CITY OF PLACERVILLE, CALIFORNIA
ENGINEERING DEPARTMENT

PROJECT PLANS FOR:

PLACERVILLE DRIVE BRIDGE REPLACEMENT

100% SUBMITTAL - 11/14/2025

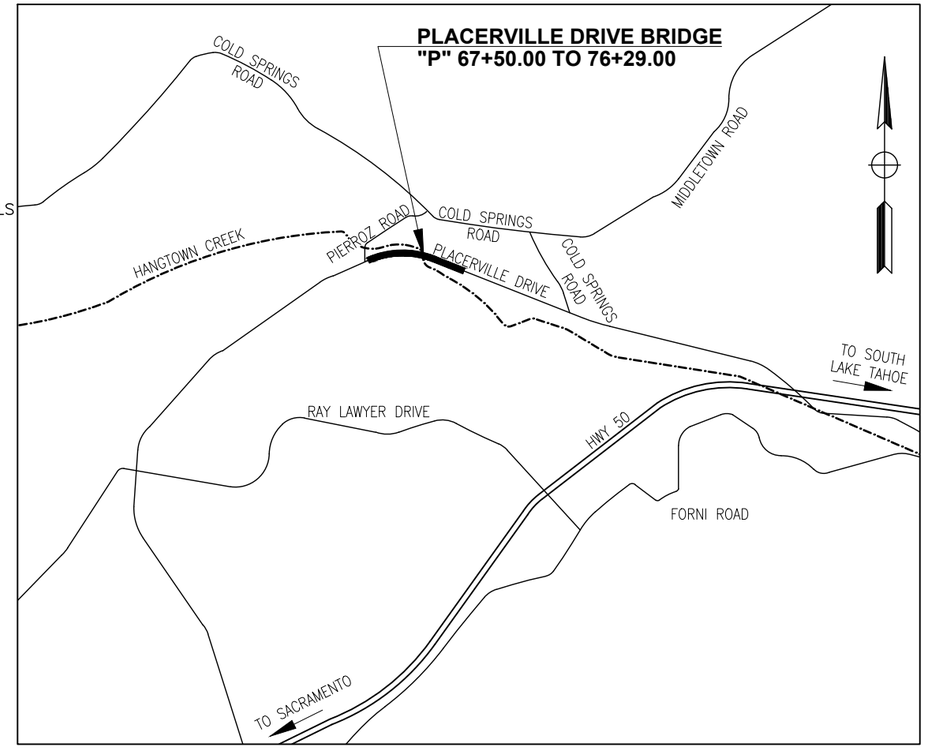
(BRIDGE NO. 25C0152)
FEDERAL PROJECT NO. BRLS-5015(024)

INDEX OF PLANS

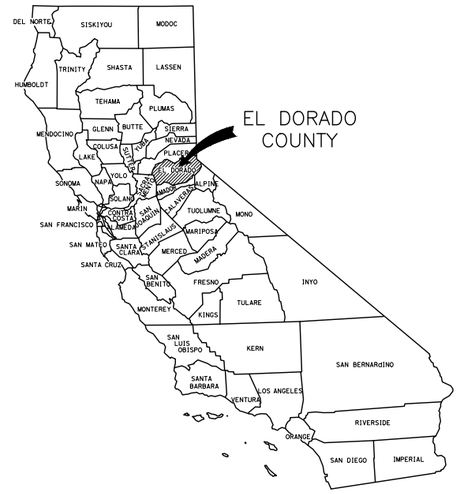
SHEET NO.	DRAWING	DESCRIPTION
C01	T-1	TITLE SHEET
C02 TO C03	X-1 TO X-2	TYPICAL CROSS SECTIONS
C04	PC-1	PROJECT CONTROL
C05 TO C06	DM-1 TO DM-2	DEMOLITION PLAN
C07 TO C08	L-1 TO L-2	LAYOUT
C09	PS-1	PROFILE AND SUPERELEVATION DIAGRAM
C10 TO C18	C-1 TO C-9	CONSTRUCTION DETAILS
C19 TO C20	WPC-1 TO WPC-2	TEMPORARY WATER POLLUTION CONTROL PLAN
C21 TO C22	WPC-3 TO WPC-4	TEMPORARY CREEK DIVERSION PLAN
C23 TO C24	G-1 TO G-2	CONTOUR GRADING
C25 TO C26	D-1 TO D-2	DRAINAGE PLAN
C27 TO C29	DP-1 TO DP-3	DRAINAGE PROFILES
C30 TO C31	DD-1 TO DD-2	DRAINAGE DETAILS
C32 TO C39	W-1 TO W-8	WATER PLANS
C40	SS-1	SANITARY SEWER PLAN AND PROFILE
C41	SS-2	SANITARY SEWER STAGING PLAN
C42 TO C43	SS-3 TO SS-4	SANITARY SEWER DETAILS
C44 TO C45	U-1 TO U-2	UTILITY PLAN
C46 TO C56	SC-1 TO SC-11	STAGE CONSTRUCTION PLAN
C57	DE-1	DETOUR PLAN
C58 TO C59	PD-1 TO PD-2	PAVEMENT DELINEATION AND SIGN PLAN
C60	PDD-1	PAVEMENT DELINEATION AND SIGN DETAILS
C61 TO C62	EC-1 TO EC-2	EROSION CONTROL PLAN
L01 TO L02	IP-1 TO IP-2	IRRIGATION PLAN
L03 TO L04	PP-1 TO PP-2	PLANTING PLAN
E01 TO E04	E-1 TO E-4	ELECTRICAL PLANS
S01 TO S36	ST-1 TO ST-36	STRUCTURE PLANS

GENERAL NOTES

1. THE CONTRACTOR SHALL POSSESS THE CLASS OR (CLASSES) OF LICENSE AS REQUIRED IN THE INVITATION TO BID AND SPECIAL PROVISIONS.
2. ALL MATERIAL AND WORK MUST CONFORM TO THE 2024 VERSION OF CALTRANS STANDARD PLANS AND STANDARD SPECIFICATIONS, AND ALL ADDENDA THERETO AND TO EL DORADO COUNTY CONSTRUCTION STANDARDS. ALL IMPROVEMENTS ARE SUBJECT TO THE INSPECTION AND APPROVAL OF ENGINEERING.
3. TAKE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITIES. DO NO EXCAVATION UNTIL ALL UTILITY AGENCIES AND THE CITY OF PLACERVILLE PUBLIC WORKS HAVE BEEN NOTIFIED AND HAVE BEEN GIVEN THE OPPORTUNITY TO MARK THEIR FACILITIES IN THE FIELD. CALL U.S.A. AT LEAST FORTY-EIGHT (48) HOURS PRIOR TO DOING ANY EXCAVATING.
4. THESE PLANS HAVE BEEN CHECKED BY THE CITY OF PLACERVILLE ENGINEERING DEPARTMENT AND/OR THEIR AUTHORIZED REPRESENTATIVE, BUT SUCH CHECKING AND/OR APPROVAL DOES NOT RELIEVE THE CONTRACTOR FROM HIS/HER RESPONSIBILITY TO CORRECT ERRORS, OMISSIONS, OR MAKE CHANGES REQUIRED BY CONDITIONS DISCOVERED IN THE FIELD DURING COURSE OF CONSTRUCTION.
5. ALL CONSTRUCTION SITE ACTIVITIES MUST CONFORM TO THE STATE WATER RESOURCES CONTROL BOARD, NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES), WASTE DISCHARGE REQUIREMENTS FOR DISCHARGES OF STORM WATER RUNOFF ASSOCIATED WITH CONSTRUCTION ACTIVITY.
6. CONTROL DUST AT ALL TIMES. DUST CONTROL IS THE RESPONSIBILITY OF THE CONTRACTOR AND MUST BE IMPLEMENTED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL GUIDELINES.
7. CONSTRUCTION STAKING MUST BE DONE UNDER THE DIRECTION OF A REGISTERED CIVIL ENGINEER OR LICENSED LAND SURVEYOR.
8. ALL TRENCHES MUST BE BACK FILLED IN ACCORDANCE WITH EL DORADO COUNTY CONSTRUCTION STANDARDS.
9. MANHOLES, VALVES, CLEAN OUTS, ETC. MUST BE BROUGHT TO FINISH GRADE BY THE CONTRACTOR AFTER THE FINAL PAVING COURSE IS PLACED.



VICINITY MAP
NOT TO SCALE



LOCATION MAP

CALL BEFORE YOU DIG
THE CONTRACTOR SHALL CALL "UNDERGROUND SERVICE ALERT" (USA) AT 811 AT LEAST 2 WORKING DAYS PRIOR TO PERFORMING ANY EXCAVATION

THE STANDARD PLANS LIST FOR THIS PROJECT IS INCLUDED IN THE SPECIAL PROVISIONS BOOK.

UTILITY REPRESENTATIVES

AT&T	LEE NIETO	(916) 505-7308
CITY OF PLACERVILLE SEWER	PUBLIC WORKS DEPT	(530) 642-5250
COMCAST	CAMERON ALVES	(916) 200-9060
EL DORADO IRRIGATION WATER	PATRICK WILSON	(530) 642-4001
FIRE DISTRICT	BRANDON MCKAY	(530) 644-9630
PG&E	JOSH DEADMORE	(530) 514-5301
U.S.A.		(800) 642-2444

APPROVED BY CITY OF PLACERVILLE

Melissa Savage 12/1/2025

MELISSA SAVAGE P.E., CITY ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER — JEFF ELMENSDORP — No. 66039 — Exp. 06/30/26 — CIVIL — STATE OF CALIFORNIA

DESIGNED UNDER THE DIRECTION OF

Jeff Elmensdorp 11/14/2025

JEFF ELMENSDORP, P.E. — DATE

RECORD DRAWING CERTIFICATE

THIS SET OF PLANS, HAVING BEEN REVIEWED BY ME, REFLECT ALL APPROVED REVISIONS TO THE PROJECT KNOWN TO ME, AND ALL FIELD DEVIATIONS TO THE PLANNED IMPROVEMENTS BY THE CONSTRUCTION CONTRACTOR, AS REPORTED TO ME AS OF_____. IT DOES NOT REPRESENT FIELD VERIFICATION OF PLANNED IMPROVEMENTS BY ME.

_____
P.E., RESIDENT ENGINEER

_____
P.E., CITY ENGINEER

OWNER OF RECORD

CITY OF PLACERVILLE
3101 CENTER ST,
PLACERVILLE, CA 95667
(530)621-2489

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: N/A
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CITY OF PLACERVILLE CALIFORNIA

TITLE

DRAWING INFO
DATE: 11/14/2025
DRAFTER: J.MAYER
DESIGNER: J.MAYER
REVIEWER: A.BOYES

PROJECT NO.
CIP #41410
SHEET NO. C01 OF C62

T-1

100% SUBMITTAL, NOT FOR CONSTRUCTION

U:\18028 - Placerville Dr, Bicycle-Ped and Br. Repl - Ci Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD-R-T.dwg Jun 15, 2026 - 4:09pm, ovalencia

NOTES:

1. DIMENSIONS OF THE STRUCTURAL SECTIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. FOR EXACT LOCATIONS OF CURB, GUTTER, SIDEWALK, PAVEMENT TRANSITIONS AND DRIVEWAYS, SEE LAYOUT.
3. SUPERELEVATIONS AS SHOWN ON PROFILE AND SUPERELEVATION DIAGRAM OR AS DIRECTED BY THE ENGINEER.
4. FOR BRIDGE TYPICAL SECTION, SEE GENERAL PLAN.
5. FOR EXISTING SEWER LINE RELOCATION, SEE SEWER PLAN AND PROFILE.

TYPICAL PAVEMENT STRUCTURE SECTIONS:

[1] 0.45' HMA (TYPE A)
1.20' CLASS 2 AB

[2] 0.33' PCC
0.33' CLASS 2 AB

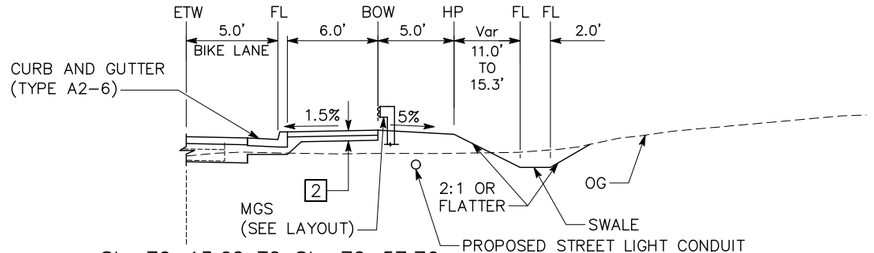
[3] 0.25' HMA (TYPE A)
0.33' CLASS 2 AB

ABBREVIATIONS:

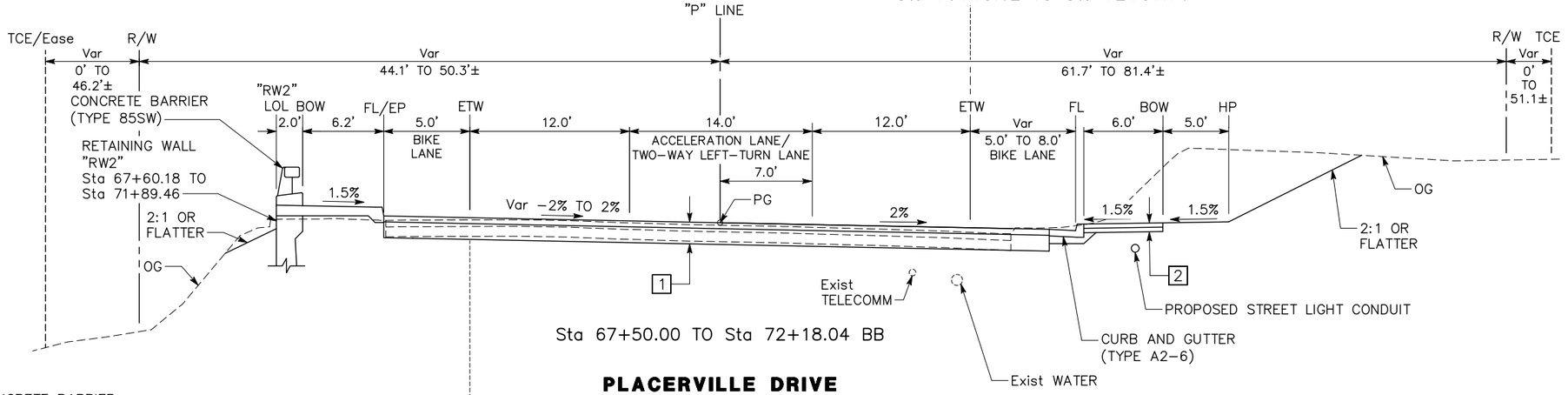
BOC = BACK OF CURB
BOW = BACK OF WALK
TOC = TOP OF CURB
Mfr = MANUFACTURER

PLACERVILLE DRIVE DESIGN DESIGNATION

ROADWAY CLASSIFICATION	=	MINOR ARTERIAL
DESIGN SPEED	=	40 MPH
ADT (2018)	=	10,675
FUTURE ADT (2040)	=	11,256
TRAFFIC INDEX (TI)	=	9

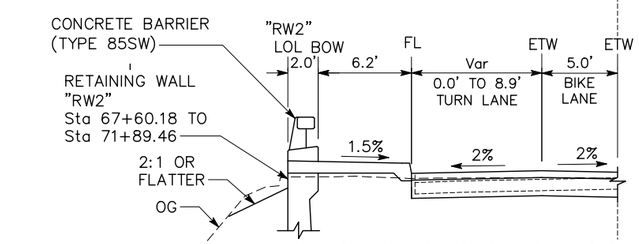


Sta 70+13.62 TO Sta 72+57.76

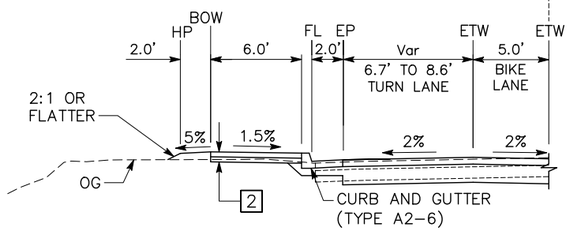


Sta 67+50.00 TO Sta 72+18.04 BB

PLACERVILLE DRIVE



Sta 67+60.18 TO Sta 68+16.58



Sta 67+50.00 TO 67+60.18

NO SCALE

X-1

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: NO SCALE
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
TYPICAL CROSS SECTIONS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: ASMITH

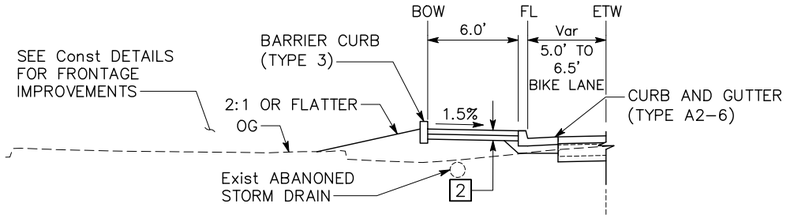
PROJECT NO.
CIP #41410
SHEET NO. C02 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

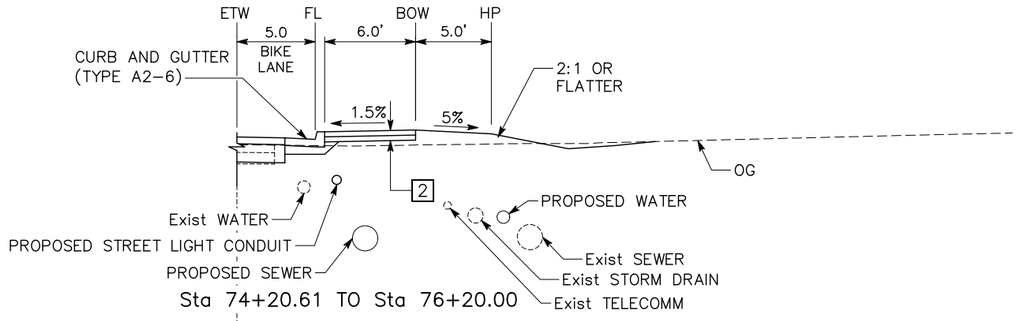
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NOTE:

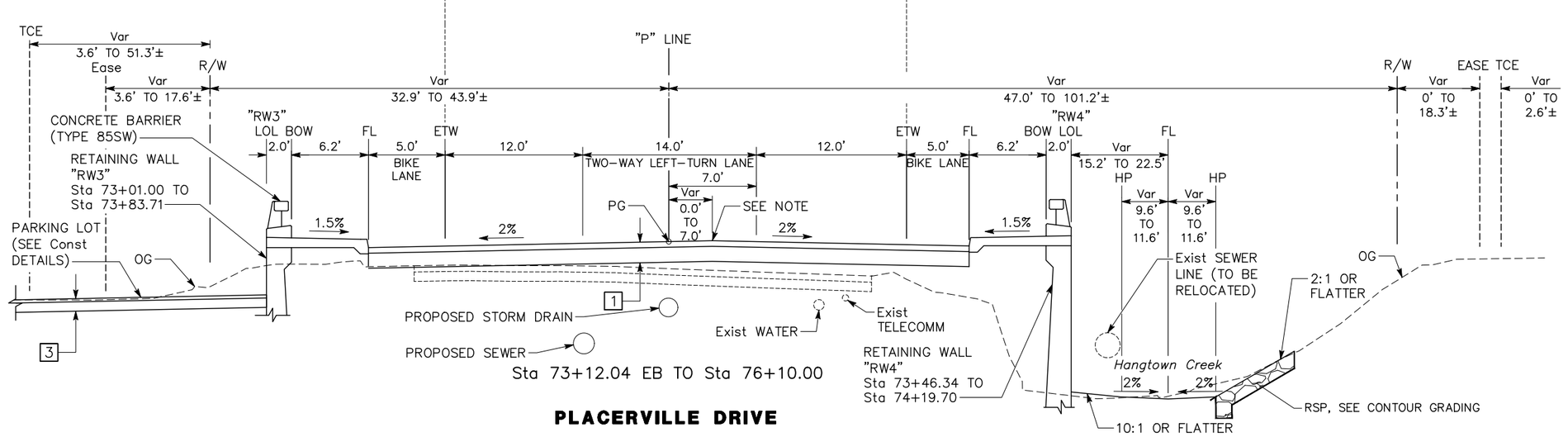
SHIFT TO EXISTING CROWN BETWEEN STATIONS 74+50.00 TO 76+10.00.



Sta 73+98.13 TO Sta 76+29.00



Sta 74+20.61 TO Sta 76+20.00



Sta 73+12.04 EB TO Sta 76+10.00

PLACERVILLE DRIVE

NO SCALE

X-2

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: NO SCALE
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

TYPICAL CROSS SECTIONS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: 4/30/26

PROJECT NO.
CIP #41410
SHEET NO. C03 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

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NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. ALL RECORD SURVEY MONUMENTS TO BE TIED BY SURVEY PRIOR TO CONSTRUCTION. ANY MONUMENTS DISTURBED OR DESTROYED DURING CONSTRUCTION MUST BE REPLACED WITH EQUAL MONUMENTATION AFTER CONSTRUCTION AND ACCOMPANIED WITH A CORNER RECORD FILED WITH THE CITY.
3. PROJECT CONTROL INFORMATION PROVIDED BY R.E.Y. ENGINEERS, INC ON 03/04/2021.

BASIS OF BEARINGS AND COORDINATES:

BASIS OF BEARINGS FOR THIS SURVEY IS THE CALIFORNIA COORDINATE SYSTEM OF 1983 (NAD 83), EPOCH 2004.69, ZONE 2. GRID TO GROUND CONVERSION: GRID/1.0001475=GROUND

BASIS OF ELEVATIONS:

VERTICAL DATUM: NGVD 1929
BENCHMARK STATION F 127 (PID JS0517)

BENCHMARK:

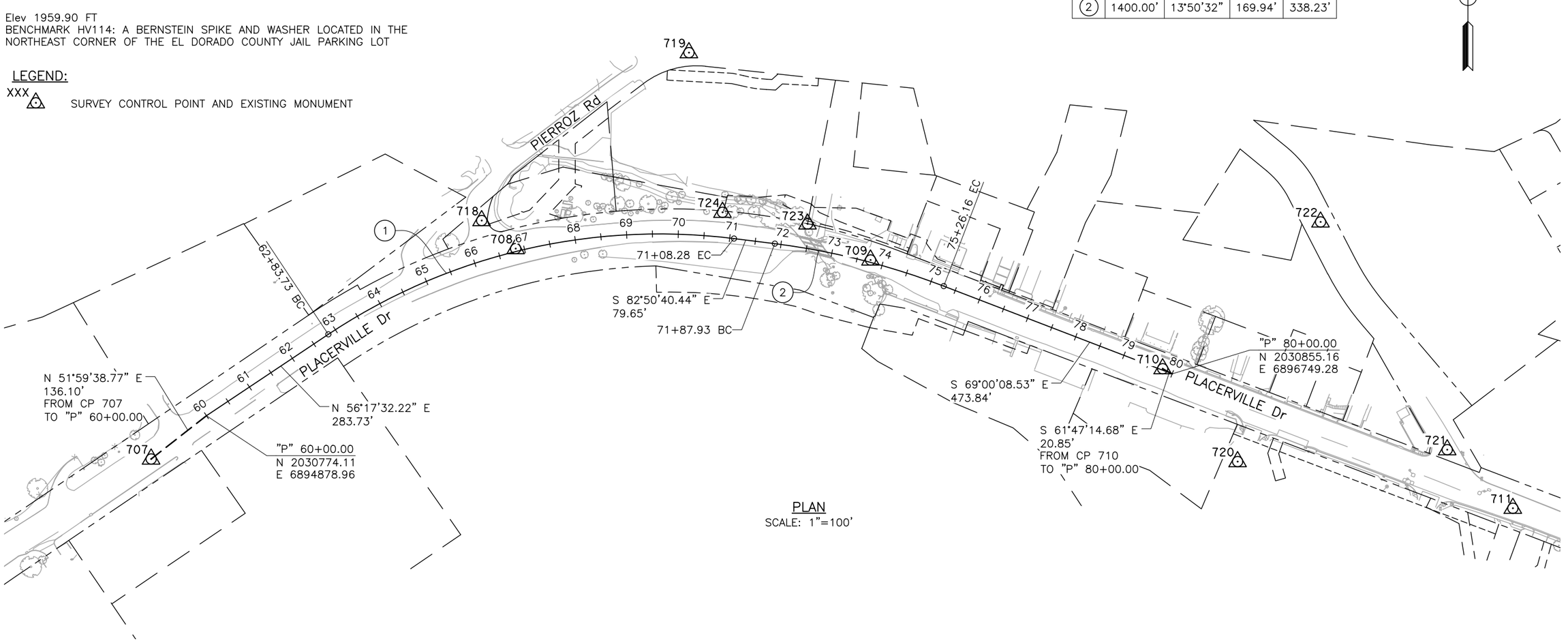
Elev 1959.90 FT
BENCHMARK HV114: A BERNSTEIN SPIKE AND WASHER LOCATED IN THE NORTHEAST CORNER OF THE EL DORADO COUNTY JAIL PARKING LOT

LEGEND:

XXX △ SURVEY CONTROL POINT AND EXISTING MONUMENT

CONTROL FOR DESIGN AND CONSTRUCTION				
CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
707	2030690.30	6894771.72	1664.11	MAG NAIL W/ LiDAR TARGET
708	2031097.38	6895477.79	1677.51	MAG NAIL W/ LiDAR TARGET
709	2031075.47	6896165.05	1676.93	MAG NAIL W/ LiDAR TARGET
710	2030865.02	6896730.91	1685.65	MAG NAIL W/ LiDAR TARGET
711	2030594.90	6897409.08	1711.94	MAG NAIL W/ LiDAR TARGET
718	2031151.71	6895411.90	1674.88	MAG NAIL W/ LiDAR TARGET
719	2031476.75	6895813.40	1674.15	MAG NAIL W/ LiDAR TARGET
720	2030685.33	6896876.06	1694.58	MAG NAIL W/ LiDAR TARGET
721	2030708.26	6897282.02	1706.91	MAG NAIL W/ LiDAR TARGET
722	2031149.04	6897036.62	1715.45	MAG NAIL W/ LiDAR TARGET
723	2031145.10	6896042.95	1667.76	3/4" CIP UNREADABLE
724	2031169.12	6895880.24	1667.00	3/4" CIP

CURVE DATA				
No.	R	Δ	T	L
(1)	1156.14'	40°51'47"	430.69'	824.55'
(2)	1400.00'	13°50'32"	169.94'	338.23'



PLAN
SCALE: 1"=100'

APPROVED FOR PROJECT CONTROL WORK ONLY

PC-1

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
PROJECT CONTROL
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: TMAYER
DESIGNER: TMAYER
REVIEWER: ABOYER

PROJECT NO.
CIP #41410
SHEET NO. C04 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

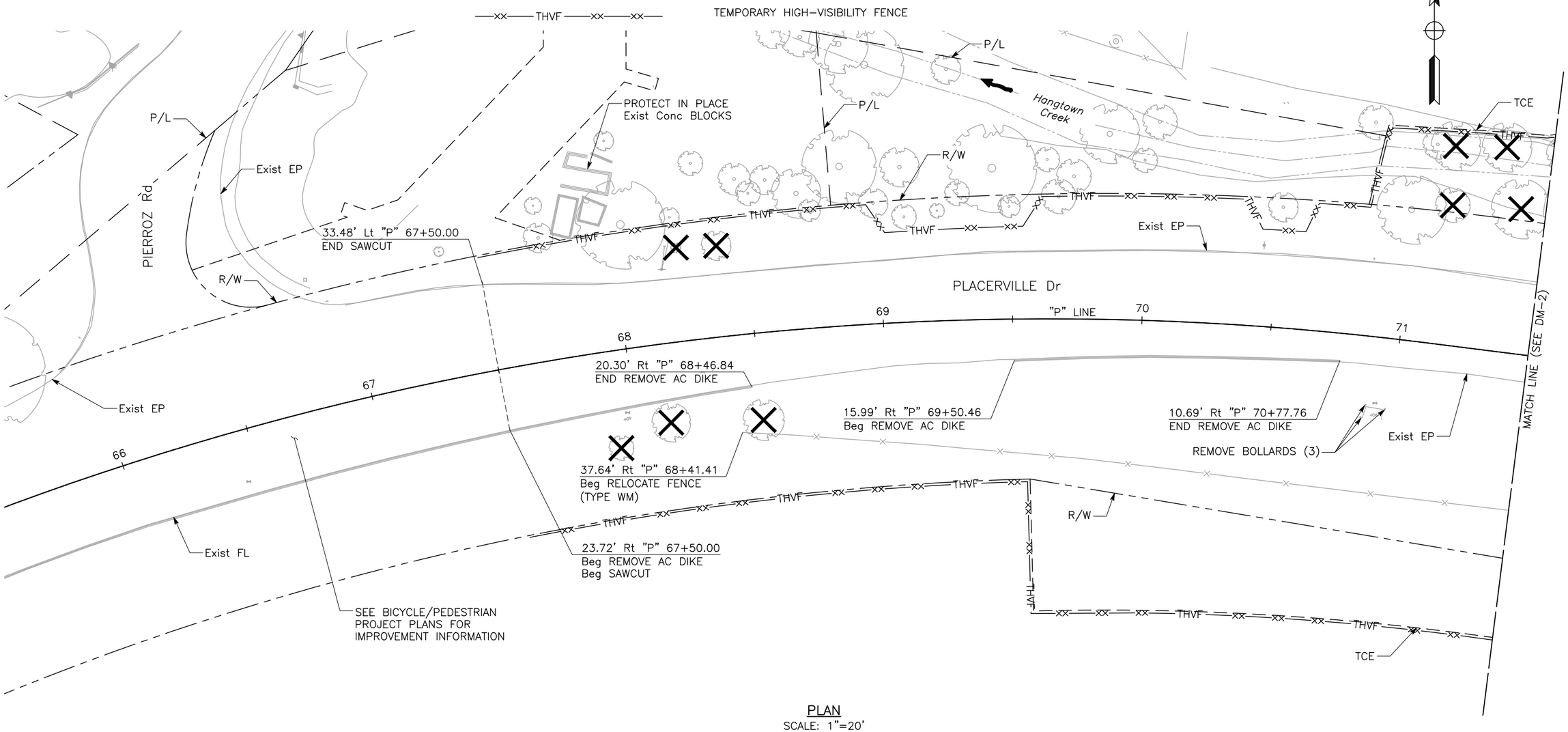
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NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. FOR UTILITY INFORMATION, SEE UTILITY PLAN.
3. ALL TREES TO BE REMOVED AND/OR TO REMAIN SHALL BE VERIFIED BY THE ENGINEER.
4. FOR SIGN REMOVAL AND RELOCATION INFORMATION, SEE PAVEMENT DELINEATION AND SIGN PLAN.
5. SEE LAYOUT FOR PROPOSED LOCATION OF RELOCATED FENCE.

LEGEND:

- REMOVE TREE
- COLD PLANE ASPHALT CONCRETE
- BRIDGE REMOVAL
- REMOVAL
- RIGHT–OF–WAY (R/W)
- TEMPORARY CONSTRUCTION EASEMENT (TCE)
- PROPERTY LINE
- SAWCUT
- TEMPORARY HIGH–VISIBILITY FENCE



PLAN
SCALE: 1"=20'

APPROVED FOR DEMOLITION WORK ONLY

DM-1

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
DEMOLITION PLAN
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: ASOTER

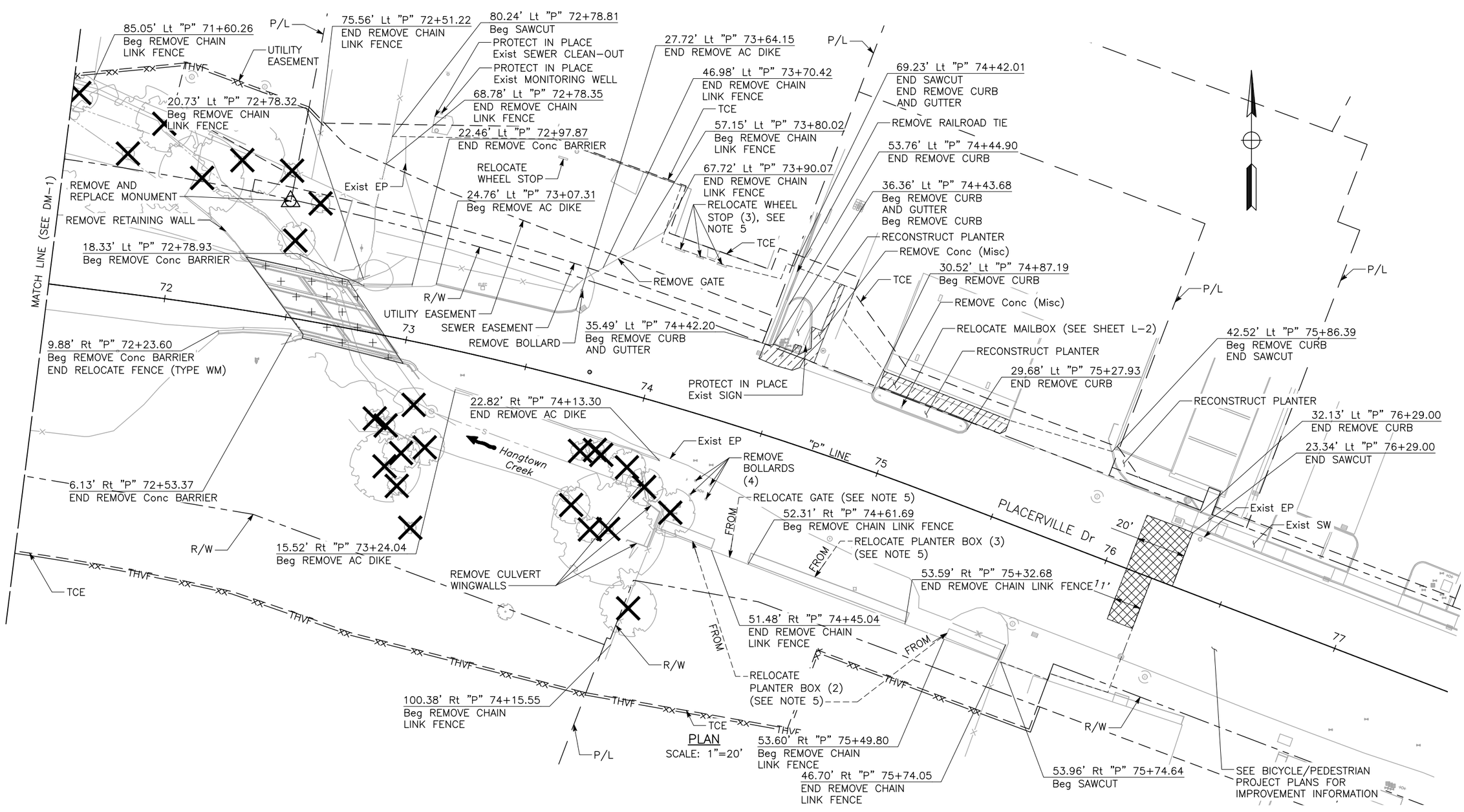
PROJECT NO.
CIP #41410
SHEET NO. C05 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

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NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. FOR UTILITY INFORMATION, SEE UTILITY PLAN.
3. ALL TREES TO BE REMOVED AND/OR TO REMAIN SHALL BE VERIFIED BY THE ENGINEER.
4. FOR SIGN REMOVAL AND RELOCATION INFORMATION, SEE PAVEMENT DELINEATION AND SIGN PLAN.
5. SEE CONSTRUCTION DETAILS FOR FINAL GATE, PLANTER BOX, AND WHEEL STOP LOCATIONS.
6. SEE LAYOUTS FOR LOCATIONS OF RELOCATED FENCES, GATES, AND PLANTER BOX.



PLAN
SCALE: 1"=20'

APPROVED FOR DEMOLITION WORK ONLY

DM-2

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
1060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
DEMOLITION PLAN
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JM/VS
DESIGNER: JM/VS
REVIEWER: AB/DB

PROJECT NO.
CIP #41410
SHEET NO. C06 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

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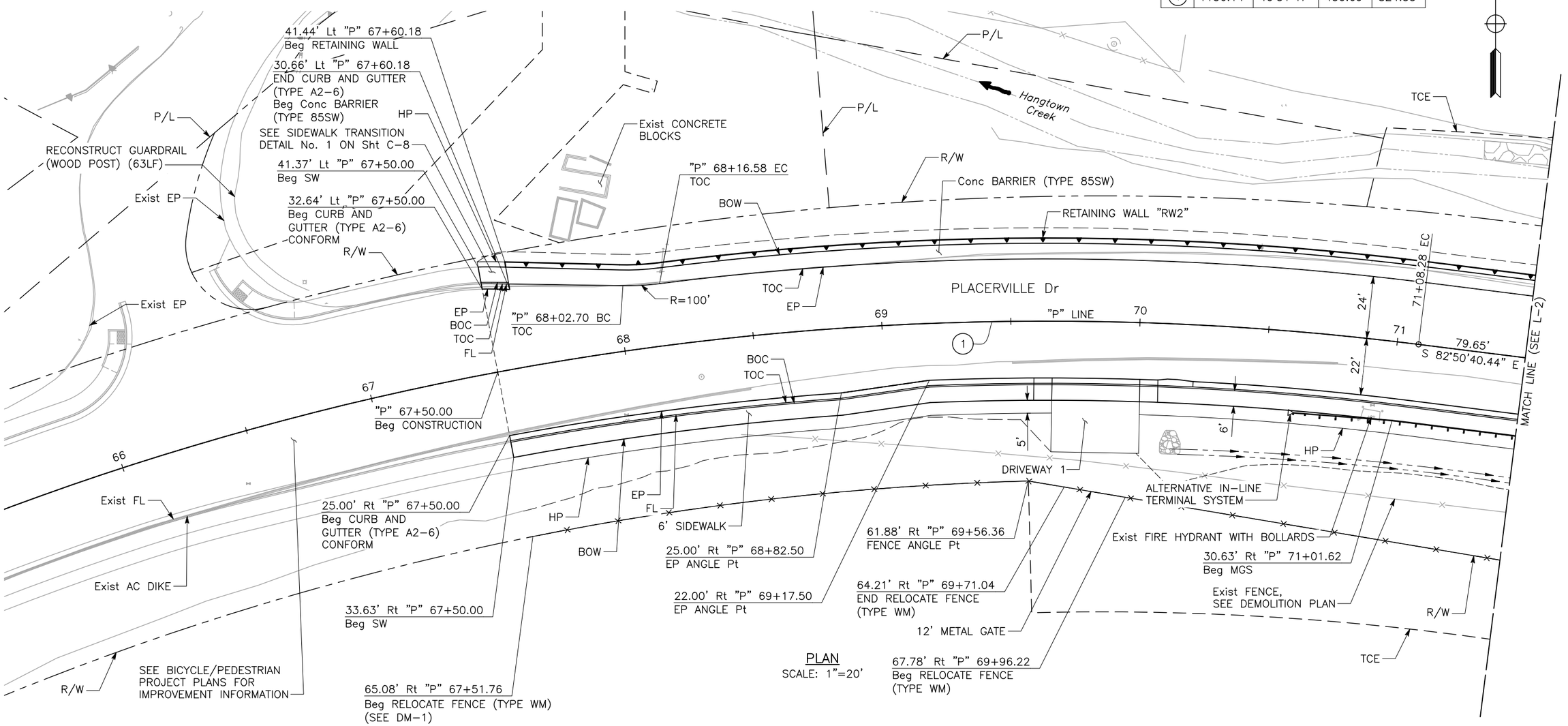
NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. SEE PROJECT CONTROL SHEET FOR ADDITIONAL ALIGNMENT CONTROL INFORMATION.
3. ALL OFFSET/STATION CALLOUTS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN.
4. FOR UTILITY RELOCATION INFORMATION, SEE UTILITY PLAN.
5. FOR DRIVEWAY, TRANSITIONS, AND PAVEMENT CONFORM INFORMATION, SEE CONSTRUCTION DETAILS.
6. FOR SWALE FLOWLINE AND STORM DRAIN SYSTEM INFORMATION, SEE DRAINAGE PLAN.
7. SEE SIGNING AND STRIPING INFORMATION, SEE PAVEMENT DELINEATION AND SIGN PLAN.
8. FOR RETAINING WALL INFORMATION, SEE STRUCTURES PLANS.
9. FOR REMOVAL, SAWCUT, AND TEMPORARY HIGH–VISIBILTY FENCE LOCATIONS, SEE DEMOLITION PLAN.
10. FOR CHANNEL GRADING AND RSP INFORMATION, SEE CONTOUR GRADING.
11. FOR LANDSCAPING REFER TO PLANTING PLANS

LEGEND

- CUT
- FILL
- R/W
- PROPERTY LINE (P/L)
- TCE
- FENCE
- PAVEMENT CONFORM (SEE CONSTRUCTION DETAILS)
- ROCK SLOPE PROTECTION (RSP)

CURVE DATA				
No.	R	Δ	T	L
(1)	1156.14'	40°51'47"	430.69'	824.55'



PLAN
SCALE: 1"=20'

L-1

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

CITY OF PLACERVILLE

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
LAYOUT
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMA/ZS
DESIGNER: JMA/ZS
REVIEWER: ASD/ZS

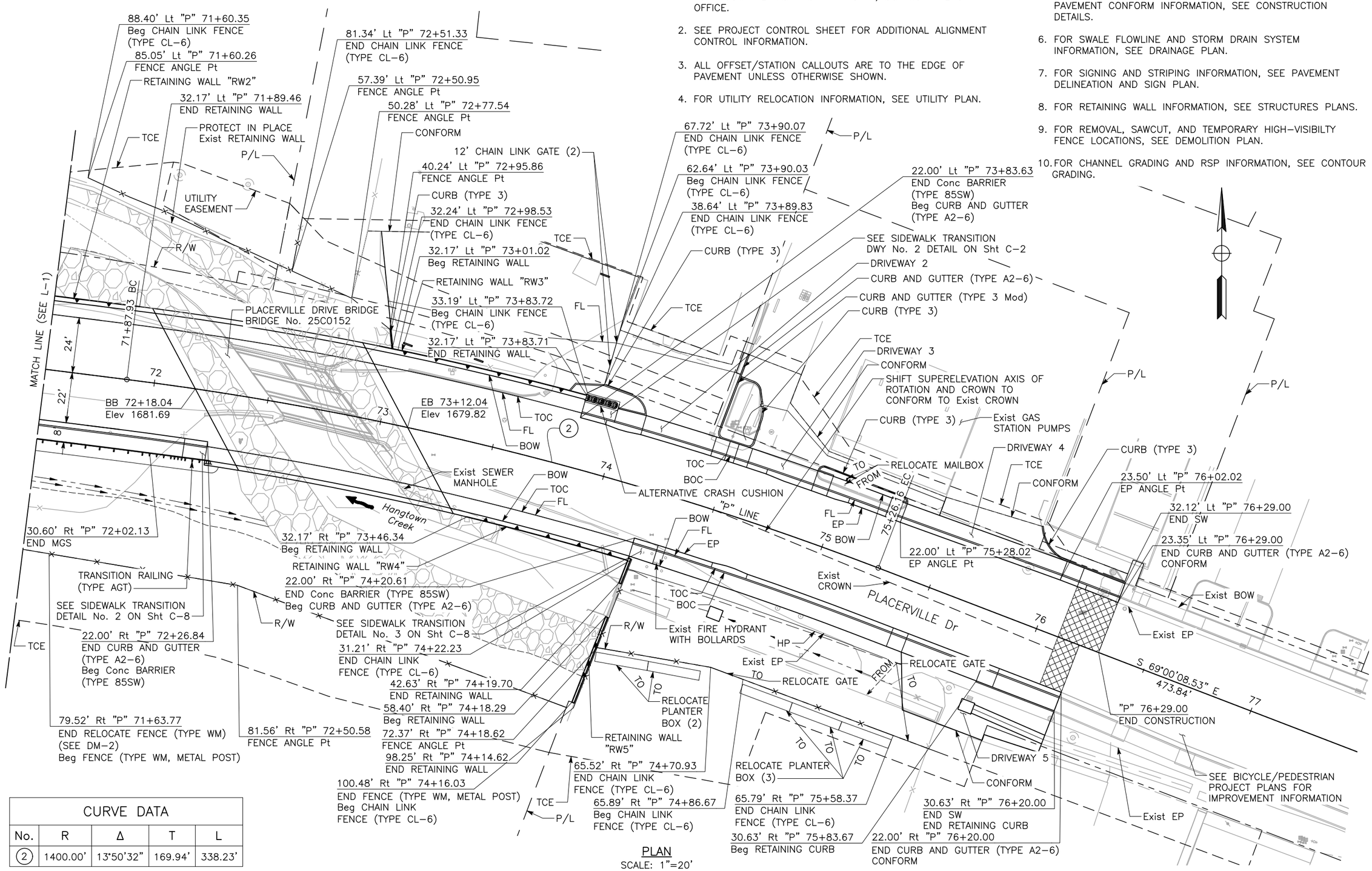
PROJECT NO.
CIP #41410
SHEET NO. C07 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

U:\18028 – Placerville Dr, Bicycle–Ped and Br. Repl. – Gi Placerville\18028 Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD–R–L.dwg Jun 15, 2026 – 4:11pm, ovalencia

NOTES:

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3. ALL OFFSET/STATION CALLOUTS ARE TO THE EDGE OF PAVEMENT UNLESS OTHERWISE SHOWN.
4. FOR UTILITY RELOCATION INFORMATION, SEE UTILITY PLAN.
5. FOR DRIVEWAY, TRANSITIONS, CURB LIMITS NOT SHOWN, AND PAVEMENT CONFORM INFORMATION, SEE CONSTRUCTION DETAILS.
6. FOR SWALE FLOWLINE AND STORM DRAIN SYSTEM INFORMATION, SEE DRAINAGE PLAN.
7. FOR SIGNING AND STRIPING INFORMATION, SEE PAVEMENT DELINEATION AND SIGN PLAN.
8. FOR RETAINING WALL INFORMATION, SEE STRUCTURES PLANS.
9. FOR REMOVAL, SAWCUT, AND TEMPORARY HIGH–VISIBILTY FENCE LOCATIONS, SEE DEMOLITION PLAN.
10. FOR CHANNEL GRADING AND RSP INFORMATION, SEE CONTOUR GRADING.



CURVE DATA				
No.	R	Δ	T	L
(2)	1400.00'	13°50'32"	169.94'	338.23'

PLAN
SCALE: 1"=20'

L-2

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

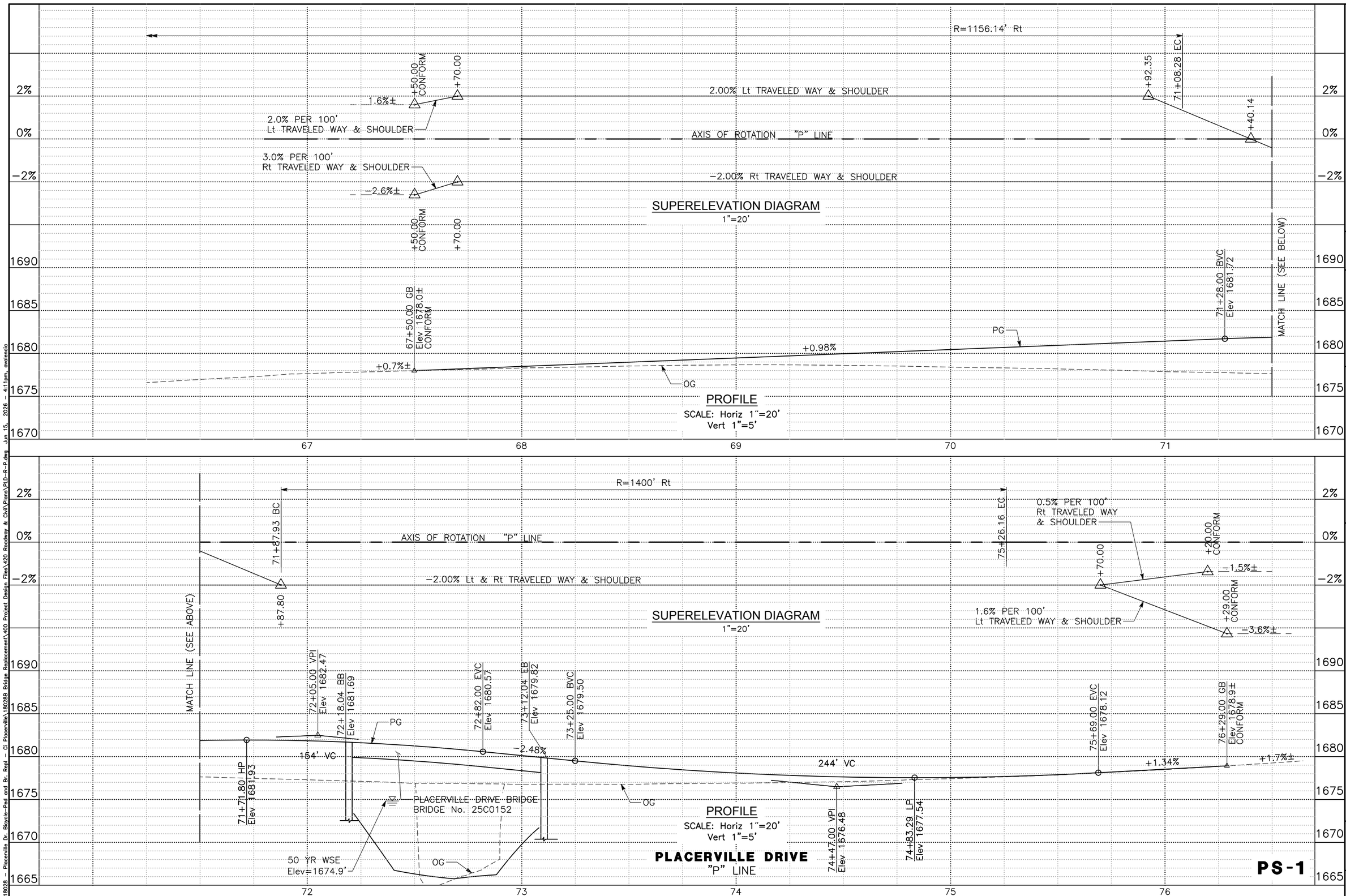
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
LAYOUT
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: ABOYER

PROJECT NO.
CIP #41410
SHEET NO. C08 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

U:\18028 – Placerville Dr, Bicycle–Ped and Br. Repl – Ci Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD–R–L.dwg Jun 15, 2026 – 4:11pm, ovalencia



NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: AS NOTED

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
PROFILE & SUPERELEVATION DIAGRAM
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE 11/14/2025
DRAFTER AMATES
DESIGNER AMATES
REVIEWER ABOYES

PROJECT NO.
CIP #41410
SHEET NO. C09 OF C62

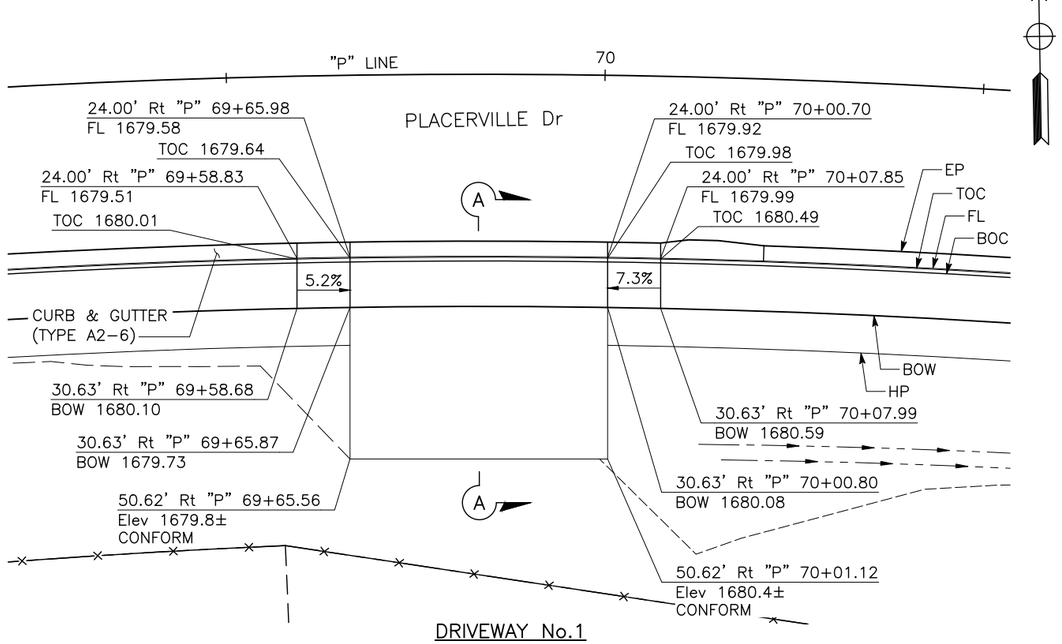
PS-1

100% SUBMITTAL, NOT FOR CONSTRUCTION

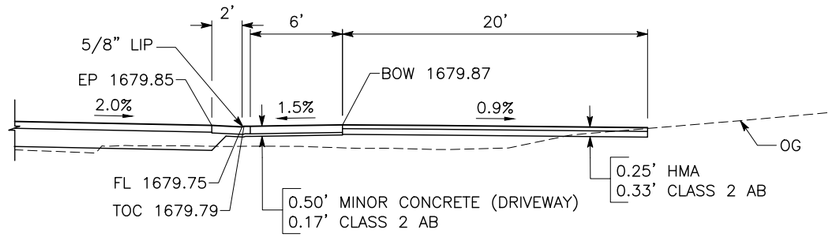
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NOTE:

FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.



DRIVEWAY No.1
SCALE: 1"=10'



SECTION A–A
NO SCALE

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CONSTRUCTION DETAILS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMA/PS
DESIGNER: JMA/PS
REVIEWER: ASO/PS

PROJECT NO.
CIP #41410
SHEET NO. C10 OF C62

C-1

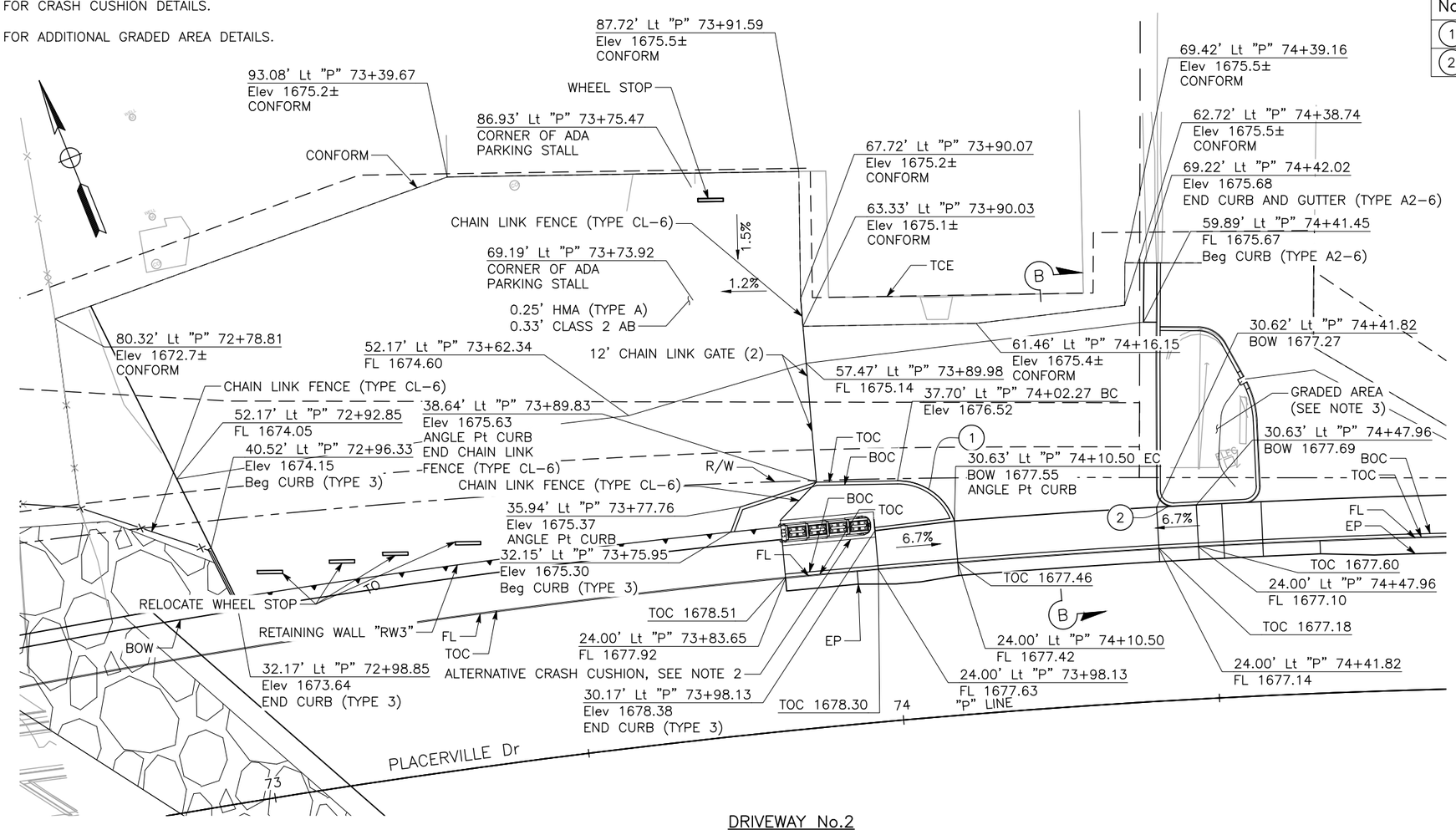
100% SUBMITTAL, NOT FOR CONSTRUCTION

\\cm-fs\RanchoCordova\Projects\18028 – Placerville Dr. Bicycle–Ped and Br. Repl – Ci Placerville\18028 Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD–R–C01.dwg Jun 15, 2026 – 4:11pm gutierrez

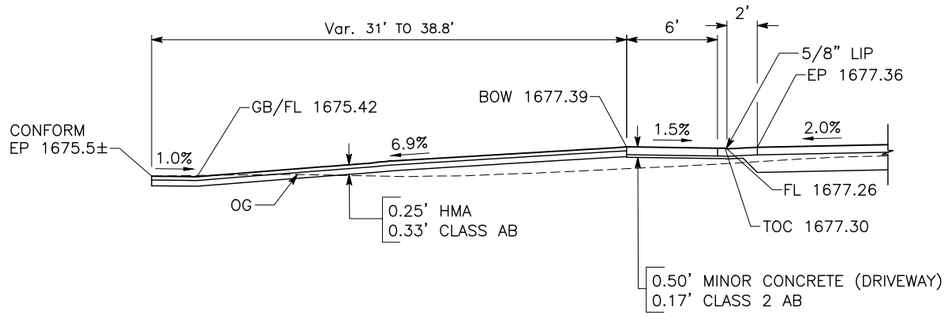
NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT THE CITY OFFICE.
2. SEE SHEET C-3 FOR CRASH CUSHION DETAILS.
3. SEE SHEET C-5 FOR ADDITIONAL GRADED AREA DETAILS.

CURVE DATA				
No.	R	Δ	T	L
1	9.45'	71°15'07"	6.77'	11.75'
2	2.50'	93°24'43"	2.65'	4.08'



DRIVEWAY No.2
SCALE: 1"=10'



SECTION B-B
NO SCALE

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CONSTRUCTION DETAILS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: ASHOSA

PROJECT NO.
CIP #41410
SHEET NO. C11 OF C62

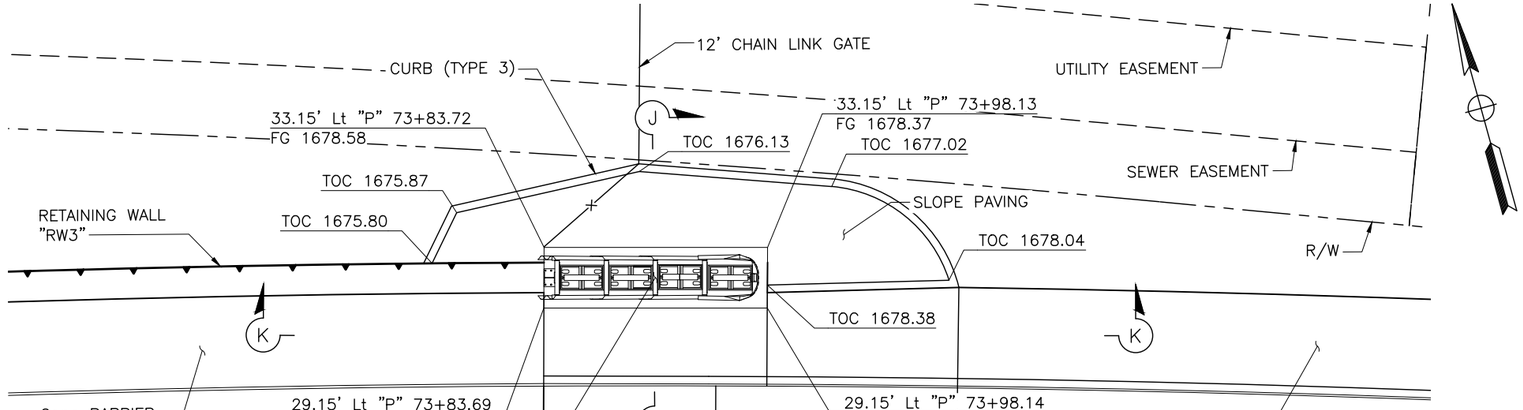
100% SUBMITTAL, NOT FOR CONSTRUCTION

C-2

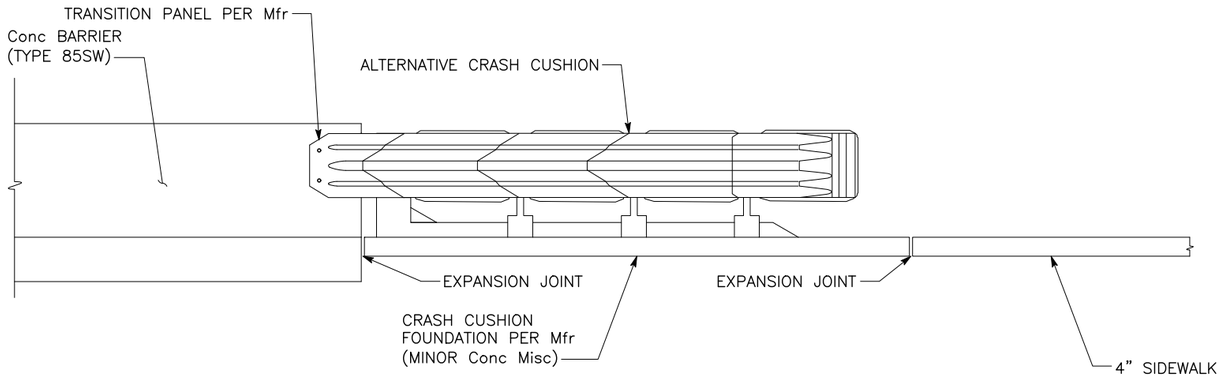
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NOTES:

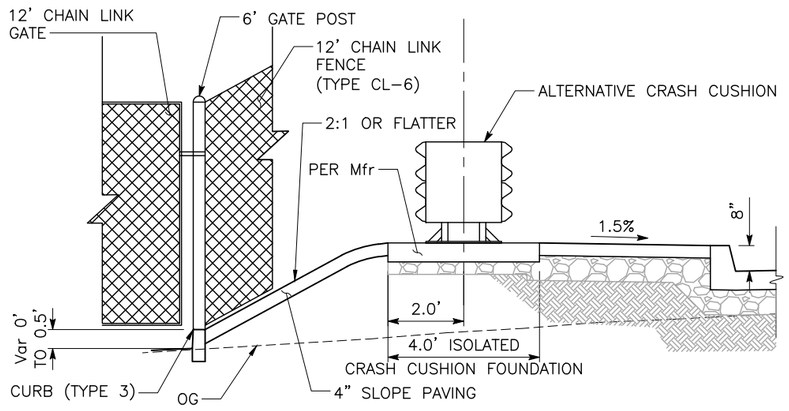
1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. CRASH CUSHION FOUNDATION LENGTH PER MANUFACTURER (Mfr) SPECIFICATIONS.



PLACERVILLE DRIVE CRASH CUSHION DETAIL
SCALE: 1"=5'



SECTION K–K
NOT TO SCALE



SECTION J–J
NOT TO SCALE

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

CITY OF PLACERVILLE EL DORADO COUNTY

Dewberry
1060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CONSTRUCTION DETAILS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JM/DS
DESIGNER: JM/DS
REVIEWER: A BOYER

PROJECT NO.
CIP #41410
SHEET NO. C12 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

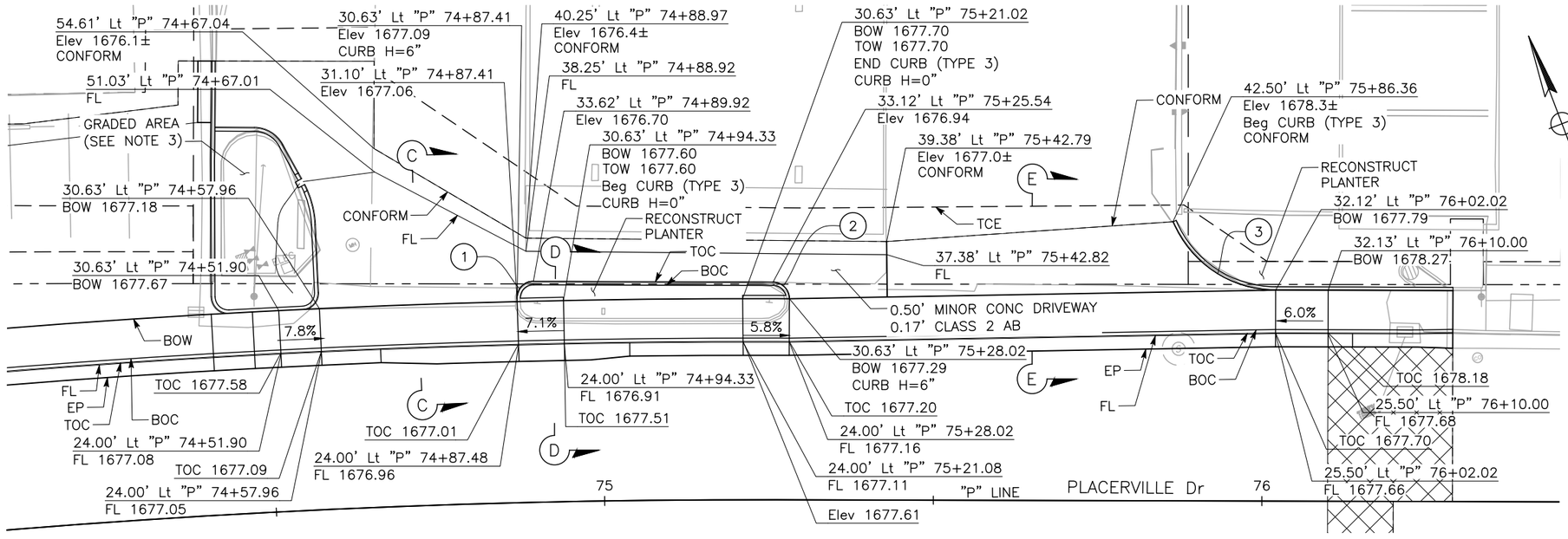
C-3

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NOTES:

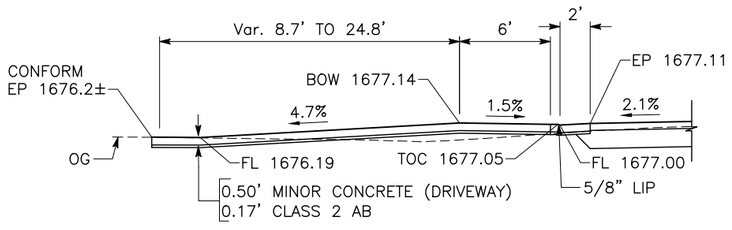
1. FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT THE CITY OFFICE.
2. SEE TYPICAL SECTIONS FOR PAVEMENT STRUCTURAL SECTION DEPTHS.
3. SEE SHEET C-5 FOR ADDITIONAL GRADED AREA DETAILS.
4. SEE SHEET DD-2 FOR ADDITIONAL DRAINAGE INLET DEPRESSION DETAILS.

CURVE DATA				
No.	R	Δ	T	L
1	2.50'	92°08'56"	2.60'	4.02'
2	2.55'	87°43'53"	2.45'	3.90'
3	16.90'	67°24'22"	11.27'	19.89'

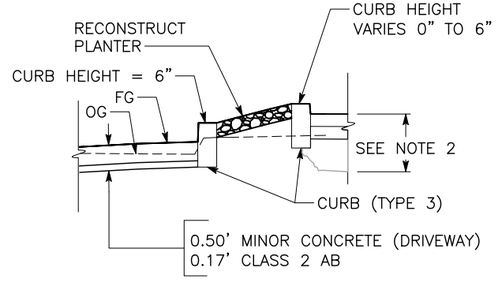


DRIVEWAY No. 3
SCALE: 1"=10'

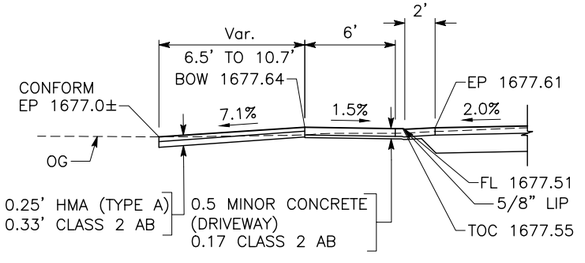
DRIVEWAY No. 4
SCALE: 1"=10'



SECTION C-C
NO SCALE



SECTION D-D
NO SCALE



SECTION E-E
NO SCALE

NO. REVISION DESCRIPTION CHECKED BY DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CONSTRUCTION DETAILS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: MAYES
DESIGNER: MAYES
REVIEWER: ASOTES

PROJECT NO.
CIP #41410
SHEET NO. C13 OF C62

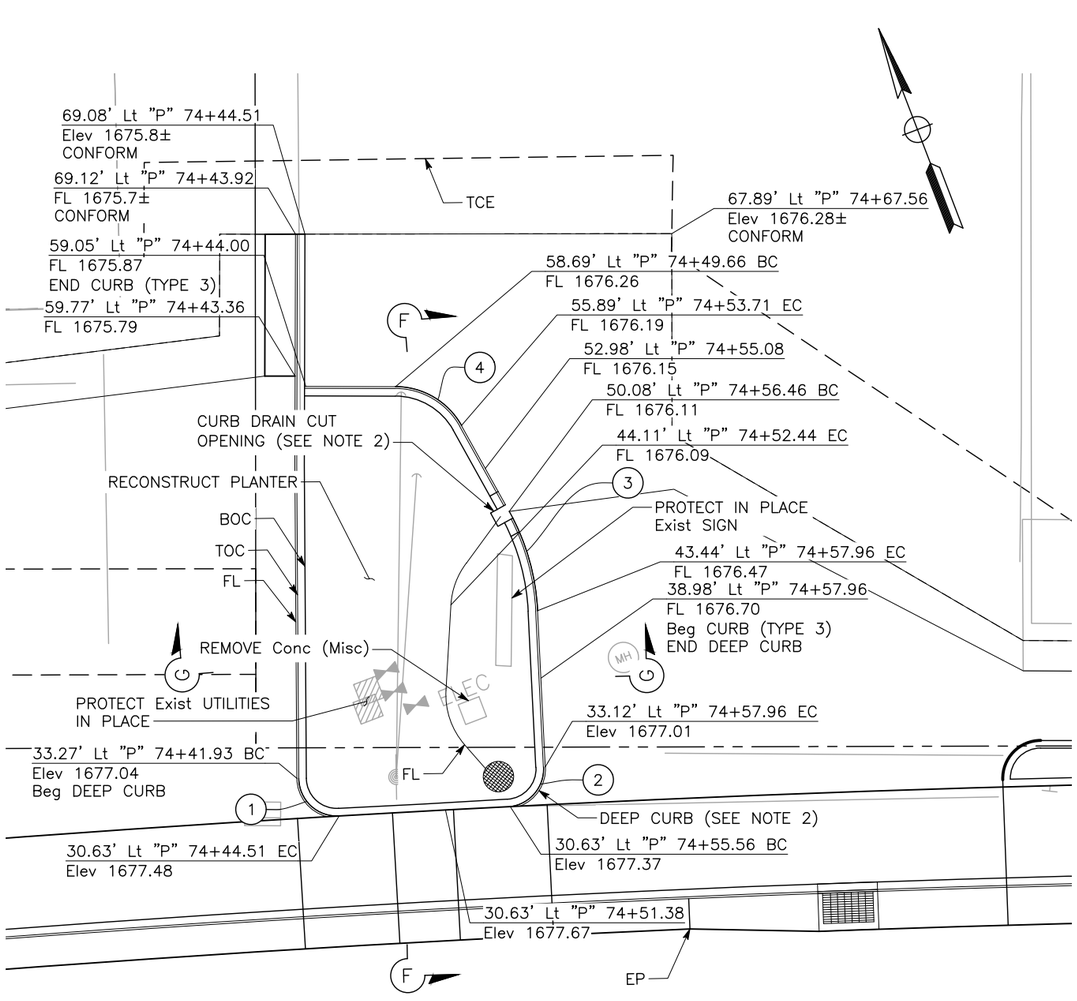
100% SUBMITTAL, NOT FOR CONSTRUCTION

\\cm-fs\RanchoCordova\Projects\18028 - Placerville Dr, Bicycle-Ped and Br. Repl - Ci Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD-R-C03.dwg Jun 15, 2026 - 4:13pm gvalencia

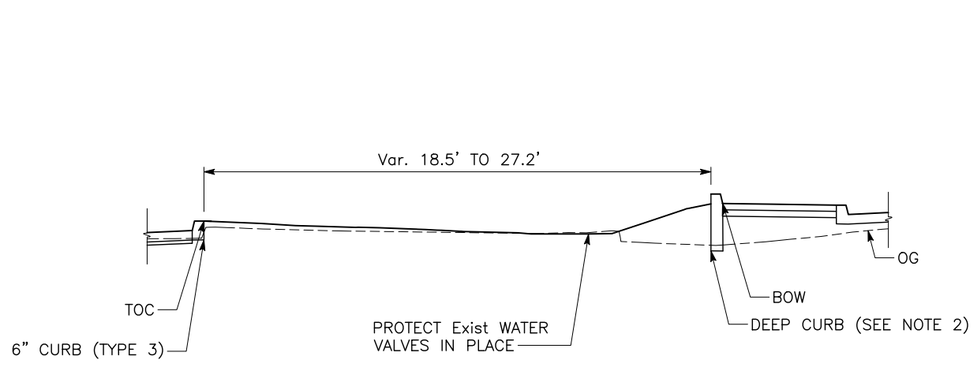
NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. SEE SHEET C–6 FOR DEEP CURB DETAILS AND CURB DRAIN CUT OPENING DETAILS.
3. SEE DRAINAGE PLAN FOR DRAINAGE INLET INFORMATION.

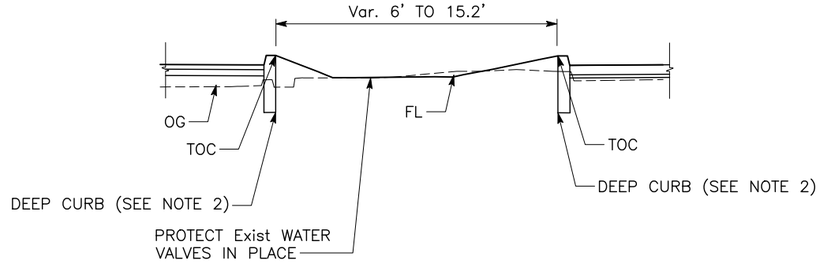
CURVE DATA				
No.	R	Δ	T	L
1	2.50'	93°24'43"	2.65'	4.08'
2	2.50'	85°56'42"	2.33'	3.75'
3	15.00'	26°15'47"	3.50'	6.88'
4	5.00'	60°46'16"	2.93'	5.30'



MEDIAN ISLAND DETAIL
SCALE: 1"=5'



SECTION F–F
NOT TO SCALE



SECTION G–G
NOT TO SCALE

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CONSTRUCTION DETAILS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: ARORTIZ

PROJECT NO.
CIP #41410
SHEET NO. C14 OF C62

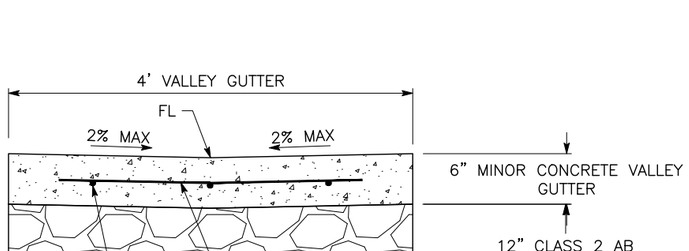
C-5

100% SUBMITTAL, NOT FOR CONSTRUCTION

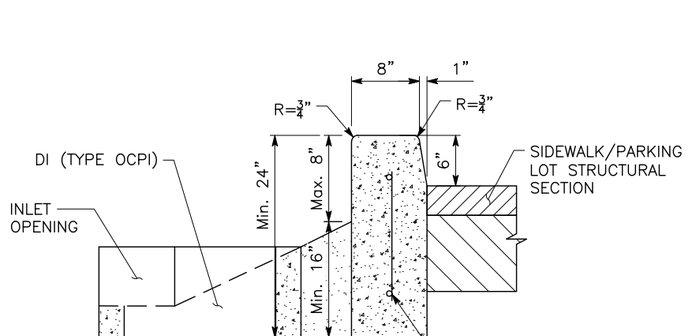
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NOTE:

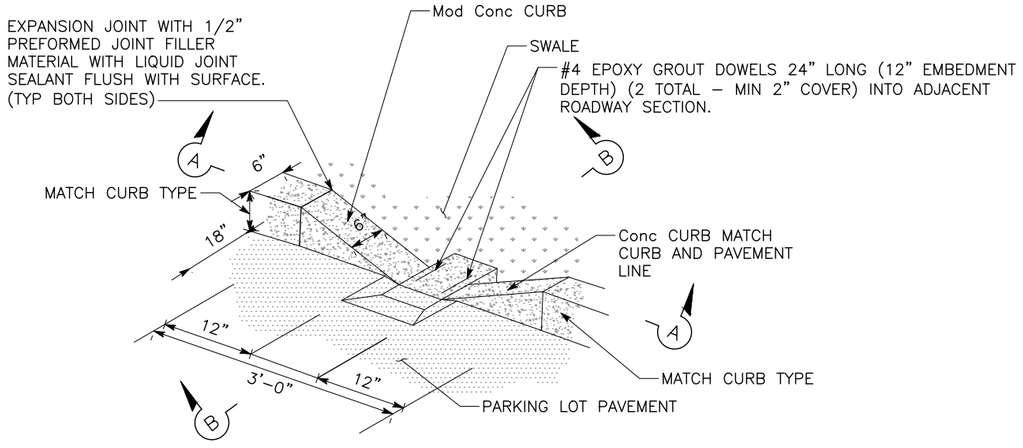
FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.



MINOR CONCRETE VALLEY GUTTER DETAIL
NO SCALE

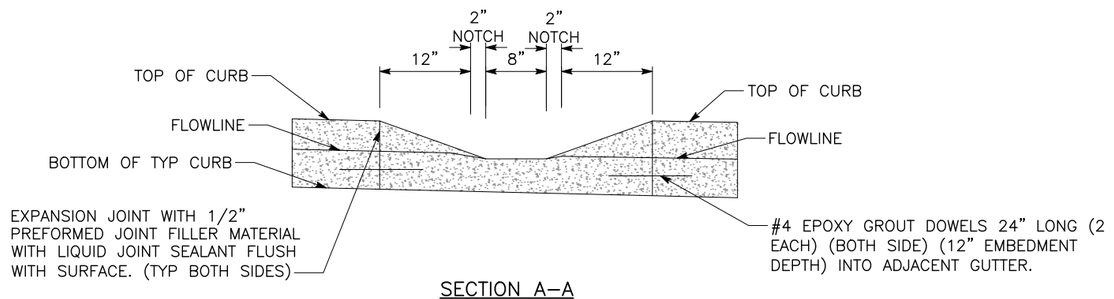


DEEP CURB DETAIL
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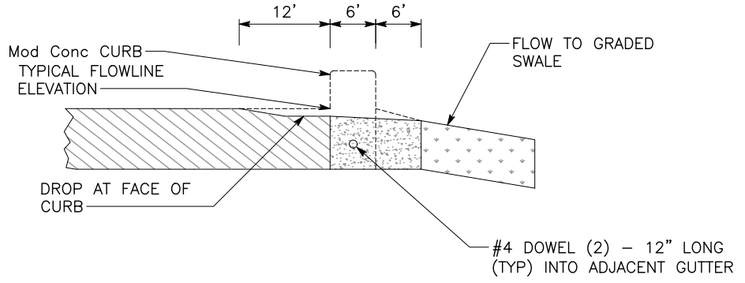


GENERAL NOTE:
1. PROVIDE MINIMUM 2" COVER BETWEEN DRAINAGE NOTCH OPENING AND DOWELS.

CURB DRAIN CUT OPENING
NO SCALE



SECTION A–A
NO SCALE



SECTION B–B
NO SCALE

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CONSTRUCTION DETAILS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: ARORTIZ

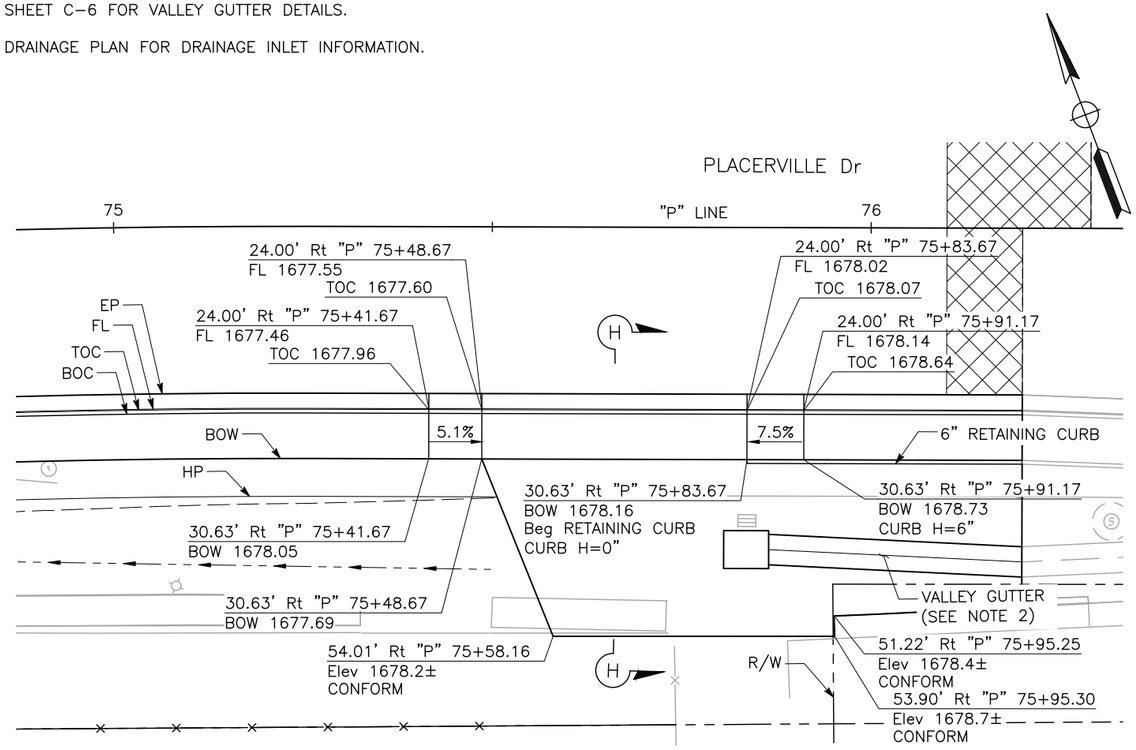
PROJECT NO.
CIP #41410
SHEET NO. C15 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

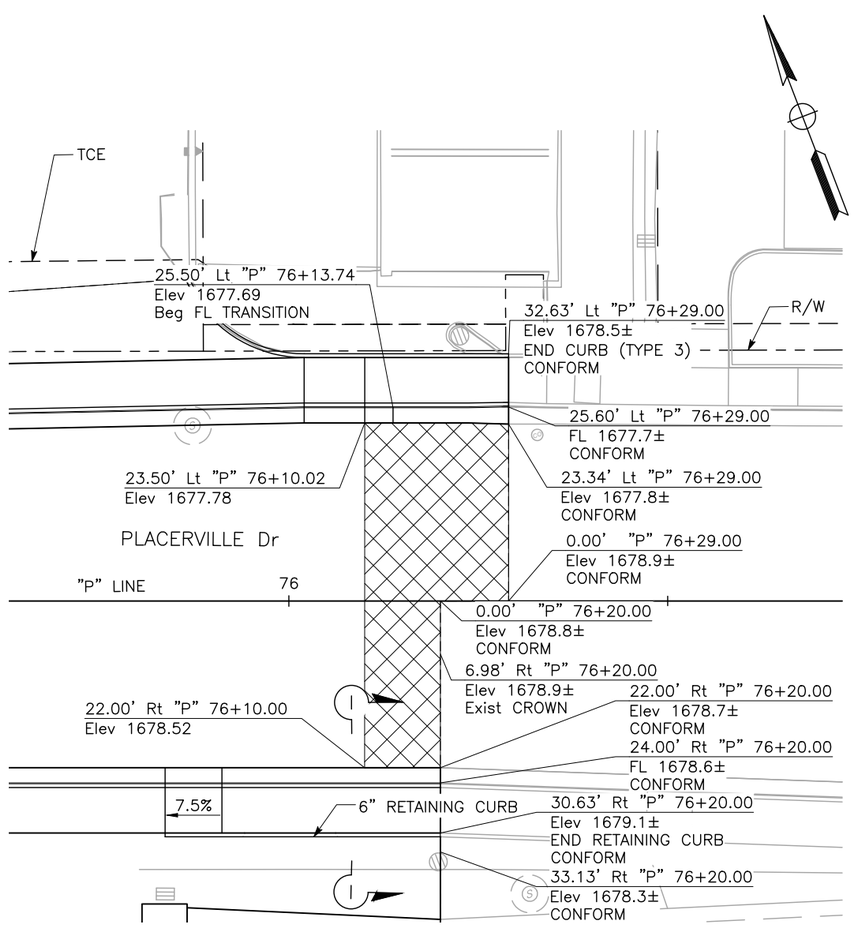
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NOTE:

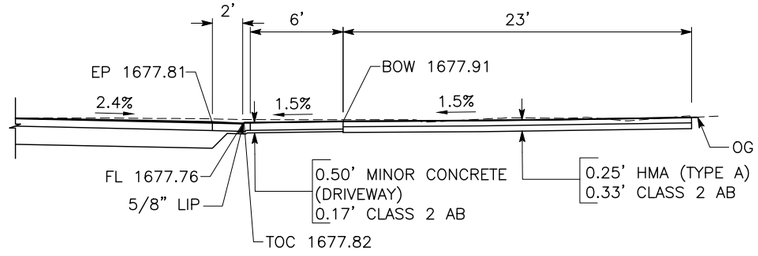
1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. SEE SHEET C–6 FOR VALLEY GUTTER DETAILS.
3. SEE DRAINAGE PLAN FOR DRAINAGE INLET INFORMATION.



