

STAGE 2

- ① SHIFT TRAFFIC
② CONSTRUCT APPROACHES AND BRIDGE

NOTE:

1. ADDITIONAL CONSTRUCTION AREA SIGNS, SEE SHEET CS-1.
2. SIGNS SHOULD BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARD 303(a) AND 303 (b). SIGNS MOUNTED ON PORTABLE BARRICADES SHALL BE AUTHORIZED AS DIRECTED BY COUNTY REPRESENTATIVE.

LEGEND:

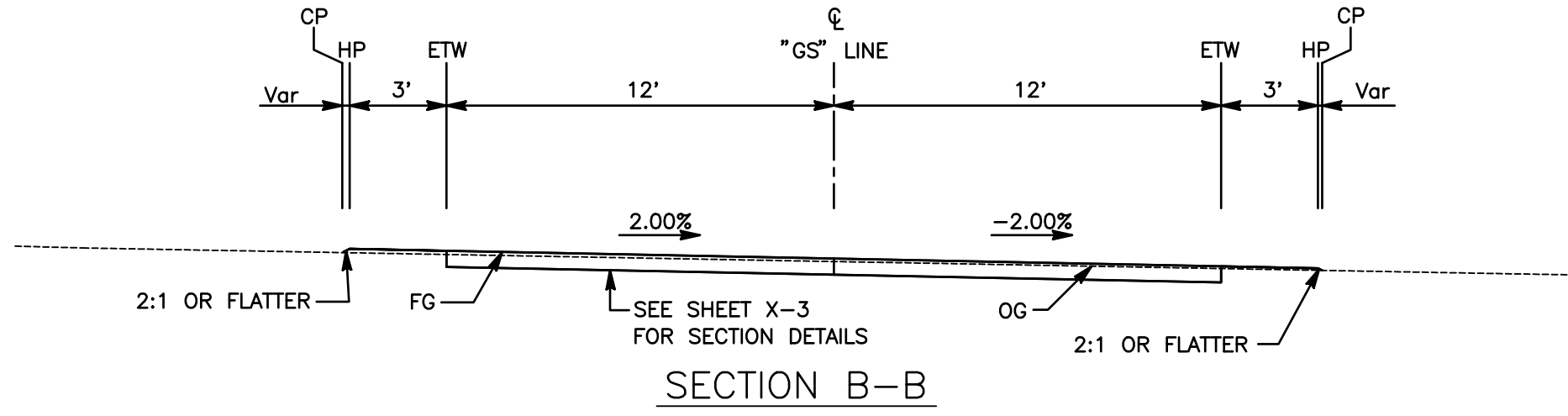
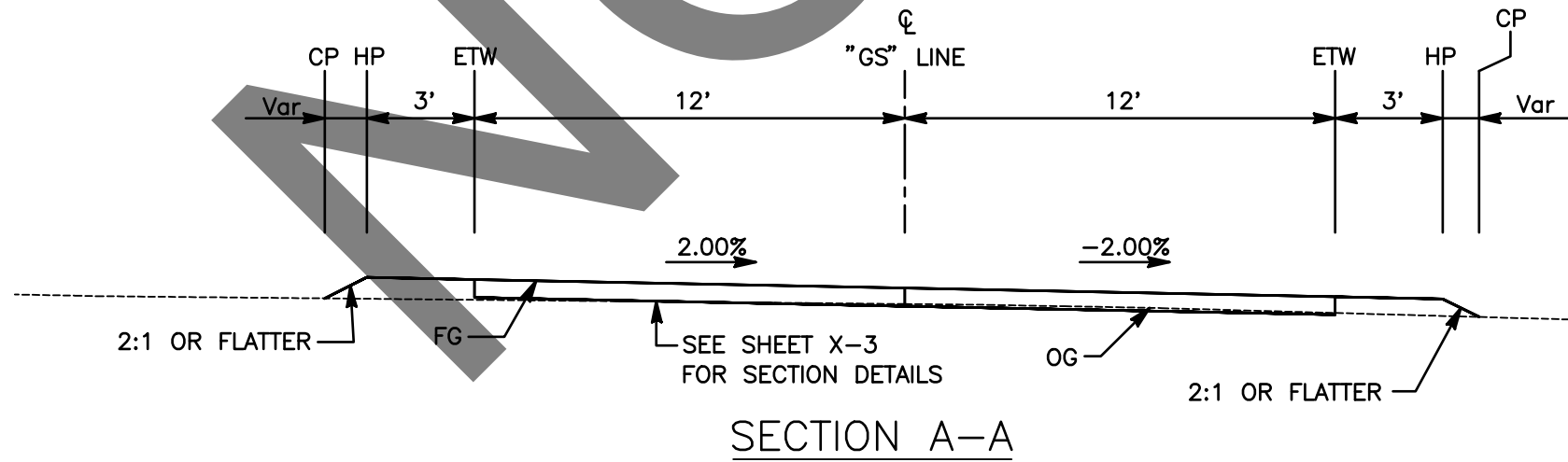
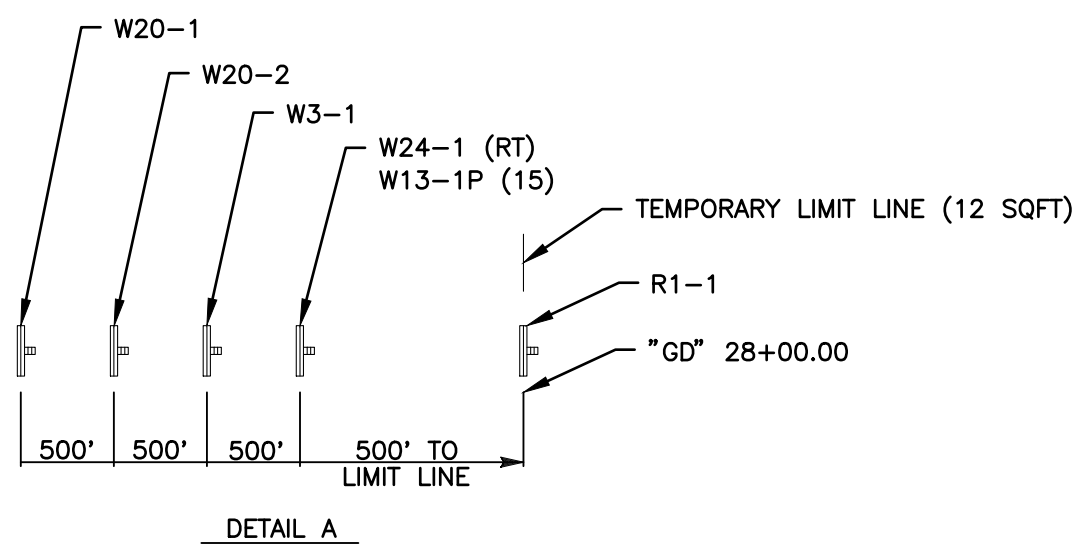
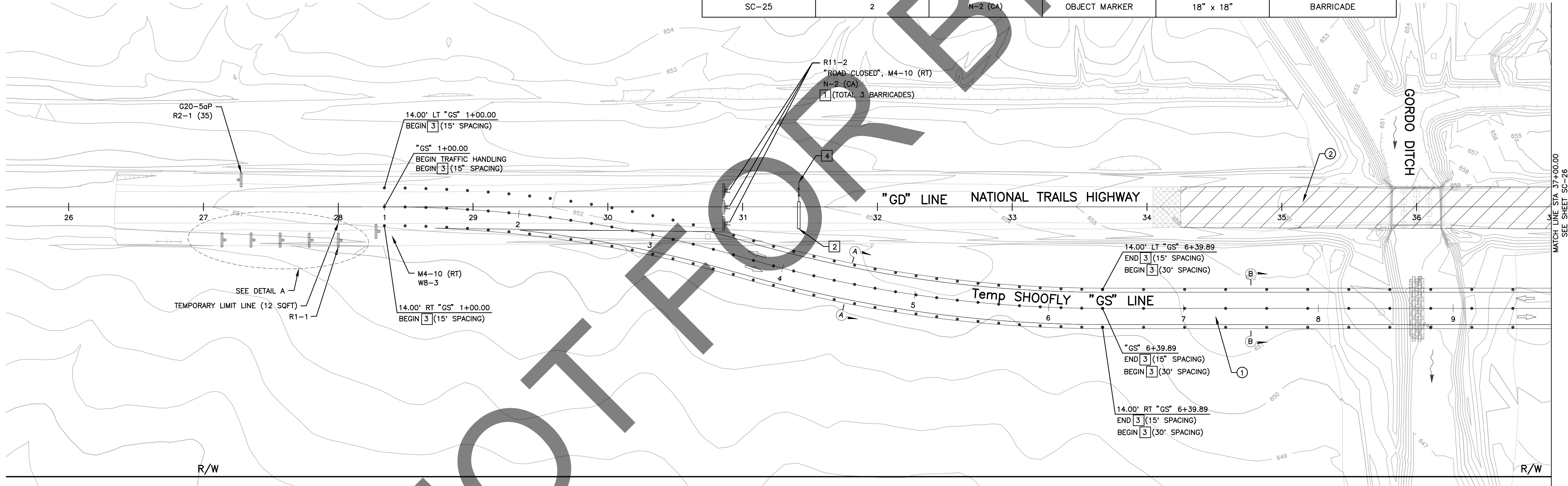
- CONSTRUCTION ZONE
DESERT TORTOISE FENCE
CONSTRUCTION AREA SIGN
BARRICADE
TRAFFIC DRUM
TEMPORARY FENCE
RAILING (TYPE K)

TRAFFIC CONSTRUCTION NOTES

1. PLACE TYPE III BARRICADE, PER CALTRANS STD PLAN A73C.
2. PLACE TEMPORARY RAILING (TYPE K) PER CALTRANS STD PLAN T3A.
3. PLACE TRAFFIC DRUMS PER CA MUTCD 2014, SECTION 6F.63.
4. PLACE TEMPORARY FENCE (TYPE CL-6).

CONSTRUCTION AREA SIGN SUMMARY

SHEET No.	CONSTRUCTION STAGE	TEMPORARY SIGN CODE	TEMPORARY SIGN MESSAGE	PANEL SIZE (IN)	2" SQUARE STEEL POST (SEE NOTE 2)
SC-25	2	R11-2	ROAD CLOSED	48" x 30"	BARRICADE
SC-25	2	M4-10 (RT)	DETOUR	48" x 18"	2
SC-25	2	M4-10 (RT)	DETOUR	48" x 18"	2
SC-25	2	W8-3	PAVEMENT ENDS	48" x 48"	-
SC-25	2	W20-1	ROAD WORK AHEAD	48" x 48"	1
SC-25	2	W3-1	STOP SIGN AHEAD	48" x 48"	1
SC-25	2	W20-2	DETOUR AHEAD	48" x 48"	1
SC-25	2	R1-1	STOP SIGN	30" x 30"	1
SC-25	2	W24-1 (RT)	DOUBLE REVERSE CURVE	48" x 48"	2
SC-25	2	W13-1P	ADVISORY SPEED (15 MPH)	30" x 30"	-
SC-25	2	G20-5aP	WORK ZONE	36" x 24"	-
SC-25	2	R2-1 (35)	SPEED LIMIT (35)	36" x 48"	1
SC-25	2	N-2 (CA)	OBJECT MARKER	18" x 18"	BARRICADE



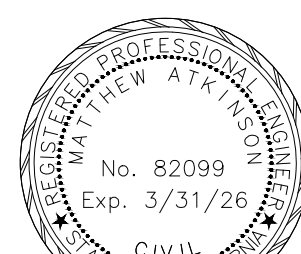
SC-25

PREPARED BY:

DOKKEN ENGINEERING
110 BLUE RAINE ROAD SUITE 200, FOLSOM, CA 95630-0642

MATTHEW ATKINSON, PROJECT ENGINEER
12/18/24
DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:
DH	DH	MA	ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER
LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER	1/15/2025 DATE	1/15/2025 DATE	1/15/25 DATE

BRIDGE REPLACEMENT ON
NATIONAL TRAILS HIGHWAY
AT 10 BRIDGES
STAGE CONSTRUCTION AND
TRAFFIC HANDLING PLAN
GORDO DITCH - STAGE 2

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L. 11805	H14917	1"=40'	94	240

STAGE 2

- ① SHIFT TRAFFIC
② CONSTRUCT APPROACHES AND BRIDGE

NOTE:

1. ADDITIONAL CONSTRUCTION AREA SIGNS, SEE SHEET CS-1.
2. SIGNS SHOULD BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARD 303(a) AND 303 (b). SIGNS MOUNTED ON PORTABLE BARRICADES SHALL BE AUTHORIZED AS DIRECTED BY COUNTY REPRESENTATIVE.

LEGEND:

- CONSTRUCTION ZONE
DESERT TORTOISE FENCE
CONSTRUCTION AREA SIGN
BARRICADE
TRAFFIC DRUM
TEMPORARY FENCE
RAILING (TYPE K)



