shall be placed between the proposed water pipe and the existing facility.

Question #17: The Project Specifications require all fittings and joints be restrained, will concrete kickers also be required?

Response #17: Yes. Thrust blocks are required at existing pipeline to new pipeline tie-in connections.

Question #18: What are the trench backfill requirements?

Response #18: All backfill must be Class 2 Aggregate Base, compacted to 95% per Calaveras County Trench Restoration Detail.

Question #19: Where are pavement striping and markings paid for?

Response #19: Pavement striping and markings have been separated from Bid Item No. 5 – Roadway Pavement Replacement (Trench), and inserted into the Bid Schedule as Bid Item No. 7 – Pavement Striping and Markings. Please see updated Bid Form in Attachment C.

By: _____
Kevin Williams
District Engineer, Calaveras County Water District

ACKNOWLEDGMENT BY BIDDER,

By: _____

Title: _____




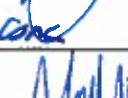

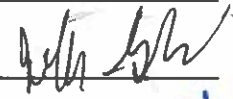


(NOTE – Bidders are hereby advised that they also need to sign their acknowledgement of this Addendum on their Bid Schedule.)

-END OF ADDENDUM NO. 1

ATTACHMENT A

Calaveras County Water District
 Lake Tulloch Intertie Project

Pre-Bid Meeting
 Sign-In Sheet
 Date: June 15, 2026

	<u>Printed Name</u>	<u>Company</u>	<u>Phone Number</u>	<u>E-mail</u>	<u>Signature / Initials</u>
1	Farzed Rahmany	Steve P. Rados	(916) 805-6615	ncbids@rados.com	
2	Lee Moyle	Moyle Excavation	209-984-4268	irl@moyleexcavation.com	
3	Brian Jewell	Mountain Cascade Inc	925 373 8370	estimating@mountaincascade.com	
4	GENE ROSE	Mountain Cascade	925-373-8370	GENE@MOUNTAINCASCADE.COM	
5	Matt Roberts	Garney	925 800 1848	gpiestimating@garney.com	
6	Ryan Palacios	SMCE	209-928-1900	estimating@sierramfract	RJP
7	MICHAEL SCHOOLES	FORD CONSTRUCTION		EST@FORD-CONSTRUCTION.COM	MS
8	ANUP, FNU	RANGER PIPELINES	415-822-3700	estimating@rangerpipelines.com	
9	Jeff GRAHAM	MOZINGO	209 896 6489	jgraham@mozingoconstruction.com	
10	JONATHAN YOUNG	P.A. Wood Inc.	(209) 491 4970	estimating@dawoodinc.com	
11	Irl Barajas	Moyle Excavation	209-984-4268	irl@moyleexcavation.com	
12					
13					

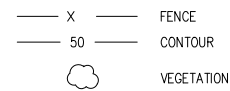
ATTACHMENT B

P:\CCWD\Copper Cove Water System Improvements\05 Drawings\5.1 CAD\Lake Tulloch Intertie\Tulloch Intertie.dwg 6--22--26 09:50:49 AM cazevedo

ABBREVIATIONS

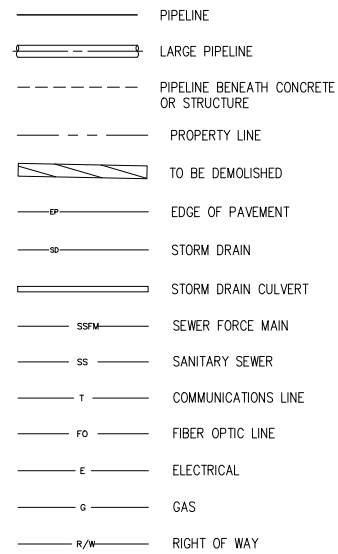
AC	ASPHALT CONCRETE	MAX	MAXIMUM
AWWA	AMERICAN WATER WORKS ASSOCIATION	MIN	MINIMUM
ARV	AIR RELEASE VALVE	MJ	MECHANICAL JOINT
		MPH	MILES PER HOUR
CA-MUTCD	CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES	(N)	NEW
CCWD	CALAVERAS COUNTY WATER DISTRICT	N	NORTH, NORTHING
CF	CUBIC FOOT	N/A	NOT APPLICABLE
CLSM	CONTROLLED LOW-STRENGTH MATERIAL	NO	NUMBER
CMS	CHANGEABLE MESSAGE SIGN	NTS	NOT TO SCALE
CONC	CONCRETE		
CY	CUBIC YARD		
DIA, Ø	DIAMETER	OH	OVERHEAD LINE
DIP	DUCTILE IRON PIPE	PRV	PRESSURE REDUCING VALVE
DWG	DRAWING	PSF	POUNDS PER SQUARE FOOT
		PSI	POUNDS PER SQUARE INCH
E	EAST, EASTING, ELECTRICAL	PVC	POLYVINYL CHLORIDE
(E)	EXISTING	R	RADIUS
EG	EXISTING GRADE	R/W	RIGHT OF WAY
EL	ELEVATION	SF	SQUARE FEET
EP	EDGE OF PAVEMENT	SQFT	SQUARE FEET
EA	EACH	SS	SANITARY SEWER
		SSFM	SANITARY SEWER FORCE MAIN
FLG	FLANGE	STA	STATION
FO	FIBER OPTIC	SD	STORM DRAIN
FT	FEET	T	TELECOM
		TYP	TYPICAL
G	GAS	VAR	VARIUS
GPM	GALLONS PER MINUTE	VERT	VERTICAL
GV	GATE VALVE	W	WATER, WEST, WIDTH
		WTP	WATER TREATMENT PLANT
HORIZ	HORIZONTAL		
HT	HEIGHT		
I.D.	IDENTIFICATION		
IE	INVERT ELEVATION		
IN,"	INCH		
L	LENGTH		
LF	LINEAR FOOT		

SITE PLAN LINE TYPE



NOTES:

1. UTILITIES THAT ARE SUSPENDED ABOVE GRADE ARE DESIGNATED BY THE PREFIX "OH".



GENERAL SYMBOLOGY

PLAN

(SCALE AS NOTED)

ARROW INDICATES DIRECTION OF PLAN NORTH

INDICATES SECTION I.D. NUMBER

SECTION

3/8"=1'-0"

INDICATES SHEET WHERE SECTION WAS CUT (-) INDICATES SECTION FOUND ON SAME SHEET

INDICATES DETAIL I.D. NUMBER

DETAIL

3"=1'-0"

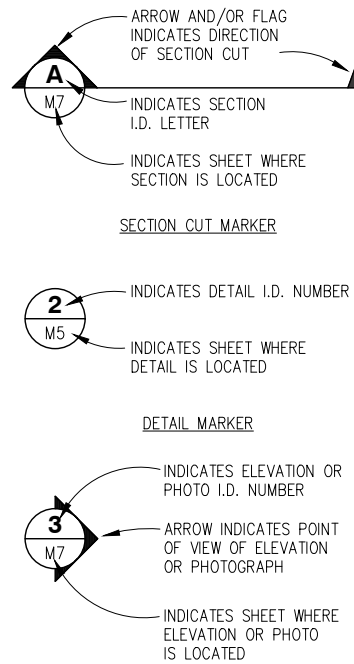
INDICATES SHEET WHERE DETAIL APPLIES (-) INDICATES DETAIL FOUND ON SAME SHEET

INDICATES ELEVATION OR PHOTO I.D. NUMBER

ELEVATION (OR PHOTO)

3"=1'-0"

INDICATES SHEET WHERE POINT OF VIEW MARKER CAN BE FOUND (-) INDICATES MARKER TO BE FOUND ON SAME SHT



DESIGN CRITERIA

PROPOSED WATER MAIN

DIAMETER	12 IN
APPROXIMATE LENGTH	12,700 FT
MATERIAL	DUCTILE IRON
CLASS	350
TEST PRESSURE	200 PSI

POTHOLE INFORMATION

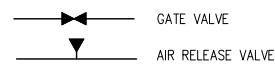
No	STATION	UTILITY TYPE	UTILITY SIZE	DEPTH TO TOP	NORTHING	EASTING
1.	100+00	WATER MAIN	8" DI TEE	2.95	6535459.8643	2153516.4961
2.	105+00	PHONE LINE	NONE FOUND	N/A	6535967.3547	2153546.2616
3.	105+00	FIBER OPTIC	NONE FOUND	N/A	6535969.6811	2153543.0069
4.	125+75	PHONE LINE	N/A	HOLE NOT EXPLORED		
5.	170+25	PHONE LINE	NONE FOUND	N/A	6533846.1142	2159429.9365
6.	201+65	PHONE LINE	2-3" PVC 1" DIRECT BURY	2.30	6532165.3606	2162006.8763
7.	204+40	SEWER PHONE LINE	2-3" PVC 1" DIRECT BURY	3.30 3.70	6532000.8956	2162238.8315
8.	208+10	SEWER PHONE LINE	2-3" PVC 1" DIRECT BURY	3.30 3.60	6531812.2870	2162546.5503
9.	212+93	WATER MAIN	12" C900	2.00	6531683.3841	2163031.2856
10.	400+00	WATER MAIN	12" FLANGE	4.30	6534275.6496	2155145.5473
11.	412+95	SEWER FM	6" C900	3.70	6535354.9247	2154548.0034
12.	413+19	PHONE LINE	NONE FOUND	N/A	6535369.3513	2154556.9862
12a.	413+19	PHONE LINE	NONE FOUND	N/A	6535364.8014	2154565.6362