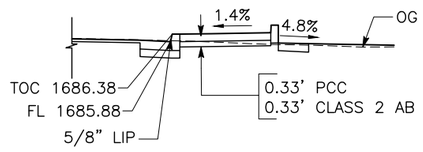
DRIVEWAY No. 5
SCALE: 1"=10'



EAST CONFORM
SCALE: 1"=10'



SECTION H–H
NO SCALE



SECTION I–I
NO SCALE

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CONSTRUCTION DETAILS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: ABOYES

PROJECT NO.
CIP #41410
SHEET NO. C16 OF C62

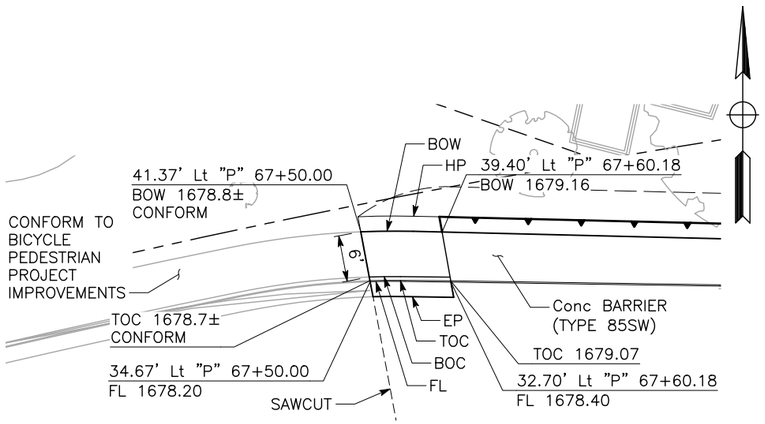
C-7

100% SUBMITTAL, NOT FOR CONSTRUCTION

\\con-fs\RanchoCordova\Projects\18028 – Placerville Dr. Bicycle–Ped and Br. Repl – Ci Placerville\18028 Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD–R–C04 TO C05.dwg Jun 15, 2026 – 4:15pm gvalencia

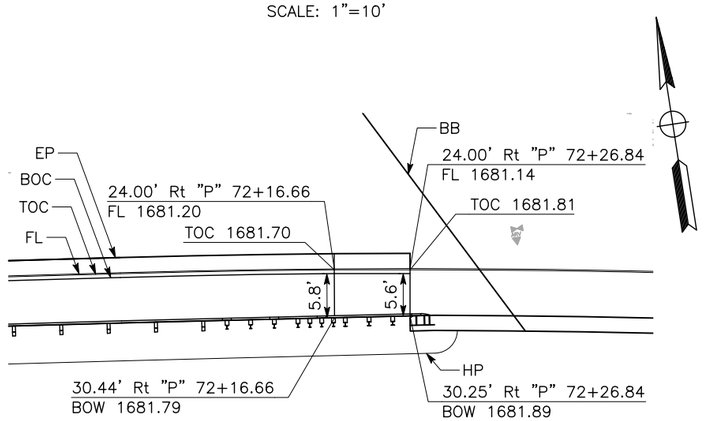
NOTE:

FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.



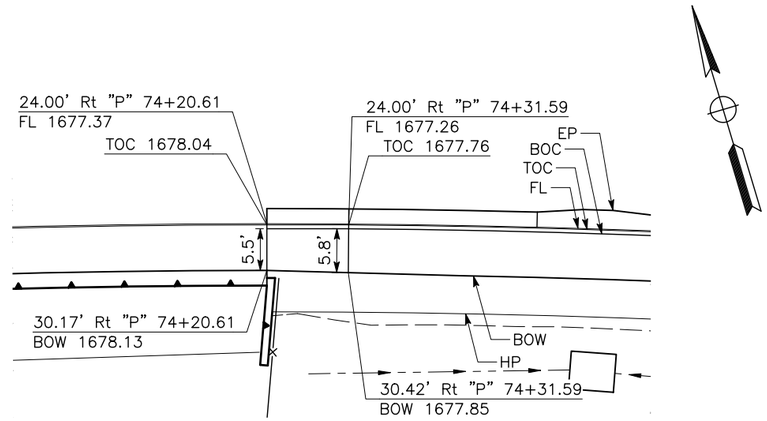
SIDEWALK TRANSITION DETAIL No. 1

SCALE: 1"=10'



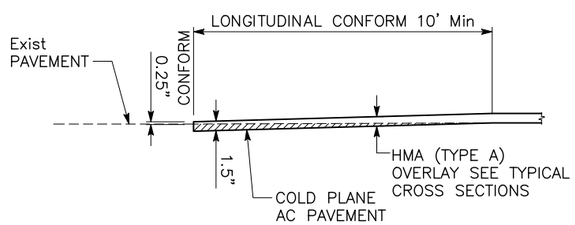
SIDEWALK TRANSITION DETAIL No. 2

SCALE: 1"=10'



SIDEWALK TRANSITION DETAIL No. 3

SCALE: 1"=10'



* RELATIVE TO DIRECTION OF TRAVEL

PAVEMENT CONFORM

NO SCALE

\\corr-fs\RanchoCordova\Projects\18028 – Placerville Dr. Bicycle-Ped and Br. Repl – CI Placerville\18028 Bridge Replacement\400 Project Design Files\420 Design Files\420 Roadway & Civil\Plans\PLD–R–C04 TO C05.dwg Jun 15, 2026 - 4:15pm gvalencia

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE

HOR. SCALE: AS NOTED

VERT. SCALE: N/A

CITY OF PLACERVILLE EL DORADO COUNTY

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:

PLACERVILLE DRIVE BRIDGE REPLACEMENT

CONSTRUCTION DETAILS

CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO

DATE: 11/14/2025

DRAFTER: JMAYER

DESIGNER: JMAYER

REVIEWER: ASMITH

PROJECT NO.

CIP #41410

SHEET NO. C17 OF C62

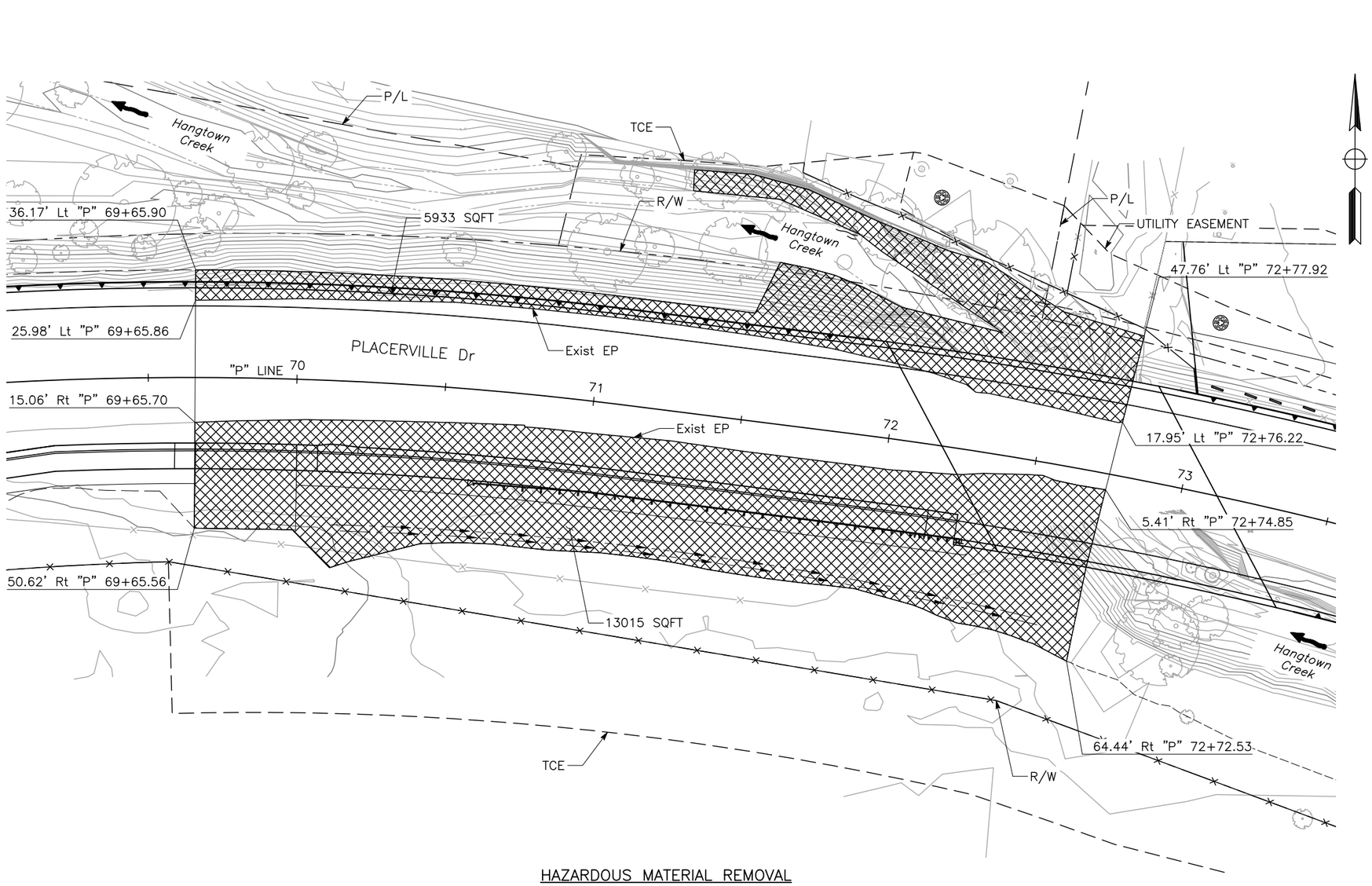
100% SUBMITTAL, NOT FOR CONSTRUCTION

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT THE CITY OFFICE.
2. EXCAVATION OF MATERIAL, INCLUDING UTILITY TRENCHING, FROM THE AREAS DELINEATED ON THIS SHEET MUST CONFORM TO "MATERIAL CONTAINING HAZARDOUS WASTE CONCENTRATION OF AERIALLY DEPOSITED LEAD" OF THE SPECIAL PROVISONS.

LEGEND:

1-2' : ROADWAY EXCAVATION (TYPE Z-2) (AERIALLY DEPOSITED LEAD)



HAZARDOUS MATERIAL REMOVAL
SCALE: 1"=20'

APPROVED FOR HAZARDOUS MATERIAL REMOVAL WORK ONLY

C-9

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

CITY OF PLACERVILLE

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CONSTRUCTION DETAILS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: ABOYER

PROJECT NO.
CIP #41410
SHEET NO. C18 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

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NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT THE CITY OFFICE.
2. INSTALL TEMPORARY HIGH VISIBILITY FENCE PRIOR TO ANY GROUND DISTURBING ACTIVITIES.

LEGEND:

TSF

TFR

THVF

TC-1: TEMPORARY CONSTRUCTION ENTRANCE (TYPE 1)

SC-1: TEMPORARY SILT FENCE

SC-4: TEMPORARY CHECK DAM (TYPE 2)

SC-5: TEMPORARY FIBER ROLL

SC-10: TEMPORARY DRAINAGE INLET PROTECTION (TYPE 3A)

TEMPORARY HIGH-VISIBILITY FENCE

WASH

NS-3

VEC VEF VEM SDR

WM-8: TEMPORARY CONCRETE WASHOUT

NS-3: PAVING AND GRINDING OPERATIONS

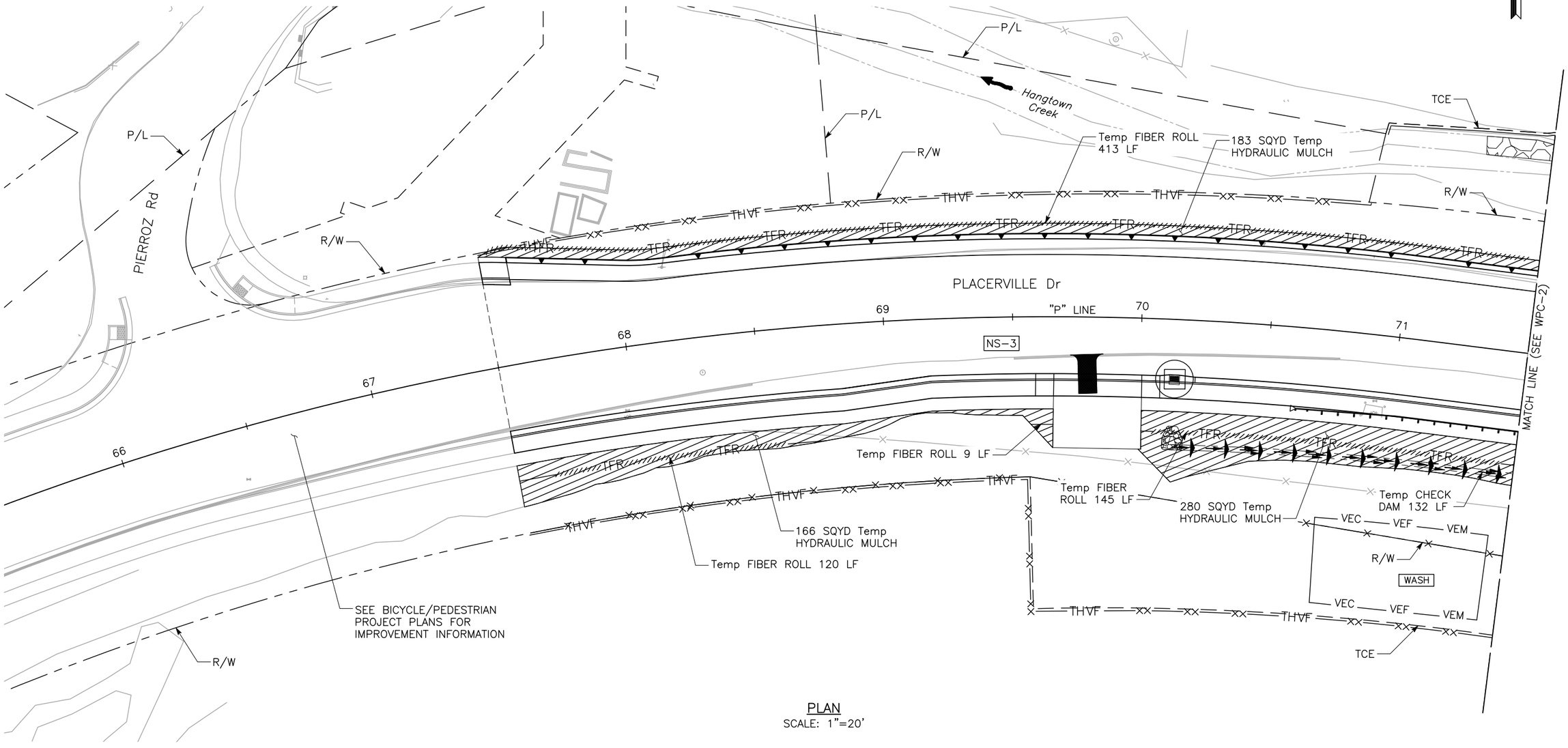
NS-8: VEHICLE AND EQUIPMENT CLEANING

NS-9: VEHICLE AND EQUIPMENT FUELING

NS-10: VEHICLE AND EQUIPMENT MAINTENANCE

NS-15: STRUCTURE DEMOLITION/REMOVAL OVER OR ADJACENT TO WATER

SS-3: TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX)



PLAN
SCALE: 1"=20'

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

WPC-1

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

TEMPORARY WATER POLLUTION CONTROL PLAN
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: AM/TS
DESIGNER: AM/TS
REVIEWER: AS/DT

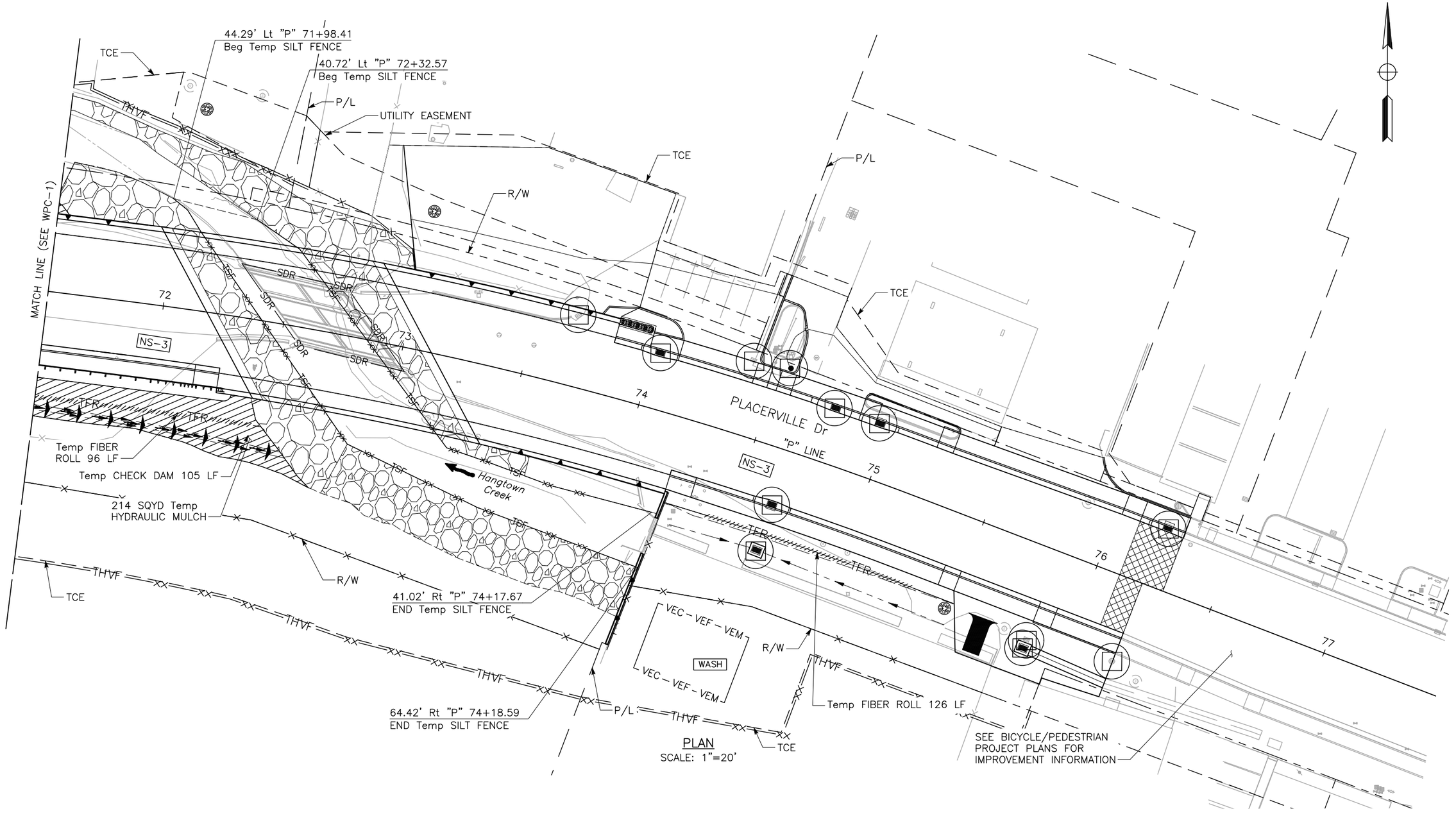
PROJECT NO.
CIP #41410
SHEET NO. C19 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

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NOTE:

FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT THE CITY OFFICE.



PLAN
SCALE: 1"=20'

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

WPC-2

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

TEMPORARY WATER POLLUTION CONTROL PLAN
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: AMAYES
DESIGNER: AMAYES
REVIEWER: ASOTES

PROJECT NO.
CIP #41410
SHEET NO. C20 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

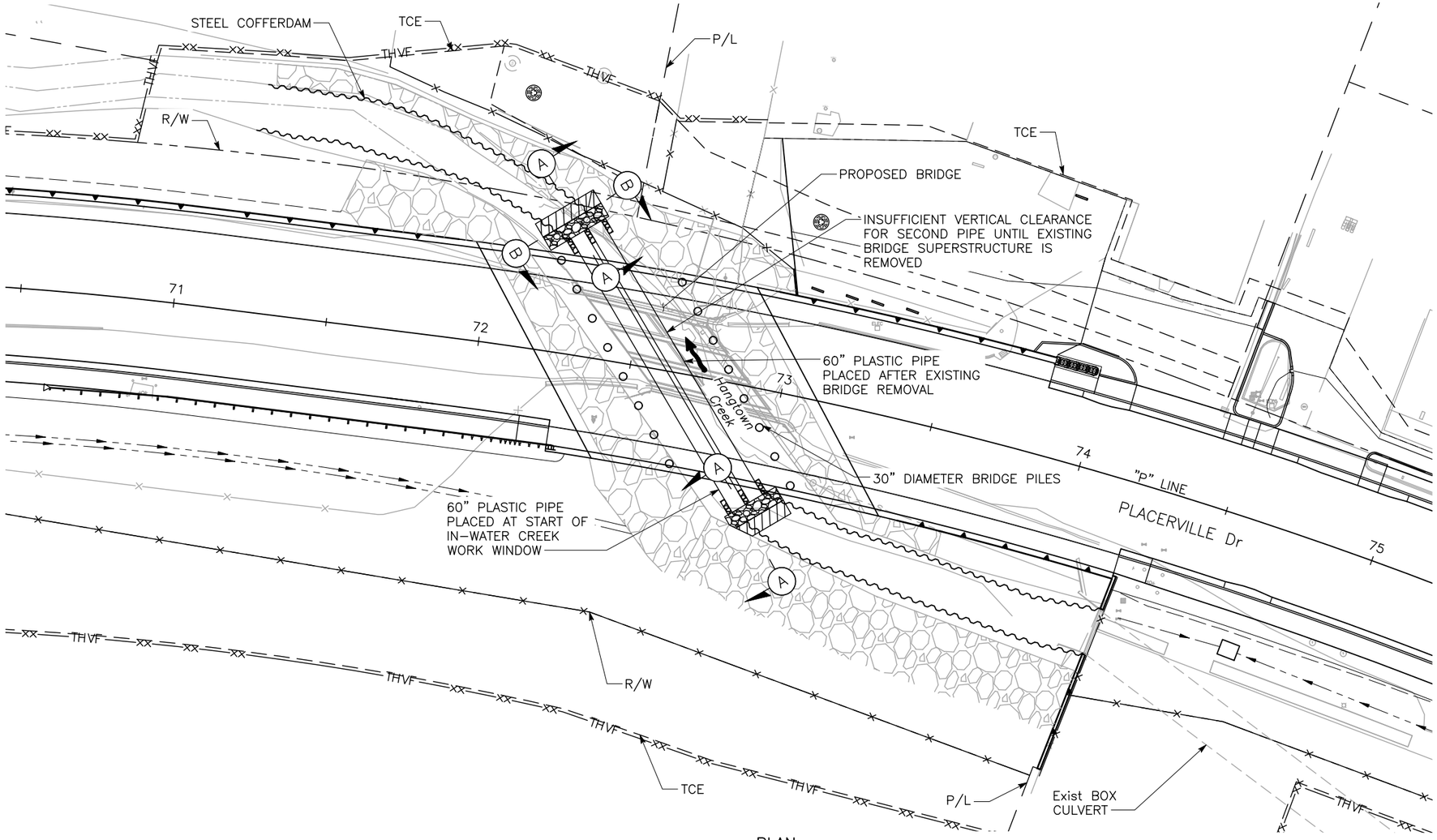
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NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. THE INFORMATION ON THIS PLAN IS INTENDED TO BE USED AS A GUIDELINE FOR THE CONTRACTOR AND SUBCONTRACTORS TO INSTALL TEMPORARY CREEK DIVERSION DEVICES. THE CONTRACTOR SHALL PREPARE A CREEK DIVERSION PLAN INCLUDING THE CONSTRUCTION SEQUENCE, EQUIPMENT, MEANS AND METHODS REQUIRED FOR ERECTION AND REMOVAL OF THE DIVERSION SYSTEM. THE PLAN SHALL BE PREPARED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF CALIFORNIA AND THE PLAN SHALL BE SUBMITTED FOR ACCEPTANCE BY THE ENGINEER AND REGULATORY AGENCIES.
3. VERIFY PEAK FLOWS IN HANGTOWN CREEK TO ENSURE PIPE SIZES SHOWN ON THIS PLAN ARE ADEQUATE.
4. ALL PIPE TO PIPE CONNECTIONS TO BE WATERTIGHT.
5. ADJUST SAND BAG LOCATIONS IN THE FIELD TO ACCOUNT FOR FIELD CONDITIONS AS APPROVED BY ENGINEER.
6. VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
7. DETERMINE CLEARANCE OF SAND BAGS TO WORK AREA.
8. SEE SHEET WPC–4 FOR SECTIONS A–A AND B–B.

LEGEND

- R/W
- PROPERTY LINE (P/L)
- TCE
- THVF — TEMPORARY HIGH–VISIBILITY FENCE
- COFFERDAM (TEMPORARY GRAVEL BAG BERM)
- GRAVEL BEDDING
- FILTER MATERIAL WITH FILTER FABRIC UNDERNEATH
- STEEL COFFERDAM



PLAN
SCALE: 1"=20'

WPC-3

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

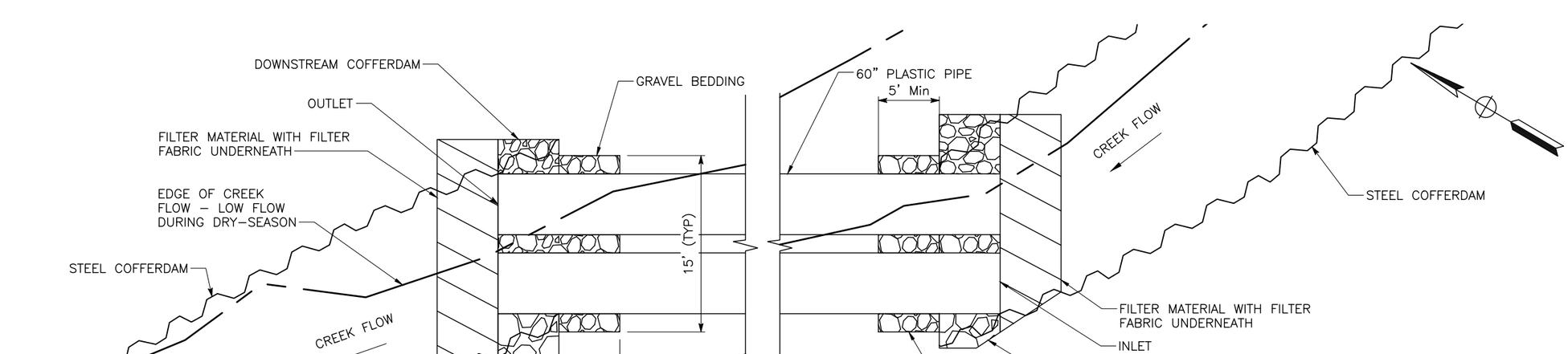
TEMPORARY CREEK DIVERSION PLAN
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: ASORIA

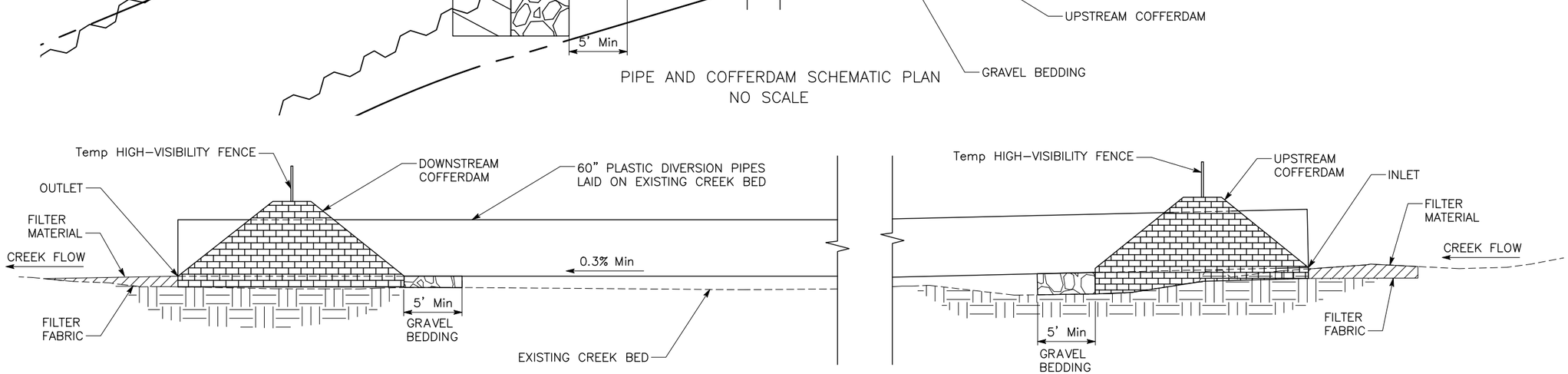
PROJECT NO.
CIP #41410
SHEET NO. C21 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

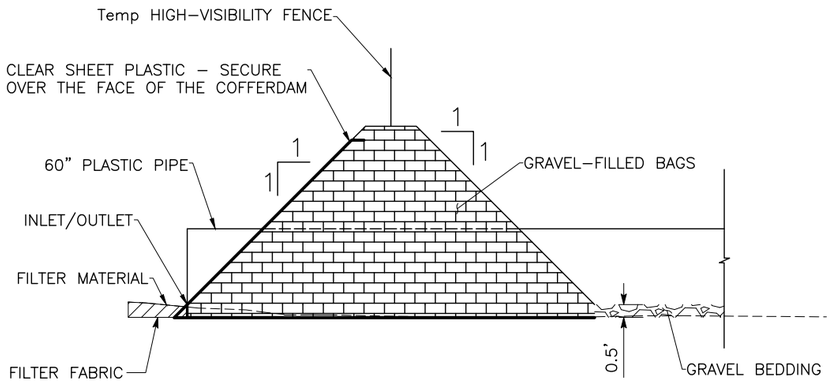
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PIPE AND COFFERDAM SCHEMATIC PLAN
NO SCALE

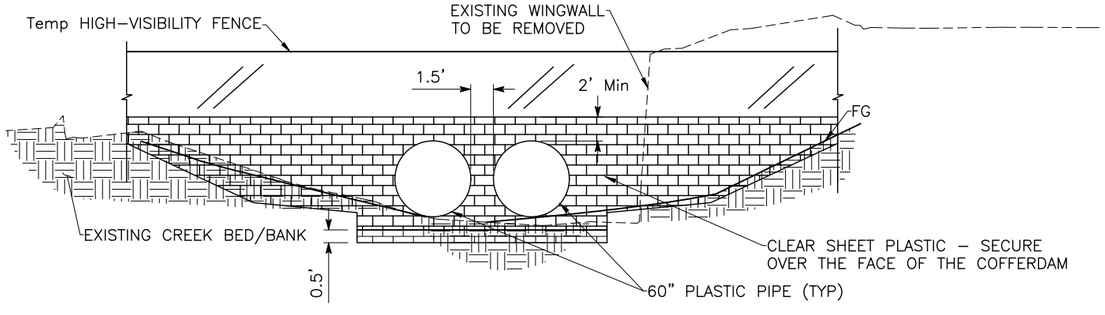


PIPE AND COFFERDAM SCHEMATIC PROFILE
NO SCALE



SECTION A–A

NO SCALE



SECTION B–B

NO SCALE

WPC-4

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

TEMPORARY CREEK DIVERSION PLAN
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: ABOYER

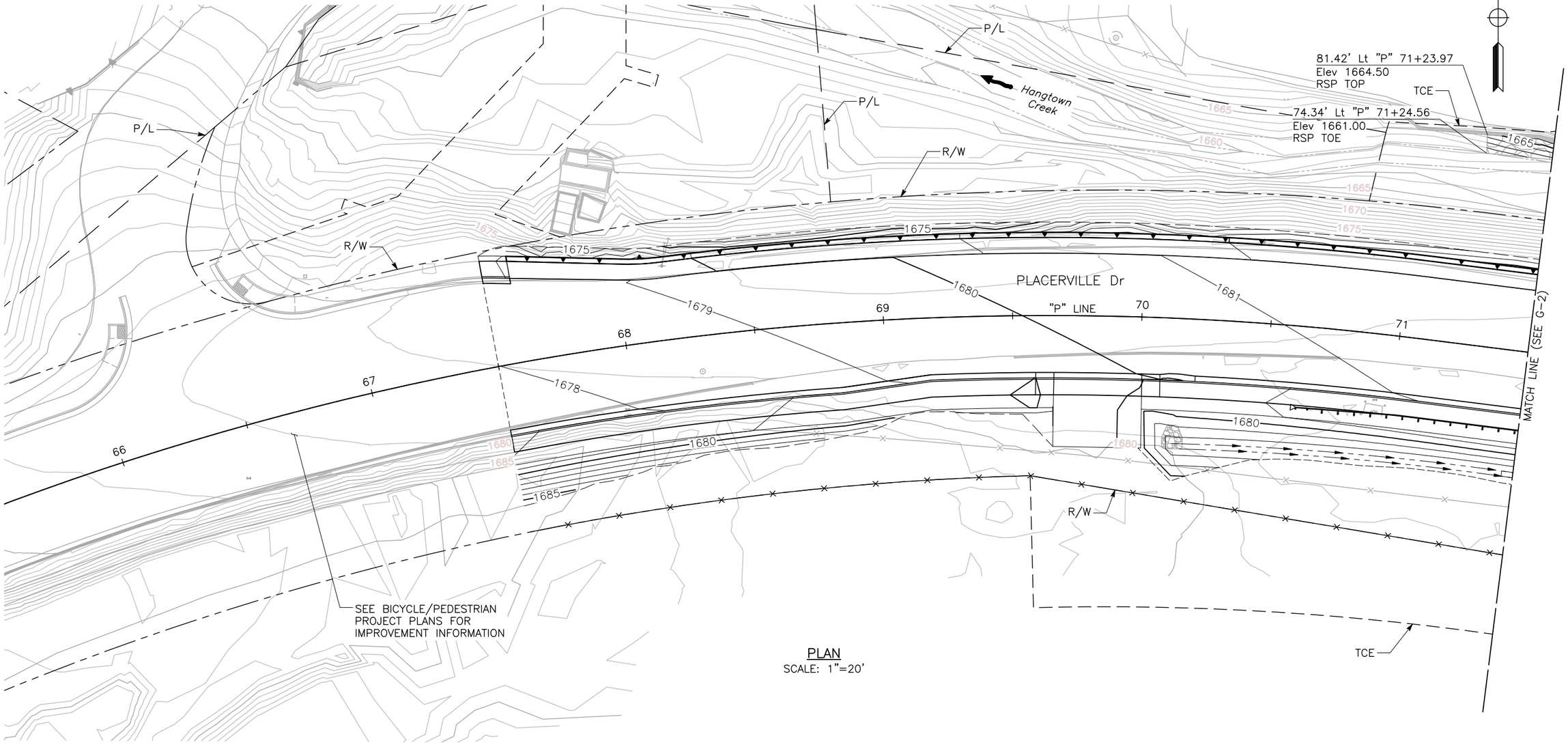
PROJECT NO.
CIP #41410
SHEET NO. C22 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

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NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. FOR ADDITIONAL BRIDGE, ABUTMENT INFORMATION AND RETAINING WALL INFORMATION, SEE STRUCTURE PLANS.
3. FOR SWALE FLOWLINE AND STORM DRAIN SYSTEM INFORMATION, SEE DRAINAGE PLAN.
4. CONTOURS SHOWN AT 1' AND 5' INTERVALS.



PLAN
SCALE: 1"=20'

APPROVED FOR CONTOUR GRADING WORK ONLY

G-1

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CONTOUR GRADING
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMA/PS
DESIGNER: JMA/PS
REVIEWER: ASD/PS

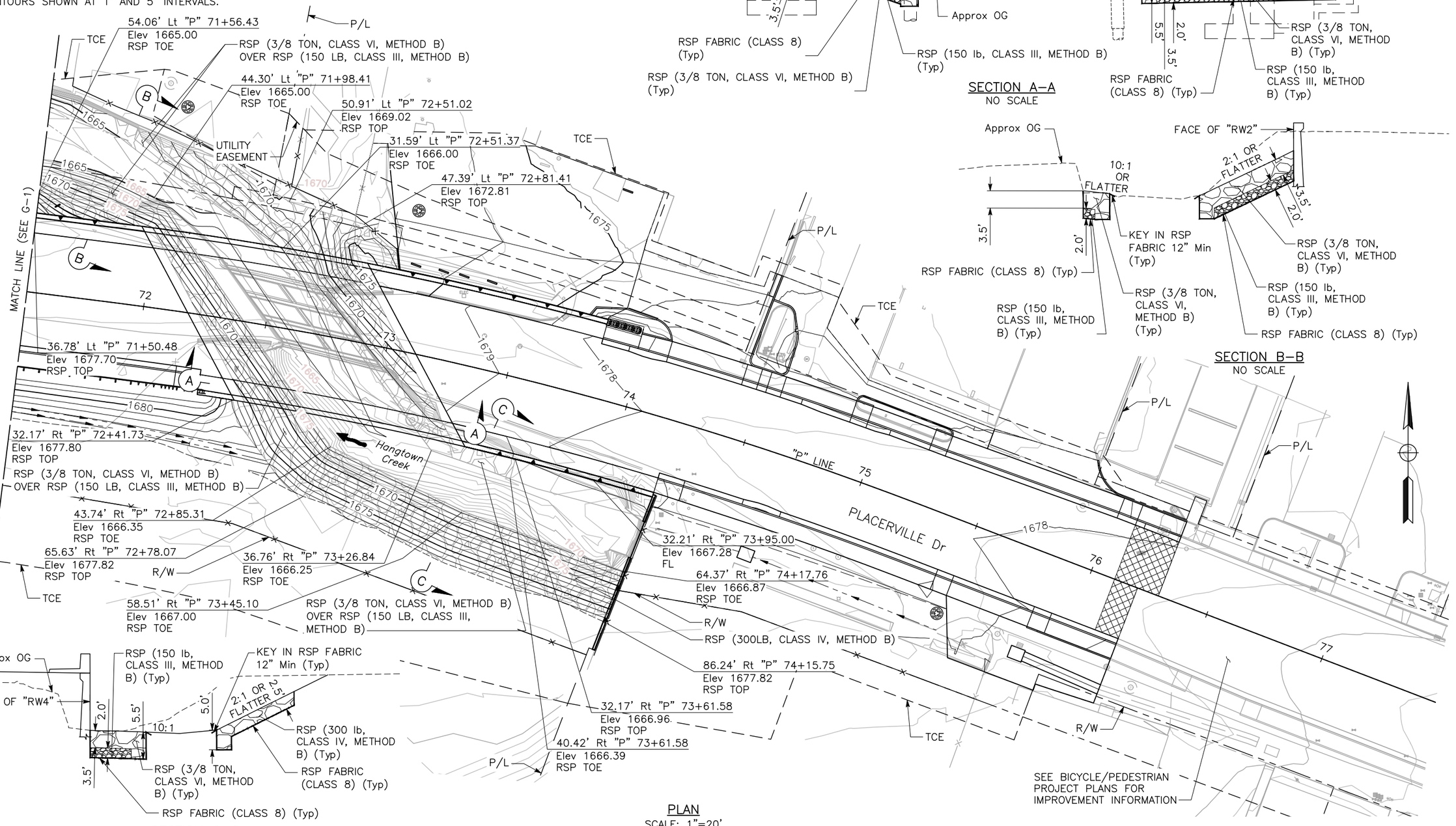
PROJECT NO.
CIP #41410
SHEET NO. C23 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

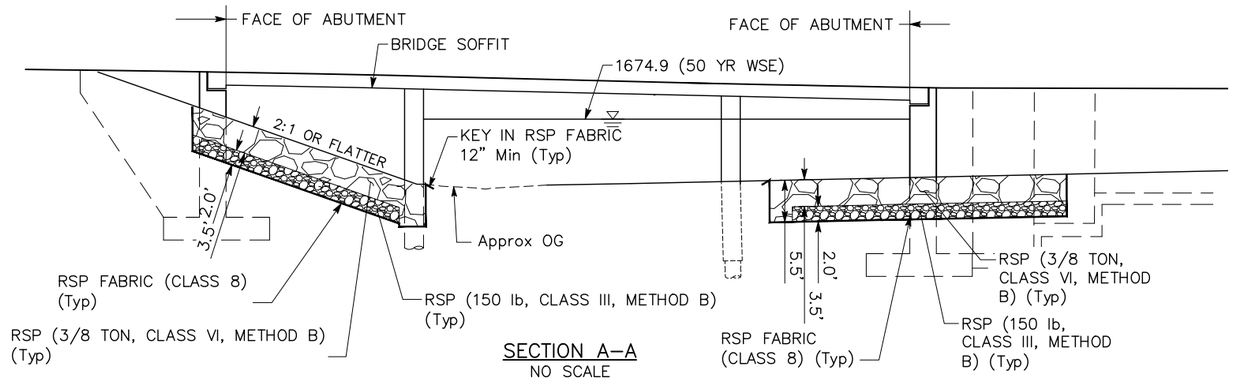
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NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. FOR ADDITIONAL BRIDGE, ABUTMENT INFORMATION AND RETAINING WALL INFORMATION, SEE STRUCTURE PLANS.
3. FOR SWALE FLOWLINE AND STORM DRAIN SYSTEM INFORMATION, SEE DRAINAGE PLAN.
4. CONTOURS SHOWN AT 1' AND 5' INTERVALS.



PLAN
SCALE: 1"=20'



SECTION A–A
NO SCALE

SECTION B–B
NO SCALE

SECTION C–C
NO SCALE

APPROVED FOR CONTOUR GRADING WORK ONLY

G-2

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

CITY OF PLACERVILLE

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CONTOUR GRADING
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMA/PS
DESIGNER: JMA/PS
REVIEWER: ASD/PS

PROJECT NO.
CIP #41410
SHEET NO. C24 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

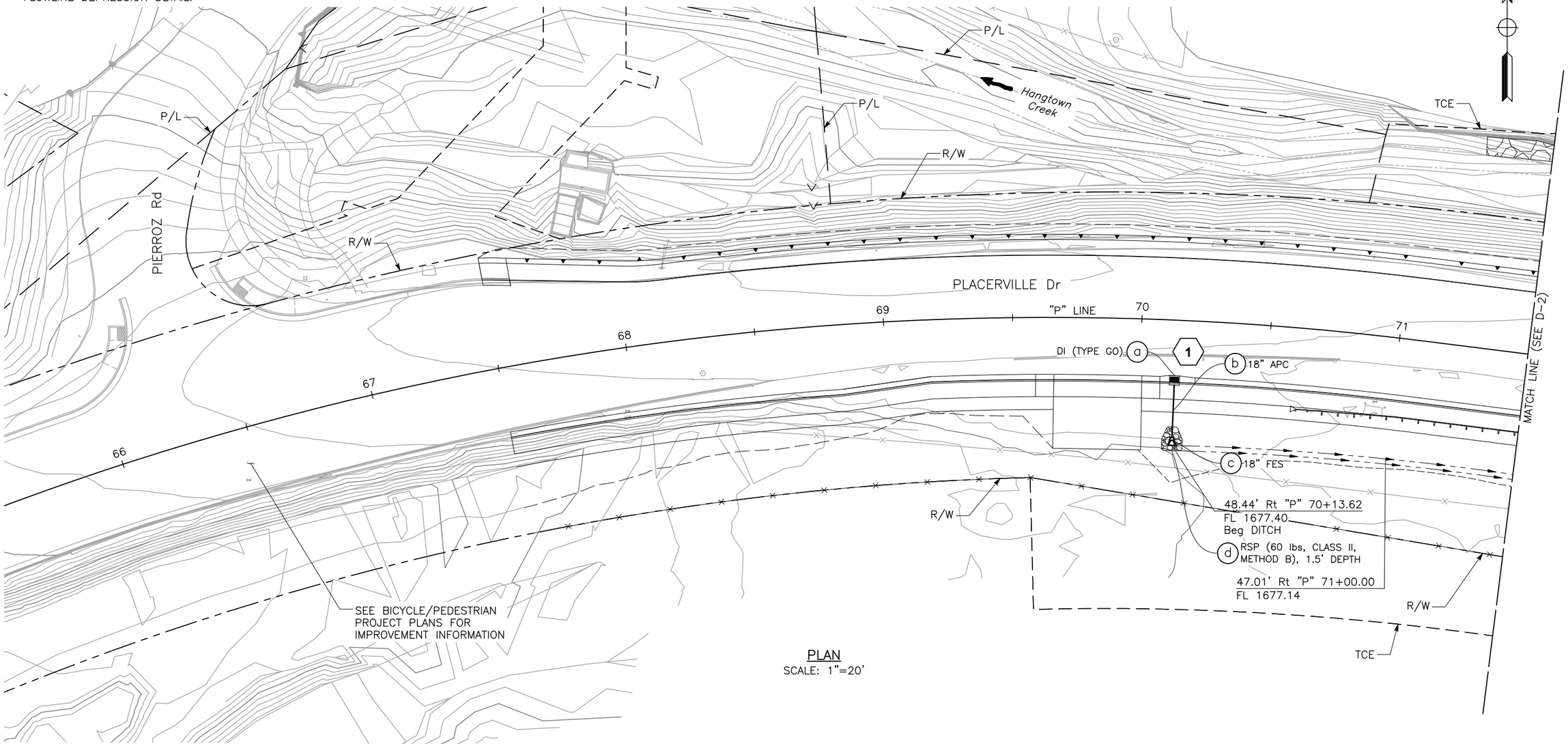
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NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. VERIFY ALL EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION. SEE UTILITY PLAN FOR UTILITY INFORMATION.
3. VERIFY ALL EXISTING DRAINAGE STRUCTURES PRIOR TO FABRICATING ANY MATERIAL.
4. SEE COUNTY OF EL DORADO STANDARD DETAILS FOR STORM DRAIN MANHOLE AND PCC BACKFILL FOR SHALLOW TRENCH DETAILS AND INFORMATION.
5. SEE CALTRANS STANDARD PLAN DETAIL D73B, D73C, D73E, D73F, D73G, D74, D75B, D75C, AND D77B FOR DRAINAGE INLET, PIPE INLET, AND GRATE DETAILS.
6. SEE EL DORADO COUNTY STANDARD PLAN 115B FOR GUTTER FLOWLINE DEPRESSION DETAIL.

LEGEND:

- (#) DRAINAGE SYSTEM No.
- (X) DRAINAGE UNIT
- ROCK SLOPE PROTECTION (RSP)
- CUT
- FILL
- DITCH FLOWLINE



PLAN
SCALE: 1"=20'

APPROVED FOR DRAINAGE WORK ONLY

D-1

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
1060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
DRAINAGE PLAN
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JM/CS
DESIGNER: JM/CS
REVIEWER: AB/DS

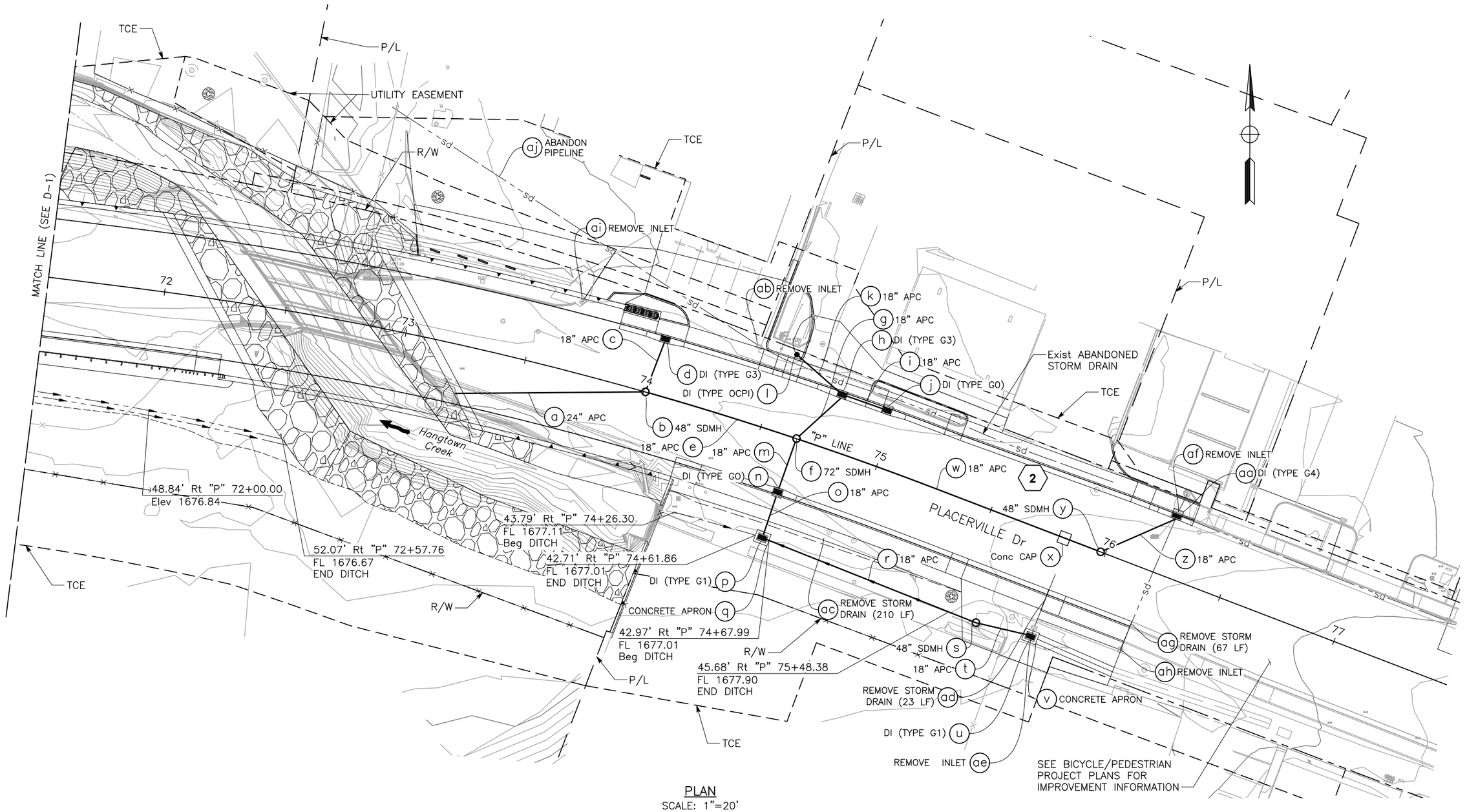
PROJECT NO.
CIP #41410
SHEET NO. C25 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

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NOTE:

FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.



PLAN
SCALE: 1"=20'

APPROVED FOR DRAINAGE WORK ONLY

D-2

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

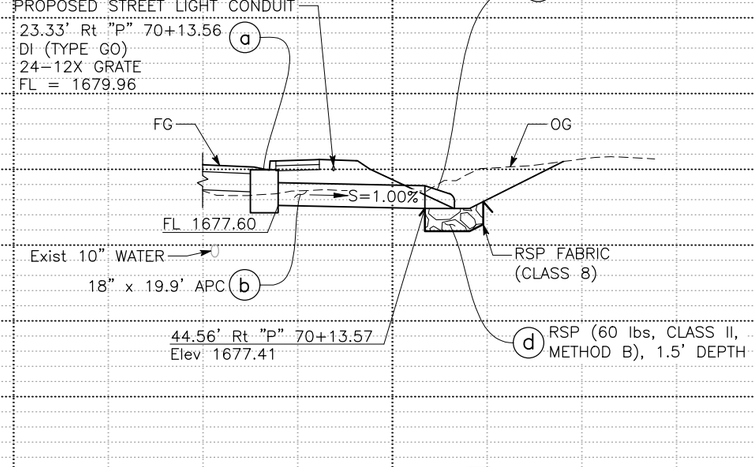
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
DRAINAGE PLAN
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: J.MAYER
DESIGNER: J.MAYER
REVIEWER: A.BOYES

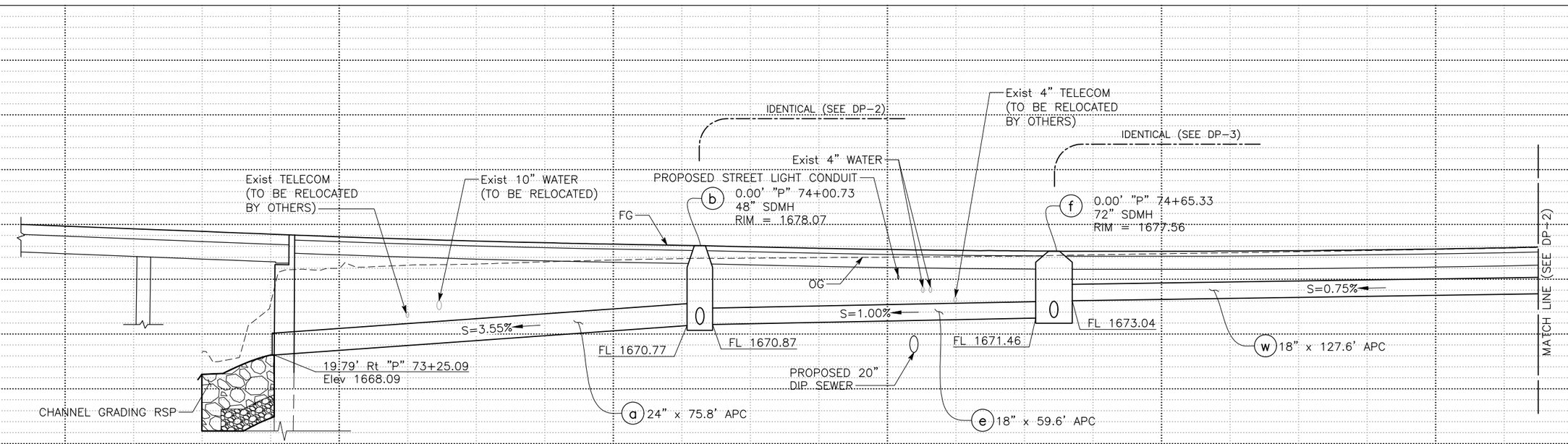
PROJECT NO.
CIP #41410
SHEET NO. C26 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

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DRAINAGE SYSTEM No. 1



DRAINAGE SYSTEM No. 2

SCALE: Horiz 1"=10'
Vert 1"=5'

DP-1

NO	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CITY OF PLACERVILLE CALIFORNIA

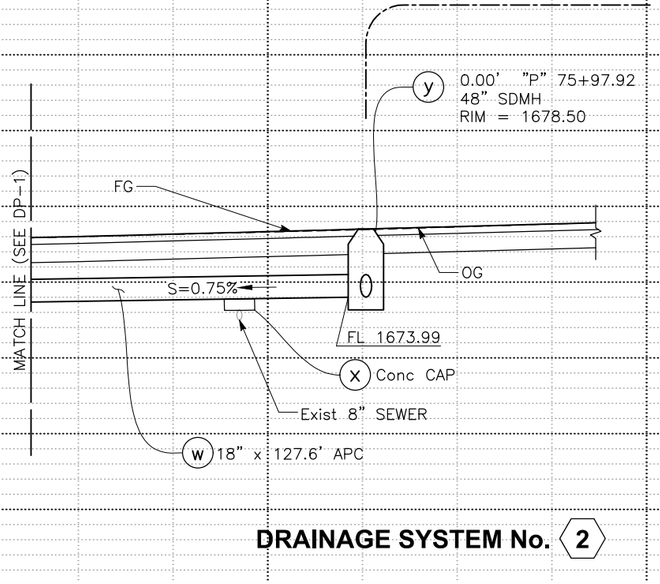
DRAINAGE PROFILES

DRAWING INFO
DATE 11/14/25
DRAFTER AM/TS
DESIGNER AM/TS
REVIEWER AB/DB

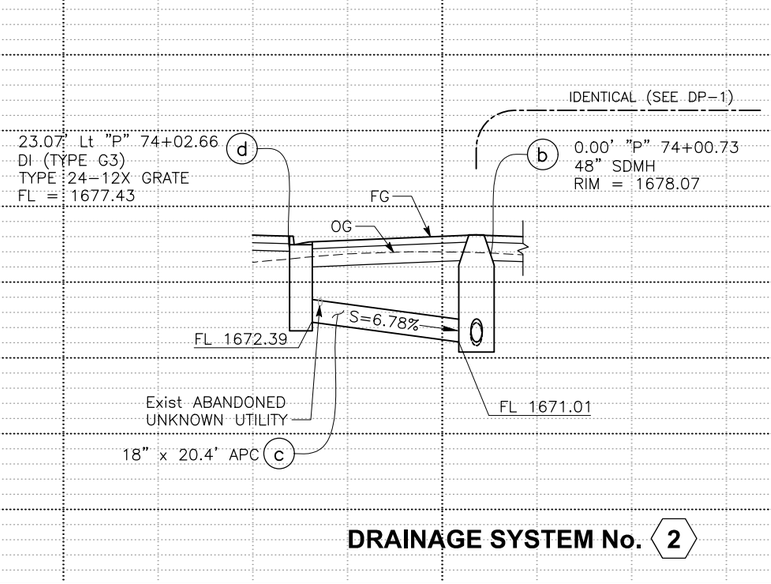
PROJECT NO.
CIP #41410
SHEET NO. C27 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

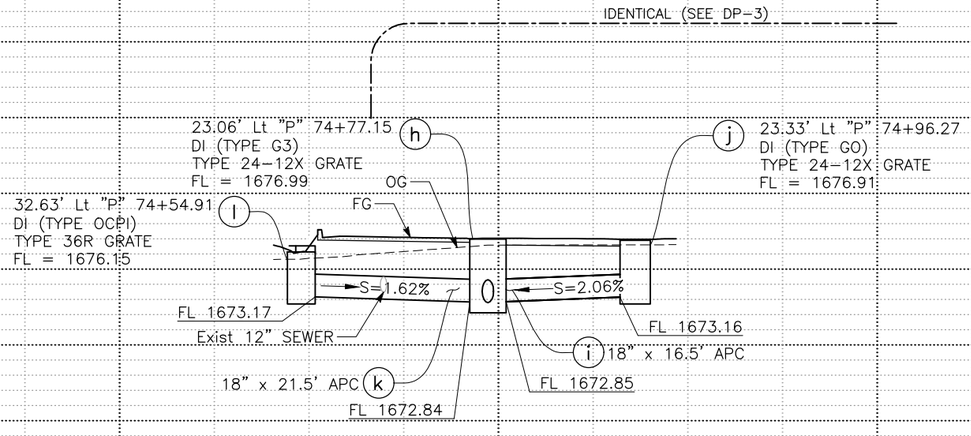
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DRAINAGE SYSTEM No. 2



DRAINAGE SYSTEM No. 2



DRAINAGE SYSTEM No. 2

SCALE: Horiz 1"=10'
Vert 1"=5'

DP-2

NO	REVISION	DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

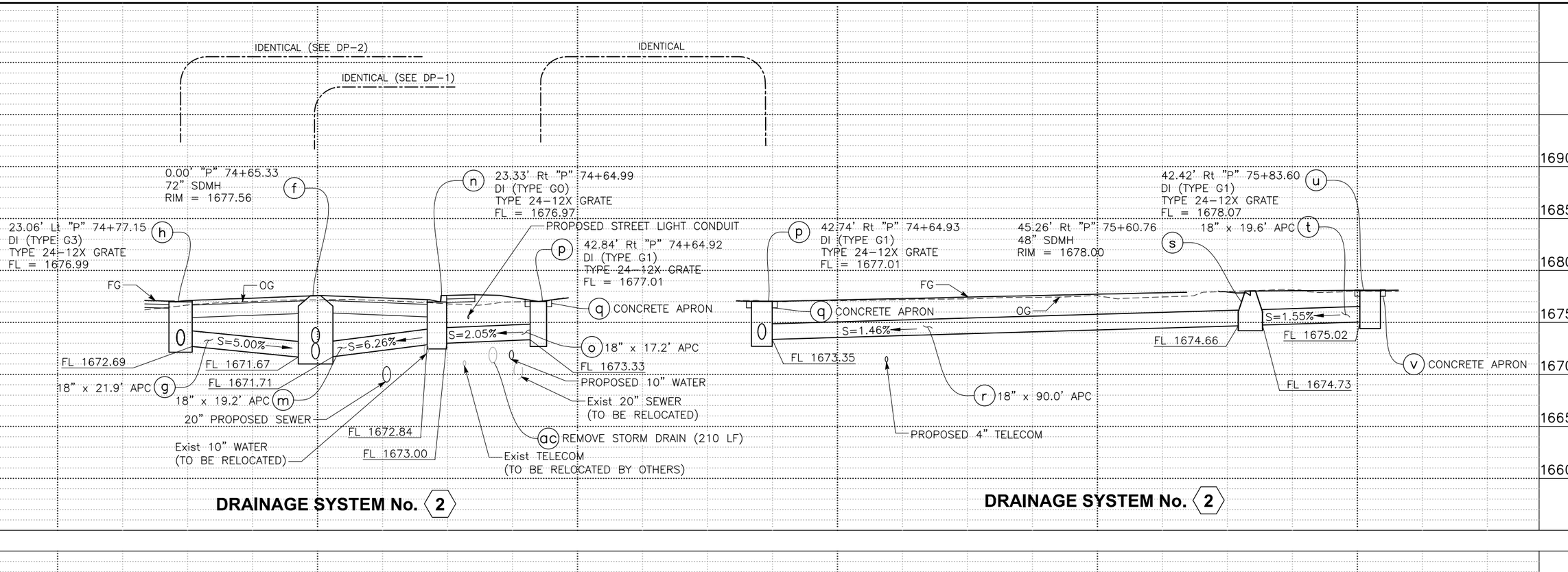
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
DRAINAGE PROFILES
CITY OF PLACERVILLE CALIFORNIA

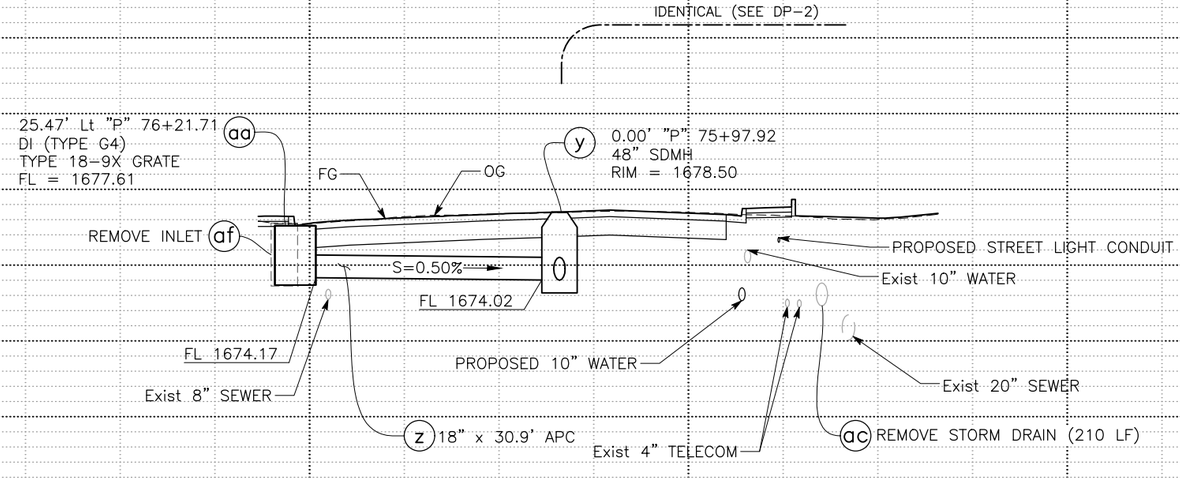
DRAWING INFO
DATE 11/14/2025
DRAFTER AM/TS
DESIGNER AM/TS
REVIEWER AB/TS

PROJECT NO.
CIP #41410
SHEET NO. C28 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

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SCALE: Horiz 1"=10'
Vert 1"=5'

DP-3

NO	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

CITY OF PLACERVILLE

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CITY OF PLACERVILLE CALIFORNIA

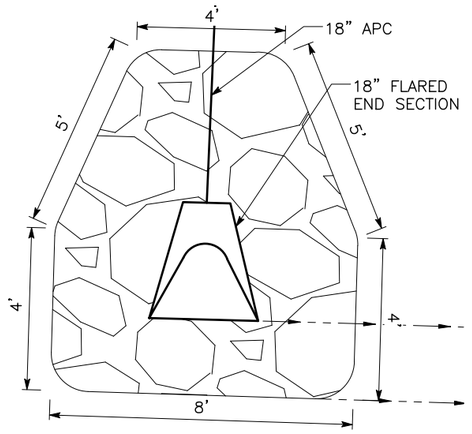
DRAINAGE PROFILES

DRAWING INFO
DATE 11/14/2025
DRAFTER AM/TS
DESIGNER AM/TS
REVIEWER AB/TS

PROJECT NO.
CIP #41410
SHEET NO. C29 OF C62

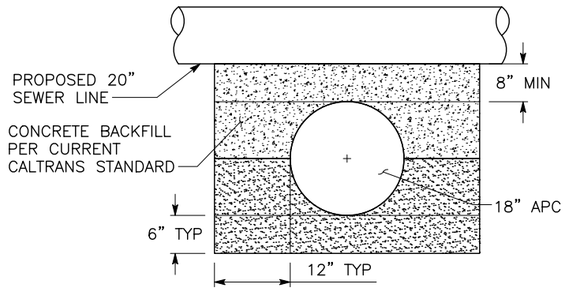
100% SUBMITTAL, NOT FOR CONSTRUCTION

U:\18028 – Placerville Dr, Bicycle-Ped and Br. Repl – CI, Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD-R-DP.dwg Jun 15, 2026 – 12:18pm, avalencia



DRAINAGE SYSTEM NO. 1

(d) RSP (60 lbs, CLASS II, METHOD B)



CONCRETE CAP

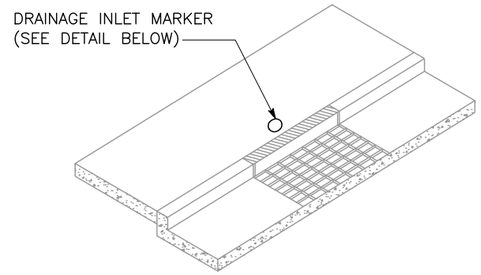
NO SCALE

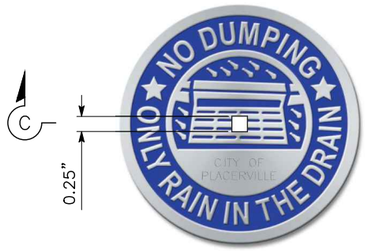
DRAINAGE SYSTEM NO. 2

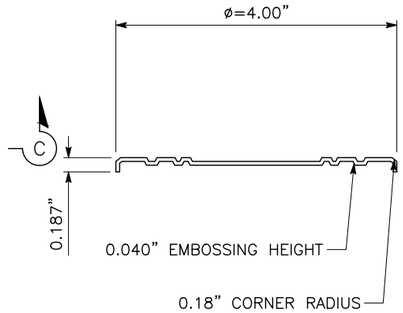
(x) CONCRETE CAP

NOTE:

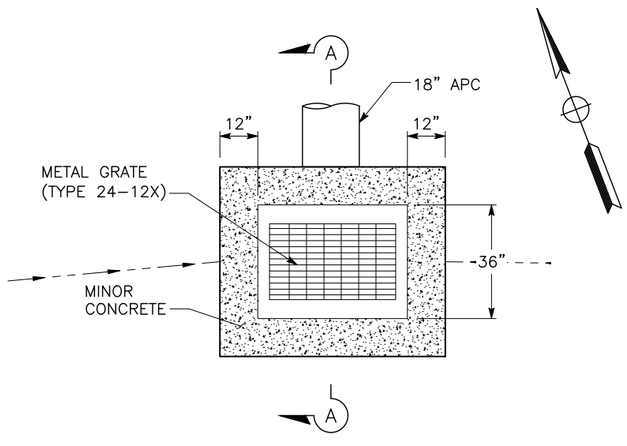
ALL NEW OR RECONSTRUCTED DRAINAGE INLETS SHALL HAVE A DRAINAGE INLET MARKER. ALL MARKERS SHALL BE APPROVED BY THE CITY INSPECTOR PRIOR TO BEING USED.

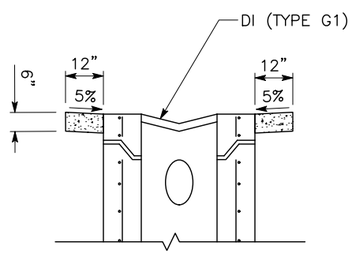






SECTION C–C





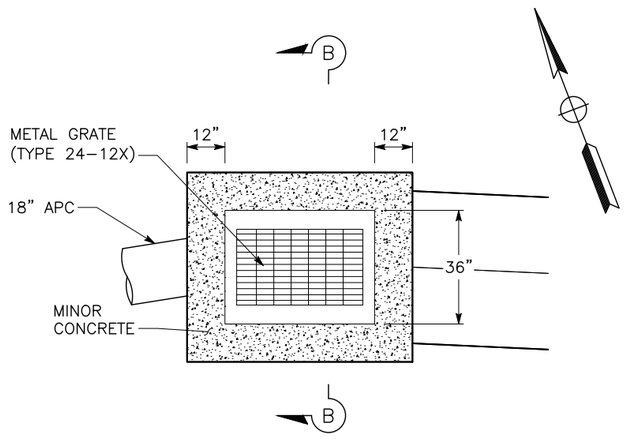
SECTION A–A

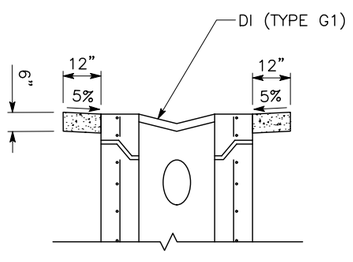
CONCRETE APRON

NO SCALE

DRAINAGE SYSTEM NO. 2

(q) CONCRETE APRON





SECTION B–B

CONCRETE APRON

NO SCALE

DRAINAGE SYSTEM NO. 2

(v) CONCRETE APRON

DD-1

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

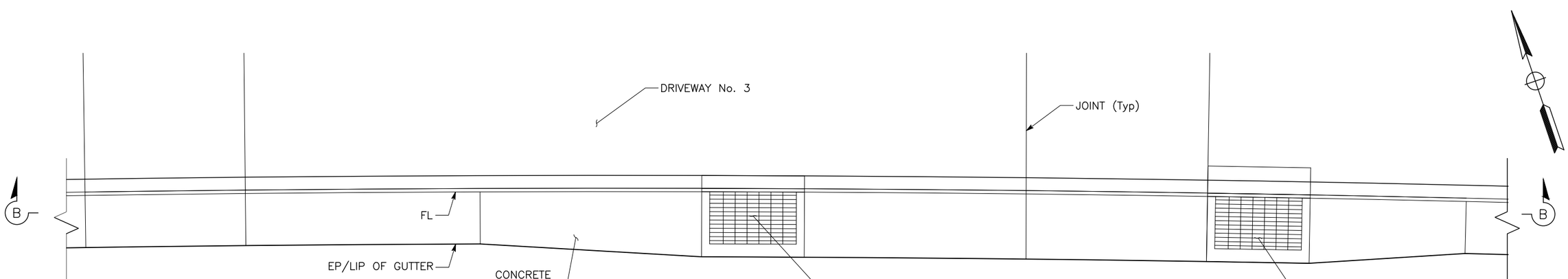
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
DRAINAGE DETAILS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: AM/TC
DESIGNER: AM/TC
REVIEWER: AS/DT

PROJECT NO.
CIP #41410
SHEET NO. C30 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

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DEPRESSED DRIVEWAY CURB INLET DETAIL

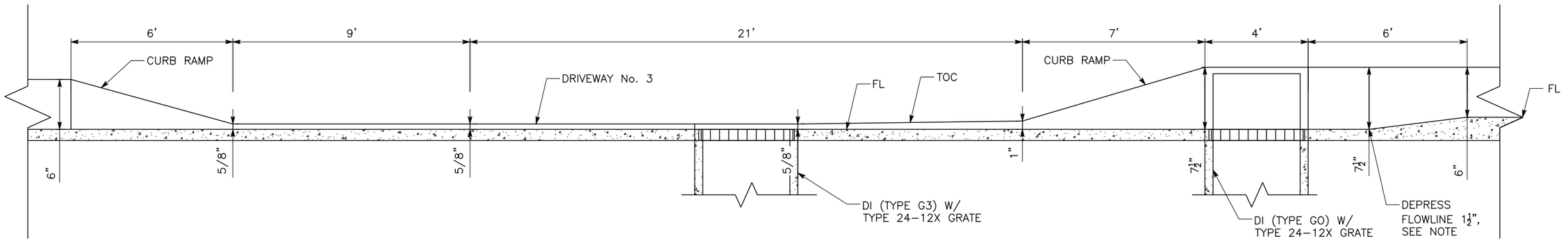
NO SCALE

DRAINAGE SYSTEM NO. 2

(h) DI (TYPE G3) TYPE 24–12X GRATE

NOTE:

SEE EL DORADO COUNTY STANDARD PLAN 115B FOR GUTTER FLOWLINE DEPRESSION DETAIL.



EXAGGERATED FLOWLINE CROSS SECTION

SECTION B–B

DD-2

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

CITY OF PLACERVILLE EL DORADO COUNTY

Dewberry
1060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
DRAINAGE DETAILS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMA/GS
DESIGNER: JMA/GS
REVIEWER: ARD/RS

PROJECT NO.
CIP #41410
SHEET NO. C31 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

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ABBREVIATIONS:

&	AND
AB	AGGREGATE BASE
AC	ASPHALT CONCRETE, ASBESTOS CEMENT PIPE
APPX	APPROXIMATELY
ARV	AIR RELEASE VALVE
AVE	AVENUE
AWG	AMERICAN WIRE GAUGE
BF	BLIND FLANGE, BUTTERFLY VALVE
BFP	BACKFLOW PREVENTION DEVICE
CCI	CONSOLIDATED COMMUNICATIONS
CF	CUBIC FEET
CL	CENTERLINE
COM	COMCAST
COMP	COMPRESSION COUPLING
CON	CONNECT
CPLG	COUPLING
CPS	COPPER PIPE SIZE
DDC	DOUBLE DETECTOR CHECK VALVE
DI	DRAINAGE INLET
DIA	DIAMETER
DIP	DUCTILE IRON PIPE
E	EXISTING, EAST
EA	EACH
EID	EL DORADO IRRIGATION DISTRICT
ELEC	ELECTRIC
ELEV	ELEVATION
ELL	ELBOW
EOP	EDGE OF PAVEMENT
FG	FINISHED GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FLG	FLANGE
FM	FORCE MAIN
G	GAS
GA	GAUGE
GALV	GALVANIZED
GB	GRADE BREAK
GPM	GALLONS PER MINUTE
GS	GAS SERVICE, GROUND SHOT
H	HEIGHT
HEX	HEXAGONAL
HORZ	HORIZONTAL
HWY	HIGHWAY
I	INVERT
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
INV	INVERT
IPS	IRON PIPE SIZE
JT	JOINT TRENCH
L	LENGTH
LF	LINEAR FEET
LN	LANE
LOC	LOCATION
LT	LEFT
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MH	MANHOLE
MIN	MINIMUM
MISC MTL	MISCELLANEOUS METAL
MJ	MECHANICAL JOINT
MLCC	MORTAR LINED CONCRETE COATED STEEL
N	NORTH
N/A	NOT APPLICABLE
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
ODS	OUTSIDE DIAMETER STEEL
OH	OVERHEAD UTILITY
PCC	PORTLAND CEMENT CONCRETE
PE, POLY	POLYETHYLENE
PGE	PACIFIC GAS AND ELECTRIC
PL	PROPERTY LINE
PP	POWER POLE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
QTY	QUANTITY
R	RADIUS
RCP	REINFORCED CONCRETE PIPE
REF	REFERENCE
REQ'D	REQUIRED
REVEG	REVEGETATION
RJ	RESTRAINED JOINT
ROW, RW	RIGHT-OF-WAY
RP	REDUCED PRESSURE (BACKFLOW)
RT	RIGHT
S	SOUTH
SCADA	SUPERVISORY CONTROL & DATA ACQ.
SCH	SCHEDULE
SD	STORM DRAIN
SDMH	STORM DRAIN MANHOLE
SF	SQUARE FOOT
SHT	SHEET
SL	SERVICE LINE
SMH	SEWER MANHOLE
SP	SAMPLE PORT (SAMPLE STATION)
SPEC	SPECIFICATIONS
SQ	SQUARE
SS	SANITARY SEWER, STAINLESS STEEL
SSL	SANITARY SEWER LATERAL
SSMH	SANITARY SEWER MANHOLE
ST	STREET
STA	STATION
STD	STANDARD
STL	STEEL
STR	STRUCTURE
SWPPP	STORM WATER POLLUTION PREVENTION
TAN	TANGENT
TBC	TOP BACK CURB
TBD	TO BE DETERMINED
TEL	AT&T TELEPHONE
TEMP	TEMPORARY
TG	TOP OF GRATE
TR	TOP OF RIM
TW	TRAVELED WAY
TYP	TYPICAL
UG	UNDERGROUND
UTIL	UTILITY
V	VERTICAL
VAR	VARIES
W	WATER, WEST
W/	WITH
WM	WATER METER
WS	WATER SERVICE
WV	WATER VALVE
YD	YARD

EXISTING:

SEWER: ——— S ——— S ———

WATER (8" DIP): ——— W ——— W ———

OVERHEAD TELECOMM: ——— T ——— (OH) ———

JOINT OVERHEAD: ——— JT ——— (OH) ———

UNDERGROUND TELECOM: ——— T ——— T ———

STORM DRAIN: ——— SD ——— SD ———

PROPERTY LINE: ———————————

TEMPORARY CONSTRUCTION EASEMENT (TCE): — — — — — — —

RIGHT-OF WAY (R/W): ———————————

PROPOSED:

SEWER: ——— S ——— S ———

WATER: ——— W ——— W ———

OVERHEAD TELECOMM: ——— T ——— (OH) ———

JOINT OVERHEAD: ——— JT ——— (OH) ———

UNDERGROUND TELECOM: ——— T ——— T ———

STORM DRAIN: ——— SD ——— SD ———

90° ELBOW: 45° ELBOW:

FIRE HYDRANT: AIR RELEASE:

EID GENERAL NOTES:

1. WORK MUST BE ACCOMPLISHED UNDER THE APPROVAL, INSPECTION AND TO THE SATISFACTION OF THE EL DORADO IRRIGATION DISTRICT (EID). CONSTRUCTION MUST CONFORM TO THESE PLANS AND EID'S LATEST VERSION OF THE TECHNICAL SPECIFICATIONS, THE STANDARD DRAWINGS, AND CURRENT DRINKING WATER REGULATIONS, WHICH EVER IS MORE STRINGENT.
2. CONTRACTOR MUST SCHEDULE A PRECONSTRUCTION CONFERENCE WITH EID INSPECTION 5 WORKING DAYS IN ADVANCE OF DOING WORK WITHIN THEIR JURISDICTION. CONSTRUCTION MUST BE STARTED NO LATER THAN FIVE(5) DAYS AFTER THE PRECONSTRUCTION CONFERENCE.
3. LOCATION OF ALL UNDERGROUND FACILITIES ARE APPROXIMATE ONLY – THE CONTRACTOR MUST BE RESPONSIBLE FOR VERIFYING THE LOCATION AND DEPTH OF ALL FACILITIES PRIOR TO ANY EXCAVATION.
4. CONTRACTOR MUST BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UNDERGROUND FACILITIES AFFECTED BY THE WORK AND MUST CONTACT UNDERGROUND SERVICES ALERT (USA) 48 HOURS PRIOR TO ANY EXCAVATION WORK FOR DETERMINATION AND LOCATION OF UNDERGROUND UTILITIES (811 OR 800-227-2600)
5. CONNECTIONS TO EXISTING WATER FACILITY MUST BE DONE BY A LICENSED CONTRACTOR IN ACCORDANCE WITH EID TIE-IN PROCEDURES PER TECHNICAL SPECIFICATION.
6. WHERE EXCAVATIONS FOR ANY FACILITIES CONSTRUCTION EXCEED 5 FEET IN DEPTH, CONTRACTOR MUST OBTAIN AN EXCAVATION PERMIT FORM CAL/OSHA IN SACRAMENTO (PHONE 1-916-263-2800) POST PERMIT AT THE CONSTRUCTION SITE AND COMPLY WITH ALL REQUIREMENTS.
7. THE CONTRACTOR MUST NOTIFY EID INSPECTION 48 WORKING HOURS PRIOR TO START OR RESTART OF WORK.
8. ONLY EID PERSONNEL CAN OPERATE ANY VALVES OR APPURTENANCES ON EXISTING WATER SYSTEM.
9. PIPELINES MUST BE HYDROSTATICALLY TESTED, DISINFECTED, AND FLUSHED IN ACCORDANCE WITH EID'S TECHNICAL SPECIFICATIONS AND CURRENT AMERICAN WATER WORKS ASSOCIATION (AWWA) C651 STANDARDS.
10. SERVICE INSTALLATIONS IN ROADWAYS WITH CUTS OR FILLS GREATER THAN 6 FEET IN HEIGHT OR SLOPES STEEPER THAN 3:1 MUST HAVE THE METER BOX SET AT FINISH GRADE NEXT TO THE ROAD IN THE LOCATION DIRECTED BY EID. THE SERVICE LINE MUST THEN BE EXTENDED 5 FEET BEYOND THE SLOPE CATCH POINT WITH PVC SCHEDULE 40 SIZED TO MATCH THE SERVICE. PLACE STEEL T-POSTS PAINTED BLUE AT THE END OF THIS SERVICE LINE.
11. LIDS SHALL BE MARKED "WATER"
12. CURBS MUST BE WET STAMPED WITH A "W" BRAND WHERE WATER SERVICES INTERCEPT, PER EID STANDARD DETAIL W21.
13. CONTRACTOR MUST HAVE A COPY OF UP TO DATE PLANS AND EID'S CONSTRUCTION STANDARDS ON THE JOB AT ALL TIMES. THE CONTRACTOR MUST HAVE A REPRESENTATIVE AT ALL TIMES ON SITE WITH AN UP TO DATE COPY.
14. REVISIONS TO THE DRAWINGS MUST BE APPROVED IN WRITING BY EID.
15. STAKING INFORMATION: MINIMUM SPACING MUST BE 50 FEET (25 FEET IN RADIUS) UNLESS OTHERWISE DIRECTED BY EID. INFORMATION WILL INCLUDE OFFSET, TYPE OF FACILITY AND CUT TO FLOW LINE ON THE FRONT OF THE STAKE AND ELEVATION AND STATION NUMBER ON THE BACK. ANGLE POINTS AND APPURTENANCES TO BE STAKED INCLUDING LINE AND CURB STAKES AS NEEDED, CUT SHEETS REQUIRED WHERE SUBGRADE HAS NOT BEEN MADE.
16. AT A MINIMUM, ALL MATERIALS, CONSTRUCTION, AND TESTING MUST COMPLY WITH CURRENT AWWA STANDARDS, STATE WATER RESOURCES CONTROL BOARD DIVISION OF DRINKING WATER STANDARDS, OR THE DISTRICT'S TECHNICAL SPECIFICATIONS, WHICH EVER IS MORE STRINGENT.
17. ALL REFERENCES TO EID MEANS THE DIRECTOR OF ENGINEERING FOR EL DORADO IRRIGATION DISTRICT OR THEIR AUTHORIZED REPRESENTATIVE.