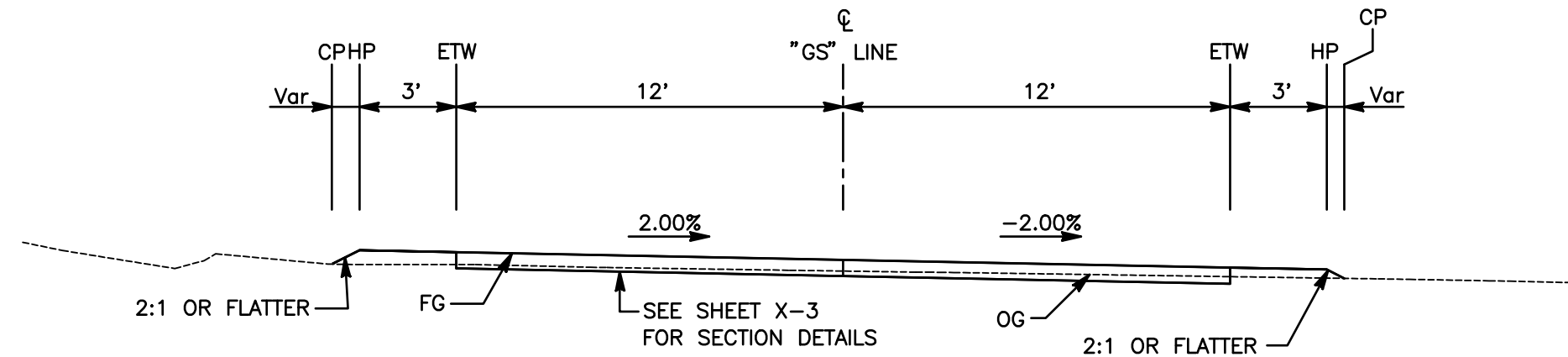
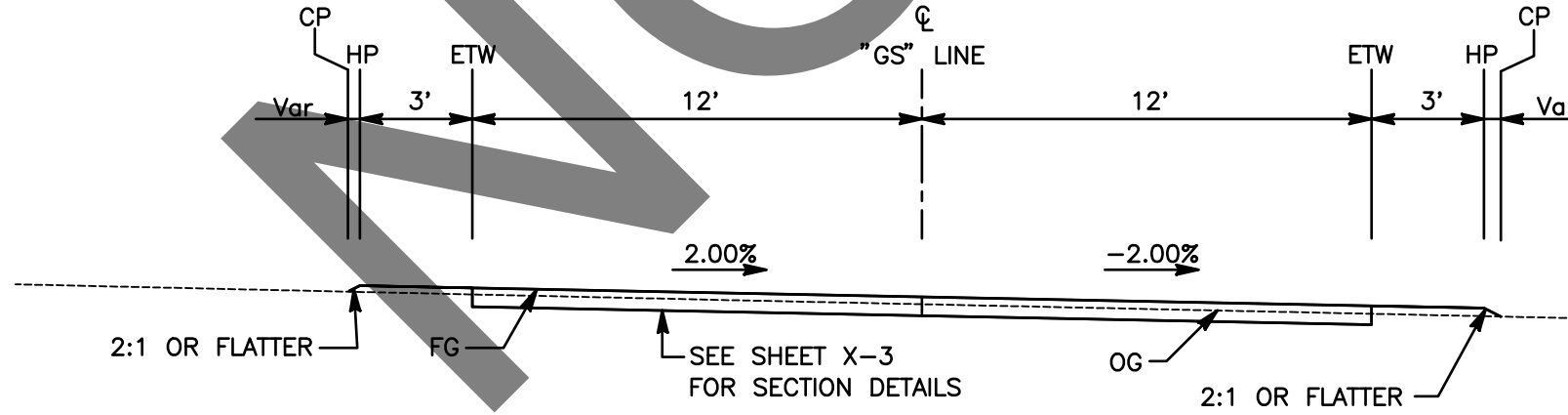
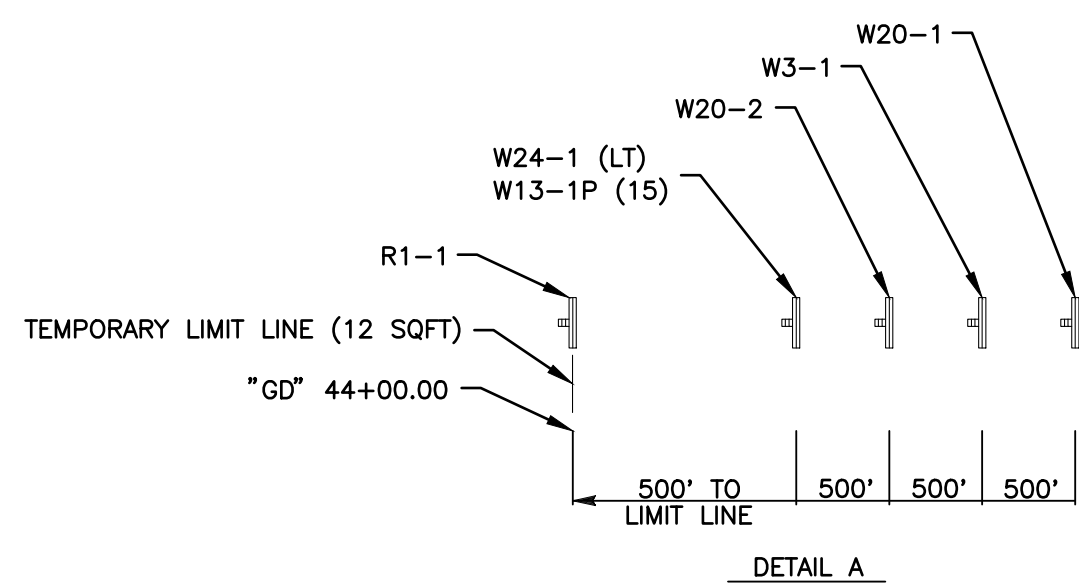
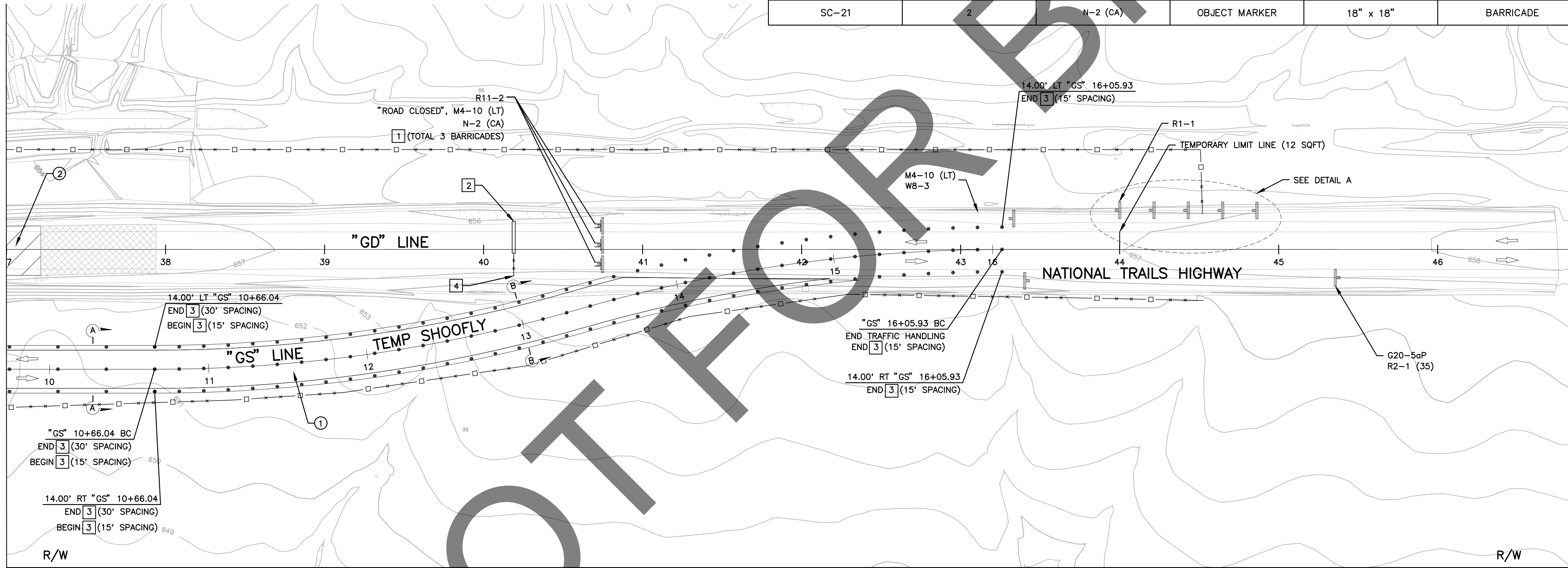
TRAFFIC CONSTRUCTION NOTES

1. PLACE TYPE III BARRICADE, PER CALTRANS STD PLAN A73C.
2. PLACE TEMPORARY RAILING (TYPE K) PER CALTRANS STD PLAN T3A.
3. PLACE TRAFFIC DRUMS PER CA MUTCD 2014, SECTION 6F.63.
4. PLACE TEMPORARY FENCE (TYPE CL-6).

CONSTRUCTION AREA SIGN SUMMARY

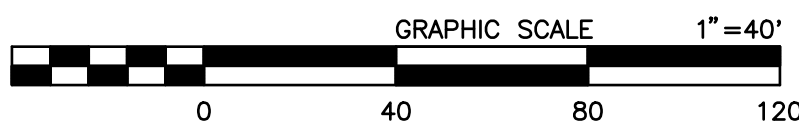
SHEET No.	CONSTRUCTION STAGE	TEMPORARY SIGN CODE	TEMPORARY SIGN MESSAGE	PANEL SIZE (IN)	2" SQUARE STEEL POST (SEE NOTE 2)
SC-26	2	R11-2	ROAD CLOSED	48" x 30"	BARRICADE
SC-26	2	M4-10 (LT)	DETOUR	48" x 18"	2
SC-26	2	M4-10 (LT)	DETOUR	48" x 18"	2
SC-26	2	W8-3	PAVEMENT ENDS	48" x 48"	-
SC-26	2	W20-1	ROAD WORK AHEAD	48" x 48"	1
SC-26	2	W3-1	STOP SIGN AHEAD	48" x 48"	1
SC-26	2	W20-2	DETOUR AHEAD	48" x 48"	1
SC-26	2	R1-1	STOP SIGN	30" x 30"	1
SC-26	2	W24-1 (LT)	DOUBLE REVERSE CURVE	48" x 48"	2
SC-26	2	W13-1P	ADVISORY SPEED (15 MPH)	30" x 30"	-
SC-26	2	G20-5aP	WORK ZONE	36" x 24"	-
SC-26	2	R2-1 (35)	SPEED LIMIT (35)	36" x 48"	1
SC-21	2	N-2 (CA)	OBJECT MARKER	18" x 18"	BARRICADE

MATCH LINE STA 37+00.00
SEE SHEET SC-25



SECTION A-A

SECTION B-B



PREPARED BY:

DOKKEN
ENGINEERING
110 BLUE RAINE ROAD SUITE 200, FOLSOM CA, 916-858-0642

MATTHEW ATKINSON, PROJECT ENGINEER
12/18/24
DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:
DH	DH	MA	ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER
LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER	1/15/2025 DATE	1/15/2025 DATE	01/21/25 DATE

BRIDGE REPLACEMENT ON
NATIONAL TRAILS HIGHWAY
AT 10 BRIDGES
STAGE CONSTRUCTION AND
TRAFFIC HANDLING PLAN
GORDO DITCH - STAGE 2

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L. 11805	H14917	1"=40'	95	240

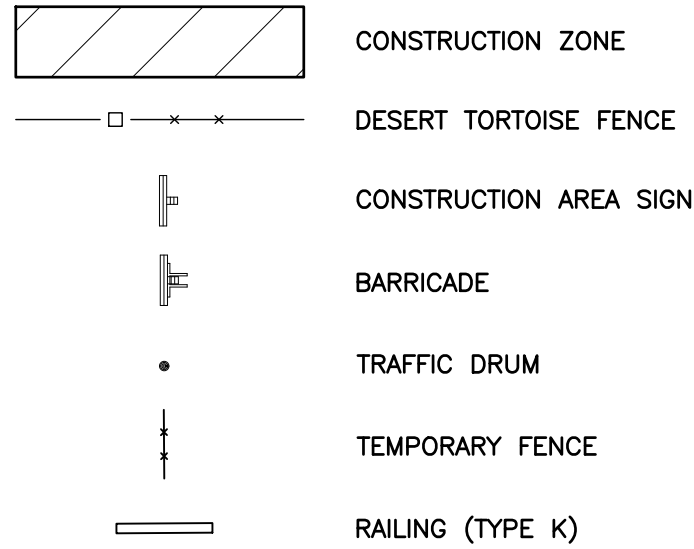
STAGE 2

- ① SHIFT TRAFFIC
② CONSTRUCT APPROACHES AND BRIDGE

NOTE:

1. ADDITIONAL CONSTRUCTION AREA SIGNS, SEE SHEET CS-1.
2. SIGNS SHOULD BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARD 303(a) AND 303 (b). SIGNS MOUNTED ON PORTABLE BARRICADES SHALL BE AUTHORIZED AS DIRECTED BY COUNTY REPRESENTATIVE.

LEGEND:

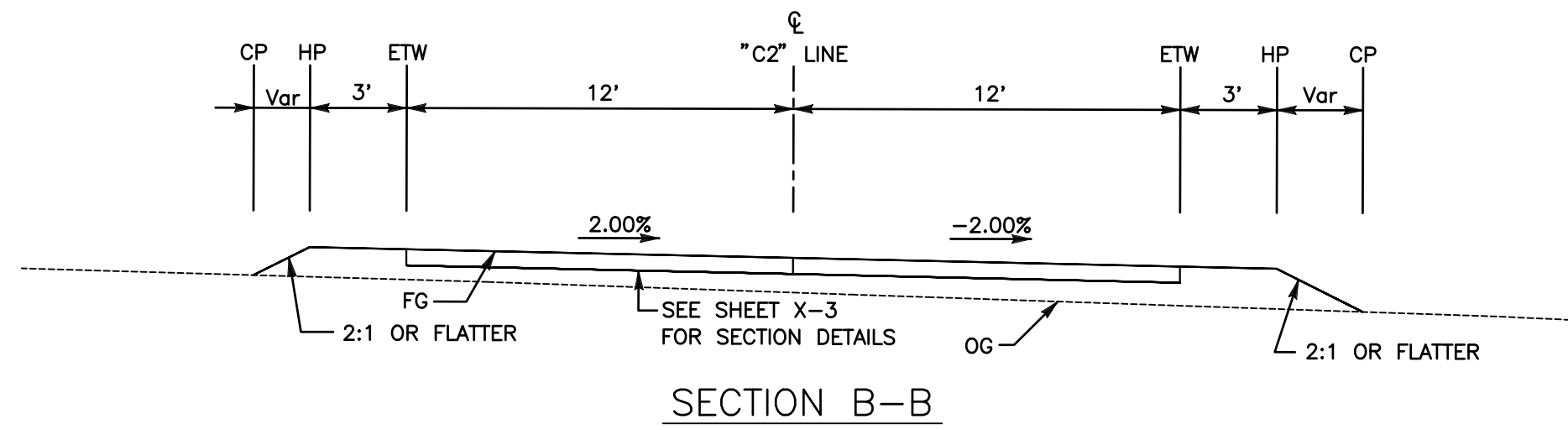
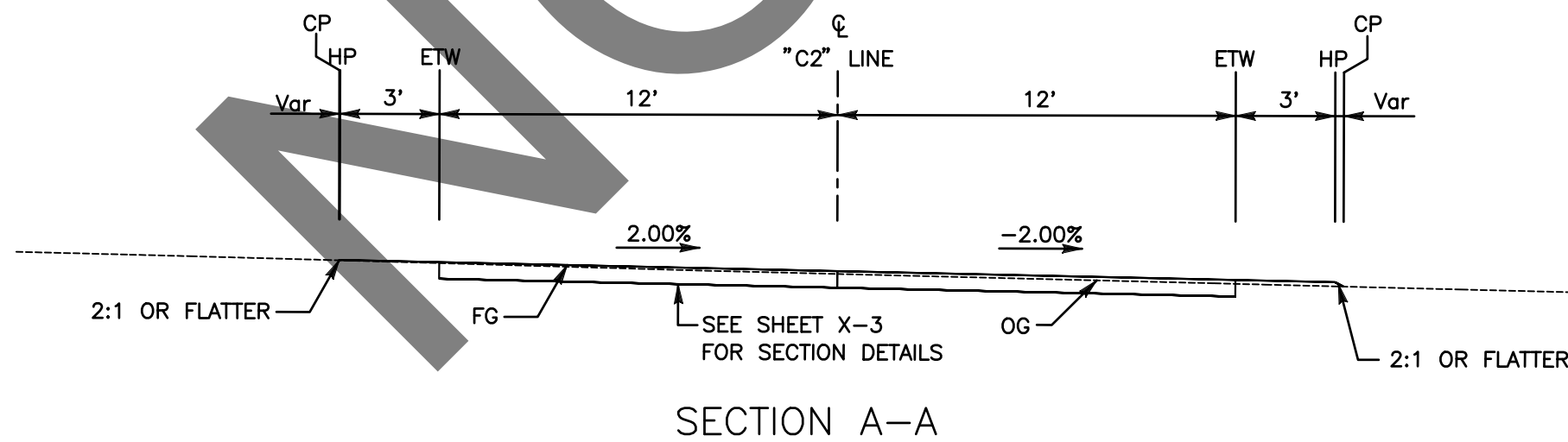
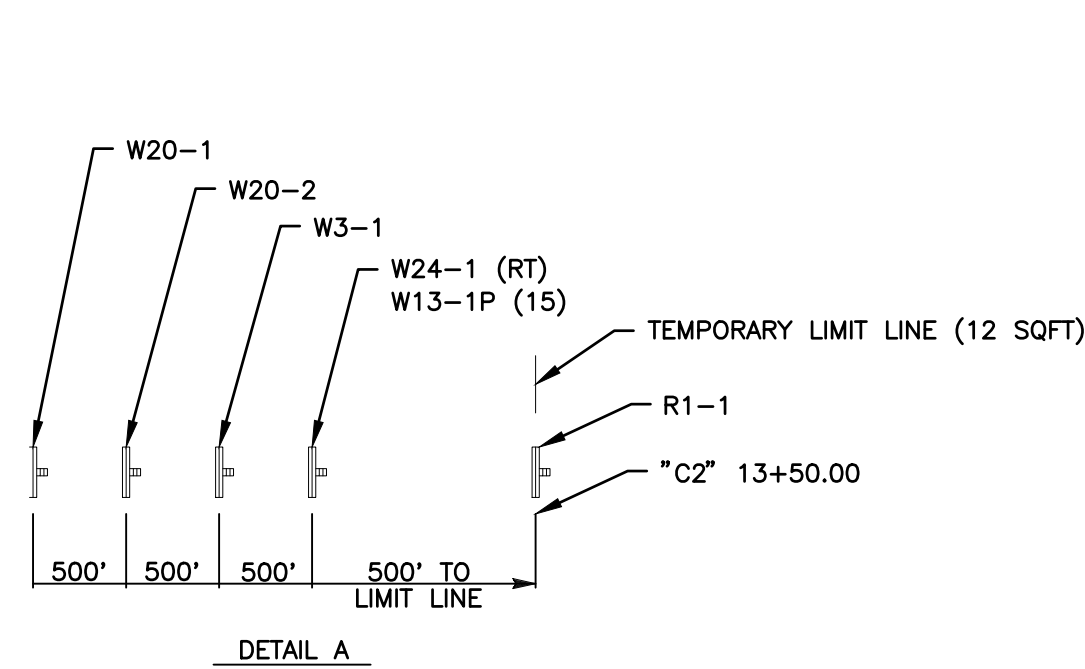
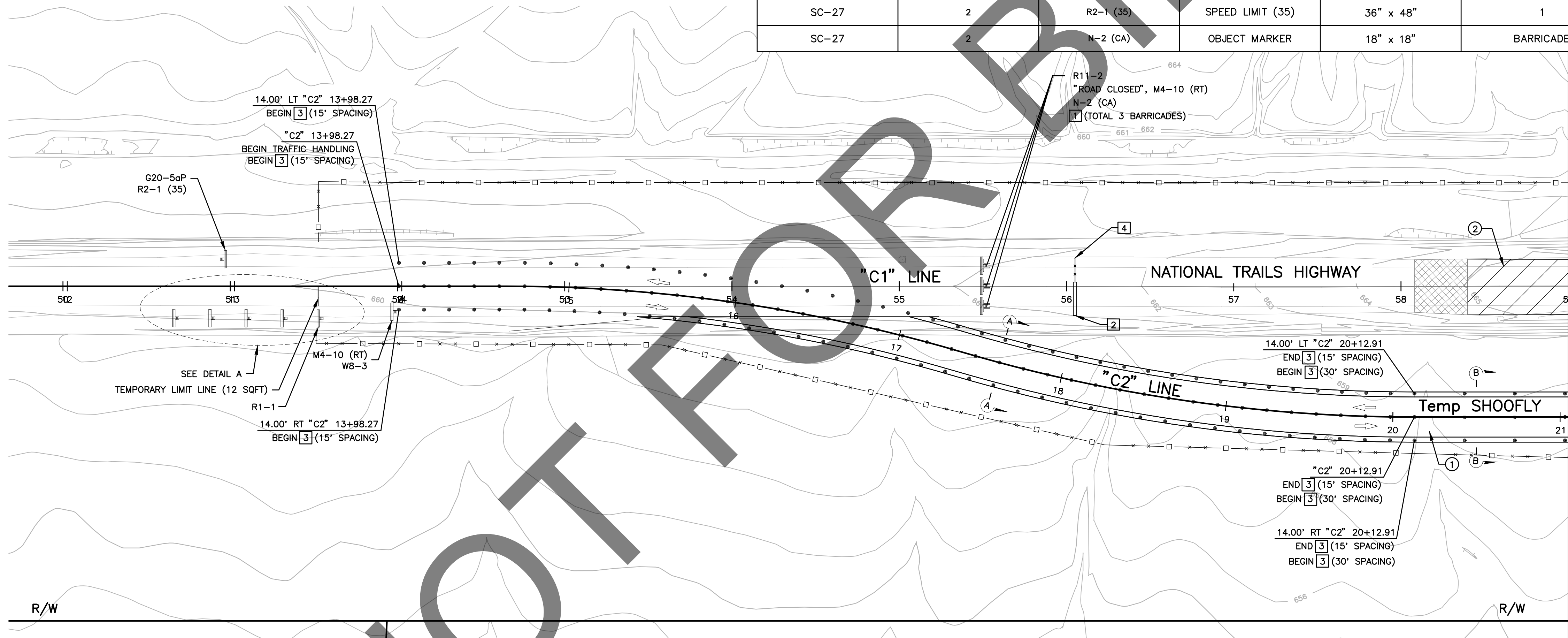


TRAFFIC CONSTRUCTION NOTES

1. PLACE TYPE III BARRICADE, PER CALTRANS STD PLAN A73C.
2. PLACE TEMPORARY RAILING (TYPE K) PER CALTRANS STD PLAN T3A.
3. PLACE TRAFFIC DRUMS PER CA MUTCD 2014, SECTION 6F.63.
4. PLACE TEMPORARY FENCE (TYPE CL-6).

CONSTRUCTION AREA SIGN SUMMARY

SHEET No.	CONSTRUCTION STAGE	TEMPORARY SIGN CODE	TEMPORARY SIGN MESSAGE	PANEL SIZE (IN)	2" SQUARE STEEL POST (SEE NOTE 2)
SC-27	2	R11-2	ROAD CLOSED	48" x 30"	BARRICADE
SC-27	2	M4-10 (RT)	DETOUR	48" x 18"	2
SC-27	2	M4-10 (RT)	DETOUR	48" x 18"	2
SC-27	2	W8-3	PAVEMENT ENDS	48" x 48"	-
SC-27	2	W20-1	ROAD WORK AHEAD	48" x 48"	1
SC-27	2	W3-1	STOP SIGN AHEAD	48" x 48"	1
SC-27	2	W20-2	DETOUR AHEAD	48" x 48"	1
SC-27	2	R1-1	STOP SIGN	30" x 30"	1
SC-27	2	W24-1 (RT)	DOUBLE REVERSE CURVE	48" x 48"	2
SC-27	2	W13-1P	ADVISORY SPEED (15 MPH)	30" x 30"	-
SC-27	2	G20-5aP	WORK ZONE	36" x 24"	-
SC-27	2	R2-1 (35)	SPEED LIMIT (35)	36" x 48"	1
SC-27	2	N-2 (CA)	OBJECT MARKER	18" x 18"	BARRICADE



SC-27

PREPARED BY:

DOKKEN ENGINEERING
110 BLUE RAINE ROAD SUITE 200, FOLSOM CA, 916-858-0642
MATTHEW ATKINSON, PROJECT ENGINEER
12/16/24 DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DH	DRAWN BY: DH	CHECKED BY: MA	RECOMMENDED BY: ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER 1/15/25 DATE
APPROVED BY: LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER 1/15/2025 DATE		APPROVED BY: GRANT MANN, P.E. DEPUTY DIRECTOR 01/21/25 DATE	

BRIDGE REPLACEMENT ON NATIONAL TRAILS HIGHWAY AT 10 BRIDGES STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN CERULIA DITCH - STAGE 2			
J.L. REF. J.L. 11808	W.O. NO. H14918	PLAN SCALE 1"=40'	SHT. NO. 96 TOT. SHT'S. 240

FILE NO. 586600-120,
586600-110, AND 586600-100

FILE NO. 586600-120, 586600-110, AND 586600-100

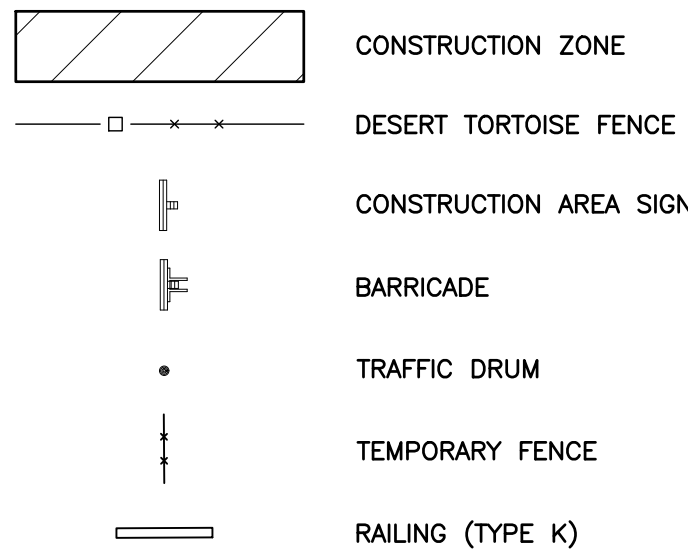
STAGE 2

- ① SHIFT TRAFFIC
② CONSTRUCT APPROACHES AND BRIDGE

NOTE:

1. ADDITIONAL CONSTRUCTION AREA SIGNS, SEE SHEET CS-1.
2. SIGNS SHOULD BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARD 303(a) AND 303 (b). SIGNS MOUNTED ON PORTABLE BARRICADES SHALL BE AUTHORIZED AS DIRECTED BY COUNTY REPRESENTATIVE.

LEGEND:



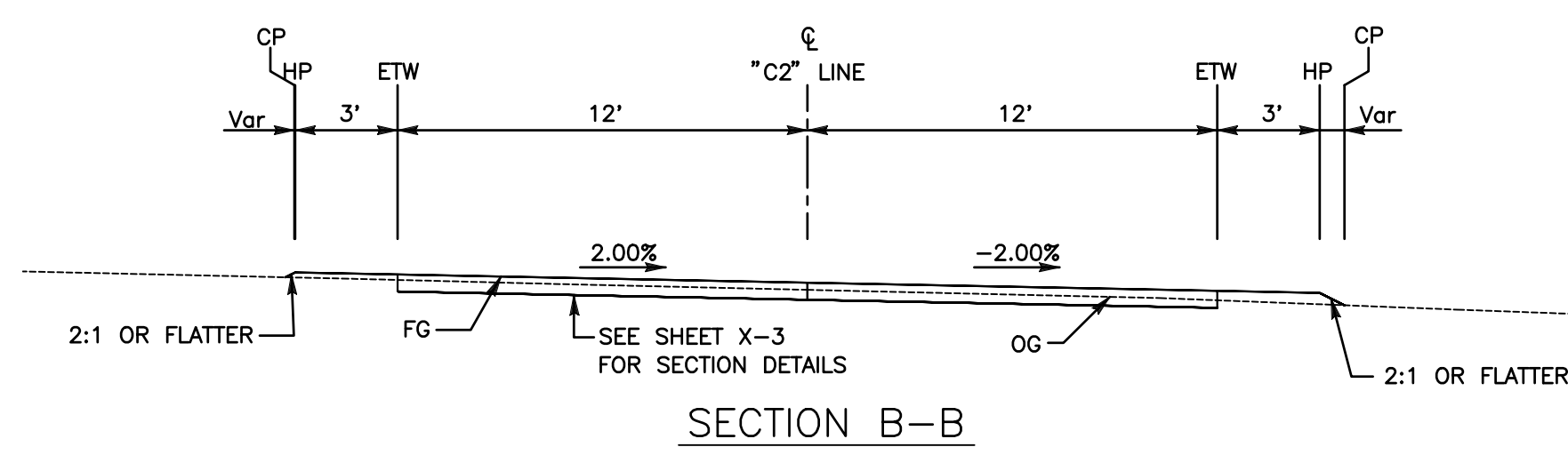
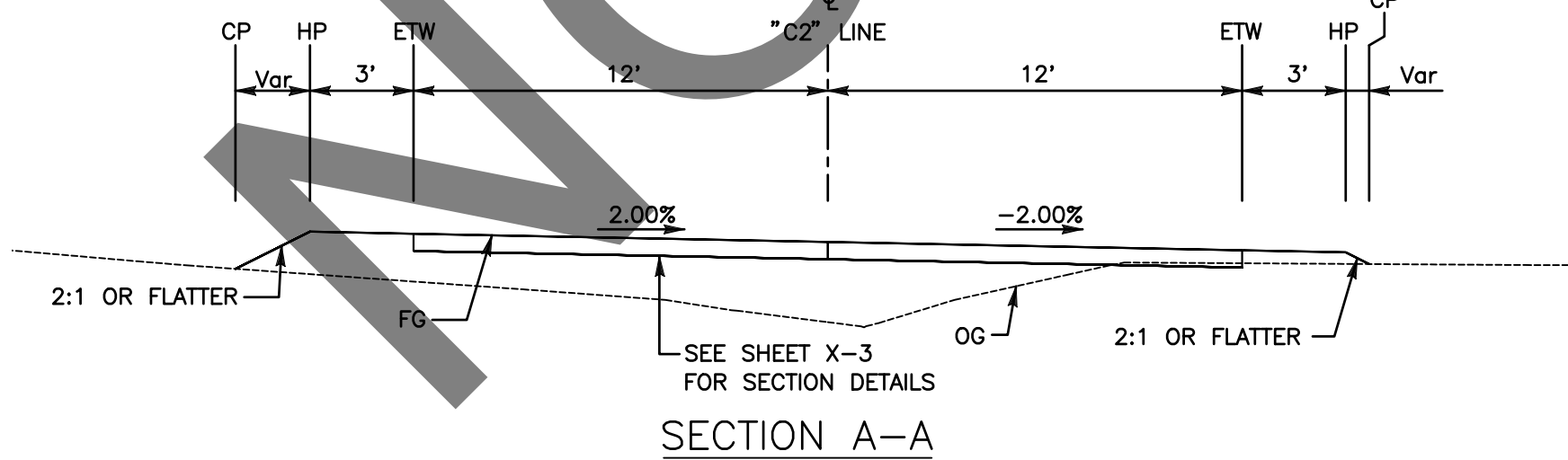
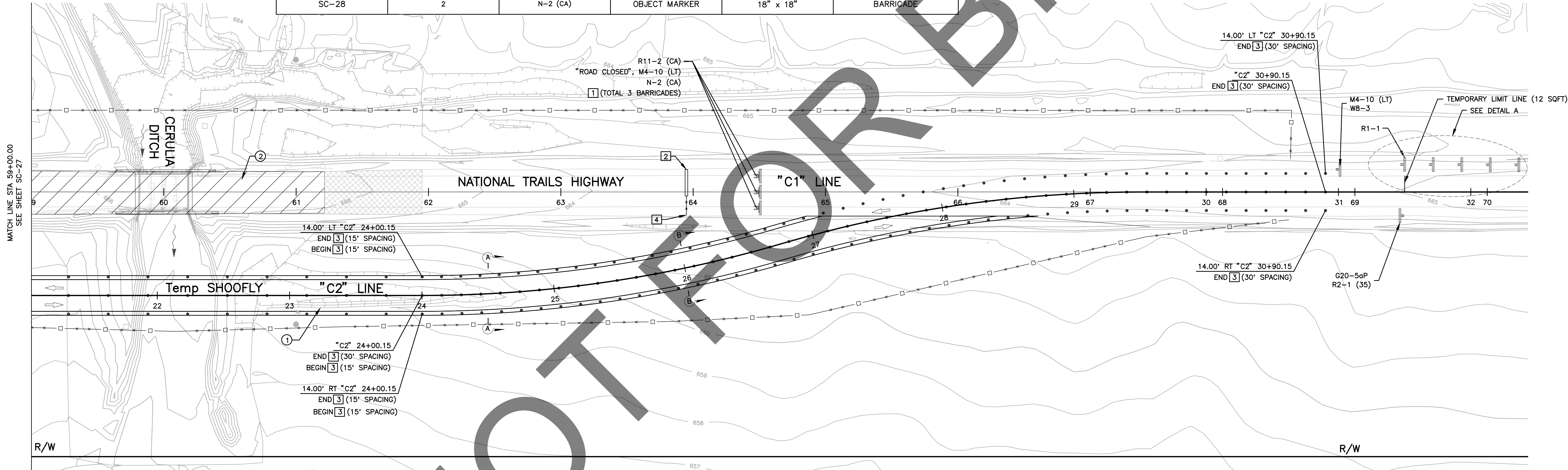
CONSTRUCTION AREA SIGN SUMMARY