GENERAL NOTES

- THESE ABBREVIATIONS APPLY TO THE ENTIRE SET OF CONTRACT DRAWINGS.
- LISTING OF ABBREVIATIONS DOES NOT IMPLY ALL ABBREVIATIONS ARE USED IN THE CONTRACT DRAWINGS.
- ABBREVIATIONS SHOWN ON THIS DRAWING INCLUDE VARIATIONS OF THE WORD. FOR EXAMPLE, "W" MAY MEAN WATER OR WEST.
- SCREENING OR SHADING OF WORK IS USED TO INDICATE EXISTING COMPONENTS TO HIGHLIGHT SELECTED TRADE WORK. REFER TO CONTEXT OF EACH DRAWING FOR USAGE.
- WATER MAINS SHALL BE INSTALLED WITH A MINIMUM 36 INCHES OF COVER.
- ALL JOINTS AND FITTINGS FOR WATER MAINS MUST BE FULLY RESTRAINED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR POTHOLING EXISTING UTILITIES PRIOR TO INSTALLATION OF NEW WATER MAINS AND APPURTENANCES. PRIOR TO PROCEEDING WITH TIE-INS TO EXISTING WATER MAINS, CONTRACTOR SHALL LOCATE EXISTING UTILITIES TO CONFIRM REQUIRED SEPARATION DISTANCES ARE ACHIEVABLE.
- WATER MAINS SHALL MAINTAIN MINIMUM HORIZONTAL SEPARATION OF 4 FEET AND 10 FEET FROM STORM DRAINS AND SEWER MAINS, RESPECTIVELY. A MINIMUM OF 1 FOOT VERTICAL SEPARATION SHALL BE MAINTAINED ABOVE AND BELOW ALL STORM DRAIN AND SEWER MAIN CROSSINGS. A FULL STICK OF WATER PIPE SHALL BE CENTERED UNDER ALL STORM DRAIN AND SEWER MAIN CROSSINGS UTILIZING MECHANICAL JOINTS, WITH CROSSINGS AT ANGLES NO LESS THAN 45 DEGREES.
- PAVEMENT RESTORATION SHALL BE DETERMINED BY CALAVERAS COUNTY DEPARTMENT OF PUBLIC WORKS.
- NO ABOVE GROUND EQUIPMENT SHALL BE INSTALLED IN THE ROADSIDE DRAINAGE OR BETWEEN THE ROADSIDE DRAINAGE AND THE EXISTING PAVEMENT.
- PERMITTEE SHALL BE RESPONSIBLE FOR REPAIRING ALL DELETERIOUS EFFECTS ON THE COUNTY ROAD SYSTEM AS A RESULT OF THIS PROJECT.

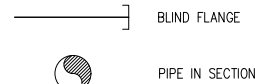
SITE PLAN SYMBOLOGY

VALVES

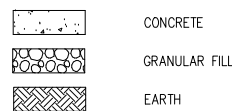


BL	BOLLARD
EPB	ELECTRICAL PULLBOX
FH	FIRE HYDRANT
GA	GUY ANCHOR
IC	IRRIGATION CONTROLLER
MB	MAILBOX
PP	POWER POLE
PPR	POWER POLE WITH RISER
SC	SEWER CLEANOUT
SM	SEWER MANHOLE
S	SIGN
SL	STREET LIGHT
TB	TELEPHONE BOX
TR	TELEPHONE RISER
TV	TELEPHONE VAULT
TN	TREE AS NOTED
WM	WATER METER
WV	WATER VALVE

MISCELLANEOUS



MATERIALS IN PLAN/SECTION



BID SET

REV	DATE	BY	DESCRIPTION
1	6/22/26	ADA	ADDENDUM 1

SCALE:	AS NOTED	WARNING:	0 1/2 1
DATE:	MAY 2026	IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.	

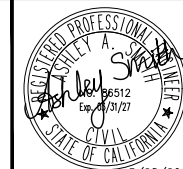
DESIGNED:	AAS
DRAWN:	LAH/DG
CHECKED:	KBB



120 TOMA COURT,
SAN ANDREAS, CALIFORNIA 95249
PHONE (209) 754-3543



80 Blue Ravine Rd. Suite 280
Folsom, CA 95630



PH. 916-608-2212

5/28/2026

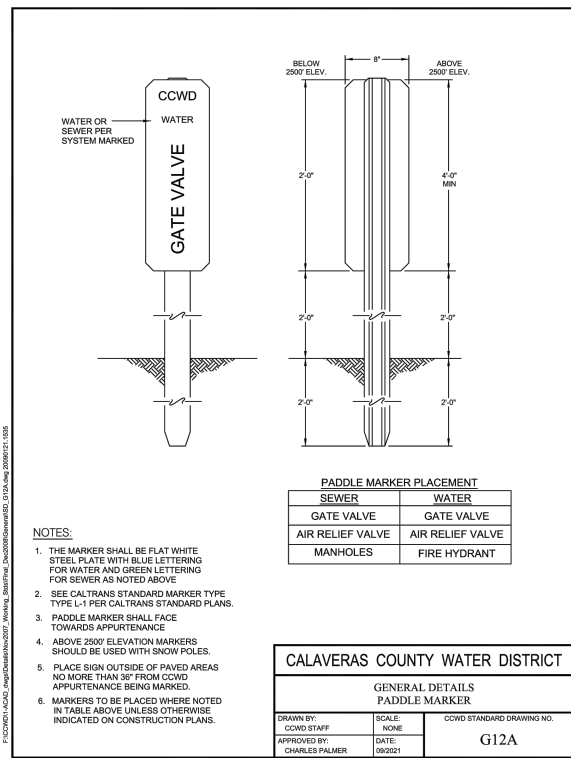
COPPER COVE WATER SYSTEM IMPROVEMENTS PROJECT -
LAKE TULLOCH INTER-TIE

ABBREVIATIONS, SYMBOLS, GENERAL NOTES,
& DESIGN CRITERIA

FIGURE

G02

SHEET 2 OF 29



- NOTES:**
1. THE MARKER SHALL BE FLAT WHITE STEEL PLATE WITH BLUE LETTERING FOR WATER AND GREEN LETTERING FOR SEWER AS NOTED ABOVE.
 2. SEE CALTRANS STANDARD MARKER TYPE L-1 PER CALTRANS STANDARD PLANS.
 3. PADDLE MARKER SHALL FACE TOWARDS APPURTENANCE.
 4. ABOVE 2500' ELEVATION MARKERS SHOULD BE USED WITH SNOW POLES.
 5. PLACE SIGN OUTSIDE OF PAVED AREAS NO MORE THAN 3" FROM CCWD APPURTENANCE BEING MARKED.
 6. MARKERS TO BE PLACED WHERE NOTED IN TABLE ABOVE UNLESS OTHERWISE INDICATED ON CONSTRUCTION PLANS.