PROJECT NOTES:

1. THE CONTRACTOR MUST HAVE SIGNED AND APPROVED PLANS IN HIS POSSESSION PRIOR TO THE COMMENCEMENT OF WORK.
2. EID IS A MEMBER OF U.S.A. ONE CALL PROGRAM. CALL FOR PUBLIC WATER SYSTEM INFORMATION.
3. ALL MATERIALS USED AND WORK PERFORMED IN WATER SYSTEM CONSTRUCTION AND INSTALLATION MUST COMPLY WITH APPROVED PLANS, SPECIAL CONDITIONS, TECHNICAL SPECIFICATIONS, AND THE DISTRICT STANDARDS. ANY AND ALL DEVIATIONS FROM THESE DOCUMENTS MUST REQUIRE PRIOR WRITTEN APPROVAL BY THE ENGINEERING DIRECTOR.
4. TEN (10) DAYS PRIOR TO THE PRE-CONSTRUCTION MEETING, THE CONTRACTOR MUST FURNISH TO THE DISTRICT ALL REQUIRED MATERIAL SUBMITTALS TO COMPLETE THE INSTALLATION OF THE PROJECT. THE SUBMITTALS MUST INCLUDE MANUFACTURER, LOCATION OF MANUFACTURER, SIZE, AND MODEL NUMBER.
5. ALL PROPOSED FIRE HYDRANT LOCATIONS MUST BE STAKED AND MARKED A MINIMUM OF 2-WEEKS PRIOR TO INSTALLATION. CONTRACTOR AND ENGINEER MUST MAKE AN ATTEMPT TO MEET WITH EACH PROPERTY OWNER FOR ALL NEW FIRE HYDRANT LOCATIONS.
6. THE COMPLETED WATER SYSTEM MUST BE HYDROSTATICALLY TESTED, DISINFECTED, AND FLUSHED. EACH PIPE DURING INSTALLATION MUST BE SWABBED WITH A DAMP CLEAN CLOTH AS TO REMOVE ANY DEBRIS AFTER PIPE HAS BEEN WRAPPED, AND PRIOR TO ENTERING TRENCH. PIPE MUST REMAIN COVERED AND KEPT CLEAN PRIOR TO INSTALLATION.
7. CONTRACTORS EQUIPMENT AND EMPLOYEE VEHICLES MUST PARK ON EXISTING PAVED SURFACES OR EXISTING COMPACTED ROAD SHOULDERS. NO EQUIPMENT OR VEHICLES MUST BE PLACED OUTSIDE THE STATE, CITY, OR COUNTY RIGHT OF WAY. ANY DISTURBANCE OF PRIVATE PROPERTY MUST BE RESTORED BY THE CONTRACTOR AT THEIR EXPENSE.
8. AT THE TIME OF FINAL ACCEPTANCE BY EID, THE COMPLETED WATER SYSTEM AND MAIN EXTENSIONS WITH ALL APPURTENANCES, APPARATUS, FITTINGS, AND EQUIPMENT MUST BECOME AND FOREVER REMAIN THE PROPERTY OF EID.
9. UPGRADE OF EXISTING FACILITIES MUST INCLUDE BUT NOT BE LIMITED TO BRINGING FACILITY TO CURRENT STANDARDS AND/OR REPLACEMENT AS REQUIRED OR DIRECTED BY EID.
10. CONTRACTOR MUST REMOVE ALL MATERIAL GENERATED BY ANY ASPHALT SAW CUTTING OPERATION IMMEDIATELY AFTER SAW CUTTING BY USING ADEQUATELY SIZED VACUUMING EQUIPMENT TO ACCOMMODATE THE REMOVAL PROCESS.
11. WHEN HOT TAPPING A WATER MAIN: CONTRACTOR MUST EXCAVATE, SHORE, AND SHIELD EXISTING WATER MAIN. CONTRACTOR MUST PRESSURE TEST SADDLE AND GATE VALVE PRIOR TO HOT TAP. ALL HOT TAPS SHALL BE COMPLETED MONDAY THROUGH THURSDAY ONLY IN THE EVENT THERE IS A NEED TO PERFORM A SHUTDOWN.
12. CONTRACTOR TO BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING MONUMENTS AND ANY OTHER SURVEY MARKERS DURING CONSTRUCTION. ALL SUCH MONUMENTS OR MARKERS DESTROYED DURING CONSTRUCTION MUST BE REPLACED AT CONTRACTOR'S EXPENSE.
13. CONTRACTOR IS RESPONSIBLE FOR FINDING, MAINTAINING, NOTIFYING, AND MEETING ALL CITY REGULATIONS ON A CONSTRUCTION YARD. ALL EXCAVATIONS SHALL BE BACKFILLED OR TRENCH PLATED AT THE END OF EACH DAYS WORK PER THE CITY OF PLACERVILLE ENCROACHMENT PERMIT. THIS INCLUDES THE REQUIREMENT TO GRIND AND RECESS ALL TRENCH PLATES PER THE PERMIT. ALL TRENCH PLATES SHALL BE NON-SKID TYPE AND HAVE COLD PATCH APPLIED TO THE EDGE FOR TRAFFIC APPROACH AND DEPARTURE AT A MINIMUM FOR MINOR STREETS. TRAFFIC PLATES MUST COMPLY WITH APPROVED ENCROACHMENT PERMIT.
14. THE CONTRACTOR MUST PROTECT AND BE RESPONSIBLE FOR ANY DISTURBANCE OR CONTAMINATION TO ANY DRY WELLS, STORM WATER COLLECTION, OR RETENTION SYSTEMS ALONG THE PROJECT SITE. THE CONTRACTOR MUST NOT STOCK PILE ANY MATERIAL UPON ANY DRAINAGE FACILITIES.
15. THE CONTRACTOR MUST HAVE A RESPONSIBLE PARTY, WHO MUST HAVE THE AUTHORITY TO REPRESENT AND ACT FOR THE CONTRACTOR ON THE JOB SITE DURING ALL WORKING HOURS.
16. ALL WATER SYSTEM SHUTDOWNS MUST BE MADE ONLY BY EID PERSONNEL ONLY. UNDER NO CIRCUMSTANCES MUST ANYONE OTHER THAN EID OPEN OR CLOSE ANY VALVE IN THE SYSTEM. SHUTDOWNS FOR THE PURPOSE OF MAKING CONNECTIONS TO EXISTING MAINS MUST BE SCHEDULED AT LEAST FOUR (4) DAYS IN ADVANCE, AND ARE ONLY PERMITTED ON TUESDAY, WEDNESDAY, OR THURSDAY WITH HOLIDAY'S EXCLUDED. THE HOURS OF THE SHUTDOWN SHALL BE DETERMINED BY EID. ALL CONNECTIONS WILL BE SUPERVISED AND CONTROLLED BY EID.

    ALL TIE-INS BETWEEN NEW WATER MAINS AND THE EXISTING WATER SYSTEM, INCLUDING NEW WATER SERVICE CONNECTIONS, AND FIRE HYDRANT INSTALLATIONS AND TRANSFERS, MUST ONLY BE MADE AFTER ALL PRESSURE TESTING AND DISINFECTION REQUIREMENTS ARE SATISFACTORILY MET. THE CONTRACTOR MUST BE RESPONSIBLE TO PROVIDE ALL BLOW OFF'S NECESSARY FOR FLUSHING AND SAMPLING OF ALL NEW WATER MAINS AS REQUIRED BY THE CALIFORNIA REGIONAL WATER BOARD, DISTRICT OPERATIONS REQUIREMENTS, AND PROJECT SPECIFICATIONS.

    ON ALL TIE-INS TO THE DISTRICT'S SYSTEM THE CONTRACTOR MUST NOTIFY THE AFFECTED CUSTOMERS 48-HOURS PRIOR. 24-HOURS BEFORE THE SHUTDOWN THE CONTRACTOR MUST PRE-DIG AND EXPOSE THE EXISTING INFRASTRUCTURE, SHORE, AND PLATE THE EXCAVATED AREA FOR WORK THE FOLLOWING DAY. SHUTDOWNS WILL NOT BE PERMITTED WITHOUT PRIOR EXCAVATION UNLESS APPROVED BY ENGINEER.
17. THE CONTRACTOR AGREES TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY, THAT THIS REQUIREMENT MUST APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND THAT THE CONTRACTOR MUST DEFEND, INDEMNIFY, AND HOLD THE ENGINEER AND THE EID HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.
18. THE CONTRACTOR MUST PROVIDE AND MAINTAIN A MEANS OF INGRESS AND EGRESS FOR ALL PROPERTY OWNERS AND BUSINESS OWNERS ALONG ANY SECTION OF THIS PROJECT AT THE CONTRACTOR'S OWN EXPENSE. THE CONTRACTOR MUST PROVIDE ALL ADJACENT PROPERTY OWNERS A SATISFACTORY MEANS OF ACCESS TO A PUBLIC STREET AND ALLOW TRAFFIC TO AND FROM ALL PROPERTY WITHIN OR NEAR LIMITS OF THE PROJECT. ALL ACCESS AND TRAFFIC CONTROL SHALL BE IN COMPLIANCE WITH THE CITY ENCROACHMENT PERMIT.
19. PRIOR TO COMMENCEMENT OF WORK THE CONTRACTOR MUST OBTAIN AN APPROVED FUGITIVE DUST CONTROL PLAN FROM THE COUNTY OF EL DORADO ENVIRONMENTAL MANAGEMENT. THE CONTRACTOR MUST PROVIDE AND IMPLEMENT ALL NECESSARY BMP'S AT NO ADDITIONAL COST TO THE DISTRICT.
20. ALL WATER APPURTENANCES IN THE AREAS OF NEW CONSTRUCTION MUST BE SET TO FINISH GRADE TO THE APPROVAL OF THE DISTRICT. THE CONTRACTOR MUST MAKE ANY CHANGES AT NO COST TO THE DISTRICT.
21. THE CONTRACTOR MUST REPAIR OR REPLACE ALL PAVEMENT, UTILITIES, VEGETATION, ROADS, DRIVEWAYS, SWALES, FENCES, ETC. DAMAGED BY THE CONTRACTOR'S EQUIPMENT TO LIKE OR BETTER CONDITION AS DETERMINED BY THE DISTRICT AT NO ADDED COST TO THE DISTRICT.
22. CONTRACTOR MUST POTHOLE AND VERIFY AT TIE-IN LOCATIONS FOR PIPE TYPE, SIZE, LINE, AND GRADE TO ENSURE CORRECT PIPE ALIGNMENT. THIS MUST BE COMPLETED TO THE SATISFACTION OF THE DISTRICT.

DESIGN CRITERIA:

1. CONCRETE THRUST BLOCKS ARE REQUIRED ON ALL PIPE FITTINGS AND APPURTENANCES AS SHOWN ON THE MOST CURRENT DISTRICT STANDARD DETAILS SUCH AS BUT NOT LIMITED TO: W11, W11A, W12, W14, W15, W15B, W15C, AND W17.
2. PIPE MUST BE DUCTILE IRON PIPE POLYETHYLENE ENCASED IN ACCORDANCE WITH EID'S TECHNICAL SPECIFICATIONS AND STANDARD DETAILS. THE CONTRACTOR MUST PROVIDE RESTRAINED JOINTS WHERE SHOWN ON THE PLAN SHEETS. RESTRAINED JOINT PIPE SHALL BE DUCTILE IRON, "FLEX-RING" RESTRAINED JOINT OR APPROVED EQUAL, PIPE SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
3. ALL SERVICE LINES MUST BE COPPER PER EID STANDARDS. IF ANY LINE TO BE RECONNECTED IS FOUND TO NOT BE COPPER, IT MUST BE REPLACED WITH COPPER PER EID STANDARDS.
4. THE MAXIMUM DEFLECTION AT ANY JOINT MUST NOT EXCEED FOUR DEGREES (4) FOR DUCTILE IRON PIPE SIZES 6"-12", AND THREE DEGREES (3) FOR DUCTILE IRON PIPE SIZES 14"-24".
5. USE MECHANICAL JOINT RESTRAINTS FOR ALL FITTINGS. ALL BENDS MUST BE MECHANICAL JOINT FITTING OR FLANGE AS CALLED OUT ON PLAN SHEETS.
6. UTILITY CROSSINGS FOR NEW FACILITIES SHALL BE AS FOLLOWS: MAINTAIN A MINIMUM OF 12" VERTICAL SEPARATION FOR ALL OTHER UTILITIES. NO NEW WATER PIPE LINES SHALL BE LOCATED CLOSER THAN 5 FEET FROM ANY EXISTING UTILITIES, UNLESS SHOWN OTHERWISE ON THE PLANS OR APPROVED BY THE ENGINEER IN THE FIELD. THE NEW PIPELINE SHALL HAVE A STICK CENTERED CROSSING THE UTILITY. ALL WATER PIPE MUST BE INSTALLED OVER THE TOP OF THE EXISTING UTILITY UNLESS APPROVED BY THE DISTRICT AND THE STATE WATER RESOURCES CONTROL BOARD DIVISION OF DRINKING WATER.
7. WATER LINE LOCATIONS SHOWN ARE MEASURED FROM THE ROAD CENTERLINE OR EDGE OF PAVEMENT UNLESS OTHERWISE NOTED ON PLAN SHEETS.
8. ALL NEW WATER LINES TO BE INSTALLED MUST MAINTAIN A MINIMUM OF 10' HORIZONTAL SEPARATION FROM ALL SEWER, RECYCLED WATER, AND STORM DRAIN PIPELINES.
9. FIRE HYDRANTS MUST BE INSTALLED AS SHOWN ON W17 AND W18. EXISTING FIRE HYDRANTS MUST REMAIN IN SERVICE UNTIL MAIN LINES ARE ABANDONED AND NEW FIRE HYDRANTS ARE IN SERVICE. FIRE HYDRANTS TO BE REPLACED MUST BE LOCATED ON PROPERTY LINES AND MAY BE OFFSET +/- 2' WITH EID AND/OR ENGINEER'S APPROVAL. ANY CHANGES TO FIRE HYDRANT LOCATIONS MUST HAVE PRIOR APPROVAL FROM EID. ABANDON EXISTING FIRE HYDRANTS AS DESCRIBED ON PLAN SHEETS.
10. THE CONTRACTOR MUST PROVIDE CONTINUOUS 10-GAUGE AWG INSULATED SOLID COPPER TRACER WIRE SUITABLE FOR UNDERGROUND DIRECT BURIAL ALONG ALL MAINLINE, SERVICE LINE, IN-TRACT SERVICES, AND APPURTENANCES (I.E. BLOW OFFS, AIR RELEASE VALVES, ETC.). ACCESS TO TRACER WIRE SHALL BE PROVIDED AT ALL VALVE BOX INSTALLATIONS. ALL TRACER WIRE CONNECTIONS MUST BE MADE AS SHOWN IN DISTRICT STANDARD DETAIL W19.
11. CONTRACTOR TO INSTALL TEMPORARY BLOW OFFS FOR TESTING PURPOSES ONLY. CONTRACTOR IS RESPONSIBLE FOR BRACING ALL TEMPORARY BLOW OFFS AS TO ADEQUATELY RESTRAIN AND BRACE FROM MOVEMENT DURING TESTING. ALL DEAD END PIPING SHALL HAVE EITHER AN APPROVED FIRE HYDRANT OR PERMANENT BLOW OFF AS SHOWN ON W15, W15A, W15B, OR W15C AS CALLED OUT ON THE PLAN SHEETS.
12. THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THESE PLANS WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. LOCATION OF UTILITY SERVICES AND LATERALS ARE NOT ALWAYS SHOWN ON PLANS AND WHEN SHOWN ARE APPROXIMATE. THE CONTRACTOR IS CAUTIONED THAT ONLY ACTUAL POTHOLES WILL REVEAL THE TYPES, EXTENTS, SIZES, LOCATION AND DEPTHS OF SUCH UNDERGROUND UTILITIES. THE ENGINEER AND EID ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF THE DELINEATION OF SUCH UNDERGROUND UTILITIES, NOR THE EXISTENCE OF OTHER BURIED OBJECTS OR UTILITIES NOT SHOWN ON THESE DRAWINGS. THE CONTRACTOR IS HEREBY NOTIFIED THAT, PRIOR TO COMMENCING CONSTRUCTION, THEY ARE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES INVOLVED AND REQUESTING U.S.A. LOCATIONS TO COMPLETE POTHOLE VERIFICATION OF EXISTING LOCATIONS OF THEIR UNDERGROUND FACILITIES SHOWN ON THESE IMPROVEMENT PLANS. CONTRACTOR MUST VERIFY ALL UTILITY CROSSINGS WITH PROPOSED MAINLINE 3 WEEKS PRIOR TO WATERLINE INSTALLATION AND MUST PAINT IN WHITE THE LIMITS OF THE PROPOSED TRENCH AND REPORT ANY CONFLICTS TO THE ENGINEER.

    IT IS THE CONTRACTOR'S RESPONSIBILITY TO POTHOLE AND LOCATE ALL UTILITY SERVICES, LATERALS, AND RELATED APPURTENANCES. ALL POTHOLES OUTSIDE OF PROPOSED WATER FACILITIES TRENCH MUST BE CORED PER CITY OF PLACERVILLE STANDARDS.

    AT&T LINES WITHIN PROJECT SHALL BE EXPOSED PRIOR TO INSTALLATION OF WATER MAINS AND SERVICES. DEPTHS OF ALL AT&T LINES ARE UNKNOWN. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING LOCATION AND DEPTH PRIOR TO INSTALLATION OF WATER MAINS AND SERVICES. HAND DIGGING IS REQUIRED WHENEVER NEW WATER MAINS AND SERVICES ARE WITHIN 24-INCHES OF AT&T DUCTS. HAND DIGGING IS REQUIRED TO THE DEPTH OF EXCAVATION. AT&T WILL ALLOW DIRECTION BORING FOR SERVICE INSTALLATION HOWEVER ALL AT&T LINES MUST BE FULLY EXPOSED TO THE DEPTH OF BORE. CONTRACTOR MUST WATCH BORE HEAD DURING INSTALLATION (BOTH FORWARDS AND BACK) TO VERIFY THAT NO DAMAGE OCCURRED DURING INSTALLATION.

    THE CITY OF PLACERVILLE AND EL DORADO COUNTY DO NOT USA EXISTING STORM DRAINS. IT IS UPON THE CONTRACTOR TO POTHOLE AND LOCATE EXISTING STORM DRAINS BASED ON THE PLAN SHEETS. THE LOCATIONS OF THE STORM DRAINS ARE PROVIDED FROM THE CITY OF PLACERVILLE AND EL DORADO COUNTY ARE APPROXIMATE. CONTRACTOR MUST NOTIFY UNDERGROUND SERVICE ALERT (U.S.A.) AT (800) 227-2600 TO REQUEST FIELD LOCATION OF ALL EXISTING UTILITIES PRIOR TO ANY EXCAVATION.

    THE CONTRACTOR IS RESPONSIBLE FOR ANY DOWNTIME DUE TO MIS-MARKED UTILITIES OTHER THAN THE DISTRICT'S OWN WATERLINES. THE DISTRICT WILL AID IN ANY PURSUIT OF STANDBY TIME REIMBURSEMENT FROM MIS-MARKED UTILITIES UPON REQUEST OF CONTRACTOR. DISTRICT IS NOT LIABLE FOR COSTS INCURRED FOR UN-MARKED OR MIS-MARKED UTILITIES (OUTSIDE OF WATER FACILITIES) FOUND DURING CONSTRUCTION.

TRAFFIC CONTROL NOTES:

1. A TRAFFIC CONTROL PLAN MUST BE PREPARED BY THE CONTRACTOR PER THE PROJECT SPECIFIC PROVISIONS, THE CITY ENCROACHMENT PERMIT, AND MUST BE SUBMITTED TO THE CITY FOR REVIEW WITHIN 10 DAYS OF THE NOTICE TO PROCEED. A TRAFFIC CONTROL PLAN (OR PLANS) MUST BE SUBMITTED FOR REVIEW FOR ANY WORK REQUIRING MODIFICATIONS OF EXISTING TRAFFIC PATTERNS. THE TRAFFIC CONTROL PLAN (OR PLANS) MUST ADDRESS PROVISIONS FOR VEHICULAR, PEDESTRIAN, AND BICYCLE ACCESS. ADDITIONALLY THE TRAFFIC CONTROL PLAN (OR PLANS) MUST ADDRESS TRAFFIC SIGNAL OPERATION FOR ANY WORK PERFORMED WITHIN 200 FEET OF A SIGNALIZED INTERSECTION. CITY APPROVAL AND/OR APPROVED TRAFFIC CONTROL PLAN IS REQUIRED BEFORE COMMENCEMENT OF WORK WITHIN CITY RIGHT-OF-WAY.

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) NOTES:

1. CONTRACTOR IS REQUIRED TO PROVIDE A STORM WATER POLLUTION PREVENTION PLAN FOR DISTRICT FOR REVIEW AND APPROVAL PRIOR TO BEGINNING THE PROJECT. SWPPP MAY BE PART OF SWPPP FOR BRIDGE/ROADWAY CONSTRUCTION.
2. CONTRACTOR IS REQUIRED TO REVIEW THE DISTRICT'S TECHNICAL SPECIFICATION 33 13 00 PRIOR TO THE START OF CONSTRUCTION, AND ADHERE TO ITS GUIDELINES.

BASIS OF DESIGN:

1. EXISTING PLACERVILLE DRIVE BRIDGE OVER HANGTOWN CREEK TO BE REMOVED TO ALLOW FOR CONSTRUCTION OF NEW BRIDGE. RELOCATION OF EXISTING 10-INCH PIPELINE REQUIRED AS PART OF BRIDGE REPLACEMENT.
2. ISOLATION VALVES TO BE INSTALLED ON EXISTING PIPELINE ON EITHER SIDE OF BRIDGE TO FACILITATE CONSTRUCTION OF TEMPORARY SERVICE LINES AND RE-CONNECTION OF PERMANENT RELOCATED WATERLINE.
3. TYPICAL PRESSURE IN 10-INCH PIPELINE HAS BEEN MEASURED AT 123 PSI.
4. TO ALLOW FOR ACCESS AND MAINTENANCE OF THE 10-INCH WATERLINE AT THE CREEK CROSSING, THE PIPELINE WILL BE SUPPORTED FROM THE STRUCTURE ALONG THE UPSTREAM SIDE OF THE BRIDGE THROUGH A SERIES OF UTILITY SUPPORT BRACKETS.
5. RELOCATED PIPELINE WILL BE CONSTRUCTED OF DUCTILE IRON, CLASS 350 PER AWWA C151.

W-1

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE

HOR. SCALE:

VERT. SCALE:

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

WATERLINE GENERAL NOTES
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO

DATE:	11/14/2025
DRAFTER:	D.ROBLES
DESIGNER:	D.ROBLES
REVIEWER:	D.RICHARDS

PROJECT NO.
CIP #41410

SHEET NO. C32 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

U:\18028 - Placerville Dr. Bicycle-Ped and Br. Repl - Ci Placerville\18028 Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Working\DSR\ROADWAY SET SHEETS\W-1 WATERLINE NOTES.dwg Nov 20, 2025 - 3:02pm jmoyer

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT THE CITY OFFICE.
2. FOR SEWER INFORMATION, SEE SANITARY SEWER PLANS.
3. INSTALL 10" VALVE ON EXISTING WATER MAINLINE. SEE DETAIL 1, SHEET W-5. VALVES TO BE LOCATED AS DIRECTED BY EID, APPROXIMATELY 10 FT FROM THE PROPOSED CONNECTION, SEE DETAIL 3, SHEET W-5.

WATERMAIN DEMOLITION KEY NOTES:

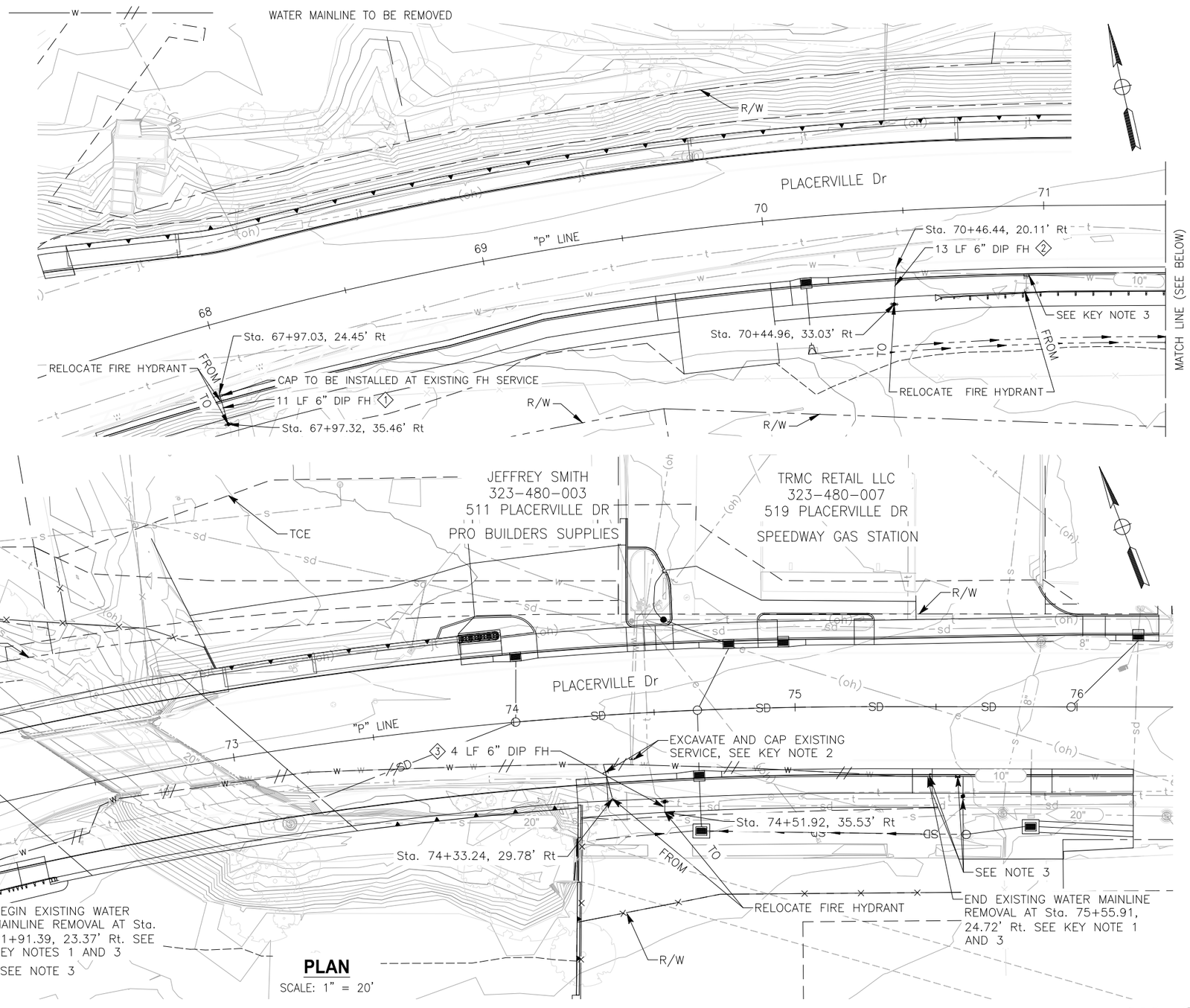
1. PRIOR TO REMOVING EXISTING WATER MAINLINE FROM SERVICE TEMPORARY SERVICE LINES SHALL BE INSTALLED, TESTED, FLUSHED, AND SUCCESSFULLY DISINFECTED. SEE SHEETS W-3 AND W-4, AND DETAIL 4 ON SHEET W-5.
2. CUT PIPE, DRAIN SERVICE LINE, AND CAP FOR FUTURE RE-CONNECTION TO PROPOSED 10 INCH WATER MAINLINE, SEE DETAIL 2 SHEET W-5.
3. FOLLOWING VALVE INSTALLATION, RESTRAIN END OF PIPELINE TO ALLOW FOR REMOVAL OF EXISTING PIPE AS SHOWN. EID TO CLOSE ISOLATION VALVE FOLLOWING RESTRAINT OF PIPELINE BY CONTRACTOR. PIPELINE REMOVAL TO PROCEED FOLLOWING CLOSURE OF ISOLATION VALVE. AT EACH VALVE LOCATION THE CONTRACTOR SHALL INSTALL A TEMPORARY 2" BLOW OFF TO ALLOW EID OPERATIONS TO FLUSH AS NEEDED TO MAINTAIN WATER QUALITY PRIOR TO THE INSTALLATION OF THE NEW PIPELINE.

FIRE HYDRANT RELOCATION NOTES:

1. FIRE HYDRANT INSTALLATION SHALL BE PER EID STANDARD DETAIL W17, SEE SHEET W-7. THRUST BLOCK SHALL BE PER EID DETAIL W11, SEE SHEET W-6.

LEGEND:

RIGHT-OF-WAY (R/W)
TEMPORARY CONSTRUCTION EASEMENT (TCE)
PROPERTY LINE
WATER MAINLINE TO BE REMOVED
(#) MATERIALS LIST, SEE SHEET W-8.



PLAN
SCALE: 1" = 20'

W - 2

DRAWING SCALE
HOR. SCALE:
VERT. SCALE:

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

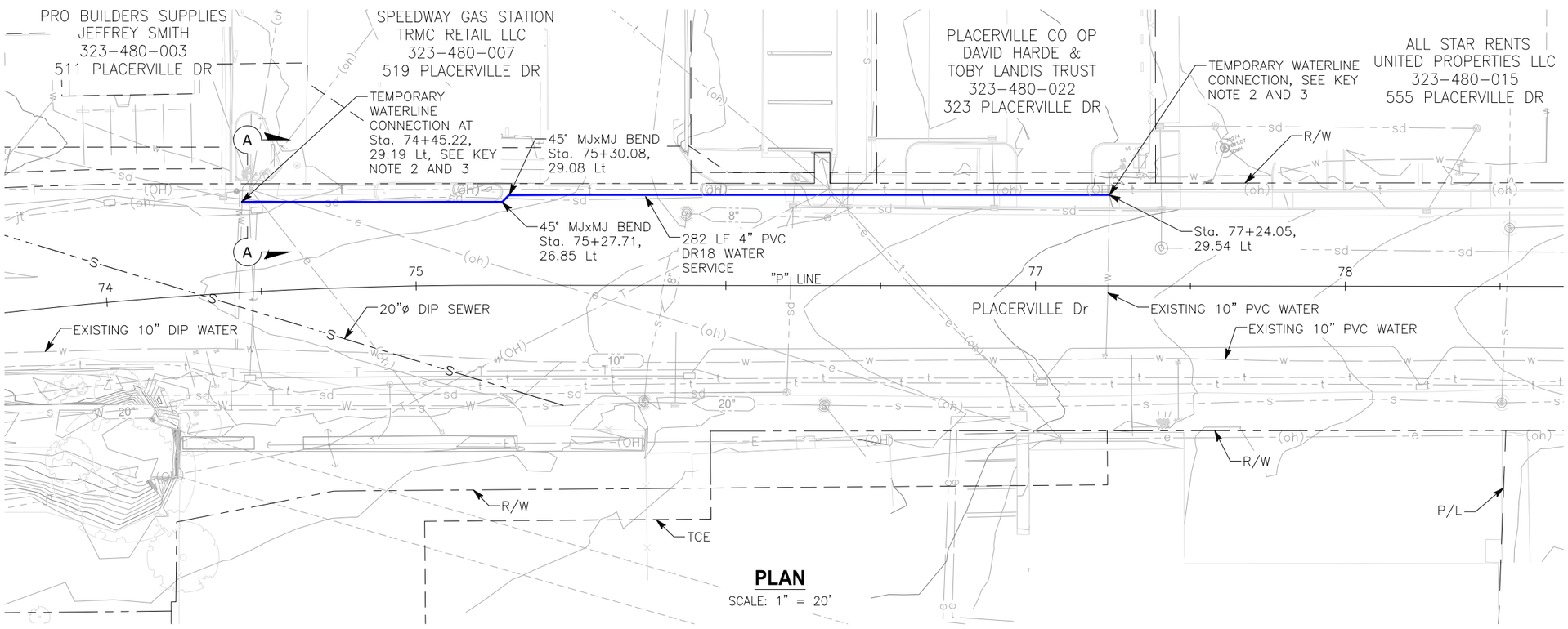
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
DEMOLITION, VALVE INSTALLATION /FIRE HYDRANT RELOCATION
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: D.ROBLES
DESIGNER: D.ROBLES
REVIEWER: D.RICHARDS

PROJECT NO.
CIP #41410
SHEET NO. C33 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

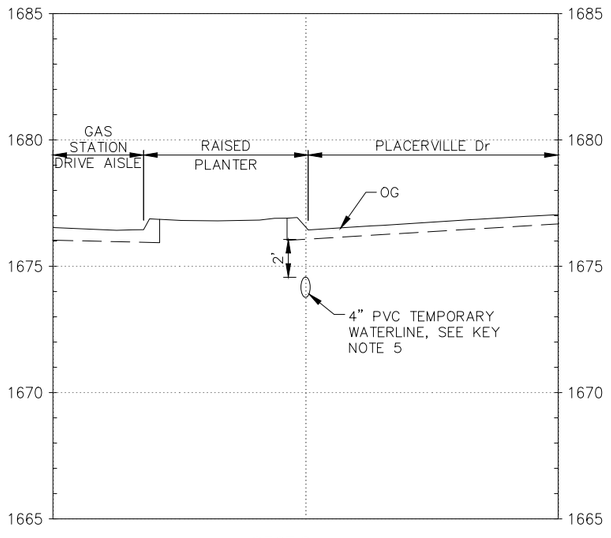
U:\18028 - Placerville Dr, Bicycle-Ped and Br. Repl - Ci Placerville\18028 Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Working\DSR\ROADWAY SET SHEETS\W-2 DEMOLITION AND FIRE HYDRANT RELOCATION.dwg Nov 20, 2025 - 3:04pm, jmoyer



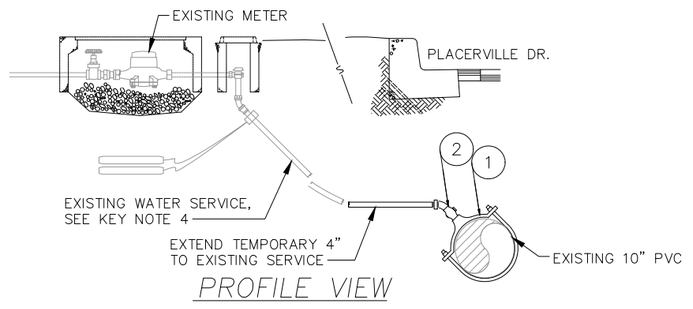
PLAN
SCALE: 1" = 20'

TEMPORARY FACILITIES KEY NOTES:

1. CONTRACTOR SHALL POTHOLE EXISTING UTILITIES ALONG TEMPORARY PIPELINE ALIGNMENT TO IDENTIFY POTENTIAL CONFLICTS. CONTRACTOR SHALL ADJUST VERTICAL ALIGNMENT OF TEMPORARY PIPELINE TO PROVIDE A MINIMUM OF SIX INCHES OF CLEARANCE AT UTILITY CROSSINGS. INSTALL ARV AT HIGH POINT OF PIPELINE.
2. EXCAVATE AND EXPOSE LATERAL.
3. HOT TAP LATERALS WITH 4" TAPPING SADDLE/SHUTOFF VALVE AND EXTEND 4" PVC DR18 TO WATER SERVICE AT 519 PLACERVILLE DRIVE. FOR TEMPORARY WATERLINE CONNECTION DETAIL SEE RIGHT.
4. EXCAVATE AND EXPOSE LATERAL. CONNECT TEMPORARY WATER TO LATERAL WITH TEE AND BLOWOFF. INSTALL EID APPROVED BACKFLOW PREVENTOR AND RESTRAIN JOINTS. CUT EXISTING LATERAL UPSTREAM OF TEE AND CAP FOR FUTURE RE-CONNECTION TO PROPOSED WATER MAINLINE, SEE DETAIL 2, SHEET W-5 FOR PIPE CAP.
5. CONSTRUCT TEMPORARY WATERLINE BELOW CURB/GUTTER WITH 30 INCHES OF MINIMUM COVER. REPLACE CURB/GUTTER TO MATCH EXISTING.
6. PRIOR TO REMOVING EXISTING WATER MAINLINE FROM SERVICE, TEMPORARY SERVICE LINES SHALL BE INSTALLED, TESTED, FLUSHED, AND SUCCESSFULLY DISINFECTED AND CONNECTED.



SECTION A-A
NOT TO SCALE



PROFILE VIEW

ITEM #	DESCRIPTION
1	4" FIP AWWA DOUBLE STRAP BRONZE SERVICE SADDLE
2	4" MIPxMIP AWWA CORPORATION STOP, WITH 4" FIPxCOMPRESSION 45° STREET BEND

CONSTRUCTION NOTES:

1. ALL MATERIALS SHALL BE PER EID STANDARD DETAIL W08 THROUGH W08E, SEE SHEET W-6.
2. ALL SERVICES SHALL BE BEDDED IN A MINIMUM OF 6" AGGREGATE BASE COMPACTED TO 90%.
3. SERVICE SADDLE SHALL NOT BE INSTALLED WITHIN 36" OF VALVE, JOINT OR FITTING.
4. ALL TAPS SHALL BE MADE WITH MACHINE GUIDE OR PILOT TAP.
5. TEMPORARY WATERLINE SHALL EXTEND PERPENDICULAR TO THE WATER SERVICE.

TEMPORARY WATERLINE CONNECTION DETAIL
NOT TO SCALE

W-3

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE:
VERT. SCALE:

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
TEMPORARY FACILITIES
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: D.ROBLES
DESIGNER: D.ROBLES
REVIEWER: D.RICHARDS

PROJECT NO.
CIP #41410
SHEET NO. C34 OF C62

W-3

100% SUBMITTAL, NOT FOR CONSTRUCTION

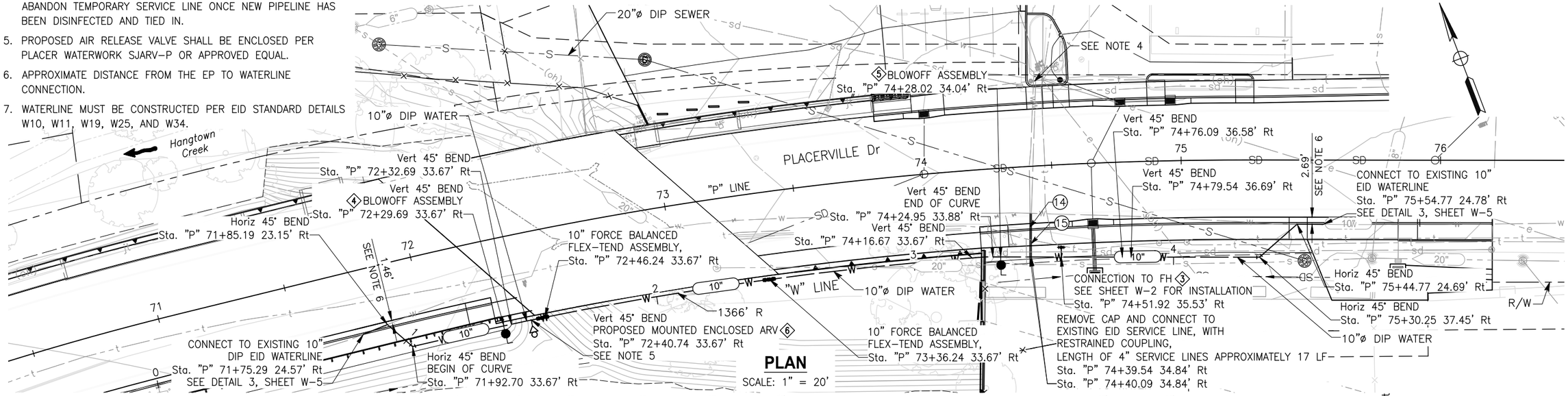
U:\18028 - Placerville Dr. Bicycle-Ped and Br. Repl - Ci Placerville\18028 Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Working\DSR\ROADWAY SET SHEETS\W-3 TEMPORARY FACILITIES.dwg Nov 20, 2025 - 3:07pm, jmoyer

NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT THE CITY OFFICE.
2. FOR STORM DRAIN SYSTEM INFORMATION, SEE DRAINAGE PLANS.
3. EXISTING UTILITIES TO BE POTHOLED BY CONTRACTOR TO DETERMINE VERTICAL LOCATION.
4. DISCONNECT TEMPORARY SERVICE AND PLUG PER DETAIL 2, SHEET W-5. RE-CONNECT SERVICE WITH RESTRAINED COUPLING. ABANDON TEMPORARY SERVICE LINE ONCE NEW PIPELINE HAS BEEN DISINFECTED AND TIED IN.
5. PROPOSED AIR RELEASE VALVE SHALL BE ENCLOSED PER PLACER WATERWORK SJARV-P OR APPROVED EQUAL.
6. APPROXIMATE DISTANCE FROM THE EP TO WATERLINE CONNECTION.
7. WATERLINE MUST BE CONSTRUCTED PER EID STANDARD DETAILS W10, W11, W19, W25, AND W34.

LEGEND

- EXISTING ELECTRICAL OVERHEAD
- EXISTING JOINT OVERHEAD
- EXISTING OVERHEAD TELECOMM
- EXISTING UNDERGROUND TELECOMM
- EXISTING WATER
- EXISTING SEWER
- EXISTING STORM DRAIN
- PROPOSED JOINT OVERHEAD
- PROPOSED OVERHEAD TELECOMM
- PROPOSED UNDERGROUND TELECOMM
- PROPOSED WATER
- PROPOSED SEWER
- PROPOSED STORM DRAIN
- MATERIALS LIST, SEE SHEET W-8
- WATERLINE QUANTITIES, SEE SHEET W-8



PLAN

SCALE: 1" = 20'

STA: "W" 0+81.41, 0' Rt = STA: "P" 71+75.29, 24.57' Rt CON. TO (E) 10" EID WATER BEGIN 10" DIP WATER INV:1672.09

STA: "W" 0+91.41, 0' Rt = STA: "P" 71+85.19, 23.15' Rt 10" MJxMJ Horiz 45° BEND INV:1672.09

STA: "W" 1+03.51, 0' Rt = STA: "P" 71+92.70, 33.67' Rt 10" MJxMJ Horiz 45° BEND INV:1672.09

STA: "W" 1+40.29, 0' Rt = STA: "P" 72+29.69, 33.67' Rt BLOWOFF ASSEMBLY INV:1672.09

STA: "W" 1+43.29, 0' Rt = STA: "P" 72+32.69, 33.67' Rt 10" MJxMJ Vert 45° BEND INV:1672.09

STA: "W" 1+51.26, 0' Rt = STA: "P" 72+40.74, 33.67' Rt MOUNTED ENCLOSED 2" ARV 10" MJxMJ Vert 45° BEND INV:1680.95

STA: "W" 1+57.05, 0' Rt = STA: "P" 72+46.24, 33.67' Rt 10" FORCE BALANCED FLEX-TEND ASSEMBLY INV:1680.84

STA: "W" 2+45.30, 0' Rt = STA: "P" 73+36.24, 33.67' Rt 10" FORCE BALANCED FLEX-TEND ASSEMBLY INV:1679.20

STA: "W" 3+22.24, 0' Rt = STA: "P" 74+16.67, 33.67' Rt 10" MJxMJ Vert 45° BEND INV:1677.78

STA: "W" 3+30.39, 0' Rt = STA: "P" 74+24.95 33.88' Rt 10" MJxMJ Vert 45° BEND INV:1671.36

STA: "W" 3+33.41, 0' Rt = STA: "P" 74+28.02, 34.04' Rt BLOWOFF ASSEMBLY INV:1671.36

STA: "W" 3+40.50, 0' Rt = STA: "P" 74+39.54, 34.84' Rt CON. TO SERVICE WITH 10"X4" TEE INV:1671.36

STA: "W" 3+41.05, 0' Rt = STA: "P" 74+40.09, 34.84' Rt CON. TO SERVICE WITH 10"X4" TEE INV:1671.36

STA: "W" 3+51.92, 0' Rt = STA: "P" 74+51.92, 35.53' Rt CON. TO PROPOSED FH WITH 10"X8" INV:1671.36

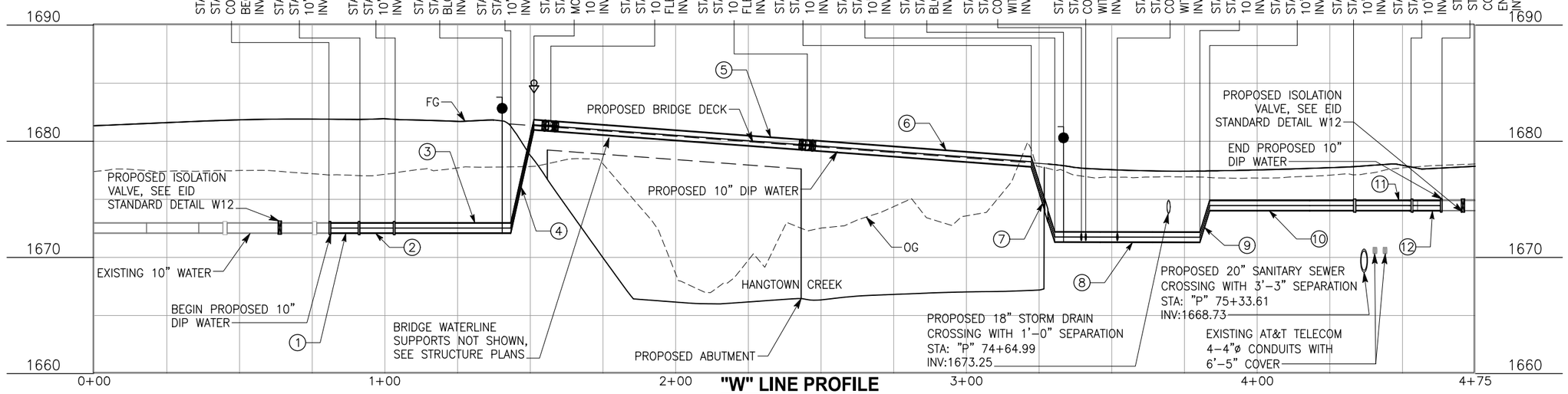
STA: "W" 3+80.31, 0' Rt = STA: "P" 74+76.09, 36.58' Rt 10" MJxMJ Vert 45° BEND INV:1671.36

STA: "W" 3+83.68, 0' Rt = STA: "P" 74+79.54, 36.69' Rt 10" MJxMJ Vert 45° BEND INV:1673.81

STA: "W" 4+33.15, 0' Rt = STA: "P" 75+30.25, 37.45' Rt 10" MJxMJ Horiz 45° BEND INV:1673.81

STA: "W" 4+52.91, 0' Rt = STA: "P" 75+44.77, 24.69' Rt 10" MJxMJ Horiz 45° BEND INV:1673.81

STA: "W" 4+63.65, 0' Rt = STA: "P" 75+54.77, 24.78' Rt CON. TO (E) 10" EID WATER END 10" DIP WATER INV:1673.81



"W" LINE PROFILE

HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 5'

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE:
VERT. SCALE:

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

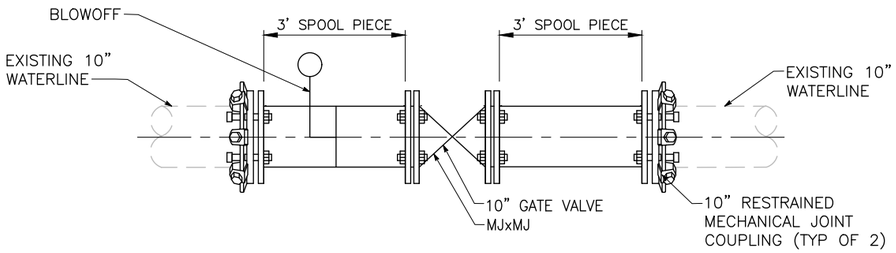
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
PLAN AND PROFILE
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: DRAFTER
DESIGNER: DESIGNER
REVIEWER: REVIEWER

PROJECT NO.
CIP #41410
SHEET NO. C35 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

U:\18028 - Placerville Dr. Bicycle-Ped and Br. Repl - Ci Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Working\DSR\ROADWAY SET SHEETS\W-4 W-5 W-6 W-7 SHEETS.dwg Nov 20, 2025 - 3:16pm, jmoyer

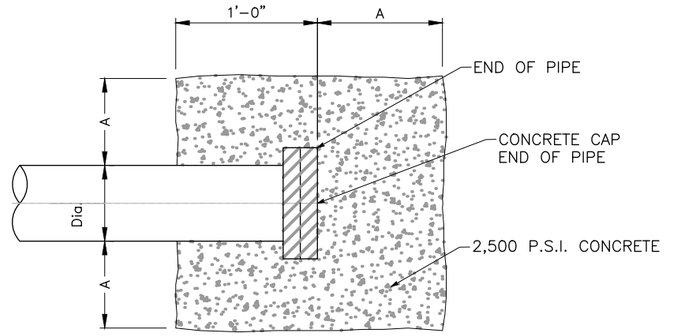


ISOLATION VALVE INSTALLATION DETAIL KEY NOTES:

1. CONTRACTOR TO EXCAVATE AND EXPOSE EXISTING 10" WATERLINE AT PROPOSED LOCATION OF ISOLATION VALVE INSTALLATION. CONTRACTOR TO CONFIRM EXISTING 10" PIPELINE DIMENSION AND RESTRAINED MECHANICAL TRANSITION COUPLING REQUIREMENTS. CONTRACTOR SHALL HAVE ALL REQUIRED MATERIALS ON SITE PRIOR TO SUBMITTING SERVICE INTERRUPTION REQUEST. CONTRACTOR TO SUBMIT A SHUT DOWN REQUEST 3 WEEKS PRIOR TO DESIRED SHUT DOWN DATE.
2. EID TO SHUT–DOWN 10" WATERLINE DURING AN APPROVED SERVICE INTERRUPTION. SHUT–DOWN TO EXTEND FROM 7 PM TO 5 AM.
3. CONTRACTOR SHALL RESTRAIN ENDS, CUT AND DRAIN PIPE.
4. CONTRACTOR TO INSTALL FLUSH, TEST, AND DISINFECT CONNECTION AS DIRECTED BY EID. FOLLWING COMPLETION OF CONNECTION, EID WILL OPEN ISOLATION VALVES AND PLACE VALVE AND LINE IN SERVICE.

ISOLATION VALVE INSTALLATION DETAIL 1 W-2

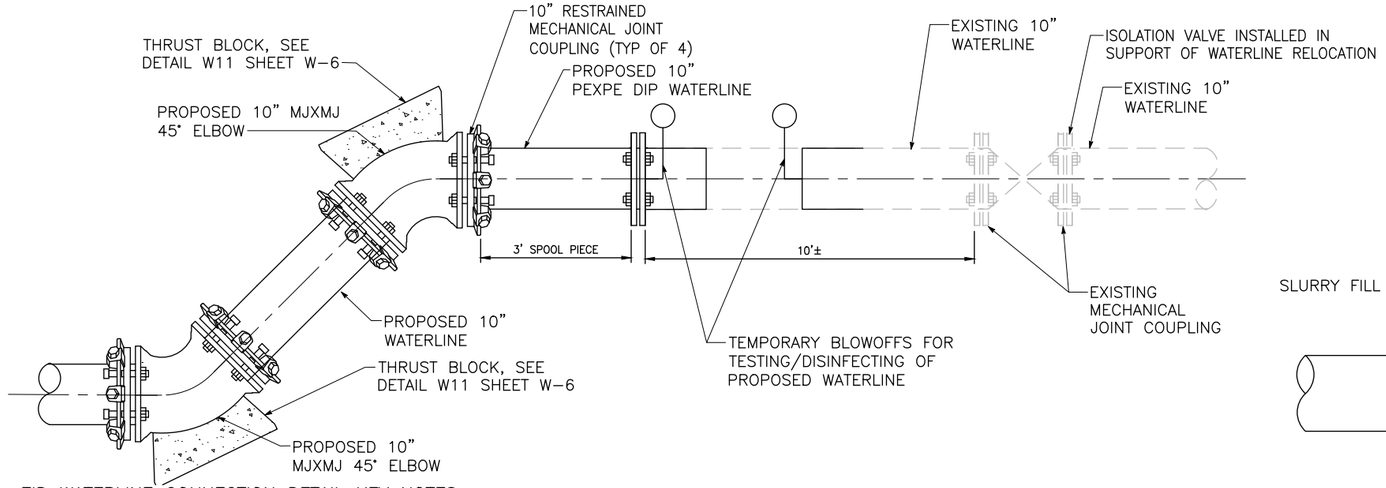
NOT TO SCALE



PIPE SIZE	DIMENSION A (Min.)
3" AND LESS	3"
4"	4"
6" AND GREATER	6"

PIPE CAP FOR FUTURE CONNECTION DETAIL 2 W-3

NOT TO SCALE

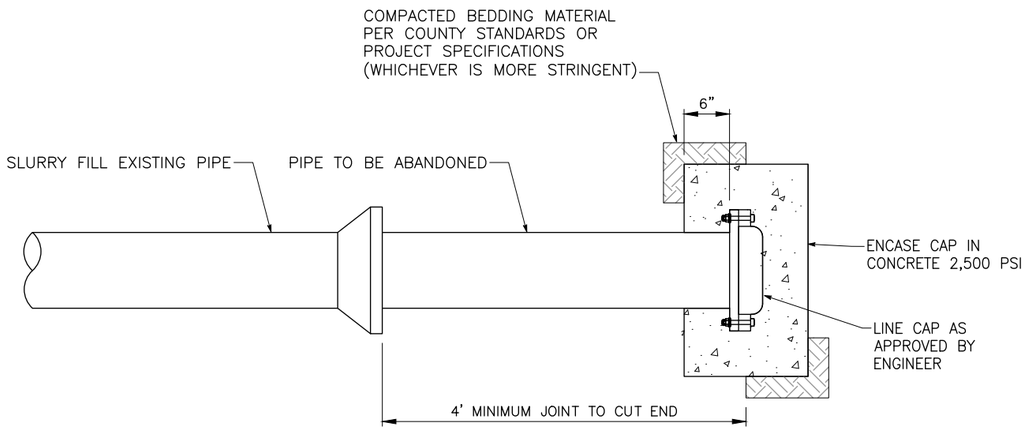


EID WATERLINE CONNECTION DETAIL KEY NOTES:

1. CONTRACTOR SHALL SUBMIT A SHUT DOWN REQUEST TO EID, THREE WEEKS PRIOR TO DESIRED SHUT–DOWN.
2. CONTRACTOR TO CONSTRUCT RELOCATED PIPELINE UP TO PROPOSED POINTS OF CONNECTION. PIPELINE SHALL BE FLUSHED, PRESSURE TESTED, AND DISINFECTED AS DIRECTED BY EID USING TEMPORARY BLOWOFF. REMOVE TEMPORARY BLOWOFFS FOLLOWING ACCEPTANCE OF PROPOSED PIPELINE BY EID.
3. EID WILL INTERRUPT SERVICES DURING APPROVED SHUTDOWN PERIOD.
4. CONTRACTOR TO DISINFECT SEGMENT OF EXISTING PIPELINE BETWEEN PROPOSED CONNECTION AND ISOLATION VALVE. CONTRACTOR TO INSTALL COUPLING AND COMPLETE PIPELINES CONNECTION. CONTRACTOR TO FLUSH, TEST, AND DISINFECT CONNECTIONS AS DIRECTED BY EID. FOLLOWING COMPLETION OF CONNECTION, EID WILL OPEN ISOLATION VALVES AND PLACE THE LINE IN SERVICE.

EID WATERLINE CONNECTION DETAIL 3 W-4

NOT TO SCALE



PIPE PLUG FOR PIPE ABANDONMENT DETAIL 4 W-4

NOT TO SCALE

W-5

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE:
VERT. SCALE:

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

WATERLINE CONSTRUCTION DETAILS
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: D.PORTER
DESIGNER: D.PORTER
REVIEWER: D.PORTER

PROJECT NO.
CIP #41410
SHEET NO. C36 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

U:\18028 – Placerville Dr. Bicycle–Ped. and Br. Repl – Ci Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Working\DSR\ROADWAY SET SHEETS\W–4 W–5 W–6 W–7 SHEETS.dwg Nov 20, 2025 – 3:17pm, jmoyer

ITEM	DEFINITION/ APPLICATION	SIZE/ DESCRIPTION/ TYPE	MANUFACTURER NAME MODEL #			
			ARI®	CRISPIN	VALMATIC	APCO
AIR RELEASE VALVE	TO ALLOW AIR RELEASE & PREVENT VACUUM DURING RELEASE AND RECHARGE	1" & 2" COMBINATION AIR RELEASE AND AIR/VACUUM CAST IRON BODY WITH 316 SS PARTS WITH 316 SS TRIM	D-025-C 1" D-040-C 2"			
		3" COMBINATION AIR VACUUM AND AIR/VACUUM CAST IRON BODY WITH 316 SS PARTS WITH 316 SS TRIM	D-070-C			
		4" – 10" CONBINATION AIR VACUUM AND AIR RELEASE CAST IRON BODY WITH 316 SS PARTS WITH 316 SS TRIM	D-080-C			
ITEM	DEFINITION/ APPLICATION	SIZE/ DESCRIPTION/ TYPE	MANUFACTURER NAME MODEL #			
			FORD	JONES	MUELLER	
ANGLE METER	FOR WATER METERS	1" BRASS TRIPLE PURPOSE COUPLING NUT FOR METER CONNECTION WITH GASKET	BW344W2NL	67-D1-W-552	619(2)L	
		1" PSI TANDEM X METER BARREL ASSY. WITH GASKET CONNECTION	BW507W2NL	67-D1-552	619(2)M	
ITEM	DEFINITION/ APPLICATION	SIZE/ DESCRIPTION/ TYPE	MANUFACTURER NAME MODEL #			
			FORD	JONES	MUELLER	
APPURTENANCE BOXES – ABOVE GROUND	FOR METER SETTING WATER SERVICE AND APPURTENANCES	1" & 1" PSI TANDEM YOKE BODY ENCLOSURE	FB1419-11-NL			
		1½", 2", & 3" PSI INVERTED YOKE BODY ENCLOSURE	FB1509-11-NL & FB1509-12-NL – FB1509-13-NL			
		4" & 6" PSI INVERTED YOKE BODY ENCLOSURE	FB1509-14-NL & FB1509-15-NL – FB1509-16-NL			
		4" TOP VAULT ABOVE GROUND PRESSURE RATED SINGLE METER ENCLOSURE				B1419-NL
		6" TOP VAULT ABOVE GROUND PRESSURE RATED SINGLE METER ENCLOSURE				B1419-NL(2)-D
		8" TOP VAULT ABOVE GROUND PRESSURE RATED SINGLE METER ENCLOSURE				B1419-NL(3)-D

M:_STANDARD DESIGN DETAILS CAD\XL_SHEET_SETS\DRAWING_WATER_STANDARD_DETAILS.DWG

EL DORADO IRRIGATION DISTRICT

MANUFACTURE'S LIST

DRAWN BY: A. URTEAGA	SCALE: NONE	REVISION: 3	DATE: 1/31/19	BY: KW
APPROVED: B. MUELLER	DATE: 4 / 09	4	9/11/19	KW
		5	8/10/21	KW

EID STANDARD DRAWING NO. W08

ITEM	DEFINITION/ APPLICATION	SIZE/ DESCRIPTION/ TYPE	MANUFACTURER NAME MODEL #		
			OLD CASTLE	FLAMER WARM SPRINGS	
APPURTENANCE BOXES – BELOW GROUND	FOR BELOW GROUND WATER SERVICES AND WATER MAIN APPURTENANCES	6"x6"x6"– 6" GROOVED	B06 W06 B06 COVER B06 W06 B06 COVER		
		VALVE – 6" GROOVED VERTICAL WAFER TYPE	B6 W06 B06 LID		
		3/4" – 1" WATER METER – GROOVED	B10 W06 B06 SCORED LID		
		3/4" – 1" WATER METER – SCORED	B10 W06 B06 SCORED LID		
		1" – 2" WATER METER – GROOVED	B10 W06 B06 SCORED LID		
		1" – 2" WATER METER – SCORED	B10 W06 B06-SCORE LID		
		1" WATER METER – CONCRETE	B10 W06 B06-SCORE LID		
		1½" WATER METER – GROOVED	B10 W06 B06-SCORE LID		
		1½" WATER METER – SCORED	B10 W06 B06-SCORE LID		
		1½" WATER METER – CONCRETE	B10 W06 B06-SCORE LID		
		2" WATER METER – GROOVED	B10 W06 B06-SCORE LID		
		2" WATER METER – SCORED	B10 W06 B06-SCORE LID		
		2" WATER METER – CONCRETE	B10 W06 B06-SCORE LID		
		1½" – 2" DOUBLE CHECK VALVE ASSEMBLY	B24 W06 B06 OR B24 W06 B06 LID		
		3" – 6" DOUBLE CHECK VALVE ASSEMBLY	B36 W06 B06 OR B36W06 B06 LID		PW/2436 LID = B36W6
		8" – 10" DOUBLE CHECK VALVE ASSEMBLY	B48 W06 B06 OR B48W06 B06 LID		PW/3648 LID = B48W6
		3" – 6" REDUCED PRESSURE VALVE ASSEMBLY	B36X36 W06 B06 OR B36X36 W06 B06 LID		
		8" – 10" REDUCED PRESSURE VALVE ASSEMBLY	B48X36 W06 B06 OR B48X36 W06 B06 LID		
		4" & 6" RPP REMOVABLE VALVE ENCLOSURE	B24X36W06 B06 OR B24X36 W06 B06 LID		
		8" & 10" RPP REMOVABLE VALVE ENCLOSURE	B36X36 W06 B06 OR B36X36 W06 B06 LID		
		PRESSURE ZONE CHANGE – GROOVED W06 B06 LID	B10 W06 B06-SCORE LID		
		"VENDOR WARE FLEX BOX"	B36 W06 B06 OR B36W06 "VENDOR"		

			FEBCO	WATTS	WILKINS
BACKFLOW PREVENTION ASSEMBLY	FOR PROTECTION OF POTABLE DOMESTIC CONNECTIONS	¾" – 2" STRAIGHT PATTERN TYPE	1068SS	LF009	975XL, 375XL
	FOR RISER SERVICES	2½"-3"-4" – 10" REDUCED PRESSURE TYPE			350 AGS, 450SS
BACKFLOW PREVENTION ASSEMBLY FOR DUAL PLUMBED HOMES				WILKINS	
	*MUST BE RPP APPROVED	6" RISER DEVICE & SINGLE INDEPENDENT ACTING CHECK MODEL ALL BRONZE		350XL	
BRASS PIPE	FOR BRASS APPURTENANCES			MERIT BRASS	
	*MUST BE ENGAGED MECHANICAL GROOVED	1" – 10"		SCHEDULE 40	

EL DORADO IRRIGATION DISTRICT

MANUFACTURER'S LIST

DRAWN BY: A. URTEAGA	SCALE: NONE	REVISION: 7	DATE: 8/10/19	BY: MM
APPROVED: B. MUELLER	DATE: 4 / 09	8	9/19/19	KW
		9	10/16/20	KW

EID STANDARD DRAWING NO. W08A

ITEM	DEFINITION/ APPLICATION	SIZE/ DESCRIPTION/ TYPE	MANUFACTURER NAME MODEL #			
			PRATT	MUELLER	CRISPIN VALVE	
BUTTERFLY VALVE*	ALLOW OR PREVENT FLOW THROUGH WATER MAINS	BURIED APPLICATIONS – 12" – 24" CLASS 250 CAST IRON, RUBBER SEATED, (EXPORT ONLY) BI-CENTER MECHANICAL JOINT DR FLANGE	METRON MP-2500	METRON GROVED 125	DOS-CHEM 250 ROS-CHEM 250 #1 Class 250 (GROVED 125)	
	* MUST BE ANSI/NSF APPROVED		ABZ	BRAP		
		BALL/MARINE GROUND APPLICATIONS 12" – 24" CLASS 250 DUCTILE IRON, RUBBER SEATED, STAINLESS STEEL DISCS, BRONZE BEARINGS	SERIES 107	Triton TRIPLE OFFSET		
ITEM	DEFINITION/ APPLICATION	SIZE/ DESCRIPTION/ TYPE	MANUFACTURER NAME MODEL #			
			FORD	JONES	MUELLER	
CORPORATION STOP WITH AWWA IP THREAD	FOR WATER VALVES	1" MIP X MIP ALL BRONZE	FB500-4-Q	613-4	B-20012N	
		2" MIP X MIP ALL BRONZE	FB500-7Q	613-7	B-20013N	
CORROSION PROTECTION*	* MUST BE ANSI/NSF APPROVED		NO-OX-ID			
		FOR ALL BOLTED CONNECTIONS	A SPECIAL			
CURB STOP	FOR WATER BELOW-GRD	3/4" – 1" FIP X FIP ALL BRONZE, LOCKING WING FULL PORT	B15701WNL	FJ140CW	B-24008N	
		1½"-1" FIP X FIP FIP ALL BRONZE, LOCKING WING FULL PORT	B15722WNL	FJ160CW	B-24020N	
DUCTILE IRON PIPE	FOR WATER MAINS	4" – 12" AWWA C151 APPROVED, DUCTILE CEMENT LINED WATER MAIN, RUBBER GASKET PUSH-ON TYPE		PACIFIC STATES	US PIPE	AMERICAN
			TYTON-JOINT	TYTON JOINT	TYTON JOINT	
FIRE HYDRANT	FOR FIRE PROTECTION	6"-(14" MAIN VALVE, TWO 2½"x4½" HOSE NOZZLE NST, ENS or 4½" STEAMER NOZZLE NST, DRY BARREL, 6" BELL INLET, OPEN LEFT		MUELLER	CLOW	
				SUPER CENTURION 250 A423	MEDALLION 250/244 WITH LONGNECK 5ft. UPPER & LOWER BARREL, TROPHY COCKPIT, BLACK	
FITTINGS – DUCTILE IRON	FOR USE WITH PVC OR DI WATER MAINS	ASPHALTIC OUTSIDE COATING WITH MORTAR LINING, MECHANICAL JOINT FLANGED, BENDS, TEES, CROSSES, CAPS, REDUCERS, EXPANSION PIECES AND ADAPTORS		SIGMA	STAR	TYLER-UNION
FLEXIBLE COUPLING*	FOR USE WITH WATER MAINS	EPOXY LINED AND COATED		MUSSELLER	KRAUSZ HYMAX	SMITH BLAIR	ROMAC
	* MUST BE ANSI/NSF APPROVED					

EL DORADO IRRIGATION DISTRICT

MANUFACTURER'S LIST

DRAWN BY: A. URTEAGA	SCALE: NONE	REVISION: 8	DATE: 8/10/19	BY: MM
APPROVED: B. MUELLER	DATE: 4 / 09	10	5/4/20	KW

EID STANDARD DRAWING NO. W08B

ITEM	DEFINITION/ APPLICATION	SIZE/ DESCRIPTION/ TYPE	MANUFACTURER NAME MODEL #			
GATE VALVE, BRASS*	FOR USE WITH WATER MAINS			RES and WEDGE	MATCO	
	* MUST BE ANSI/NSF APPROVED	1½" – 8" END RES		B2619, B2619	5181	
GATE VALVE, RESILIENT SEAT*	FOR USE WITH WATER MAINS	4" – 12" DUCTILE IRON WEDGE SEAT, FUSION EPOXY LINED AND COATED NONRISING STEM, MANUALLY OPERATED MECHANICAL JOINT OR FLANGE		MUELLER	AFB	CLOW
	* MUST BE ANSI/NSF APPROVED			A23660	4FC2500	F6100
PRESSURE REDUCING VALVE	FOR USE WITH WATER MAINS AND TANKS	4" – 16" DUCTILE IRON BODY WITH FUSION EPOXY COATED RODS, STAINLESS STEEL TRIM AND CONTROL TUBING			CLA-VAL	
					90-01 SERIES IRON BASED MAIN VALVE	
PRESSURE REGULATOR	FOR USE WITH WATER METER	1½" – 2" WITH SRV METER BYPASS "BOSS WITH BY-PASS GLOBE STYLE VALVE			CLA-VAL	WATTS
					90-01 SERIES	LF1852Q3
PRESSURE TRANSDUCER	FOR USE AT PUMP STATIONS AND PRESSURE REDUCING STATIONS *MUST BE MANUFACTURER APPROVED	PROCESS CONNECTIONS: ½"-20 NPS MALE ELECTRICAL CONNECTIONS: ½"-20 NPS FEMALE				ROSE-MOUNT
		PROCESS CONNECTIONS: ½"-14 NPS MALE ELECTRICAL CONNECTIONS: ½"-14 NPS, G1/2, AND M20 x 1.5 CONDUIT				3095
						3051
PVC PIPE	* MUST BE APPROVED FOR WATER MAINS				NORTH AMERICAN PIPE COMPANY	JM EAGLE	VINYLTECH	DIAMOND
		4" – 12" AWWA C900 INTEGRAL BELL & SPIGOT PUSH-ON, DR14/DR18			PVC C900	PVC C900	PVC C900	PVC C900
					PACIFIC PLASTICS	JM EAGLE	NORTH AMERICAN
	FOR WATER APPURTENANCES	¾" – 12" (SCHEDULE 80)			SCHEDULE 80	SCHEDULE 80	SCHEDULE 80
REDUCED PRESSURE PRINCIPLE DETECTOR ASSEMBLY	FOR PREVENTION OF CROSS CONNECTION CONTAMINATION, AND DIVERTION OF WATER ON UNAUTHORIZED USE				WILKINS	
		6"x6"x6" – 10" SEPARATE ENCLOSURES INCLUDES PRESSURE PANELS FOR DETECTOR ASSEMBLY & 2"x6" BONNET ON 8 & 10" BYPASS METER			375XLDA, 475XLDA	

EL DORADO IRRIGATION DISTRICT

MANUFACTURER'S LIST

DRAWN BY: A. URTEAGA	SCALE: NONE	REVISION: 3	DATE: 8/10/19	BY: MM
APPROVED: B. MUELLER	DATE: 4 / 09	4	9/19/19	KW

EID STANDARD DRAWING NO. W08C

ITEM	DEFINITION/ APPLICATION	SIZE/ DESCRIPTION/ TYPE	MANUFACTURER NAME MODEL #			
			EBAA	SIGMA	TYLER-UNION	STAR
RESTRAINING GLAND	* MUST BE (ANSI/)NSF APPROVED GLANDS MUST BE CLEARLY MARKED FOR EITHER DR OR IPS					
SERVICE FITTINGS	FOR USE WITH METER SERVICE	1" & 1½" ROUTER/SWING, STD STAINLESS STEEL INSERT		FORD	JONES	MUELLER
		1" to 2" CONNECTION X MIP STRAIGHT DISCHARGE	52 INSERT	C28805	C28605	H154266
		1" to 2" CONNECTION X FIP STRAIGHT DISCHARGE	EF44SL	C28705	C28607	H154286
		1" to 2" COMPRESSION X FIP STRAIGHT DISCHARGE	EF44SQ	C28807	C28707	H154536
SERVICE SADDLE IP THREAD	FOR SERVICE TAP TO PVC, DI, OR MDPE PIPE	¾" – 1½" BRASS BRONZE/DUAL STRAP SADDLE, IPS, IPXC		FORD	JONES	MUELLER / MUELLER SERIES
		¾" TO 12" BRASS DOUBLE STRAP SADDLE, IPS, IPXC	190	3986	3706	H-3828
			202B	4370		H-828
SERVICE TUBING*	FOR WATER SERVICES			MUELLER	KAMCO	
	COATED BORDER SHALL BE BLUE IN COLOR	3/4" – 1" 200 PSI MIN. TYPE IK COATED BORDER		STREAMLINE	ASDA-SHIELD	
	ANODES SHALL BE INSTALLED ON ALL COPPER SERVICES PER EID STANDARD DETAILS	2" 200 PSI MIN. TYPE IK COATED COPPER FOR SERVICES 10' OR LESS		MUELLER	KAMCO	
				STREAMLINE	ASDA-SHIELD	
	* MUST BE (ANSI/)NSF APPROVED			MUELLER	CAMPBELL CAP	
		1"-200 PSI MDPE-BRASS ADAPTER TO BE USED WHERE 1" TO 1½" PVC PIPE SIZE TRANSITION OCCURS		STREAMLINE		
TAPPING SLEEVE MLCS & OTHER	FOR TAPPING A MAINLINE SIZE OF TAP SHALL BE A MINIMUM OUTSIDE SIZE SMALLER THAN THE PIPE BEING TAPPED	6" & GREATER MLCS PIPE CAST IRON, FLOATING HEAD TAPPING SLEEVE, TAPPER/SAWZALL ALTOGETHER		FORD	JCM	
		ALL SIZES PIPE SIZES UP TO 350 PSI ALL SIZES WITH VENT VALVE	2000SS		432 & 413	
TRACER WIRE	TO BE PLACED OVER ALL PIPE	12 AWG TRACER WIRE (DIRECT BURY)		SPANCO WIRE CO.	COPPER-HEAD	REGENCY WIRE	AGAVE WIRE
TRACER WIRE SPLICE	TO BE USED FOR WIRE SPLICES	COPPER SPLICING DR LATERAL SLEEVE, WRING HEAD/CONNECTOR			NICOPRESS		
		SPLICING TOOL			47K-1052/D-CODE 851035		
					81300-/81308A (47K)/D-CODE		
VALVE BOX RISER DEBRIS CAP	FOR 8" DIAMETER RISER MUST HAVE LOCKABLE LATCH BOLT, LOCK NOT REQUIRED MUST MEET I.D. TAG	RED HANDLE/OPEN VALVE-NORMALLY CLOSED BLUE HANDLE FOR VALVE NORMALLY OPEN		SW SERVICES			

EL DORADO IRRIGATION DISTRICT

MANUFACTURE'S LIST

DRAWN BY: P. WILSON	SCALE: NONE	REVISION: 3	DATE: 8/10/19	BY: KW
APPROVED: B. MUELLER	DATE: 3 / 19	4	8/17/20	KW
		5	8/10/21	KW

EID STANDARD DRAWING NO. W08D

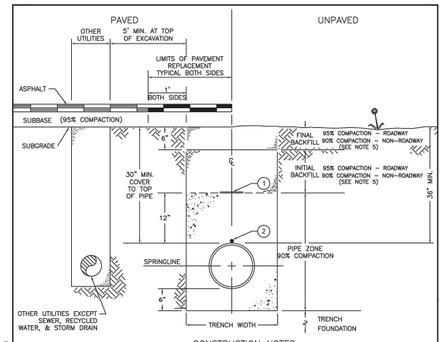
ITEM	DEFINITION/ APPLICATION	SIZE/ DESCRIPTION/ TYPE	MANUFACTURER NAME MODEL #		
			NORTHTOWN	CHRISTY	
WARNING TAPE	TO BE PLACED OVER ALL PIPE	12" MIDI-BLUE NON-METALLIC TAPE, "RECYCLED"			
WATER SERVICE METER	FOR WATER SERVICE	5/8" – 1" FOR DOMESTIC IRRIGATION RESIDENTIAL ALL BRONZE SCREW-IN-REGISTER ROTATING DISPLACEMENT TYPE MAGNETIC DRIVE W/ STRAINER		SENSUS	SMART	
		1-1/2" – 2" FOR DOMESTIC IRRIGATION RESIDENTIAL ALL BRONZE SCREW-IN-REGISTER ROTATING DISPLACEMENT TYPE MAGNETIC DRIVE W/ STRAINER			TURBINE	
		2" – 6" INDUSTRIAL COMMERCIAL ALL BRONZE SINGLE-ROTATING MAGNETIC COMPOUND W/ STRAINER, W/ PASS		SENSUS-113	TURBINE	
		1-1/2" – 2" SERVICEABLE COMMERCIAL ALL BRONZE TURBO MAGNETIC DRIVE			TURBINE	

EL DORADO IRRIGATION DISTRICT

MANUFACTURER'S LIST

DRAWN BY: KRD/TJW	SCALE: NONE	REVISION: 1	DATE: 8/10/19	BY: MM
APPROVED: B. MUELLER	DATE: 8 / 19	2	8/16/21	KW

EID STANDARD DRAWING NO. W08E



CONSTRUCTION NOTES

1. PERMITS SHALL BE REQUIRED FOR ANY EXCAVATION OVER 5 FEET IN DEPTH, INTO WHICH A PERSON IS REQUIRED TO DESCEND OR ANY EXCAVATION LESS THAN 5 FEET IN DEPTH IN SOILS WHERE HAZARDOUS GROUND MOVEMENT MAY BE EXPECTED AND INTO WHICH A PERSON IS REQUIRED TO DESCEND.
2. PIPE TO BE LAID WITH LABEL UP ON EACH JOINT.
3. ROAD REPAIR SHALL CONFORM TO JURISDICTIONAL AGENCY PERMIT CONDITIONS AND SPECIFICATIONS. PRIVATE ROADS SHALL FOLLOW STANDARD SPECIFICATION 32 12 16.
4. COMPACTION IS RELATIVE TO ASTM D1557.
5. ENCROACHMENT PERMIT CONDITIONS TAKE PRECEDENCE WHEN MORE RESTRICTIVE.
6. SEWER UTILITIES ARE NOT PERMITTED WITHIN 10' HORIZONTALLY AND/OR 1' VERTICALLY OF WATER FACILITIES.
7. RECYCLED WATER AND STORM DRAIN UTILITIES ARE NOT PERMITTED WITHIN 5' HORIZONTALLY AND/OR 1' VERTICALLY OF WATER FACILITIES.
8. PIPE SIZES BELOW 4" REQUIRE A MINIMUM TRENCH CLEARANCE OF 6" ON EACH SIDE OF PIPE.
9. INSTALL TRACER WIRE ON ALL APPURTENANCES PER W19.

TRENCH WIDTH TABLE		
PIPE SIZE	TOTAL TRENCH WIDTH	
	MIN	MAX
4"	18"	22"
6"	18"	24"
8"	20"	26"
12"	24"	30"
16"	40"	52"
20"	44"	56"
24"	48"	60"
30"	54"	66"
36"	60"	72"
42"	66"	78"
48"	72"	84"

ITEM #	DESCRIPTION
1	WARNING TAPE PER W08
2	TRACER WIRE, SEE W19

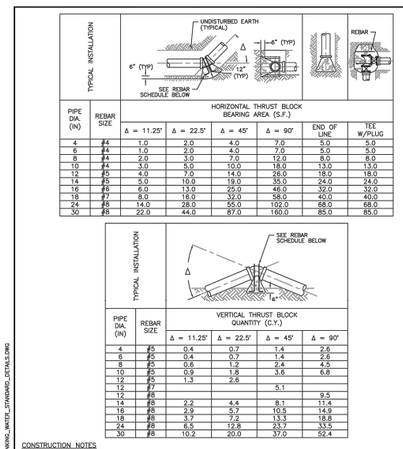
M:_STANDARD DESIGN DETAILS CAD\XL_SHEET_SETS\DRAWING_WATER_STANDARD_DETAILS.DWG

EL DORADO IRRIGATION DISTRICT

WATER TRENCH SECTION

DRAWN BY: B. SIZELOVE	SCALE: NONE	REVISION: 1	DATE: 8/4/2018	BY: KW
APPROVED: B. MUELLER	DATE: 4 / 09	2	5/1/2019	MG

EID STANDARD DRAWING NO. W10



PIPE DIA. (IN)	REBAR SIZE	HORIZONTAL THRUST BLOCK BEARING AREA (S.F.)					
		Δ = 11.25°	Δ = 22.5°	Δ = 45°	Δ = 90°	END OF LINE	TEE W/PLUG
4	#4	1.0	2.0	4.0	7.0	5.0	5.0
6	#4	1.0	2.0	4.0	7.0	5.0	5.0
8	#4	2.0	3.0	7.0	12.0	8.0	8.0
10	#4	3.0	5.0	10.0	18.0	13.0	13.0
12	#5	4.0	7.0	14.0	26.0	18.0	18.0
14	#5	5.0	10.0	19.0	35.0	24.0	24.0
16	#6	6.0	13.0	25.0	46.0	32.0	32.0
18	#7	8.0	14.0	32.0	58.0	40.0	40.0
24	#8	14.0	28.0	55.0	102.0	68.0	68.0
30	#8	22.0	44.0	87.0	160.0	85.0	85.0

PIPE DIA. (IN)	REBAR SIZE	VERTICAL THRUST BLOCK QUANTITY (C.Y.)			
		Δ = 11.25°	Δ = 22.5°	Δ = 45°	Δ = 90°
4	#3	0.4	0.7	1.4	2.8
6	#3	0.4	0.7	1.4	2.8
8	#3	0.6	1.2	2.4	4.5
10	#3	0.9	1.8	3.6	6.8
12	#3	1.3	2.6		
12	#7			5.1	
12	#8				9.5
14	#8	2.2	4.4	8.1	11.4
16	#8	2.9	5.7	10.5	14.9
18	#8	3.7	7.2	13.3	18.8
24	#8	6.5	12.8	23.7	33.5
30	#8	10.2	20.0	37.0	52.4

CONSTRUCTION NOTES

1. THRUST BLOCK DESIGN IS BASED ON TEST PRESSURE=200psi, SOIL BEARING PRESSURE=1500lbs/SF. INSTALLATIONS USING HIGHER PRESSURE OR LOWER SOIL BEARING PRESSURE SHALL BE ADJUSTED ACCORDINGLY, AND SUBMITTED FOR APPROVAL BY EID ENGINEERING DEPARTMENT.
2. THRUST BLOCKS SHALL BE CONSTRUCTED OF 3600 PSI CLASS 2 MIX WHERE IT SHALL REACH 3600 PSI AT 28 DAYS. THIS MIX SHALL CONFORM TO SECTIONS 51 AND 90 OF CALTRANS MOST RECENT SPECIFICATIONS.
3. THRUST BLOCKS SHALL BE PLACED AGAINST UNDISTURBED SOIL.
4. GLANDS, NUTS, AND BOLTS SHALL BE KEPT CLEAR OF CONCRETE AND BE ABLE TO BE OPERATED WITHOUT DISTURBING THRUST BLOCK(S).
5. REBAR SHALL BE SHAPED WITH 90° BEND AT END, AND MINIMUM OF 3" CLEARANCE FROM SOIL.
6. COAT EXPOSED REBAR WITH 80 MILS OF COLD-APPLIED BITUMASTIC WATER PROOFING COMPOUND OR NO-OX TYPE A, WRAP EXTERIOR OF VALVE AND ACTUATOR WITH 8 MIL POLYETHYLENE SHEETING AND TAPE PER EID SPECIFICATION.
7. ALL REBAR SHALL BE GRADE 60 STEEL.

M:_STANDARD DESIGN DETAILS CAD\XL_SHEET_SETS\DRAWING_WATER_STANDARD_DETAILS.DWG

EL DORADO IRRIGATION DISTRICT

THRUST BLOCK DETAILS

DRAWN BY: M. SIZELOVE	SCALE: NONE	REVISION: 5	DATE: 8/7/20	BY: KW
APPROVED: B. MUELLER	DATE: 4 / 09	6	4/28/20	MG
		7	3/14/21	DM

EID STANDARD DRAWING NO. W11

W - 6

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE

HOR. SCALE:

VERT. SCALE:

CITY OF PLACERVILLE

Dewberry

11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:

PLACERVILLE DRIVE BRIDGE REPLACEMENT

EID STANDARD DETAILS

CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO

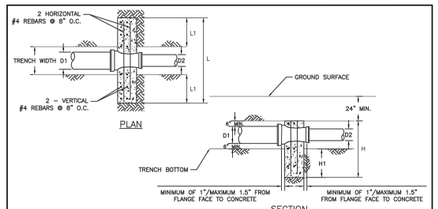
DATE: 11/14/2025
DRAFTER: DRAFTER
DESIGNER: DESIGNER
REVIEWER: REVIEWER

PROJECT NO.
CIP #41410

SHEET NO. C37 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

U:\18028 – Placerville Dr. Bicycle-Ped and Br. Repl – Ci Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil Working\DSR\ROADWAY SET SHEETS\W-4 W-5 W-6 W-7 SHEETS.dwg Nov 20, 2025 – 3:17pm, jmoyer



SECTION

D1=D2 (IN)	REDUCER							
	TRENCH WIDTH* (IN)	L (IN)	H (IN)	H1 (IN)	L1 (IN)	TOTAL AREA INCL. TRENCH (IN²)	MIN. BEARING AREA** (IN²)	THRUST (LBS)
6x4	24	38	25	5	7	950	470	3535
8x4	24	48	32	10	12	1536	1008	8485
8x6	24	42	28	6	9	1176	648	4930
10x4	30	62	41	17	16	2542	1822	14849
10x6	30	56	37	13	13	2072	1352	11313
10x8	30	48	32	8	9	1536	816	6364
12x4	30	72	48	22	21	3456	2676	22627
12x6	30	68	45	19	19	3060	2280	19091
12x8	30	62	41	15	16	2542	1762	14142
12x10	30	52	34	8	11	1768	954	7778
16x8	36	88	58	28	26	5104	3966	33940
16x10	36	82	54	24	23	4428	3294	27576
16x12	36	72	48	18	18	3456	2376	19798
18x8	36	100	66	34	32	6600	5382	45960
18x10	36	94	62	30	29	5828	4614	39597
18x12	36	86	57	25	25	4902	3750	31819

* IF A DIFFERENT TRENCH WIDTH IS USED, THE THRUST BLOCK SHALL MAINTAIN THE MINIMUM BEARING AREA SHOWN.