SHEET No.	CONSTRUCTION STAGE	TEMPORARY SIGN CODE	TEMPORARY SIGN MESSAGE	PANEL SIZE (IN)	2" SQUARE STEEL POST (SEE NOTE 2)
SC-28	2	R11-2	ROAD CLOSED	48" x 30"	BARRICADE
SC-28	2	M4-10 (LT)	DETOUR	48" x 18"	2
SC-28	2	M4-10 (LT)	DETOUR	48" x 18"	2
SC-28	2	W8-3	PAVEMENT ENDS	48" x 48"	-
SC-28	2	W20-1	ROAD WORK AHEAD	48" x 48"	1
SC-28	2	W3-1	STOP SIGN AHEAD	48" x 48"	1
SC-28	2	W20-2	DETOUR AHEAD	48" x 48"	1
SC-28	2	R1-1	STOP SIGN	30" x 30"	1
SC-28	2	W24-1 (LT)	DOUBLE REVERSE CURVE	48" x 48"	2
SC-28	2	W13-1P	ADVISORY SPEED (15 MPH)	30" x 30"	-
SC-28	2	G20-5aP	WORK ZONE	36" x 24"	-
SC-28	2	R2-1 (35)	SPEED LIMIT (35)	36" x 48"	1
SC-28	2	N-2 (CA)	OBJECT MARKER	18" x 18"	BARRICADE

TRAFFIC CONSTRUCTION NOTES

1. PLACE TYPE III BARRICADE, PER CALTRANS STD PLAN A73C.
2. PLACE TEMPORARY RAILING (TYPE K) PER CALTRANS STD PLAN T3A.
3. PLACE TRAFFIC DRUMS PER CA MUTCD 2014, SECTION 6F.63.
4. PLACE TEMPORARY FENCE (TYPE CL-6).

N

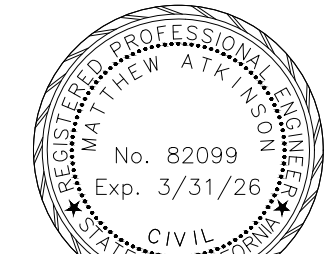


SC-28

PREPARED BY:



MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DH	DRAWN BY: DH	CHECKED BY: MA	RECOMMENDED BY: ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER 1/15/25 DATE
APPROVED BY: LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER 1/15/2025 DATE			01/21/25 DATE

BRIDGE REPLACEMENT ON NATIONAL TRAILS HIGHWAY AT 10 BRIDGES STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN CERULIA DITCH - STAGE 2			
J.L. REF. J.L. 11808	W.O. NO. H14918	PLAN SCALE 1"=40'	SHT. NO. 97
TOT. SHT'S. 240			

FILE NO. 586600-120,
586600-110, AND 586600-100

FILE NO. 586600-120, 586600-110, AND 586600-100

STAGE 2

- ① SHIFT TRAFFIC
② CONSTRUCT APPROACHES AND BRIDGE

NOTE:

1. ADDITIONAL CONSTRUCTION AREA SIGNS, SEE SHEET CS-1.
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LEGEND:

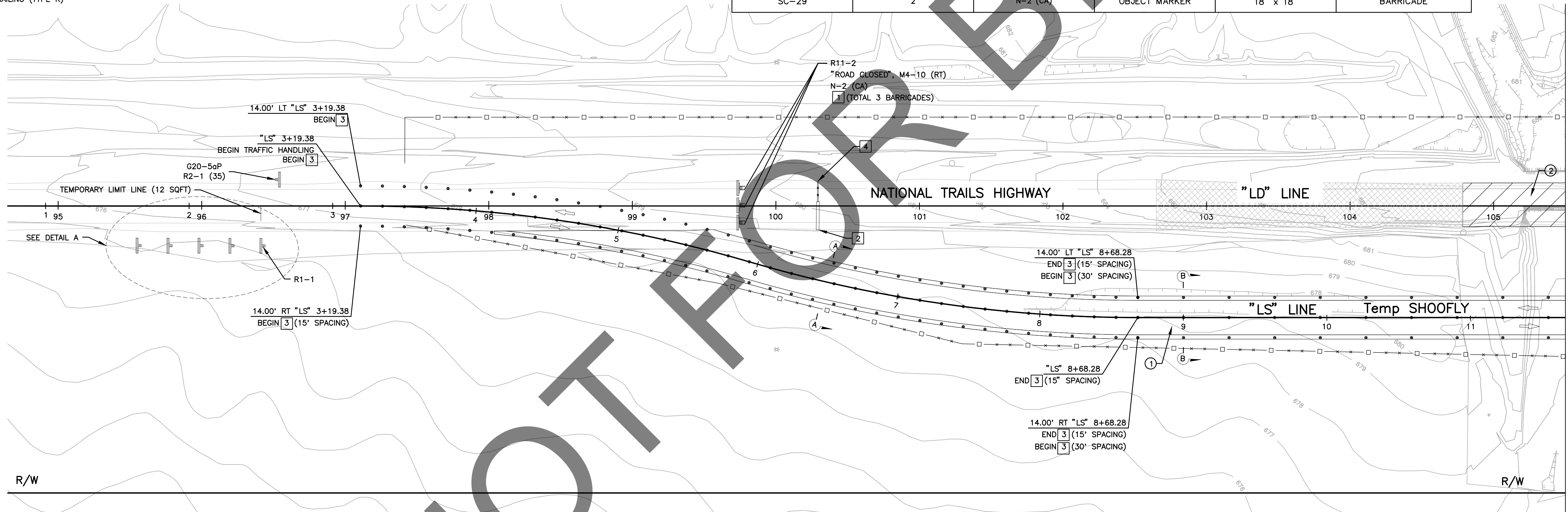
- CONSTRUCTION ZONE
DESERT TORTOISE FENCE
CONSTRUCTION AREA SIGN
BARRICADE
TRAFFIC DRUM
TEMPORARY FENCE
RAILING (TYPE K)

TRAFFIC CONSTRUCTION NOTES

1. PLACE TYPE III BARRICADE, PER CALTRANS STD PLAN A73C.
2. PLACE TEMPORARY RAILING (TYPE K) PER CALTRANS STD PLAN T3A.
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CONSTRUCTION AREA SIGN SUMMARY

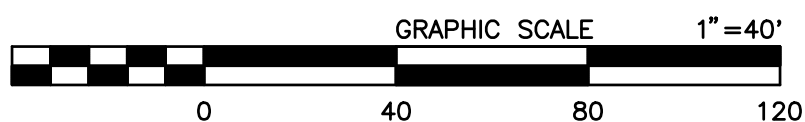
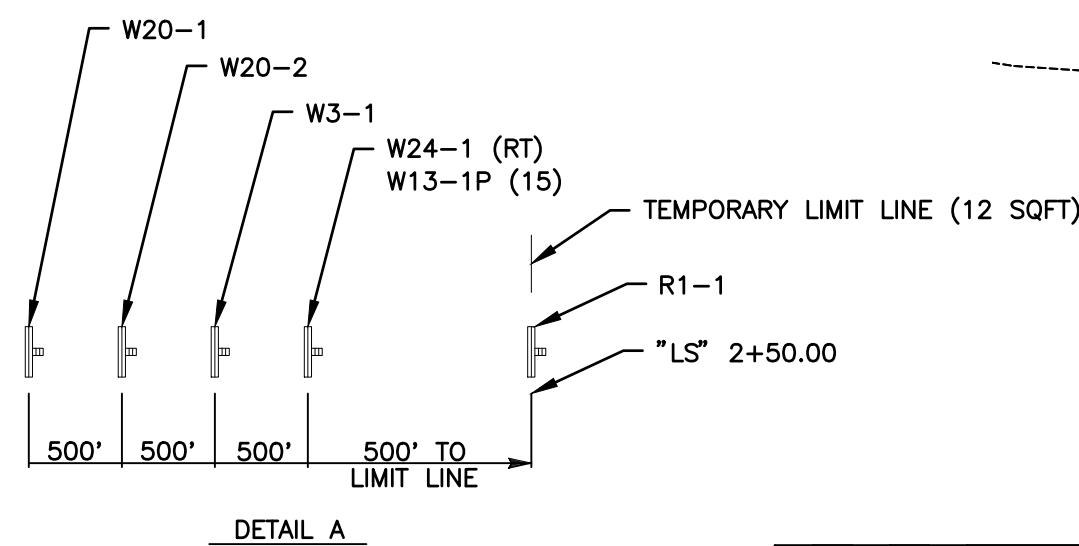
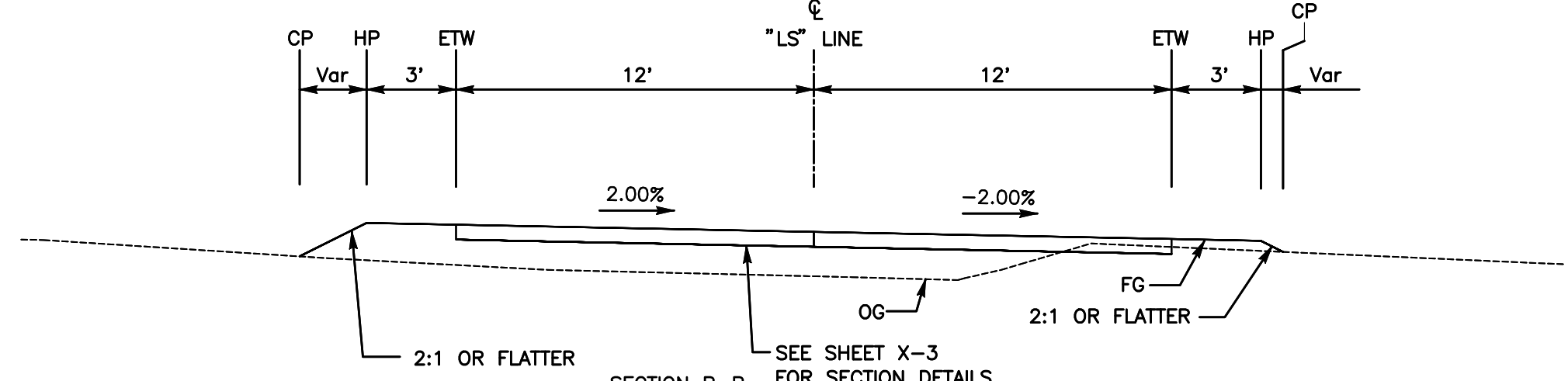
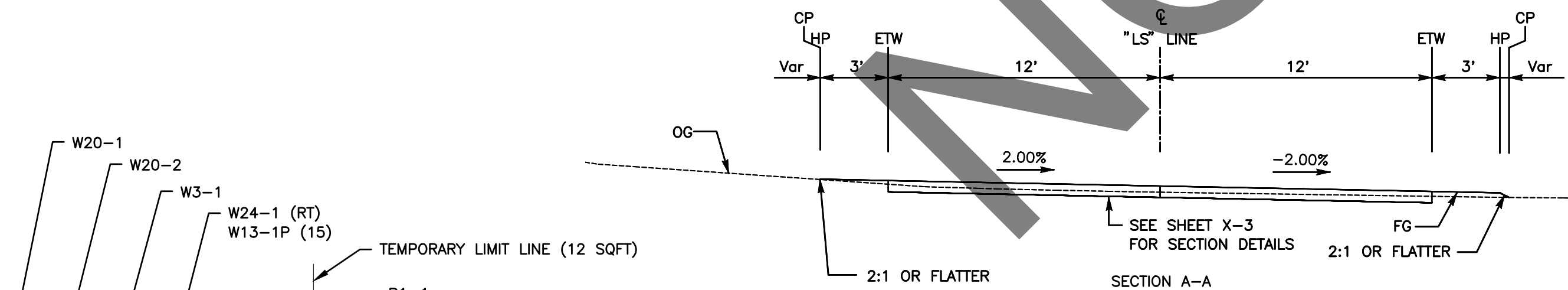
SHEET No.	CONSTRUCTION STAGE	TEMPORARY SIGN CODE	TEMPORARY SIGN MESSAGE	PANEL SIZE (IN)	2" SQUARE STEEL POST (SEE NOTE 2)
SC-29	2	R11-2	ROAD CLOSED	48" x 30"	BARRICADE
SC-29	2	M4-10 (RT)	DETOUR	48" x 18"	2
SC-29	2	M4-10 (RT)	DETOUR	48" x 18"	2
SC-29	2	W8-3	PAVEMENT ENDS	48" x 48"	-
SC-29	2	W20-1	ROAD WORK AHEAD	48" x 48"	1
SC-29	2	W3-1	STOP SIGN AHEAD	48" x 48"	1
SC-29	2	W20-2	DETOUR AHEAD	48" x 48"	1
SC-29	2	R1-1	STOP SIGN	30" x 30"	1
SC-29	2	W24-1 (RT)	DOUBLE REVERSE CURVE	48" x 48"	2
SC-29	2	W13-1P	ADVISORY SPEED (15 MPH)	30" x 30"	-
SC-29	2	G20-5aP	WORK ZONE	36" x 24"	-
SC-29	2	R2-1 (35)	SPEED LIMIT (35)	36" x 48"	1
SC-29	2	N-2 (CA)	OBJECT MARKER	18" x 18"	BARRICADE



R/W

R/W

MATCH LINE STA 105+50.00
SEE SHEET SC-30



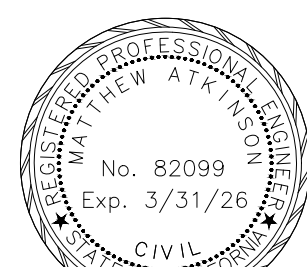
PREPARED BY:

DOKKEN ENGINEERING
110 BLUE RAINE ROAD SUITE 200, FOLSOM, CA 95630-0642

MATTHEW ATKINSON, PROJECT ENGINEER
12/16/24
DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:
DH	DH	MA	ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER
1/15/2025	1/15/2025	1/15/2025	1/15/25
LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER		GRANT MANN, P.E. DEPUTY DIRECTOR	