CALAVERAS COUNTY WATER DISTRICT

GENERAL DETAILS
PADDLE MARKER

SCALE: NONE
DATE: 09/20/21
CCWD STANDARD DRAWING NO. G12A

PADDLE MARKER 1
NTS

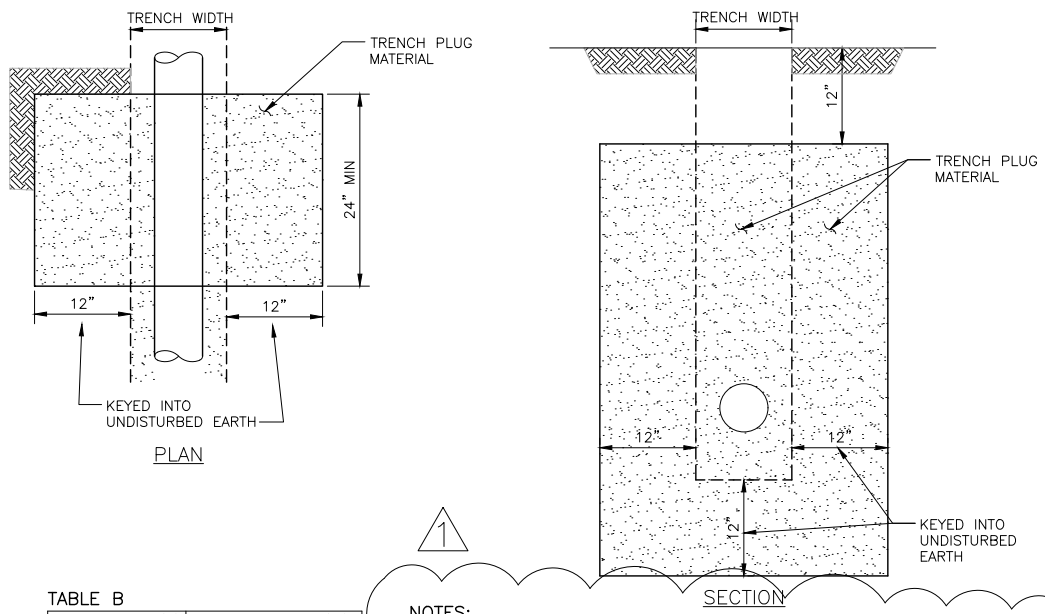
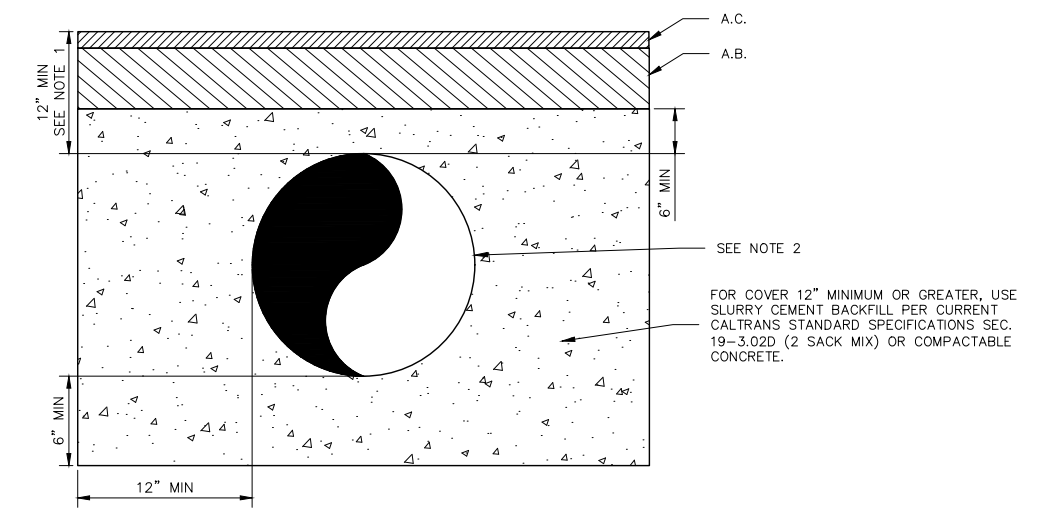


TABLE B

TRENCH SLOPE (%)	MAXIMUM SPACING (FT)
< 5	1,000
5 - 15	500
15 - 25	300
25 - 35	200
35 - 100	100
> 100	50

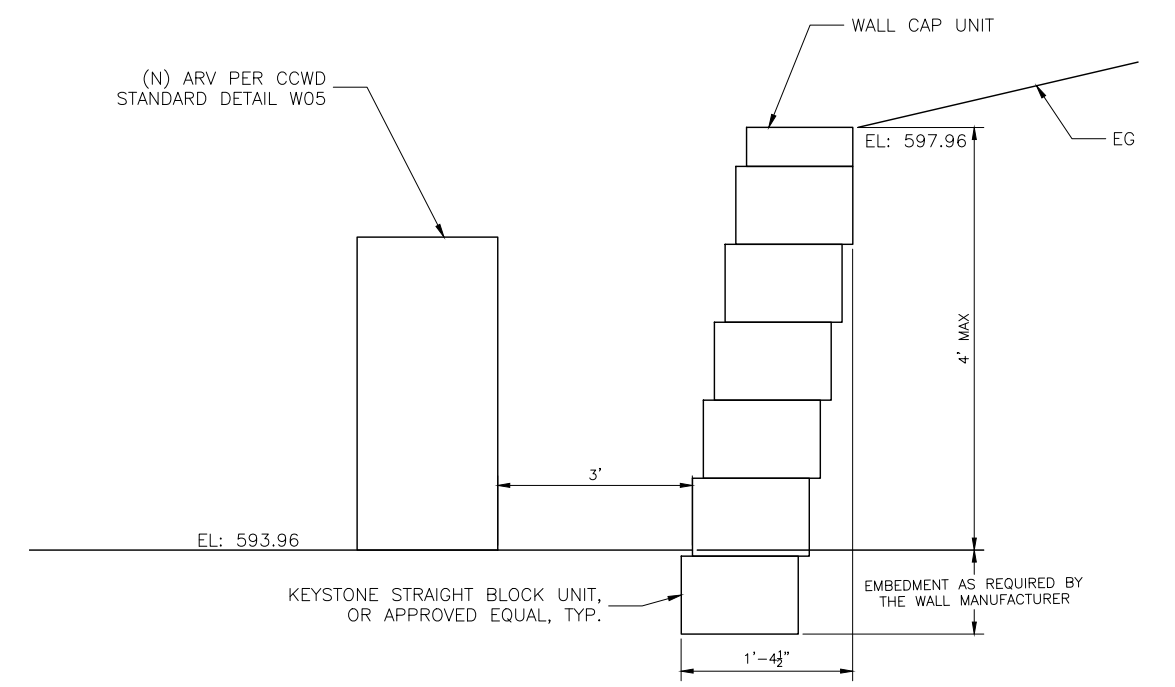
- NOTES:**
1. TRENCH PLUG MATERIAL SHALL BE 2 SACK SAND SLURRY.
 2. ALL MATERIAL TO BE APPROVED BY ENGINEER PRIOR TO PLACING.
 3. EXTENDS 1 FOOT BELOW BEDDING UNLESS ROCK IS ENCOUNTERED.
 4. INSTALL TRENCH PLUGS TO A DEPTH OF 1.5 FEET BELOW FINISHED GRADE OR 2 FEET ABOVE THE PIPE, WHICHEVER IS LESS.
 5. INSTALL TRENCH PLUGS ACCORDING TO SPACING SPECIFICATIONS IN TABLE B.

TRENCH PLUG DETAIL 3
NTS



- NOTES:**
1. PROVIDE MINIMUM COVER SUCH THAT FULL DESIGN A.C. LAYER PROVIDED AND AT LEAST 0.20 FT. OF A.B. TO ALLOW FOR GROUNDWATER FLOW OVER PIPE (i.e. TO PREVENT HYDROSTATIC PRESSURE BUILD-UP UNDER PAVEMENT).
 2. IF CONCRETE BONDING TO PIPE IS A CONCERN, WRAP ENTIRE PIPE WITH MINIMUM 10 MIL PLASTIC TO PREVENT BONDING.
 3. CONCRETE ENCASEMENT SHALL NOT BE ALLOWED WITHIN 5' OF A FLEX JOINT IN A SEWER PIPELINE.