** BEARING AREA REQUIRED ON UNDISTURBED SOIL OUTSIDE OF TRENCH.

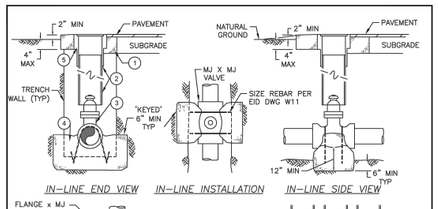
*** SEE W11 FOR CONSTRUCTION NOTES

EL DORADO IRRIGATION DISTRICT

THRUST BLOCK DETAILS

DRAWN BY	SCALE	REVISION	DATE	BY	EID STANDARD DRAWING NO.
M. SIZELOVE	NONE	3	2/5/19	PJW	W11A
APPROVED	DATE	2	6/15/20	KRD	
B. MUELLER	4 / 09	1	4/25/20	KRD	

M:_STANDARD DESIGN DETAILS CAD\DGN_SHEET_SETS\DRAWING_WATER_STANDARD_DETAILS.DWG



CONSTRUCTION NOTES

1. CENTER AND PLUM RISER OVER VALVE NUT.
2. SHAFT EXTENSION REQUIRED WHERE TOP OF NUT IS MORE THAN 3' BELOW FINISH GROUND. SHAFT SHALL BE 1-1/4" DIA. WITH A SELF-CENTERING DEVICE. SEE EID DWG W13.

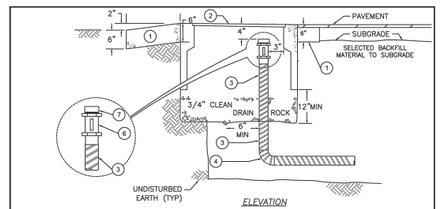
ITEM #	DESCRIPTION
1	6"X6" CONCRETE COLLAR
2	8" PVC-C900 PIPE RISER ONE PIECE
3	GATE VALVE
4	THRUST BLOCK, SEE EID DWG W11
5	G5 CONCRETE VALVE BOX WITH IRON LID

EL DORADO IRRIGATION DISTRICT

GATE VALVE INSTALLATION

DRAWN BY	SCALE	REVISION	DATE	BY	EID STANDARD DRAWING NO.
A. URTEAGA	NONE	1	5/15/18	PJW	W12
APPROVED	DATE	2	1/03/19	KRD	
B. MUELLER	4 / 09				

M:_STANDARD DESIGN DETAILS CAD\DGN_SHEET_SETS\DRAWING_WATER_STANDARD_DETAILS.DWG



* OPTION 1 OR OPTION 2 FOR BLOW OFF LOCATION TO BE FIELD DETERMINED BY ENGINEER

ITEM #	DESCRIPTION
1	6"X6" CONC. COLLAR (PAVED) 6"x12" CONC. COLLAR (UNPAVED)
2	PRECAST CONCRETE METER BOX WITH STEEL COVER
3	2" SCH. 40 BRASS DOUBLE WRAPPED WITH 10 MIL. PVC TAPE
4	2"-BRASS SWING JOINT
5	M.J. TAPPED CAP
6	CURB STOP W/ LOCKWING-FIPxFIP
7	2" BRASS PLUG
8	THRUST BLOCK PER EID DWG W11

CONSTRUCTION NOTES

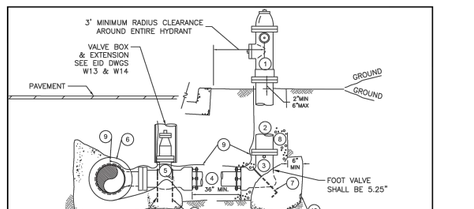
1. 2" BLOW-OFFS TO BE INSTALLED ON 8" MAINS AND SMALLER. FOR MAINS LARGER THAN 8", BLOW-OFF SIZE SHALL BE NOTED ON PLAN AND PROFILE.
2. BOXES FOR BLOW-OFF ASSEMBLY SHALL BE INSTALLED BEHIND CURB OR BACK OF WALK. BOXES CAN ONLY BE INSTALLED IN THE ROADWAY WITH APPROVAL FROM THE ENGINEER.

EL DORADO IRRIGATION DISTRICT

2" DEAD-END BLOW-OFF ASSEMBLY

DRAWN BY	SCALE	REVISION	DATE	BY	EID STANDARD DRAWING NO.
A. URTEAGA	NONE	1	10/30/18	PJW	W15
APPROVED	DATE	2	6/16/21	PJW	
B. MUELLER	4 / 09				

M:_STANDARD DESIGN DETAILS CAD\DGN_SHEET_SETS\DRAWING_WATER_STANDARD_DETAILS.DWG



ITEM #	DESCRIPTION
1	FIRE HYDRANT BODY
2	FIRE HYDRANT BODY
3	HYDRANT SHOE, FLANGE OR MJ CONNECTION WITH RESTRAINING GLAND
4	6" PIPE, D.I. OR P.V.C. DR-14
5	6" GATE VALVE, FL x MJ WITH RESTRAINING GLAND
6	TEE, MJ x MJ x FL
7	No. 4 REBAR GRADE 60
8	3/4" MINUS DRAIN ROCK AS DIRECTED BY EID
9	#10 TRACER WIRE. SEE W19 FOR TIP INSTALLATION.
10	THRUST BLOCK PER EID DWG W11

CONSTRUCTION NOTES

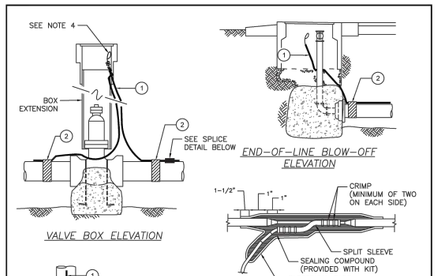
1. INSTALL TEE WITH VALVES AS DIRECTED OR HOT TAP WITH DISTRICT APPROVAL.
2. INSTALL GUARD POSTS AS DIRECTED.
3. SEE EID DWG W18 FOR FIRE HYDRANT LOCATIONS.
4. IF NEEDED, EXTENSIONS SHALL BE ONE PIECE ONLY.
5. ALL FIRE HYDRANT RUNS SHALL BE RESTRAINED. FIRE HYDRANT RUNS GREATER THAN 50' SHALL BE UPSIZED TO 8" PIPE FROM THE MAINLINE UP TO THE HYDRANT. AN 8"x6" MJxFLG REDUCER WITH A 6" GATE VALVE SHALL BE INSTALLED WITHIN THE LAST 5' OF THE HYDRANT RUN.
6. ANY EXPOSED REBAR SHALL BE COATED FOR CORROSION PROTECTION OR THE REBAR MAY BE ENCASED IN A RIBBON OF CONCRETE.
7. MJ GLAND BOLTS/NUTS MUST REMAIN FREE AND CLEAR OF OBSTRUCTION FROM CONCRETE AS DIRECTED BY THE INSPECTOR.
8. NO CONCRETE IS ALLOWED TO CONTACT THE CARRIER PIPING.

EL DORADO IRRIGATION DISTRICT

TYPICAL FIRE HYDRANT INSTALLATION

DRAWN BY	SCALE	REVISION	DATE	BY	EID STANDARD DRAWING NO.
A. URTEAGA	NONE	2	5/24/17	PJW	W17
APPROVED	DATE	3	1/15/19	PJW	
B. MUELLER	4 / 09	4	5/14/20	PJW	

M:_STANDARD DESIGN DETAILS CAD\DGN_SHEET_SETS\DRAWING_WATER_STANDARD_DETAILS.DWG



CONSTRUCTION NOTES

1. TRACER WIRE, WIRE SPLICE, AND APPROVED SPLICE TOOLS PER WOB. DISTRICT HAS THE RIGHT TO REJECT TOOLS DEEMED NO LONGER TO BE SERVICEABLE AT NO COST TO THE DISTRICT.
2. CONTRACTOR SHALL WRAP SPLICE AS SHOWN AND MOLD THE SEAL TO TWO TIMES THE THICKNESS OF THE FACTORY WIRE INSULATION. AFTER USING THE SEALING COMPOUND PROVIDED WITH THE KIT, APPLY AN APPROVED ELECTRICAL TAPE OVER THE SEAL TAPE IN THREE, HALF WRAPPED LAYERS.
3. TRACER WIRE SHALL BE INSTALLED WITH ALL PIPE. WIRE TO BE TAPED TO BASE OF CURB STOP.
4. TRACER WIRE TO BE PLACED DIRECTLY ON TOP OF THE PIPE AND TAPED TO PIPE. (FOUR PLACES EVERY FULL PIPE SECTION.)
5. STRIP APPROXIMATELY 3 INCHES OF INSULATION AT THE TERMINATION OF THE WIRE IN THE VALVE OR METER BOX.
6. LEAVE 2 FEET OF TRACER WIRE AT TERMINATING ENDS.
7. INSTALL AN EXTRA PULL BOX IF NECESSARY WHERE LOCATING WIRE IS TERMINATED AND SHOW ON THE PLANS.
8. THE CONTRACTOR SHALL TEST THE CONTINUITY OF THE FINISHED INSTALLATION.
9. WHERE VALVE RISERS ARE NOT PRESENT WITHIN 1,000 FEET INTERVALS PULL BOXES SHALL BE INSTALLED. PULL BOXES TO BE PER WOB.

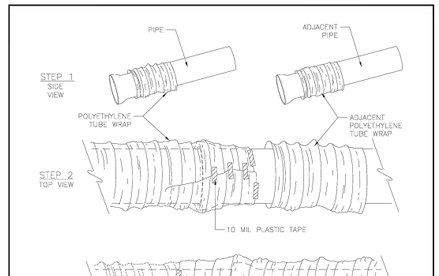
ITEM #	DESCRIPTION
1	TRACER WIRE (DIRECT BURY AND PLACE ON OUTSIDE OF RISER)
2	10 MIL TAPE WIRE TO PIPE

EL DORADO IRRIGATION DISTRICT

TRACER WIRE INSTALLATION

DRAWN BY	SCALE	REVISION	DATE	BY	EID STANDARD DRAWING NO.
A. URTEAGA	NONE	3	1/31/19	PJW	W19
APPROVED	DATE	2	5/1/19	KRD	
B. MUELLER	4 / 09	1	4/25/20	KRD	

M:_STANDARD DESIGN DETAILS CAD\DGN_SHEET_SETS\DRAWING_WATER_STANDARD_DETAILS.DWG



STEP 1 – PLACE TUBE OF POLYETHYLENE MATERIAL ON PIPE PRIOR TO LOWERING INTO TRENCH.

STEP 2 – PULL THE TUBE OVER THE LENGTH OF THE PIPE. TAPE TUBE TO PIPE AT JOINT. FOLD MATERIAL AROUND THE ADJACENT SPIGOT END AND WRAP WITH TAPE TO HOLD THE PLASTIC TUBE IN PLACE.

STEP 3 – OVERLAP FIRST TUBE WITH ADJACENT TUBE AND SECURE WITH PLASTIC ADHESIVE TAPE. THE POLYETHYLENE TUBE MATERIAL COVERING THE PIPE SHALL BE LOOSE. EXCESS MATERIAL SHALL BE NEARLY DRAWN UP AROUND THE PIPE BARREL, FOLDED ON TOP OF THE PIPE AND TAPED IN PLACE.

CONSTRUCTION NOTES

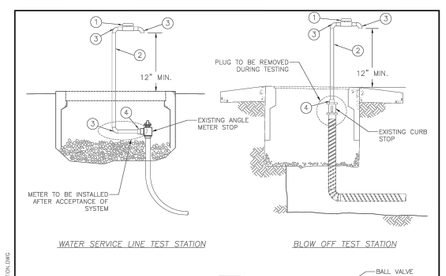
1. ALL TEARS MUST BE REPAIRED AT THE TIME OF INSTALLATION.
2. POLYETHYLENE WRAP SHALL BE BLUE IN COLOR FOR ALL WATER INSTALLATIONS.
3. ALL TAPE USED FOR POLYETHYLENE WRAP SHALL BE 10 MIL.

EL DORADO IRRIGATION DISTRICT

POLYETHYLENE WRAP

DRAWN BY	SCALE	REVISION	DATE	BY	EID STANDARD DRAWING NO.
A. URTEAGA	NONE	1	1/31/19	PJW	W25
APPROVED	DATE				
B. MUELLER	4 / 09				

M:_STANDARD DESIGN DETAILS CAD\DGN_SHEET_SETS\DRAWING_WATER_STANDARD_DETAILS.DWG



ITEM #	DESCRIPTION
1	1" PVC BALL VALVE
2	1" PVC PIPE, FOR DISINFECTION SAMPLING/TEST STATION
3	1" PVC 90° BEND
4	1" PVC BUSHING

NOTES:

1. FOR METER INSTALLATION SEE EID STANDARD DETAIL W20.
2. FOR AIR RELEASE VALVE INSTALLATION SEE EID STANDARD DETAIL W16.
3. FOR BLOW OFF INSTALLATION SEE EID STANDARD DETAIL W15.
4. DISINFECTION SAMPLING TEST STATION TO BE INSTALLED FOR EVERY BLOW OFF, AIR RELEASE VALVE, AND WATER SERVICE LINE.
5. SHOULD SOLVENT WELD MATERIALS BE USED THEY MUST COMPLY WITH NSF 61 REQUIREMENTS FOR POTABLE WATER SYSTEMS.

EL DORADO IRRIGATION DISTRICT

DISINFECTION SAMPLING/TEST STATION

DRAWN BY	SCALE	REVISION	DATE	BY	EID STANDARD DRAWING NO.
KRD/PJW	NONE				W34
APPROVED	DATE				
B. MUELLER	9/ 18				

M:_STANDARD DESIGN DETAILS CAD\DGN_SHEET_SETS\W34 DISINFECTION SAMPLING TEST STATION.DWG

20190917

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE

HOR. SCALE:

VERT. SCALE:

Dewberry

11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:

PLACERVILLE DRIVE BRIDGE REPLACEMENT

EID STANDARD DETAILS

CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO

DATE: 11/14/2025
DRAFTER: DRAFTER
DESIGNER: DESIGNER
REVIEWER: REVIEWER

PROJECT NO.
CIP #41410

SHEET NO. C38 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

W - 7

U:\18028 - Placerville Dr. Bicycle-Ped and Br. Repl - Ci. Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Working\OSR\ROADWAY SET SHEETS\W-4 W-5 W-6 W-7 SHEETS.dwg Nov 20, 2025 - 3:17pm, jmoyer

MATERIALS PARTS TABLE			
ID	DESCRIPTION	PARTS	SHEET
①	STA P67+97.32 FIRE HYDRANT INSTALLATION APPROXIMATE 11 LF OF 6-INCH DIP	(1) 10"x6" FLGxFLG TEE (1) 6" FLGxMJ ADAPTER (1) FLGxMJ GATE VALVE (1) 10"x6" FLGxMJ REDUCER (1) FIRE HYDRANT ASSEMBLY	W-2
②	STA P70+44.96 FIRE HYDRANT INSTALLATION APPROXIMATE 13 LF OF 6-INCH DIP	(1) 10"x6" FLGxFLG TEE (1) 6" FLGxMJ ADAPTER (1) FLGxMJ GATE VALVE (1) 10"x6" FLGxMJ REDUCER (1) FIRE HYDRANT ASSEMBLY	W-2
③	STA P74+51.92 FIRE HYDRANT INSTALLATION APPROXIMATE 4 LF OF 6-INCH DIP	(1) 10"x6" FLGxFLG TEE (1) 6" FLGxMJ ADAPTER (1) FLGxMJ GATE VALVE (1) 10"x6" FLGxMJ REDUCER (1) FIRE HYDRANT ASSEMBLY	W-2/W-4
④	STA P72+29.59 BLOW OFF ASSEMBLY INSTALLATION	(1) BLOW OFF ASSEMBLY	W-4
⑤	STA P74+28.02 BLOW OFF ASSEMBLY INSTALLATION	(1) BLOW OFF ASSEMBLY	W-4
⑥	STA P72+40.74 AIR RELEASE VALVE INSTALLATION	(1) 2" AIR RELEASE VALVE (1) SJARV-P ENCLOSURE	W-4

WATERLINE QUANTITIES			
ID	STA-STA	APROX. LENGTH	WATERLINE SIZE
①	W0+81.41 – W0+91.41	10 LF	10-INCH
②	W0+91.41 – W1+03.51	13 LF	
③	W1+03.51 – W1+43.29	40 LF	
④	W1+43.29 – W1+51.26	12 LF	
⑤	W1+51.26 – W2+45.30	95 LF	
⑥	W2+45.30 – W3+22.24	77 LF	
⑦	W3+22.24 – W3+30.39	12 LF	
⑧	W3+30.39 – W3+80.31	50 LF	
⑨	W3+80.31 – W3+83.68	5 LF	
⑩	W3+83.68 – W4+33.15	50 LF	
⑪	W4+33.15 – W4+52.91	20 LF	
⑫	W4+52.91 – W4+63.65	11 LF	

TEMPORARY WATERLINE QUANTITIES			
ID	STA-STA	APROX. LENGTH	WATERLINE SIZE
⑬	P74+45.22 – P77+24.05	282 LF	4-INCH

SERVICE WATERLINE QUANTITIES			
ID	STA-STA	APROX. LENGTH	WATERLINE SIZE
⑭	W3+40.50	17 LF	4-INCH
⑮	W3+41.05	17 LF	4-INCH

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE:
VERT. SCALE:

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

MATERIALS PARTS/WATERLINE QUANTITIES
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: DRAFTER
DESIGNER: DESIGNER
REVIEWER: REVIEWER

PROJECT NO.
CIP #41410
SHEET NO. C39 OF C62

NOT FOR CONSTRUCTION
100% SUBMITTAL,

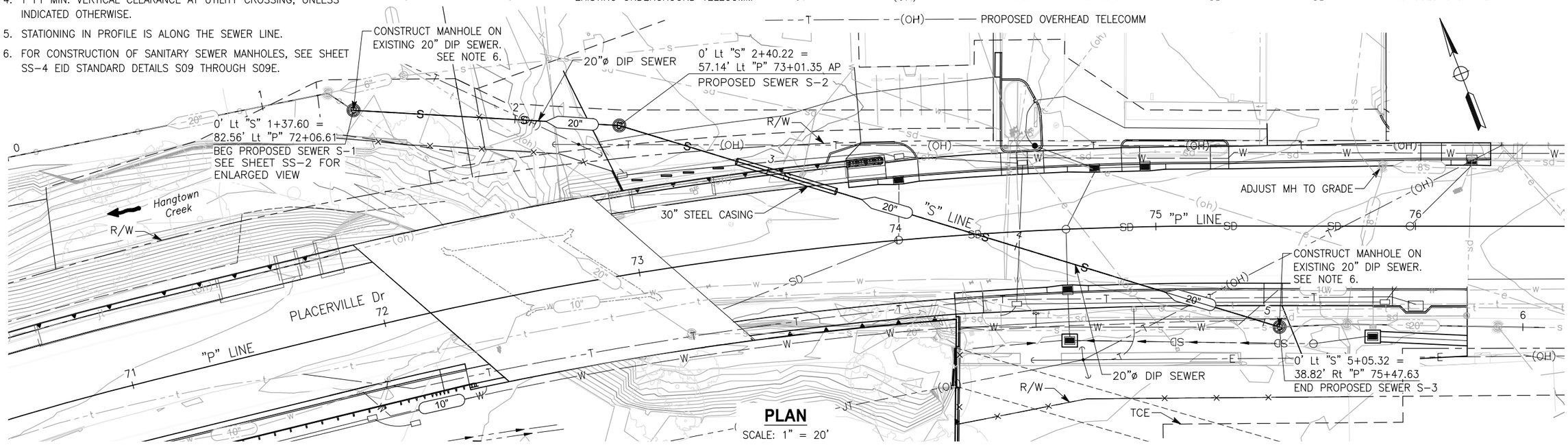
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NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT CITY.
2. FOR PROPOSED STORM DRAINAGE, SEE DRAINAGE PLANS.
3. EXISTING UTILITIES TO BE POTHOLED BY CONTRACTOR TO DETERMINE HORIZONTAL AND VERTICAL LOCATION.
4. 1 FT MIN. VERTICAL CLEARANCE AT UTILITY CROSSING, UNLESS INDICATED OTHERWISE.
5. STATIONING IN PROFILE IS ALONG THE SEWER LINE.
6. FOR CONSTRUCTION OF SANITARY SEWER MANHOLES, SEE SHEET SS-4 EID STANDARD DETAILS S09 THROUGH S09E.

LEGEND

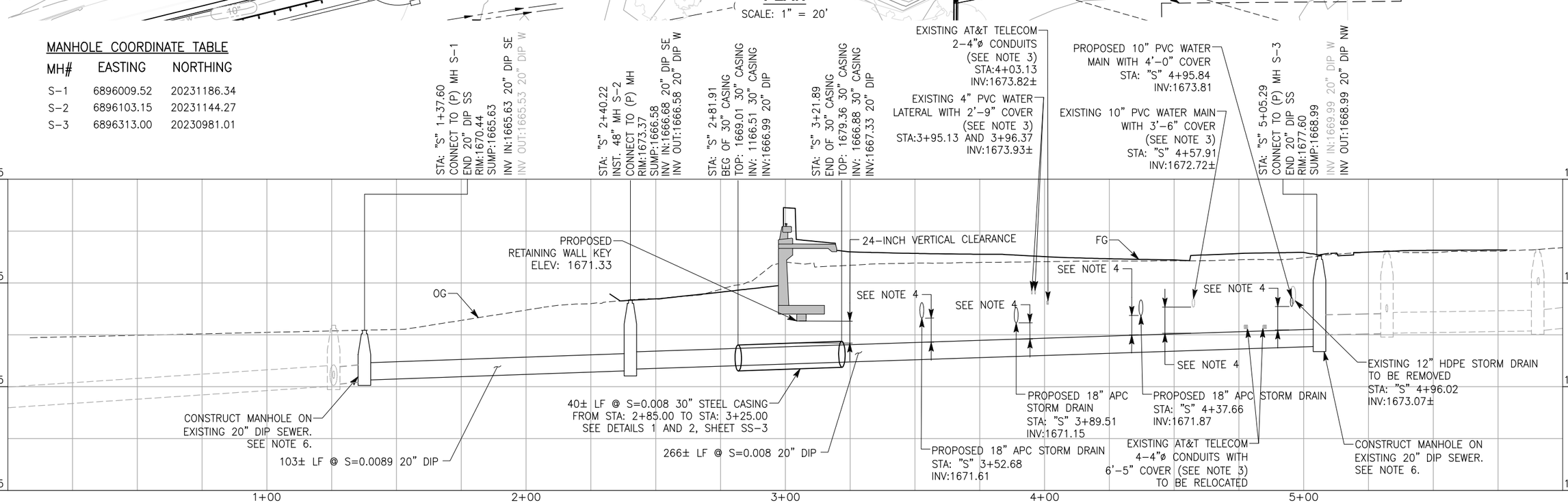
- EXISTING ELECTRICAL OVERHEAD
- EXISTING JOINT OVERHEAD
- EXISTING OVERHEAD TELECOMM
- EXISTING UNDERGROUND TELECOMM
- EXISTING WATER
- EXISTING SEWER
- EXISTING STORM DRAIN
- PROPOSED JOINT OVERHEAD
- PROPOSED OVERHEAD TELECOMM
- PROPOSED UNDERGROUND TELECOMM
- PROPOSED WATER
- PROPOSED SEWER
- PROPOSED STORM DRAIN



PLAN
SCALE: 1" = 20'

MANHOLE COORDINATE TABLE

MH#	EASTING	NORTHING
S-1	6896009.52	20231186.34
S-2	6896103.15	20231144.27
S-3	6896313.00	20230981.01



PROFILE
HORIZ SCALE: 1" = 20'
VERT SCALE: 1" = 5'

SS-1

NO	REVISION DESCRIPTION	DATE	CHECKED BY

DRAWING SCALE
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

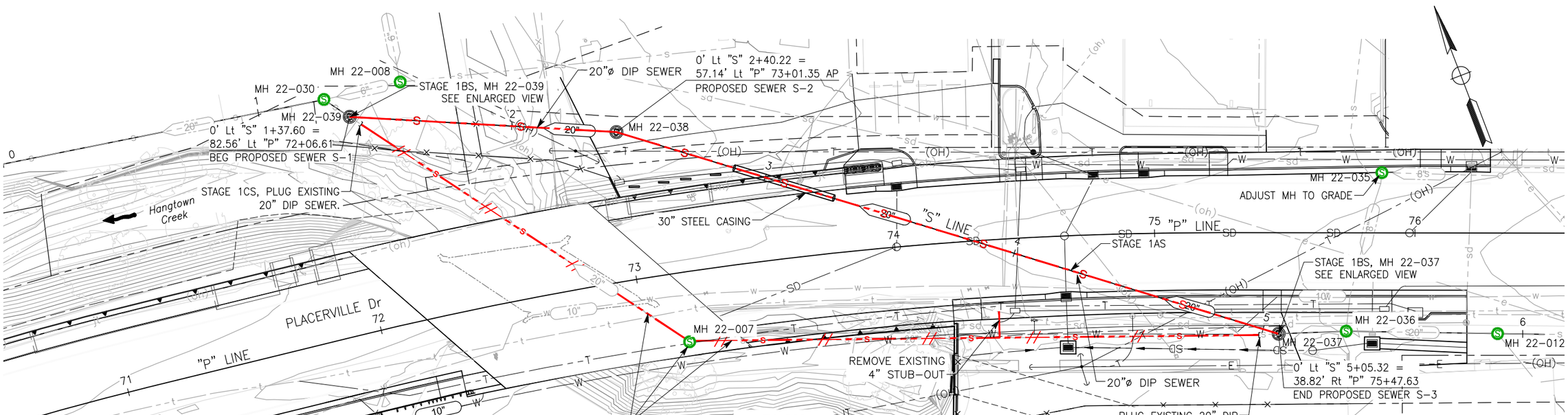
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
SANITARY SEWER PLAN AND PROFILE
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: 07/28/25
DESIGNER: 07/28/25
REVIEWER: 08/04/25

PROJECT NO.
CIP #41410
SHEET NO. C40 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

U:\18028 - Placerville Dr, Bicycle-Ped and Br. Repl - Gl Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Working\DSR.dwg Feb 12, 2026 - 1:10pm drobles



PLAN
SCALE: 1" = 20'

LEGEND

EXISTING 20" SANITARY SEWER TO BE REMOVED

PROPOSED 20" SANITARY SEWER TO BE CONSTRUCTED

STAGE 1AS – CONSTRUCT SEWER RE-ROUTE:

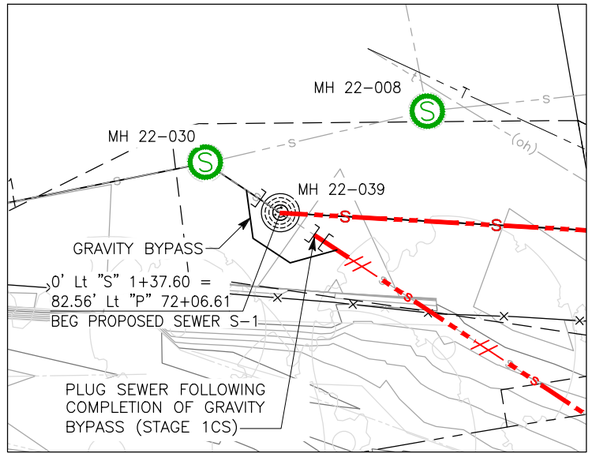
1. REMOVAL OF EXISTING 20" SEWER CANNOT OCCUR UNTIL SEWER RE-ROUTING IS COMPLETE.
2. WHILE PLACERVILLE DRIVE IS CLOSED, CONSTRUCT 20" SEWER BETWEEN MH 22-039 AND MH 22-037. CONNECTIONS TO MH 22-039 AND MH 22-037 WILL OCCUR UNDER STAGE 1BS.
3. ACCESS TO 511 PLACERVILLE DRIVE AND 2850 COLD SPRINGS ROAD MUST BE MAINTAINED DURING BUSINESS HOURS, 6AM–5PM. TRENCHING TO BE COVERED WITH STEEL PLATES DURING BUSINESS HOURS TO FACILITATE ACCESS.
4. WORK MAY BE SCHEDULED AT NIGHT (9PM–5AM) OR ON WEEKENDS SINCE PROPERTY ACCESS MUST BE MAINTAINED DURING BUSINESS HOURS.
5. TEST SEWER AND CONFIRM ACCEPTABILITY. VACUUM TEST MH 22-038.

STAGE 1BS – CONSTRUCT GRAVITY BYPASS:

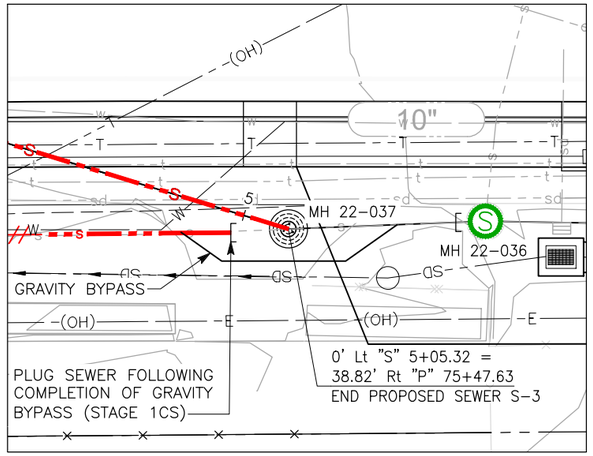
1. EXCAVATE AND EXPOSE EXISTING 20" SEWER.
2. CONSTRUCT GRAVITY BYPASS AROUND LOCATION OF PROPOSED MANHOLES AS SHOWN IN ENLARGED PLAN AT RIGHT.
3. PLUG MH 22-036 DURING A LOW FLOW PERIOD. WASTEWATER TO BE REMOVED BY VACTOR TRUCK WHILE BYPASS IS CONSTRUCTED.
4. DURING A LOW FLOW PERIOD COORDINATED WITH CITY STAFF, BREAK INTO 20" SEWER. CONNECT GRAVITY BYPASS AND INSTALL TEMPORARY PLUGS.
5. CONSTRUCT MH 22-039 AND MH 22-037. VACUUM TEST MANHOLES.
6. REMOVE PLUG AT MH 22-036 AND OPERATE GRAVITY BYPASS.

STAGE 1CS – CUT-OVER TO RE-ROUTED SEWER:

1. CONNECT RE-ROUTED 20" SEWER AT MH 22-039 AND MH 22-037.
2. REMOVE TEMPORARY PLUGS AND GRAVITY BYPASS.
3. PLUG EXISTING 20" SEWER AT MH 22-039 AND MH 22-037.
4. CUT-OVER 20" RE-ROUTED SEWER.
5. REMOVE ABANDONED 20" SEWER.



STAGE 1BS MH 22-039
SCALE: 1"=10'



STAGE 1BS MH 22-037
SCALE: 1"=10'

SS-2

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

Dewberry
1060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

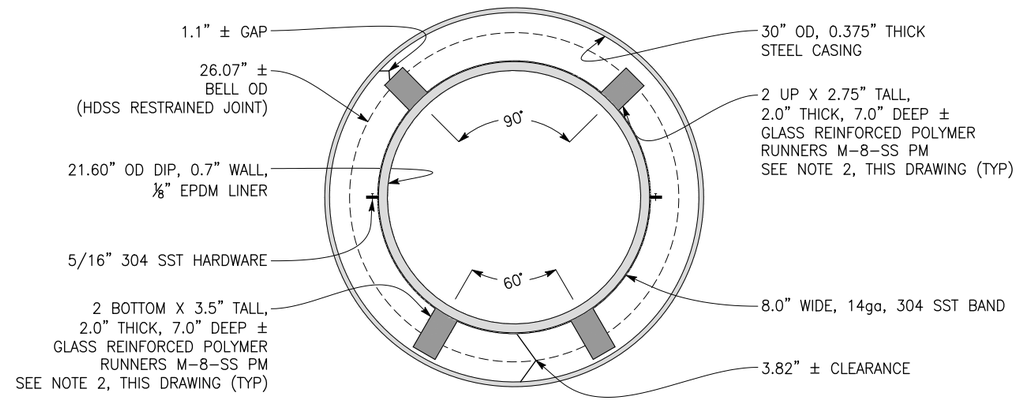
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
SANITARY SEWER STAGE CONSTRUCTION PLAN
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: D.R.B./M.S.
DESIGNER: D.R.B./M.S.
REVIEWER: D.R.B./M.S.

PROJECT NO.
CIP #41410
SHEET NO. C41 OF C62

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U:\18028 - Placerville Dr, Bicycle-Ped and Br. Repl - Ci Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Working\DSR.dwg Feb 12, 2026 - 12:03pm, drobles



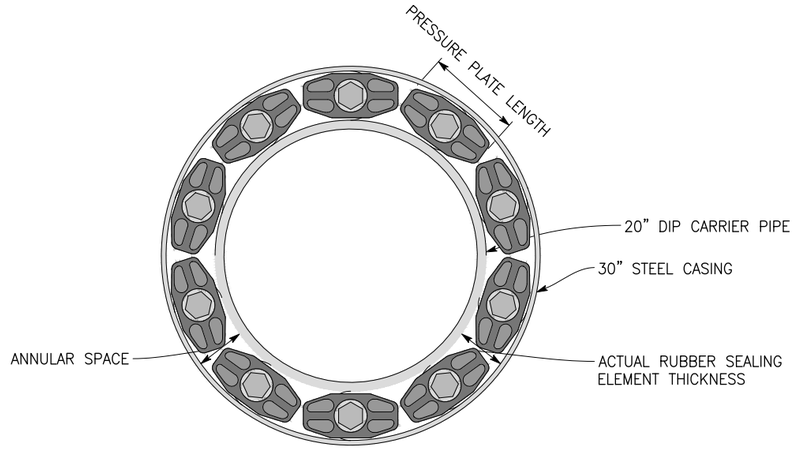
NOTES:

1. USE 4 SPACERS PER EACH 18' LENGTH OF DIP, 2'-3" FROM THE END OF EACH JOINT.
2. EACH PIPE SEGMENT SHALL BE SUPPORTED WITH SYNTHETIC SKIDS.
3. PROVIDE LINK SEAL AT ENDS OF CASING, SEE DETAIL 2, THIS DRAWING.

CASING INSULATOR 20" DIP X 30" STEEL CASING (WASTEWATER)

1 / SS-1

SCALE: 1" = 0.5'



LINK SEAL BETWEEN 20" DIP & 30" STEEL CASING (WASTEWATER)

2 / SS-1

SCALE: 1" = 0.5'

SS-3

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE

HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

Dewberry
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RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

SANITARY SEWER DETAILS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO

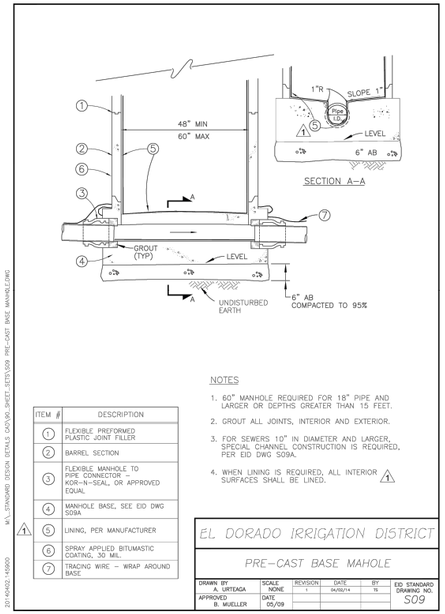
DATE: 11/14/2025
DRAFTER: D.ROGERS
DESIGNER: D.ROGERS
REVIEWER: D.RICHARDS

PROJECT NO.
CIP #41410

SHEET NO. C42 OF C62

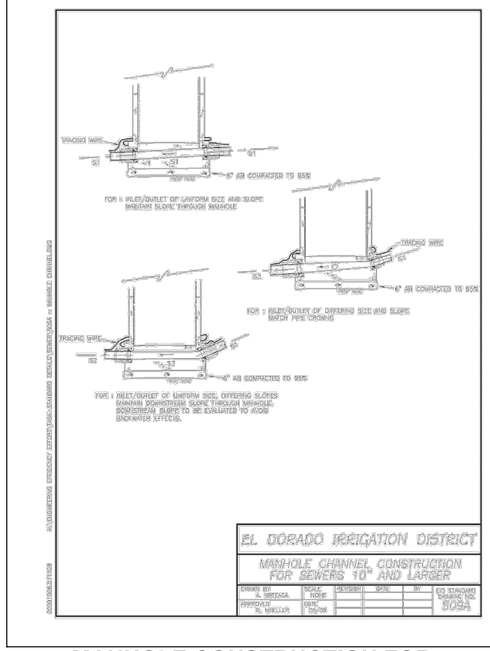
100% SUBMITTAL, NOT FOR CONSTRUCTION

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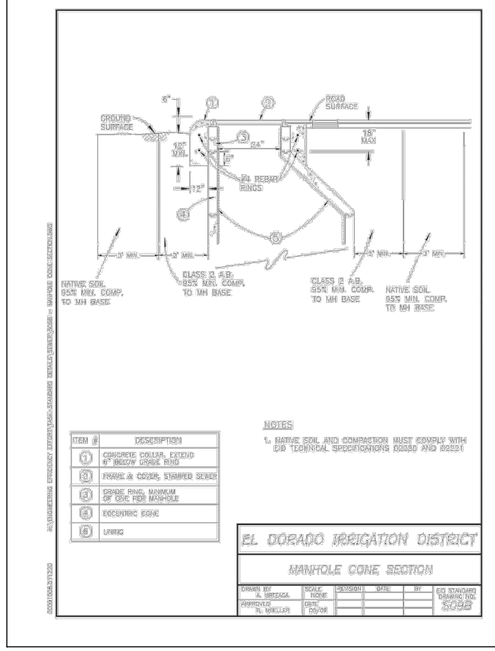
PRE-CAST MANHOLE DETAIL 1 SS-1

SCALE: NTS



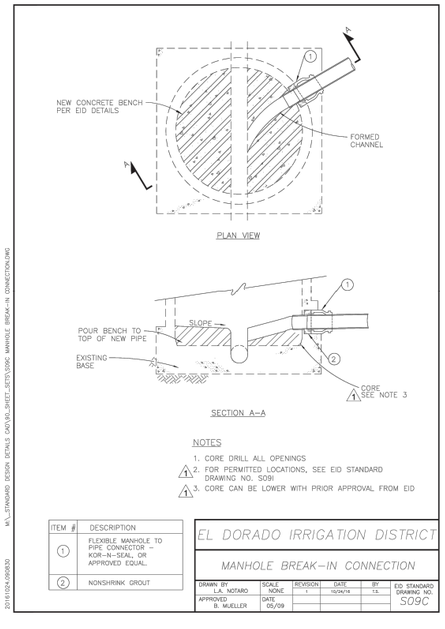
MANHOLE CONSTRUCTION FOR SEWERS 10" AND LARGER DETAIL 2 SS-1

SCALE: NTS



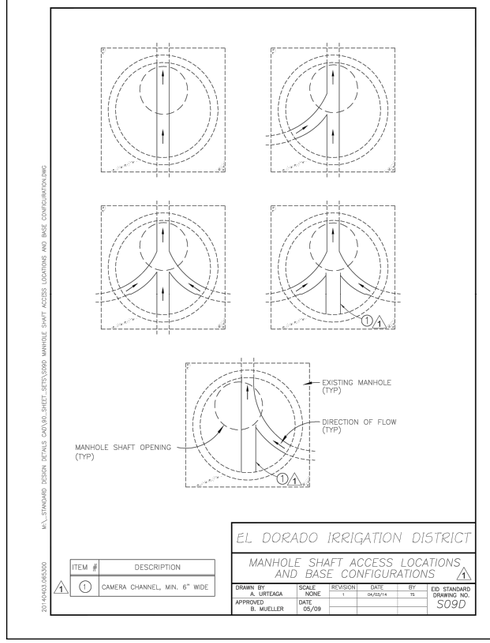
MANHOLE CONE SECTION DETAIL 3 SS-1

SCALE: NTS



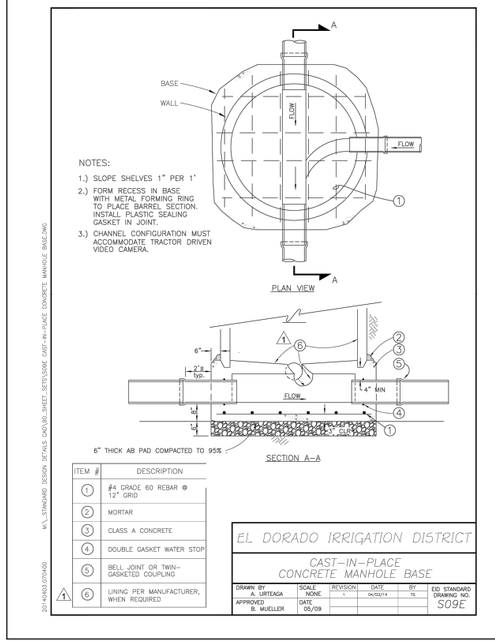
MANHOLE BREAK -IN CONNECTION DETAIL 4 SS-1

SCALE: NTS



MANHOLE SHAFT ACCESS LOCATIONS AND BASE CONFIGURATIONS DETAIL 5 SS-1

SCALE: NTS



CAST-IN-PLACE CONCRETE MANHOLE BASE DETAIL 6 SS-1

SCALE: NTS

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: 1"=20'
VERT. SCALE: 1"=5'

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IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
SANITARY SEWER DETAILS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: D.ROGERS
DESIGNER: D.ROGERS
REVIEWER: D.ROGERS

PROJECT NO.
CIP #41410
SHEET NO. C43 OF C62

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SS-4

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NOTES:

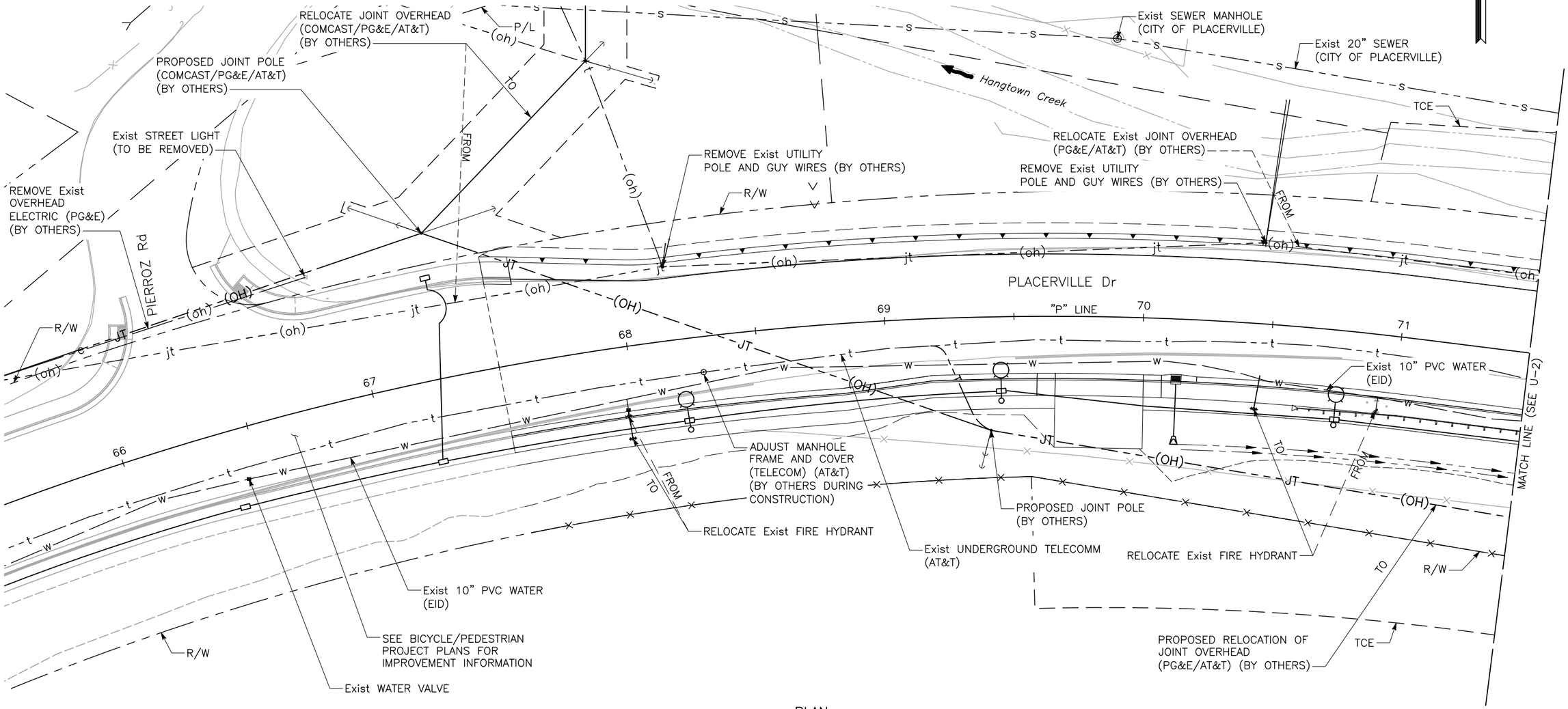
1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. FOR PROPOSED SEWER INFORMATION, SEE SANITARY SEWER PLAN.
3. FOR PROPOSED STORM DRAIN INFORMATION, SEE DRAINAGE PLAN.
4. UTILITIES SHOWN ON THIS PLAN ARE APPROXIMATE, CONTRACTOR TO VERIFY UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
5. FOR PROPOSED WATER SEE WATER PLANS.
6. REMOVE PORTIONS OF ABANDONED UTILITIES IN CONFLICT.
7. UTILITY RELOCATIONS BY OTHERS TO BE CONDUCTED PRIOR TO CONSTRUCTION UNLESS NOTED OTHERWISE.

UTILITY LEGEND:

——— –e——— ———–(oh)——— ———	EXISTING ELECTRICAL OVERHEAD (PG&E)
——— –e——— ———–e——— ———	EXISTING UNDERGROUND ELECTRICAL (PG&E)
——— – – jt — — — – – –(oh)— — — ———	EXISTING JOINT OVERHEAD (COMCAST/AT&T/PG&E)
——— – – t——— ———– –(oh)——— ———	EXISTING OVERHEAD TELECOMM (AT&T)
——— – – s——— – – ——— – –s——— – – ———	EXISTING SEWER (CITY OF PLACERVILLE)
——— – – sd——— ——— – –sd——— ———	EXISTING STORM DRAIN (CITY OF PLACERVILLE)
——— – – t——— ——— – –t——— ———	EXISTING UNDERGROUND TELECOMM (COMCAST/AT&T)
———w——— ——— ———w——— ——— ———	EXISTING WATER (EID)
——— –E——— ———–(OH)——— ———	PROPOSED ELECTRICAL OVERHEAD (PG&E)
——— – –JT— — — – – –(OH)— — — ———	PROPOSED JOINT OVERHEAD (COMCAST/AT&T/PG&E)
——— – –T——— ——— – –(OH)——— ———	PROPOSED OVERHEAD TELECOMM (AT&T)
——— – –S——— – – ——— – –S——— – – ———	PROPOSED SEWER (CITY OF PLACERVILLE)
——— – –SD——— ——— – –SD——— ———	PROPOSED STORM DRAIN (CITY OF PLACERVILLE)
——— – –T——— ——— – –T——— ———	PROPOSED UNDERGROUND TELECOMM (AT&T)
———W——— ——— ———W——— ——— ———	PROPOSED WATER (EID)
	PROPOSED STREET LIGHT
	PROPOSED STREET LIGHT CONDUIT
	POTHOLE NUMBER

ABBREVIATIONS:

PG&E	PACIFIC GAS AND ELECTRIC
EID	EL DORADO IRRIGATION DISTRICT
AT&T	AMERICAN TELEPHONE AND TELEGRAPH INC.



PLAN
SCALE: 1"=20'

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U-1

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

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RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
UTILITY PLAN
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: AGROSS

PROJECT NO.
CIP #41410
SHEET NO. C44 OF C62

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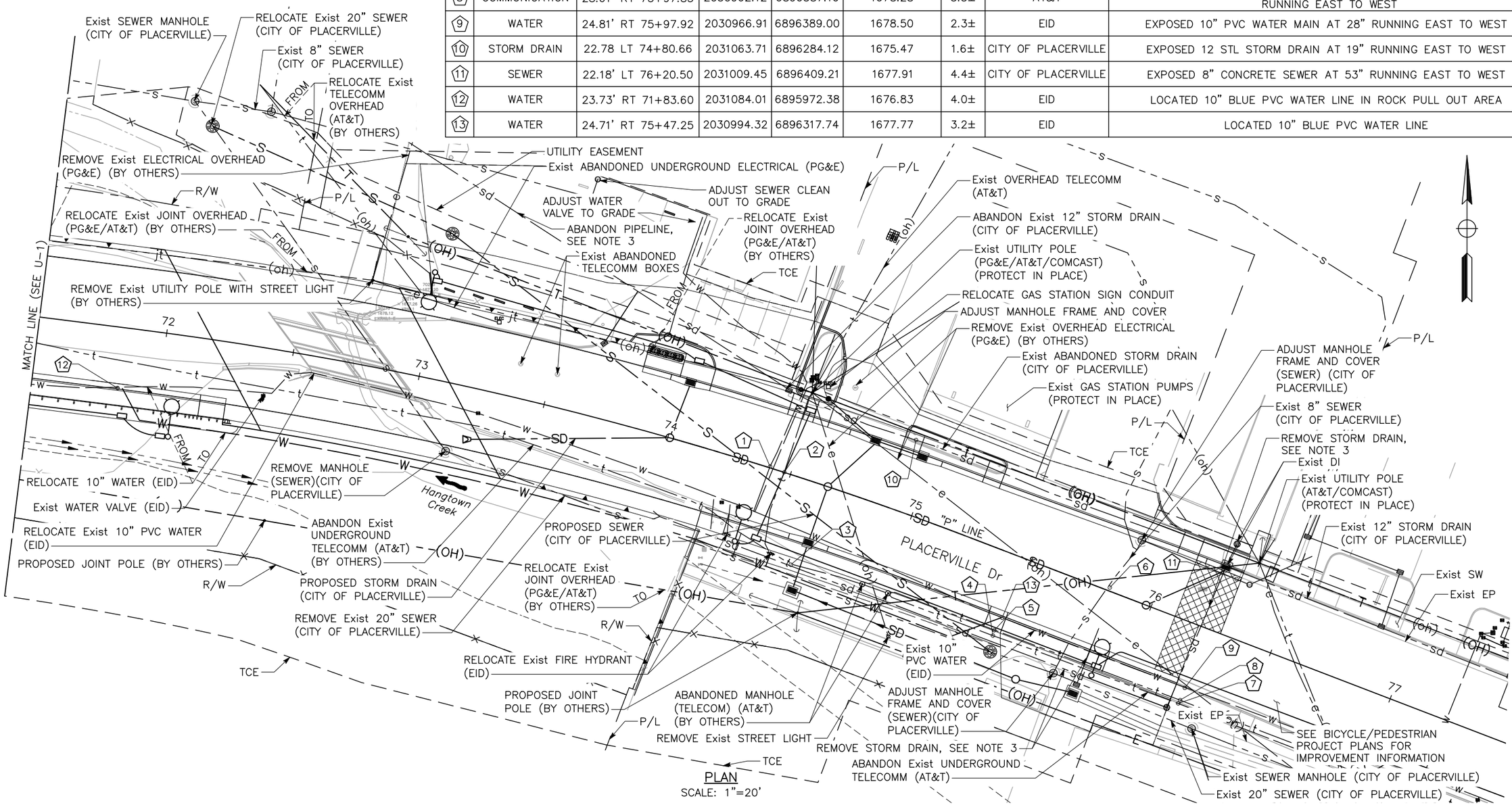
U:\18028 – Placerville Dr, Bicycle–Ped and Br. Repl – Cl Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD–R–U.dwg Jun 15, 2026 – 4:21pm, avalencia

NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. FOR PROPOSED SEWER INFORMATION, SEE SANITARY SEWER PLAN.
3. FOR EXISTING STORM DRAIN REMOVAL AND PROPOSED STORM DRAIN INFORMATION, SEE DRAINAGE PLAN.
4. FOR PROPOSED WATER SEE WATER PLANS.
5. REMOVE PORTIONS OF ABANDONED UTILITIES IN CONFLICT.
6. UTILITY RECONSTRUCTION BY OTHERS TO BE CONDUCTED PRIOR TO CONSTRUCTION.

UTILITY POTHOLE LOCATION DATA TABLE

No.	UTILITY	LOCATION	NORTHING	EASTING	EXISTING GRADE ELEVATION	COVER	OWNER	COMMENT
1	WATER	0.12' RT 74+72.02	2031053.40	6896227.10	1677.10	2.8±	EID	EXPOSED 4" WATER MIAN AT 33" RUNNING NORTH TO SOUTH
2	COMMUNICATION	0.93' LT 74+47.56	2031051.14	6896232.66	1677.14	3.7±	AT&T	EXPOSED (2) 4" CONCRETE COMM PIPES AT 44" RUNNING NORTH TO SOUTH
3	COMMUNICATION	29.71' RT 74+64.99	2031015.01	6896235.21	1676.80	5.4±	AT&T	EXPOSED (2) 4" CONCRETE COMM PIPES AT 65" RUNNING EAST TO WEST
4	COMMUNICATION	34.11' RT 75+36.35	2030987.33	6896314.11	1677.66	5.9±	AT&T	EXPOSED (4) 4" CONCRETE COMM PIPES AT 71" RUNNING EAST TO WEST
5	COMMUNICATION	28.95' RT 75+42.23	2030989.42	6896314.66	1677.70	5.9±	AT&T	EXPOSED (4) 4" CONCRETE COMM PIPES AT 71" RUNNING EAST TO WEST
6	SEWER	0.15' RT 75+81.96	2031006.08	6896359.72	1678.18	5.1±	CITY OF PLACERVILLE	EXPOSED 8" CONCRETE SEWER LINE AT 61" RUNNING SW TO NE
7	COMMUNICATION	32.62' RT 75+97.87	2030960.86	6896386.48	1678.26	5.5±	AT&T	EXPOSED (4) 4" CONCRETE PIPES IN A DUCT RUN AT 66" RUNNING EAST TO WEST
8	COMMUNICATION	28.61' RT 75+97.85	2030962.12	6896387.16	1678.28	5.5±	AT&T	EXPOSED (4) 4" CONCRETE PIPES IN A DUCT RUN AT 66" RUNNING EAST TO WEST
9	WATER	24.81' RT 75+97.92	2030966.91	6896389.00	1678.50	2.3±	EID	EXPOSED 10" PVC WATER MAIN AT 28" RUNNING EAST TO WEST
10	STORM DRAIN	22.78 LT 74+80.66	2031063.71	6896284.12	1675.47	1.6±	CITY OF PLACERVILLE	EXPOSED 12 STL STORM DRAIN AT 19" RUNNING EAST TO WEST
11	SEWER	22.18' LT 76+20.50	2031009.45	6896409.21	1677.91	4.4±	CITY OF PLACERVILLE	EXPOSED 8" CONCRETE SEWER AT 53" RUNNING EAST TO WEST
12	WATER	23.73' RT 71+83.60	2031084.01	6895972.38	1676.83	4.0±	EID	LOCATED 10" BLUE PVC WATER LINE IN ROCK PULL OUT AREA
13	WATER	24.71' RT 75+47.25	2030994.32	6896317.74	1677.77	3.2±	EID	LOCATED 10" BLUE PVC WATER LINE



PLAN
SCALE: 1"=20'

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U-2

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RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CITY OF PLACERVILLE CALIFORNIA
UTILITY PLAN

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: ABOYD

PROJECT NO.
CIP #41410
SHEET NO. C45 OF C62

NO. REVISION DESCRIPTION CHECKED BY DATE

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NOTES:

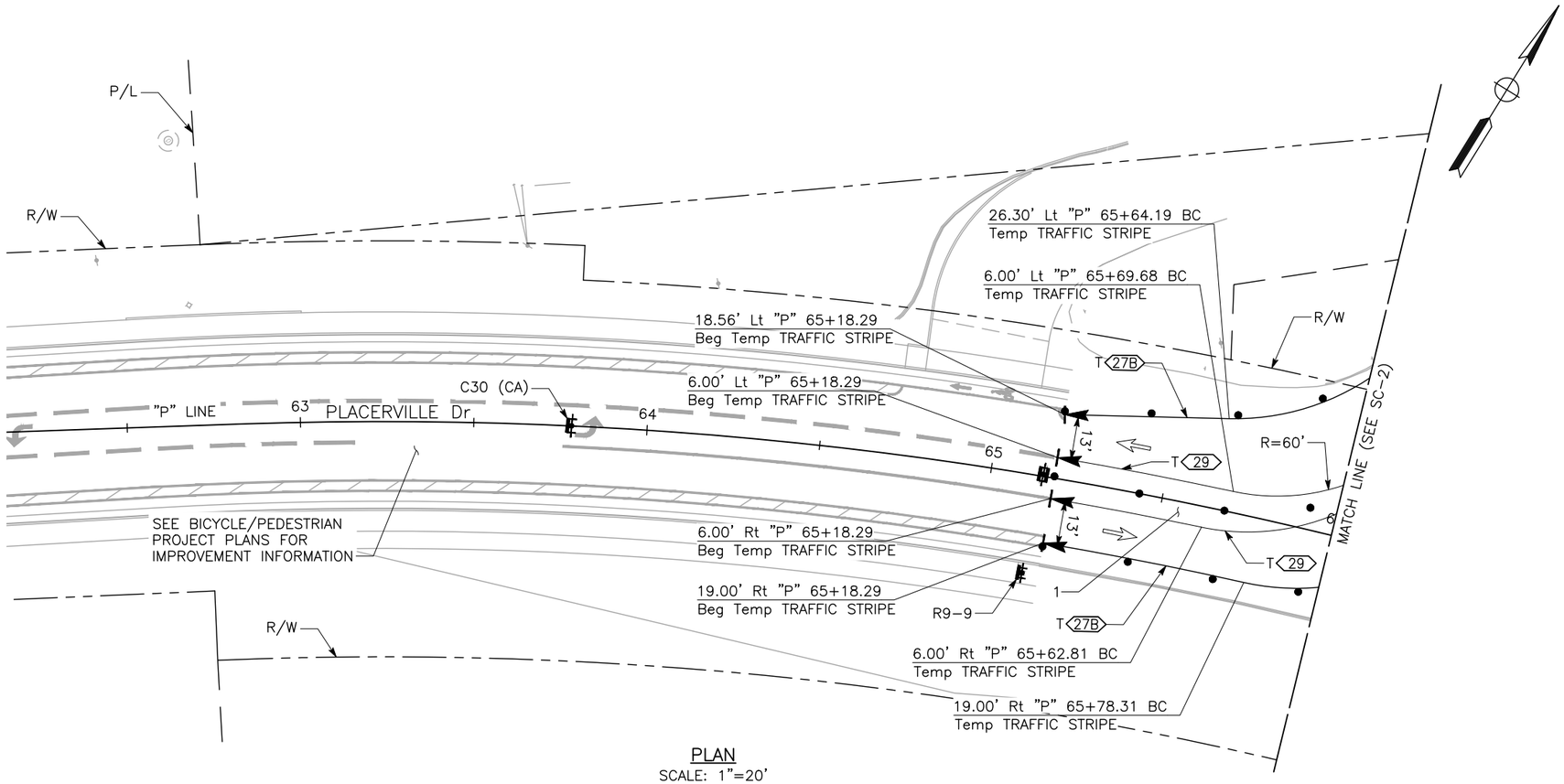
1. FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT THE CITY OFFICE.
2. MAINTAIN 11' MINIMUM TRAVEL LANES.
3. MAINTAIN CLEAR LINE OF SIGHT AT INTERSECTIONS AND DRIVEWAYS.
4. INSTALL TEMPORARY HIGH VISIBILITY FENCE (ESA FENCING) PRIOR TO BEGINNING WORK AND PRIOR TO ANY GROUND DISTURBING ACTIVITIES.
5. ALL TEMPORARY TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE PAINT.
6. SIGN LOCATIONS ARE APPROXIMATE. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
7. CONFLICTING SIGNS TO BE REMOVED OR COVERED DURING CONSTRUCTION AS APPROVED BY THE ENGINEER.
8. SEE SHEET DE-1 FOR DETOUR SIGNS.
9. MAINTAIN BICYCLE AND PEDESTRIAN ACCESS THROUGH DETOUR.
10. REMOVE CONFLICTING EXISTING TRAFFIC STRIPES AND PAVEMENT MARKINGS.

LEGEND:

- TEMPORARY RAILING (TYPE K)
- TYPE II BARRICADE
- TYPE III BARRICADE
- PORTABLE DELINEATOR (25' O.C. UNLESS NOTED OTHERWISE)
- TEMPORARY SIGN - SINGLE POST
- TEMPORARY FENCE (TYPE CL-6)
- DIRECTION OF TRAFFIC
- YIELD TEMPORARY PAVEMENT MARKING (PAINT)

LEGEND

- CUT
- FILL
- R/W
- PROPERTY LINE (P/L)
- TCE
- FENCE
- STRUCTURE WORK
- ROADWAY WORK



PLAN
SCALE: 1"=20'

STAGE 1 CONSTRUCTION NOTES:

1. PLACE TEMPORARY STRIPING AND OTHER TRAFFIC HANDLING MEASURES.
2. CONSTRUCT SEWER.
3. DEMO EXISTING BRIDGE
4. CONSTRUCT ROADWAY IMPROVEMENTS.
5. CONSTRUCT STORM DRAIN.

STAGE 1 TRAFFIC HANDLING NOTES:

1. CLOSE PLACERVILLE DRIVE TO THROUGH TRAFFIC THIS STAGE. SHIFT TRAFFIC TO DETOUR ALONG PIERROZ ROAD AND COLD SPRINGS ROAD.
2. MAINTAIN DRIVEWAY ACCESS DURING CONSTRUCTION.

SC-1

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

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RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN STAGE 1
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: ASMITH

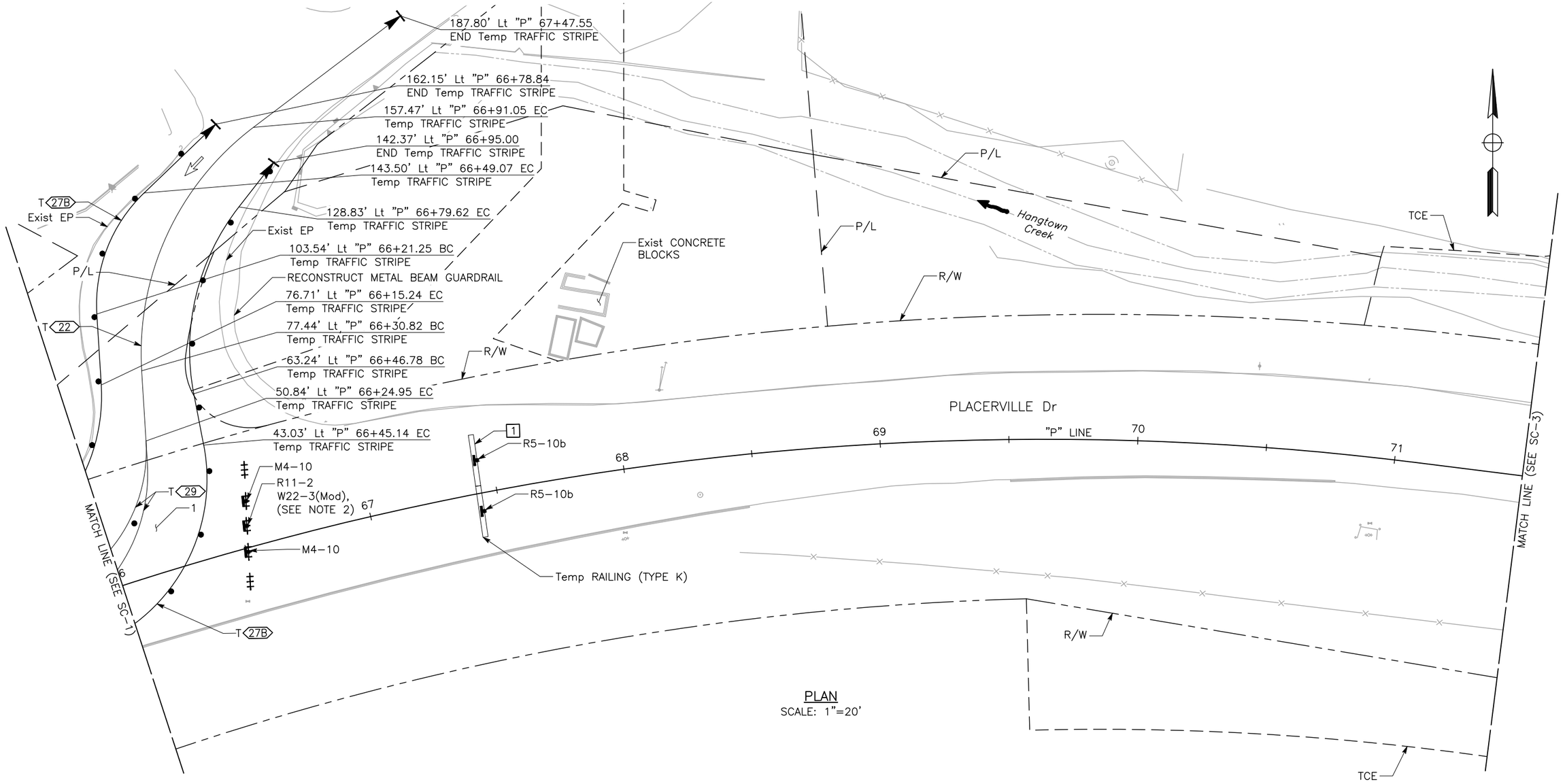
PROJECT NO.
CIP #41410
SHEET NO. C46 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

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NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. SEE SIGN SHEET DETAIL ON SHEET CS–1.



PLAN
SCALE: 1"=20'

SC-2

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

CITY OF PLACERVILLE EL DORADO COUNTY

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11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN STAGE 1
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: ASORIA

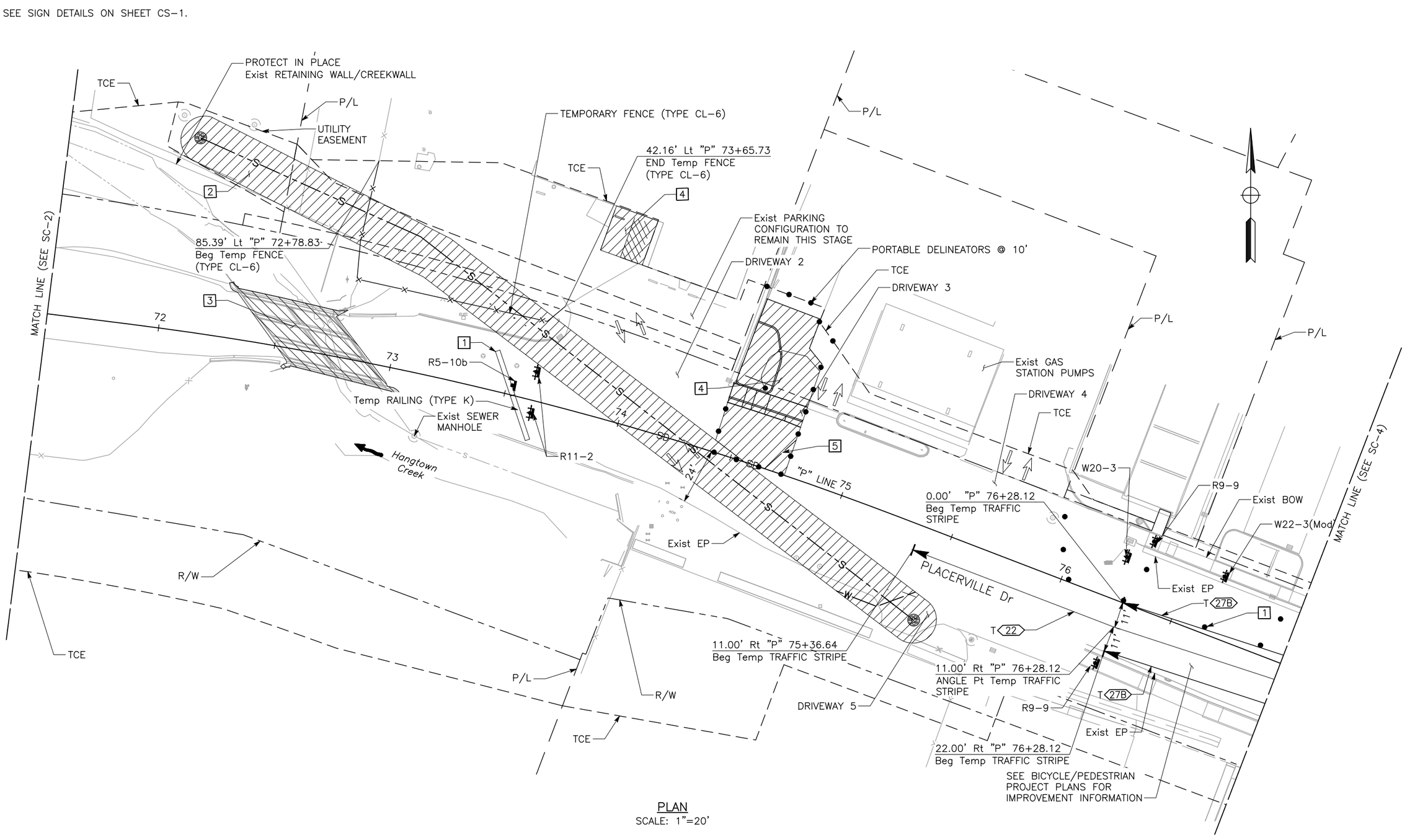
PROJECT NO.
CIP #41410
SHEET NO. C47 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

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NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. PLACERVILLE DRIVE CLOSED DURING STAGE 1.
3. SEWER AND STORM DRAIN TRENCHES TO BE COVERED WITH STEEL PLATES DURING BUSINESS HOURS TO FACILITATE ACCESS.
4. SEE SIGN DETAILS ON SHEET CS–1.



PLAN
SCALE: 1"=20'

SC-3

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

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IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN STAGE 1
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: AMAYER
DESIGNER: AMAYER
REVIEWER: ABOYER

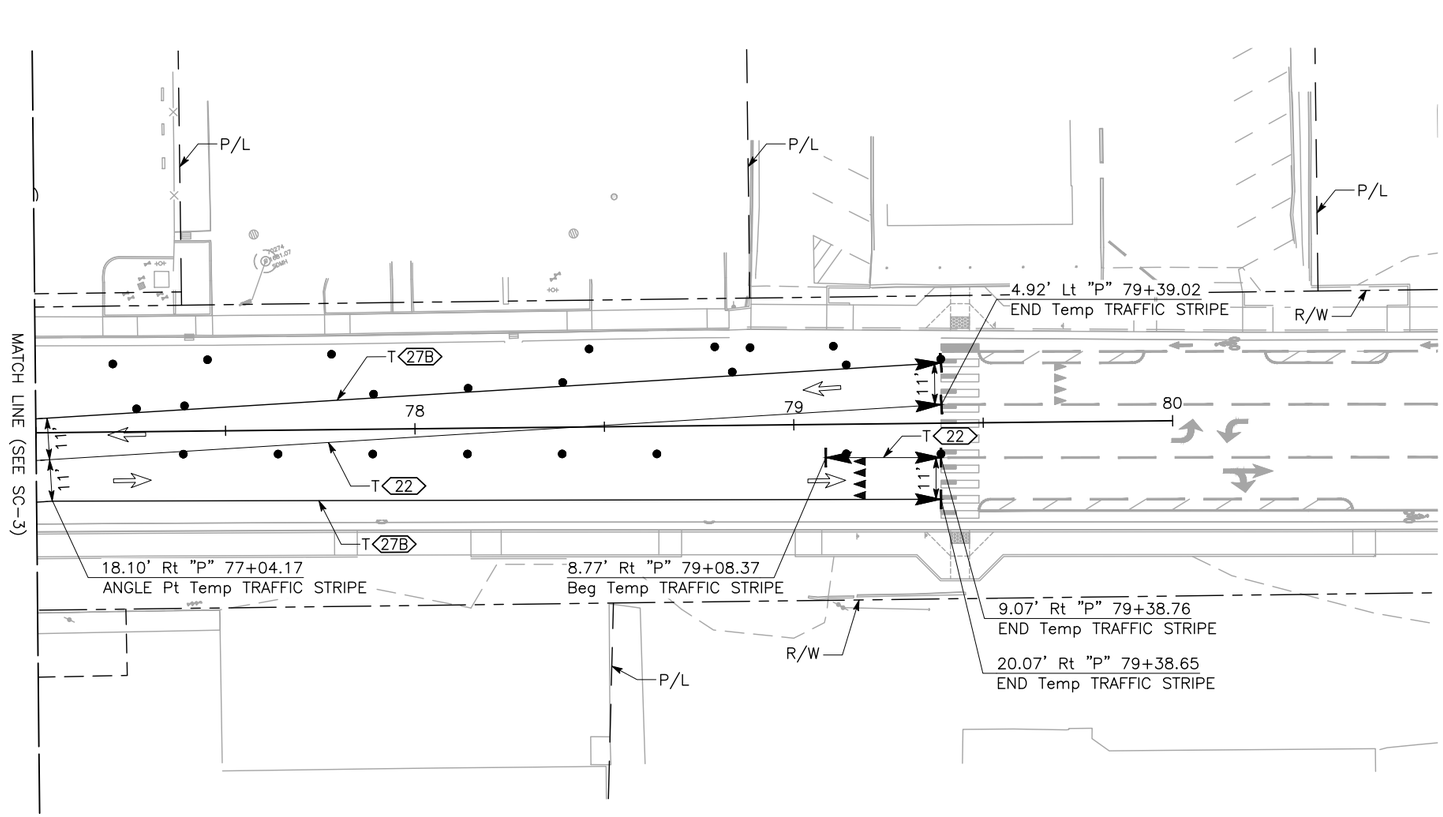
PROJECT NO.
CIP #41410
SHEET NO. C48 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

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NOTE:

FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.



PLAN
SCALE: 1"=20'

SC-4

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
1060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN STAGE 1
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: AM/DS
DESIGNER: AM/DS
REVIEWER: AB/DS

PROJECT NO.
CIP #41410
SHEET NO. C49 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

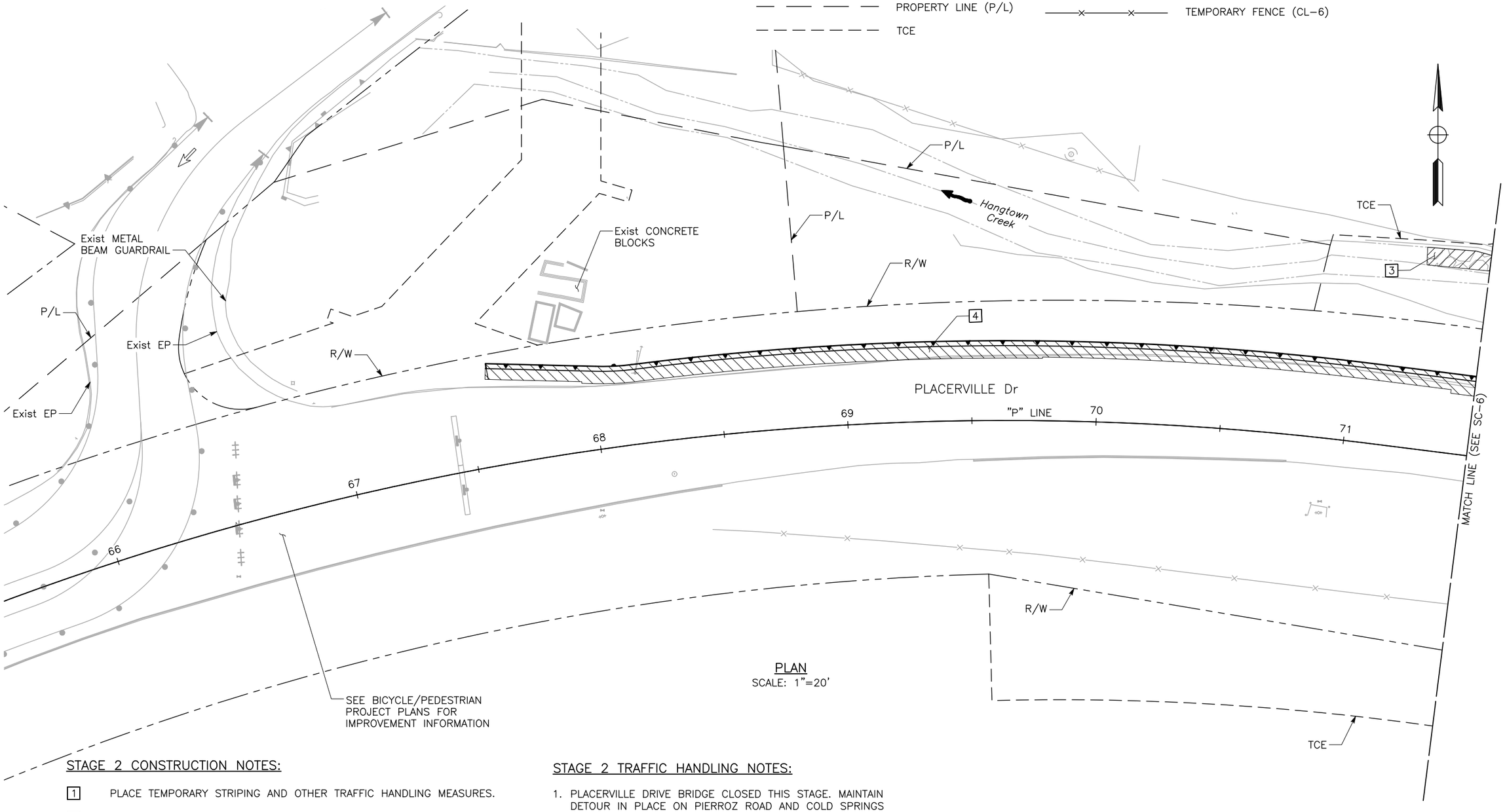
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NOTE:

FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.

LEGEND

- CUT
- FILL
- R/W
- PROPERTY LINE (P/L)
- TCE
- FENCE
- STRUCTURE WORK
- ROADWAY WORK
- TEMPORARY FENCE (CL–6)



PLAN
SCALE: 1"=20'

STAGE 2 CONSTRUCTION NOTES:

1. PLACE TEMPORARY STRIPING AND OTHER TRAFFIC HANDLING MEASURES.
2. CONSTRUCT BRIDGE.
3. CONSTRUCT ROADWAY IMPROVEMENTS AND GRADE CHANNEL.
4. CONSTRUCT RETAINING WALLS.
5. CONSTRUCT STORM DRAIN.

STAGE 2 TRAFFIC HANDLING NOTES:

1. PLACERVILLE DRIVE BRIDGE CLOSED THIS STAGE. MAINTAIN DETOUR IN PLACE ON PIERROZ ROAD AND COLD SPRINGS ROAD.
2. MAINTAIN DRIVEWAY ACCESS DURING CONSTRUCTION.
3. TRAFFIC HANDLING SIGNS, STRIPING, AND OTHER MEASUREMENTS FROM PREVIOUS STAGE SHOWN SCREENED BACK TO REMAIN.

SC-5

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN STAGE 2
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMA/PS
DESIGNER: JMA/PS
REVIEWER: ASD/PS

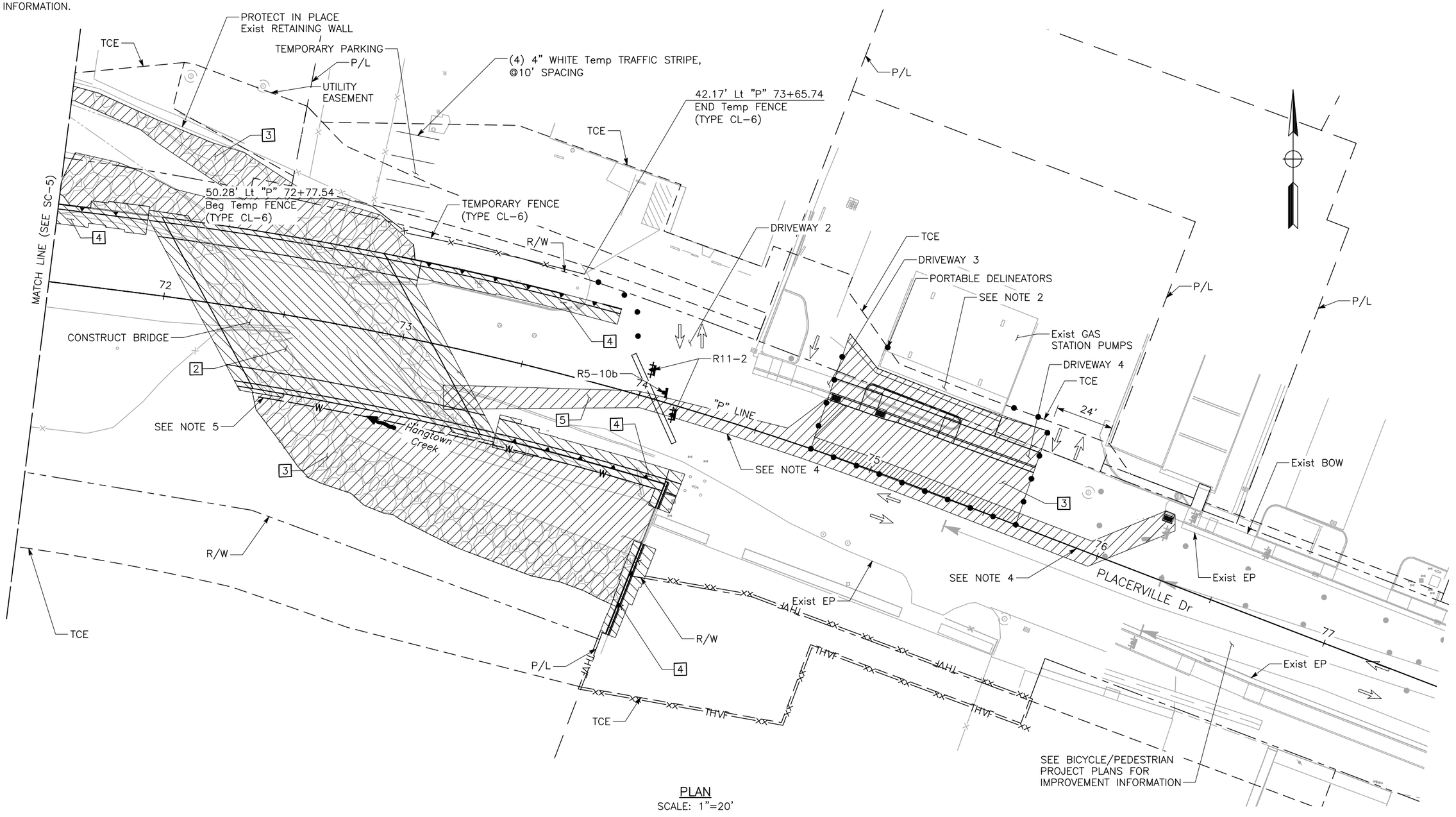
PROJECT NO.
CIP #41410
SHEET NO. C50 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

U:\18028 – Placerville Dr, Bicycle–Ped and Br. Repl. – Ci. Placerville\18028 Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD–R–SC5 TO SC6.dwg, Jun 15, 2026 – 4:24pm, avalencia

NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. TEMPORARY AISLE CLOSURE FOR CONFORM WORK.
3. CONTRACTOR TO MAINTAIN ACCESS DURING BUSINESS HOURS.
4. STORM DRAIN TRENCH TO BE COVERED WITH STEEL PLATES DURING BUSINESS HOURS TO FACILITATE ACCESS.
5. SEE WATER PLANS FOR ADDITIONAL WATER LINE CONSTRUCTION INFORMATION.