BRIDGE REPLACEMENT ON
NATIONAL TRAILS HIGHWAY
AT 10 BRIDGES
STAGE CONSTRUCTION AND
TRAFFIC HANDLING PLAN
LEITH DITCH - STAGE 2

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L. 11803	H14915	1"=40'	98	240

FILE NO. 586600-120,
586600-110, AND 586600-100

FILE NO. 586600-120, 586600-110, AND 586600-100

STAGE 2

- ① SHIFT TRAFFIC
② CONSTRUCT APPROACHES AND BRIDGE

NOTE:

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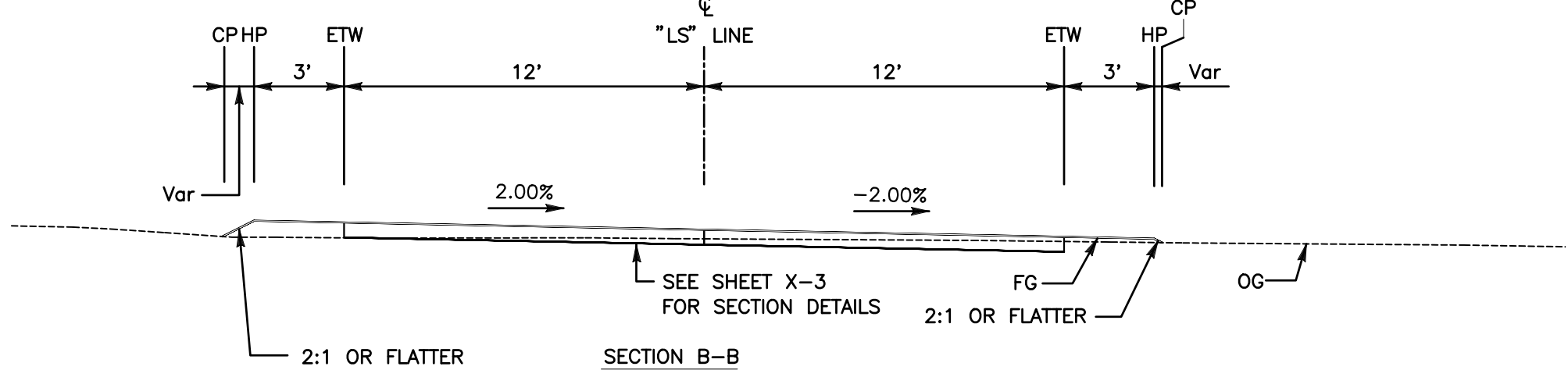
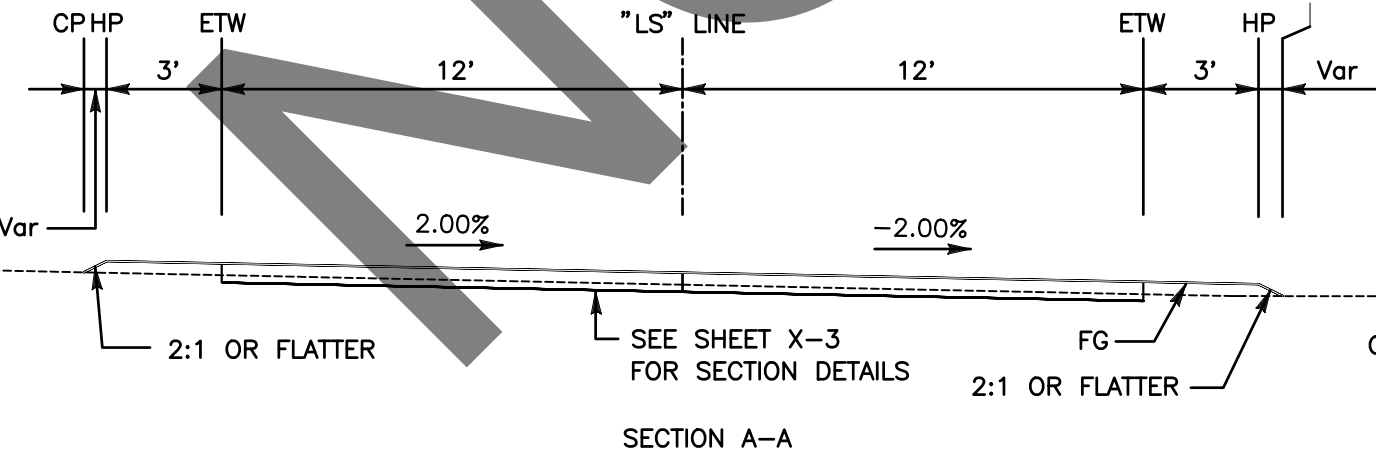
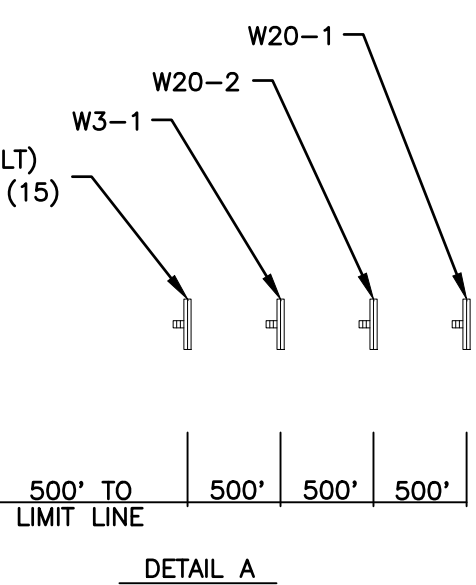
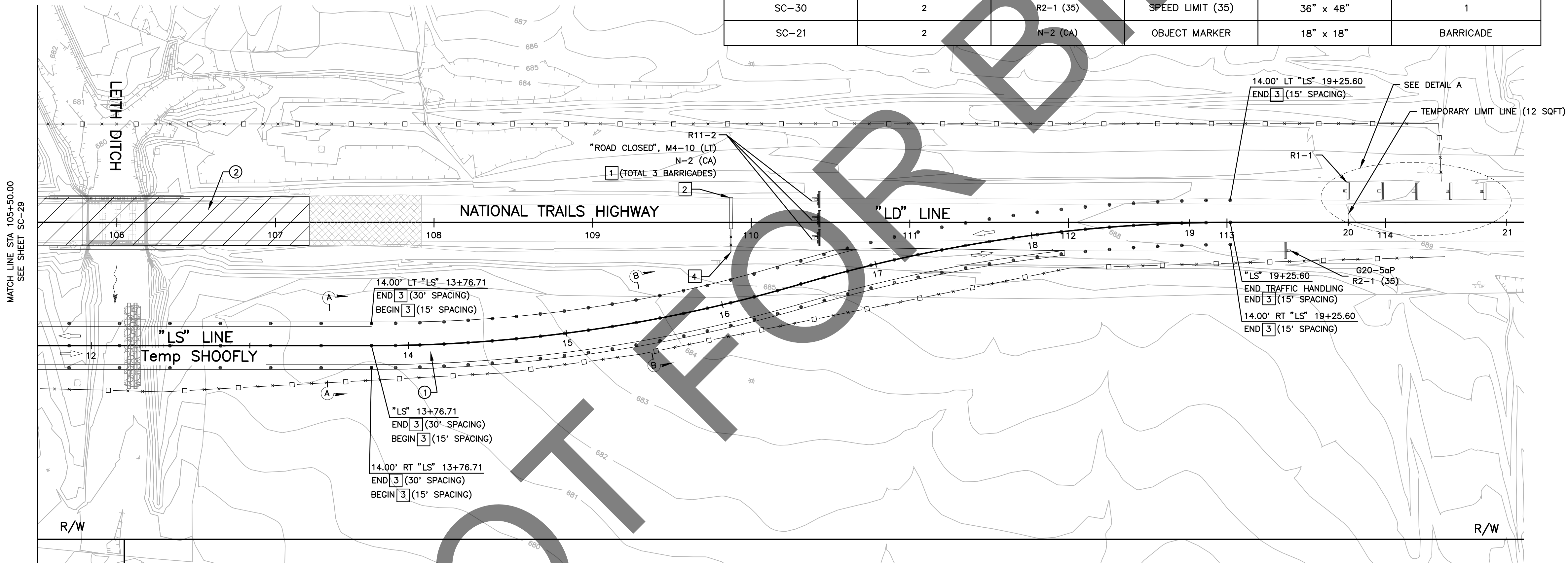
- CONSTRUCTION ZONE
DESERT TORTOISE FENCE
CONSTRUCTION AREA SIGN
BARRICADE
TRAFFIC DRUM
TEMPORARY FENCE
RAILING (TYPE K)

TRAFFIC CONSTRUCTION NOTES

- 1 PLACE TYPE III BARRICADE, PER CALTRANS STD PLAN A73C.
2 PLACE TEMPORARY RAILING (TYPE K) PER CALTRANS STD PLAN T3A.
3 PLACE TRAFFIC DRUMS PER CA MUTCD 2014, SECTION 6F.63
4 PLACE TEMPORARY FENCE (TYPE CL-6) PER CALTRANS STD PLAN A85.

CONSTRUCTION AREA SIGN SUMMARY

SHEET No.	CONSTRUCTION STAGE	TEMPORARY SIGN CODE	TEMPORARY SIGN MESSAGE	PANEL SIZE (IN)	2" SQUARE STEEL POST (SEE NOTE 2)
SC-30	2	R11-2	ROAD CLOSED	48" x 30"	BARRICADE
SC-30	2	M4-10 (LT)	DETOUR	48" x 18"	2
SC-30	2	M4-10 (LT)	DETOUR	48" x 18"	2
SC-30	2	W8-3	PAVEMENT ENDS	48" x 48"	-
SC-30	2	W20-1	ROAD WORK AHEAD	48" x 48"	1
SC-30	2	W3-1	STOP SIGN AHEAD	48" x 48"	1
SC-30	2	W20-2	DETOUR AHEAD	48" x 48"	1
SC-30	2	R1-1	STOP SIGN	30" x 30"	1
SC-30	2	W24-1 (LT)	DOUBLE REVERSE CURVE	48" x 48"	2
SC-30	2	W13-1P	ADVISORY SPEED (15 MPH)	30" x 30"	-
SC-30	2	G20-50P	WORK ZONE	36" x 24"	-
SC-30	2	R2-1 (35)	SPEED LIMIT (35)	36" x 48"	1
SC-21	2	N-2 (CA)	OBJECT MARKER	18" x 18"	BARRICADE



SC-30

PREPARED BY:

DOKKEN
ENGINEERING
110 BLUE RAINE ROAD SUITE 200, FOLSOM CA, 916-858-0642

MATTHEW ATKINSON, PROJECT ENGINEER
12/18/24
DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:
DH	DH	MA	ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER
1/15/2025	1/15/2025	01/21/25	01/21/25
LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER		GRANT MANN, P.E. DEPUTY DIRECTOR	

BRIDGE REPLACEMENT ON
NATIONAL TRAILS HIGHWAY
AT 10 BRIDGES
STAGE CONSTRUCTION AND
TRAFFIC HANDLING PLAN
LEITH DITCH - STAGE 2

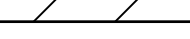






J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L. 11803	H14915	1"=40'	99	240

FILE NO. 586600-120,
586600-110, AND 586600-100

FILE NO. 586600-120, 586600-110, AND 586600-100

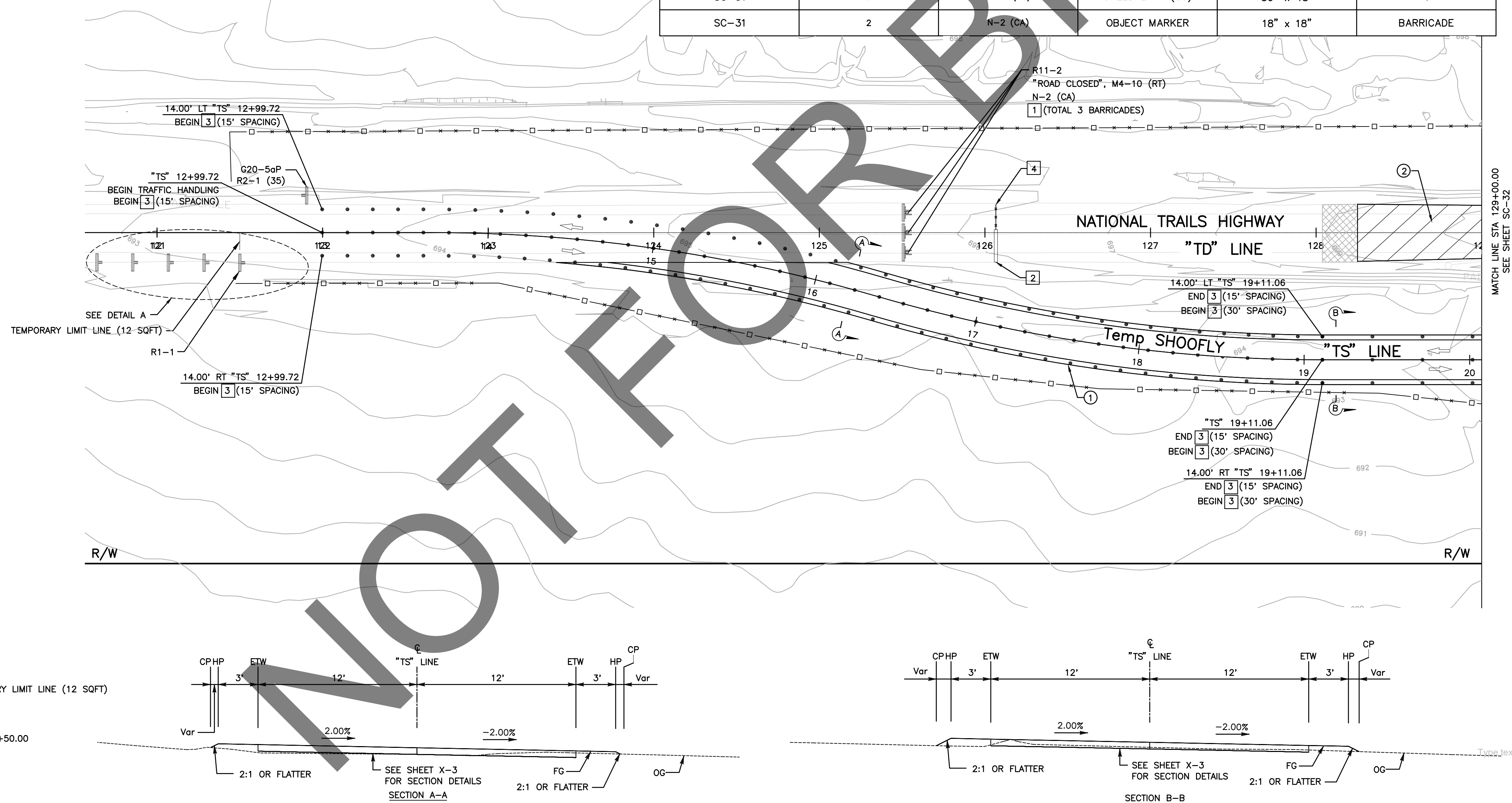
- ① SHIFT TRAFFIC
- ② CONSTRUCT APPROACHES AND BRIDGE

1. ADDITIONAL CONSTRUCTION AREA SIGNS, SEE SHEET CS-1.
2. SIGNS SHOULD BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARD 303(a) AND 303 (b). SIGNS MOUNTED ON PORTABLE BARRICADES SHALL BE AUTHORIZED AS DIRECTED BY COUNTY REPRESENTATIVE.