CONCRETE ENCASEMENT FOR PIPES 2
NTS



KEYSTONE RETAINING WALL SECTION 4
NTS

P:\CCWD\Copper Cove Water System Improvements\05 Drawings\5.1 CAD\Lake Tulloch InterTie\Tulloch InterTie (2023) - Details.dwg 6-22-26 10:31:39 AM cazevedo

REV	DATE	BY	DESCRIPTION
1	6/22/26	ADA	ADDENDUM 1

SCALE: 0 1/2 1

WARNING: IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

DESIGNED: AAS
DRAWN: LAH/DG
CHECKED: KBB

DATE: MAY 2026

CALAVERAS COUNTY WATER DISTRICT

120 TOMA COURT,
SAN ANDREAS, CALIFORNIA 95249
PHONE (209) 754-3543

verdantas

80 Blue Ravine Rd. Suite 280
Folsom, CA 95630
PH. 916-608-2212

PROFESSIONAL ENGINEER
STATE OF CALIFORNIA
5/28/2026

COPPER COVE WATER SYSTEM IMPROVEMENTS PROJECT - LAKE TULLOCH INTER-TIE

STANDARD DETAILS III

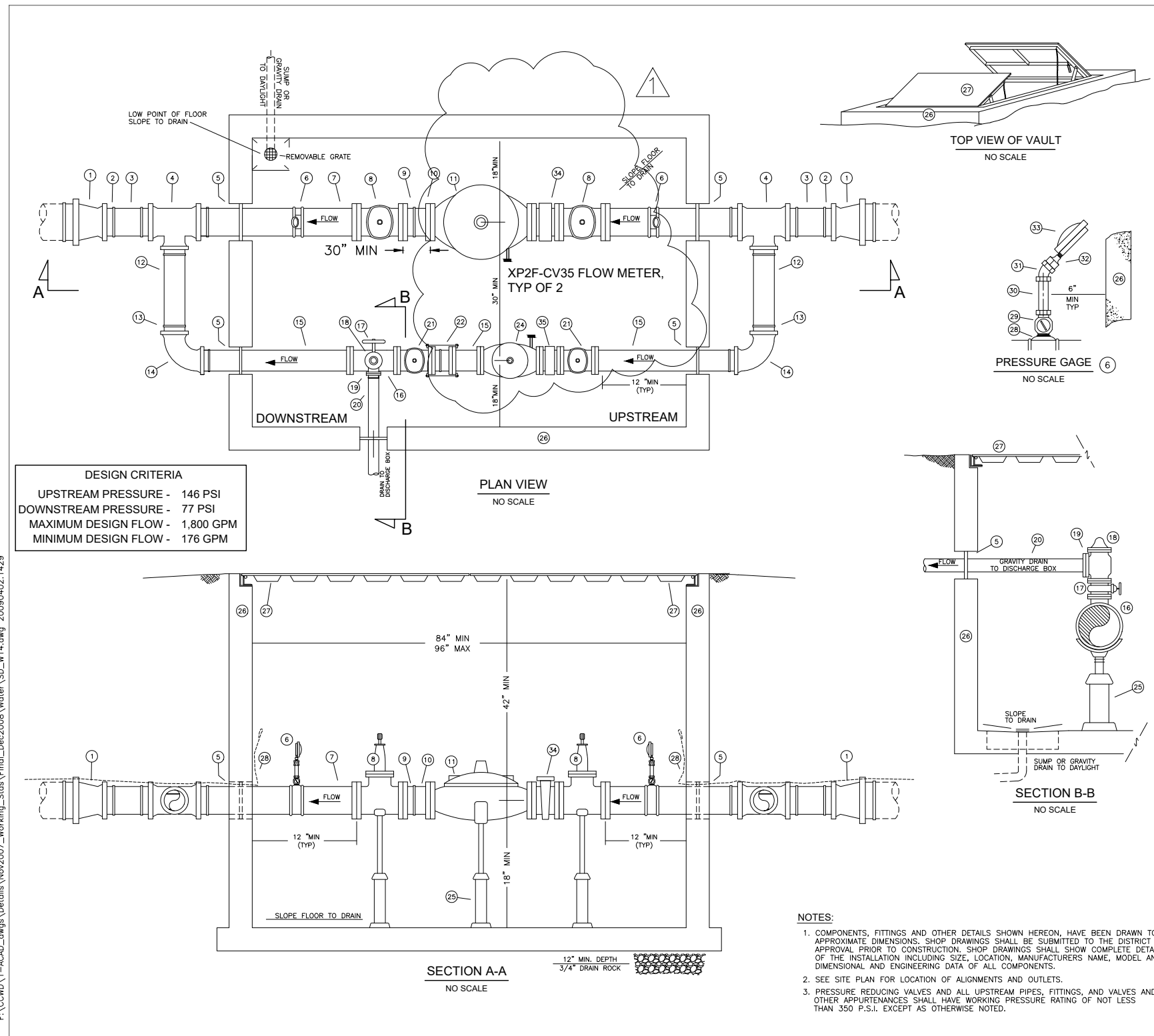
BID SET

FIGURE
C20

SHEET 22 OF 29

P:\COWD\Copper Cove Water System Improvements\05 Drawings\5.1 CAD\Lake Tulloch Intertie\Tulloch Intertie (2023) - Details.dwg 6-22-26 04:21:16 PM aazevedo

F:\COWD\1-ACAD_dwg\Details\Nov2007_Working_Stat\Final_Dec2008\Water\SD_W14.dwg 20090402.1429



DESIGN CRITERIA
 UPSTREAM PRESSURE - 146 PSI
 DOWNSTREAM PRESSURE - 77 PSI
 MAXIMUM DESIGN FLOW - 1,800 GPM
 MINIMUM DESIGN FLOW - 176 GPM

ITEM	DESCRIPTION
1	12" x 8" DUCTILE IRON REDUCER, MJ X MJ (IF REQUIRED)
2	MECHANICAL RESTRAIN GLAND (ROMAC GRIP RING, 350-PSI)
3	8" D.I.P. SPOOL, PLAIN ENDS
4	8" X 8" X 4" DUCTILE IRON TEE, MJ X MJ
5	CORE DRILL OR FORMED HOLES; FILL ANNULAR VOID WITH NON-SHRINK CONSTRUCTION GROUT, SAKRETE, SIKAGROUT, FIVE STAR, OR EQUAL
6	SADDLE, CORP STOP, PRESSURE GAGE ASSEMBLY (SEE DETAIL THIS SHEET)
7	8" D.I.P. SPOOL, FLANGE X PLAIN END, THICKNESS CLASS 53
8	8" AWWA C515 GATE VALVE, FL X FL, AWWA NUT OPERATORS, 350-PSI WORKING PRESSURE RATED, (MUELLER 350 A-2361)
9	8" RESTRAINED FLANGE ADAPTOR (EBAA 2100 MEGAFLANGE, 350-PSI)
10	8" D.I.P. SPOOL CLASS 250 FLANGED END x PLAIN END
11	8" PRESSURE REDUCING VALVE, FL x FL (CLASS 300), CLA-VAL SERIES 90
12	4" D.I.P. SPOOL, PLAIN ENDS
13	MECHANICAL RESTRAINT GLAND (ROMAC GRIP RING, 350-PSI)
14	4" 90-DEGREE BEND, MJ X MJ
15	4" D.I.P. SPOOL, FLANGE X PLAIN ENDS, THICKNESS CLASS 53
16	4" X 4" X 2" DUCTILE IRON TEE, FLANGED ENDS
17	2" AWWA C515, GATE VALVE, FLANGE, 250-PSI UL/FM RATED WORKING PRESSURE, 375-PSI SEAT TEST, 500-PSI SHELL TEST, HANDWHEEL OPERATOR
18	2" PRESSURE RELIEF VALVE, FL X FL (CLASS 150), CLA-VAL SERIES 50
19	2" CLASS 150, ANSI B16.5, THREADED FLANGE, EPOXY COATED
20	2" SCH 40 STEEL PIPE, EXPOSED PIPE IN VAULT EPOXY PAINTED, PRIOR TO INSTALLING WRAP BURIED PIPE WITH CHASE TAPECOAT TR-GREEN OR EQUAL
21	4" AWWA C515 GATE VALVE, FL X FL, AWWA NUT OPERATOR, 350-PSI WORKING PRESSURE RATED (MUELLER 350 A-2361)
22	4" DISMANTLING JOINT, FL X FL (AWWA CLASS E), ROMAC DJ400 (275-PSI)
23	4" D.I.P. SPOOL, CLASS 250 FLANGED END x FLANGED END
24	4" PRESSURE REDUCING VALVE, FL X FL (CLASS 300), CLA-VAL SERIES 90
25	PIPE SUPPORT, HOT DIP GALVANIZED, PLACER WATERWORKS (PWIPS) WITH STANDARD (PWSDL-S) AND EXTRA LARGE (PWSDL-X) SADDLES
26	PRECAST CONCRETE VAULT, MINIMUM 6'-0" I.D. X 8'-0" I.D., H20 TRAFFIC
27	MINIMUM 72"x84" DOUBLE LEAF HATCH, HOT DIP GALVANIZED, 1/4" STEEL Z-BAR FRAME, 1/4" STEEL DIAMOND PLATE, STAINLESS STEEL HARDWARE AND SAFETY ARMS, TORSION ASSIST, FOUR 1/2" SECURITY BOLTS, H20 TRAFFIC RATED (OFF STREET AND H25 TRAFFIC RATED (ON STREET) LOCATIONS.
28	SERVICE SADDLE (MUELLER DR2, NYLON DUCTILE IRON, DOUBLE STRAP)
29	3/4" CORP. STOP BALL VALVE (MUELLER 300-PSI, F.I.P. OUTLET, AWWA C800)
30	3/4" THREADED PIPE NIPPLE (RED BRASS ASTM B43, SCHEDULE 40)
31	3/4" 45-DEGREE BRASS COUPLING, LEAD FREE, CLASS 250 (MINIMUM)
32	BRASS REDUCER BUSHING, 3/4" MALE TO 1/4" FEMALE NPT REDUCING BUSHINGS (SWAGelok 12-RE-4 OR EQUAL)
33	BOURDON TUBE PRES. GAGES (WKA TYPE 213.53DW, LIQUID FILLED), DOWNSTREAM 0-300 PSI / UPSTREAM 0-400 PSI SCALE
34	8" CLA-VAL MODEL X43H STRAINER
35	4" CLA-VAL MODEL X43H STRAINER