PLAN
SCALE: 1"=20'

SC-6

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN STAGE 2
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: ASORIA

PROJECT NO.
CIP #41410
SHEET NO. C51 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

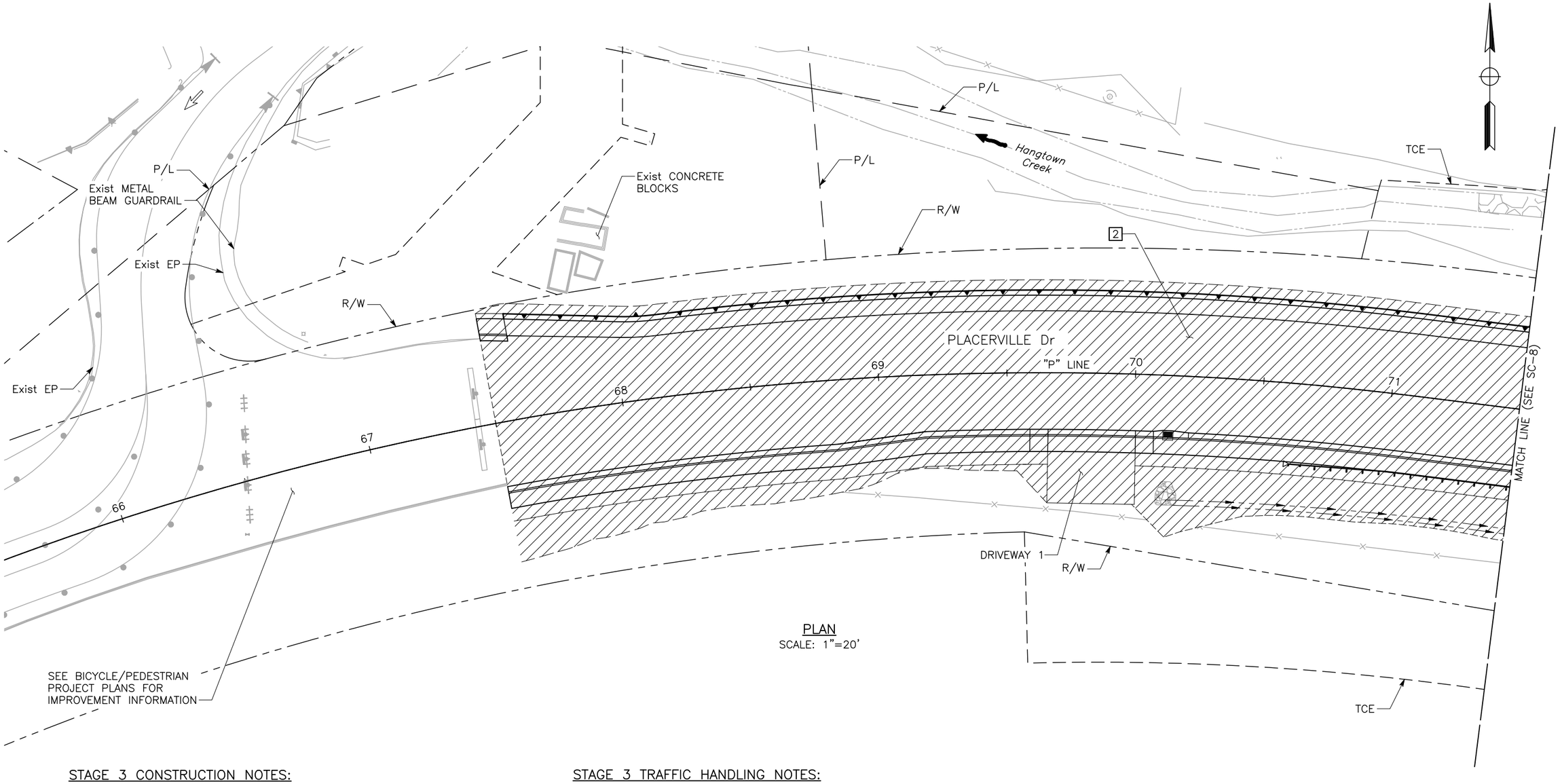
U:\18028 – Placerville Dr, Bicycle–Ped and Br. Repl – Ci Placerville\18028 Bridge Replacement\400 Project Design Files\420 Roadway & Civil Plans\PLD–R–SC5 TO SC6.dwg, Jun 15, 2026 – 4:24pm, avalencia

NOTE:

FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.

LEGEND

- CUT
- FILL
- R/W
- PROPERTY LINE (P/L)
- TCE
- FENCE
- STRUCTURE WORK
- ROADWAY WORK



PLAN
SCALE: 1"=20'

STAGE 3 CONSTRUCTION NOTES:

1. MAINTAIN TEMPORARY STRIPING AND OTHER TRAFFIC HANDLING MEASURES.
2. CONSTRUCT ROADWAY IMPROVEMENTS.
3. CONSTRUCT STORM DRAIN.

STAGE 3 TRAFFIC HANDLING NOTES:

1. PLACERVILLE DRIVE CLOSED THIS STAGE. MAINTAIN DETOUR IN PLACE ON PIERROZ ROAD AND COLD SPRINGS ROAD.
2. MAINTAIN DRIVEWAY ACCESS DURING CONSTRUCTION.
3. TRAFFIC HANDLING SIGNS, STRIPING, AND OTHER MEASUREMENTS FROM PREVIOUS STAGE SHOWN SCREENED BACK TO REMAIN

SC-7

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN STAGE 3
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: AM/PS
DESIGNER: AM/PS
REVIEWER: ASD/PS

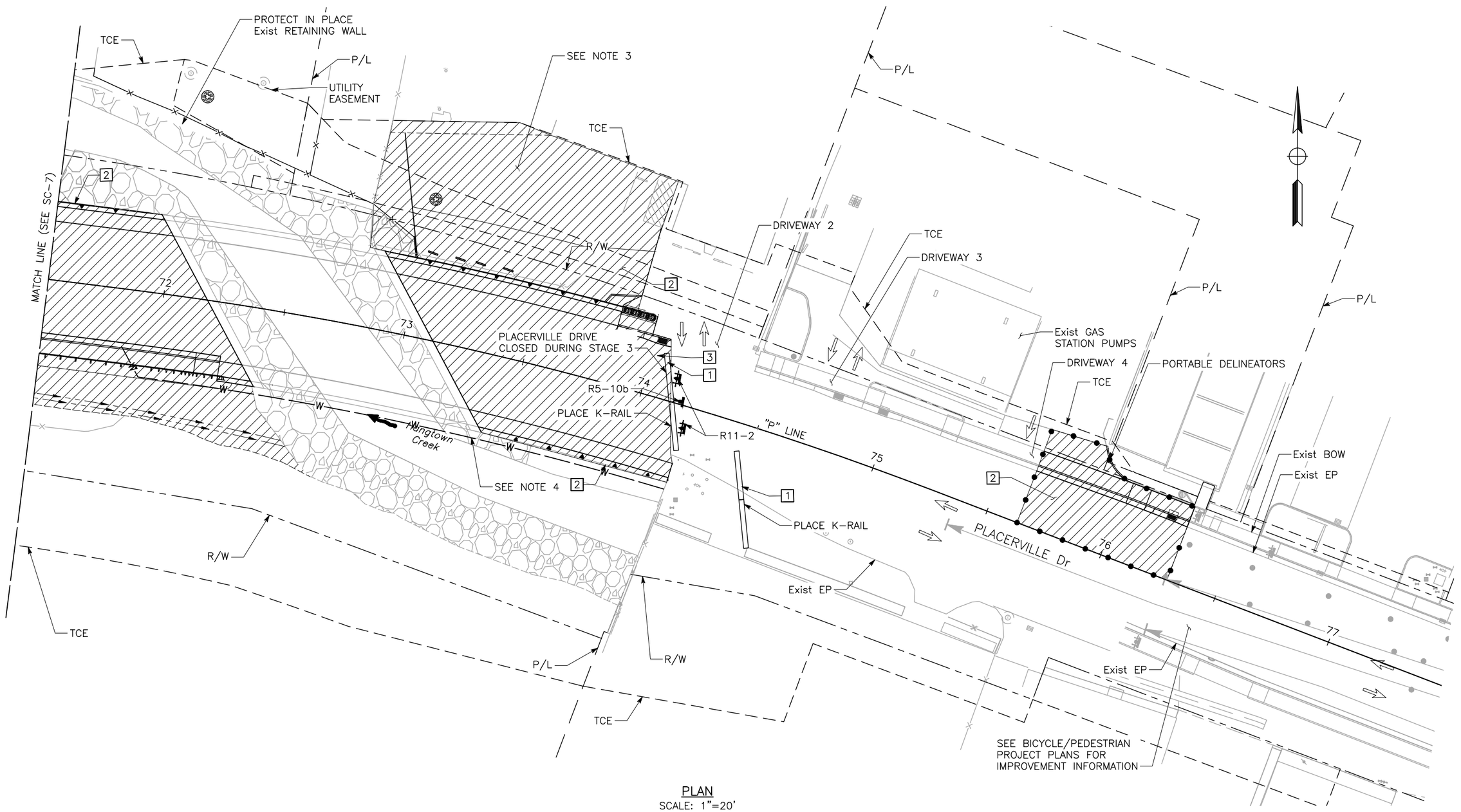
PROJECT NO.
CIP #41410
SHEET NO. C52 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

U:\18028 – Placerville Dr, Bicycle-Ped and Br. Repl – Ci Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD-R-SC7 TO SC8.dwg Jun 15, 2026 – 4:25pm, avalencia

NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. CONTRACTOR TO MAINTAIN DRIVEWAY AND TEMPORARY PARKING ACCESS DURING BUSINESS HOURS.
3. PARKING LOT WORK TO BE DONE DURING NON–BUSINESS HOURS.
4. SEE WATER PLANS FOR ADDITIONAL WATER LINE CONSTRUCTION INFORMATION.



PLAN
SCALE: 1"=20'

SC-8

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN STAGE 3
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: KBOYER

PROJECT NO.
CIP #41410
SHEET NO. C53 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

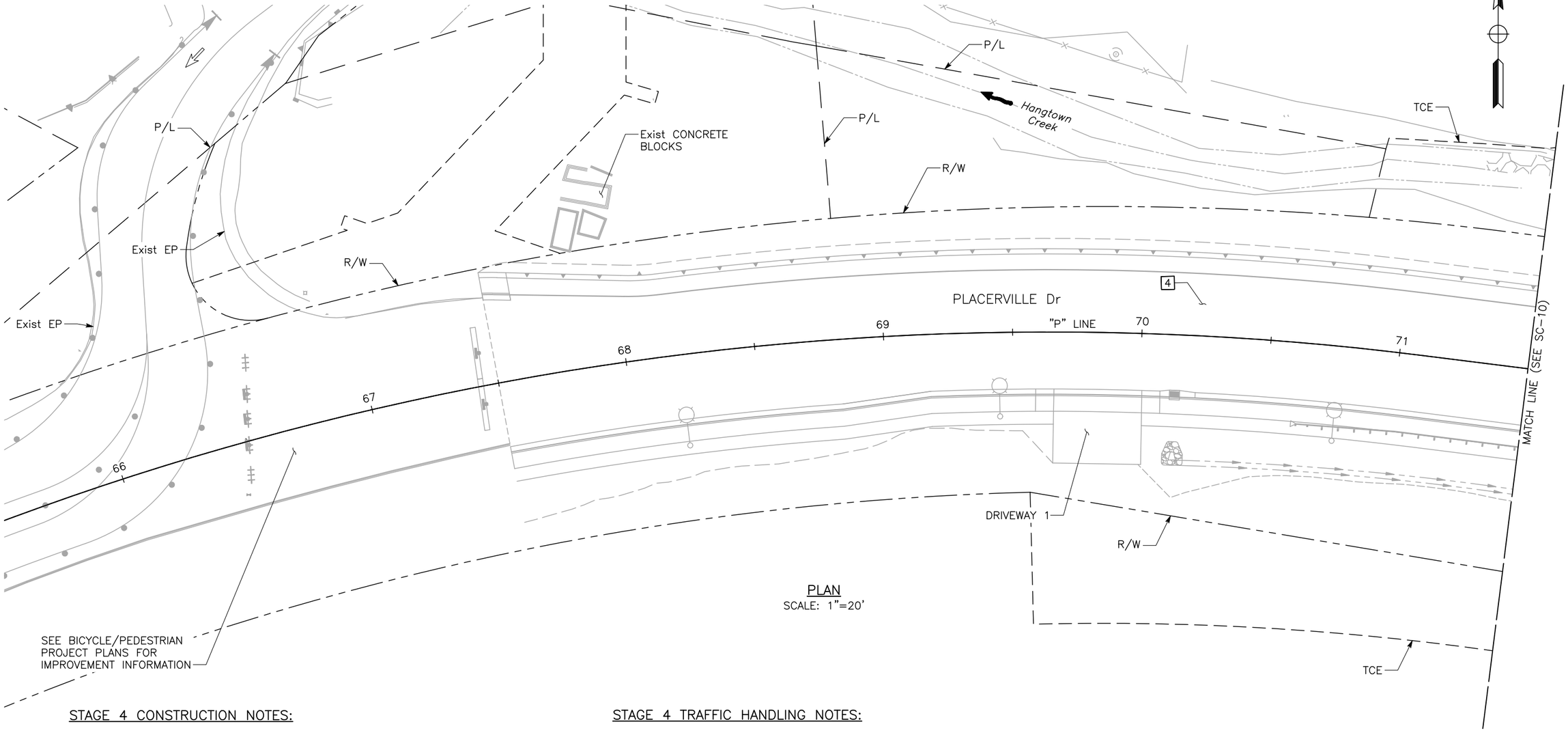
U:\18028 – Placerville Dr, Bicycle–Ped and Br. Repl – Ci Placerville\18028 Bridge Replacement\400 Project Design Files\420 Roadway & Civil Plans\PLD–R–SC7 TO SC8.dwg, Jun 15, 2026 – 4:25pm, avalencia

NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. CONTRACTOR TO MAINTAIN ACCESS DURING BUSINESS HOURS.
3. DRIVEWAY WORK TO BE DONE DURING NON–BUSINESS HOURS.

LEGEND

- CUT
- FILL
- R/W
- PROPERTY LINE (P/L)
- TCE
- FENCE
- STRUCTURE WORK
- ROADWAY WORK



PLAN
SCALE: 1"=20'

STAGE 4 CONSTRUCTION NOTES:

1. PLACE TEMPORARY STRIPING AND OTHER TRAFFIC HANDLING MEASURES.
2. CONSTRUCT ROADWAY IMPROVEMENTS.
3. CONSTRUCT REMAINING STORM DRAIN SEGMENTS.
4. PLACE FINAL HMA LIFT AND PAVEMENT DELINEATION PRIOR TO OPENING ROADWAY.

STAGE 4 TRAFFIC HANDLING NOTES:

1. PLACERVILLE DRIVE CLOSED TO THROUGH TRAFFIC THIS STAGE. MAINTAIN DETOUR IN PLACE ON PIERROZ ROAD AND COLD SPRINGS ROAD.
2. MAINTAIN DRIVEWAY ACCESS DURING CONSTRUCTION.
3. TRAFFIC HANDLING SIGNS, STRIPING, AND OTHER MEASUREMENTS FROM PREVIOUS STAGE SHOWN SCREENED BACK TO REMAIN.

SC-9

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN STAGE 4
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: MAYES
DESIGNER: MAYES
REVIEWER: ASBOTES

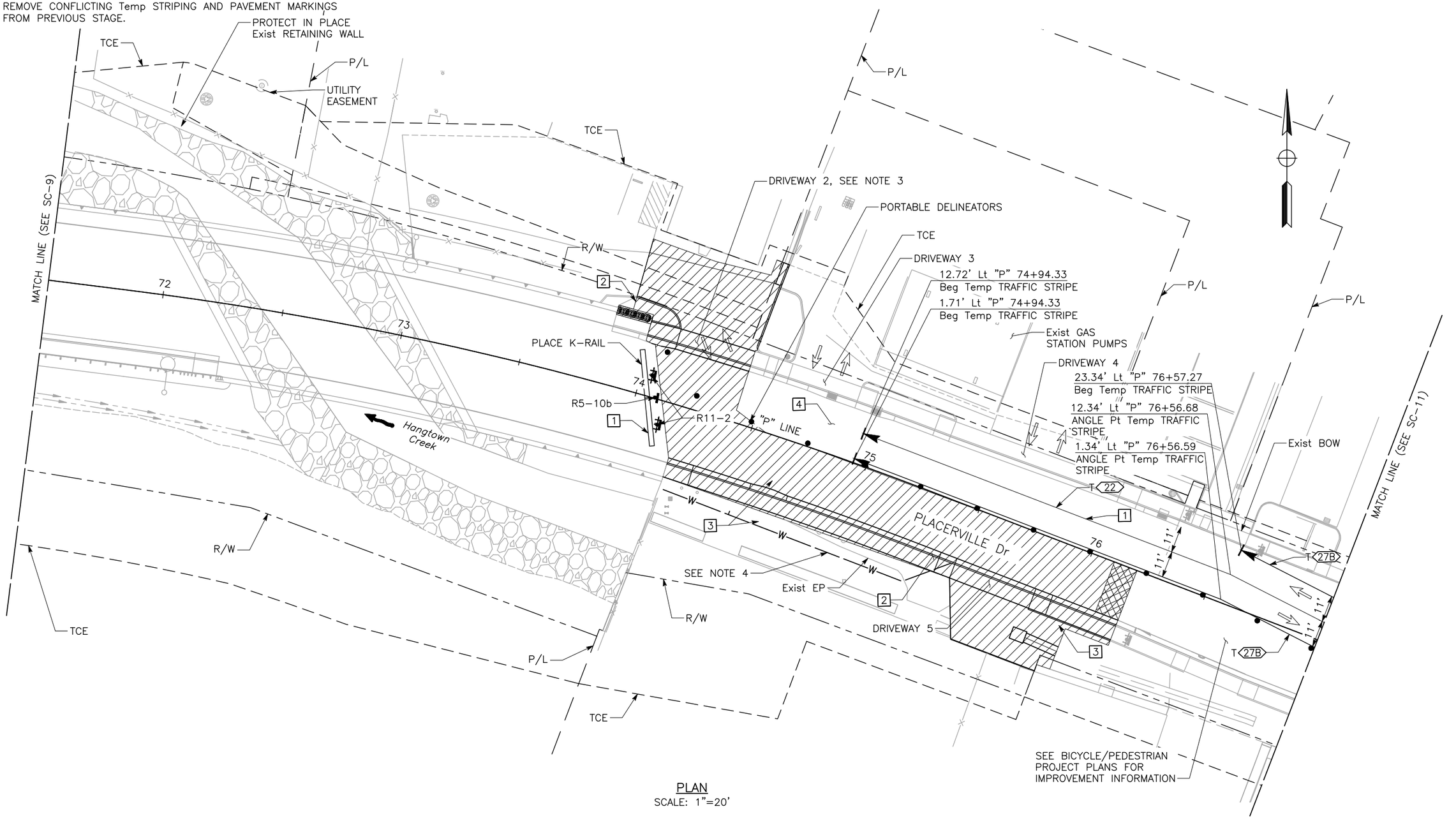
PROJECT NO.
CIP #41410
SHEET NO. C54 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

U:\18028 – Placerville Dr, Bicycle–Ped and Br. Repl – Ci Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD–R–SC9 TO SC11.dwg Jun 15, 2026 – 4:26pm, arcilencio

NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. CONTRACTOR TO MAINTAIN DRIVEWAY ACCESS DURING BUSINESS HOURS.
3. DRIVEWAY WORK TO BE DONE DURING NON BUSINESS HOURS.
4. SEE WATER PLANS FOR ADDITIONAL WATER LINE CONSTRUCTION INFORMATION.
5. REMOVE CONFLICTING Temp STRIPING AND PAVEMENT MARKINGS FROM PREVIOUS STAGE.



PLAN
SCALE: 1"=20'

SC-10

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

CITY OF PLACERVILLE CALIFORNIA

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN STAGE 4
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMA/PS
DESIGNER: JMA/PS
REVIEWER: ASD/PS

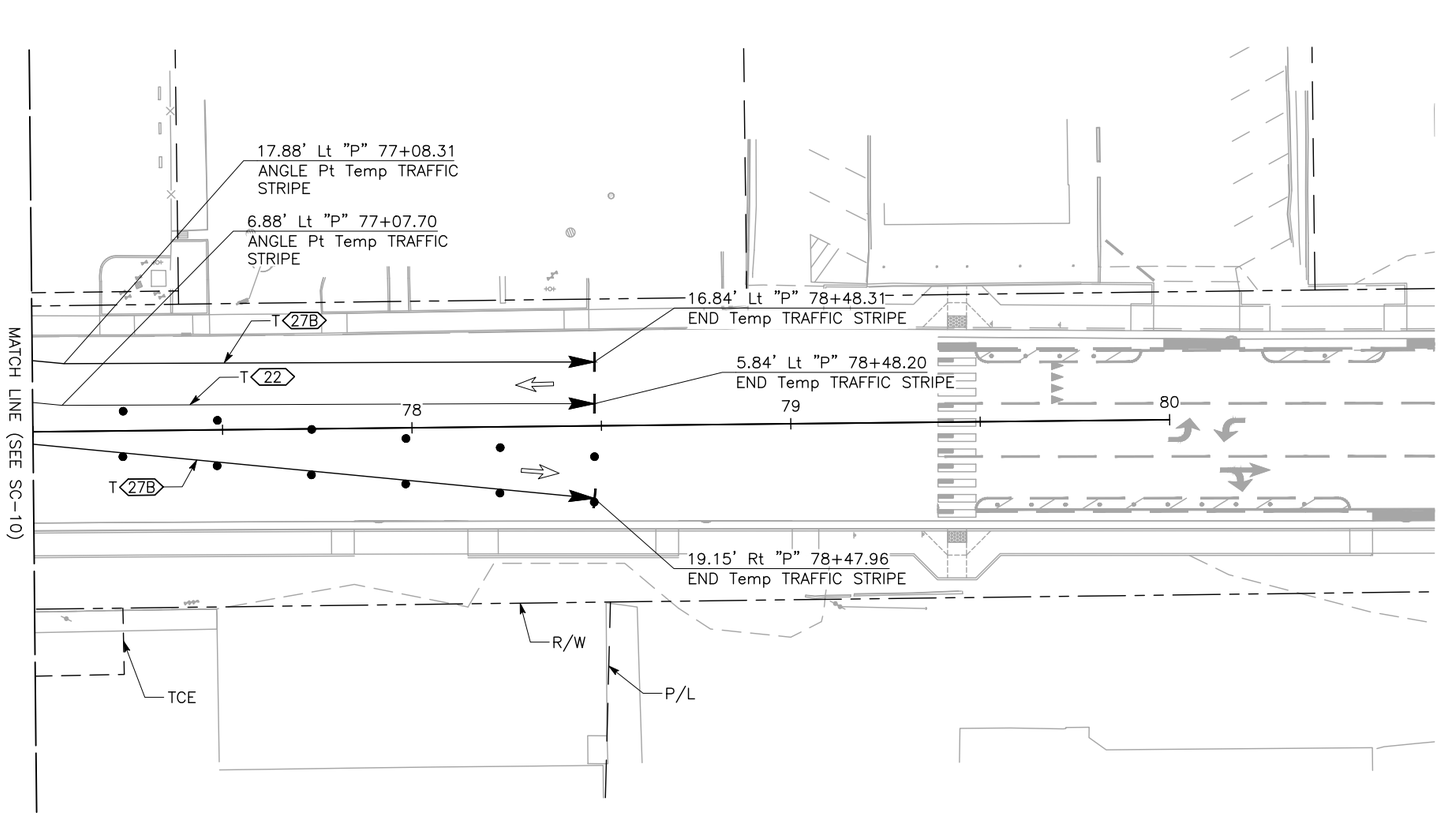
PROJECT NO.
CIP #41410
SHEET NO. C55 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

U:\18028 – Placerville Dr. Bicycle–Ped and Br. Repl. – Ci. Placerville\18028 Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD–R–SC9_TO_SC11.dwg Jun 15, 2026 – 4:26pm, cvalencia

NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. CONTRACTOR TO MAINTAIN DRIVEWAY ACCESS DURING BUSINESS HOURS.



PLAN
SCALE: 1"=20'

SC-11

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
1060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN STAGE 4
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMM/RS
DESIGNER: JMM/RS
REVIEWER: AB/DTB

PROJECT NO.
CIP #41410
SHEET NO. C56 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

U:\18028 – Placerville Dr. Bicycle–Ped. and Br. Repl. – Ci. Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD–R–SC9 TO SC11.dwg Jun 15, 2026 – 4:26pm, arellencia

NOTES:

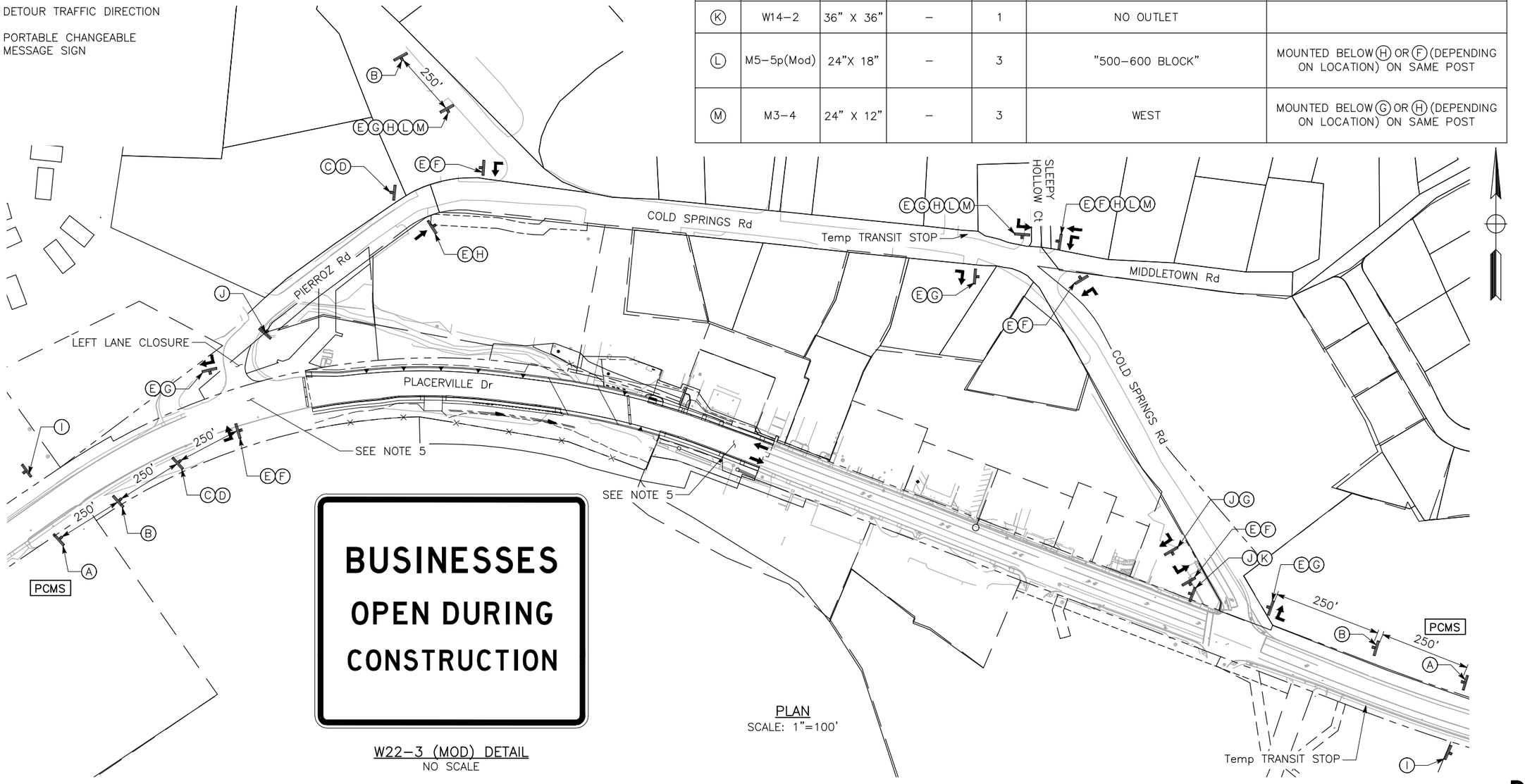
1. EXACT DETOUR SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER. LOCATION OF SIGNS SHOWN IS APPROXIMATE.
2. ALL DETOUR SIGNS AND TRAFFIC CONTROL DEVICES SHALL BE IN ACCORDANCE WITH THE MOST RECENT CALIFORNIA MUTCD AND CALTRANS STANDARD PLANS.
3. ALL DETOUR SIGNS SHALL BE EQUIPPED WITH TYPE B HIGH–INTENSITY FLASHING WARNING LIGHTS.
4. WORK HOURS RELATED TO LANE CLOSURES IN ALL STAGES SHALL BE FROM 9:00 AM TO 3:30 PM UNLESS OTHERWISE APPROVED BY THE ENGINEER.
5. SEE STAGING PLANS FOR TRAFFIC HANDLING AND ADDITIONAL SIGNS.

LEGEND:

- (X) SIGN LETTER
- CONSTRUCTION AREA SIGN
- DETOUR TRAFFIC DIRECTION
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN LETTER	SIGN CODE	PANEL SIZE	No. OF POSTS AND SIZE	No. OF SIGNS	SIGN MESSAGE	REMARKS
(A)	W20–3	36" x 36"	1 – 4" x 4"	2	ROAD CLOSED AHEAD	
(B)	W20–2	36" x 36"	1 – 4" x 4"	3	DETOUR AHEAD	
(C)	W1–3	30" x 30"	1 – 4" x 4"	2		
(D)	W13–1P	18" x 18"	–	2	"10 MPH"	MOUNTED BELOW (C) ON SAME POST
(E)	D3–1	36" x 12"	1 – 4" x 4"	11	"PLACERVILLE DRIVE"	
(F)	M4–9 (L)	30" x 24"	–	5	DETOUR (LEFT ARROW)	MOUNTED BELOW (E) ON SAME POST
(G)	M4–9 (R)	30" x 24"	–	6	DETOUR (RIGHT ARROW)	MOUNTED BELOW (C) ON SAME POST
(H)	M4–9 (T)	30" x 24"	–	4	DETOUR (THROUGH ARROW)	MOUNTED BELOW (E) ON SAME POST
(I)	M4–8a	24" x 18"	1 – 4" x 4"	2	END DETOUR	
(J)	W22–3(Mod)	42" X 36"	2 – 4" x 4"	3	"BUSINESSES OPEN DURING CONSTRUCTION"	
(K)	W14–2	36" X 36"	–	1	NO OUTLET	
(L)	M5–5p(Mod)	24"X 18"	–	3	"500–600 BLOCK"	MOUNTED BELOW (H) OR (F) (DEPENDING ON LOCATION) ON SAME POST
(M)	M3–4	24" X 12"	–	3	WEST	MOUNTED BELOW (G) OR (H) (DEPENDING ON LOCATION) ON SAME POST



BUSINESSES OPEN DURING CONSTRUCTION

W22–3 (MOD) DETAIL
NO SCALE

PLAN
SCALE: 1"=100'

APPROVED FOR DETOUR WORK ONLY

DE-1

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
DETOUR PLAN
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: ABOYES

PROJECT NO.
CIP #41410
SHEET NO. C57 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

U:\18028 – Placerville Dr, Bicycle–Ped and Br. Repl – Ci Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD–R–DE.dwg Jun 17, 2026 – 8:45am, aboyes

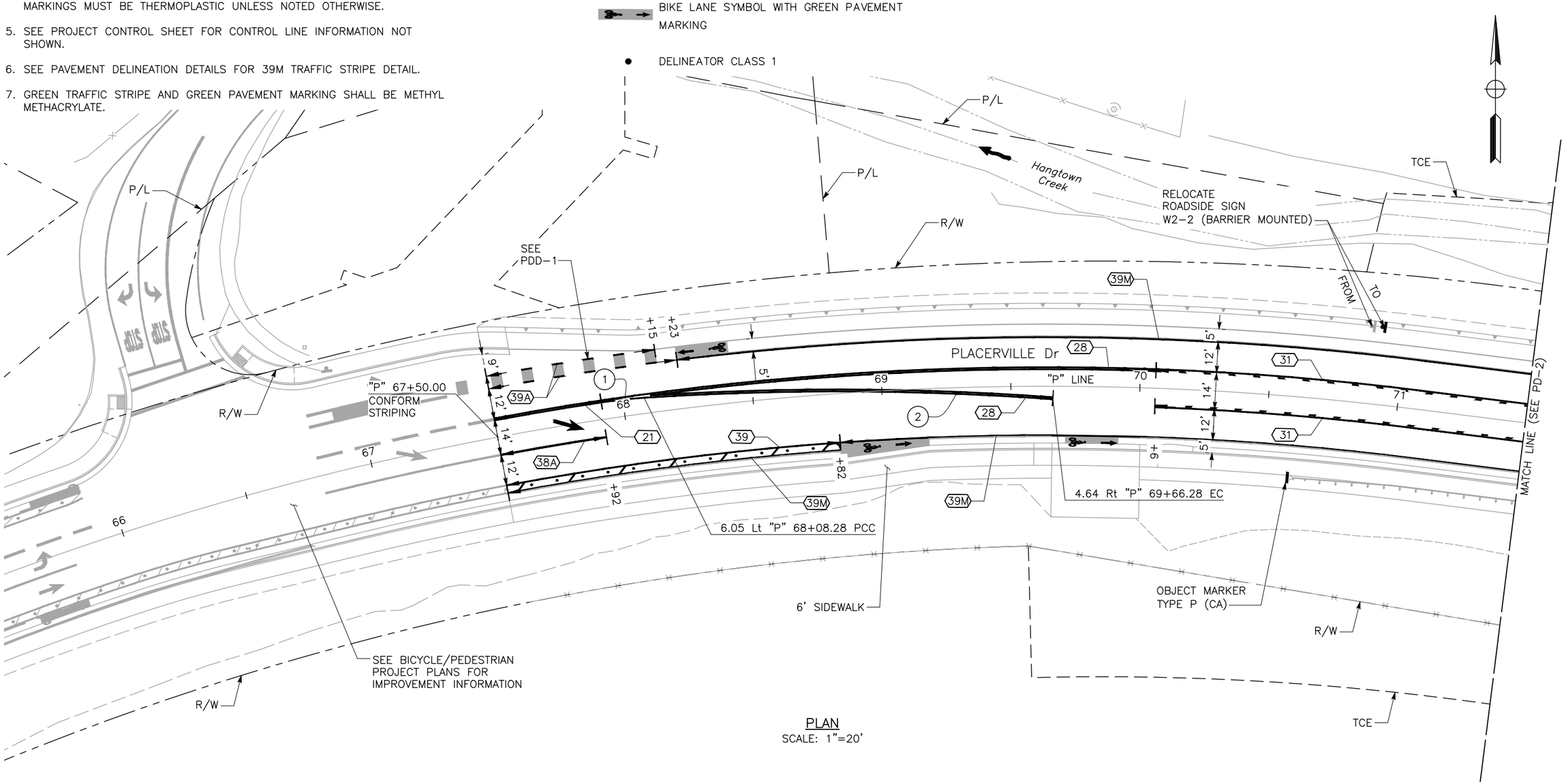
NOTES:

1. FOR ACCURATE RIGHT-OF-WAY DATA, CONTACT THE CITY OFFICE.
2. SIGNING AND STRIPING SHALL CONFORM TO THE LATEST EDITION OF THE 2014 CALIFORNIA MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD) UNLESS OTHERWISE NOTED.
3. ALL SIGN CODES SHOWN ARE FEDERAL SIGN CODES UNLESS OTHERWISE NOTED WITH THE CALIFORNIA SIGN CODE DESIGNATION (CA).
4. ALL WHITE AND YELLOW STRIPING MUST BE THERMOPLASTIC. PAVEMENT MARKINGS MUST BE THERMOPLASTIC UNLESS NOTED OTHERWISE.
5. SEE PROJECT CONTROL SHEET FOR CONTROL LINE INFORMATION NOT SHOWN.
6. SEE PAVEMENT DELINEATION DETAILS FOR 39M TRAFFIC STRIPE DETAIL.
7. GREEN TRAFFIC STRIPE AND GREEN PAVEMENT MARKING SHALL BE METHYL METHACRYLATE.

LEGEND:

- XX — STRIPING DETAIL NUMBER
- BEGIN OR END OF STRIPING DETAIL
- EXISTING ROADSIDE SIGN
- ROADSIDE SIGN – ONE POST
- BIKE LANE SYMBOL WITH GREEN PAVEMENT MARKING
- DELINEATOR CLASS 1
- CHANGE OF TRAFFIC STRIPE DETAIL
- TYPE VI ARROW
- OBJECT MARKER TYPE P (CA)

CURVE DATA				
No.	R	Δ	T	L
1	200'	4°47'32"	8.37'	16.73'
2	1152'	7°52'58"	79.37'	158.48'



PLAN
SCALE: 1"=20'

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

PD-1

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
PAVEMENT DELINEATION AND SIGN PLAN
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: 4/8/2026

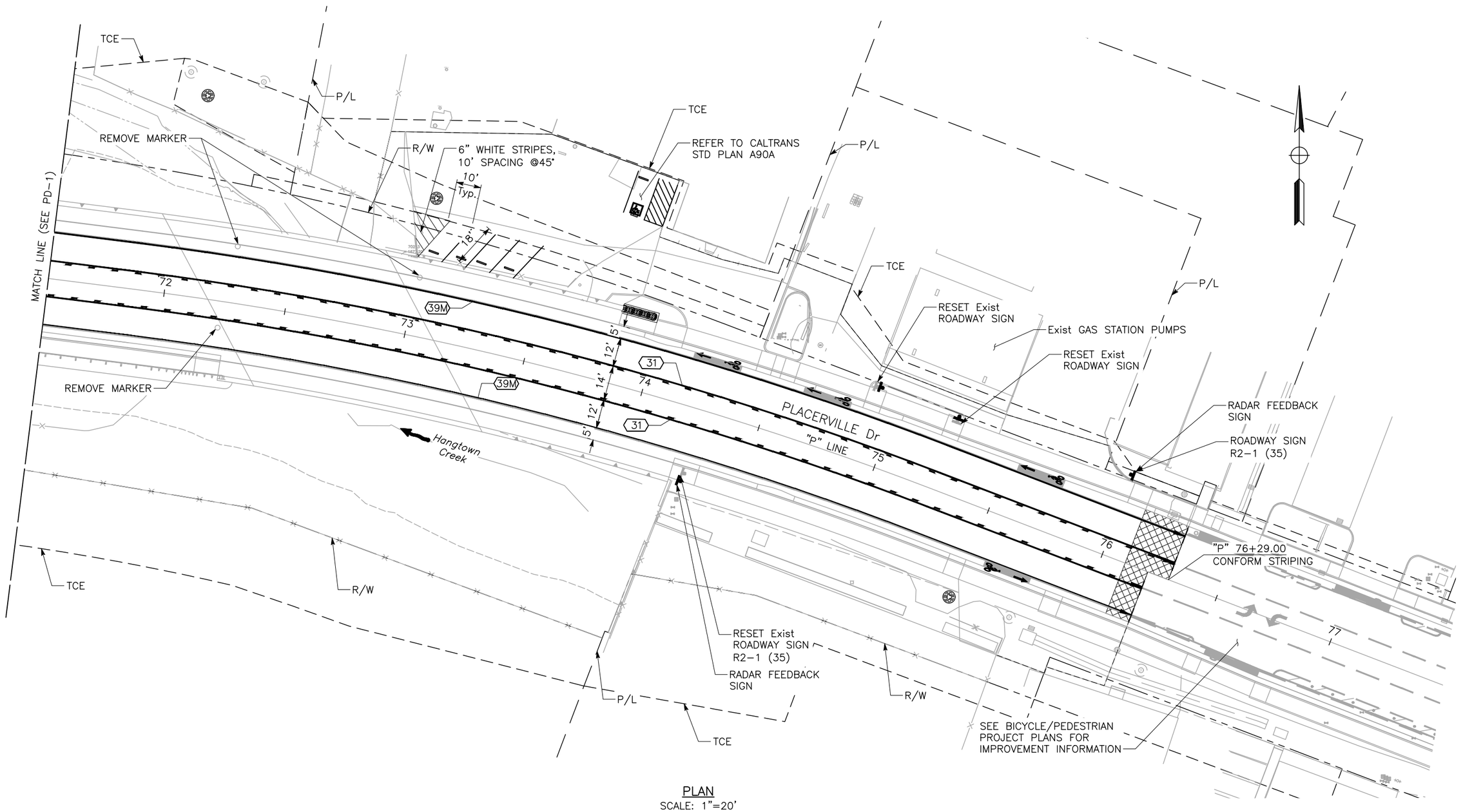
PROJECT NO.
CIP #41410
SHEET NO. C58 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

U:\18028 – Placerville Dr, Bicycle-Ped, and Br. Repl – Cl Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD-R-PD.dwg Jun 15, 2026 - 4:27pm, avalencia

NOTES:

FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.



PLAN
SCALE: 1"=20'

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

PD-2

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

CITY OF PLACERVILLE CALIFORNIA

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

PAVEMENT DELINEATION AND SIGN PLAN
CITY OF PLACERVILLE **CALIFORNIA**

DRAWING INFO
DATE: 11/14/2025
DRAFTER: AMAYES
DESIGNER: AMAYES
REVIEWER: ABOYES

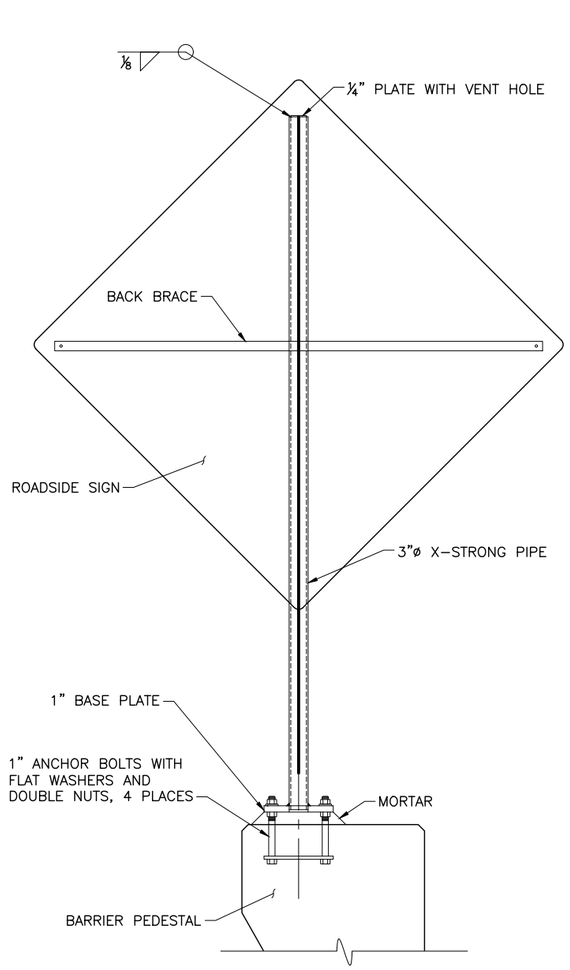
PROJECT NO.
CIP #41410
SHEET NO. C59 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

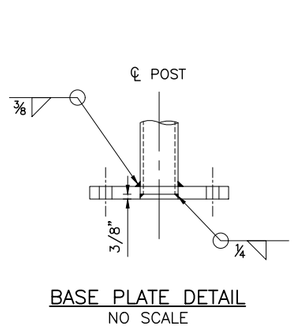
U:\18028 – Placerville Dr, Bicycle–Ped and Br. Repl – Ci Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD–R–PD.dwg Jun 15, 2026 – 4:27pm, avalencia

NOTES:

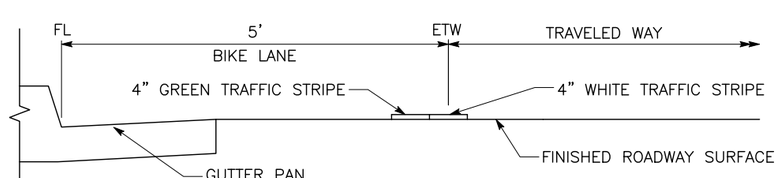
1. FOR BARRIER PEDESTAL DETAILS, SEE CALTRANS REVISED STANDARD PLAN B11–86.
2. FOR ADDITIONAL BASE PLATE DIMENSIONS NOT SHOWN, SEE CALTRANS STANDARD PLAN ES–6A.
3. FOR ANCHORAGE AND GROUTING INFORMATION, SEE CALTRANS STANDARD PLAN ES–6B.
4. FOR SIGN MOUNTING DETAILS AND INFORMATION, SEE CALTRANS STANDARD PLAN RS4.



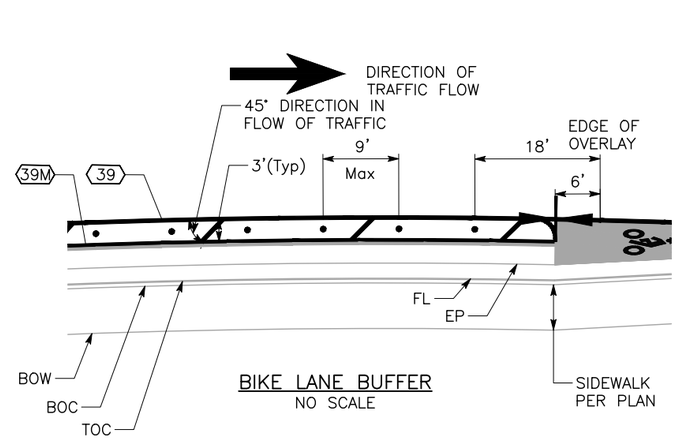
BARRIER MOUNTED SIGN DETAIL
NO SCALE



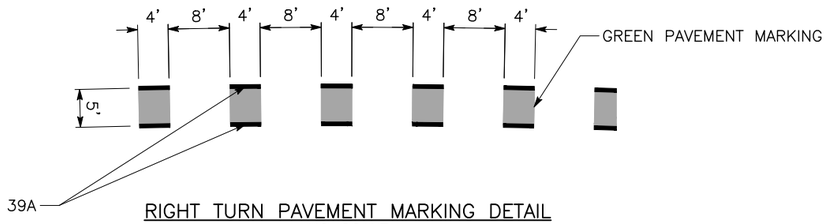
BASE PLATE DETAIL
NO SCALE



39M TRAFFIC STRIPE DETAIL
NO SCALE



BIKE LANE BUFFER
NO SCALE



RIGHT TURN PAVEMENT MARKING DETAIL
NO SCALE

PDD-1

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
1060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
PAVEMENT DELINEATION AND SIGN DETAILS
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JM/VB
DESIGNER: JM/VB
REVIEWER: AB/VB

PROJECT NO.
CIP #41410
SHEET NO. C60 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

\\corr-fs\RanchoCordova\Projects\18028 – Placerville Dr. Bicycle–Ped and Br. Repl – CI Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD–R–PD.dwg Jun 15, 2026 – 4:27pm, avalencia

NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. FIBER ROLLS NOT TO CONTAIN ANY PLASTICS.
3. FOR HYDROSEED SEED MIX INFORMATION, SEE PLANTING PLAN.

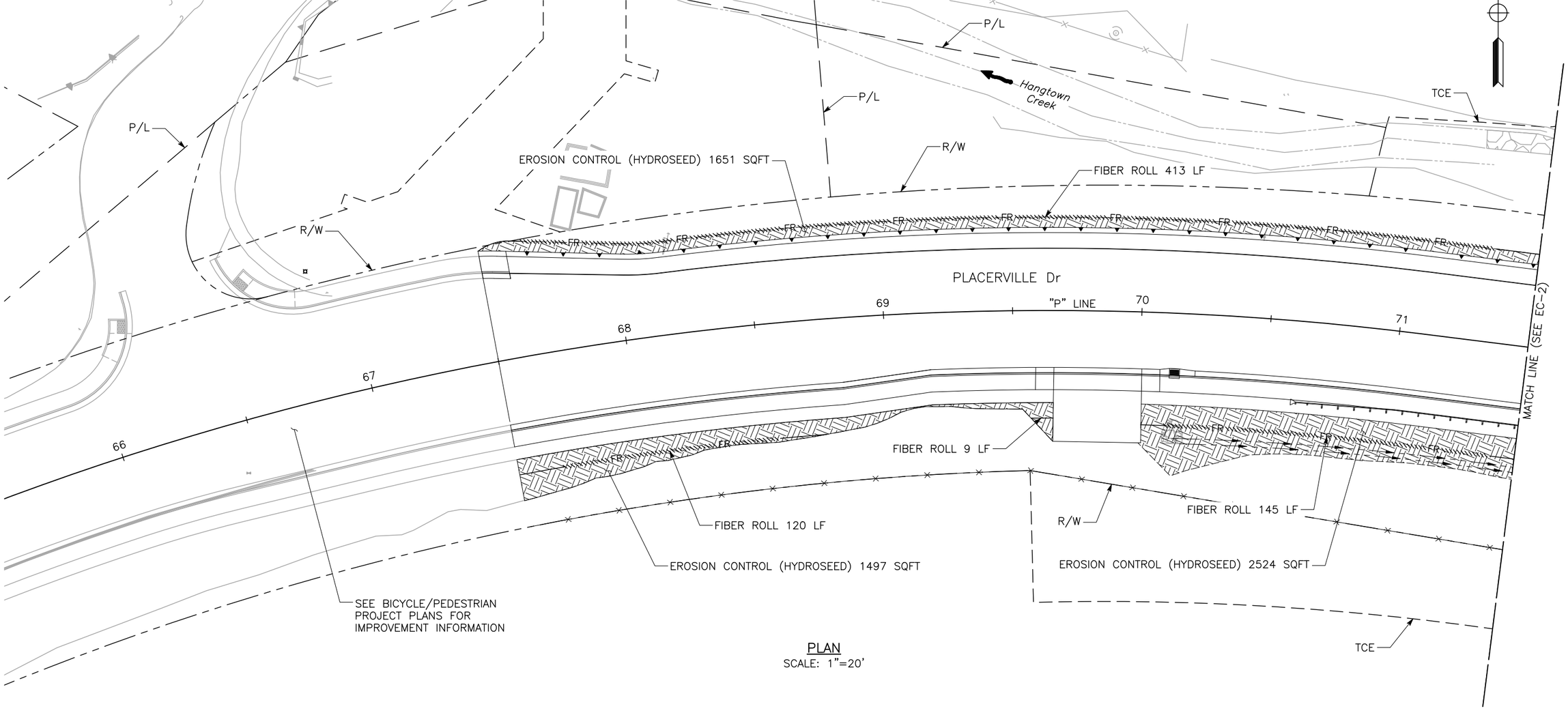
LEGEND:

FR — FIBER ROLL

EROSION CONTROL (HYDROSEED) (SEE NOTE 3)

ROCK SLOPE PROTECTION (RSP)

EROSION CONTROL QUANTITIES		
SHEET	HYDROSEED	FIBER ROLL
UNIT	SQFT	SQFT
EC–1	5,672	687
EC–2	1,926	222
TOTAL	7,598	909



PLAN
SCALE: 1"=20'

APPROVED FOR EROSION CONTROL WORK ONLY

EC-1

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
1060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
EROSION CONTROL PLAN
CITY OF PLACERVILLE **CALIFORNIA**

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JM/VB
DESIGNER: JM/VB
REVIEWER: A.BOYES

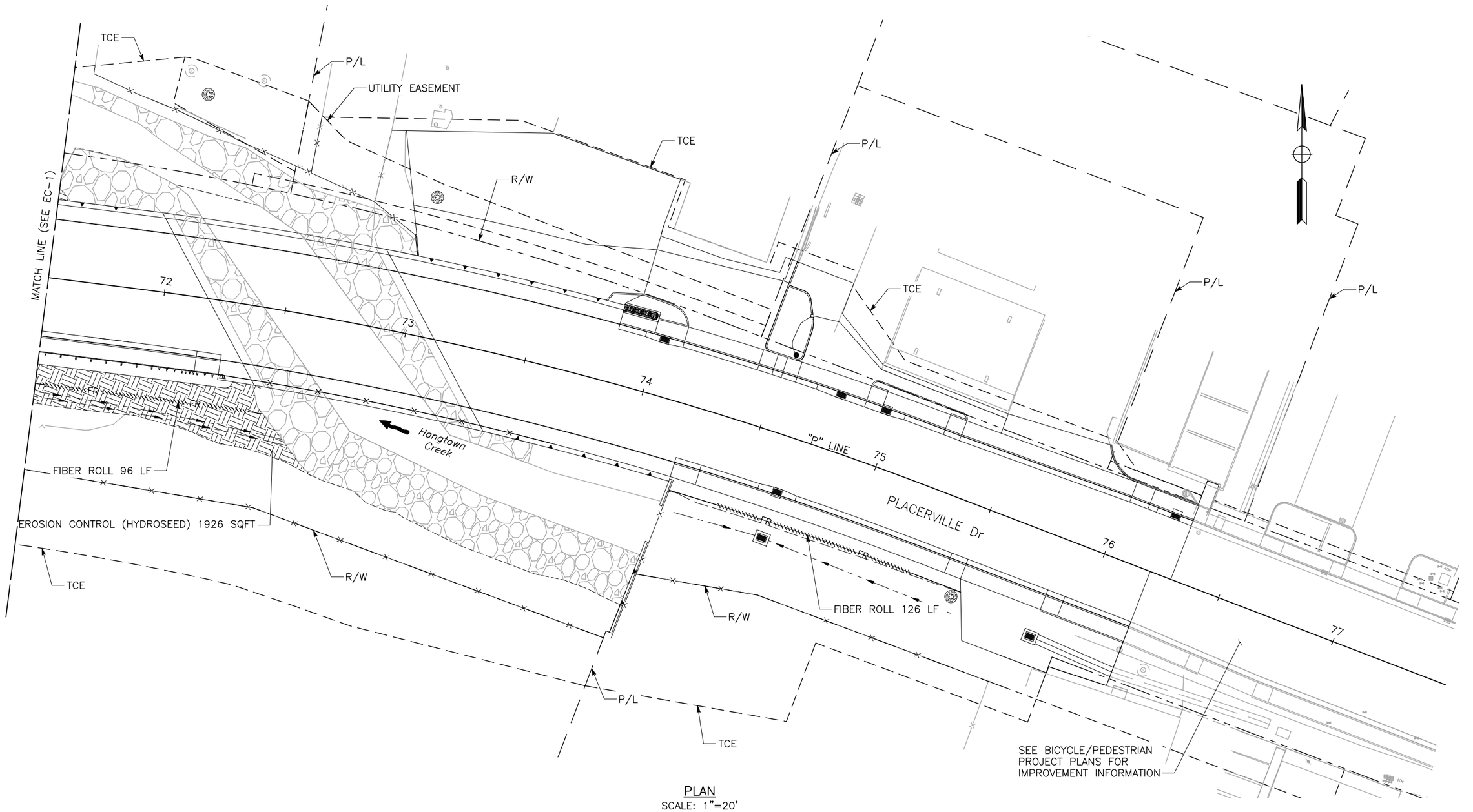
PROJECT NO.
CIP #41410
SHEET NO. **C61** OF **C62**

100% SUBMITTAL, NOT FOR CONSTRUCTION

u:\18028 – Placerville Dr. Bicycle–Ped and Br. Repl – Cl. Placerville\18028B Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD–R–EC.dwg Jun 15, 2026 - 4:28pm, avalencia

NOTES:

1. FOR ACCURATE RIGHT–OF–WAY DATA, CONTACT THE CITY OFFICE.
2. CONTRACTOR TO PACK RSP VOIDS WITH SOIL AND SEED PER EROSION CONTROL PLANS OUTSIDE OF BRIDGE LIMITS.
3. HYDROSEED FOR RSP WILL BE PAID WITH RSP.



PLAN
SCALE: 1"=20'

APPROVED FOR EROSION CONTROL WORK ONLY

EC-2

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS NOTED
VERT. SCALE: N/A

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
EROSION CONTROL PLAN
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: JMAYER
DESIGNER: JMAYER
REVIEWER: ARORTIZ

PROJECT NO.
CIP #41410
SHEET NO. C62 OF C62

100% SUBMITTAL, NOT FOR CONSTRUCTION

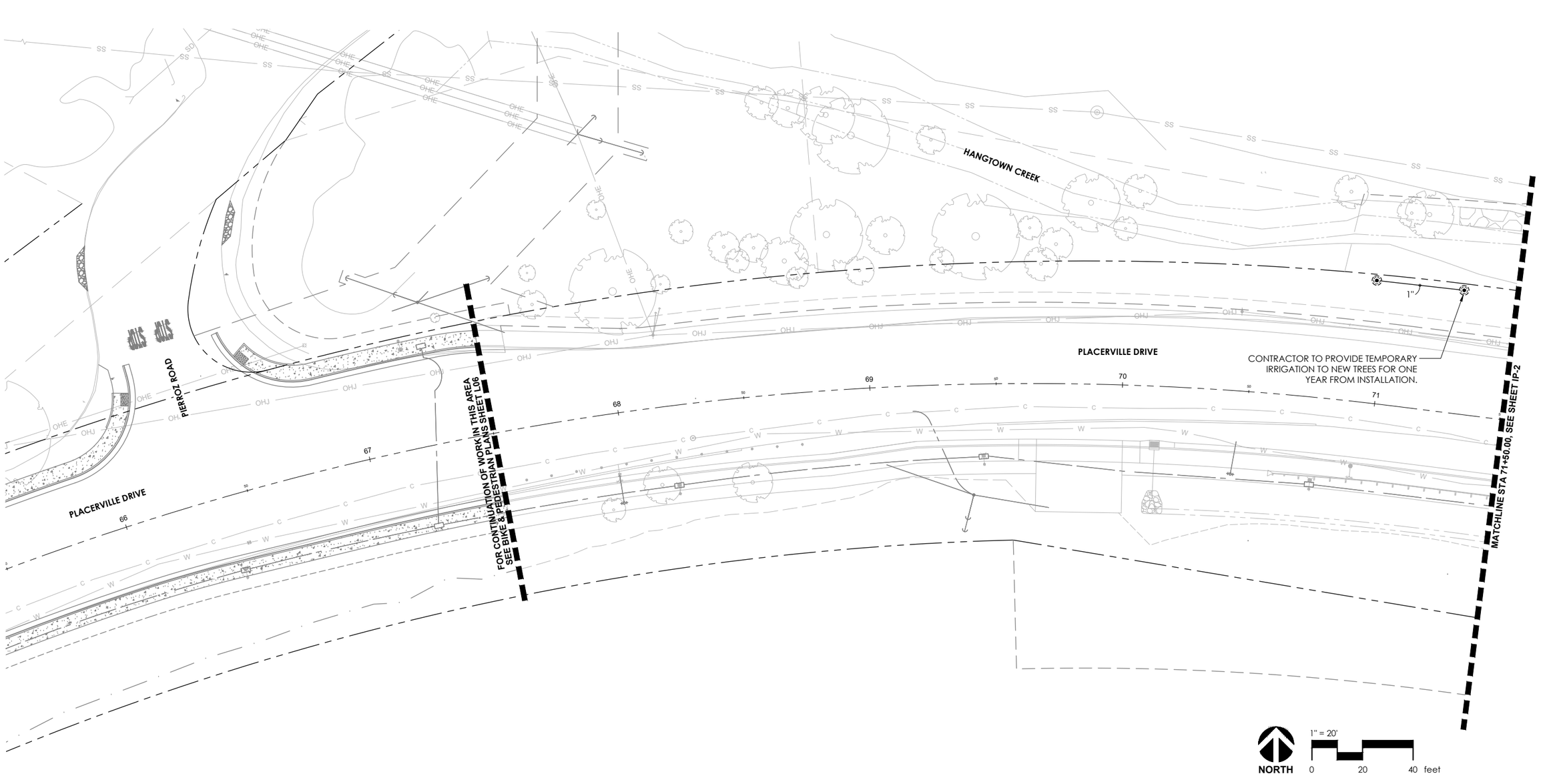
U:\18028 – Placerville Dr, Bicycle-Ped and Br. Repl – Ci Placerville\18028 Bridge Replacement\400 Project Design Files\420 Roadway & Civil\Plans\PLD–R–EC.dwg Jun 15, 2026 - 4:28pm, avalencia

IRRIGATION NOTES

1. SPECIFICATIONS: SEE IRRIGATION SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. UTILITIES: CONTRACTOR SHALL VERIFY LOCATION OF ALL ON-SITE UTILITIES. RESTORATION OF DAMAGED UTILITIES SHALL BE MADE AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
3. SCHEMATIC: SYSTEM FEATURES ARE SHOWN SCHEMATICALLY FOR GRAPHIC CLARITY.
4. TEMPORARY IRRIGATION: CONTRACTOR SHALL PROVIDE WATER AND TEMPORARY IRRIGATION SYSTEMS AS NECESSARY TO ESTABLISH HYDROSEED MIX AND NEW TREES TO SUBSTANTIAL COMPLETION AND THROUGHOUT THE MAINTENANCE PERIOD. WATER SOURCE AND METHODS OF APPLICATION IS SUBJECT TO REVIEW BY THE CITY AND/OR ITS REPRESENTATIVE.

IRRIGATION LEGEND

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
⊛	TEMPORARY HAND WATER IRRIGATION: CONTRACTOR TO HAND WATER TREES A MINIMUM OF ONE YEAR OR UNTIL TREES ARE ESTABLISHED. (1 / L02)



IP-1

NO	REVISION	DESCRIPTION	CHECKED BY	DATE

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12150 Tributary Point Drive, Suite 140
Gold River, CA 95670
T 916.985.4366
www.calilandarassociates.com

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
IRRIGATION PLAN
CITY OF PLACERVILLE CALIFORNIA

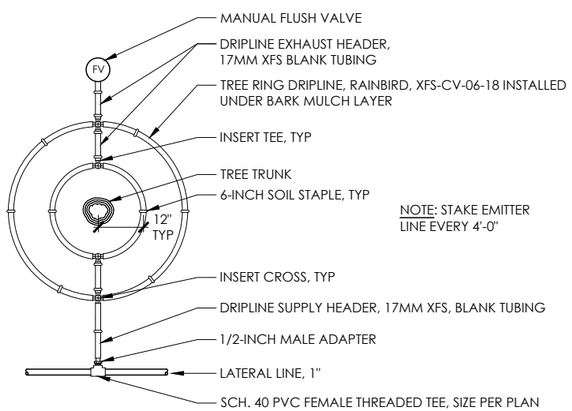
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DATE: 10/31/2025
DRAFTER: OP
DESIGNER: OP
REVIEWER: DM

PROJECT NO.
CIP #41410
SHEET NO. L01 OF L04

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1 L02 TREE DRIP RING LAYOUT
1" = 1"

P-23-013-35

FOR IRRIGATION LEGEND & NOTES SEE SHEET IP-1

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IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
IRRIGATION PLAN
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
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DESIGNER: OP
REVIEWER: DM

PROJECT NO.
CIP #41410
SHEET NO. L02 OF L04

IP-2

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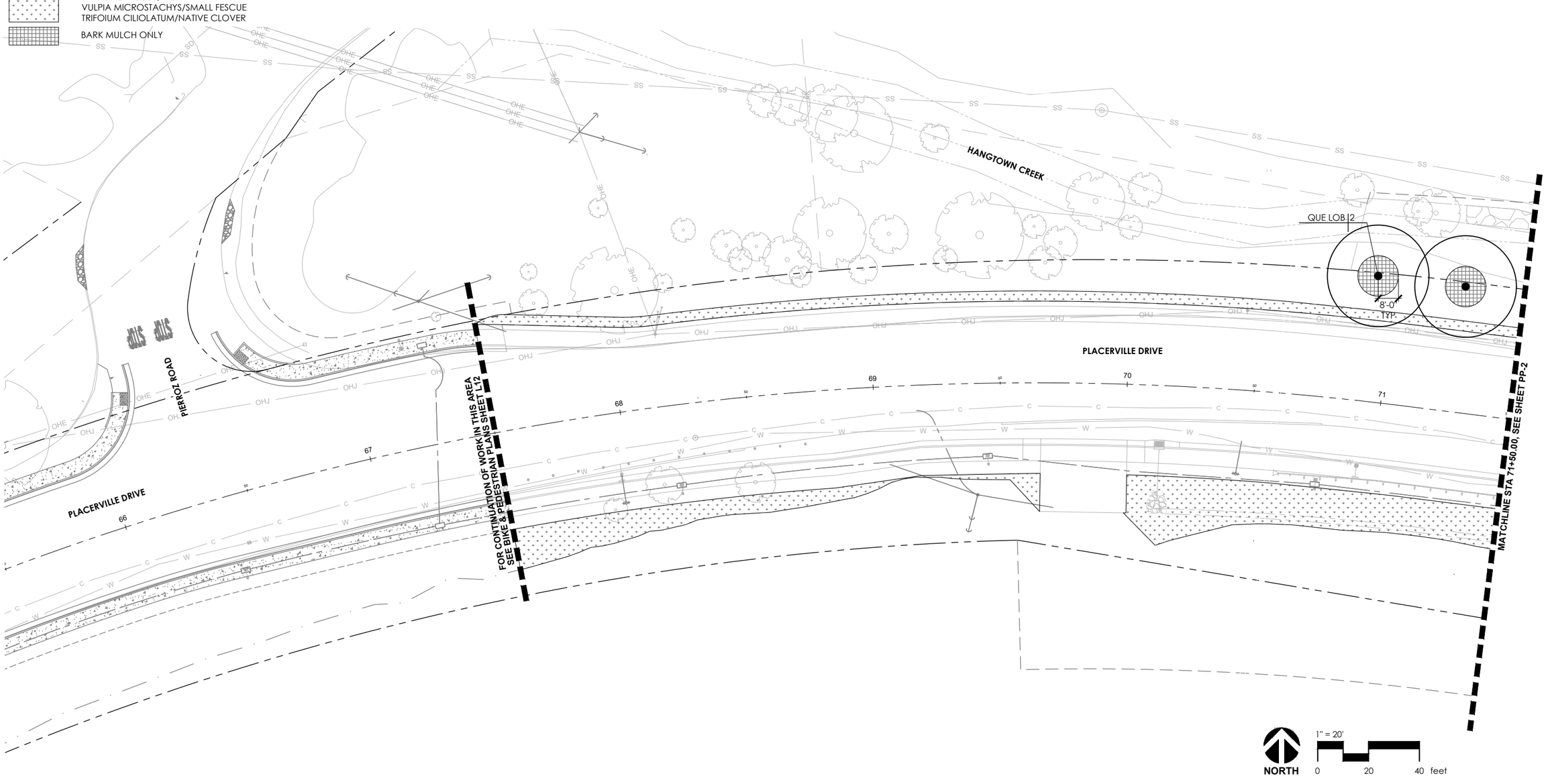
PLANT SCHEDULE

CODE	BOTANICAL / COMMON NAME	SIZE	WATER USE
TREES			
QUE LOB	QUERCUS LOBATA / VALLEY OAK	15 GAL	LOW

SYMBOL	BOTANICAL / COMMON NAME	SIZE	WATER USE
GROUND COVERS			
	HYDROSEED MIX NATIVE EROSION CONTROL MIX FROM PACIFIC COAST SEED: BROMUS CARIINATUS/CALIFORNIA BROME ELYMUS GLAUCUS/BLUE WILDRYE VULPIA MICROSTACHYS/SMALL FESCUE TRIFOIUM CILIOLATUM/NATIVE CLOVER	HYDROSEED	
	BARK MULCH ONLY		

PLANTING NOTES

1. MULCH: INSTALL A UNIFORM THREE INCH COVERING OF MULCH IN ALL NON-HYDROSEED PLANTING AREAS, PER SPECIFICATIONS.
2. EXISTING PLANT MATERIAL: PROTECT ALL EXISTING PLANT MATERIAL TO REMAIN. REPAIR ANY DAMAGES INCURRED AS A DIRECT RESULT OF THIS CONTRACT TO THE OWNER'S SATISFACTION AT NO ADDITIONAL COST.
3. GROUNDCOVER: PROVIDE GROUNDCOVER AT INDICATED ON-CENTER SPACING THROUGHOUT ALL AREAS TO BE PLANTED. GROUNDCOVER SHALL BE PROVIDED UP TO THE WATERING BASIN OF ALL TREES AND SHRUBS.
4. QUANTITIES: THE QUANTITIES SHOWN ON THE LABELS ARE NOT TO BE CONSTRUED AS THE COMPLETE AND ACCURATE LIMITS OF THE CONTRACT. FURNISH AND INSTALL ALL PLANTS SHOWN SCHEMATICALLY ON THE DRAWINGS.
5. SOILS TESTING: SEE SPECIFICATIONS FOR TESTING OF TOPSOIL AND AMENDMENTS. CONTRACTOR SHALL ALLOW SUFFICIENT TIME FOR TESTING PRIOR TO CONSTRUCTION.
6. EROSION CONTROL: CONTRACTOR SHALL PROVIDE JUTE NETTING ON ALL SLOPES 3:1 OR STEEPER PRIOR TO PLANTING. FOR ADDITIONAL EROSION CONTROL INFORMATION, SEE EROSION CONTROL PLAN.



PP-1

NO	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: As Shown
VERT. SCALE: As Shown

CITY OF PLACERVILLE EST. HANGTOWN CO.

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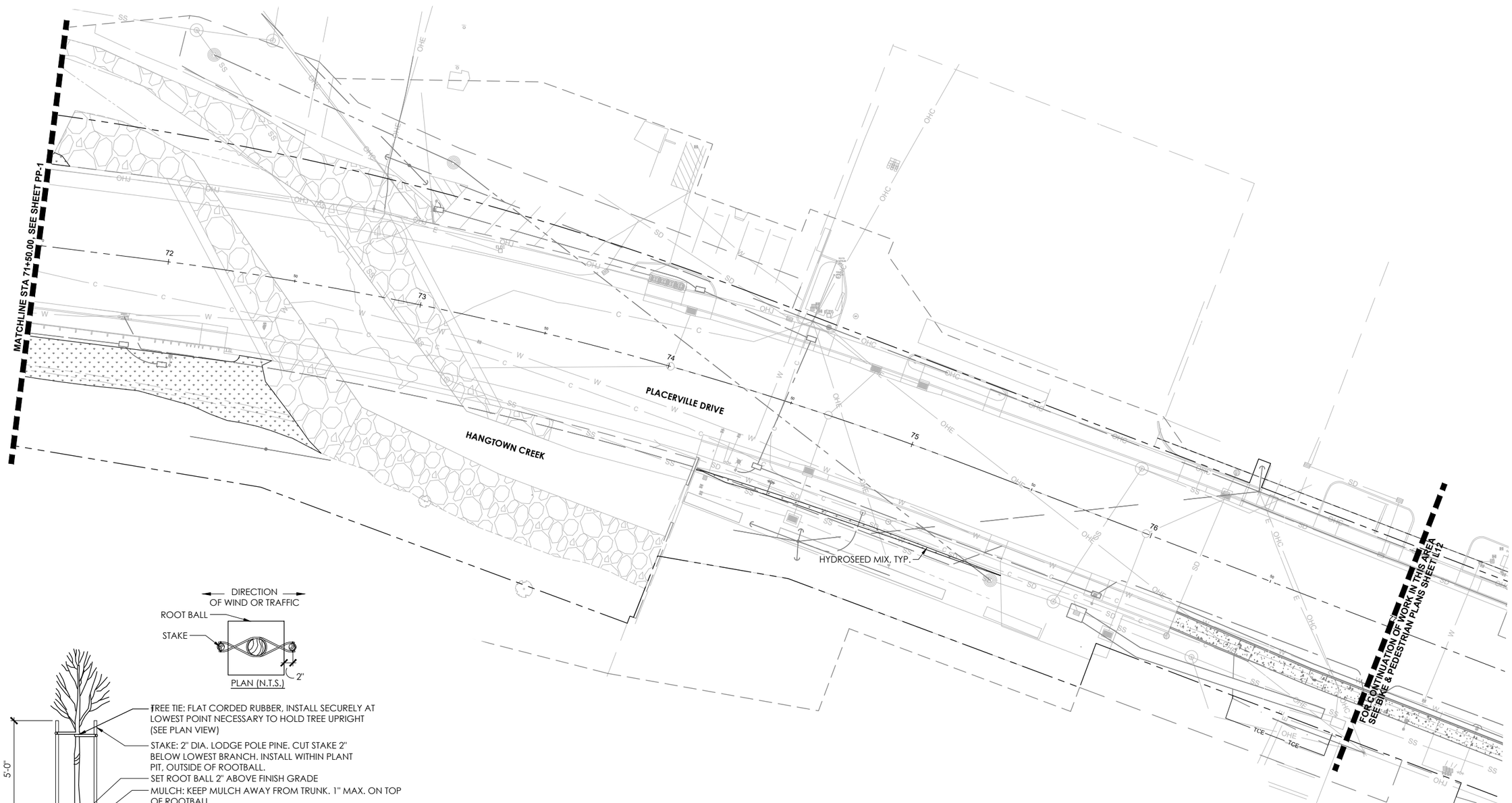
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
PLANTING PLAN
CITY OF PLACERVILLE CALIFORNIA

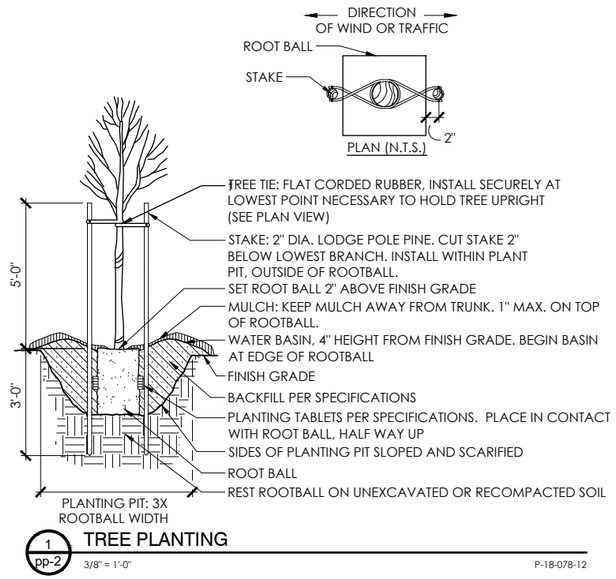
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DESIGNER: OP
REVIEWER: DM

PROJECT NO.
CIP #41410
SHEET NO. L03 OF L04

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1 PP-2 TREE PLANTING

3/8" = 1'-0" P-18-078-12

FOR PLANTING NOTES & SCHEDULE SEE SHEET PP-1

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VERT. SCALE: As Shown

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IMPROVEMENT PLANS FOR:

PLACERVILLE DRIVE BRIDGE REPLACEMENT

PLANTING PLAN

CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO

DATE: 10/31/2025

DRAFTER: OP

DESIGNER: OP

REVIEWER: DM

PROJECT NO. CIP #41410

SHEET NO. L04 OF L04

100% PROGRESS SUBMITTAL, NOT FOR CONSTRUCTION

PP-2

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ELECTRICAL GENERAL NOTES:

1. ALL CONSTRUCTION AND MATERIAL SHALL BE DONE IN ACCORDANCE WITH THE LATEST PG&E GREEN BOOK, THE LATEST EDITION AND REVISIONS OF THE 2024 CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THE SPECIAL PROVISIONS FOR THE PROJECT.
2. THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK CALLED FOR ON THESE PLANS UNTIL THE CITY ENGINEER'S SIGNATURE OF APPROVAL IS AFFIXED HEREON AND ALL APPLICABLE PERMITS HAVE BEEN OBTAINED. AN APPROVED SET OF PLANS SHALL BE ON THE JOB SITE DURING ANY CONSTRUCTION.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING ALL CONFLICTS, ERRORS, OMISSIONS, ETC. TO THE ENGINEER IMMEDIATELY UPON DISCOVERY. IF SO DIRECTED BY THE ENGINEER, THE CONTRACTOR SHALL STOP WORK UNTIL REMEDIAL ACTION CAN BE TAKEN. ANY COSTS RESULTING FROM THE CONTRACTOR'S FAILURE TO REPORT OR FAILURE TO STOP WORK AS DIRECTED WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.
4. THE CONTRACTOR AGREES THAT THEY SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR THE JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE CITY, OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPT FOR LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF THE OWNER OR ENGINEER.
5. THE CONTRACTOR SHALL MAKE AN ON-SITE INSPECTION PRIOR TO PROVIDING ANY PROPOSALS TO DETERMINE ANY AND ALL ITEMS NOT SHOWN AS BID ITEMS ON THE PROPOSALS SHEETS, BUT WHICH MAY BE NECESSARY TO PERFORM A COMPLETE AND ACCEPTABLE JOB.
6. THE LOCATIONS OF ALL UNDERGROUND FACILITIES SHOWN ON THIS PLAN ARE APPROXIMATE. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL UNDERGROUND FACILITIES. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL EXISTING FACILITIES AND IMMEDIATELY NOTIFY THE ENGINEER IF ANY SUCH FACILITIES INTERFERE WITH THE CONSTRUCTION OF IMPROVEMENTS.
7. THE CONTRACTOR IS HEREBY NOTIFIED THAT PRIOR TO COMMENCING CONSTRUCTION, THEY ARE RESPONSIBLE FOR CONTACTING ALL UTILITY COMPANIES FOR VERIFICATION AT THE CONSTRUCTION SITE OF THE LOCATIONS OF ALL UNDERGROUND FACILITIES WHERE SUCH FACILITIES MAY CONFLICT WITH PLACEMENT OF IMPROVEMENTS SHOWN ON THIS PLAN. CALL "UNDERGROUND SERVICE ALERT" AT 811, 48 HOURS PRIOR TO EXCAVATION.
8. CONDUIT AND PULL BOX LOCATIONS ARE APPROXIMATE ONLY. ACTUAL LOCATIONS SHALL BE DETERMINED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER IN THE FIELD PRIOR TO EXCAVATION. FOUR WORKING DAYS NOTICE TO THE CITY SHALL BE REQUIRED.
9. ALL STREET LIGHTING PULL BOXES SHALL BE "SL" TYPE AS SHOWN ON THE SYMBOL LEGEND UNLESS OTHERWISE NOTED. COVERS SHALL BE LABELED "PG&E STREET LIGHTING".
10. THE CONTRACTOR SHALL MAINTAIN ALL EXISTING GUIDE, REGULATORY, AND WARNING SIGNING DURING IMPROVEMENT AND TRAFFIC SIGNAL INSTALLATION.
11. MANUFACTURERS' WARRANTIES AND GUARANTEES FURNISHED FOR EQUIPMENT AND MATERIALS USED IN THE WORK AND INSTRUCTION SHEETS AND PARTS LISTS SUPPLIED FOR ALL EQUIPMENT AND MATERIALS SHALL BE DELIVERED TO THE ENGINEER PRIOR TO ACCEPTANCE.
12. THESE PLANS ARE ACCURATE FOR ELECTRICAL WORK ONLY.
13. ALL STREET LIGHTING POLES SHALL BE PAINTED FEDERAL COLOR CODE 34092.

ABBREVIATIONS:

(FOR ALL OTHER ABBREVIATIONS AND LEGEND, SEE CALTRANS STANDARD PLANS A3A, A3B, A3C, ES-1A, ES-1B, AND ES-1C.)

FE	FOUNDATION EXTENSION
PG&E	PACIFIC GAS AND ELECTRIC

SYMBOL LEGEND

28' SINGLE ARM GALVANIZED STEEL POLE WITH 8' LUMINAIRE ARM PER PG&E APPROVED MATERIAL LIST FOR LED COBRAHEAD AND AREA STREET LIGHTING UNLESS NOTED OTHERWISE. SEE DETAIL A ON SHEET E-3 FOR POLE AND FOUNDATION DETAILS. PG&E TO INSTALL CREE RSW-B LARGE 108 W LED LUMINAIRE, MODEL No. RSWL-B-HT-3ME-14L-30K7-UL-GY-N-Q9.

EXISTING STREET LIGHT.

EXISTING WOOD POLE WITH LED LUMINAIRE.

EXISTING PULL BOX.

1 DESIGNATION

DESIGNATIONS:
1 PG&E 13"X24"8d IVT ENCLOSURE ASM, CODE M040933
SL PG&E 11.5" STREET LIGHT ENCLOSURE ASM, CODE M3251

STANDARD CONSTRUCTION NOTES:

CB CONNECT CONDUIT TO EXISTING PULL BOX.

SC SPLICE NEW TO EXISTING CONDUCTORS.

REGISTERED PROFESSIONAL ENGINEER
KIRK WILLIAM METER
NO. C82712
CIVIL
STATE OF CALIFORNIA

E-1

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: NO SCALE
VERT. SCALE: NO SCALE

CITY OF PLACERVILLE

BENGEN
3250 Ramos Circle
Sacramento, California 95827
T 916.366.8000

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
ELECTRICAL NOTES AND LEGENDS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: S.YONG
DESIGNER: K.METER
REVIEWER: K.CHAN

PROJECT NO.
CIP# 41410
SHEET NO. E01 OF E04

100% PROGRESS SUBMITTAL, NOT FOR CONSTRUCTION

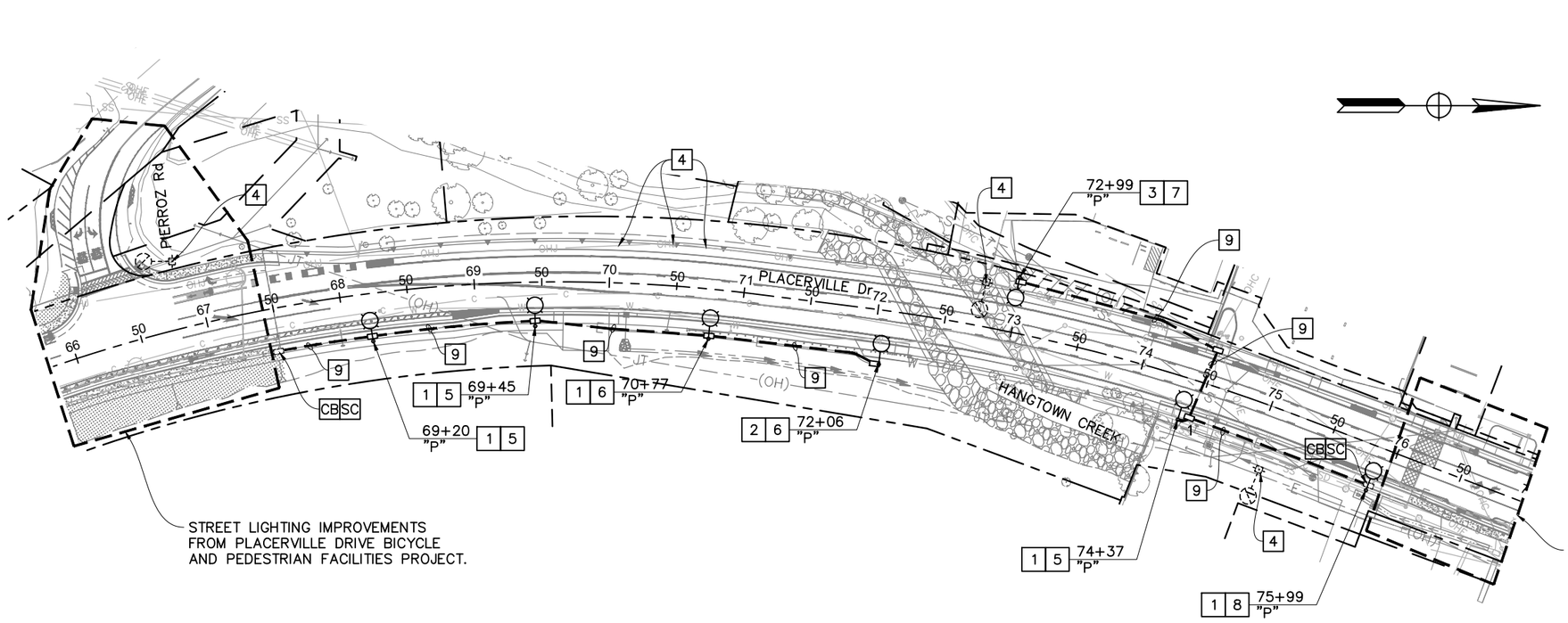
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NOTES:

1. SEE SHEET E–1 FOR NOTES AND LEGEND.
2. ALL PULL BOXES ARE "SL" UNLESS NOTED OTHERWISE.

CONSTRUCTION NOTES (THIS SHEET ONLY):

1. 28'–0" PG&E SINGLE ARM STEEL POLE WITH 8'–0" LUMINAIRE MAST ARM (CODE M357252). PAINT POLE AND LUMINAIRE MAST ARM. 109 W LED LUMINAIRE INSTALLED BY PG&E.
2. 32'–6" PG&E SINGLE ARM STEEL POLE WITH 8'–0" LUMINAIRE MAST ARM (CODE M357230). PAINT POLE AND LUMINAIRE MAST ARM. 109 W LED LUMINAIRE INSTALLED BY PG&E.
3. 35'–0" PG&E SINGLE ARM STEEL POLE WITH 8'–0" LUMINAIRE MAST ARM (CODE M357254). PAINT POLE AND LUMINAIRE MAST ARM. 109 W LED LUMINAIRE INSTALLED BY PG&E.
4. EXISTING PG&E STRUCTURES AND OVERHEAD FACILITY TO BE REMOVED BY OTHERS PRIOR TO CONSTRUCTION.
5. SEE STREET LIGHT DETAIL A ON SHEET E–4.
6. SEE STREET LIGHT DETAIL B ON SHEET E–4.
7. SEE STREET LIGHT DETAIL C ON SHEET E–4.
8. SEE STREET LIGHT DETAIL D ON SHEET E–4.
9. 2"C, 1–6D XLP DPX ST LT CABLE.