	CONSTRUCTION ZONE
	DESERT TORTOISE FENCE
	CONSTRUCTION AREA SIGN
	BARRICADE
	TRAFFIC DRUM
	TEMPORARY FENCE
	RAILINGS (TYPE K)

1 PLACE TYPE III BARRICADE, PER CALTRANS STD PLAN A73C.
2 PLACE TEMPORARY RAILING (TYPE K) PER CALTRANS STD PLAN T3A.
3 PLACE TRAFFIC DRUMS PER CA MUTCD 2014, SECTION 6F.63.
4 PLACE TEMPORARY FENCE (TYPE CL-6).

SHEET No.	CONSTRUCTION STAGE	TEMPORARY SIGN CODE	TEMPORARY SIGN MESSAGE	PANEL SIZE (IN)	POST SIZE
SC-31	2	R11-2	ROAD CLOSED	48" x 30"	BARRICADE
SC-31	2	M4-10 (RT)	DETOUR	48" x 18"	2
SC-31	2	M4-10 (RT)	DETOUR	48" x 18"	2
SC-31	2	W8-3	PAVEMENT ENDS	48" x 48"	—
SC-31	2	W20-1	ROAD WORK AHEAD	48" x 48"	1
SC-31	2	W3-1	STOP SIGN AHEAD	48" x 48"	1
SC-31	2	W20-2	DETOUR AHEAD	48" x 48"	1
SC-31	2	R1-1	STOP SIGN	30" x 30"	1
SC-31	2	W24-1 (RT)	DOUBLE REVERSE CURVE	48" x 48"	2
SC-31	2	W13-1P	ADVISORY SPEED (15 MPH)	30" x 30"	—
SC-31	2	G20-50P	WORK ZONE	36" x 24"	—
SC-31	2	R2-1 (35)	SPEED LIMIT (35)	36" x 48"	1
SC-31	2	N-2 (CA)	OBJECT MARKER	18" x 18"	BARRICADE



SC-31

DOKKEN
ENGINEERING

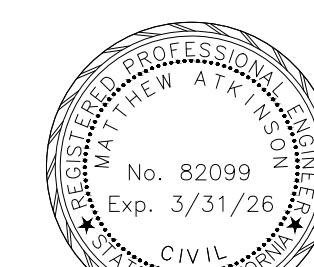
110 BLUE RAVINE ROAD SUITE 200, FOLSOM CA 916-858-0642

Matthew Atkinson

MATTHEW ATKINSON, PROJECT ENGINEER

12/16/2011
DATE

MARK	CHANGES	RESIDENT ENGINEER
	NO CHANGES	
FIELD CHANGES		



DESIGNED BY: DH	DRAWN BY: DH	CHECKED BY: MA	RECOMMENDED BY: ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER	1/15/2025 DATE
COB CL 1/15/2025 LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER DATE			APPROVED BY: GRANT MANN, P.E. DIRECTOR 1/21/2025 DATE	

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L. 11802	H14914	1"=40'	100	240

FILE NO. 586600-120,
586600-110, AND 586600-100

FILE NO. 586600-120, 586600-110, AND 586600-100

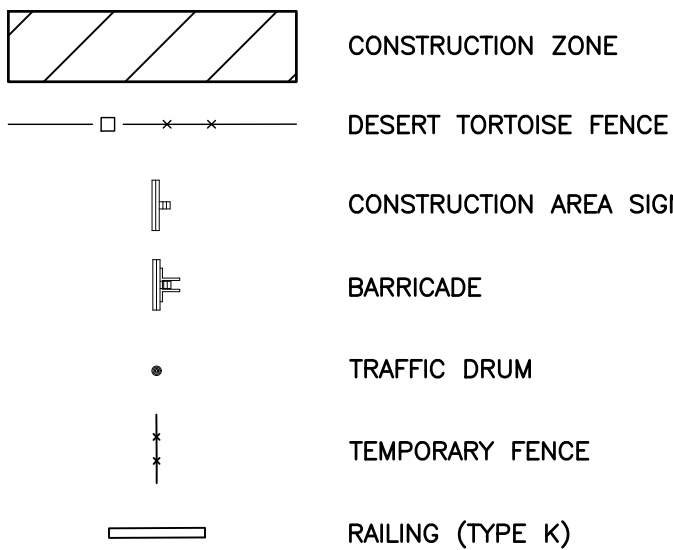
STAGE 2

- ① SHIFT TRAFFIC
② CONSTRUCT APPROACHES AND BRIDGE

NOTE:

1. ADDITIONAL CONSTRUCTION AREA SIGNS, SEE SHEET CS-1.
2. SIGNS SHOULD BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARD 303(a) AND 303 (b). SIGNS MOUNTED ON PORTABLE BARRICADES SHALL BE AUTHORIZED AS DIRECTED BY COUNTY REPRESENTATIVE.

LEGEND:

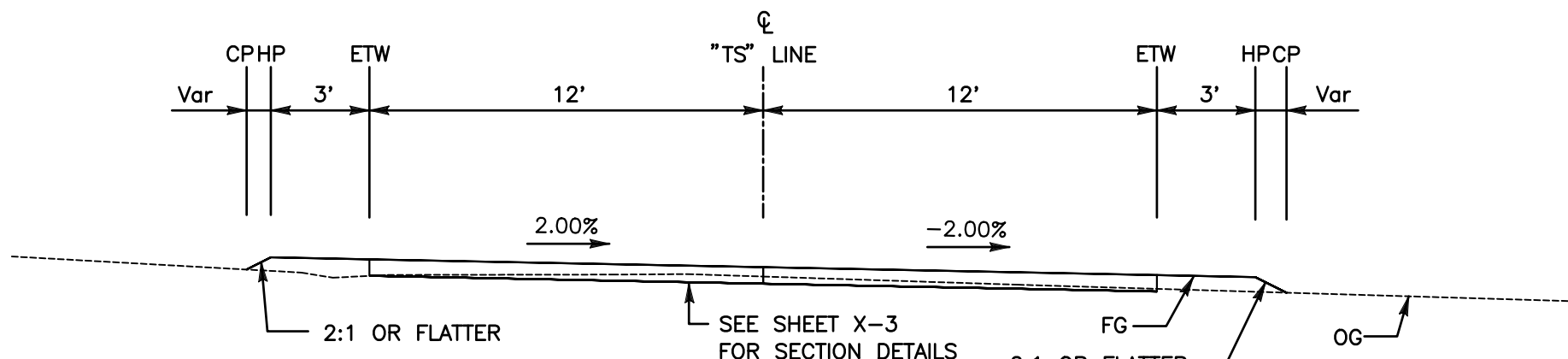
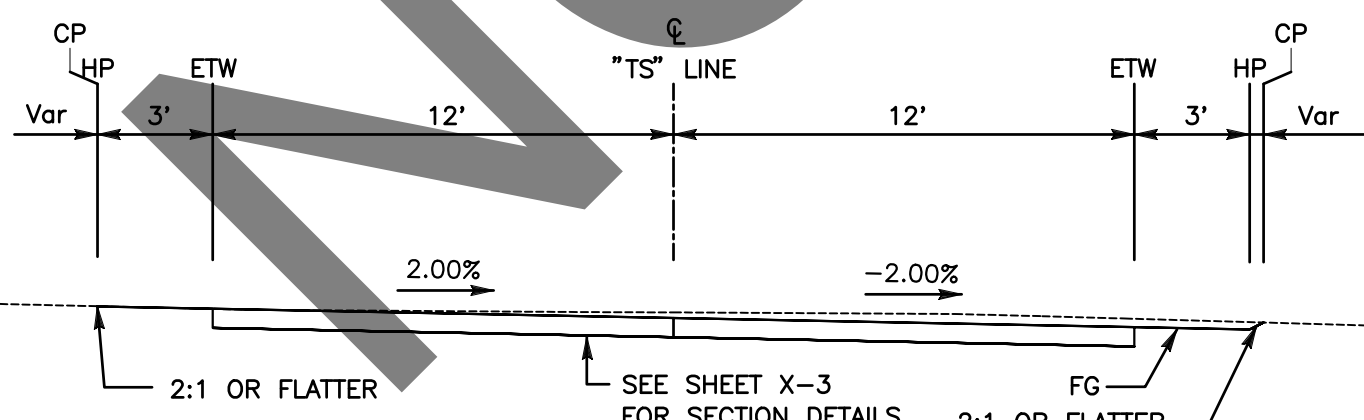
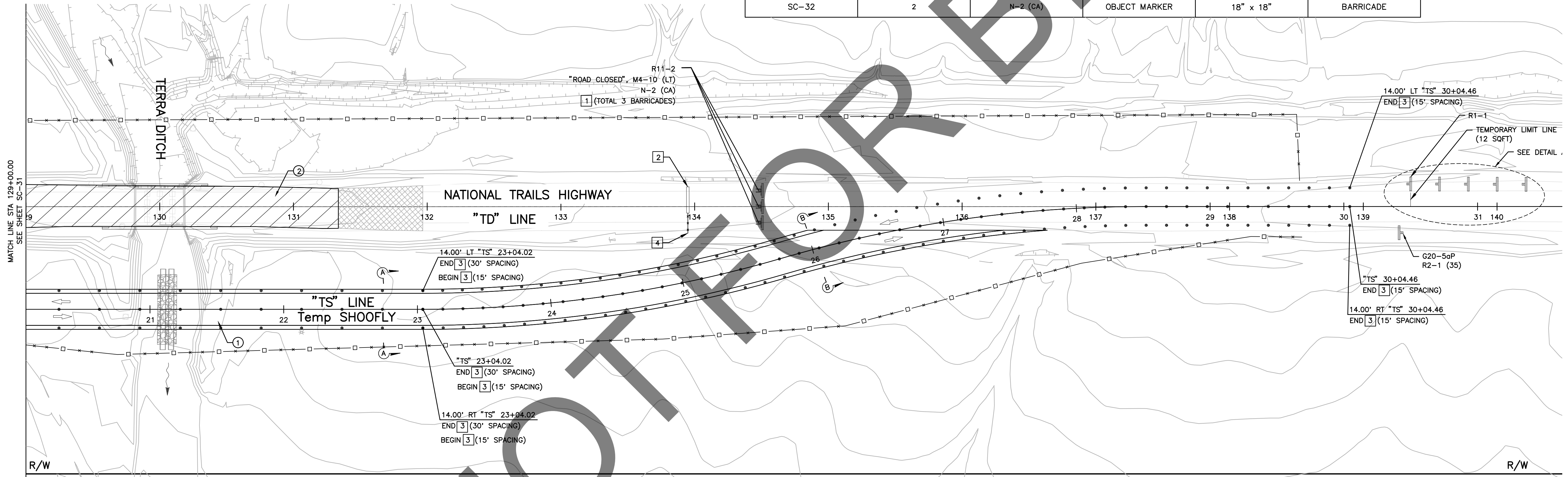


TRAFFIC CONSTRUCTION NOTES

- 1 PLACE TYPE III BARRICADE, PER CALTRANS STD PLAN A73C.
2 PLACE TEMPORARY RAILING (TYPE K) PER CALTRANS STD PLAN T3A.
3 PLACE TRAFFIC DRUMS PER CA MUTCD 2014, SECTION 6F.63.
4 PLACE TEMPORARY FENCE (TYPE CL-6).

CONSTRUCTION AREA SIGN SUMMARY

SHEET No.	CONSTRUCTION STAGE	TEMPORARY SIGN CODE	TEMPORARY SIGN MESSAGE	PANEL SIZE (IN)	POST SIZE
SC-32	2	R11-2	ROAD CLOSED	48" x 30"	BARRICADE
SC-32	2	M4-10 (LT)	DETOUR	48" x 18"	2
SC-32	2	M4-10 (LT)	DETOUR	48" x 18"	2
SC-32	2	W8-3	PAVEMENT ENDS	48" x 48"	-
SC-32	2	W20-1	ROAD WORK AHEAD	48" x 48"	1
SC-32	2	W3-1	STOP SIGN AHEAD	48" x 48"	1
SC-32	2	W20-2	DETOUR AHEAD	48" x 48"	1
SC-32	2	R1-1	STOP SIGN	30" x 30"	1
SC-32	2	W24-1 (LT)	DOUBLE REVERSE CURVE	48" x 48"	2
SC-32	2	W13-1P	ADVISORY SPEED (15 MPH)	30" x 30"	-
SC-32	2	G20-5aP	WORK ZONE	36" x 24"	-
SC-32	2	R2-1 (35)	SPEED LIMIT (35)	36" x 48"	1
SC-32	2	N-2 (CA)	OBJECT MARKER	18" x 18"	BARRICADE



SC-32

FILE NO. 586600-120, 586600-110, AND 586600-100

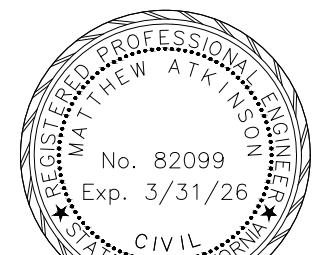
PREPARED BY:

DOKKEN ENGINEERING
110 BLUE RAINE ROAD SUITE 200, FOLSOM CA, 916-858-0642

MATTHEW ATKINSON, PROJECT ENGINEER
12/18/24
DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:
DH	DH	MA	ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER
1/15/2025	1/15/2025	01/21/25	01/21/25
LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER		GRANT MANN, P.E. DEPUTY DIRECTOR	

BRIDGE REPLACEMENT ON
NATIONAL TRAILS HIGHWAY
AT 10 BRIDGES
STAGE CONSTRUCTION AND
TRAFFIC HANDLING PLAN
TERRA DITCH - STAGE 2

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L. 11802	H14914	1"=40'	101	240

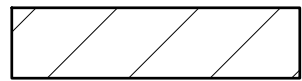
STAGE 2

- ① SHIFT TRAFFIC
② CONSTRUCT APPROACHES AND BRIDGE

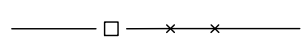
NOTE:

1. ADDITIONAL CONSTRUCTION AREA SIGNS, SEE SHEET CS-1.
2. SIGNS SHOULD BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARD 303(a) AND 303 (b). SIGNS MOUNTED ON PORTABLE BARRICADES SHALL BE AUTHORIZED AS DIRECTED BY COUNTY REPRESENTATIVE.