- NOTES:**
- COMPONENTS, FITTINGS AND OTHER DETAILS SHOWN HEREON, HAVE BEEN DRAWN TO APPROXIMATE DIMENSIONS. SHOP DRAWINGS SHALL BE SUBMITTED TO THE DISTRICT FOR APPROVAL PRIOR TO CONSTRUCTION. SHOP DRAWINGS SHALL SHOW COMPLETE DETAILS OF THE INSTALLATION INCLUDING SIZE, LOCATION, MANUFACTURERS NAME, MODEL AND DIMENSIONAL AND ENGINEERING DATA OF ALL COMPONENTS.
 - SEE SITE PLAN FOR LOCATION OF ALIGNMENTS AND OUTLETS.
 - PRESSURE REDUCING VALVES AND ALL UPSTREAM PIPES, FITTINGS, AND VALVES AND OTHER APPURTENANCES SHALL HAVE WORKING PRESSURE RATING OF NOT LESS THAN 350 P.S.I. EXCEPT AS OTHERWISE NOTED.

DETAIL HAS BEEN MODIFIED TO SHOW TOP OF VAULT FLUSH WITH PAVEMENT AND REVISED BYPASS LINE.

CALAVERAS COUNTY WATER DISTRICT

PRESSURE REDUCING STATION
8" MAIN / 4" X 2" BYPASS (PRESSURE CLASS 250/350)

DRAWN BY: CCWD STAFF	SCALE: NONE	CCWD STANDARD DRAWING NO. W13
APPROVED: CHARLES PALMER	DATE: 09/2021	

PRESSURE REDUCING STATION **1**
 NTS C04

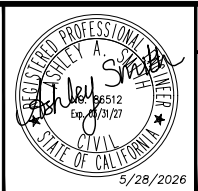
REV	DATE	BY	DESCRIPTION
1	6/22/26	ADA	ADDENDUM 1

SCALE:

WARNING: IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

DATE: MAY 2026

DESIGNED: AAS
 DRAWN: LAH/DG
 CHECKED: KBB

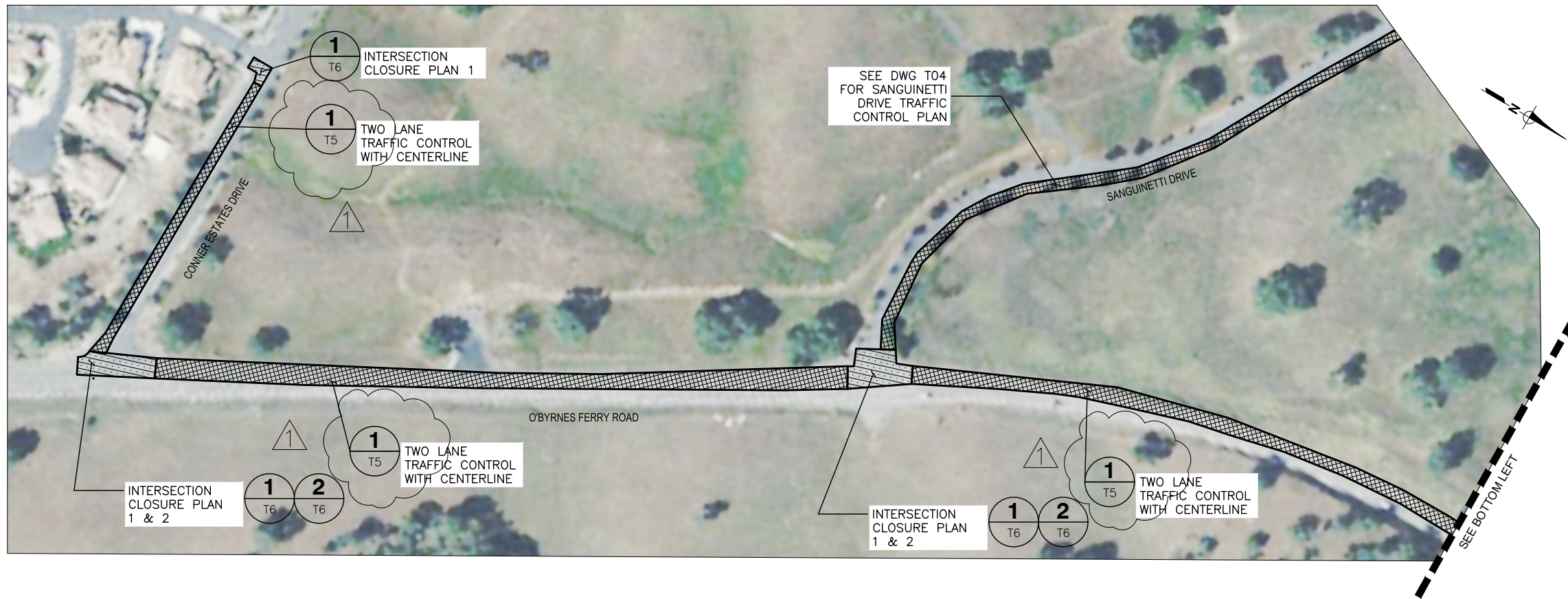


COPPER COVE WATER SYSTEM IMPROVEMENTS PROJECT -
 LAKE TULLOCH INTER-TIE

STANDARD DETAILS IV

BID SET
 FIGURE
C21
 SHEET 23 OF 29

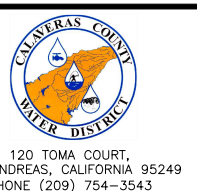
P:\CCWD\Copper Cove Water System Improvements\05 Drawings\5.1 CAD\Lake Tulloch Intertie\Tulloch Intertie (2023) - Traffic Control.dwg 6-22-26 10:07:54 AM oazevedo



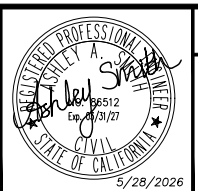
REV	DATE	BY	DESCRIPTION
1	6/22/26	ADA	ADDENDUM 1

SCALE: _____
 WARNING: _____
 DATE: MAY 2026
 IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

DESIGNED: AAS
 DRAWN: LAH/DG
 CHECKED: KBB



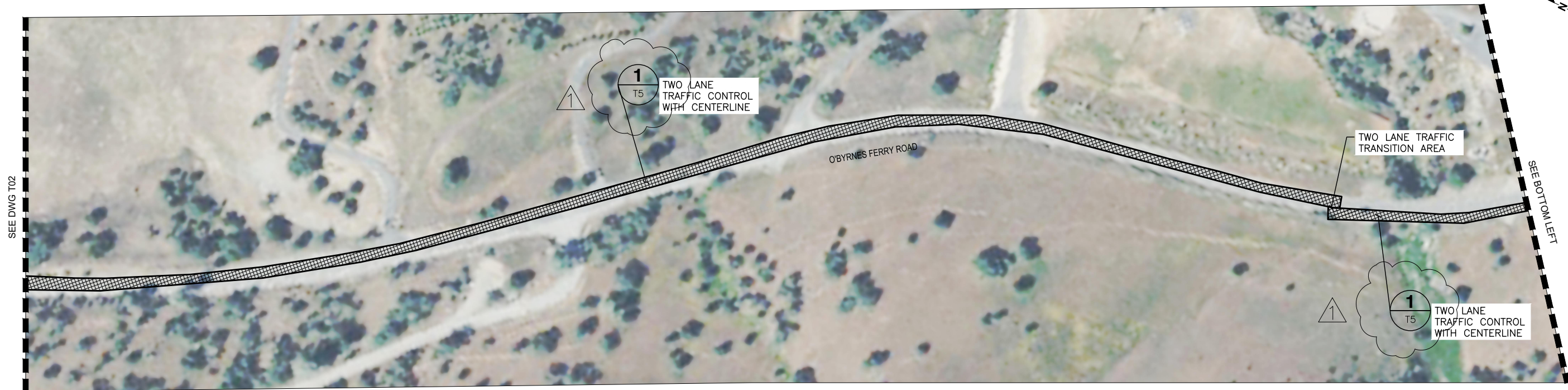
verdantas
 120 TOMA COURT,
 SAN ANDREAS, CALIFORNIA 95249
 PHONE (209) 754-3543
 80 Blue Ravine Rd. Suite 280
 Folsom, CA 95630
 PH. 916-608-2212