E-2

NO. | REVISION DESCRIPTION | CHECKED BY | DATE

DRAWING SCALE
HOR. SCALE: 1" = 50'
VERT. SCALE: NO SCALE

CITY OF PLACERVILLE

BENEN
3250 Ramos Circle
Sacramento, California 95827
T 916.366.8000

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
LIGHTING (CITY STREET)
CITY OF PLACERVILLE CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
KIRK WILLIAM MEYER
NO. C82712
CIVIL
STATE OF CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: S.XIONG
DESIGNER: K.MEYER
REVIEWER: K.CHAN

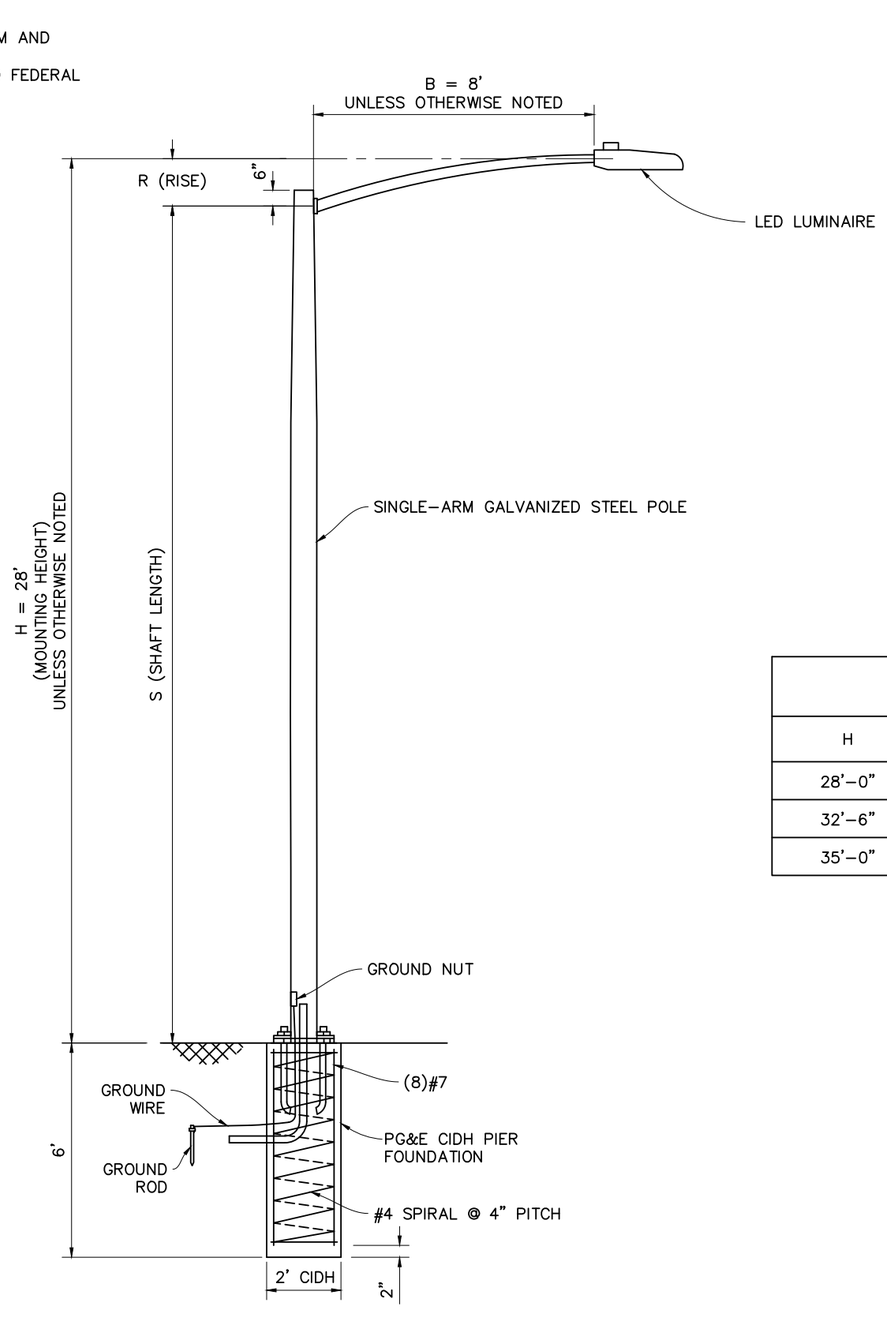
PROJECT NO.
CIP# 41410
SHEET NO. E02 OF E04

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NOTES:

1. SEE SHEET E–1 FOR NOTES AND LEGEND.
2. PLACE FIXTURE WIRING THROUGH LUMINAIRE ARM AND POLE. PLACE 5' COIL IN ADJACENT PULL BOX.
3. ALL STREET LIGHTING POLES SHALL BE PAINTED FEDERAL COLOR CODE 34092.



DETAIL A
PG&E CIDH PIER
NO SCALE

POLE DATA

H	S	R	B	BASE DIA	BASE PLATE
28'–0"	26'–6"	1'–6"	8'–0"	0'–8"	0'–11 1/2" (SQ)
32'–6"	31'–0"	1'–6"	8'–0"	0'–8 1/2"	0'–11 1/2" (SQ)
35'–0"	33'–6"	1'–6"	8'–0"	0'–8 1/2"	0'–11 1/2" (SQ)

REGISTERED PROFESSIONAL ENGINEER
KIRK WILLIAM MEYER
NO. C82712
CIVIL
STATE OF CALIFORNIA

E-3

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VERT. SCALE: NO SCALE

CITY OF PLACERVILLE

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3250 Ramos Circle
Sacramento, California 95827
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IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BIKE BRIDGE REPLACEMENT
ELECTRICAL DETAILS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: S.YONG
DESIGNER: K.MEYER
REVIEWER: K.CHAN

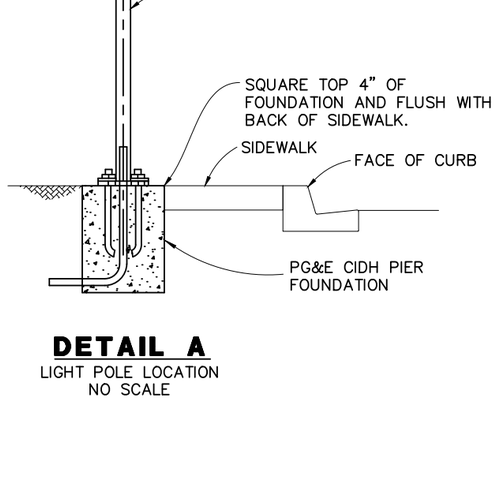
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SHEET NO. E03 OF E04

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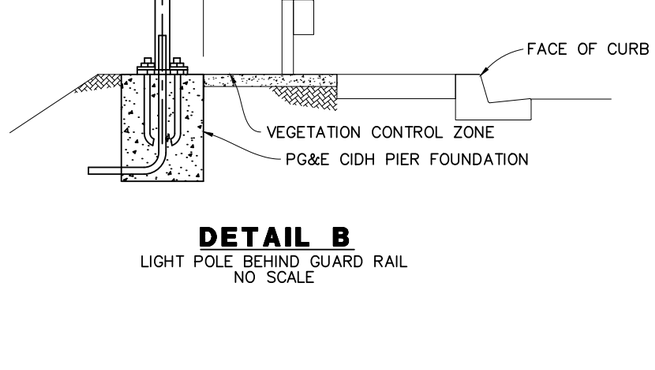
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NOTE:

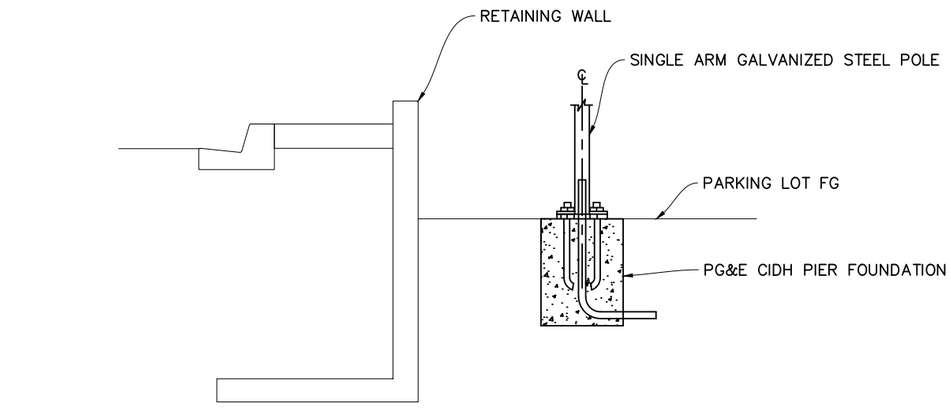
SEE SHEET E–1 FOR NOTES AND LEGEND.



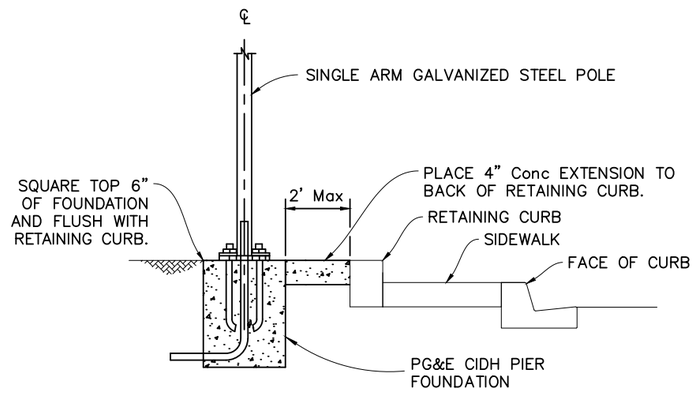
DETAIL A
LIGHT POLE LOCATION
NO SCALE



DETAIL B
LIGHT POLE BEHIND GUARD RAIL
NO SCALE



DETAIL C
LIGHT POLE BEHIND RETAINING WALL
NO SCALE



DETAIL D
LIGHT POLE BEHIND RETAINING CURB
NO SCALE

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: NO SCALE
VERT. SCALE: NO SCALE

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IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
ELECTRICAL DETAILS
CITY OF PLACERVILLE CALIFORNIA

REGISTERED PROFESSIONAL ENGINEER
KIRK WILLIAM MEYER
NO. C82712
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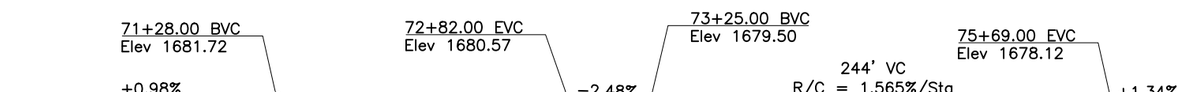
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DRAFTER: S.YONG
DESIGNER: K.MEYER
REVIEWER: K.CHAN

PROJECT NO.
CIP# 41410
SHEET NO. E04 OF E04

E-4

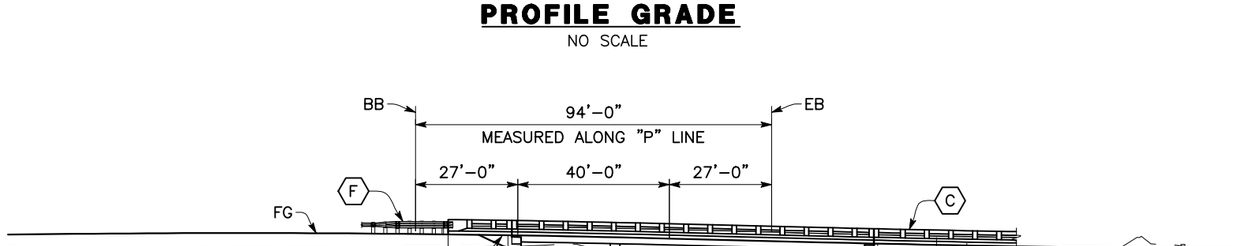
100% PROGRESS SUBMITTAL, NOT FOR CONSTRUCTION

P:\Proj\107318 Placerville Drive Bike & Ped Facilities CIP #41816\03-PLANS\SHEETS\Bridge Project\01-STLT (Bridge).dwg Mar 13, 2026 - 10:18am, kmeyer



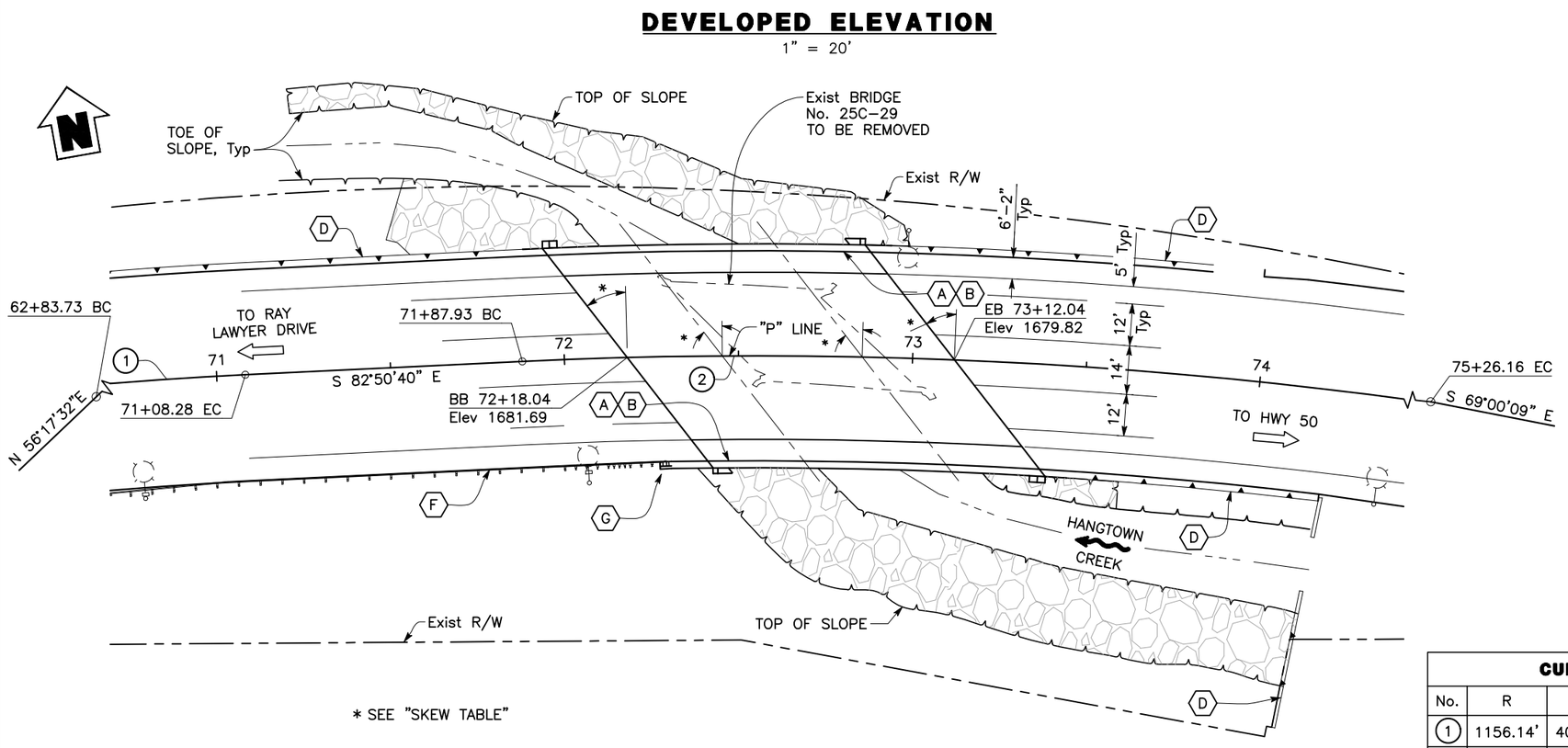
PROFILE GRADE

NO SCALE



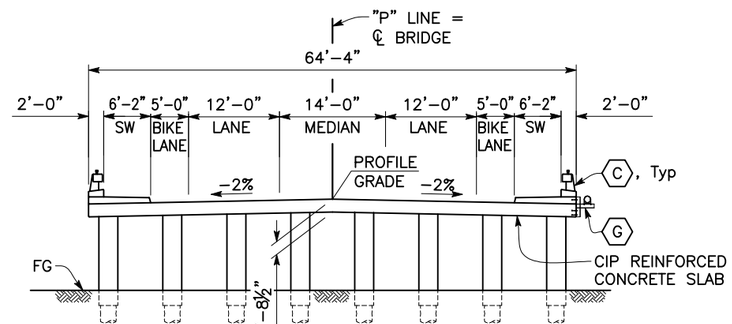
DEVELOPED ELEVATION

1" = 20'



PLAN

1" = 20'



TYPICAL SECTION

1" = 10'

KEY NOTES:

- (A) Paint "Placerville Drive Bridge"
- (B) Paint "Bridge No. 25C0152"
- (C) Concrete Barrier Type 85SW with Tubular Handrail
- (D) Retaining Wall
- (E) For "HYDROLOGIC/HYDRAULIC SUMMARY" see "FOUNDATION PLAN" sheet
- (F) Midwest Guardrail System, see Roadway Plans
- (G) 10" EID Waterline Support

NOTES:

1. For the location of "GENERAL NOTES" and "INDEX TO PLANS" see the "INDEX TO PLANS" sheet.

LEGEND:

- Indicates direction of water flow
- Indicates direction of traffic
- Indicates Existing Bridge
- Indicates New Structure
- Indicates Rock Slope Protection
- Indicates 100 Yr Water Surface Elevation
- Indicates Street Lighting, see Electrical Plans

CURVE DATA				
No.	R	Δ	T	L
(1)	1156.14'	40°51'47"	430.69'	824.55'
(2)	1400.00'	13°50'32"	169.94'	338.23'

SKEW ANGLE TABLE	
LOCATION	SKEW
ABUTMENT 1	36°19'30"
PIER 2	37°26'29"
PIER 3	39°05'17"
ABUTMENT 4	40°10'19"

ST-1

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
GENERAL PLAN
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAWAGOE
REVIEWER: R. MOE

PROJECT NO.
CIP # 41410
SHEET NO. S01 OF S36

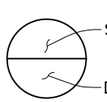
100% SUBMITTAL, NOT FOR CONSTRUCTION

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INDEX TO PLANS

SHEET NO.	TITLE
S01	GENERAL PLAN
S02	INDEX TO PLANS
S03	DECK CONTOURS
S04	FOUNDATION PLAN
S05	ABUTMENT 1 LAYOUT
S06	ABUTMENT 4 LAYOUT
S07	ABUTMENT DETAILS NO. 1
S08	ABUTMENT DETAILS NO. 2
S09	ABUTMENT DETAILS NO. 3
S10	ABUTMENT DETAILS NO. 4
S11	ABUTMENT DETAILS NO. 5
S12	ABUTMENT DETAILS NO. 6
S13	ABUTMENT DETAILS NO. 7
S14	ABUTMENT DETAILS NO. 8
S15	PIER LAYOUT
S16	PIER DETAILS NO. 1
S17	PIER DETAILS NO. 2
S18	TYPICAL SECTION
S19	SLAB DETAILS NO. 1
S20	SLAB DETAILS NO. 2
S21	SLAB DETAILS NO. 3
S22	WATERLINE SUPPORT DETAILS No. 1
S23	WATERLINE SUPPORT DETAILS No. 2
S24	CONCRETE BARRIER TYPE 85SW–DETAILS No. 1
S25	CONCRETE BARRIER TYPE 85SW–DETAILS No. 2
S26	CONCRETE BARRIER TYPE 85SW–DETAILS NO. 3
S27	CONCRETE BARRIER TYPE 85SW–DETAILS NO. 4
S28	CONCRETE BARRIER TYPE 85SW–DETAILS NO. 5
S29	RETAINING WALL 2 – GENERAL PLAN NO. 1
S30	RETAINING WALL 2 – GENERAL PLAN NO. 2
S31	RETAINING WALL 3 – GENERAL PLAN NO. 1
S32	RETAINING WALL 3 – GENERAL PLAN NO. 2
S33	RETAINING WALL 4 AND 5 – GENERAL PLAN NO. 1
S34	RETAINING WALL 4 AND 5 – GENERAL PLAN NO. 2
S35	RETAINING WALL 4 AND 5 DETAILS
S36	LOG OF TEST BORINGS

CALTRANS STANDARD PLANS DATED 2024



QUANTITIES (BRIDGE)

BID ITEM	QTY	UNIT
STRUCTURE EXCAVATION (BRIDGE)	601	CY
STRUCTURE EXCAVATION (TYPE D)	1,322	CY
STRUCTURE BACKFILL (BRIDGE)	1,340	CY
30" CAST–IN–DRILLED–HOLE CONCRETE PILING	88	LF
24" CAST–IN–DRILLED–HOLE CONCRETE PILING (ROCK SOCKET)	184	LF
STRUCTURAL CONCRETE, BRIDGE FOOTING	296	CY
STRUCTURAL CONCRETE, BRIDGE	523	CY
STRUCTURAL CONCRETE, BRIDGE (POLYMER FIBER)	404	CY
CONCRETE SURFACE TEXTURE	1,701	SQFT
JOINT SEAL (MR = ½")	165	LF
BAR REINFORCING STEEL (BRIDGE)	162,509	LB
BAR REINFORCING STEEL (EPOXY COATED)(BRIDGE)	56,827	LB
HEADED BAR REINFORCEMENT	52	EA
BRIDGE REMOVAL	1	LS
PREPARE AND STAIN CONCRETE	1,701	SQFT
CONCRETE BARRIER (TYPE 85SW)	233	LF

GENERAL NOTES
LOAD AND RESISTANCE FACTOR DESIGN

DESIGN: AASHTO LRFD Bridge Design Specifications, 2019 Edition with Caltrans Amendments, updated December 2023

Caltrans Standard Plans and Specifications, 2024 Edition with Revised Standard Plans, dated April 2025

Caltrans Structural Technical Policies as of January 2024

SEISMIC DESIGN: Caltrans Seismic Design Criteria (SDC), Version 2.0 dated April 2019 with Interim revisions dated October 2019.

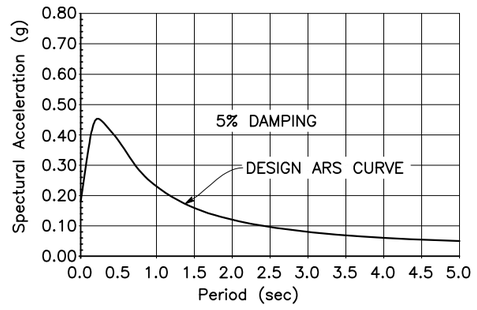
DEAD LOAD: Includes 35 psf for future wearing surface and 100 plf for El Dorado Irrigation District (EID) waterline.

LIVE LOADING: HL93 and permit design load.

SEISMIC LOADING: Soil profile: V_{s30} = 1,263 ft/s

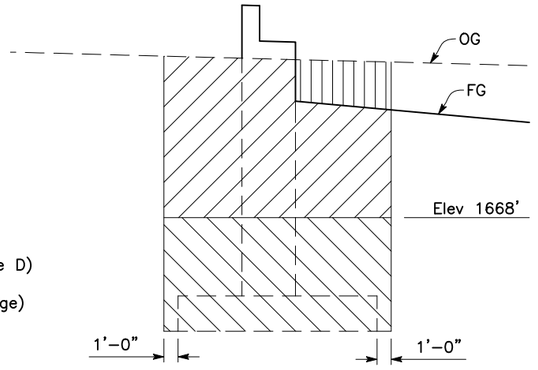
Moment Magnitude: 6.4

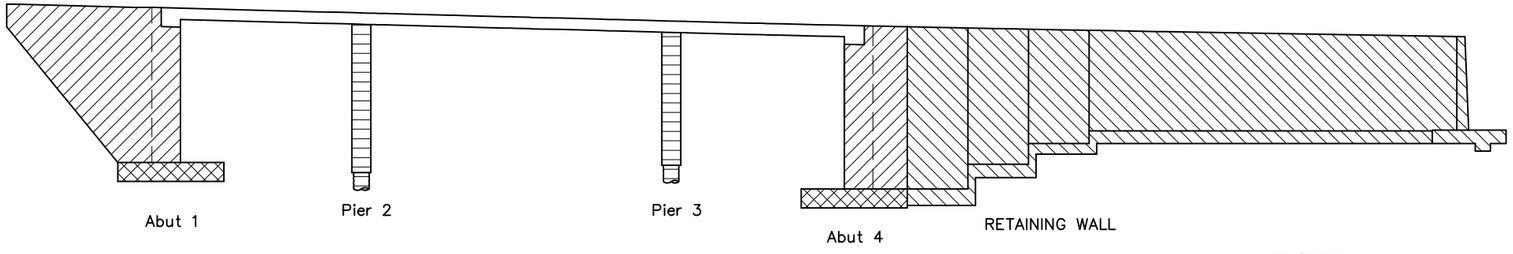
Peak Ground Acceleration = 0.18g



Acceleration Response Spectrum

REINFORCED CONCRETE:
fy = 60 ksi
f'c = 3.6 ksi @ 28 days UON, see "CONCRETE STRENGTH AND TYPE LIMITS"
n = 8





CONCRETE STRENGTH AND TYPE LIMITS

NO SCALE

LEGEND:

- Structural Concrete, Bridge (Polymer Fiber) (f'c = 5.0 ksi @ 28 days)
- Structural Concrete, Bridge (f'c = 4.0 ksi @ 28 days)
- Cast–In–Drilled–Hole Concrete Piling (f'c = 4.0 ksi @ 28 days)
- Structural Concrete, Bridge Footing (f'c = 3.6 ksi @ 28 days)
- Structural Concrete, Retaining Wall (f'c = 3.6 ksi @ 28 days)

LEGEND:

- Structure Excavation (Type D)
- Structure Excavation (Bridge)
- Channel Excavation

LIMITS OF PAYMENT FOR EXCAVATION

NO SCALE

NOTE: For Limits of Payment for Backfill, see Standard Plan A62C

ST-2

NO	REVISION	DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

INDEX TO PLANS

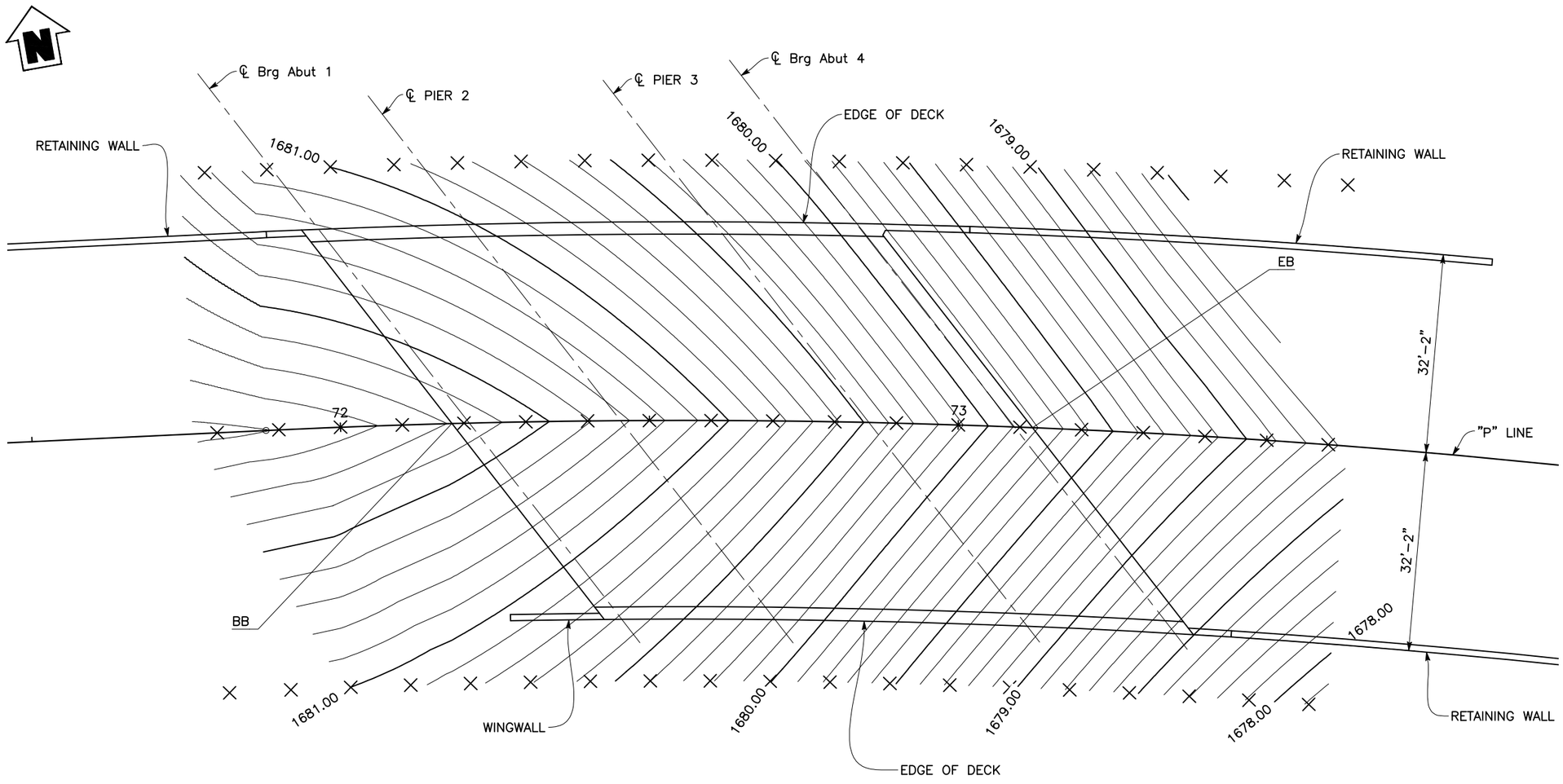
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CENTENO
DESIGNER: K. KAWAKAMI
REVIEWER: R. RUIZ

PROJECT NO.
CIP # 41410
SHEET NO. S02 OF S36

100% SUBMITTAL, NOT FOR CONSTRUCTION

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PLAN

1" = 10'

NOTES:

1. Contours do not include Camber.
2. 0.1' Contour Interval.
3. × = Indicates 10' Intervals along "P" Line.

ST-3

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
DECK CONTOURS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAWAKAMI
REVIEWER: R. RAY

PROJECT NO.
CIP # 41410
SHEET NO. S03 OF S36

100% SUBMITTAL, NOT FOR CONSTRUCTION

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BENCH MARKS:

See "Roadway Plans"

SURVEY DATUM:

HORIZONTAL: NAD 83

VERTICAL: NGVD 29

PILE DATA TABLE

LOCATION	PILE TYPE	PILE CUT–OFF Elev	NOMINAL RESISTANCE (kips)		TOP OF ROCK SOCKET Elev (ft)	DESIGN TIP ELEVATIONS[1,2] (ft)	SPECIFIED TIP ELEVATIONS[2] (ft)
			COMPRESSION	TENSION			
PIER 2	30" CIDH W/ 24" CIDH (ROCK SOCKET)	1,664.0	500	N/A	1662	1655 (a) 1649 (b)	1649
PIER 3	30" CIDH W/ 24" CIDH (ROCK SOCKET)	1,664.0	480	N/A	1655	1655 (a) 1645 (b)	1645

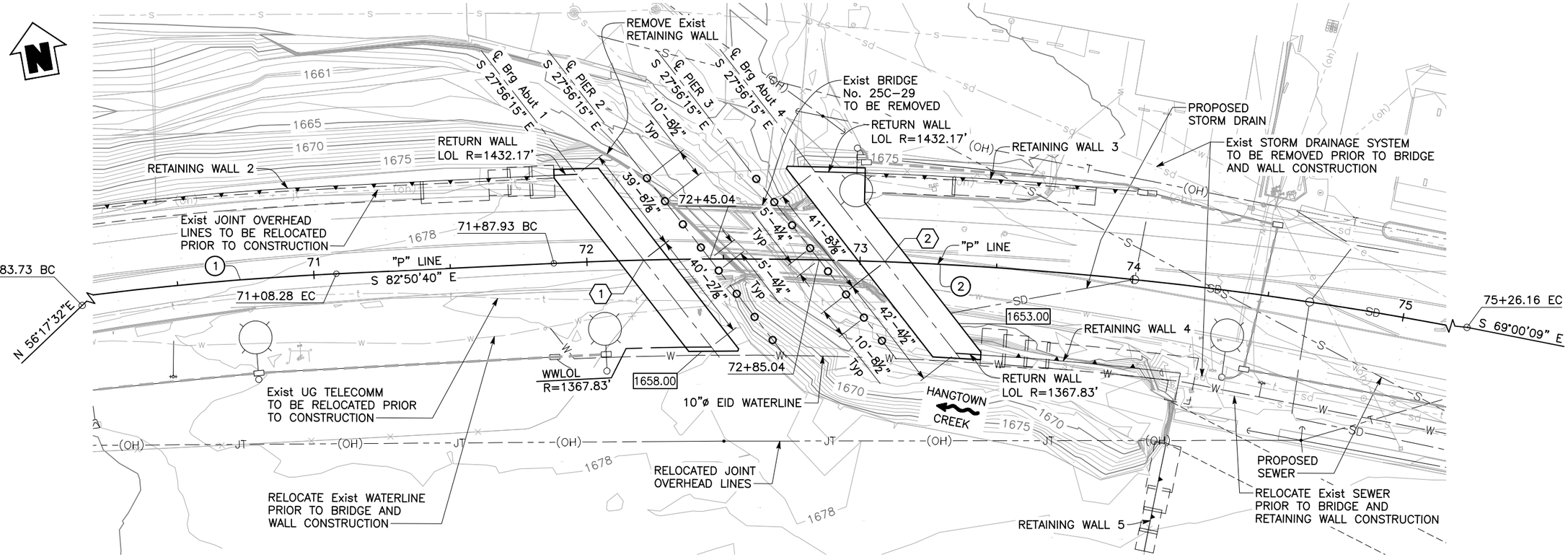
PILE NOTES:
1. Design Tip Elevation is controlled by the following demands: (a) Compression, (b) Lateral.
2. If Unit 3A weathered rock is encountered lower than elevation 1663.9 ft at Pier 2 or elevation 1660.6 ft at Pier 3, the piles at these locations shall be extended equal to the difference between expected and actual top of weathered rock elevation.

SPREAD FOOTING DATA TABLE

SUPPORT LOCATION	SERVICE PERMISSIBLE NET CONTACT STRESS (SETTLEMENT) (ksf)	STRENGTH/CONSTRUCTION FACTORED GROSS NOMINAL BEARING RESISTANCE $\phi_b = 0.45$ (ksf)	EXTREME EVENT FACTORED GROSS NOMINAL BEARING RESISTANCE $\phi_b = 1.00$ (ksf)
Abut 1	33.2	15.2	N/A
Abut 4	45.5	15.1	N/A

SPREAD FOOTING NOTES:
1. Provide minimum 2ft embedment into scour–resistant rock.

		NORTHING	EASTING
1	℄ Brg Abut 1 Sta 72+20.83	2031102.53	6896012.23
2	℄ Brg Abut 4 Sta 73+09.10	2031086.74	6896099.05



PLAN
1" = 20'

SCOUR DATA TABLE

Support Number	Long Term (Degradation and Contraction) Scour Elevation (ft)	Short Term (Local) Scour Depth (ft)
Abut 1 *	1,664.0	4.1[1]
PIER 2	1,664.0	6.9[1]
PIER 3	1,664.0	7.0
Abut 4 **	1,664.0	4.1

NOTES:
1. The actual scour elevation will be limited by the presence of scour resistant rock at the support location.

* Scour resistant rock = 1,662 @ Abut 1 and Pier 2
** Scour resistant rock = 1,655 @ Abut 4 and Pier 3

HYDROLOGIC SUMMARY

Drainage Area: 7.6 Square Miles

Frequency (Years)	Design Flood	Base Flood	Flood of Record
	50	100	N/A
Discharge (cubic feet per second)	2,781	3,200	N/A
Water Surface (elevation at bridge), (feet)	1674.9	1675.7	N/A

Flood plain data is based upon information available when the plans were prepared and are shown to meet federal requirements. The accuracy of said information is not warranted by the City and interested or affected parties should make their own investigations.

CURVE DATA

No.	R	Δ	T	L
1	1156.14'	40°51'47"	430.69'	824.55'
2	1400.00'	13°50'32"	169.94'	338.23'

NOTE:
PROTECT IN PLACE ALL EXISTING UTILITIES, UNLESS OTHERWISE SHOWN

LEGEND:

- Indicates Bottom of Footing Elevation
- Indicates Direction of Water Flow
- Indicates Existing Bridge
- Indicates New Structure
- Indicates 30" Dia CIDH Pile w/ 24" Dia CIDH (Rock Socket)
- Indicates Street Lighting, see Electrical Plans

ST-4

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

CITY OF PLACERVILLE

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

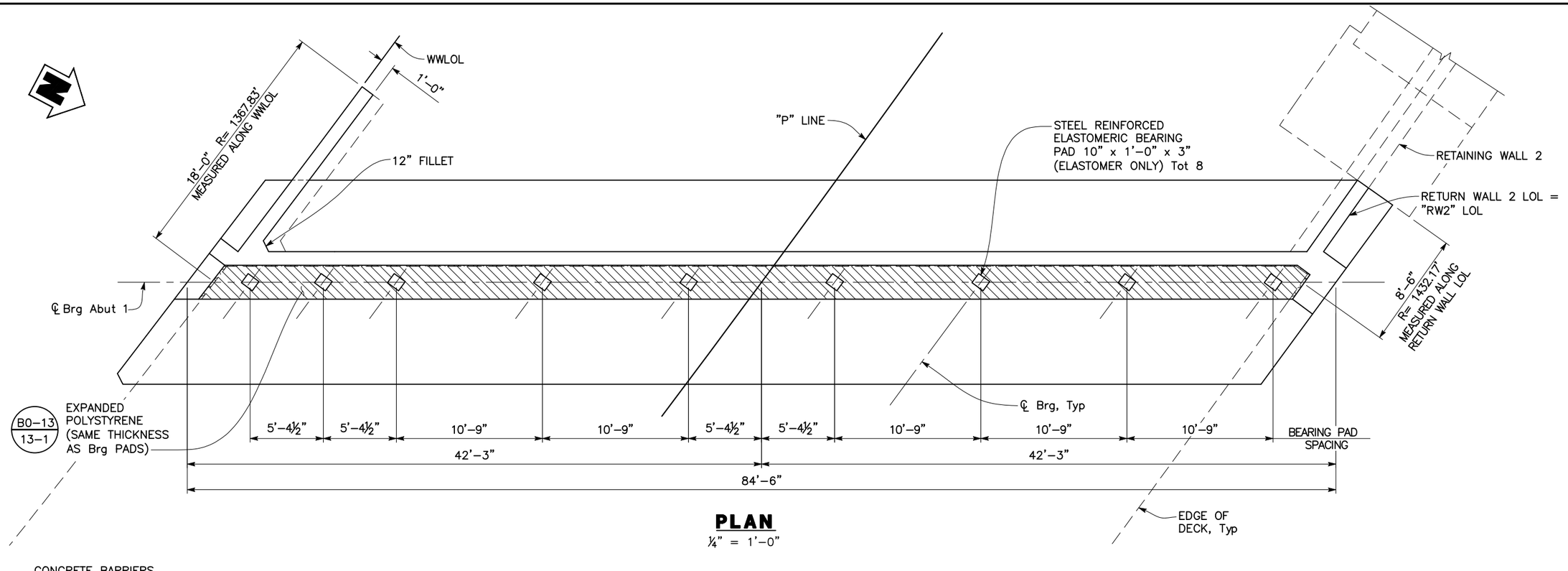
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
FOUNDATION PLAN
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAWAKAMI
REVIEWER: R. RUIZ

PROJECT NO.
CIP # 41410
SHEET NO. S04 OF S36

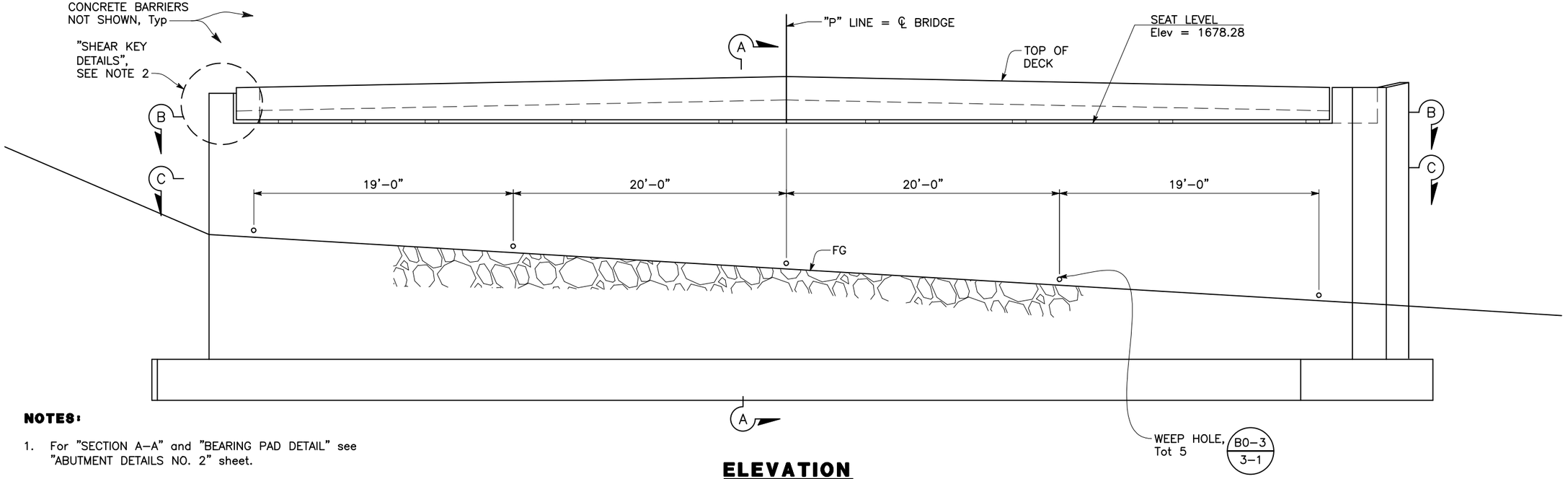
100% SUBMITTAL, NOT FOR CONSTRUCTION

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PLAN

¼" = 1'-0"



ELEVATION

¼" = 1'-0"

NOTES:

1. For "SECTION A–A" and "BEARING PAD DETAIL" see "ABUTMENT DETAILS NO. 2" sheet.
2. For "SECTION B–B" and "SHEAR KEY DETAILS" see "ABUTMENT DETAILS NO. 3" sheet.
3. For "SECTION C–C", see "ABUTMENT DETAILS NO. 4" sheet.
4. For Waterline support details not shown, see "WATERLINE SUPPORT DETAILS" sheet.

ST-5

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

ABUTMENT 1 LAYOUT

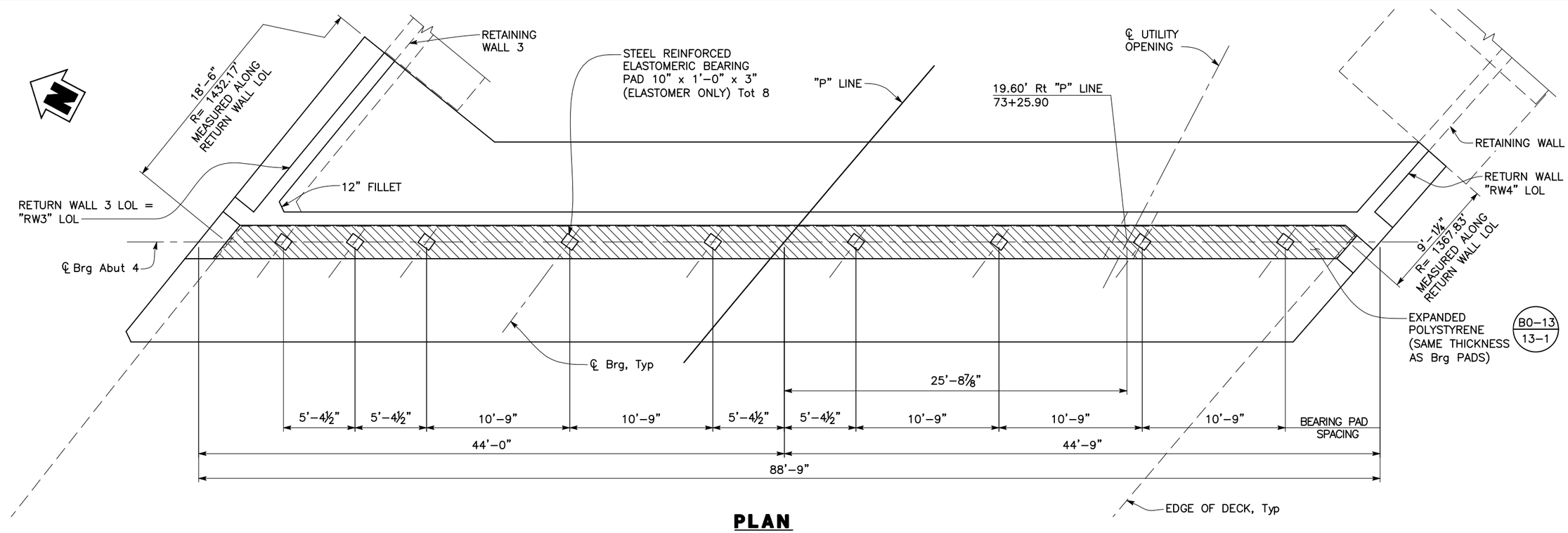
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAWAKAMI
REVIEWER: E. ROY

PROJECT NO.
CIP # 41410
SHEET NO. S05 OF S36

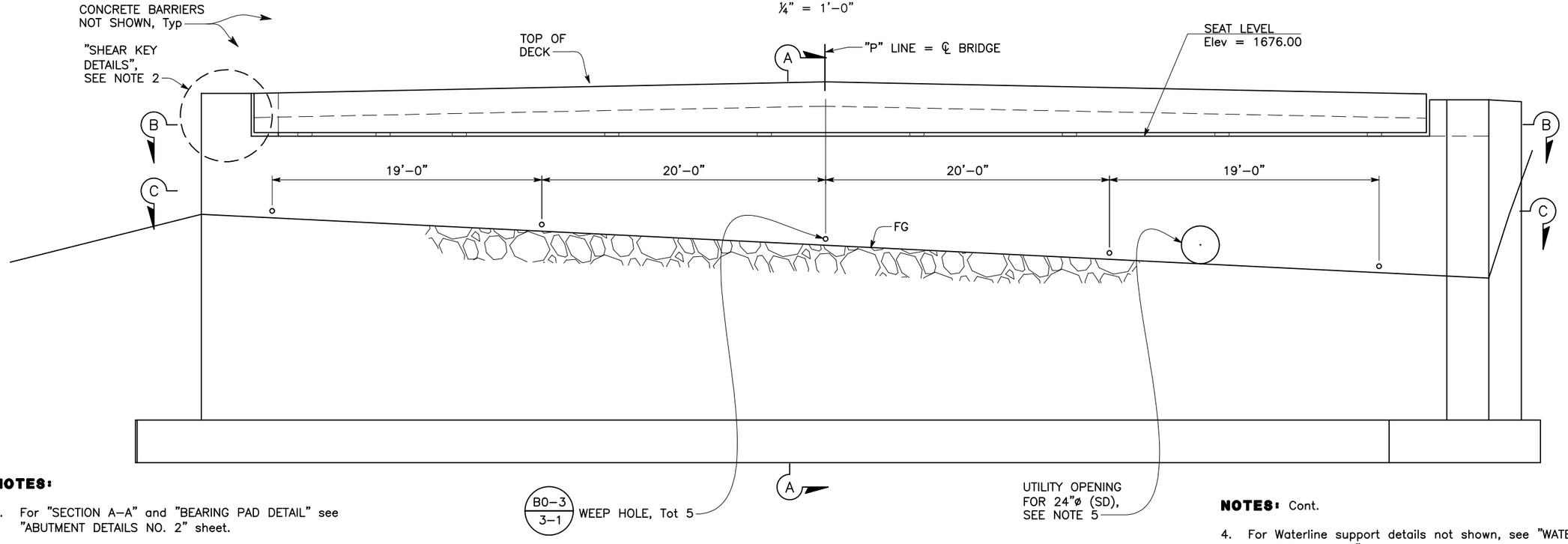
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PLAN

¼" = 1'-0"



ELEVATION

¼" = 1'-0"

NOTES:

1. For "SECTION A–A" and "BEARING PAD DETAIL" see "ABUTMENT DETAILS NO. 2" sheet.
2. For "SECTION B–B" and "SHEAR KEY DETAILS" see "ABUTMENT DETAILS NO. 3" sheet.
3. For "SECTION C–C", see "ABUTMENT DETAILS NO. 4" sheet.

NOTES: Cont.

4. For Waterline support details not shown, see "WATERLINE SUPPORT DETAILS" sheet.
5. For storm drain opening details, see Abutment Opening Reinforcement detail on "ABUTMENT DETAILS No. 8" sheet.

ST-6

NO. REVISION DESCRIPTION CHECKED BY DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

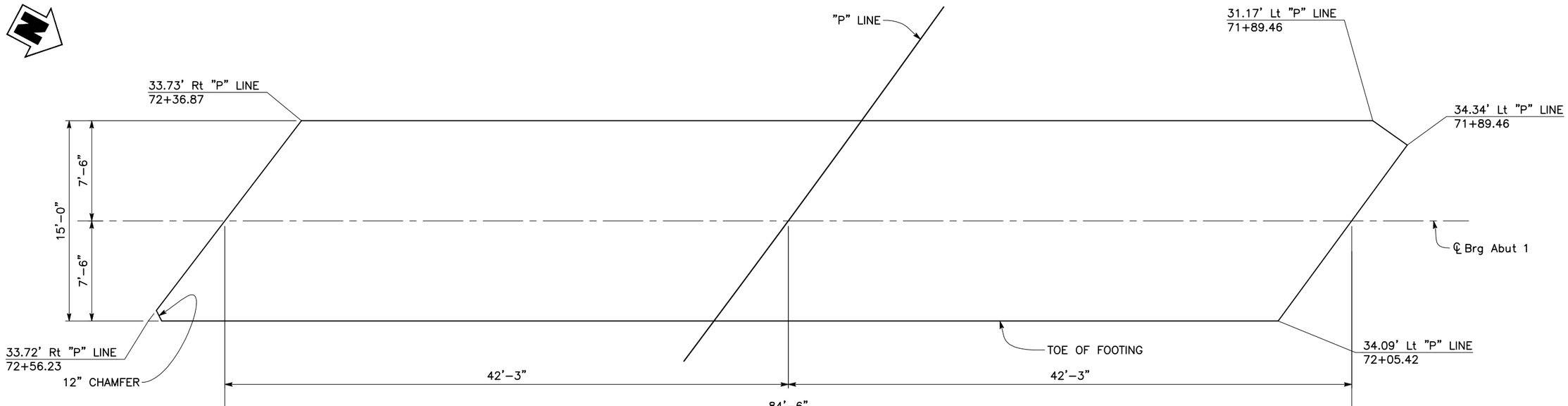
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
ABUTMENT 4 LAYOUT
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. OSHEROV
DESIGNER: K. KAWAGOE
REVIEWER: R. ROE

PROJECT NO.
CIP # 41410
SHEET NO. S06 OF S36

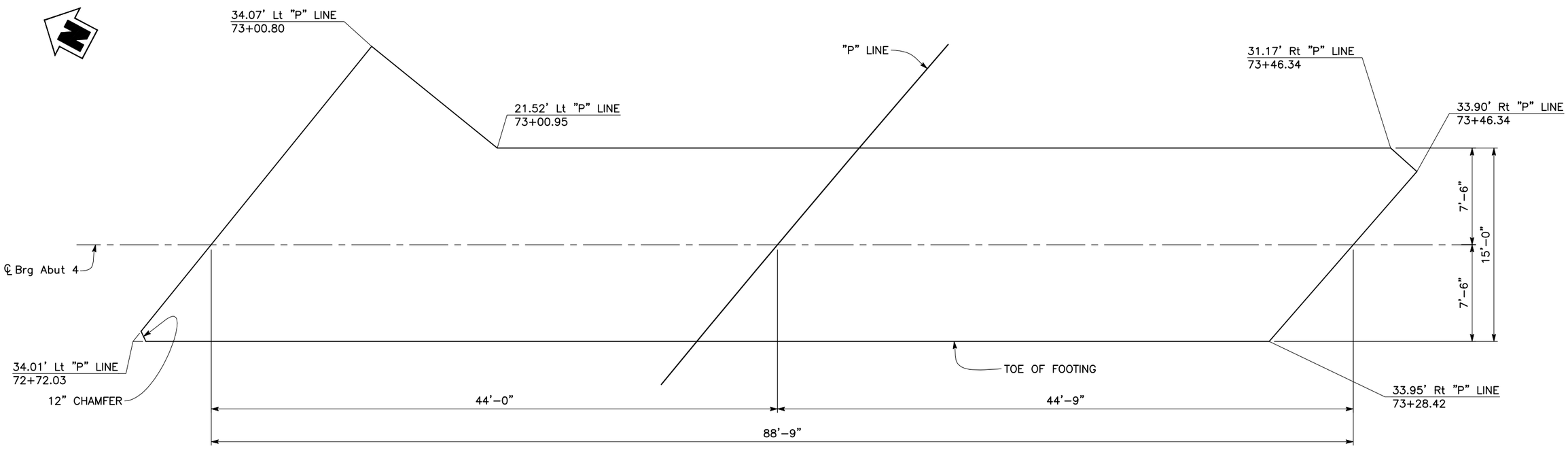
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ABUTMENT 1 FOOTING PLAN

¼" = 1'-0"



ABUTMENT 4 FOOTING PLAN

¼" = 1'-0"

ST-7

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

ABUTMENT DETAILS NO. 1

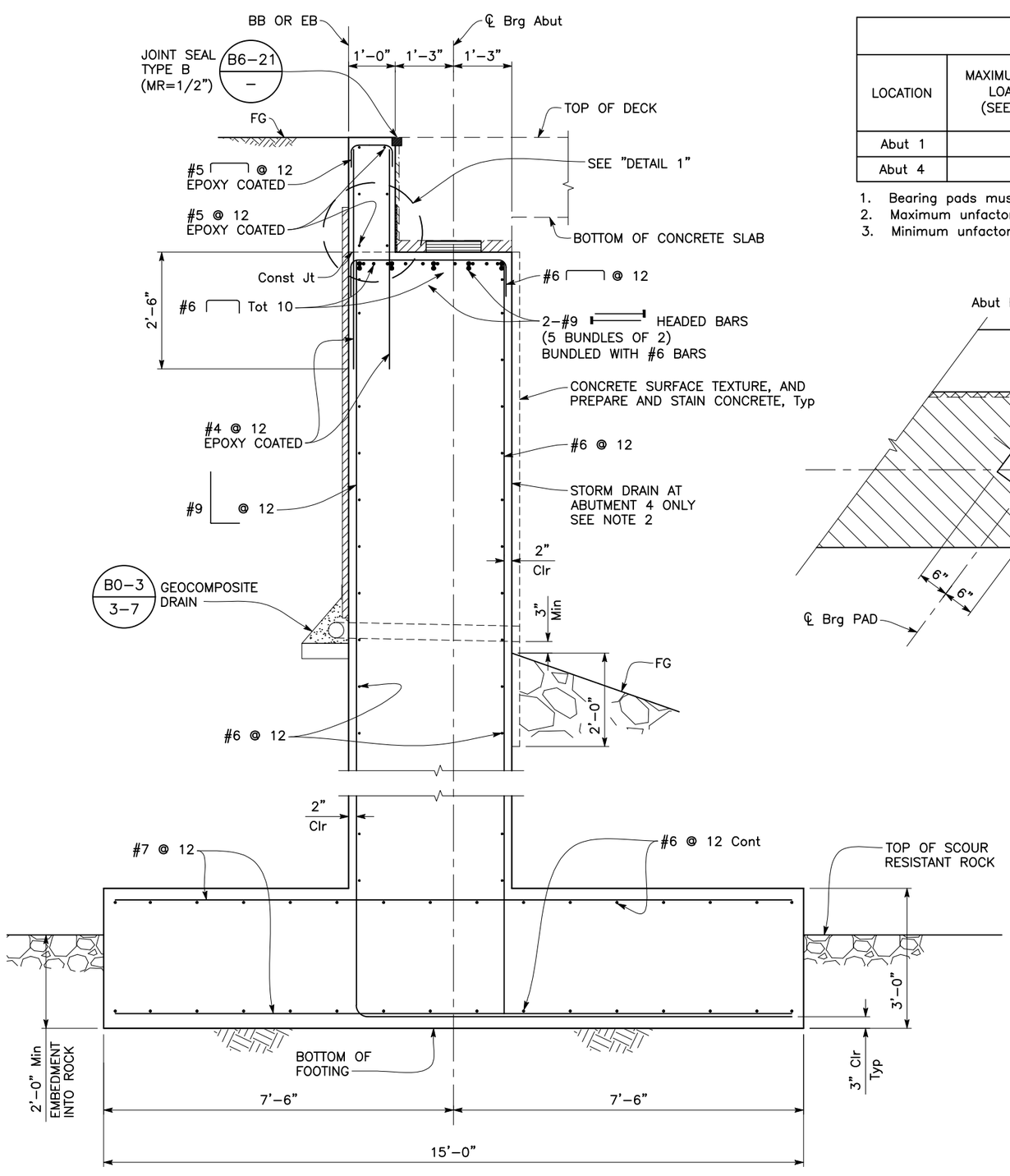
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE 11/14/2025
DRAFTER E. CISNEROS
DESIGNER K. KAWAGOE
REVIEWER R. RUIZ

PROJECT NO.
CIP # 41410
SHEET NO. S07 OF S36

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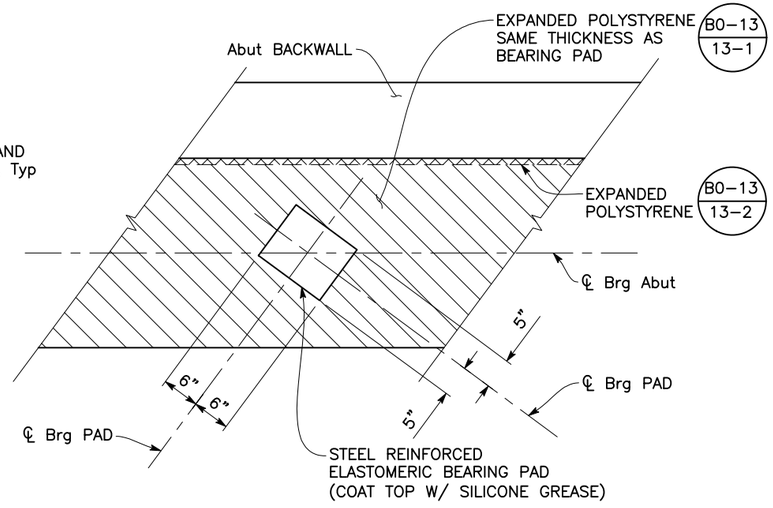


SECTION A-A

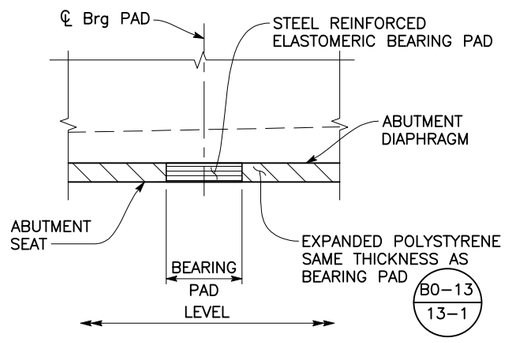
½" = 1'–0"

STEEL REINFORCED BEARING TABLE								
LOCATION	MAXIMUM VERTICAL LOAD (kips) (SEE NOTE 2)	MAXIMUM VERTICAL LOAD (kips) (SEE NOTE 3)	MAXIMUM HORIZONTAL DISPLACEMENT (in)	B (in)	L (in)	ELASTOMER ONLY THICKNESS Tr (in)	TOTAL BEARING THICKNESS (in)	SLIDING YES/NO
Abut 1	59.3	36.5	0.38	12	10	XX	XX	YES
Abut 4	59.3	36.5	0.38	12	10	XX	XX	YES

1. Bearing pads must be set level
2. Maximum unfactored vertical load per bearing.
3. Minimum unfactored vertical load per bearing.



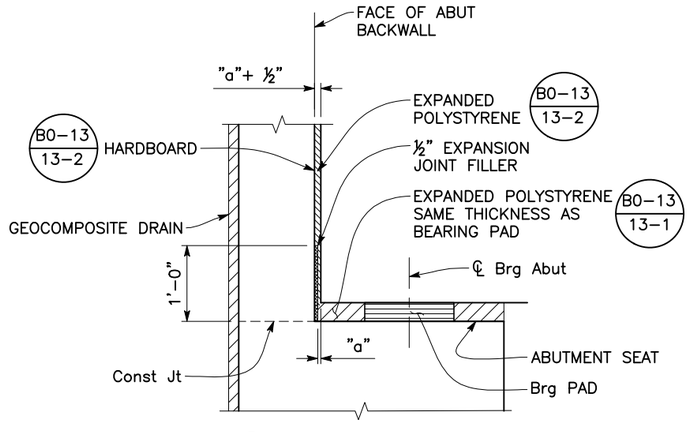
PLAN



ELEVATION

BEARING PAD DETAILS

1" = 1'–0"



FOR "a" DIMENSION, SEE B6–21 –

DETAIL 1

1" = 1'–0"

NOTES:

1. For "WEEP HOLE AND GEOCOMPOSITE DRAIN DETAIL", see "ABUTMENT DETAILS NO. 8" sheet.
2. For storm drain opening details, see Abutment Opening Reinforcement detail on "ABUTMENT DETAILS No. 8" sheet.

ST-8

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

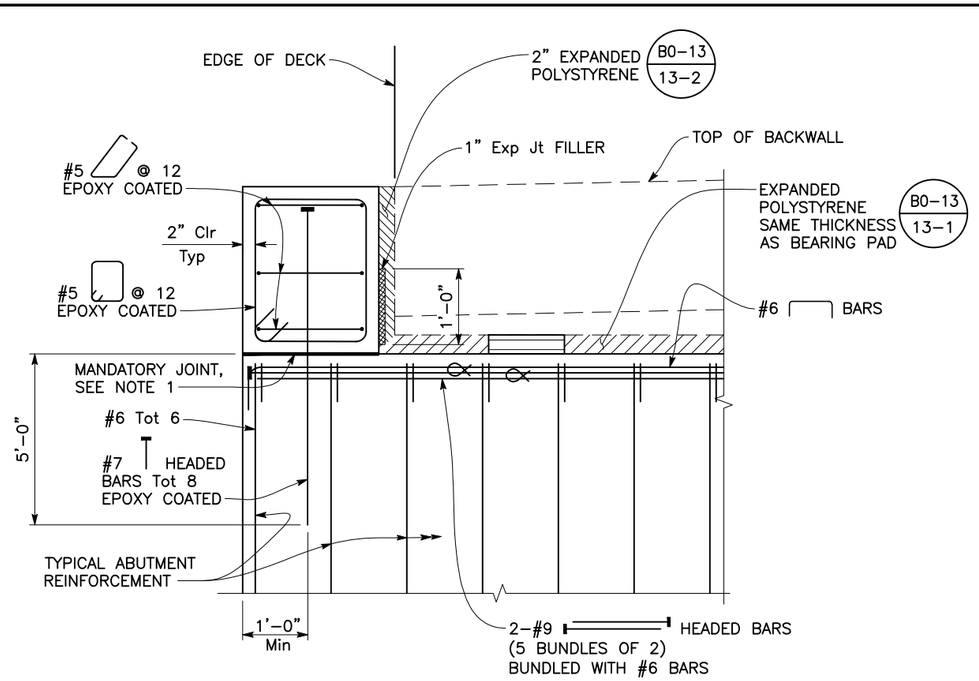
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
ABUTMENT DETAILS NO. 2
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAWAKAMI
REVIEWER: R. RAY

PROJECT NO.
CIP # 41410
SHEET NO. S08 OF S36

100% SUBMITTAL, NOT FOR CONSTRUCTION

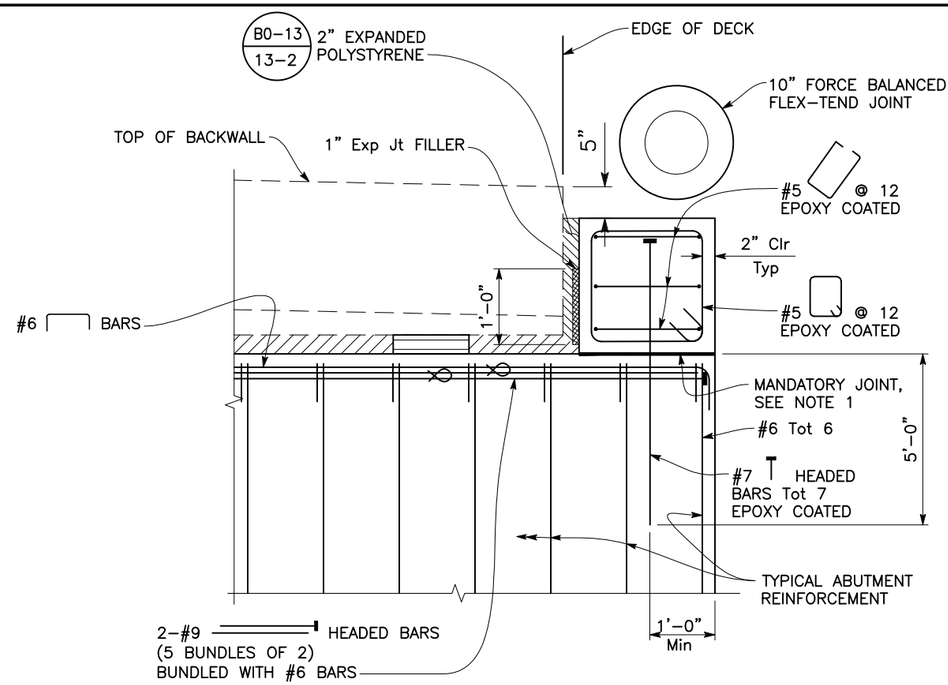
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LEFT SHEAR KEY DETAIL

1" = 1'-0"

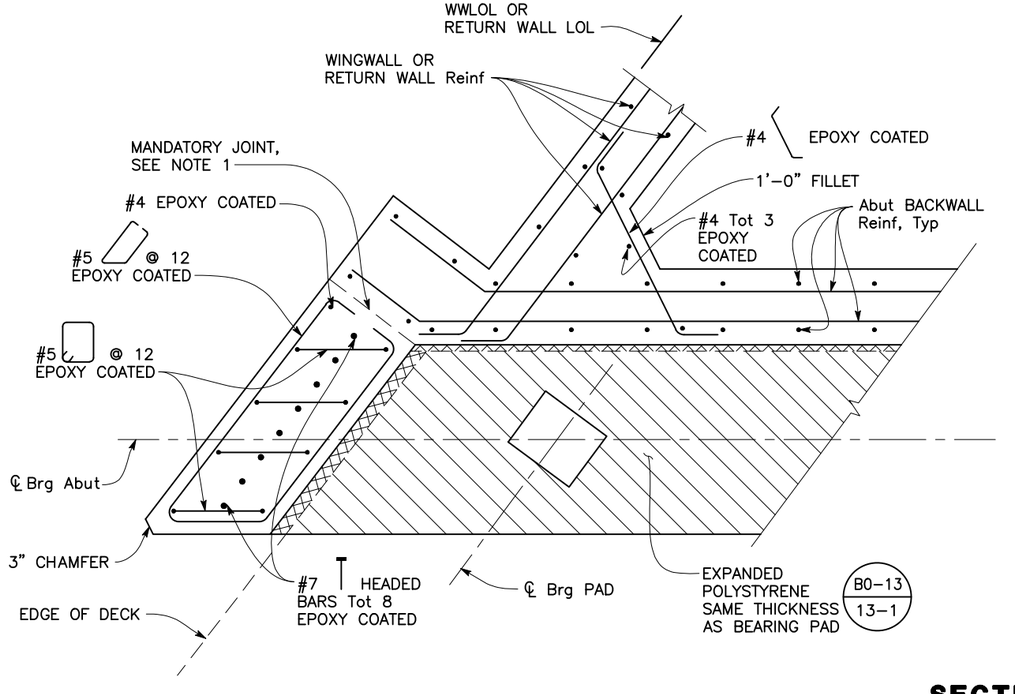
ABUTMENT 4 LEFT SHEAR KEY SHOWN, ABUTMENT 1 RIGHT SHEAR KEY SIMILAR

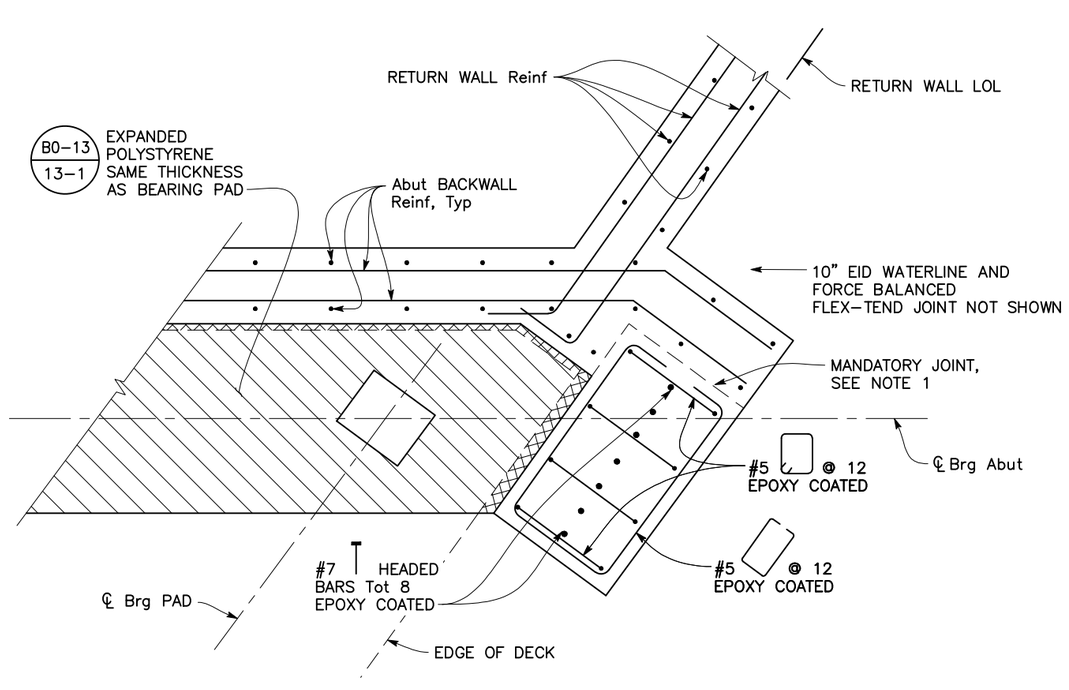


RIGHT SHEAR KEY DETAIL

1" = 1'-0"

ABUTMENT 4 RIGHT SHEAR KEY SHOWN, ABUTMENT 1 LEFT SHEAR KEY SIMILAR





SECTION B-B

1" = 1'-0"

ABUTMENT 1 SECTION B-B SHOWN, ABUTMENT 4 SECTION B-B SIMILAR

NOTES:

1. Mandatory joint surface with stem seat and backwall shall be trowel-finished smooth and lined with 15 pound construction paper.
2. For "SECTION C-C", see "ABUTMENT DETAILS NO. 4" sheet.

LEGEND:

∝ Indicates Bundled Bars

ST-9

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

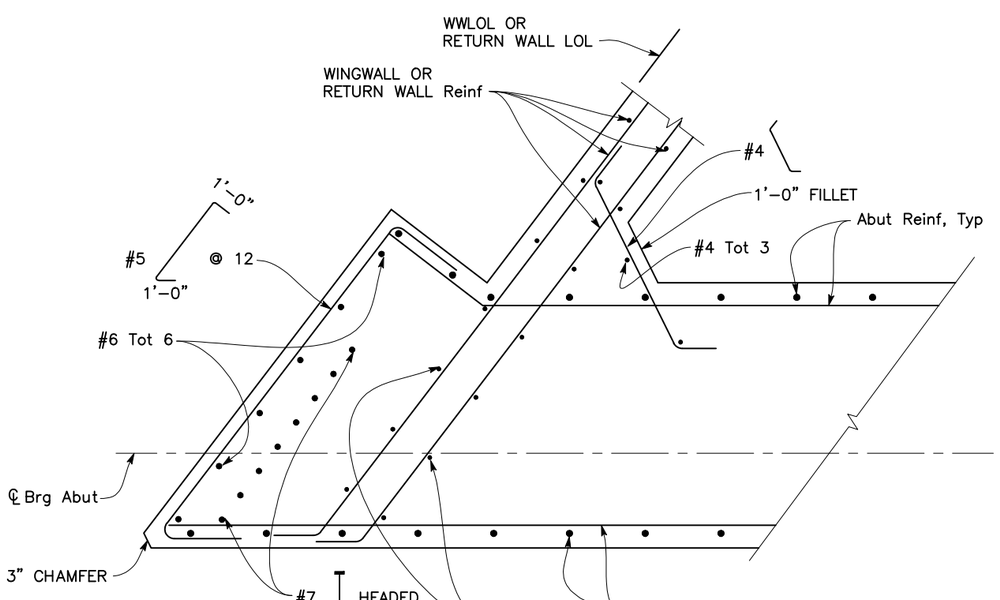
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
ABUTMENT DETAILS NO. 3
CITY OF PLACERVILLE CALIFORNIA

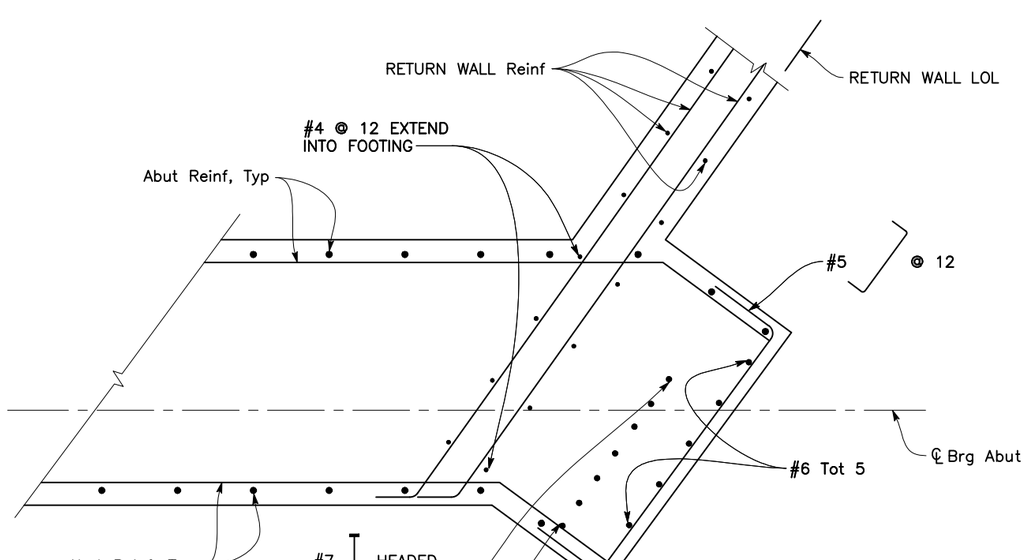
DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAWAKAMI
REVIEWER: R. ROE

PROJECT NO.
CIP # 41410
SHEET NO. S09 OF S36

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SECTION C-C

1" = 1'-0"

ABUTMENT 1 SECTION C-C SHOWN, ABUTMENT 4 SECTION C-C SIMILAR

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

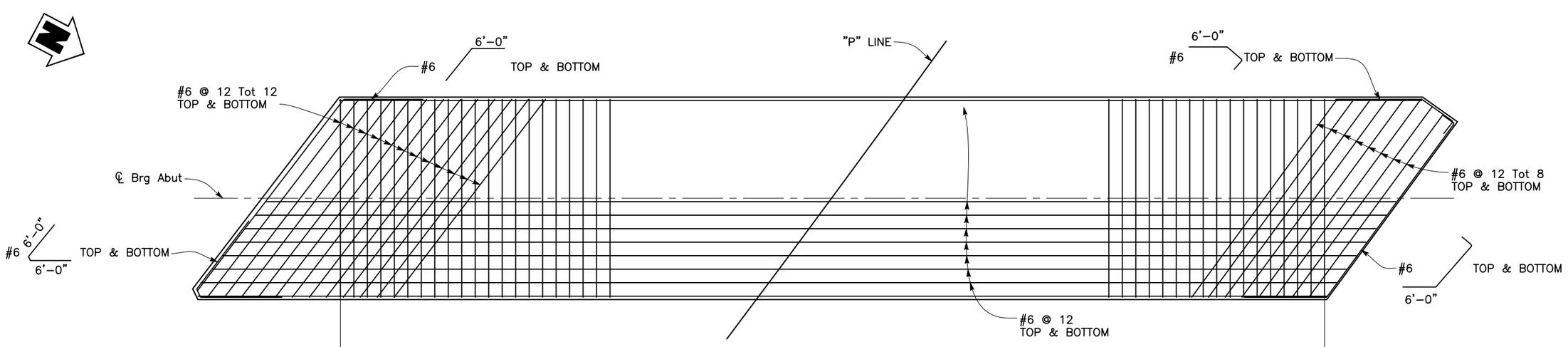
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
ABUTMENT DETAILS NO. 4
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CASTANEDA
DESIGNER: K. KAWAMATA
REVIEWER: R. BOE

PROJECT NO.
CIP # 41410
SHEET NO. S10 OF S36

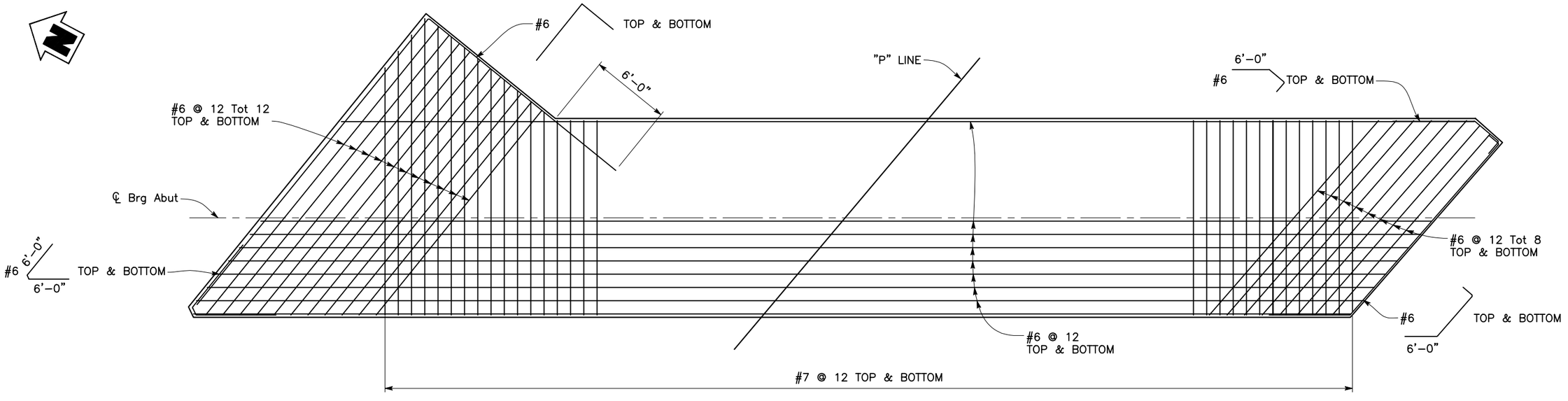
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ABUTMENT 1 FOOTING REINFORCEMENT

¼" = 1'–0"



ABUTMENT 4 FOOTING REINFORCEMENT

¼" = 1'–0"

ST-11

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

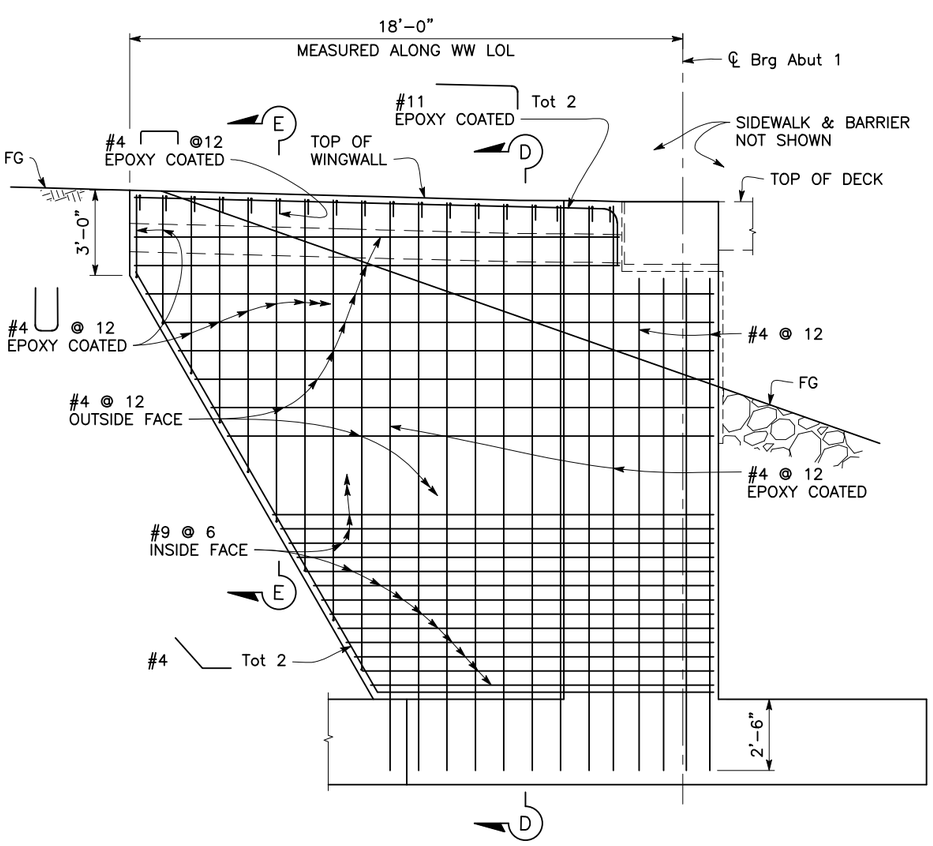
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
ABUTMENT DETAILS NO. 5
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAWAKAMI
REVIEWER: R. ANG

PROJECT NO.
CIP # 41410
SHEET NO. S11 OF S36

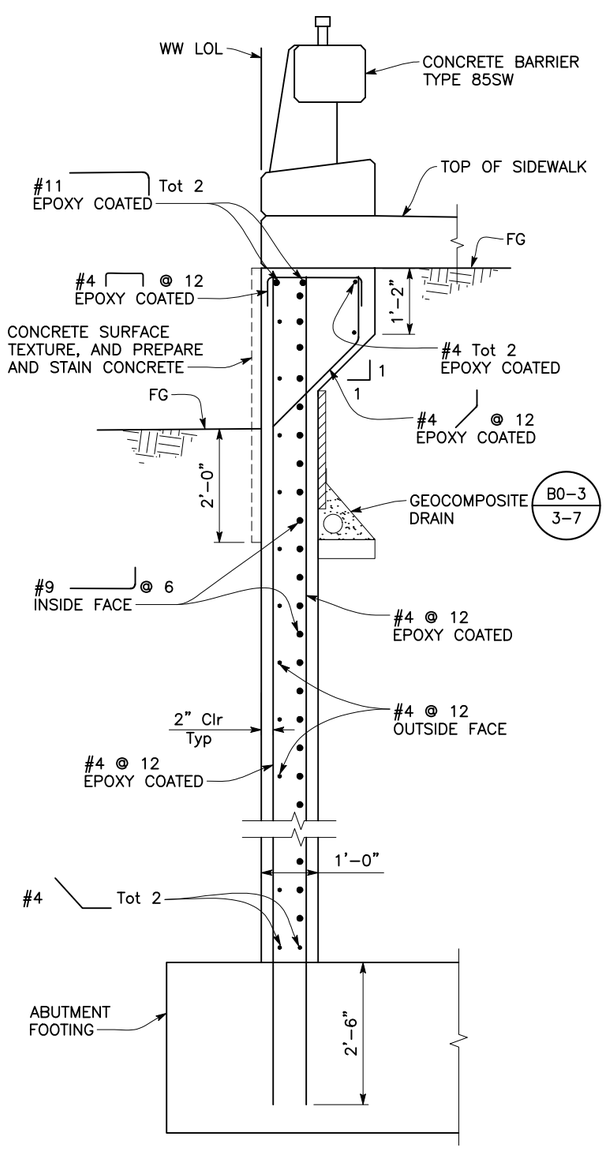
100% SUBMITTAL, NOT FOR CONSTRUCTION

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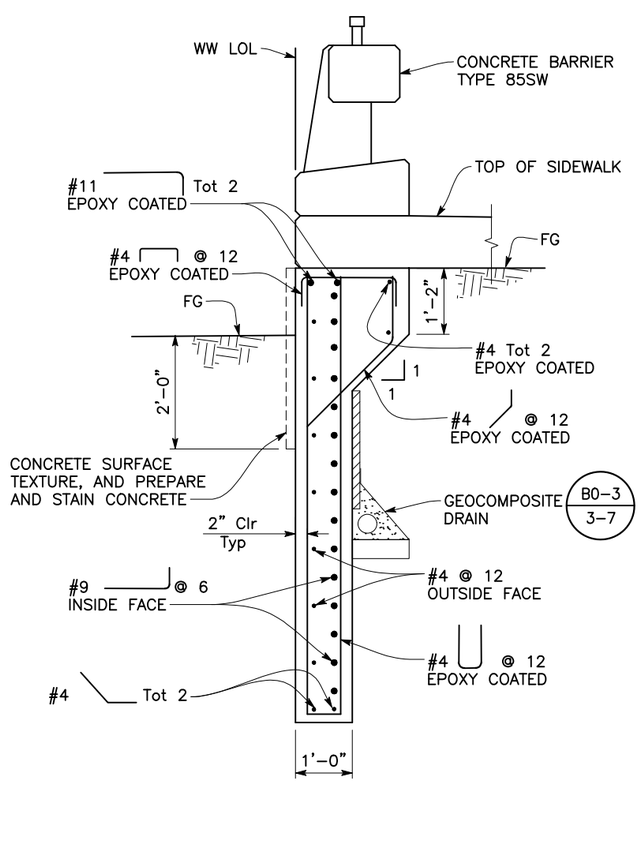
WINGWALL ELEVATION