COPPER COVE WATER SYSTEM IMPROVEMENTS PROJECT - LAKE TULLOCH INTER-TIE
 TRAFFIC CONTROL INDEX I

BID SET
 FIGURE
T02
 SHEET 24 OF 29

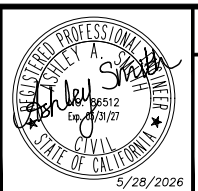
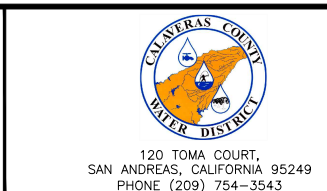
P:\COWD\Copper Cove Water System Improvements\05 Drawings\5.1 CAD\Lake Tulloch InterTie\Tulloch InterTie (2023) - Traffic Control.dwg 6-22-26 10:08:54 AM oazevedo



REV	DATE	BY	DESCRIPTION
1	6/22/26	ADA	ADDENDUM 1

SCALE: _____
 WARNING
 0 1/2 1
 DATE: MAY 2026
 IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.

DESIGNED: AAS
 DRAWN: LAH/DG
 CHECKED: KBB



COPPER COVE WATER SYSTEM IMPROVEMENTS PROJECT - LAKE TULLOCH INTER-TIE

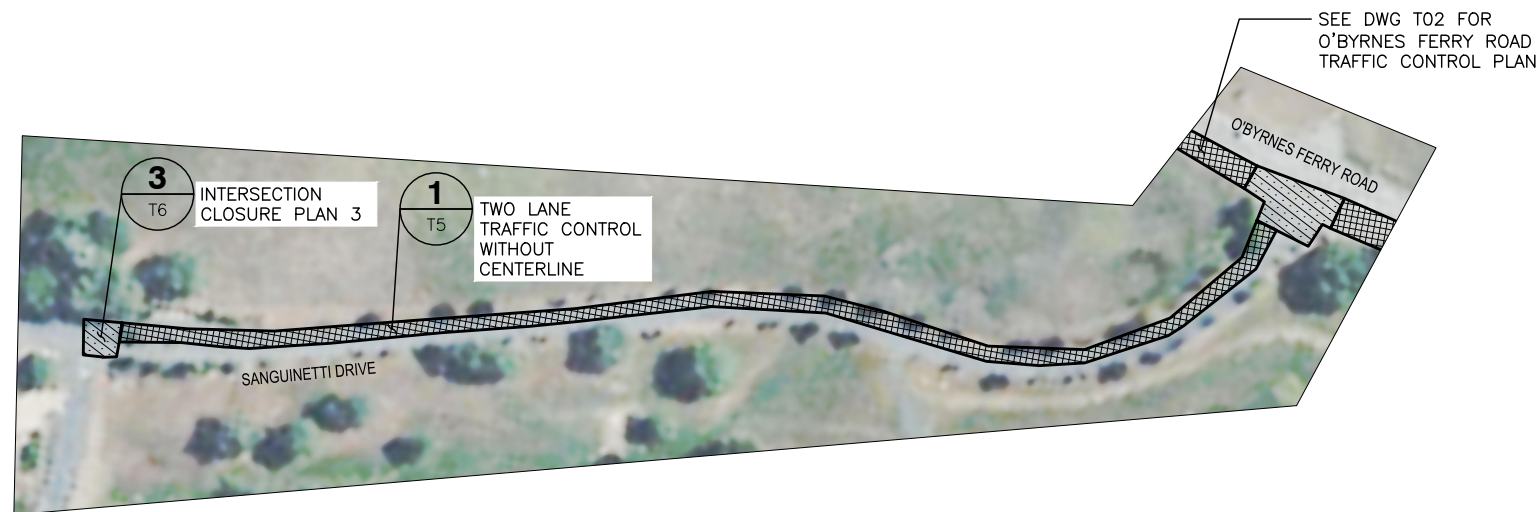
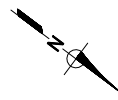
TRAFFIC CONTROL INDEX II

BID SET

FIGURE
T03

SHEET 25 OF 29

F:\COWD\Copper Cove Water System Improvements\05 Drawings\5.1 CAD\Lake Tulloch Intertie\Lulloch Intertie (2023) - Traffic Control.dwg 6-22-26 10:09:20 AM oazevedo



BID SET

REV	DATE	BY	DESCRIPTION
1	6/22/26	ADA	ADDENDUM 1

SCALE:	WARNING
DATE:	<p>IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.</p>
MAY 2026	

DESIGNED	AAS
DRAWN	LAH/DG
CHECKED	KBB

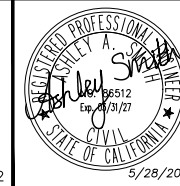


120 TOMA COURT,
SAN ANDREAS, CALIFORNIA 95249
PHONE (209) 754-3543

verdantas

80 Blue Ravine Rd. Suite 280
Folsom, CA 95630

PH. 916-608-2212



COPPER COVE WATER SYSTEM IMPROVEMENTS PROJECT -
LAKE TULLOCH INTER-TIE

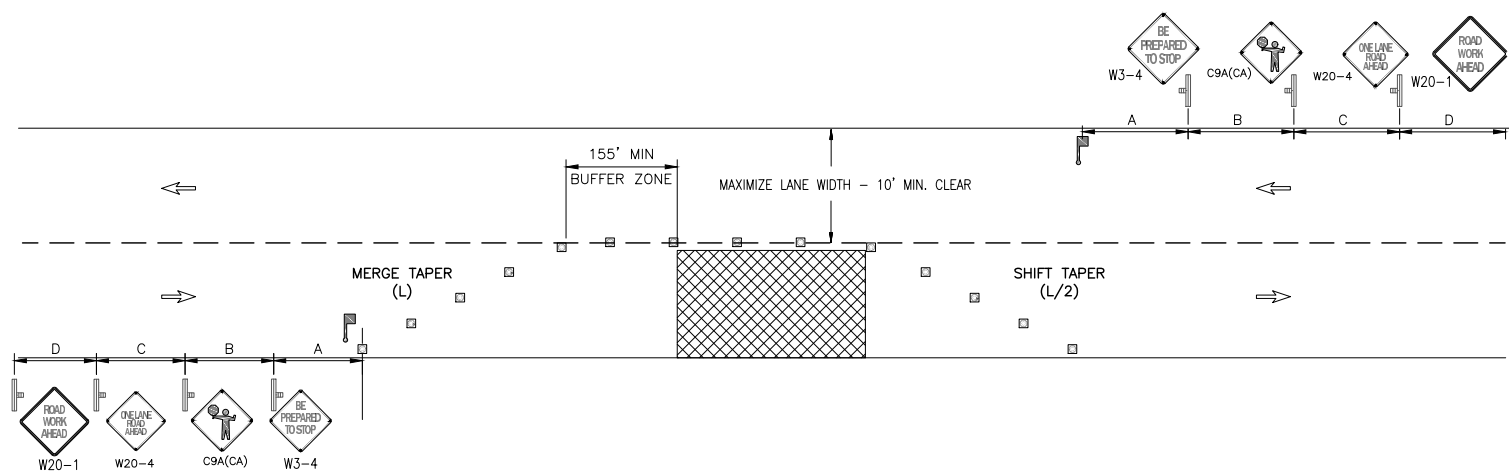
TRAFFIC CONTROL INDEX III

FIGURE

T04

SHEET 26 OF 29

NOTE:
FULL ROAD CLOSURES ARE NOT
PERMITTED AT ANY TIME.



TWO LANE TRAFFIC CONTROL WITH OR WITHOUT CENTER LINE 1
SCALE: NTS VAR

P:\CCWD\Copper Cove Water System Improvements\05 Drawings\5.1 CAD\Lake Tulloch Intertie\Tulloch Intertie (2023) - Traffic Control.dwg 6-22-26 10:10:08 AM oazzevedo

BID SET

REV	DATE	BY	DESCRIPTION
1	6/22/26	ADA	ADDENDUM 1

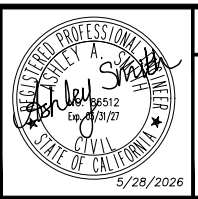
SCALE:	WARNING
DATE:	IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING IS NOT TO SCALE.
MAY 2026	

DESIGNED	AAS
DRAWN	LAH/DG
CHECKED	KBB



verdantas

80 Blue Ravine Rd. Suite 280
Folsom, CA 95630
PH. 916-608-2212



COPPER COVE WATER SYSTEM IMPROVEMENTS PROJECT - LAKE TULLOCH INTER-TIE

TYPICAL TWO LANE CLOSURE AND ROAD CLOSURE PLANS

FIGURE
T05
SHEET 27 OF 29

ATTACHMENT C

**SECTION 00 04 10
BID FORM**

TABLE OF ARTICLES

- Article 1 - Bid Recipient
- Article 2 - Bidder's Acknowledgments
- Article 3 - Bidder's Representations
- Article 4 - Bidder's Certification
- Article 5 - Basis of Bid
- Article 6 - Time of Completion
- Article 7 - Attachments to Bid
- Article 8 - Defined Terms
- Article 9 - Bid Submittal
- Bid Schedule
- Descriptions of Bid Items

ARTICLE 1- BID RECIPIENT

- 1.01 **This Bid is submitted to: Calaveras County Water District at the main office located at 120 Toma Court, San Andreas, California 95249, no later than 2pm local time, July 9th, 2026.**
- 1.02 The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into an Agreement with Owner in the form included in the Bidding Documents to perform all Work as specified or indicated in the Bidding Documents for the prices and within the times indicated in this Bid and in accordance with the other terms and conditions of the Bidding Documents.

ARTICLE 2- BIDDER'S ACKNOWLEDGEMENTS

- 2.01 Bidder accepts all of the terms and conditions of the Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for 90 days after the Bid opening, or for such longer period of time that Bidder may agree to in writing upon request of Owner.

ARTICLE 3- BIDDER'S REPRESENTATIONS

- 3.01 In submitting this Bid, Bidder represents that:
 - A. Bidder has examined and carefully studied the Bidding Documents, the other related data identified in the Bidding Documents, and the following Addenda, receipt of which is hereby acknowledged.

Addendum No.	Addendum Date
_____	_____
_____	_____
_____	_____
_____	_____

- B. Bidder has visited the Site and become familiar with and is satisfied as to the general, local and Site conditions that may affect cost, progress, and performance of the Work.
- C. Bidder is familiar with and is satisfied as to all Federal, State and local Laws and Regulations that may affect cost, progress and performance of the Work.

- D. Bidder has carefully studied all: (1) reports of explorations and tests of subsurface conditions at or contiguous to the Site and all drawings of physical conditions in or relating to existing surface or subsurface structures at or contiguous to the Site (except Underground Facilities) which have been identified in SC-4.02, and (2) reports and drawings of Hazardous Environmental Conditions, if any, at the Site that have been identified in SC-4.06 as containing reliable “technical data.”
- E. Bidder has considered the information known to Bidder; information commonly known to contractors doing business in the locality of the Site; information and observations obtained from visits to the Site; the Bidding Documents; and the Site-related reports and drawings identified in the Bidding Documents, with respect to the effect of such information, observations, and documents on (1) the cost, progress, and performance of the Work; (2) the means, methods, techniques, sequences, and procedures of construction to be employed by Bidder, including applying the specific means, methods, techniques, sequences, and procedures of construction expressly required by the Bidding Documents; and (3) Bidder’s safety precautions and programs.
- F. Based on the information and observations referred to in Paragraph 3.01.E above, Bidder does not consider that any further examinations, explorations, tests, studies, or data are necessary for the determination of this Bid for performance of the Work at the price(s) bid and within the times and in accordance with the other terms and conditions of the Bidding Documents.
- G. Bidder is aware of the general nature of the Work to be performed by Owner and others at the Site that relates to the Work as indicated in the Bidding Documents.
- H. Bidder has given Engineer written notice of all conflicts, errors, ambiguities, or discrepancies that Bidder has discovered in the Bidding Documents, and the written resolution thereof by Engineer is acceptable to Bidder.
- I. The Bidding Documents are generally sufficient to indicate and convey understanding of all terms and conditions for the performance of the Work for which this Bid is submitted.
- J. Bidder will submit written evidence of its authority to do business in the State or other jurisdiction where the Project is located not later than the date of its execution of the Agreement.

ARTICLE 4- BIDDER’S CERTIFICATION

4.01 Bidder further represents that:

- A. This Bid is genuine and not made in the interest of or on behalf of any undisclosed individual or entity and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation;
- B. Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid;
- C. Bidder has not solicited or induced any individual or entity to refrain from bidding; and
- D. Bidder has not engaged in corrupt, fraudulent, collusive, or coercive practices in competing for the Contract. For the purposes of this Paragraph 4.01.D:
 - 1. “Corrupt practice” means the offering, giving, receiving, or soliciting of anything of value likely to influence the action of a public official in the bidding process.
 - 2. “fraudulent practice” means an intentional misrepresentation of facts made to (a) to influence the bidding process to the detriment of Owner, (b) to establish bid prices at artificial non-competitive levels, or (c) to deprive Owner of the benefits of free and open competition;

3. “collusive practice” means a scheme or arrangement between two or more Bidders, with or without the knowledge of Owner, a purpose of which is to establish bid prices at artificial, non-competitive levels; and
4. “coercive practice” means harming or threatening to harm, directly or indirectly, persons or their property to influence their participation in the bidding process or affect the execution of the Contract.

ARTICLE 5- BASIS OF BID

- 5.01 Bidder will complete the Work in accordance with the Contract Documents for the price(s) provided in the attached bid schedule (at the end of this section).
- 5.02 Unit Prices have been computed in accordance with Paragraph 11.03.B of the General Conditions
- 5.03 Bidder acknowledges that estimated quantities are not guaranteed, and are solely for the purpose of comparison of Bids, and final payment for all Unit Price Bid items will be based on actual quantities, determined as provided in the Contract Documents.
- 5.04 Bid Prices are for work that has been furnished and installed by the Contractor and is fully completed. The bid items as described and provided are for bidding and payment purposes and do not in any way limit the Contractor’s responsibility to perform all work that may be reasonably inferred from the plans, specifications and other bid documents to produce the intended result.
- 5.05 All specified cash allowances are included in the price(s) set forth above and have been computed in accordance with Paragraph 11.02 of the General Conditions.
- 5.06 If “additive” or “deductive” Bid Items are included in the Bid- clearly identify the method for applying the alternates and the basis for award of the contract.

ARTICLE 6- TIME OF COMPLETION

- 6.01 Bidder agrees that the Work will be substantially complete and will be completed and ready for final payment in accordance with Paragraph 14.07 of the General Conditions on or before the dates or within the number of calendar days indicated in the Agreement.
- 6.02 Bidder accepts the provisions of the Agreement as to liquidated damages.

ARTICLE 7- ATTACHMENTS TO THIS BID

- 7.01 The following documents are attached to and made a condition of this Bid:
 - A. Non-Collusion Affidavit (**Section 00420**);
 - B. Required Bid security in the form of a Bid Bond (**Section 00430**) or Certified Check;
 - C. List of Subcontractors (**Section 00470**);

ARTICLE 8- DEFINED TERMS

- 8.01 The terms used in this Bid with initial capital letters have the meanings stated in the Instructions to Bidders (Section 00200), General Conditions (Section 00700 and Supplementary Conditions (Section 00800).

ARTICLE 9- BID SUBMITTAL

9.01 This Bid is submitted by: _____

Bidder's Business address: _____

Phone: _____ Facsimile: _____

Submitted on _____, _____.

State Contractor License No. _____

DIR Registration No. _____

Employer's Tax ID No. _____

If Bidder is:

An Individual

Name (typed or printed): _____

By: _____
(Individual's signature)

Doing business as: _____

A Partnership

Partnership Name: _____ (SEAL)

By: _____
(Signature of general partner – attach evidence of authority to sign)

Name (typed or printed): _____

A Corporation

Corporation Name: _____ (SEAL)

State of Incorporation: _____

Type (General Business, Professional, Service, Limited Liability): _____

By: _____
(Signature – attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Attest: _____
(Signature of Corporate Secretary)

Date of Qualification to do business is ____ \ ____ \ ____.