3/8" = 1'-0"



SECTION D-D

3/4" = 1'-0"



SECTION E-E

3/4" = 1'-0"

NOTE:

1. For Wingwall information not shown, see "ABUTMENT 1 LAYOUT" sheet.

NO	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
1060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
ABUTMENT DETAILS NO. 6
CITY OF PLACERVILLE CALIFORNIA

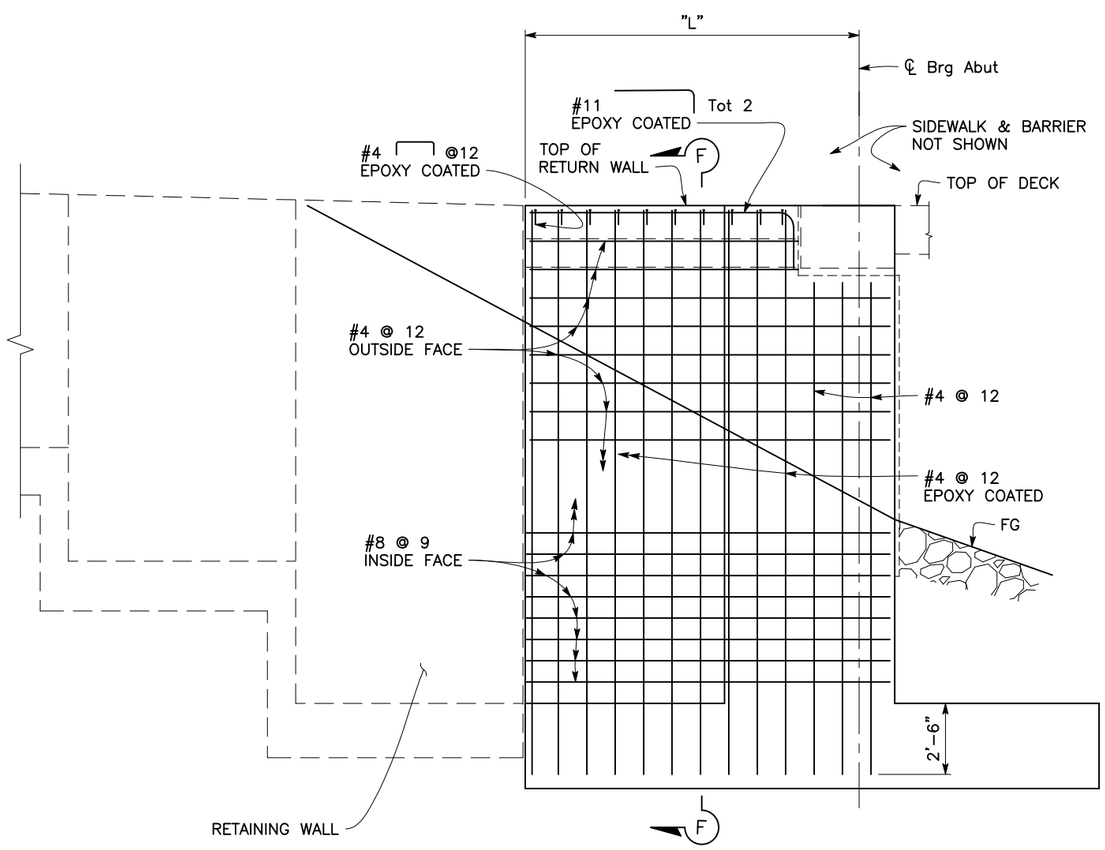
DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CASTANEDA
DESIGNER: K. KAMWAZU
REVIEWER: R. RUIZ

PROJECT NO.
CIP # 41410
SHEET NO. S12 OF S36

ST-12

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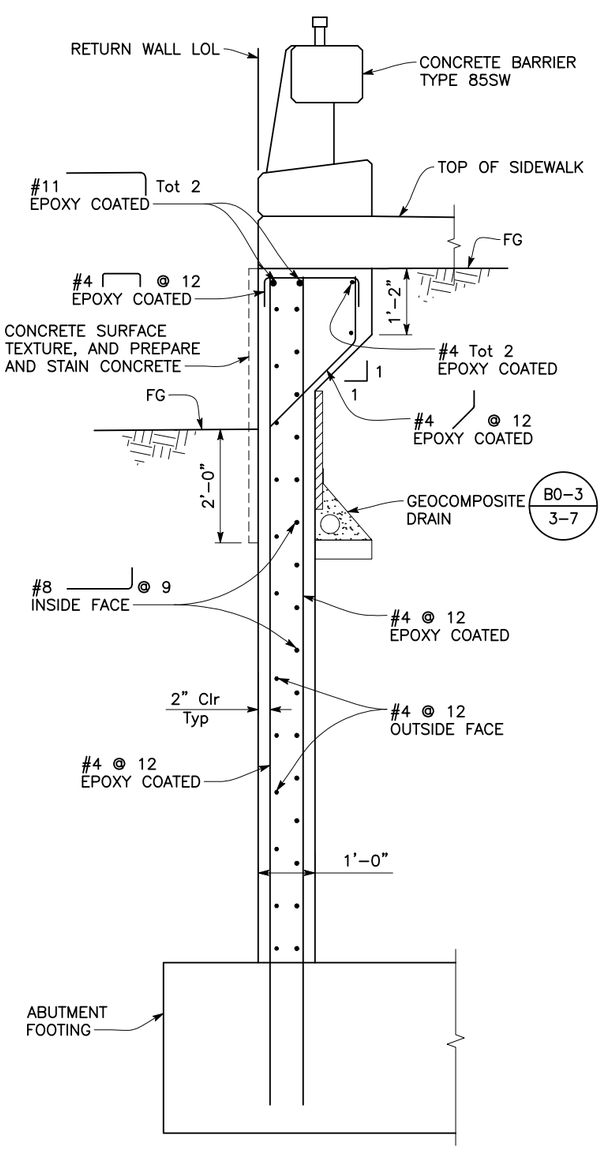


TYPICAL RETURN WALL ELEVATION

3/8" = 1'-0"

RETURN WALL 2 SHOWN, RETURN WALLS 3 & 4 SIMILAR

RETURN WALL LENGTH (MEASURED ALONG RETURN WALL LOL)	
LOCATION	L
RETURN WALL 2	8'-6"
RETURN WALL 3	18'-6"
RETURN WALL 4	9'-1¼"



SECTION F-F

¾" = 1'-0"

NOTE:

1. For Return Wall information not shown, see "ABUTMENT 1 LAYOUT" and "ABUTMENT 4 LAYOUT" sheets.

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
ABUTMENT DETAILS NO. 7
CITY OF PLACERVILLE CALIFORNIA

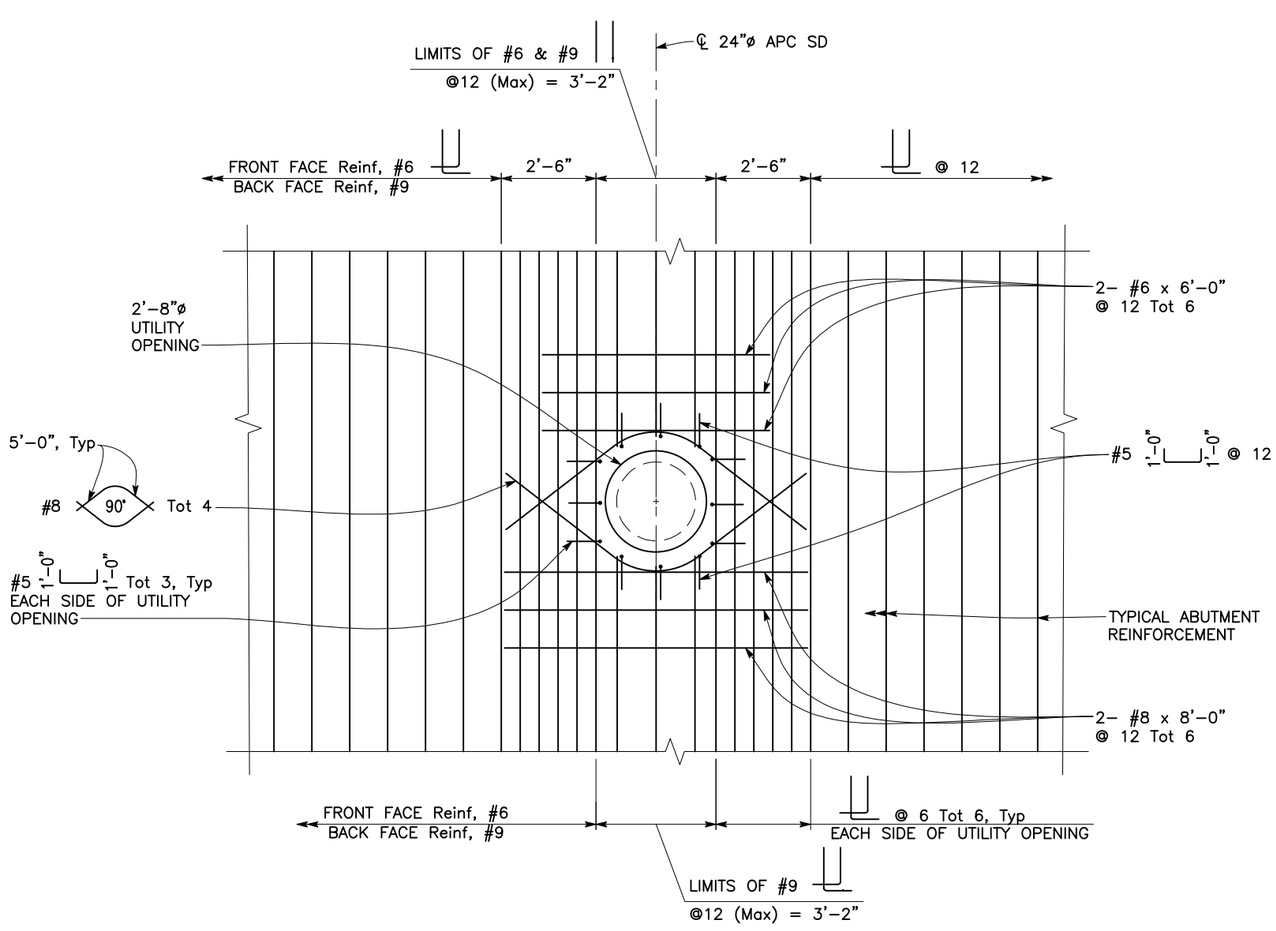
DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CASTANEDA
DESIGNER: K. KAMYAR
REVIEWER: R. RUIZ

PROJECT NO.
CIP # 41410
SHEET NO. S13 OF S36

ST-13

100% SUBMITTAL, NOT FOR CONSTRUCTION

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ABUTMENT OPENING REINFORCEMENT

½" = 1'-0"

ST-14

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

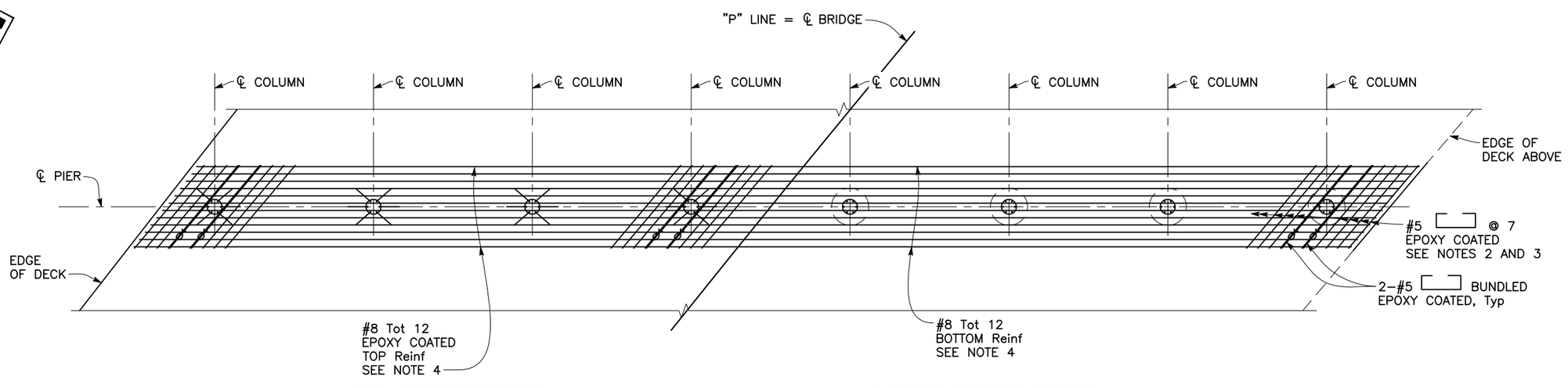
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
ABUTMENT DETAILS NO. 8
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAWAKAMI
REVIEWER: R. RATZ

PROJECT NO.
CIP # 41410
SHEET NO. S14 OF S36

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TOP REINFORCEMENT

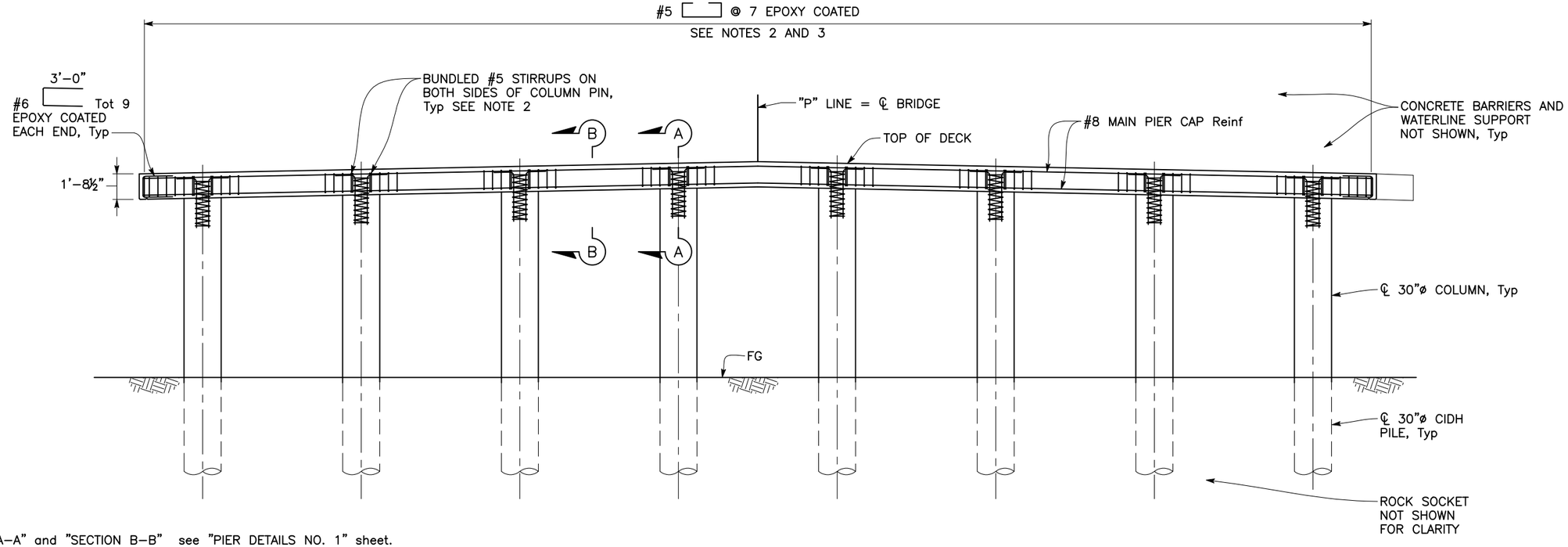
BOTTOM REINFORCEMENT

PLAN

A62C

¼" = 1'–0"

PIER 2 SHOWN, PIER 3 SIMILAR



ELEVATION

¼" = 1'–0"

PIER 2 SHOWN, PIER 3 SIMILAR

NOTES:

1. For "SECTION A–A" and "SECTION B–B" see "PIER DETAILS NO. 1" sheet.
2. Adjust bottom pier cap reinforcement around column pins as needed. Bundle 2–#5 stirrups on both sides of column pin, typical at all column pin locations.
3. Place stirrups parallel to ℄ Bridge.
4. No Lap splices allowed in the top and bottom pier cap reinforcement. Place main cap reinforcement parallel to ℄ Pier.

LEGEND:

∝ Indicates Bundled Bars

ST-15

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

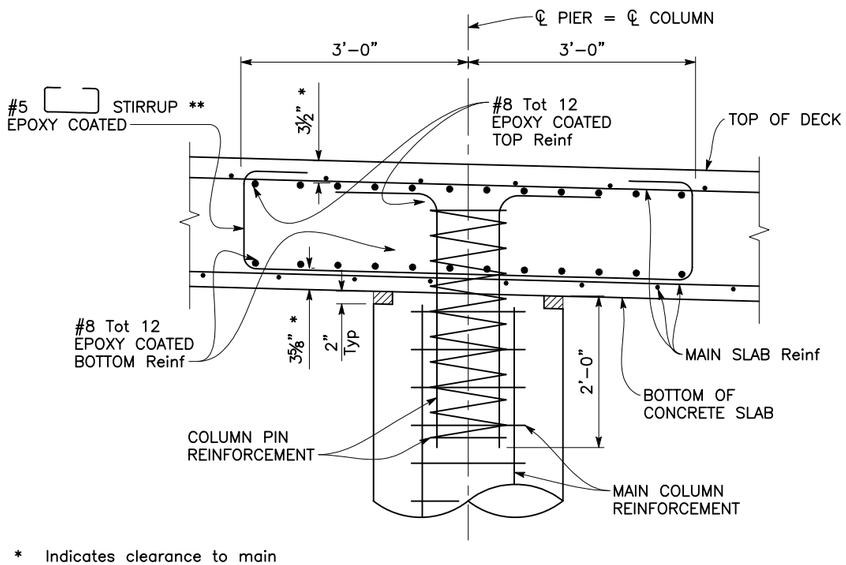
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
PIER LAYOUT
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAWAMOTO
REVIEWER: R. ROY

PROJECT NO.
CIP # 41410
SHEET NO. S15 OF S36

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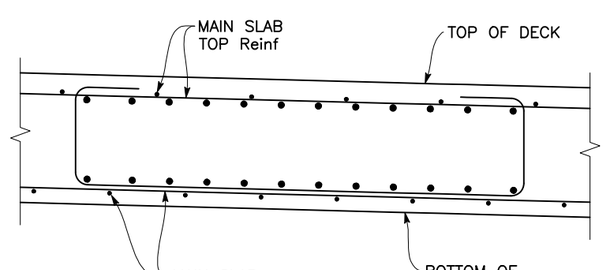


* Indicates clearance to main cap reinforcement

** See Notes 1 & 2

SECTION A-A

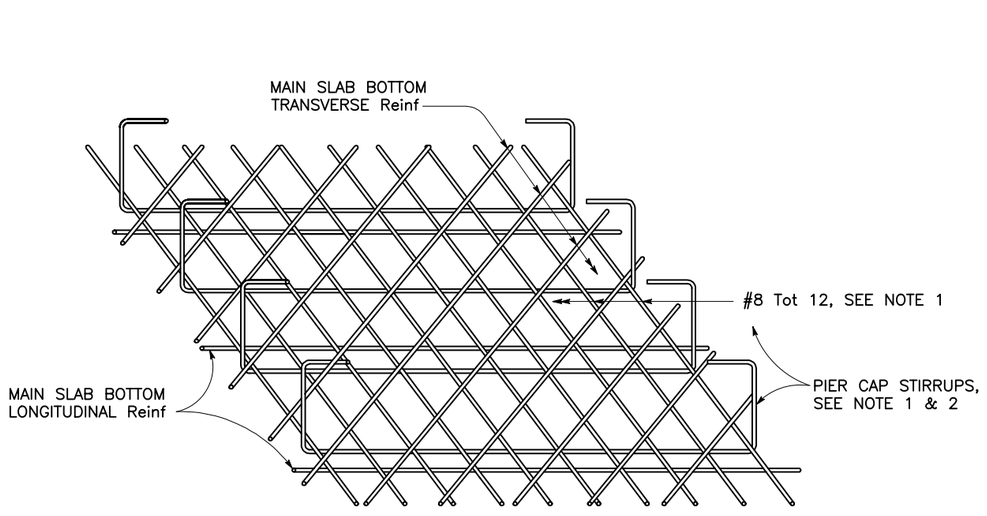
1" = 1'–0"



SECTION B-B

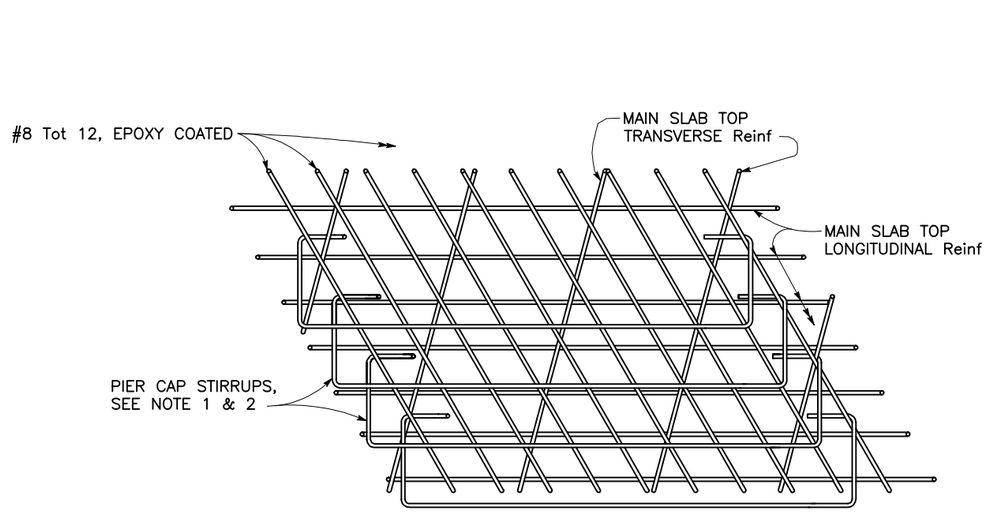
1" = 1'–0"

FOR DETAILS NOT SHOWN, SEE SECTION A–A



BOTTOM SLAB REINFORCEMENT AT PIER

1" = 1'–0"



TOP SLAB REINFORCEMENT AT PIER

1" = 1'–0"

NOTES:

1. Adjust bottom pier cap reinforcement around column pins as needed. Bundle 2–#5 stirrups on both sides of column pin, typical at all column pin locations. See "PIER LAYOUT" sheet.
2. Place stirrups parallel to ℄ Bridge.

ST-16

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

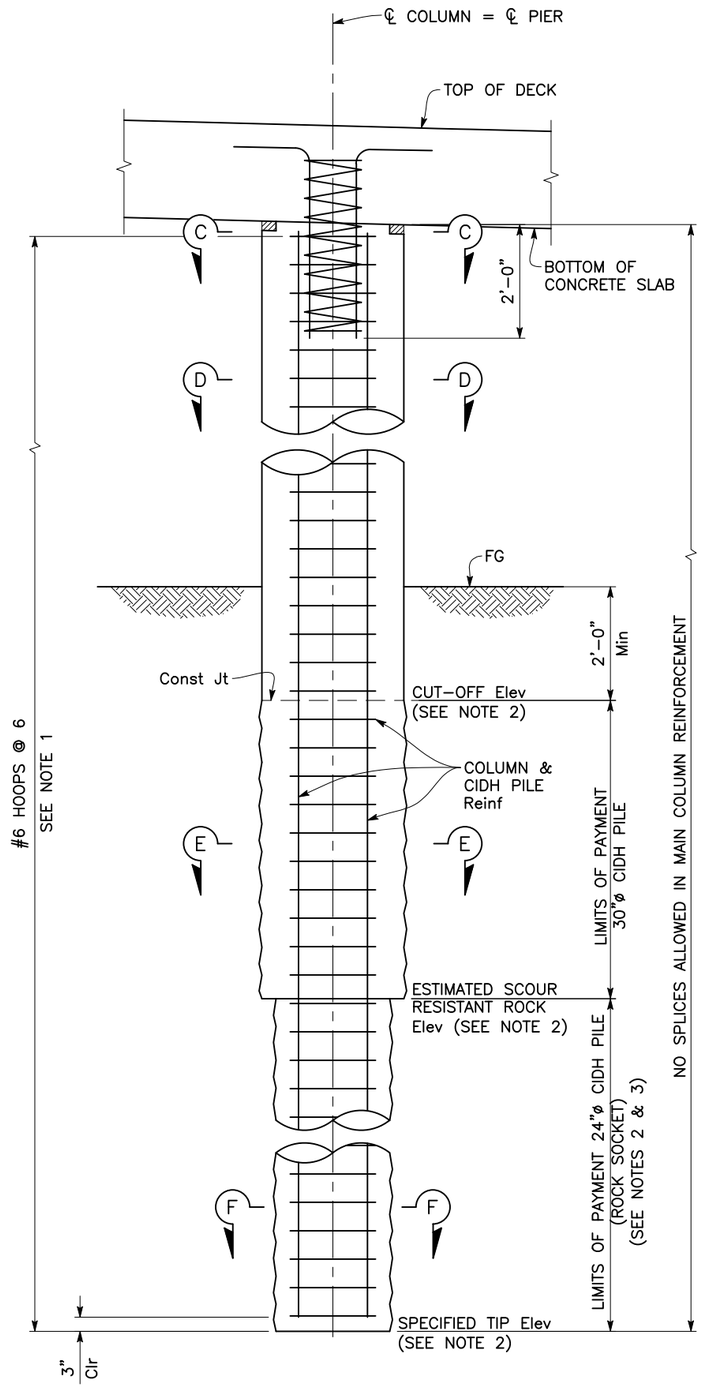
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
PIER DETAILS NO. 1
CALIFORNIA
CITY OF PLACERVILLE

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CASTANEDA
DESIGNER: K. KAWAMATA
REVIEWER: R. RUIZ

PROJECT NO.
CIP # 41410
SHEET NO. S16 OF S36

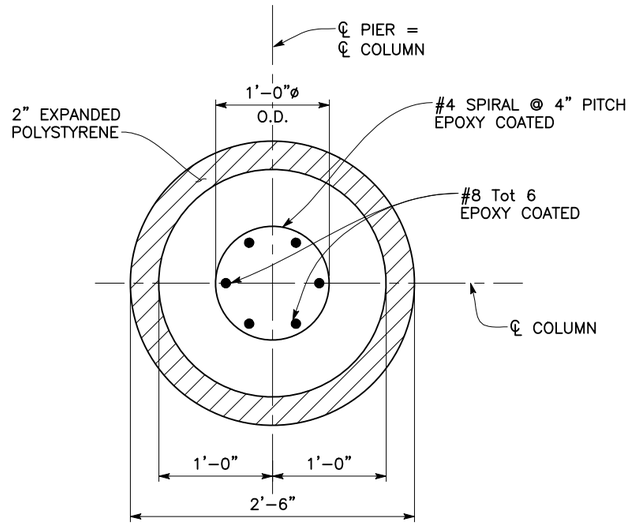
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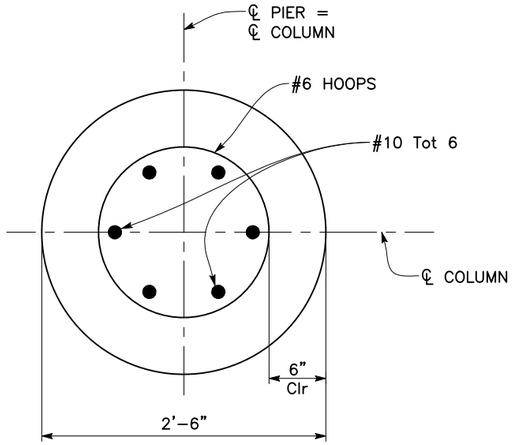
PIER COLUMN ELEVATION

¾" = 1'–0"



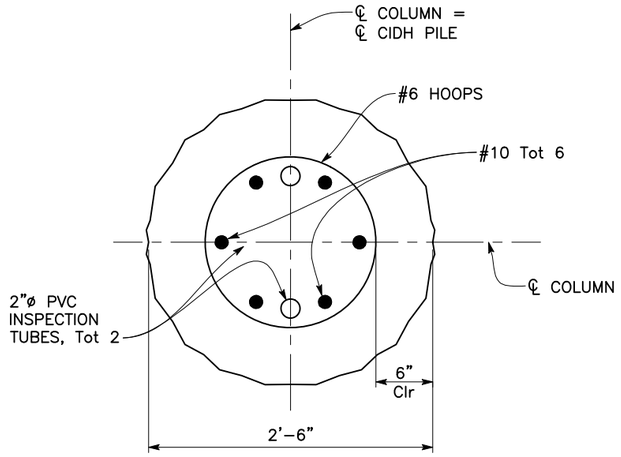
SECTION C-C

1½" = 1'–0"



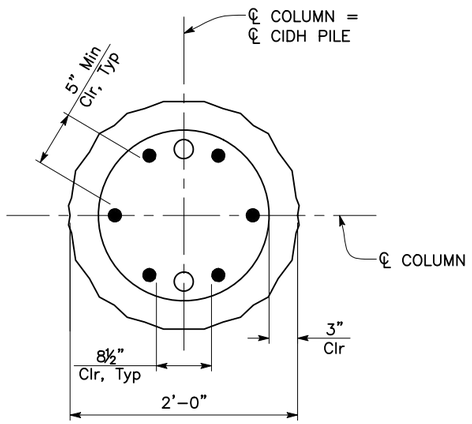
SECTION D-D

1½" = 1'–0"



SECTION E-E

1½" = 1'–0"



SECTION F-F

1½" = 1'–0"

NOTES:

1. All Hoops are ultimate butt spliced continuous.
2. For Specified Tip, Estimated Scour Resistant Rock, and Pile Cut–Off Elevations, see "PILE DATE TABLE" on "FOUNDATION PLAN" sheet.
3. Pile tip elevation must be 12 ft min below scour resistant rock elevation at pier foundations.

ST-17

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

PIER DETAILS NO. 2

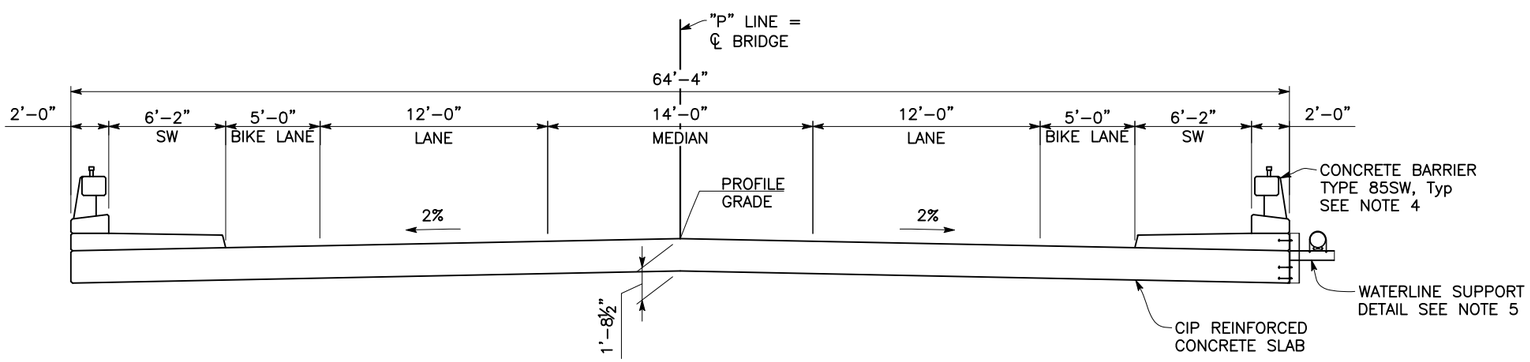
CITY OF PLACERVILLE **CALIFORNIA**

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAWAGOE
REVIEWER: R. [illegible]

PROJECT NO.
CIP # 41410
SHEET NO. **S17** OF **S36**

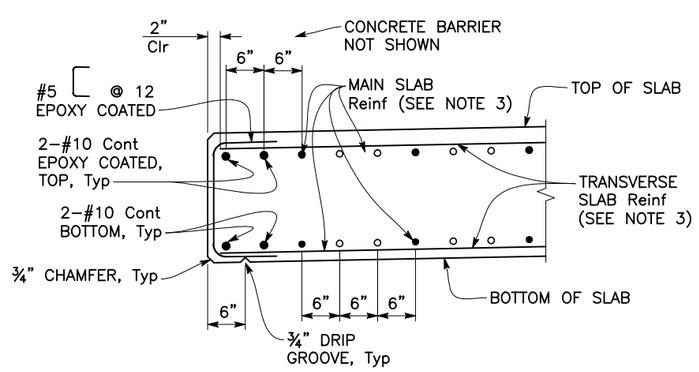
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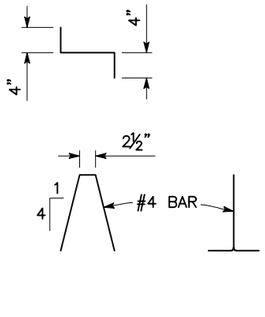
TYPICAL SECTION

¼" = 1'–0"



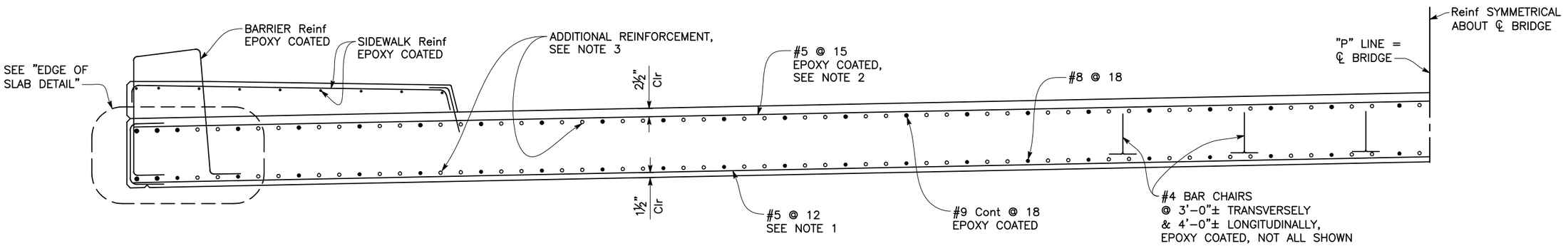
EDGE OF SLAB DETAIL

1" = 1'–0"



BAR CHAIR DETAIL

1" = 1'–0"



PART TYPICAL SECTION

¾" = 1'–0"

NOTES:

1. Transverse reinforcement must be placed perpendicular to and measured along "P" Line.
2. For additional slab reinforcement, see "SLAB DETAILS No. 1 and "SLAB DETAILS No. 2" sheets.
3. All reinforcement within the top 12" of the top of deck must be epoxy coated.
4. For Concrete Barrier Type 85SW details, see "CONCRETE BARRIER TYPE 85SW DETAILS NO. 1, NO. 2, NO. 3 and NO. 4" sheets.
5. For Waterline support details, see "WATERLINE SUPPORT DETAILS" sheet.

LEGEND:

∘ Indicates additional slab reinforcement

ST-18

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

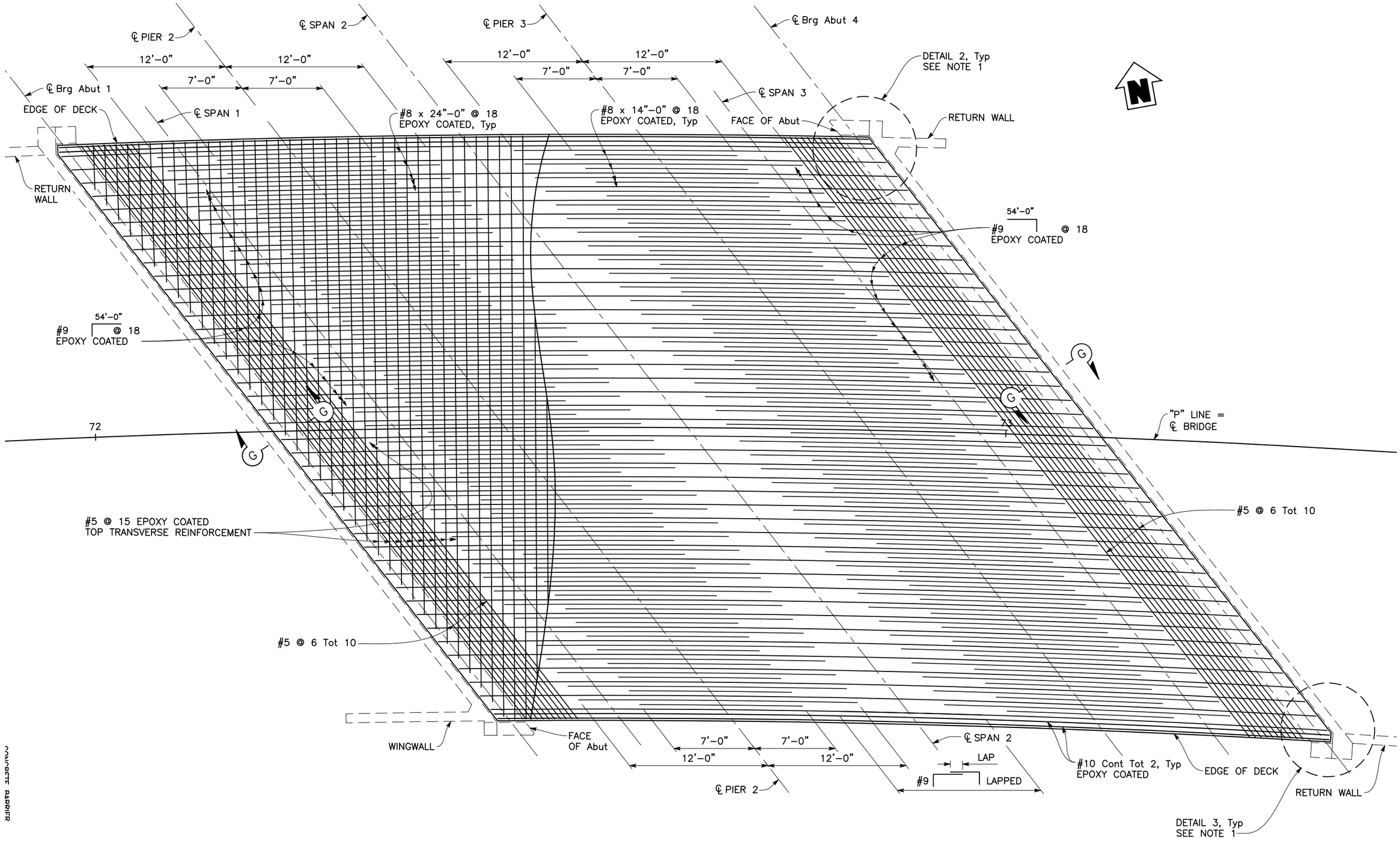
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
TYPICAL SECTION
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAWAKAMI
REVIEWER: R. ROE

PROJECT NO.
CIP # 41410
SHEET NO. S18 OF S36

100% SUBMITTAL, NOT FOR CONSTRUCTION

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TOP SLAB REINFORCEMENT

1" = 5'

NOTES:

1. For "SECTION G–G", "DETAIL 2" and "DETAIL 3", see "SLAB DETAILS No. 3" sheet.

ST-19

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

CITY OF PLACERVILLE MANAGED BY

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

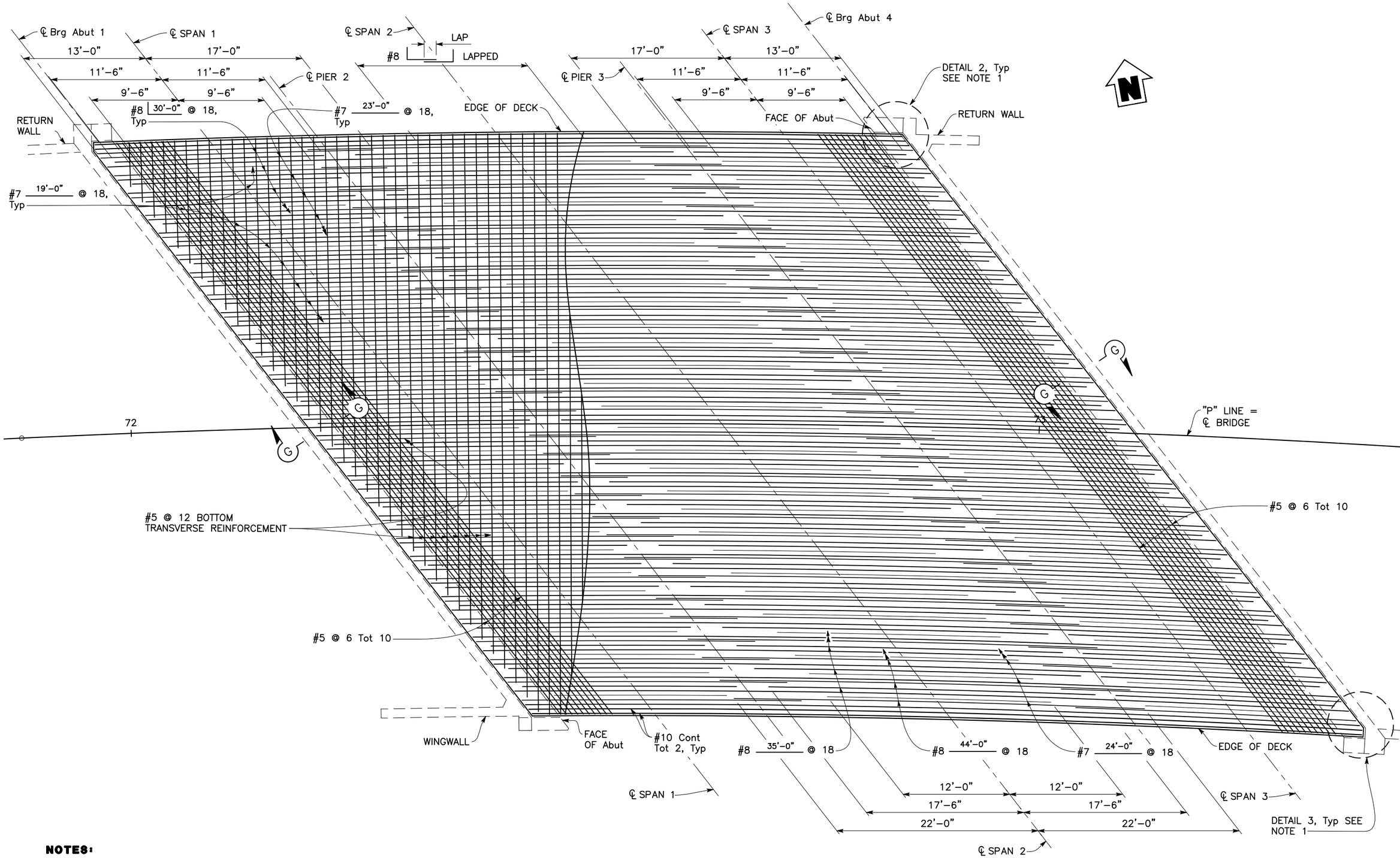
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
SLAB DETAILS NO. 1
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CASTANEDA
DESIGNER: K. KAMYAR
REVIEWER: R. RUIZ

PROJECT NO.
CIP # 41410
SHEET NO. S19 OF S36

100% SUBMITTAL, NOT FOR CONSTRUCTION

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FABRIGETT PLOTTER



NOTES:

1. For "SECTION G–G", "DETAIL 2" and "DETAIL 3", see "SLAB DETAILS No. 3" sheet.

BOTTOM SLAB REINFORCEMENT

1" = 5'

ST-20

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

CITY OF PLACERVILLE

Dewberry
11080 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

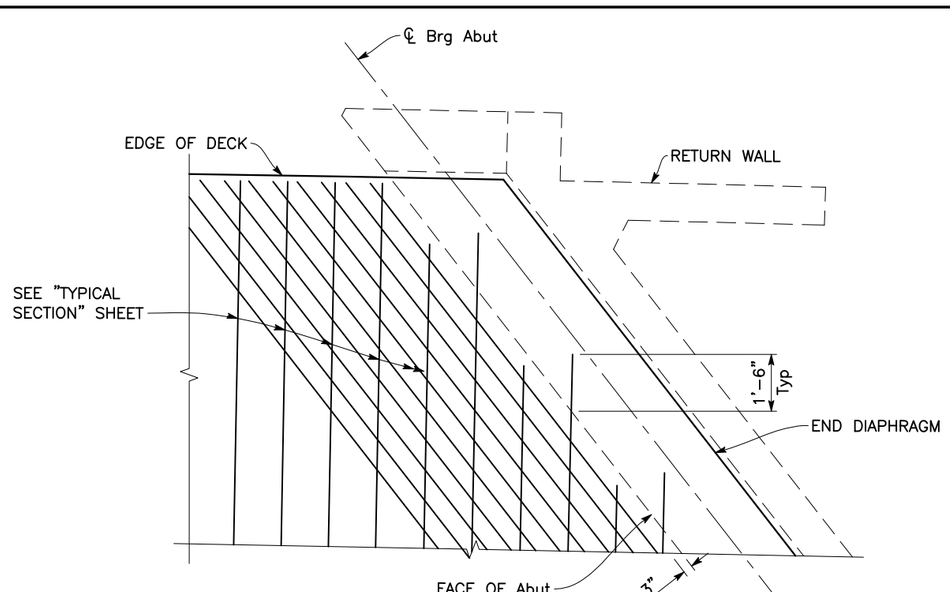
SLAB DETAILS NO. 2
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAWAKAMI
REVIEWER: J. SUN

PROJECT NO.
CIP # 41410
SHEET NO. S20 OF S36

100% SUBMITTAL, NOT FOR CONSTRUCTION

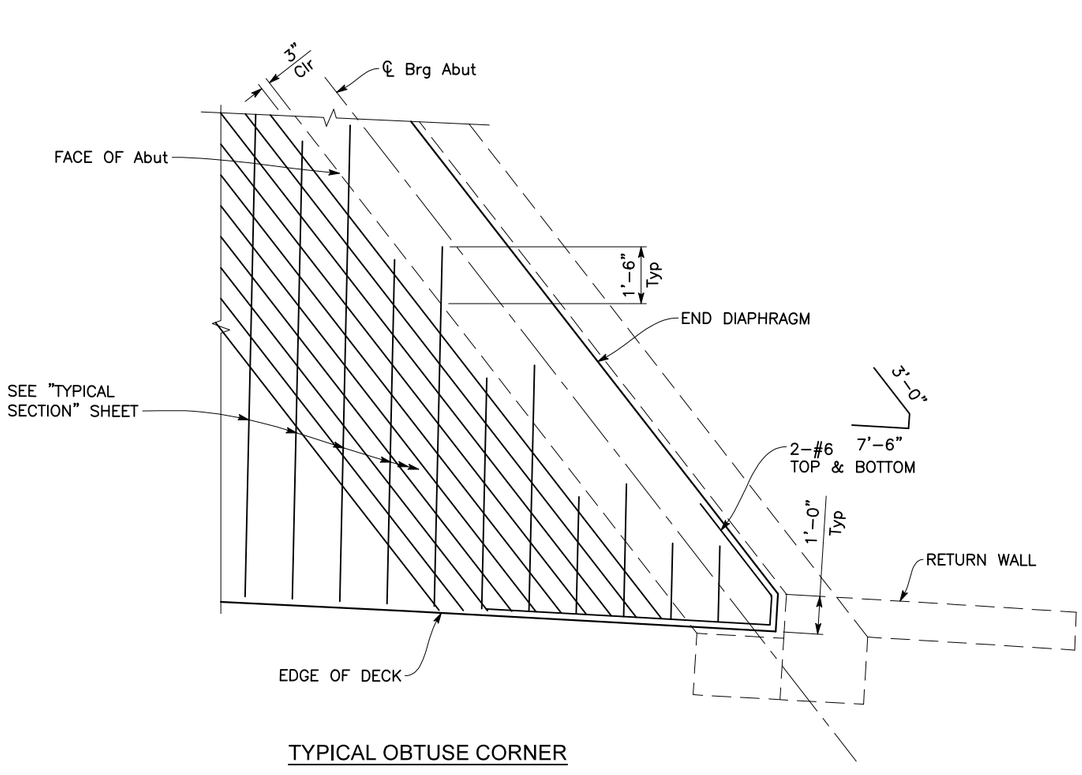
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TYPICAL ACUTE CORNER

DETAIL 2

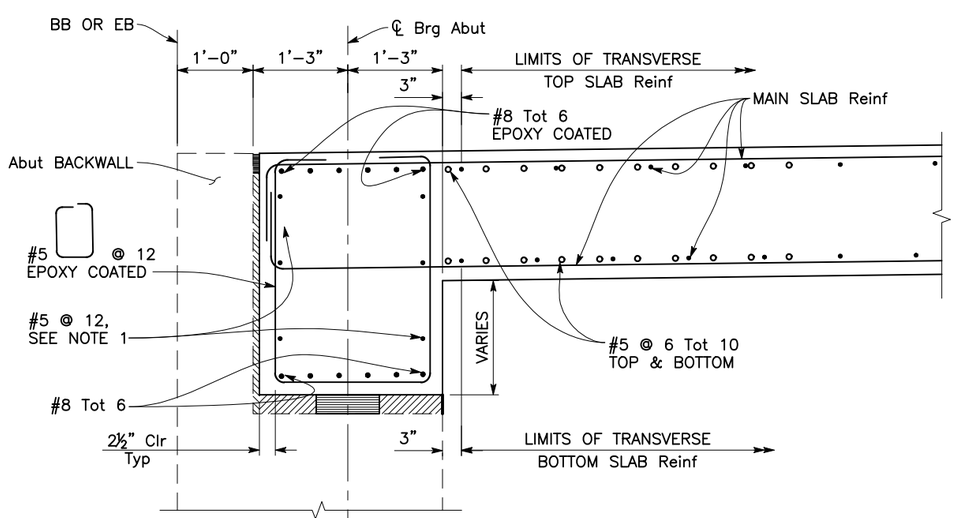
½" = 1'-0"



TYPICAL OBTUSE CORNER

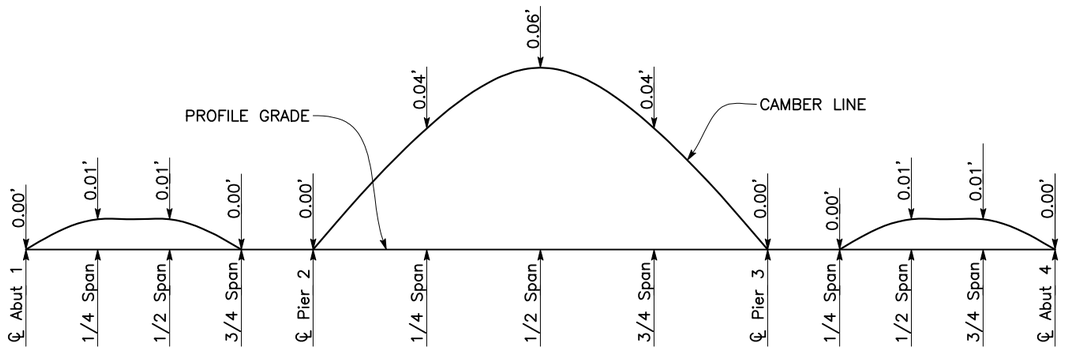
DETAIL 3

½" = 1'-0"



SECTION G-G

1" = 1'-0"



CAMBER DIAGRAM

No Scale

NOTE:
CAMBER DIAGRAM DOES NOT INCLUDE ALLOWANCES FOR FALSEWORK SETTLEMENT

NOTES:

1. Reinforcement within 1 ft of the top of deck must be epoxy coated. All epoxy coated reinforcement must be post-fabricated.

ST-21

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

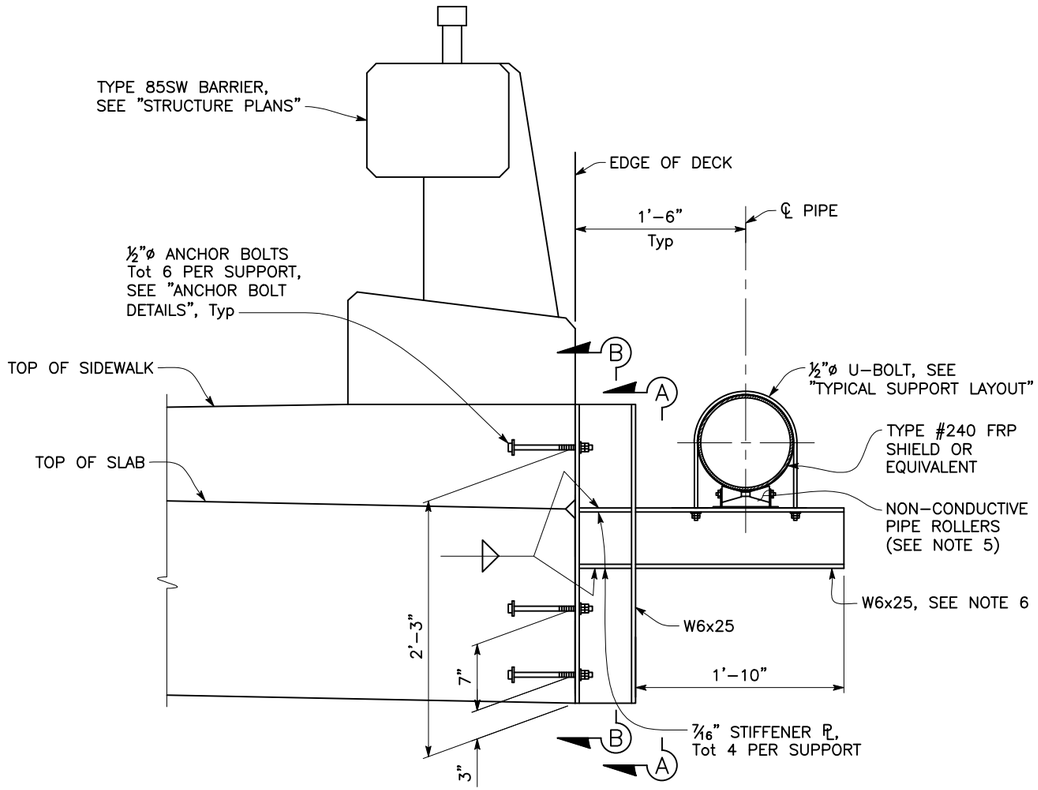
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
SLAB DETAILS NO. 3
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAWAKAMI
REVIEWER: R. RAY

PROJECT NO.
CIP # 41410
SHEET NO. S21 OF S36

100% SUBMITTAL, NOT FOR CONSTRUCTION

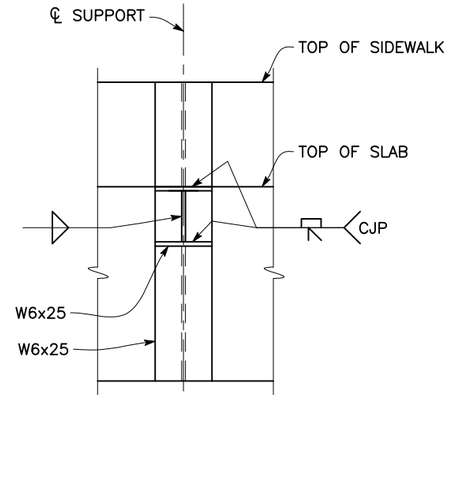
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PIPE SUPPORT (WATER SUPPLY LINE)

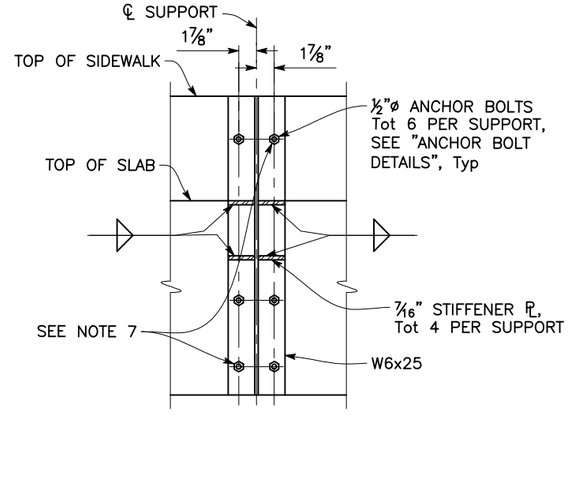
1 1/2" = 1'–0"

CONNECTION SHOWN AT BRIDGE. CONNECTIONS AT WINGWALL, RETURN WALL AND RETAINING WALLS SIMILAR.



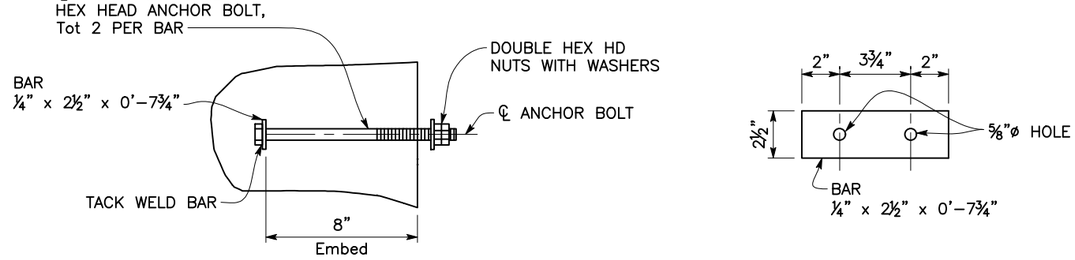
SECTION A-A

1 1/2" = 1'–0"



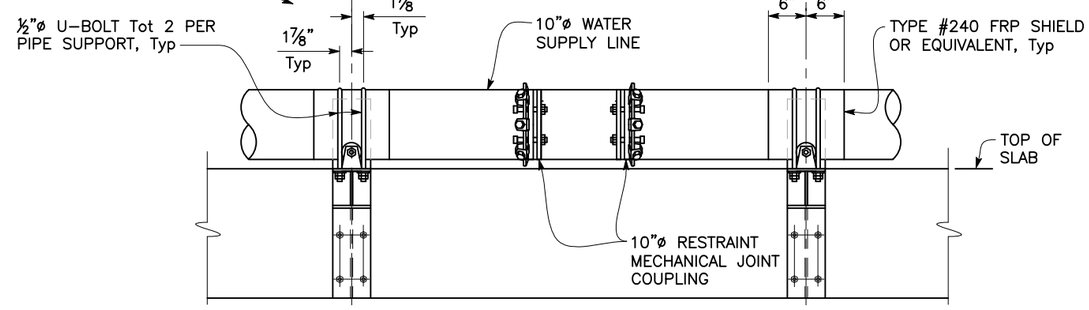
SECTION B-B

1 1/2" = 1'–0"



ANCHOR BOLT DETAILS

3" = 1'–0"



TYPICAL SUPPORT LAYOUT

1" = 1'–0"

NOTES:

1. Structural Steel Members:
   W–shape ASTM A992
   Plate & Stiffeners ASTM A36, Gr36.
2. Steel Fasteners:
   Anchor Bolts ASTM F1554 Gr36
   U–Bolts TBD
3. All steel shapes, plates, bolts, nuts and washers to be hot dipped galvanized. All field welds and damaged surfaces shall be cleaned and treated with 2 applications of zinc–rich primer.
4. Where dissimilar metals such as galvanized steel and ductile iron are to be placed against each other, provide type #240 FRP Shield or equivalent to prevent corrosion.
5. Non–conductive Pipe rollers shall be LB&A or equivalent. Roller selected should allow for vertical adjustment for in–field installation. Roller may be bolted or welded to W shape per manufacturer specifications.
6. Horizontal water supply line supports to be installed level.
7. All holes in wide flange members for cast–in–place anchor rods shall be oversized.

ST-22

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

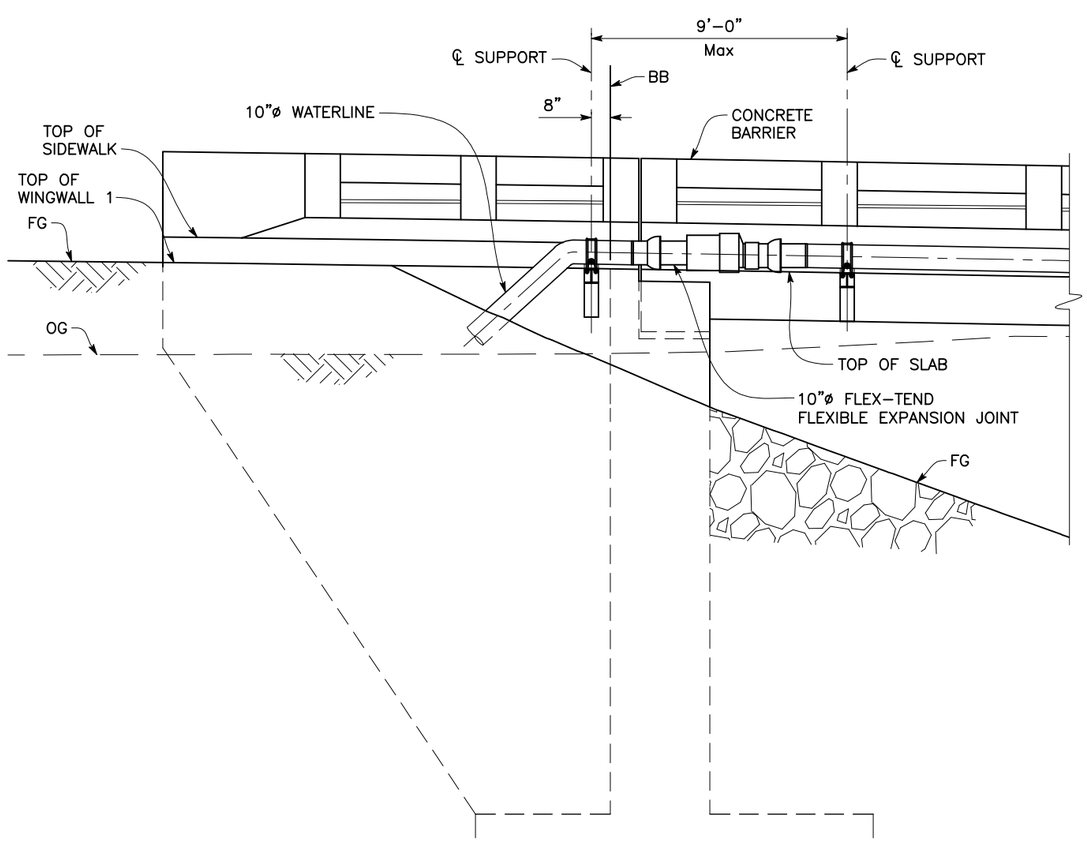
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
WATERLINE SUPPORT DETAILS NO. 1
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. OSHEROV
DESIGNER: K. KAWAKAMI
REVIEWER: R. ROY

PROJECT NO.
CIP # 41410
SHEET NO. S22 OF S36

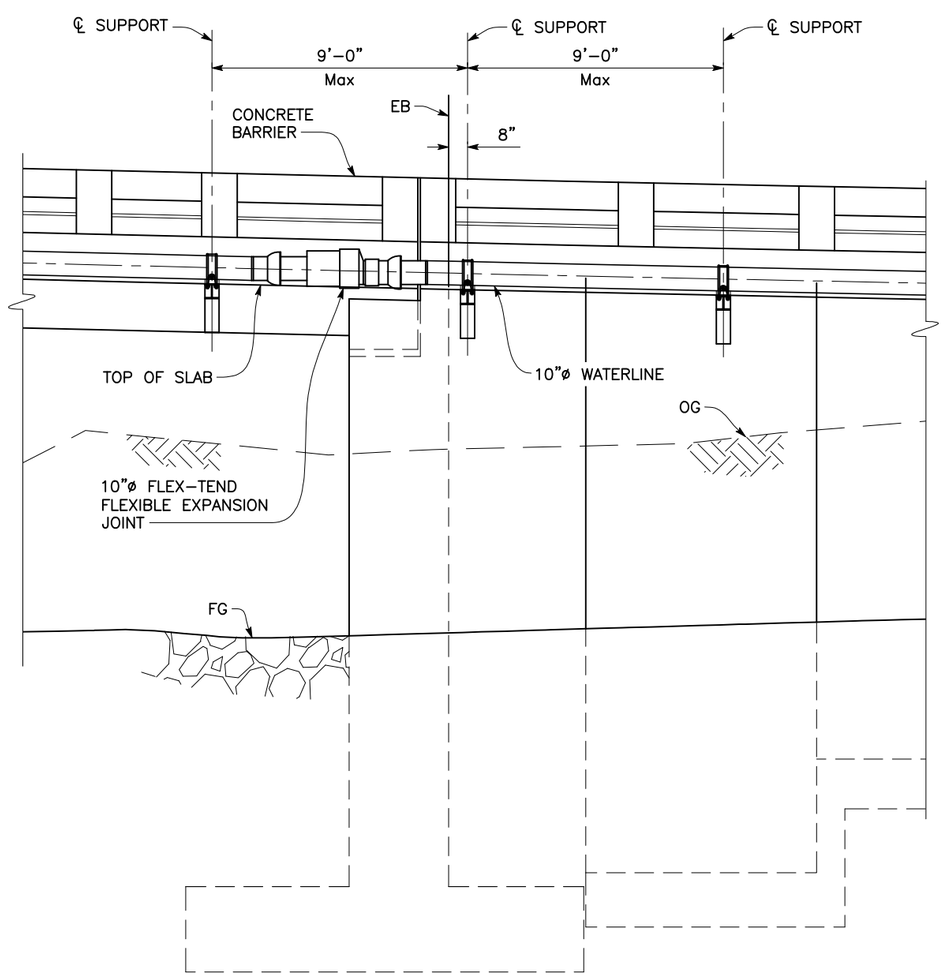
100% SUBMITTAL, NOT FOR CONSTRUCTION

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WATERLINE SUPPORT LAYOUT AT ABUTMENT 1

⅜" = 1'–0"



WATERLINE SUPPORT LAYOUT AT ABUTMENT 4

⅜" = 1'–0"

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

WATERLINE SUPPORT DETAILS NO. 2
CITY OF PLACERVILLE CALIFORNIA

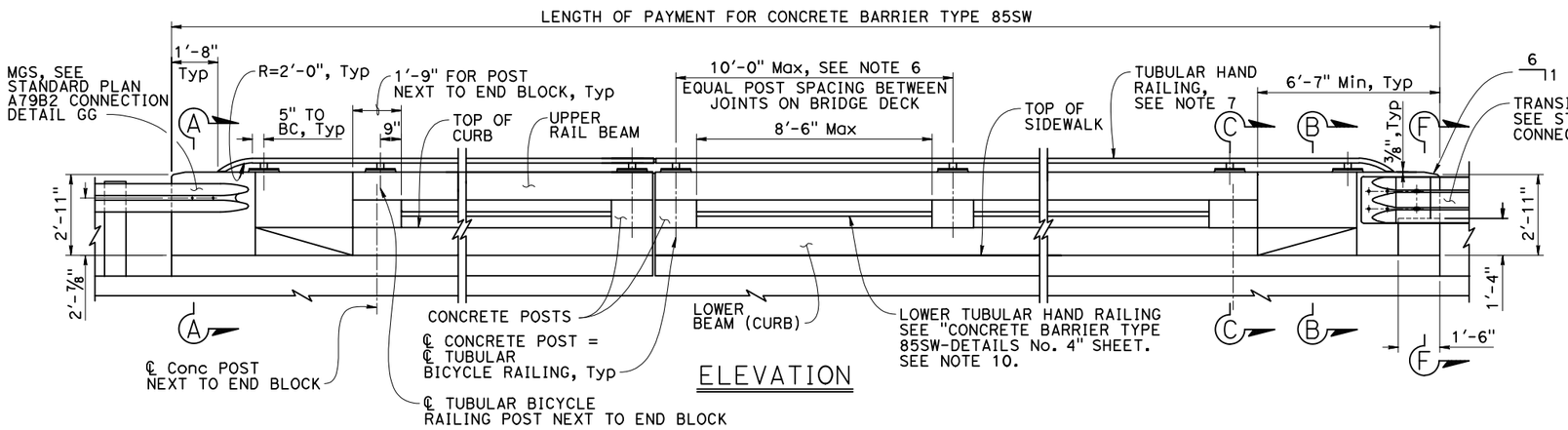
DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. OSBORNE
DESIGNER: K. KAWAMOTO
REVIEWER: R. ROY

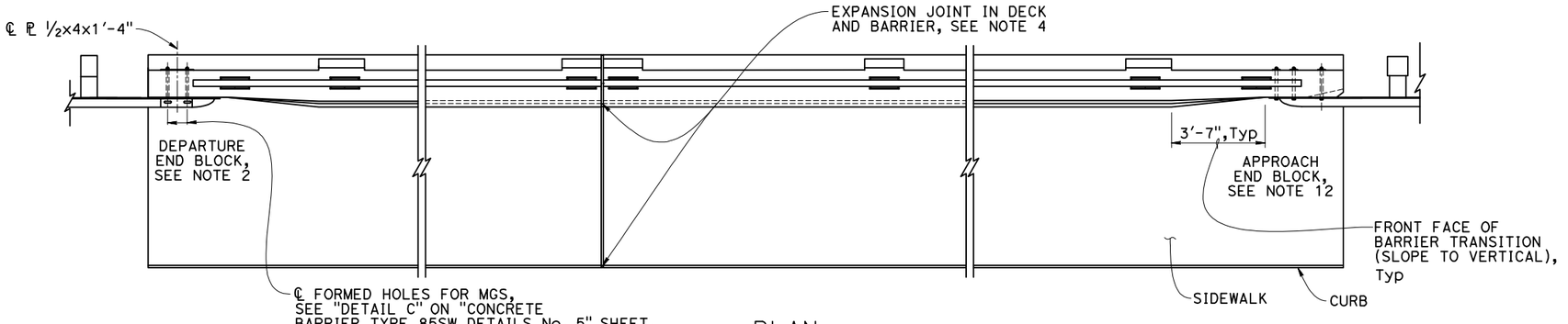
PROJECT NO.
CIP # 41410
SHEET NO. S23 OF S36

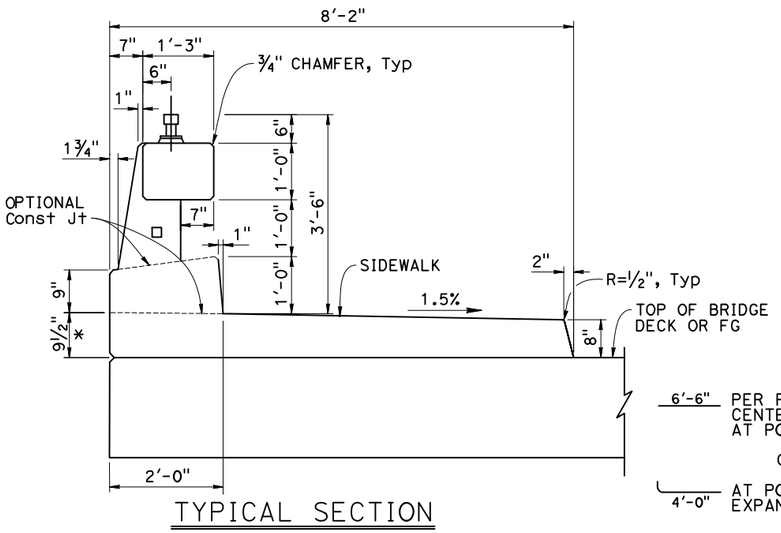
100% SUBMITTAL, NOT FOR CONSTRUCTION

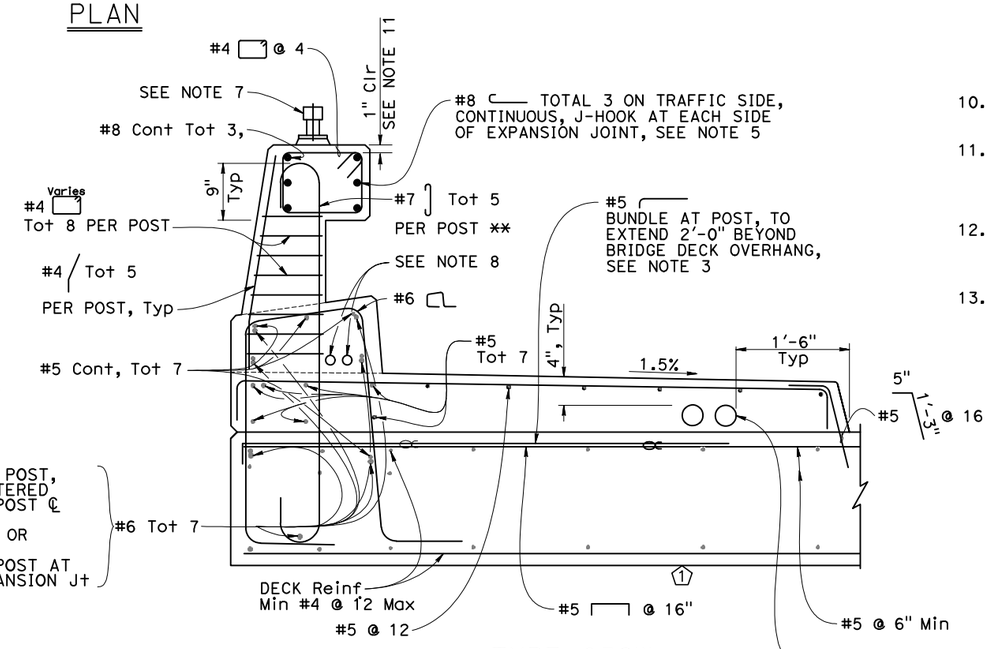
ST-23

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** #7 AT POST TO EXTEND 6" Min BELOW TOP OF BRIDGE DECK

NOTES:

1. This barrier is to be used only for posted speeds of 45 MPH or less.
2. If departure end block is within the Clear Recovery Zone (CRZ) of opposing traffic (30 feet for expressways or freeways and 20 feet for conventional highways), use the approach end block at departure end.
3. For additional reinforcement details, see "CONCRETE BARRIER TYPE 85SW DETAILS No. 2" and "CONCRETE BARRIER TYPE 85SW DETAILS No. 3" sheets.
4. Barrier expansion joint to match deck joint, 1" Min.
5. Splicing in longitudinal rail reinforcing must be staggered. Butt welds are acceptable alternative, splice to lap splicing #8 bars. No portion of lap splice acn be within the concrete posts.
6. Maximum post spacing, not to exceed 10'-0", while spacing posts equally between bridge joints.
7. For tubular hand railing details, see "CONCRETE BARRIER TYPE 85SW DETAILS No. 4" sheet.
8. The maximum number of conduits is limited to two 1½"ø and must be placed in front half of the lower beam (curb). See also, "CONDUIT IN BRIDGE RAILING" detail on STANDARD PLAN B14-3.
9. A minimum of two 4" round openings for future utilities and a maximum of six 4" round openings for a 6'-2" sidewalk. One 4" round opening can be added for each additional 1'-0" of sidewalk width. Utility opening must be a minimum of 6" from face of barrier parapet. Openings are to be sealed at ends and extended 8" minimum past end of sidewalk if not used. Duct forms are to be tied down. For exact number and placement of utility openings see other details. Minimum 2" clear betweew round openings, ducts, or conduits.
10. For "SECTION A-A", "SECTION B-B" and "SECTION C-C", see "CONCRETE BARRIER TYPE 85SW DETAILS No. 2" sheet.
11. 1" clearance to reinforcement on all concrete barrier surfaces of the upper beam, top of lower beam, all surfaces of concrete posts, and approach and departure end blocks.
12. For additional approach end block details, and "SECTION F-F", see "CONCRETE BARRIER TYPE 85SW DETAILS No. 5" sheet.
13. For waterline details, see "WATERLINE SUPPORT DETAILS" sheet.

* Dimension from top of bridge deck to top of sidewalk is determined by bridge cross slope and by thickness of deck overlay due to increase in traffic side of sidewalk curb height by 2" max to match overlay depth if placed on the same contract.

① REVISED DETAIL

NO SCALE

ST-24

NO	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

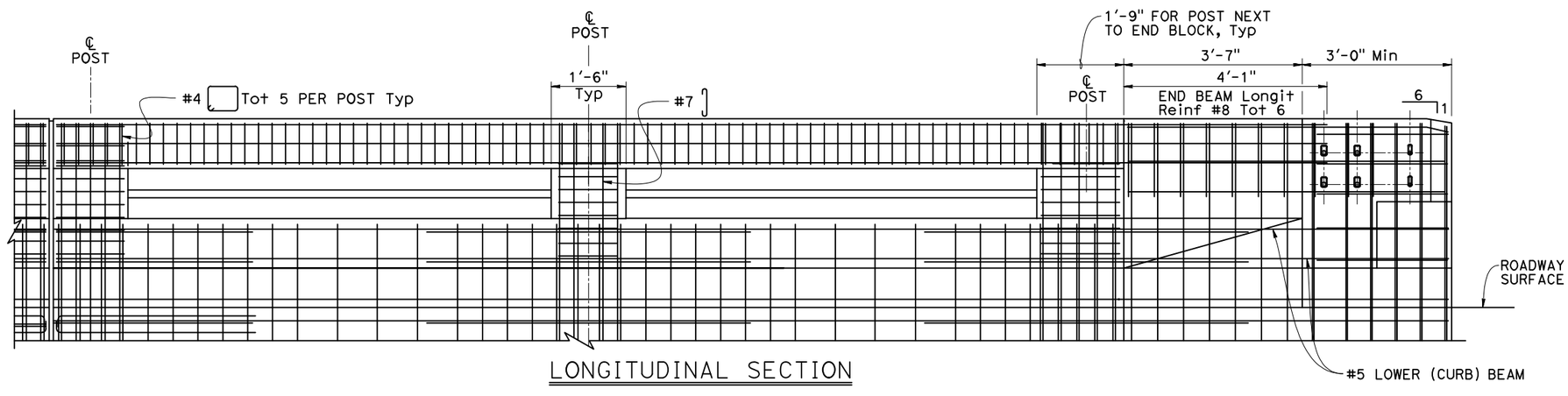
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CONCRETE BARRIER TYPE 85SW - DETAILS NO. 1
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CASTAÑEDA
DESIGNER: K. KAWAKAMI
REVIEWER: R. RUIZ

PROJECT NO.
CIP # 41410
SHEET NO. S24 OF S36

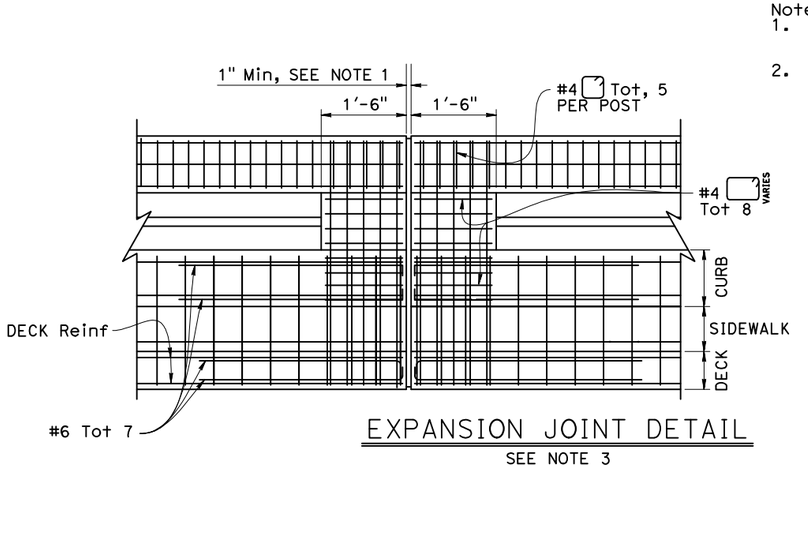
100% SUBMITTAL, NOT FOR CONSTRUCTION

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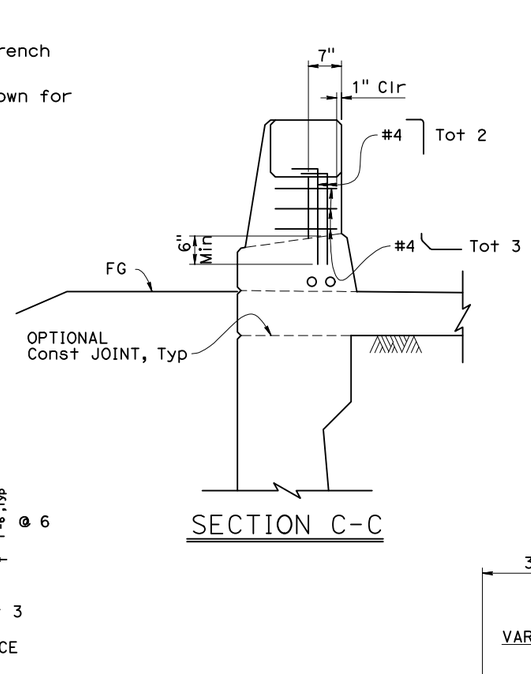
LONGITUDINAL SECTION

Notes:
1. Deck, wingwall, retaining wall or trench footing reinforcing not shown.
2. Upper Tubular Hand Railing not shown for clarity.



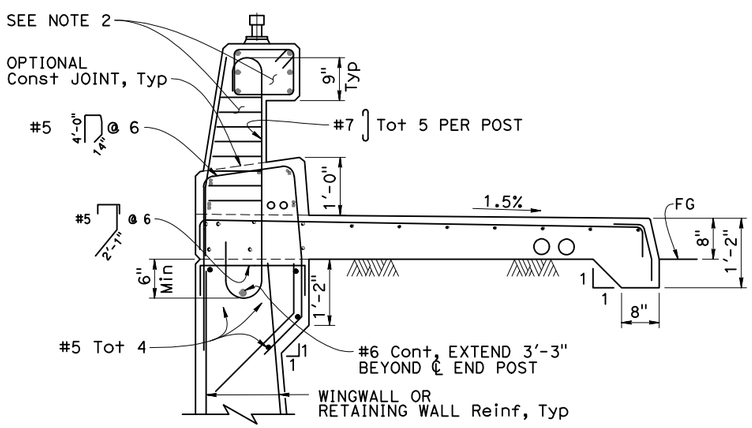
EXPANSION JOINT DETAIL

SEE NOTE 3

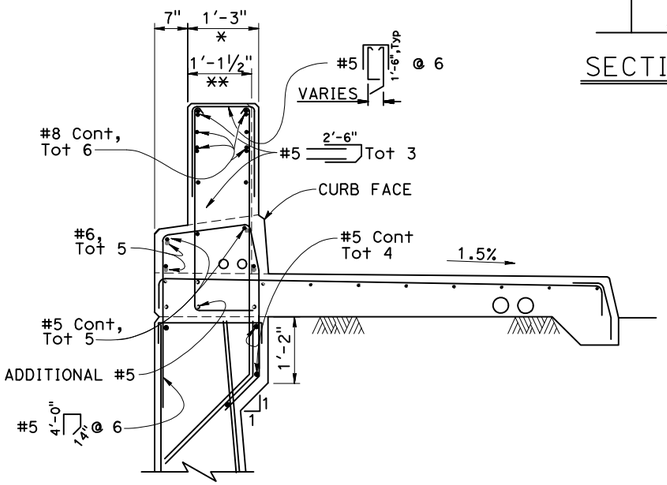


SECTION C-C

NOTES:
1. Expansion joint to match deck joint.
2. For reinforcement not shown, see other details.
3. For waterline details, see "WATERLINE SUPPORT DETAILS" sheet.