A Joint Venture

Name of Joint Venturer: _____

First Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of first joint venture partner – attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

Second Joint Venturer Name: _____ (SEAL)

By: _____
(Signature of second joint venture partner – attach evidence of authority to sign)

Name (typed or printed): _____

Title: _____

(Each joint venturer must sign. The manner of signing for each individual, partnership, and corporation that is a party to the joint venture should be in the manner indicated above.)

BID SCHEDULE

ITEM	DESCRIPTION	UNIT	QTY	UNIT PRICE	BID PRICE
1	Mobilization/Demobilization	LS	1	\$	\$
2	Worker Protection and Safety/Shoring	LS	1	\$	\$
3	Implementation of SWPPP	LS	1	\$	\$
4	Traffic Control	LS	1	\$	\$
5	Roadway Pavement Replacement (Trench)	TON	2,610	\$	\$
6	Microsurfacing (Full Road Width)	SF	430,400	\$	\$
7	Pavement Striping and Markings	LS	1	\$	\$
8	12" Ductile Iron Pipe (Includes Excavation & Backfill)	LF	12,700	\$	\$
9	12" Gate Valves	EA	30	\$	\$
10	Fire Hydrants	EA	16	\$	\$
11	Air/Vac Valves	EA	6	\$	\$
12	Pressure Reducing Station	LS	1	\$	\$

**TOTAL BID AMOUNT ALL ITEMS (1 to 12)
(NUMERICAL)**

\$

DOLLARS

TOTAL BID AMOUNT (WRITTEN)

DESCRIPTIONS OF BID ITEMS

Note: Bid items listed herein for bidding and payment purposes do not limit Contractor's responsibility to perform all work required under this contract, on drawings, in specifications, or reasonably inferred or interpreted to be necessary to complete the work. All bid items will have 5% retention in the progress payment held for final payment.

BID ITEM NO. 1 – MOBILIZATION / DEMOBILIZATION

1. The work under this bid item shall include all contract administration, project mobilization, site development activities and demobilization as required to conduct and complete the Work, as identified in the Contract Documents. The total amount shall not exceed five percent (5%) of Total Base Bid Price as provided in the Bid Schedule. Item shall include, but not be limited to, the following:
 - a. Insurance premiums, bonds, permitting fees, security fencing, utilities, potholing and other facilities at the jobsite, Contractor's overhead, and costs inclusive of administering the Contract, management and quality control procedures, and coordination as required to construct and complete the Project.
 - b. Supply, transportation, and/or movement of personnel, equipment, supplies and incidentals to the work site. Equipment and major materials listed in Contractor's proposal shall be staged on site in the types and quantities shown. Additional shipments of material or transportation of equipment, if required, shall be approved in writing by District in advance.
 - c. Cleaning of equipment prior to mobilizing to the jobsite.
 - d. Identification and protection of existing facilities/utilities.
 - e. Site preparation of construction zone, vehicle/visitor parking, staging, laydown, and stockpile areas.
 - f. All project demobilization, site cleanup, and removal of personnel, equipment, materials, supplies, temporary facilities, site delineators, and construction waste from the jobsite to satisfy the requirements of 01 70 00 - Execution and Closeout Requirements and other applicable elements of the Contract Documents.
2. Work will be paid for on a lump sum basis. Contractor may apply for payment for up to one-third of the total lump sum amount with the Contractor's first application for payment and after completion of the Contractor's pre-construction obligations. Contractor may apply for payment for the remaining lump sum amount on a project percent complete basis.

BID ITEM NO. 2 – WORKER PROTECTION AND SAFETY/SHORING

1. The lump sum amount shall include detailed plan for worker safety and maintaining safety during construction complying with Labor Code Sections 6700-6708, all applicable safety orders and permits and protective equipment necessary for the protection and safety of all workers, other persons, equipment and facilities during the construction period as specified in the Contract Documents.
2. Contractor may apply for payment for this Bid Item on a percent complete basis as the items covered in Worker Protection and Safety/Shoring are being completed.

BID ITEM NO. 3 – IMPLEMENTATION OF STORM WATER POLLUTION PREVENTION PLAN

1. The lump sum amount shall include a Contractor provided Storm Water Pollution Prevention Plan (SWPPP) including installation of Best Management Practices (BMP's) for erosion control, spill control, and monitoring as required by the law.
2. Contractor may apply for payment for this Bid Item on a percent complete basis as the items covered in Implementation of SWPPP are being completed.

BID ITEM NO. 4 – TRAFFIC CONTROL

1. The work under this bid item shall include all temporary traffic control measures, devices, flaggers, and any other costs associated with the traffic control plan covered in the Drawings and Contract Specifications.
2. Work will be paid for on a percent complete basis as items performed are being completed.

BID ITEM NO. 5 – ROADWAY PAVEMENT REPLACEMENT (TRENCH)

1. The work under this bid item shall include all pavement restoration including compaction, material processing and importing, aggregate base and crushed rock bases, asphaltic concrete paving, and restoration of asphalt concrete curbs associated with replacing pavement in the roadway per Calaveras County Specifications. For bidding purposes, the pavement section shall be assumed to be 6 inches thick.
2. This item shall be paid in accordance with the actual tonnage that is delivered and installed. The unit price shall be full compensation per ton installed for the preparation and installation of these materials, and for all labor, equipment, tools, and incidentals to complete this item.

BID ITEM NO.6 – MICROSURFACING (FULL ROAD WIDTH)

1. The work under this bid item shall include the microsurfacing for the full width of the road associated with replacing pavement in the roadway per Calaveras County Specifications.
2. Work will be paid for on a square foot basis. The unit price shall be full compensation per square footage complete for the preparation and implementation or submittal of these materials and requirements, and for furnishing and installing all labor, equipment, materials, tools, and incidentals to complete this item.

BID ITEM NO.7 – PAVEMENT STRIPING AND MARKINGS

1. The work under this bid item shall include all pavement striping and markings, including removal of existing striping and markings, layout, and installation of new striping and pavement markings in accordance with the plans and Calaveras County Specifications.
2. This item shall be paid for on a lump sum basis. The lump sum price shall be full compensation for all labor, materials, equipment, tools, and incidentals required to complete this item.

BID ITEM NO.8 – 12” CLASS 350 DUCTILE IRON PIPE (INCLUDES EXCAVATION & BACKFILL)

1. The work under this bid item shall include furnishing and installing 12,700 LF of 12” Class 350 Ductile Iron Pipe including all restrained 12” fittings, joints, taps, tracer wire, excavation, trenching, backfill and compaction and ties to the existing system as shown and specified in the Contract Documents.
2. Work will be paid for on a linear foot basis. The unit price shall be full compensation per linear footage complete for the preparation and implementation or submittal of these materials and requirements, and for furnishing and installing all labor, equipment, materials, tools, and incidentals to complete this item.

BID ITEM NO.9 – 12” GATE VALVES

1. The work under this bid item shall include the furnishing and installation of 12” gate valves as shown on the Contract Documents.
2. Work will be paid for by each gate valve installed.

BID ITEM NO.10 – FIRE HYDRANTS

1. The work under this bid item shall include furnishing and installation of fire hydrants including all valves, taps, joints, fittings, excavation, trenching, backfill and compaction as shown on the Contract Documents. This bid item shall also include the hauling and disposal of removed items.
2. Work will be paid for by each fire hydrant installed.

BID ITEM NO.11 – AIR/VAC VALVES

1. The work under this bid item shall include furnishing and installation of combination air and vacuum valves including all enclosures, valves, taps, joints, fittings, slurry if applicable, excavation, trenching, backfill and compaction as shown on the Contract Documents.
2. Work will be paid for by each combination air and vacuum valve installed.

BID ITEM NO.12 – PRESSURE REDUCING STATION

1. The work under this bid item shall include the furnishing and installation of a preassembled pressure-reducing station by a single manufacturer specializing in engineered piping systems, including the precast vault and hatch and all associated piping, appurtenances, and accessories, as shown on the Contract Documents, including but not limited to all spool pieces, fittings, pressure reducing valves, isolation valves, pressure gauges, flow meters, flow controls, Y strainer, and pipe supports.
2. Work will be paid for on a lump sum basis. The lump sum price shall be full compensation per percent complete for the preparation and implementation of these materials and requirements, and for furnishing and installing all labor, equipment, materials, tools, and incidentals to complete this item.