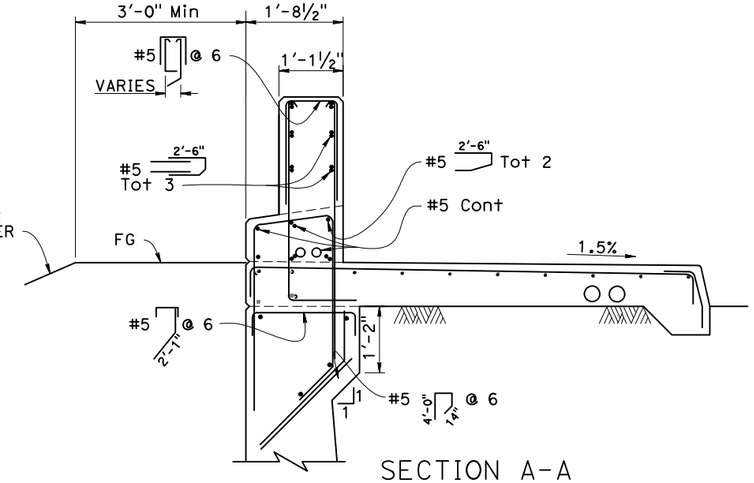


TYPE 85SWA



SECTION B-B

* BEGIN BARRIER TRANSITION
** END BARRIER TRANSITION



SECTION A-A

NO SCALE

ST-25

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

CITY OF PLACERVILLE

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

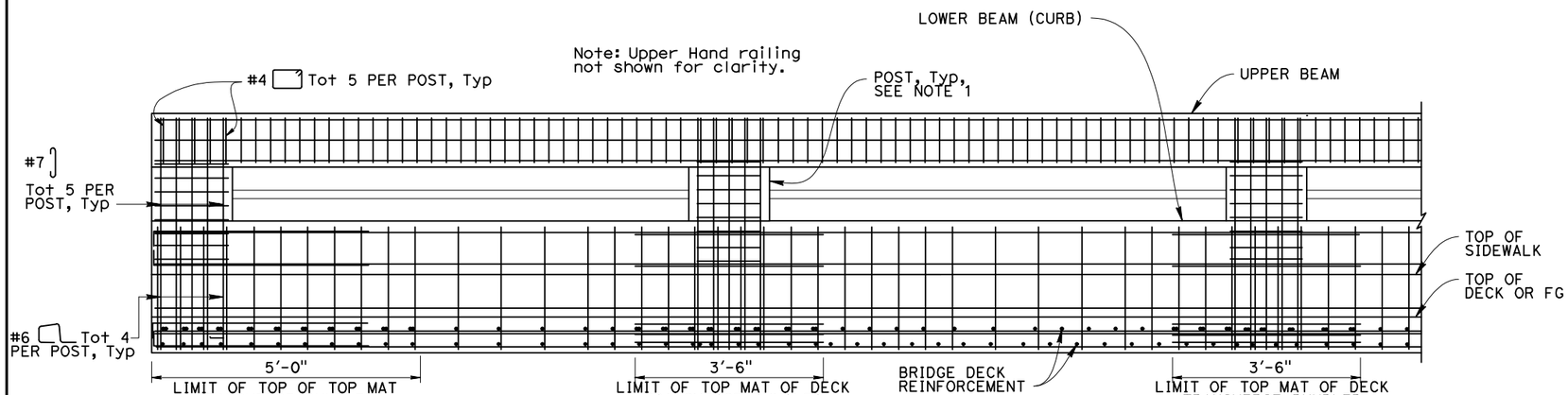
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CONCRETE BARRIER TYPE 85SW - DETAILS NO. 2
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAWAMURA
REVIEWER: R. ROY

PROJECT NO.
CIP # 41410
SHEET NO. S25 OF S36

100% SUBMITTAL, NOT FOR CONSTRUCTION

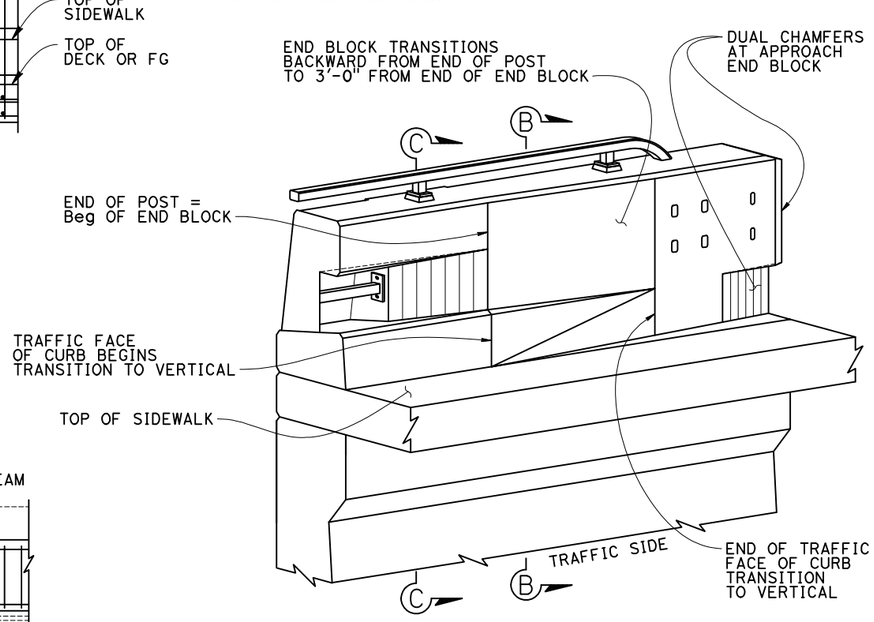
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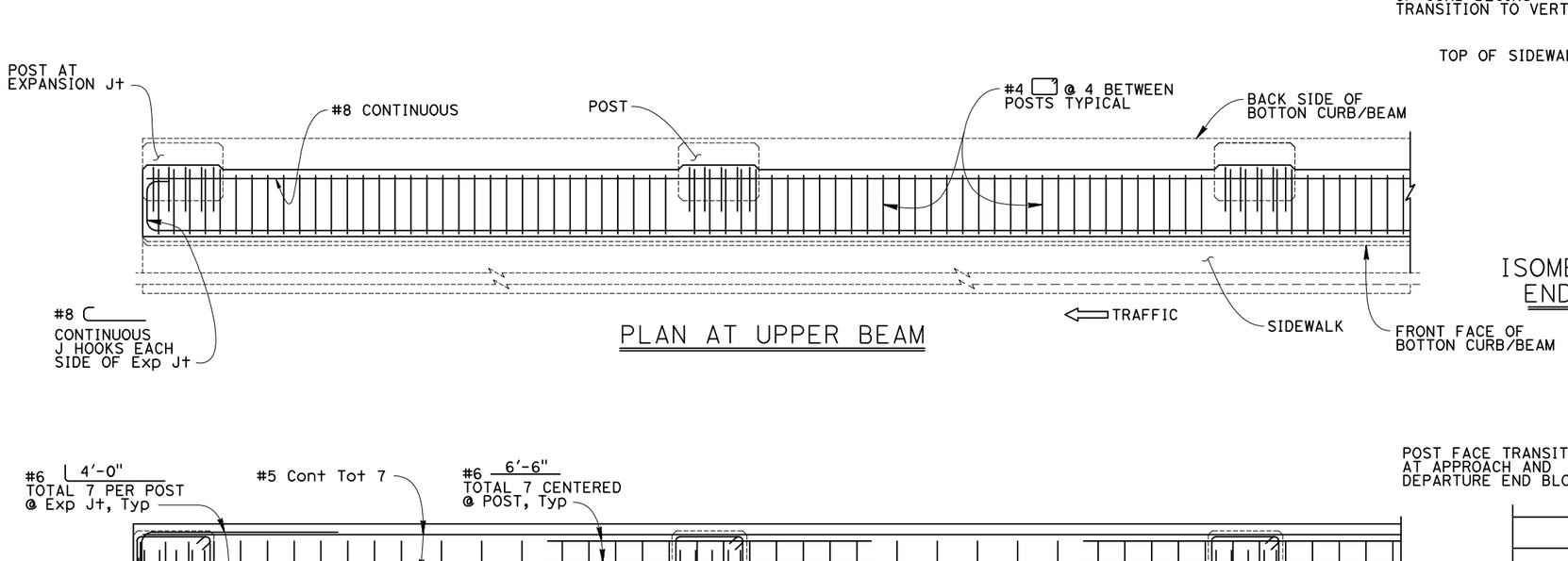
ELEVATION

NOTES:

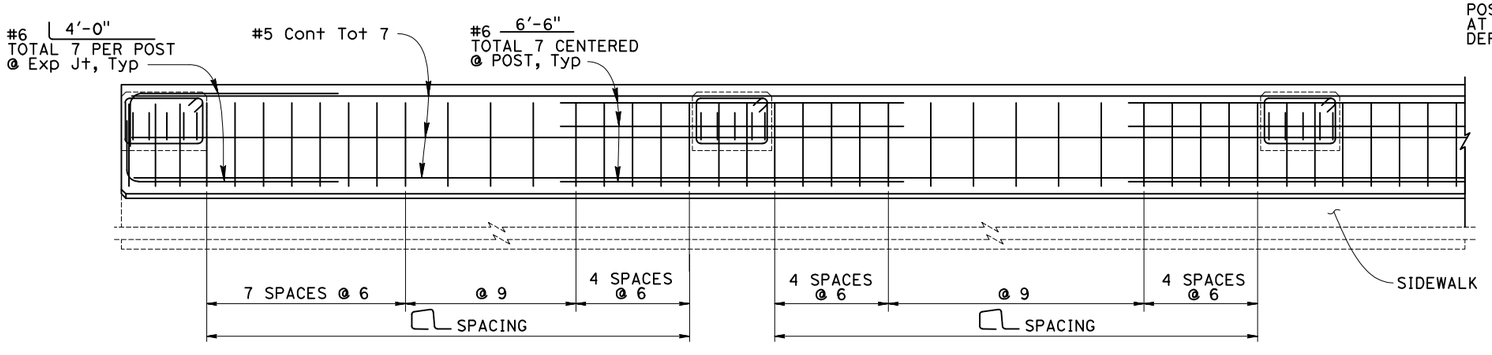
1. Not all post reinforcement is shown, see "CONCRETE BARRIER TYPE 85SW DETAILS No. 1" sheet.
2. For "SECTION B-B", see "CONCRETE BARRIER TYPE 85SW DETAILS No. 2" sheet.
3. SECTION C-C is 1'-9" long as shown, only reinforcement for post transition shown. See "CONCRETE BARRIER TYPE 85SW DETAILS No. 2" sheet.
4. For waterline details, see "WATERLINE SUPPORT DETAILS" sheet.



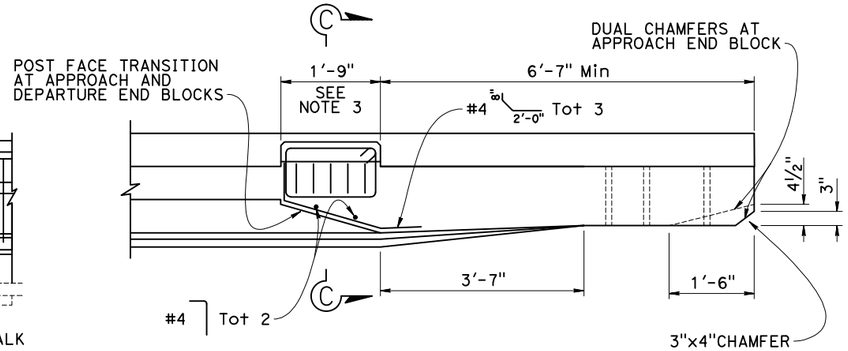
ISOMETRIC VIEW OF POST FACE TRANSITION TO END BLOCK AND DUAL END BLOCK CHAMFERS



PLAN AT UPPER BEAM



PLAN AT LOWER BEAM (CURB)



END BLOCK AND ADJACENT POST TRANSITION

NO SCALE

ST-26

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

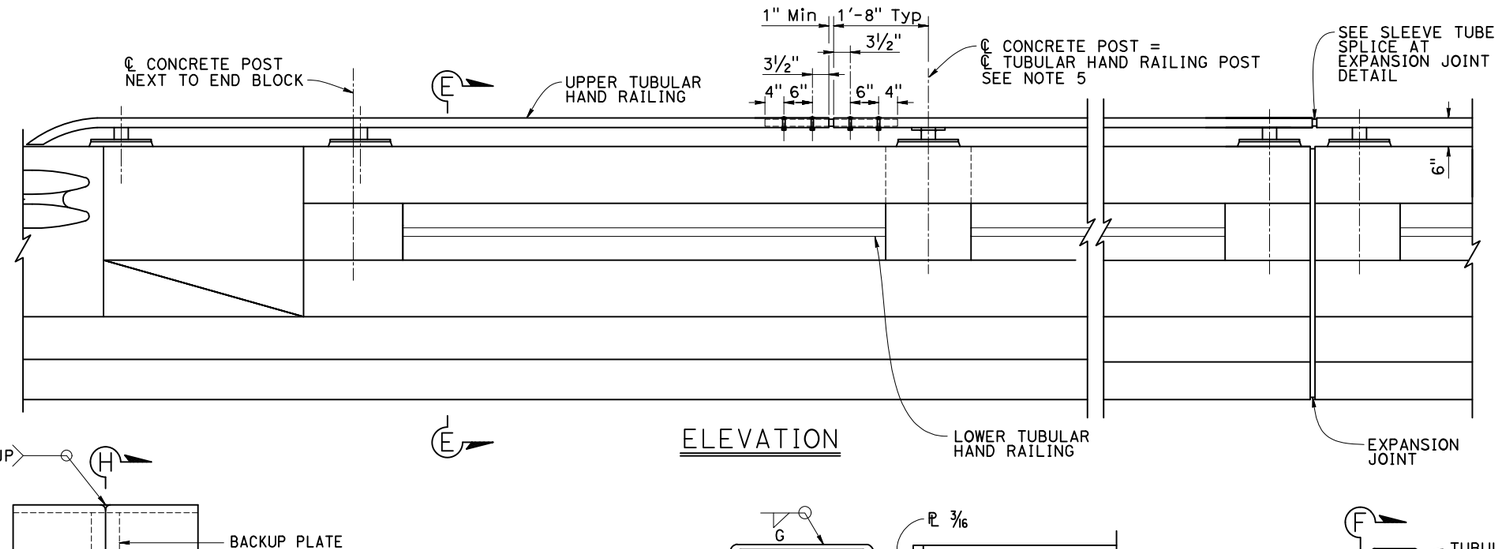
CONCRETE BARRIER TYPE 85SW - DETAILS NO. 3
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAAWAOLA
REVIEWER: R. ROSE

PROJECT NO.
CIP # 41410
SHEET NO. S26 OF S36

100% SUBMITTAL, NOT FOR CONSTRUCTION

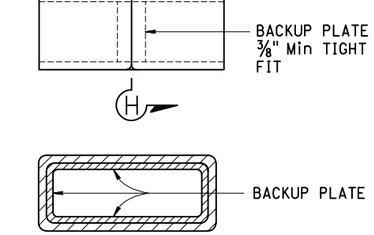
U:\18028 - Placerville Dr. Bicycle-Ped and Br. Repl - CI Placerville\18028B Bridge Replacement\400 Project Design Files\430 Bridges & Structures\Plans\ss16-118-3.dwg Jun 12, 2026 - 1:14pm, eclemeros



ELEVATION

NOTES:

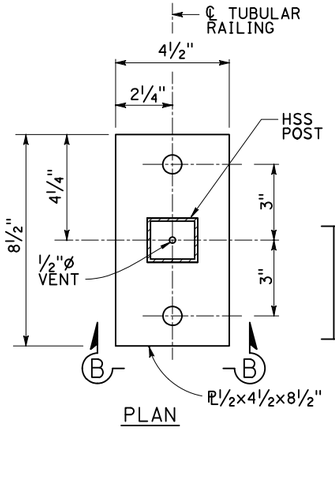
1. Adjust mortar pad thickness so that the base plate is level in the transverse cross sectional view and is parallel to the top of the upper beam (parallel to profile grade) in the longitudinal direction.
2. Tube splices shall be located in the tubes spanning deck or wall joints. Increase joint width in tubes to match expansion joint width and increase sleeve length accordingly.
3. Top rail tube shall be continuous over not less than two posts
4. Use HS bolts ½" x3⅝" with nut and washers, snug tightened, with thread locking mechanism.
5. Welded connection details between tubular hand railing and HSS2x2x⅜ post is shown. For bolted connection details, see "RAILING CONNECTION DETAILS" on RSP B11-220.
6. For waterline details, see "WATERLINE SUPPORT DETAILS" sheet.



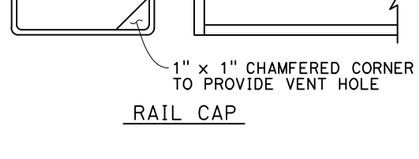
SECTION H-H

ALTERNATIVE TUBE WELDED STANDARD SPLICE

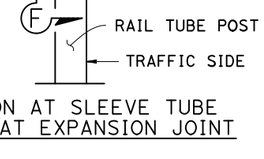
FOR SPLICES NOT AT EXPANSION JOINTS



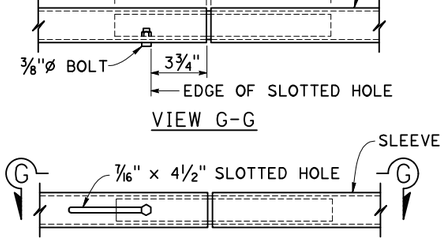
PLAN



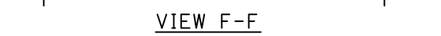
RAIL CAP



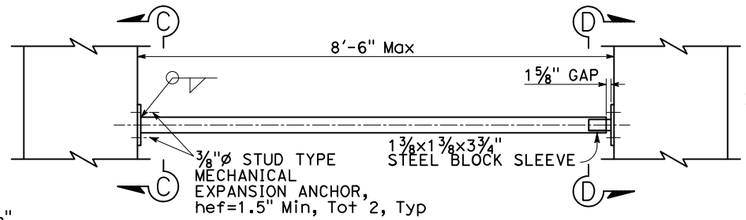
SECTION AT SLEEVE TUBE SPLICE AT EXPANSION JOINT



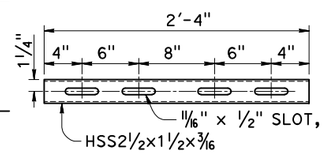
VIEW G-G



VIEW F-F

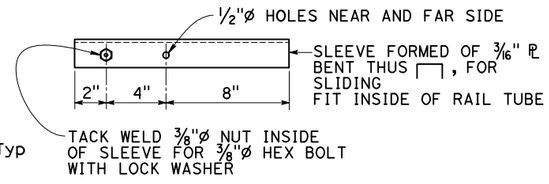


LOWER HAND RAIL DETAIL

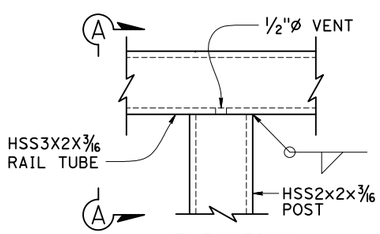


STANDARD SLEEVES DETAILS

SEE NOTE 4

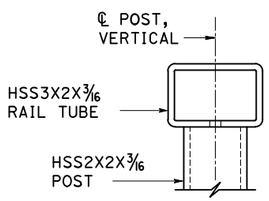


SLEVE TUBE SPLICE AT EXPANSION JOINT DETAIL

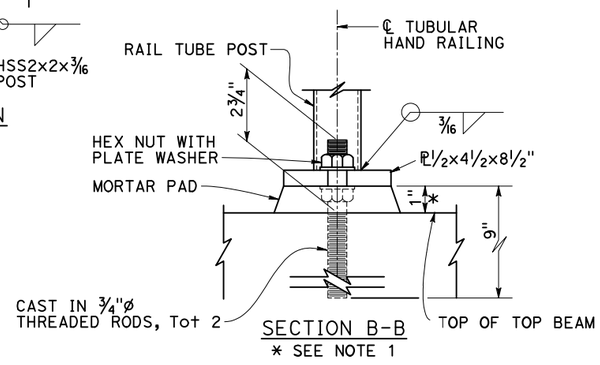


ELEVATION

SEE NOTE 5

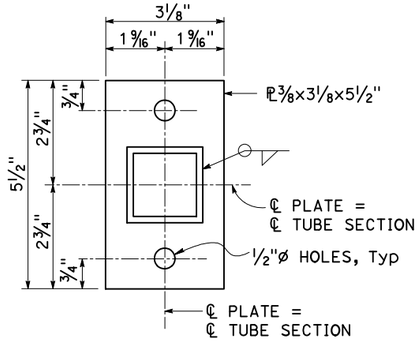


SECTION A-A

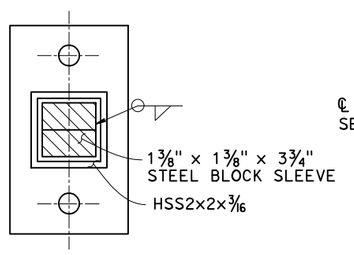


SECTION B-B

* SEE NOTE 1

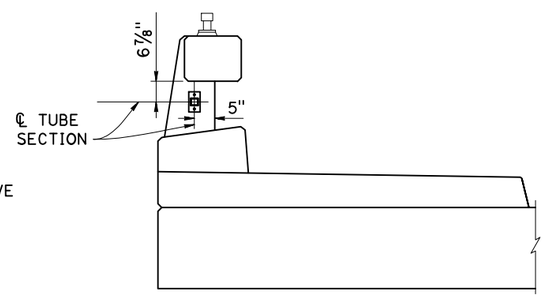


SECTION C-C



SECTION D-D

See Section C-C for details not shown



SECTION E-E ①

NO SCALE

TUBULAR HAND RAILING DETAILS

① REVISED DETAIL

NO SCALE **ST-27**

NO	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

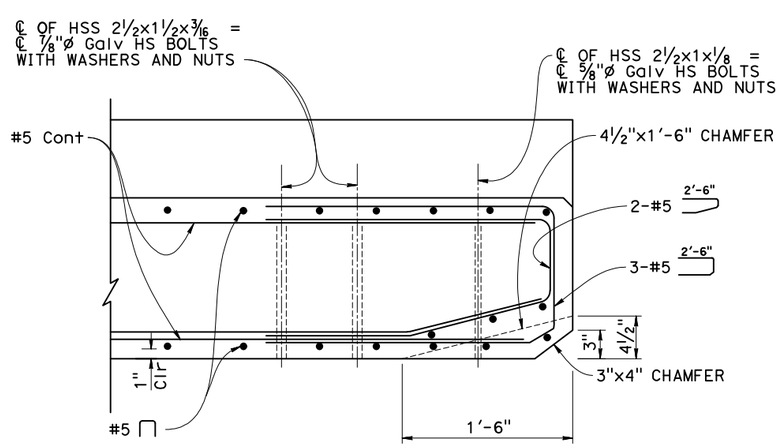
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CONCRETE BARRIER TYPE 85SW - DETAILS NO. 4
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAWAKAMI
REVIEWER: R. RAZO

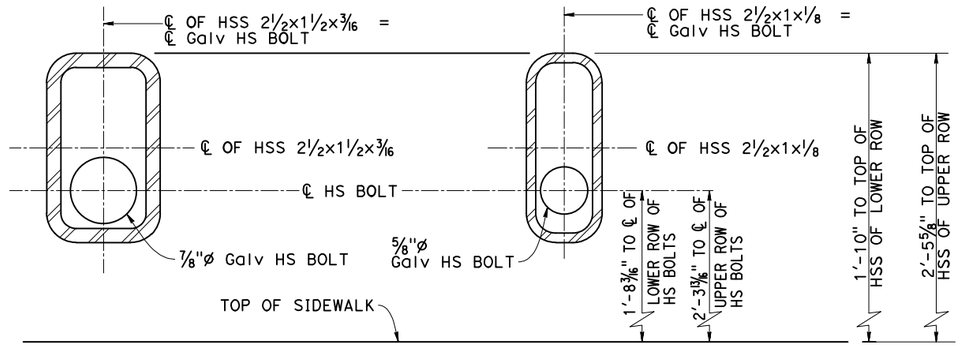
PROJECT NO.
CIP # 41410
SHEET NO. S27 OF S36

100% SUBMITTAL, NOT FOR CONSTRUCTION

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PLAN

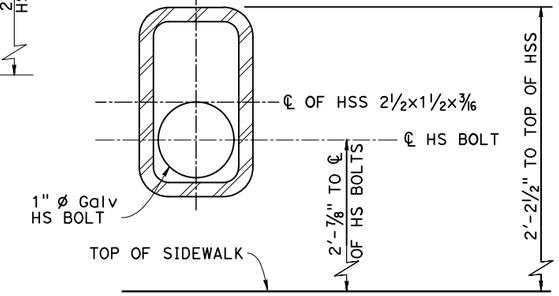


DETAIL A DETAIL B

APPROACH END BLOCK FORMED HOLES

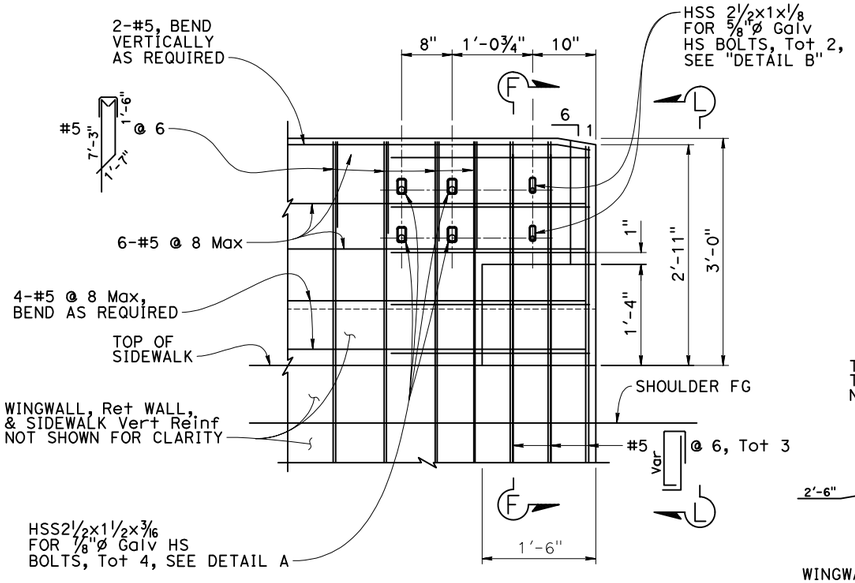
NOTES:

1. Adjust reinforcement as needed to clear HSS section by at least 1" minimum.
2. For typical connection for departure end block to MGS details, see "MGS BRIDGE DEPARTURE CONNECTION DETAIL GG" ON RSP A79B2, and "DETAIL C" on this sheet.
3. For waterline details, see "WATERLINE SUPPORT DETAILS" sheet.



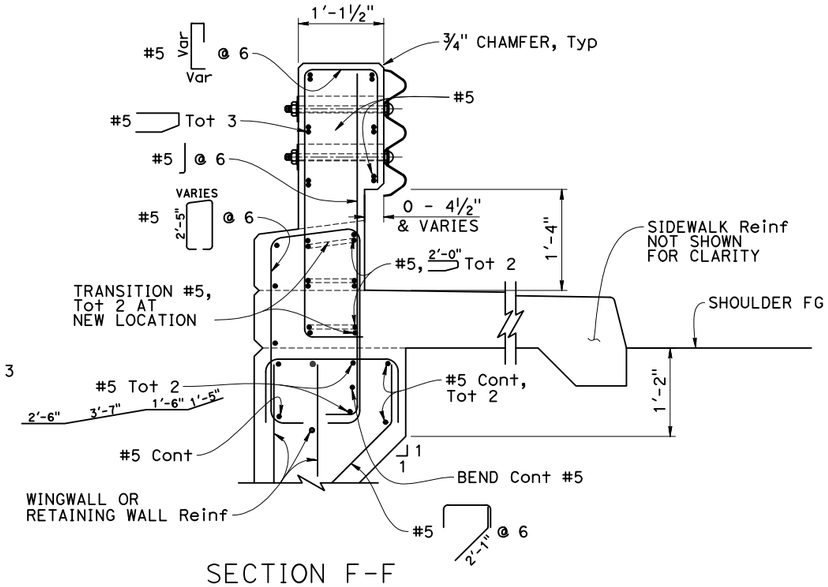
DETAIL C

DEPARTURE END BLOCK FORMED HOLES

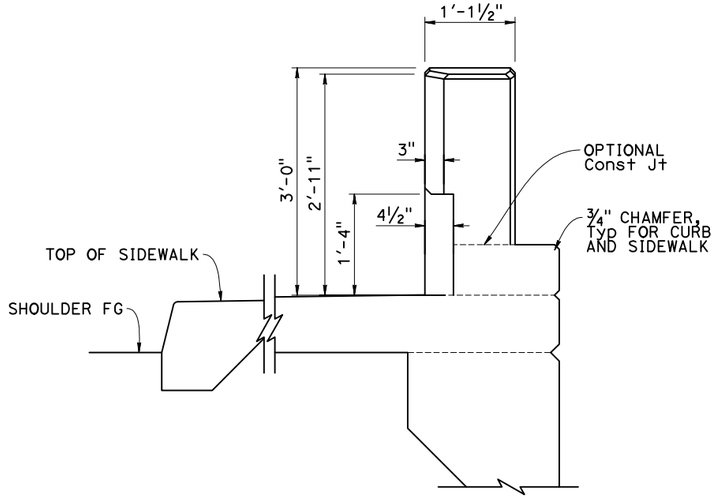


ELEVATION

APPROACH END BLOCK DETAILS



SECTION F-F



VIEW L-L

NO SCALE

ST-28

NO	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

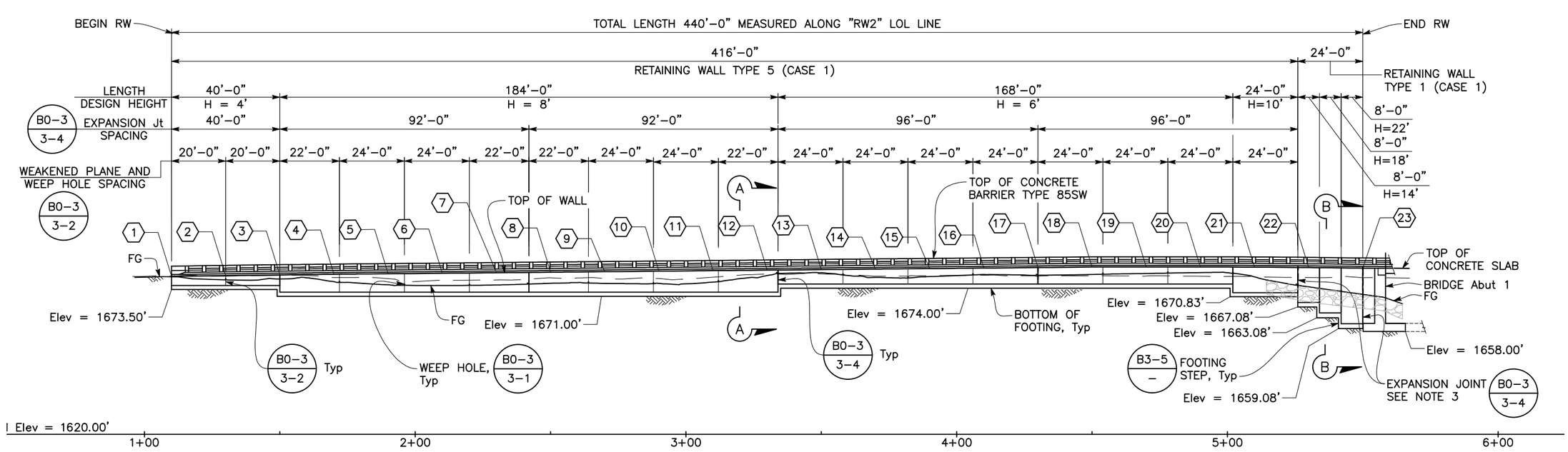
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
CONCRETE BARRIER TYPE 85SW - DETAILS NO. 5
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E.CISNEROS
DESIGNER: K.KARAKAS
REVIEWER: R.ANG

PROJECT NO.
CIP # 41410
SHEET NO. S28 OF S36

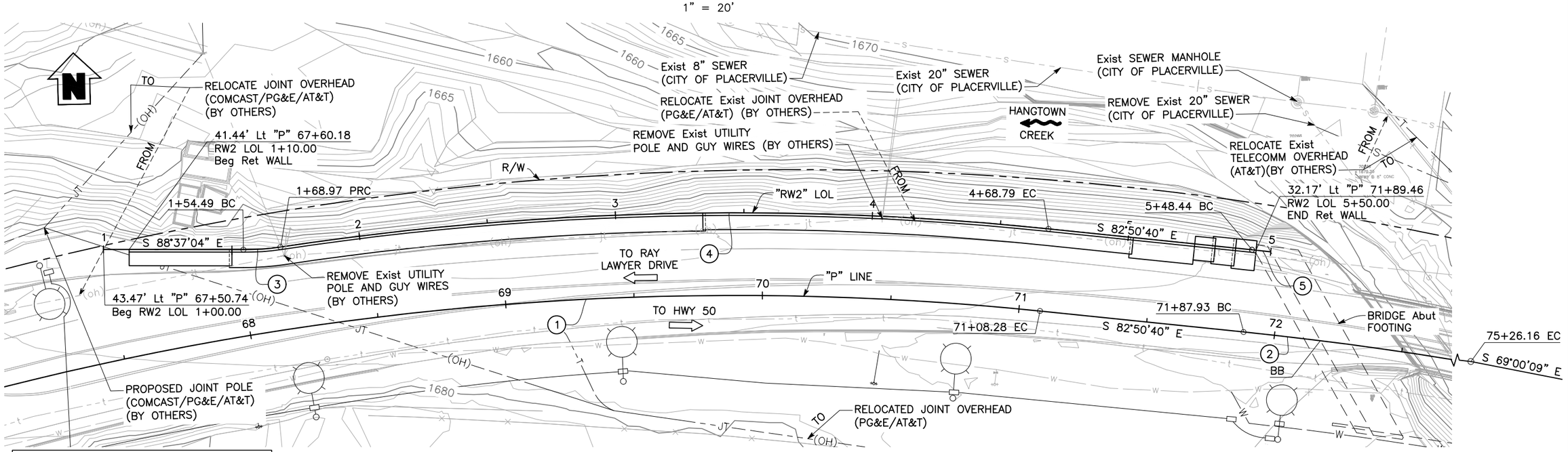
100% SUBMITTAL, NOT FOR CONSTRUCTION

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DEVELOPED MIRRORED ELEVATION

1" = 20'



CURVE DATA

No.	R	Δ	T	L
1	1156.14'	40°51'47"	430.69'	824.55'
2	1400.00'	13°50'32"	169.94'	338.23'
3	92.00'	9°00'58"	7.25'	14.48'
4	1188.31'	14°27'22"	150.71'	299.82'
5	1432.17'	0°17'30"	3.64'	7.29'

LEGEND:

- Indicates Direction of Water Flow
- Indicates New Structure
- Indicates Street Lighting, see Electrical Plans

PLAN A62B / – 1" = 20'

NOTES:

1. For "SECTION A–A" and "SECTION B–B", see "RETAINING WALL 2–GENERAL PLAN No. 2" sheet.
2. For Wall Elevations, see Wall Profile Table on "RETAINING WALL 2–GENERAL PLAN No. 2" sheet.
3. Extend top of waterstop 6 inches into concrete barrier, and extend bottom of waterstop 1 foot below FG.

ST-29

NO. REVISION DESCRIPTION | CHECKED BY | DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

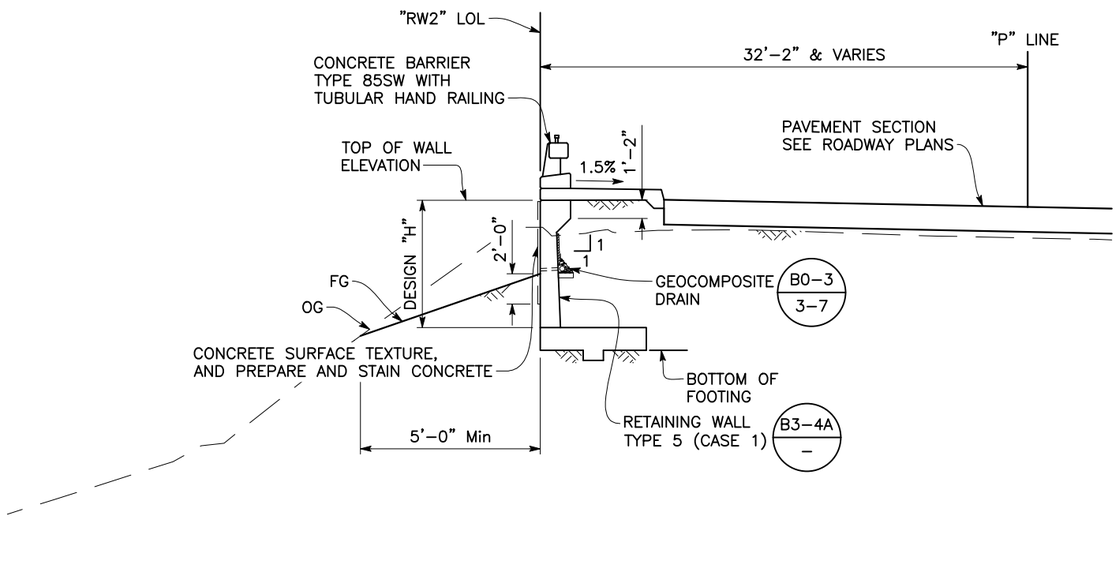
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
RETAINING WALL 2 - GENERAL PLAN NO. 1
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E.CONFORTO
DESIGNER: K.KAWAMOTO
REVIEWER: R.ROY

PROJECT NO.
CIP # 41410
SHEET NO. S29 OF S36

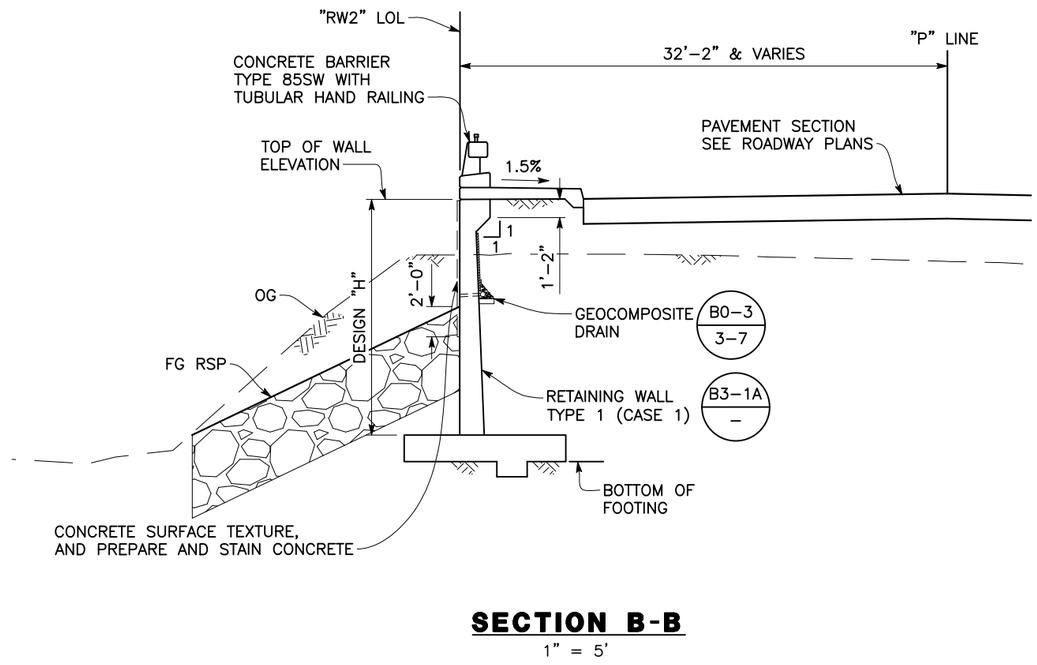
100% SUBMITTAL, NOT FOR CONSTRUCTION

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SECTION A-A

1" = 5'



SECTION B-B

1" = 5'

WALL PROFILE TABLE

LOCATION	"RW2" LOL STATION	TOP OF WALL Elev (ft) SEE NOTE 2
1	01+10.00	1678.40
2	01+30.00	1678.66
3	01+50.00	1678.91
4	01+70.00	1679.14
5	01+90.00	1679.33
6	02+10.00	1679.52
7	02+30.00	1679.71
8	02+50.00	1679.91
9	02+70.00	1680.10
10	02+90.00	1680.29
11	03+10.00	1680.48

WALL PROFILE TABLE

LOCATION	"RW2" LOL STATION	TOP OF WALL Elev (ft) SEE NOTE 2
12	03+30.00	1680.67
13	03+50.00	1680.86
14	03+70.00	1681.06
15	03+90.00	1681.25
16	04+10.00	1681.44
17	04+30.00	1681.63
18	04+50.00	1681.82
19	04+70.00	1681.84
20	04+90.00	1681.84
21	05+10.00	1681.78
22	05+30.00	1681.64
23	05+50.00	1681.42

QUANTITIES (RETAINING WALL 2)

BID ITEM	QTY	UNIT
STRUCTURE EXCAVATION (TYPE D)	72	CY
STRUCTURE EXCAVATION (RETAINING WALL)	888	CY
STRUCTURE BACKFILL (RETAINING WALL)	942	CY
STRUCTURAL CONCRETE, RETAINING WALL	315	CY
CONCRETE SURFACE TEXTURE	2,278	SQFT
BAR REINFORCING STEEL (RETAINING WALL)	40,222	LB
PREPARE AND STAIN CONCRETE	2,278	SQFT
CONCRETE BARRIER (TYPE 85SW)	440	LF

NOTES:

1. For reinforcement and details not shown see "Retaining Wall Type 5 (Case 1) (B3-4A / –) and "Retaining Wall Type 1 (Case 1) (B3-1A / –) .
2. Top of wall elevations vary linearly between points identified.
3. For Limits of Excavation, see detail on "RETAINING WALL 4 & 5 – GENERAL PLAN NO. 2" sheets.

ST-30

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

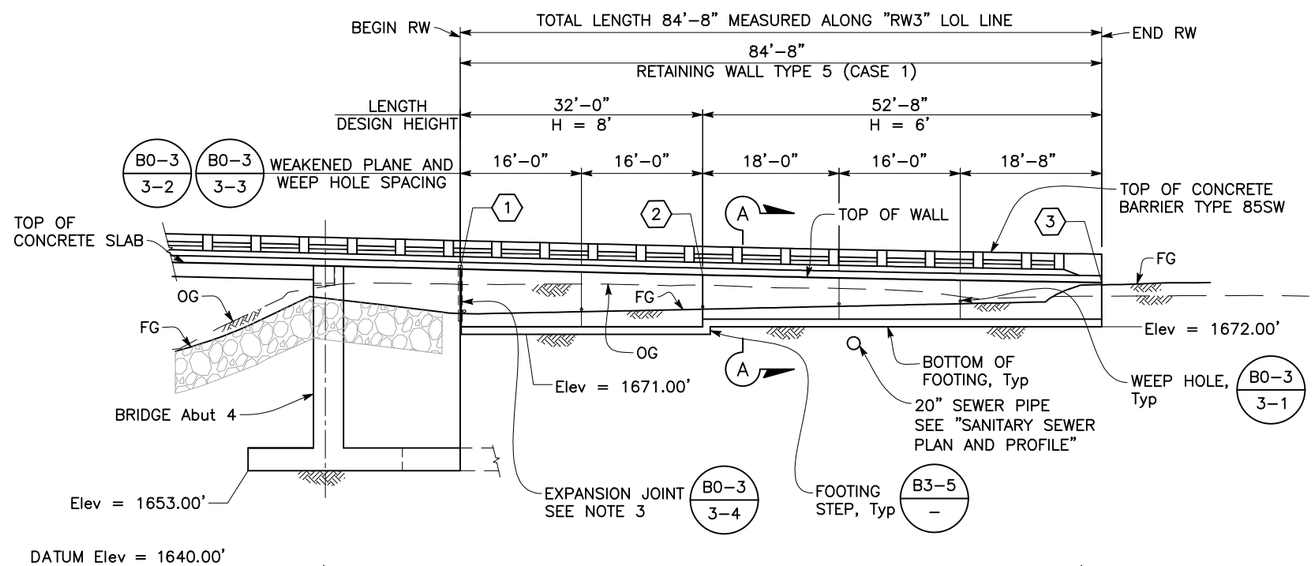
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
RETAINING WALL 2 - GENERAL PLAN NO. 2
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CONTRERAS
DESIGNER: K. KAWAKAMI
REVIEWER: R. RUIZ

PROJECT NO.
CIP # 41410
SHEET NO. S30 OF S36

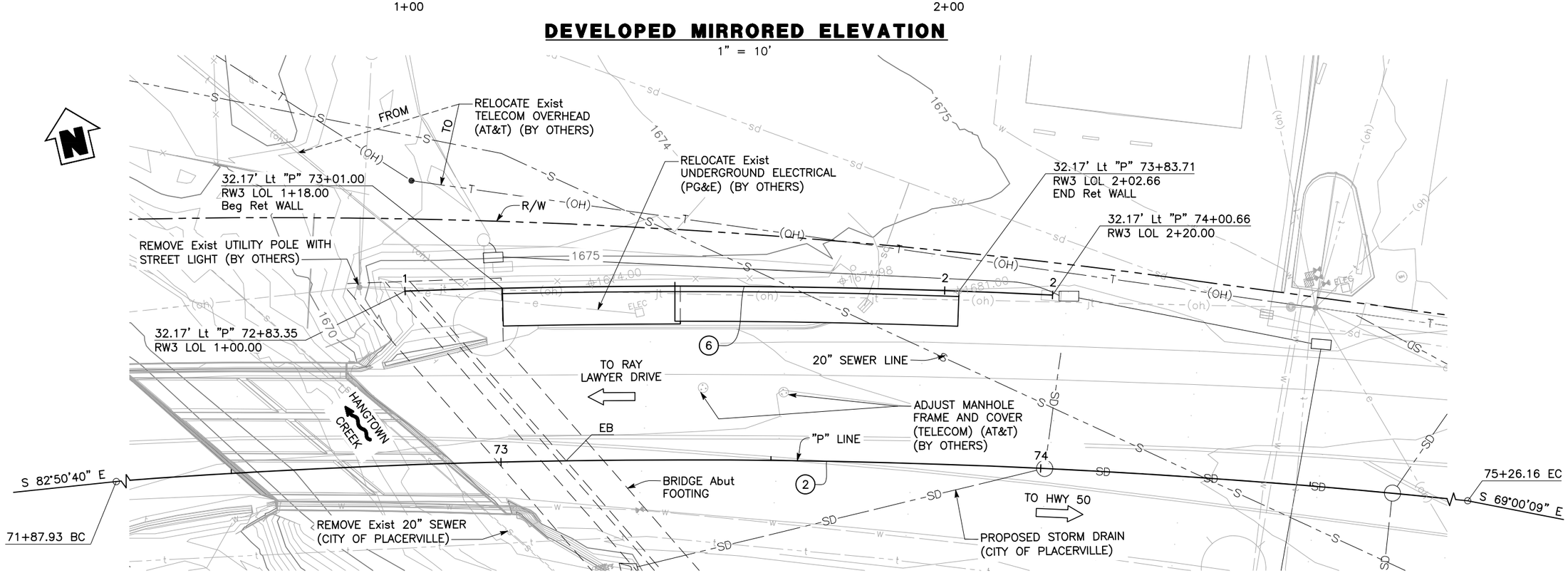
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DEVELOPED MIRRORED ELEVATION

1" = 10'



PLAN A62B
1" = 10'

CURVE DATA				
No.	R	Δ	T	L
(2)	1400.00'	13°50'32"	169.94'	338.23'
(6)	1432.17'	4°48'03"	60.04'	120.00'

LEGEND:

- Indicates Direction of Water Flow
- Indicates New Structure
- Indicates Street Lighting, see Electrical Plans

NOTES:

1. For "SECTION A–A", see "RETAINING WALL 3–GENERAL PLAN No. 2" sheet.
2. For Wall Elevations, see Wall Profile Table on "RETAINING WALL 3–GENERAL PLAN No. 2" sheet.
3. Extend top of waterstop 6 inches into concrete barrier, and extend bottom of waterstop 1 foot below FG.

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

CITY OF PLACERVILLE

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
RETAINING WALL 3 - GENERAL PLAN NO. 1
CITY OF PLACERVILLE CALIFORNIA

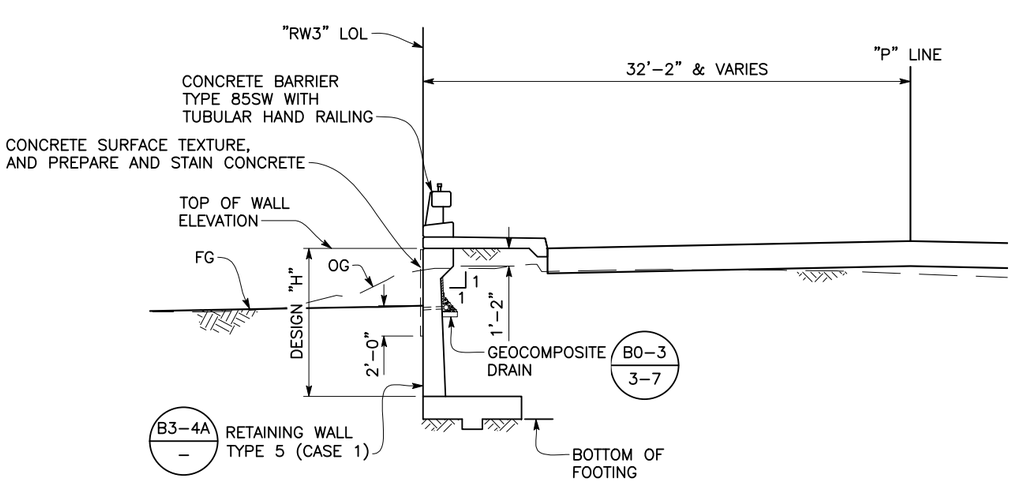
DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K.KAWAKAMI
REVIEWER: R. [illegible]

PROJECT NO.
CIP # 41410
SHEET NO. S31 OF S36

ST-31

100% SUBMITTAL, NOT FOR CONSTRUCTION

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SECTION A-A

1" = 5'

WALL PROFILE TABLE		
LOCATION	"RW3" LOL STATION	TOP OF WALL Elev (ft) SEE NOTE 2
1	01+18.00	1679.62
2	01+50.00	1678.85
3	02+02.66	1677.85

QUANTITIES (RETAINING WALL 3)		
BID ITEM	QTY	UNIT
STRUCTURE EXCAVATION (RETAINING WALL)	157	CY
STRUCTURE BACKFILL (RETAINING WALL)	137	CY
STRUCTURAL CONCRETE, RETAINING WALL	52	CY
CONCRETE SURFACE TEXTURE	496	SQFT
BAR REINFORCING STEEL (RETAINING WALL)	6,089	LB
PREPARE AND STAIN CONCRETE	496	SQFT
CONCRETE BARRIER (TYPE 85SW)	85	LF

NOTES:

1. For reinforcement and details not shown see "Retaining Wall Type 5 (Case 1) B3-4A / – .
2. Top of wall elevations vary linearly between points identified.

ST-32

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

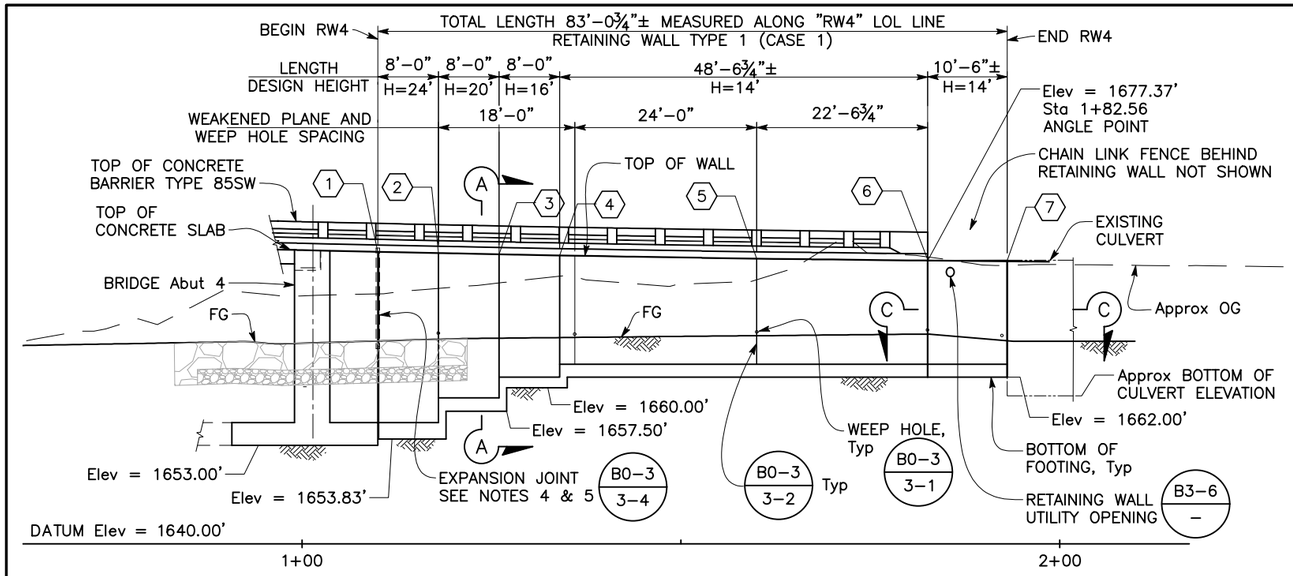
RETAINING WALL 3 - GENERAL PLAN NO. 2
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAWAKAMI
REVIEWER: R. RATH

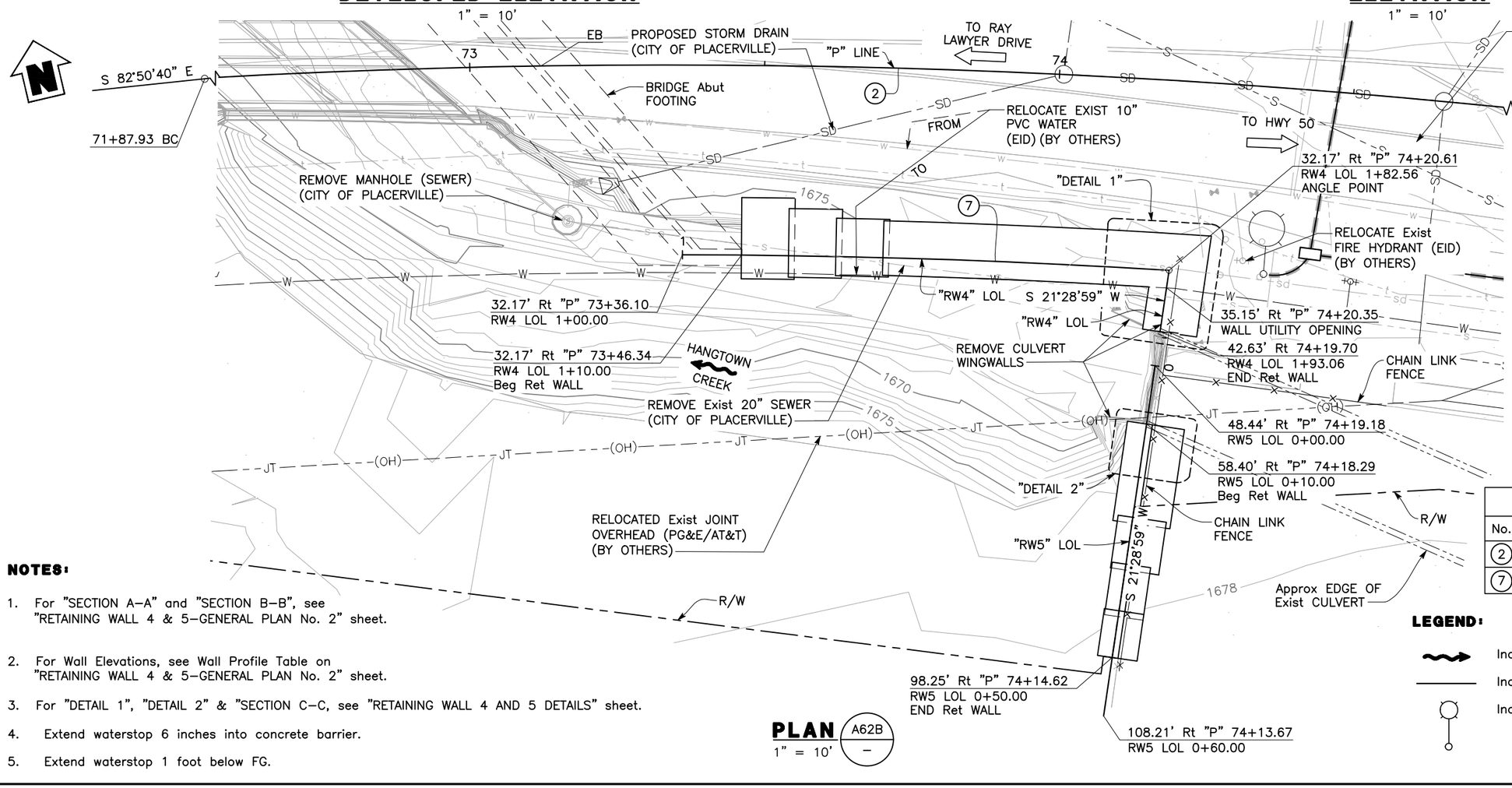
PROJECT NO.
CIP # 41410
SHEET NO. S32 OF S36

100% SUBMITTAL, NOT FOR CONSTRUCTION

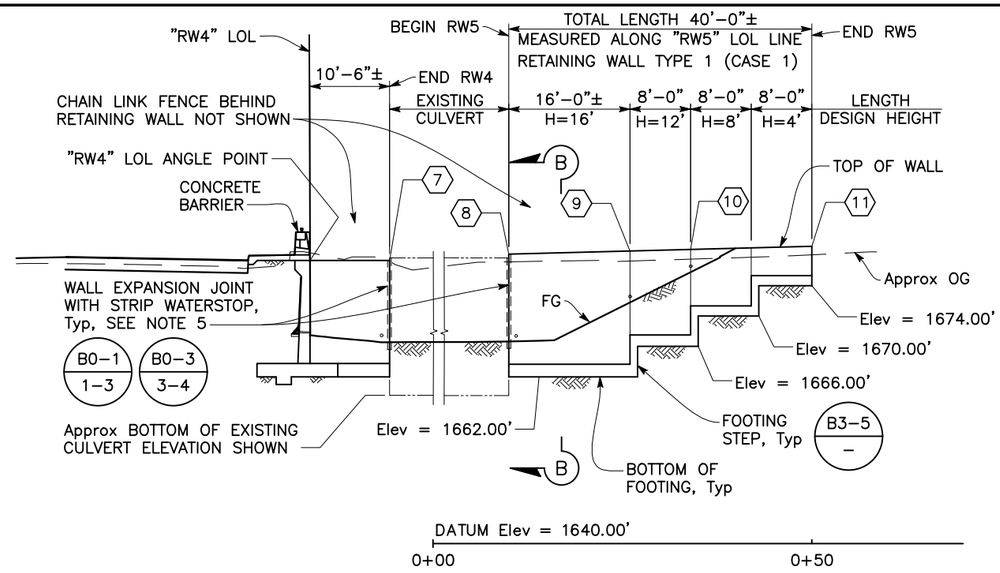
U:\18028 – Placerville Dr. Bicycle-Ped and Br. Repl – Ci Placerville\18028 Bridge Replacement\400 Project Design Files\430 Bridges & Structures\Plans\PD-S-RW3-GP.dwg Jun 12, 2026 – 1:16pm, eclaneros

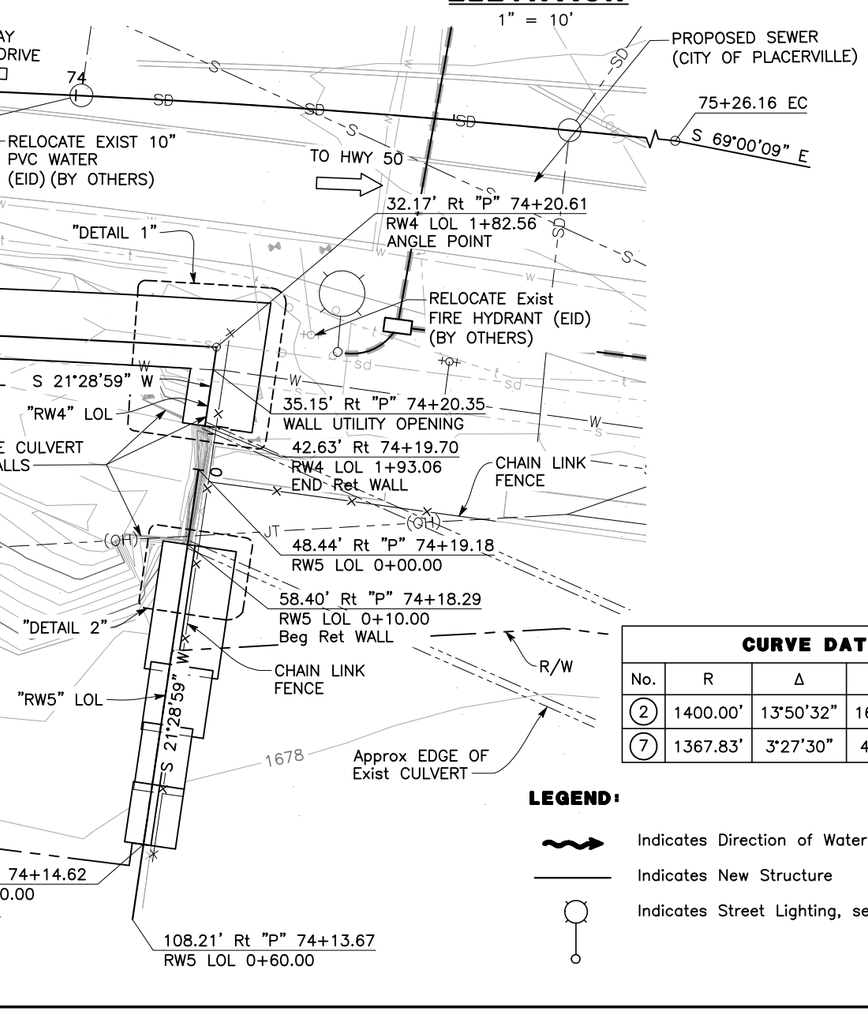


DEVELOPED ELEVATION



ELEVATION





CURVE DATA

No.	R	Δ	T	L
(2)	1400.00'	13°50'32"	169.94'	338.23'
(7)	1367.83'	3°27'30"	41.29'	82.56'

NOTES:

1. For "SECTION A–A" and "SECTION B–B", see "RETAINING WALL 4 & 5–GENERAL PLAN No. 2" sheet.
2. For Wall Elevations, see Wall Profile Table on "RETAINING WALL 4 & 5–GENERAL PLAN No. 2" sheet.
3. For "DETAIL 1", "DETAIL 2" & "SECTION C–C, see "RETAINING WALL 4 AND 5 DETAILS" sheet.
4. Extend waterstop 6 inches into concrete barrier.
5. Extend waterstop 1 foot below FG.

LEGEND:

- Indicates Direction of Water Flow
- Indicates New Structure
- Indicates Street Lighting, see Electrical Plans

PLAN

A62B

1" = 10'

ST-33

NO. REVISION DESCRIPTION | CHECKED BY | DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

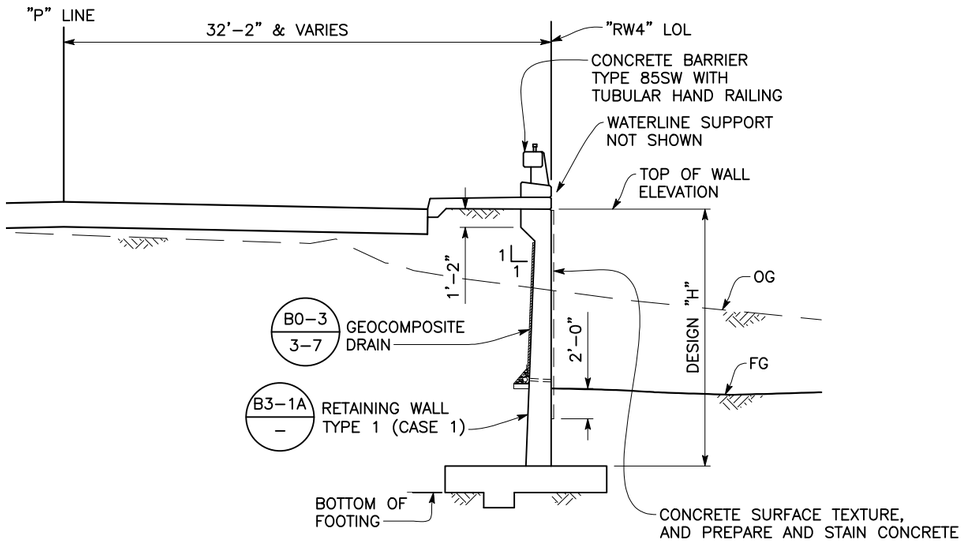
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
RETAINING WALL 4 & 5 - GENERAL PLAN NO. 1
CITY OF PLACERVILLE
CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CASTRO
DESIGNER: K. KAWAGOE
REVIEWER: B. BAIR

PROJECT NO.
CIP # 41410
SHEET NO. S33 OF S36

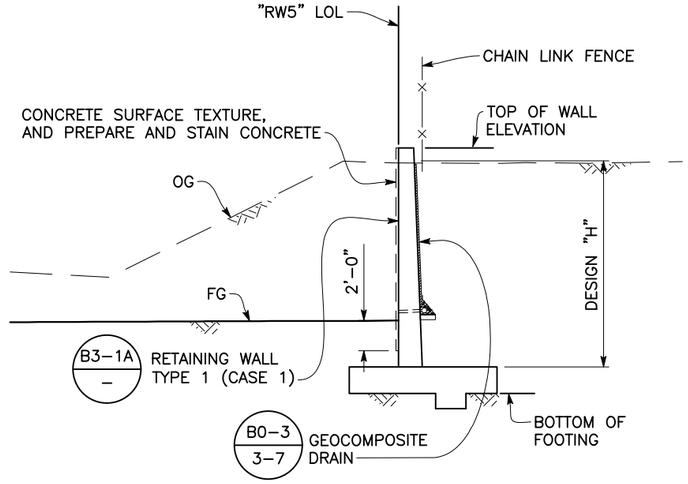
100% SUBMITTAL, NOT FOR CONSTRUCTION

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SECTION A-A

1" = 5'



SECTION B-B

1" = 5'

WALL PROFILE TABLE

LOCATION	"RW4" LOL STATION	TOP OF WALL Elev (ft) SEE NOTE 2
1	01+10.00	1678.53
2	01+18.00	1678.36
3	01+26.00	1678.20
4	01+34.00	1678.05
5	01+60.00	1677.64
6	01+82.56	1677.37
7	01+93.06	1677.38

WALL PROFILE TABLE

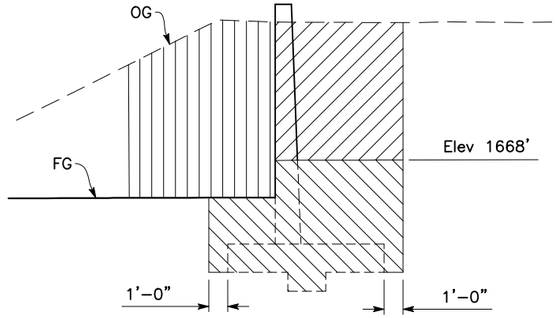
LOCATION	"RW5" LOL STATION	TOP OF WALL Elev (ft) SEE NOTE 2
8	0+10.00	1678.22
9	0+26.00	1678.64
10	0+34.00	1678.84
11	0+50.00	1679.26

QUANTITIES (RETAINING WALL 4)

BID ITEM	QTY	UNIT
STRUCTURE EXCAVATION (TYPE D)	297	CY
STRUCTURE EXCAVATION (RETAINING WALL)	194	CY
STRUCTURE BACKFILL (RETAINING WALL)	423	CY
STRUCTURAL CONCRETE, RETAINING WALL	126	CY
CONCRETE SURFACE TEXTURE	1,067	SQFT
BAR REINFORCING STEEL (RETAINING WALL)	19,003	LB
PREPARE AND STAIN CONCRETE	1,067	SQFT
CONCRETE BARRIER (TYPE 85SW)	73	LF

QUANTITIES (RETAINING WALL 5)

BID ITEM	QTY	UNIT
STRUCTURE EXCAVATION (TYPE D)	56	CY
STRUCTURE EXCAVATION (RETAINING WALL)	107	CY
STRUCTURE BACKFILL (RETAINING WALL)	123	CY
STRUCTURAL CONCRETE, RETAINING WALL	43	CY
CONCRETE SURFACE TEXTURE	277	SQFT
BAR REINFORCING STEEL (RETAINING WALL)	6,436	LB
PREPARE AND STAIN CONCRETE	277	SQFT



LIMITS OF PAYMENT FOR EXCAVATION

NO SCALE

NOTE: For Limits of Payment for Backfill, see Standard Plan A62B

LEGEND:

- Structure Excavation (Type D)
- Structure Excavation (Retaining Wall)
- Channel Excavation

NOTES:

1. For reinforcement and details not shown see "Retaining Wall Type 1 (Case 1) B3–1A / –.
2. Top of wall elevations vary linearly between points defined.

ST-34

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

CITY OF PLACERVILLE

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

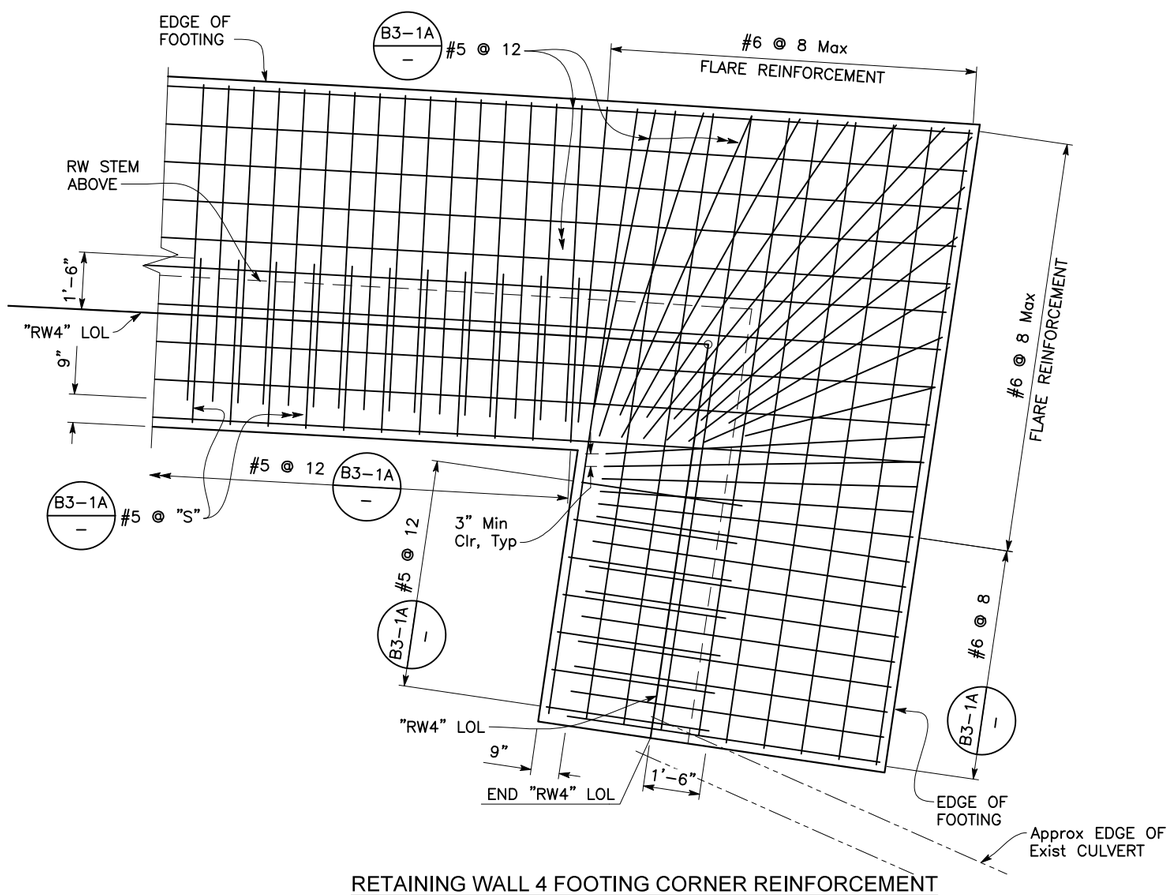
IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT
RETAINING WALL 4 & 5 - GENERAL PLAN NO. 2
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CISNEROS
DESIGNER: K. KAWAMOTO
REVIEWER: R. RUIZ

PROJECT NO.
CIP # 41410
SHEET NO. S34 OF S36

100% SUBMITTAL, NOT FOR CONSTRUCTION

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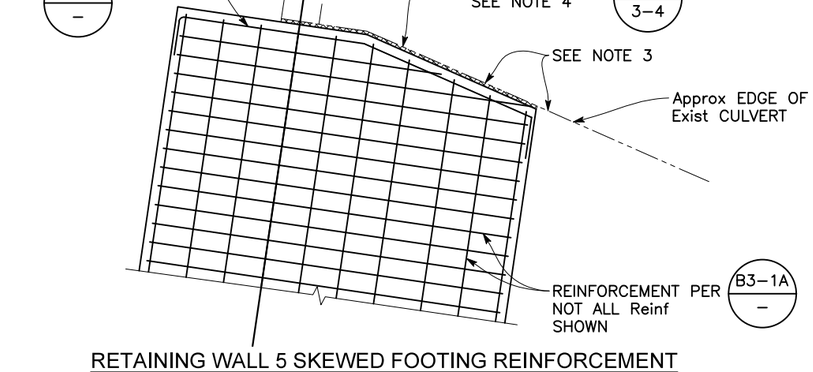


RETAINING WALL 4 FOOTING CORNER REINFORCEMENT

DETAIL 1

½" = 1'–0"

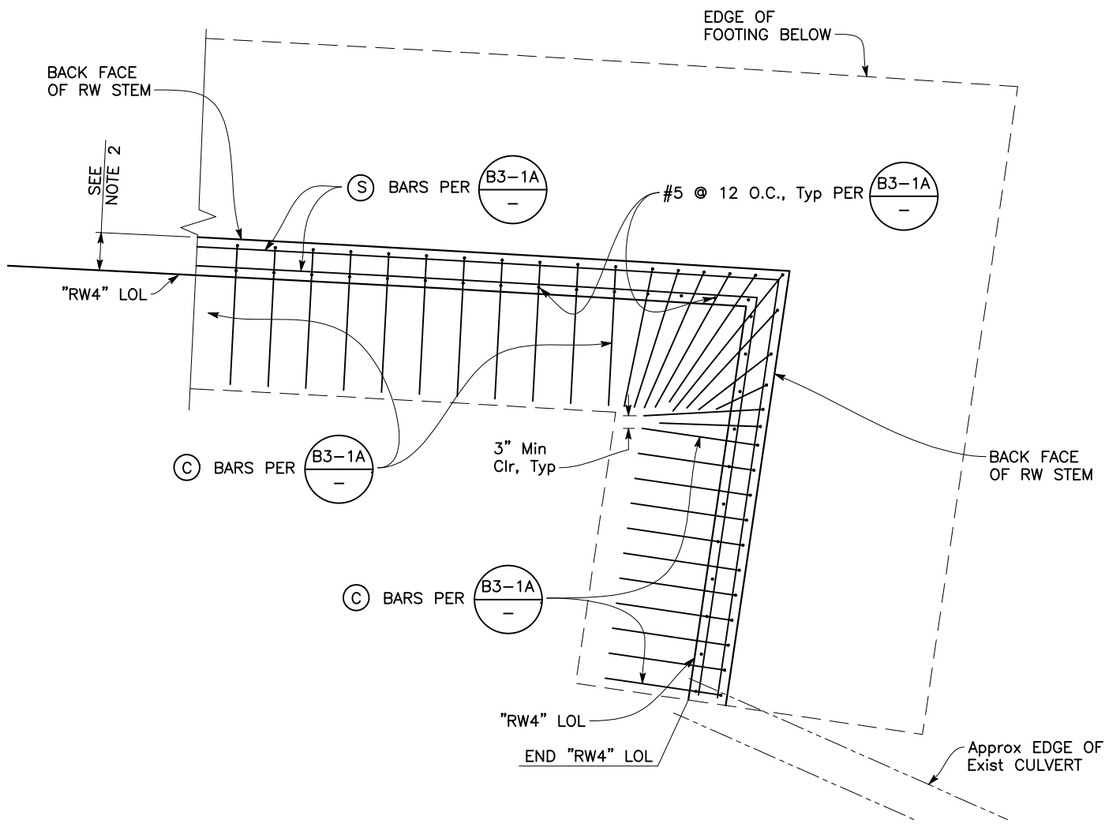
(TOP FOOTING REINFORCEMENT SHOWN. BOTTOM FOOTING REINFORCEMENT FLARE LAYOUT SIMILAR.)



RETAINING WALL 5 SKEWED FOOTING REINFORCEMENT

DETAIL 2

½" = 1'–0"



RETAINING WALL 4 STEM CORNER REINFORCEMENT

SECTION C-C

½" = 1'–0"

NOTES:

1. For reinforcement and details not shown see "Retaining Wall Type 1 (Case 1)" B3–1A.
2. Stem wall thickness varioes due to haunch and batter along wall height. Reinforcement shown is schematic and should be constructed per B3–1A.
3. Location of existing culvert is approximate. Contractor to verify location in field. Existing culvert wingwalls should be removed. Protect in place remaining culvert elements.
4. Location of existing culvert is approximate. Expansion joint should be applied at any points where retaining wall comes into contact with the existing culvert.

ST-35

NO.	REVISION DESCRIPTION	CHECKED BY	DATE

DRAWING SCALE
HOR. SCALE: AS SHOWN
VERT. SCALE: AS SHOWN

Dewberry
11060 WHITE ROCK ROAD SUITE 200
RANCHO CORDOVA, CA 95670

IMPROVEMENT PLANS FOR:
PLACERVILLE DRIVE BRIDGE REPLACEMENT

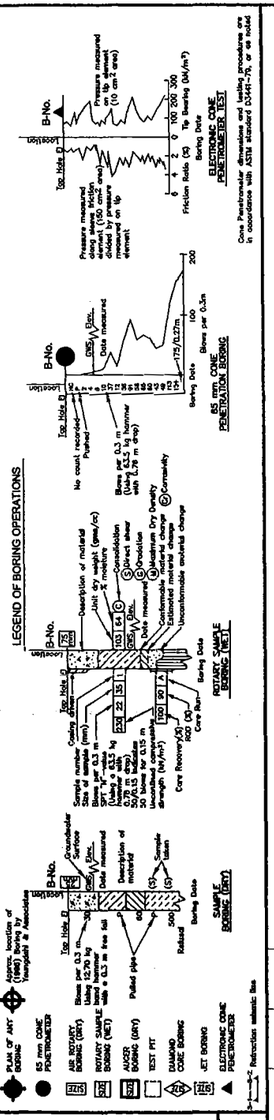
RETAINING WALL 4 AND 5 DETAILS
CITY OF PLACERVILLE CALIFORNIA

DRAWING INFO
DATE: 11/14/2025
DRAFTER: E. CENTENO
DESIGNER: K. KAWAKAMI
REVIEWER: R. RITZ

PROJECT NO.
CIP # 41410
SHEET NO. S35 OF S36

100% SUBMITTAL, NOT FOR CONSTRUCTION

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Caltrans Metric

DIST.	COUNTY	ROUTE	KP TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	ED	CR		S36	S36

REGISTERED GEOTECHNICAL ENGINEER — 4-5-00

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER FRANKLIN P. TABER No. 816 EXP. 3-31-04 GEOTECHNICAL STATE OF CALIFORNIA

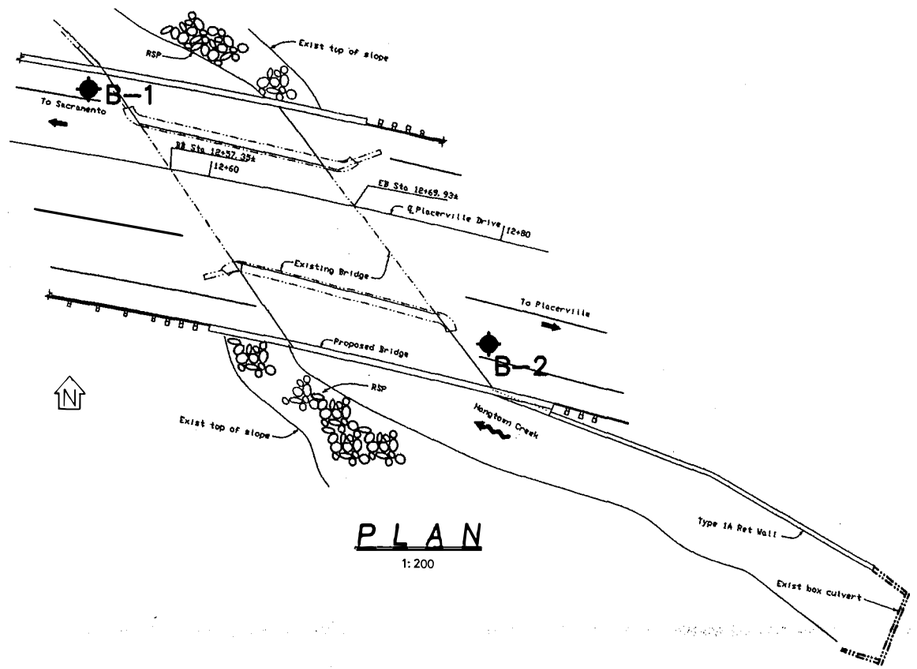
TABER CONSULTANTS
3911 West Capitol Avenue
West Sacramento, CA 95691-2116

JOB No. 1P2/397/209 LOCATION: 39120-F7: 395N: 221W

Quincy Engineering
3247 Ramos Circle
Sacramento, CA 95827

Elevation Reference

Brass Disk "U.S. Coast Geodetic Survey", set in concrete on NW wingwall of existing bridge--Elev. 511.348 m per Carlton Engineering, Inc.



PLAN
1: 200

NOTES

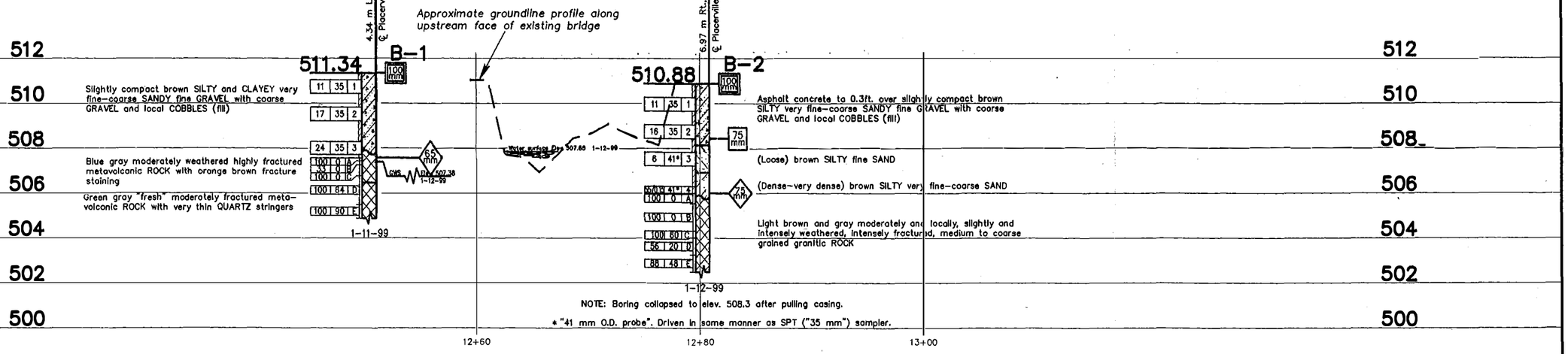
Field classification of soils was in accordance with ASTM D 2488-93 "Description and Identification of Soils (Visual-Manual Procedure)".

Consistency of soils shown in ( ) where estimated.

Rock description according to U.S. Department of Interior, Bureau of Reclamation "Engineering Geology Field Manual."

Standard Penetration tests were performed in accordance with ASTM D 1586-84 using a safety hammer operated with cat-head, rope and pully. Drill rods were 41 mm diameter "A"-rods; sampler was driven with brass liners.

Electronic media for plan view provided by Quincy Engineering.



PROFILE
1:100 Vertical
1:200 Horizontal

ST-36

DESIGN OVERSIGHT	DRAWN BY	M. D. Robertson	T. A. Krause FIELD INVESTIGATOR	METRIC "ALL DIMENSIONS AND ELEVATIONS ARE IN METRIC (m)"	PREPARED FOR THE CITY OF PLACERVILLE DEPARTMENT OF PUBLIC WORKS	PROJECT ENGINEER	BRIDGE NO. 25C-29 KP	PLACERVILLE DRIVE BRIDGE REPLACEMENT LOG OF TEST BORINGS
SIGN OFF DATE	CHECKED BY	T. A. Krause	DATE January 1999					

04/05/00 1P2397209.dwg 1=1

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS 0 20 40 60 80

CU EA

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET S36 OF S36