LEGEND:



CONSTRUCTION ZONE



DESERT TORTOISE FENCE



CONSTRUCTION AREA SIGN



BARRICADE



TRAFFIC DRUM



TEMPORARY FENCE



RAILING (TYPE K)

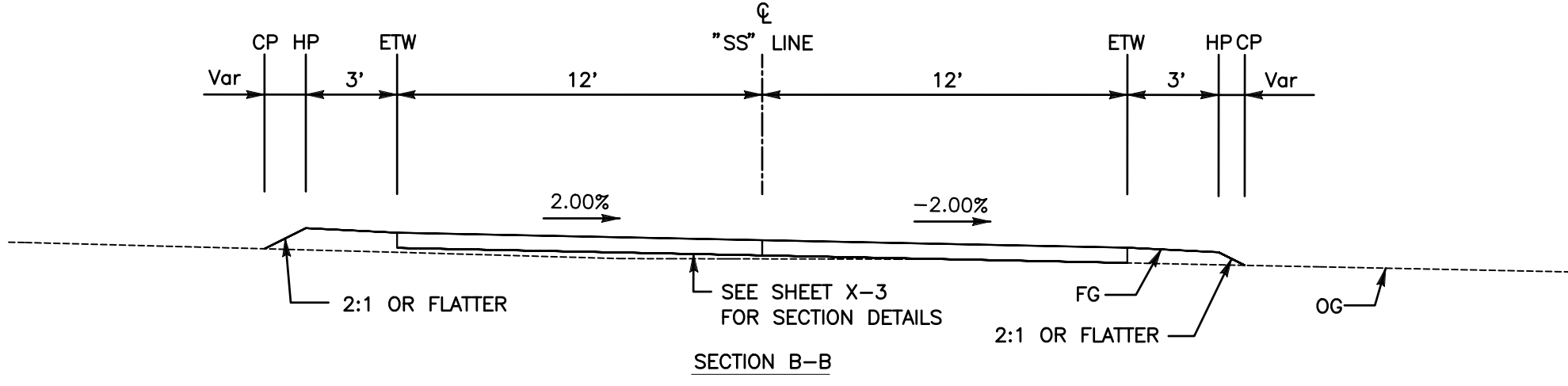
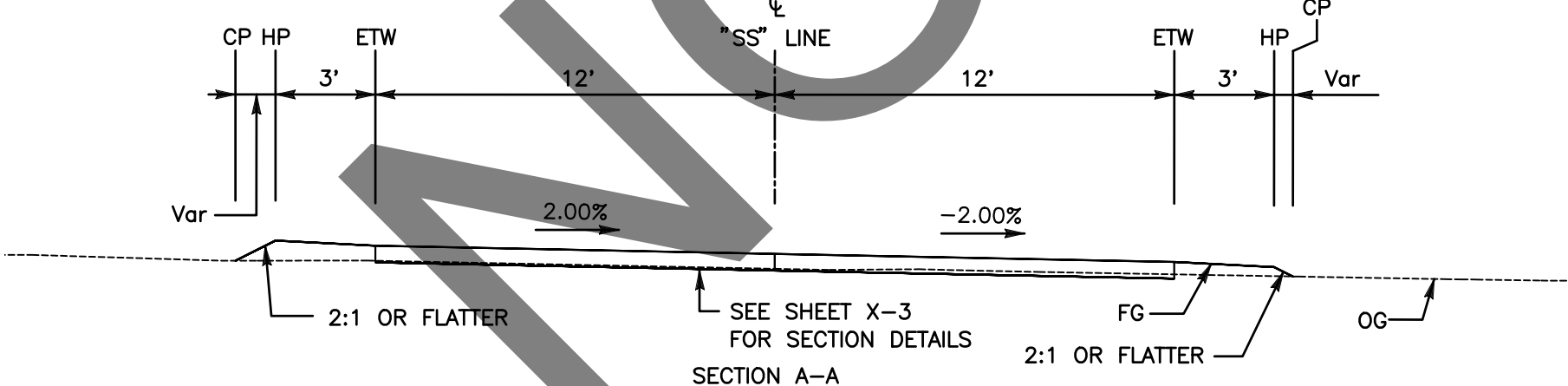
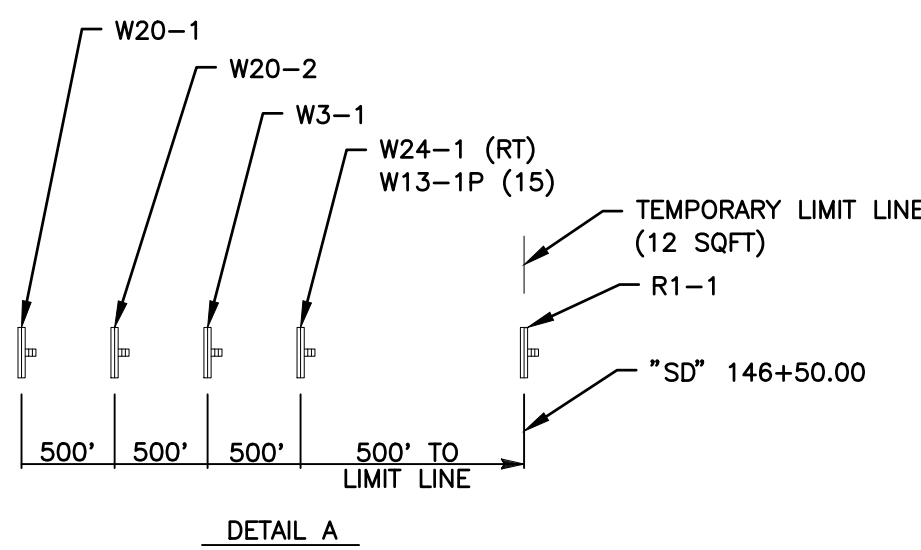
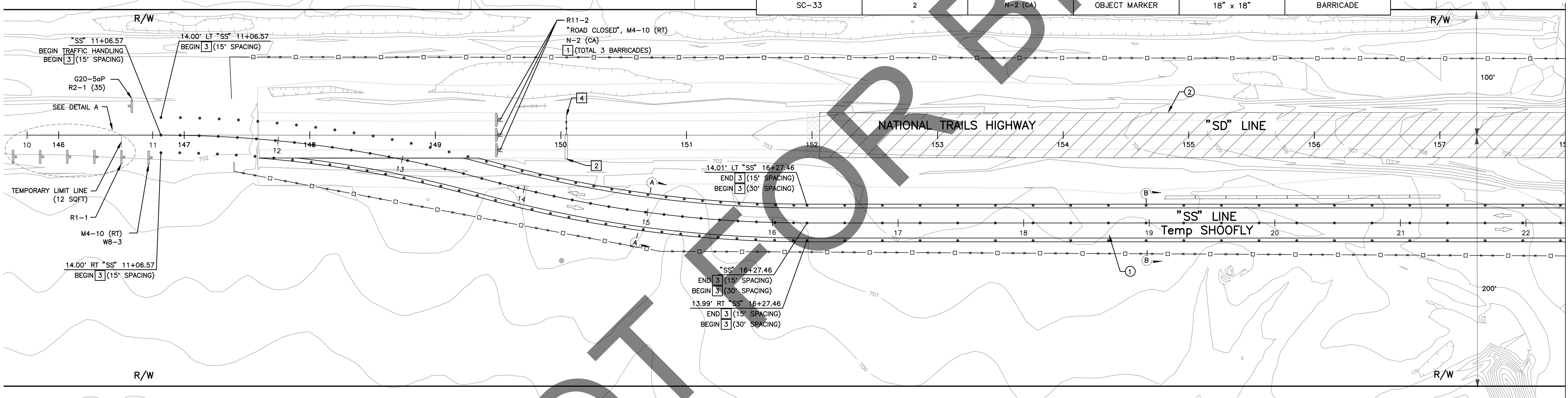


TRAFFIC CONSTRUCTION NOTES

- 1 PLACE TYPE III BARRICADE, PER CALTRANS STD PLAN A73C.
2 PLACE TEMPORARY RAILING (TYPE K) PER CALTRANS STD PLAN T3A.
3 PLACE TRAFFIC DRUMS PER CA MUTCD 2014, SECTION 6F.63.
4 PLACE TEMPORARY FENCE (TYPE CL-6).

CONSTRUCTION AREA SIGN SUMMARY

SHEET No.	CONSTRUCTION STAGE	TEMPORARY SIGN CODE	TEMPORARY SIGN MESSAGE	PANEL SIZE (IN)	POST SIZE
SC-33	2	R11-2	ROAD CLOSED	48" x 30"	BARRICADE
SC-33	2	M4-10 (RT)	DETOUR	48" x 18"	2
SC-33	2	M4-10 (RT)	DETOUR	48" x 18"	2
SC-33	2	W8-3	PAVEMENT ENDS	48" x 48"	-
SC-33	2	W20-1	ROAD WORK AHEAD	48" x 48"	1
SC-33	2	W3-1	STOP SIGN AHEAD	48" x 48"	1
SC-33	2	W20-2	DETOUR AHEAD	48" x 48"	1
SC-33	2	R1-1	STOP SIGN	30" x 30"	1
SC-33	2	W24-1 (RT)	DOUBLE REVERSE CURVE	48" x 48"	2
SC-33	2	W13-1P	ADVISORY SPEED (15 MPH)	30" x 30"	-
SC-33	2	G20-50P	WORK ZONE	36" x 24"	-
SC-33	2	R2-1 (35)	SPEED LIMIT (35)	36" x 48"	1
SC-33	2	N-2 (CA)	OBJECT MARKER	18" x 18"	BARRICADE



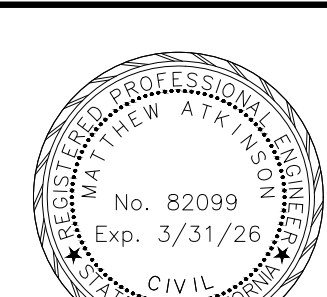
SC-33

PREPARED BY:



MATTHEW ATKINSON, PROJECT ENGINEER
12/18/24
DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DH	DRAWN BY: DH	CHECKED BY: MA	RECOMMENDED BY: ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER 1/15/25 DATE
APPROVED BY: LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER 1/15/2025 DATE			APPROVED BY: GRANT MANN, P.E. DEPUTY DIRECTOR 01/21/25 DATE

BRIDGE REPLACEMENT ON NATIONAL TRAILS HIGHWAY AT 10 BRIDGES STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN SOMBRA DITCH - STAGE 2			
J.L. REF. J.L. 11799	W.O. NO. H14911	PLAN SCALE 1"=40'	SHT. NO. 102 TOT. SHT'S. 240

FILE NO. 586600-120,
586600-110, AND 586600-100

FILE NO. 586600-120, 586600-110, AND 586600-100

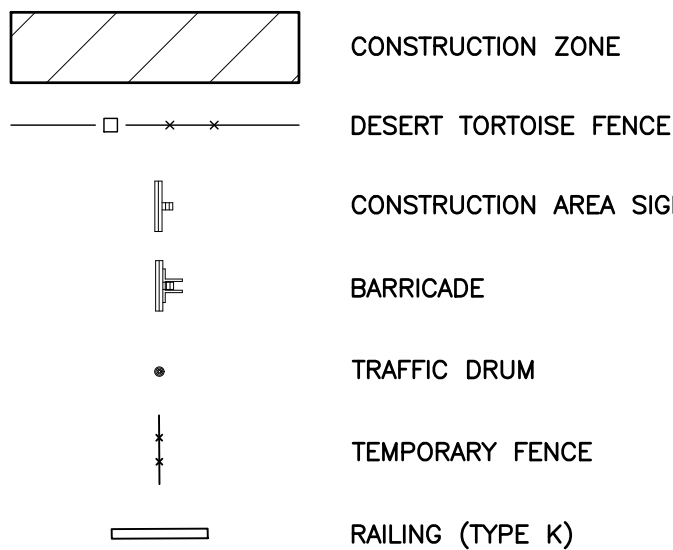
STAGE 2

- ① SHIFT TRAFFIC
② CONSTRUCT APPROACHES AND BRIDGE

NOTE:

1. ADDITIONAL CONSTRUCTION AREA SIGNS, SEE SHEET CS-1.
2. SIGNS SHOULD BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARD 303(a) AND 303 (b). SIGNS MOUNTED ON PORTABLE BARRICADES SHALL BE AUTHORIZED AS DIRECTED BY COUNTY REPRESENTATIVE.

LEGEND:

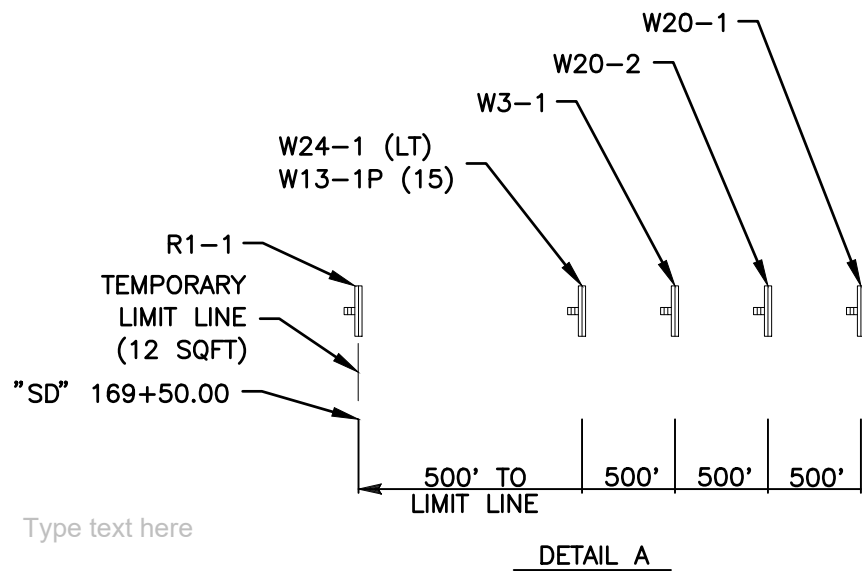
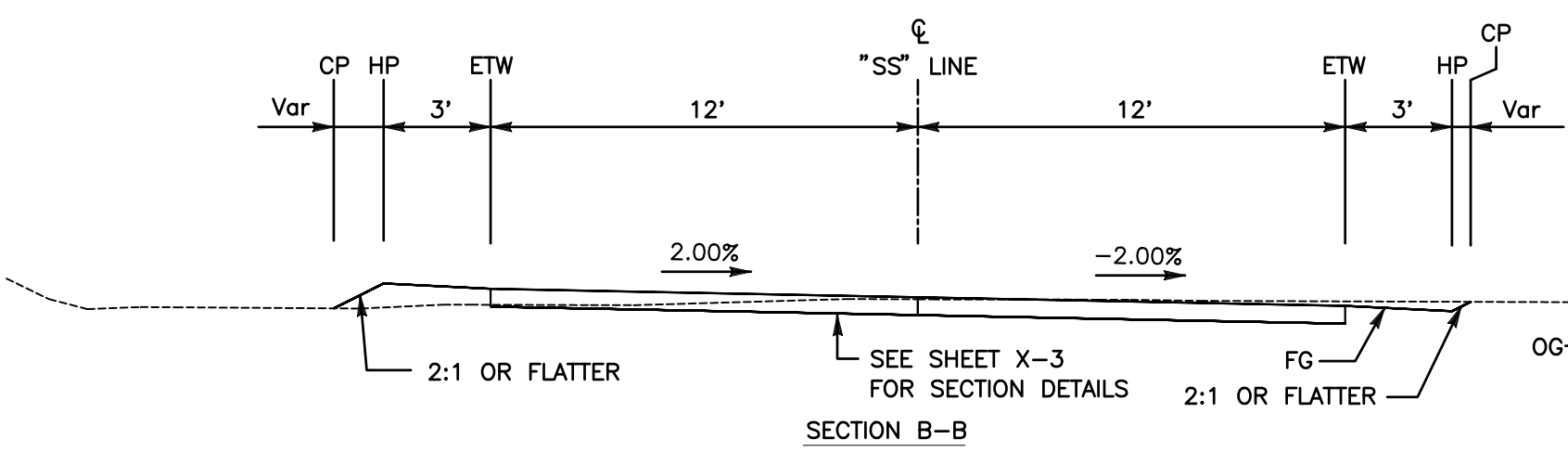
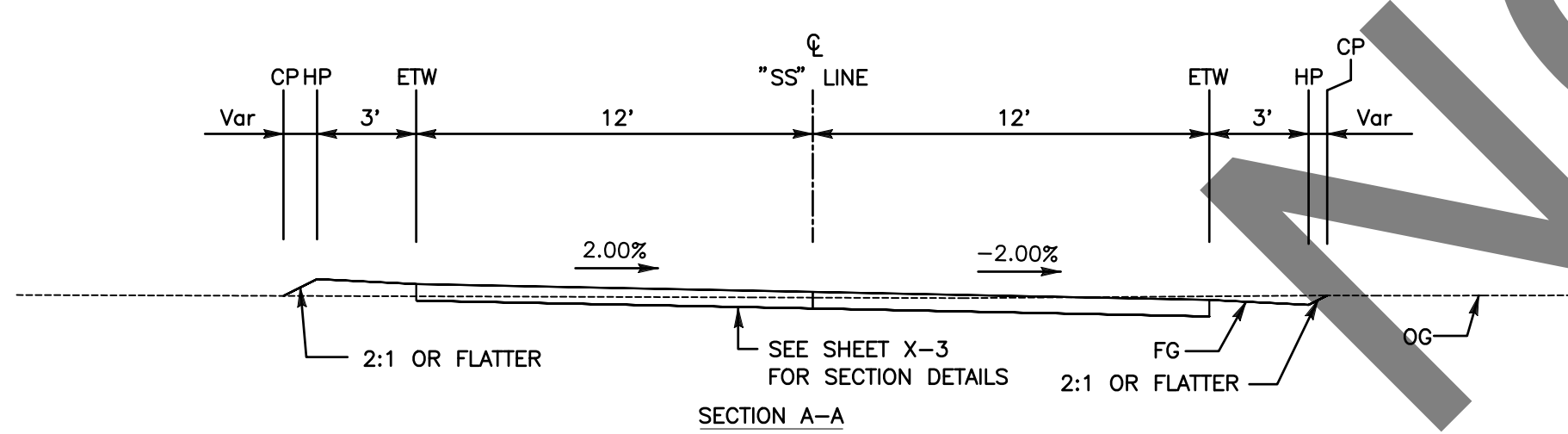
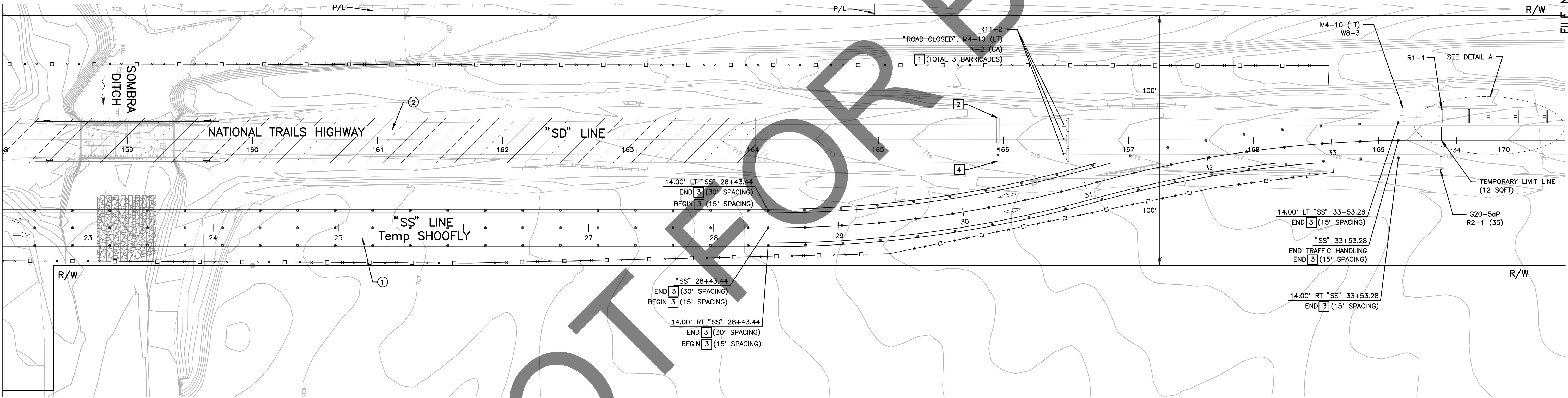


TRAFFIC CONSTRUCTION NOTES

- 1 PLACE TYPE III BARRICADE, PER CALTRANS STD PLAN A73C.
2 PLACE TEMPORARY RAILING (TYPE K) PER CALTRANS STD PLAN T3A.
3 PLACE TRAFFIC DRUMS PER CA MUTCD 2014, SECTION 6F.63.
4 PLACE TEMPORARY FENCE (TYPE CL-6).

CONSTRUCTION AREA SIGN SUMMARY

SHEET No.	CONSTRUCTION STAGE	TEMPORARY SIGN CODE	TEMPORARY SIGN MESSAGE	PANEL SIZE (IN)	POST SIZE
SC-34	2	R11-2	ROAD CLOSED	48" x 30"	BARRICADE
SC-34	2	M4-10 (LT)	DETOUR	48" x 18"	2
SC-34	2	M4-10 (LT)	DETOUR	48" x 18"	2
SC-34	2	W8-3	PAVEMENT ENDS	48" x 48"	-
SC-34	2	W20-1	ROAD WORK AHEAD	48" x 48"	1
SC-34	2	W3-1	STOP SIGN AHEAD	48" x 48"	1
SC-34	2	W20-2	DETOUR AHEAD	48" x 48"	1
SC-34	2	R1-1	STOP SIGN	30" x 30"	1
SC-34	2	W24-1 (LT)	DOUBLE REVERSE CURVE	48" x 48"	2
SC-34	2	W13-1P	ADVISORY SPEED (15 MPH)	30" x 30"	-
SC-34	2	G20-5aP	WORK ZONE	36" x 24"	-
SC-34	2	R2-1 (35)	SPEED LIMIT (35)	36" x 48"	1
SC-34	2	N-2 (CA)	OBJECT MARKER	18" x 18"	BARRICADE



SC-34

PREPARED BY:

DOKKEN
ENGINEERING
110 BLUE RAVINE ROAD SUITE 200, FOLSOM CA, 916-858-0642

MATTHEW ATKINSON, PROJECT ENGINEER
12/18/24
DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:
DH	DH	MA	ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER
1/15/2025	1/15/2025	1/15/2025	1/15/25
DATE	DATE	DATE	DATE

BRIDGE REPLACEMENT ON
NATIONAL TRAILS HIGHWAY
AT 10 BRIDGES
STAGE CONSTRUCTION AND
TRAFFIC HANDLING PLAN
SOMBRA DITCH - STAGE 2

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L. 11799	H14911	1"=40'	103	240

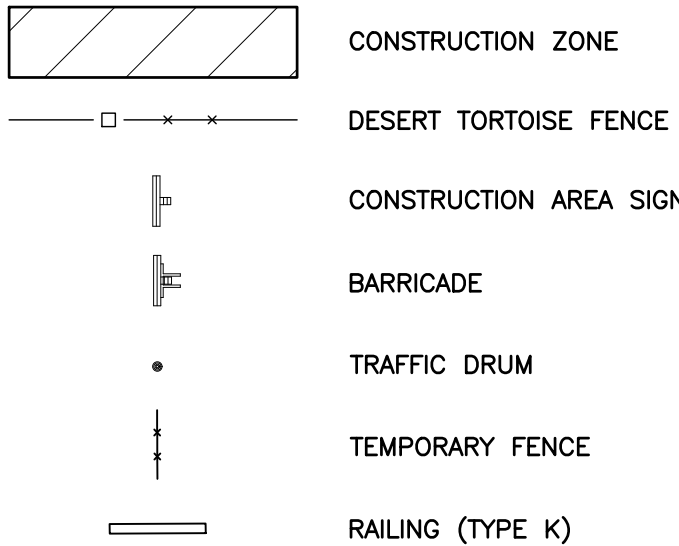
STAGE 2

- ① SHIFT TRAFFIC
② CONSTRUCT APPROACHES AND BRIDGE

NOTE:

1. ADDITIONAL CONSTRUCTION AREA SIGNS, SEE SHEET SC-1.
2. SIGNS SHOULD BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARD 303(a) AND 303 (b). SIGNS MOUNTED ON PORTABLE BARRICADES SHALL BE AUTHORIZED AS DIRECTED BY COUNTY REPRESENTATIVE.

LEGEND:

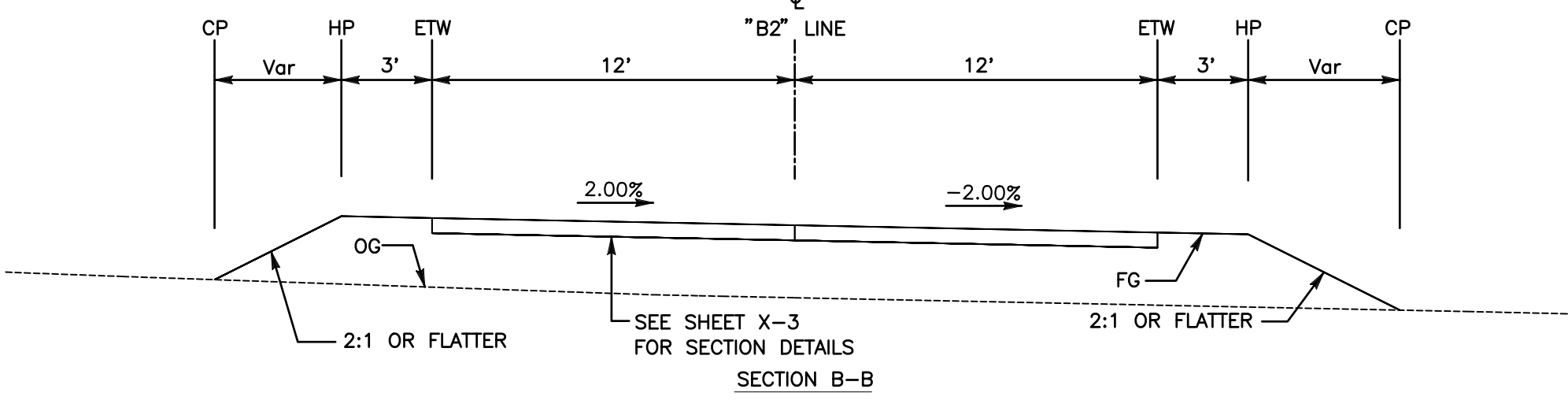
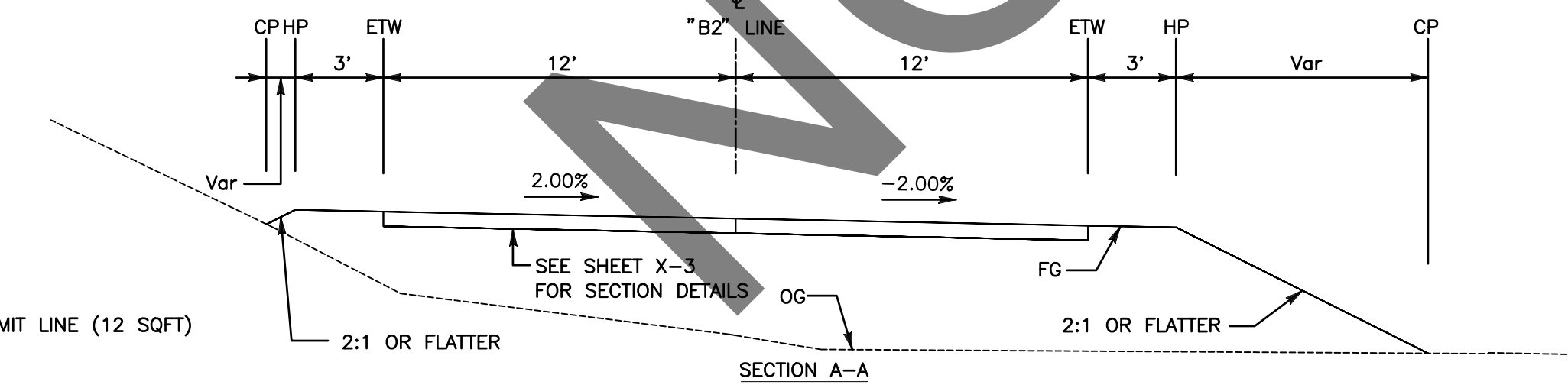
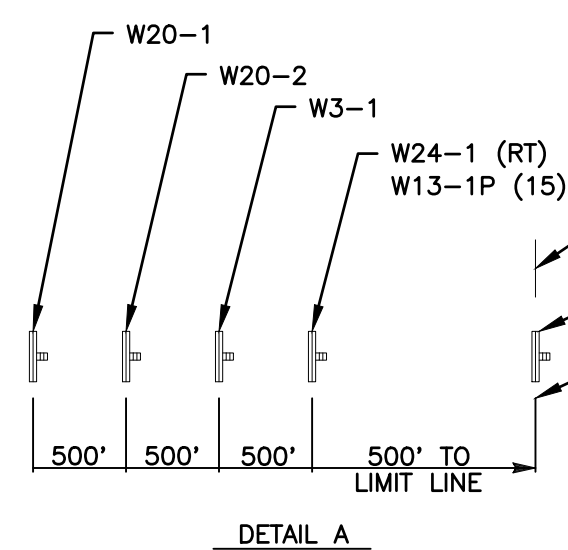


TRAFFIC CONSTRUCTION NOTES

- 1 PLACE TYPE III BARRICADE, PER CALTRANS STD PLAN A73C.
2 PLACE TEMPORARY RAILING (TYPE K) PER CALTRANS STD PLAN T3A.
3 PLACE TRAFFIC DRUMS PER CA MUTCD 2014, SECTION 6F.63.
4 PLACE TEMPORARY FENCE (TYPE CL-6).

CONSTRUCTION AREA SIGN SUMMARY

SHEET No.	CONSTRUCTION STAGE	TEMPORARY SIGN CODE	TEMPORARY SIGN MESSAGE	PANEL SIZE (IN)	POST SIZE
SC-35	2	R11-2	ROAD CLOSED	48" x 30"	BARRICADE
SC-35	2	M4-10 (RT)	DETOUR	48" x 18"	2
SC-35	2	M4-10 (RT)	DETOUR	48" x 18"	2
SC-35	2	W8-3	PAVEMENT ENDS	48" x 48"	-
SC-35	2	W20-1	ROAD WORK AHEAD	48" x 48"	1
SC-35	2	W3-1	STOP SIGN AHEAD	48" x 48"	1
SC-35	2	W20-2	DETOUR AHEAD	48" x 48"	1
SC-35	2	R1-1	STOP SIGN	30" x 30"	1
SC-35	2	W24-1 (RT)	DOUBLE REVERSE CURVE	48" x 48"	2
SC-35	2	W13-1P	ADVISORY SPEED (15 MPH)	30" x 30"	-
SC-35	2	G20-5aP	WORK ZONE	36" x 24"	-
SC-35	2	R2-1 (35)	SPEED LIMIT (35)	36" x 48"	1
SC-35	2	N-2 (CA)	OBJECT MARKER	18" x 18"	BARRICADE



SC-35

PREPARED BY:



MATTHEW ATKINSON, PROJECT ENGINEER
12/18/24
DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:
DH	DH	MA	ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER
LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER	1/15/2025 DATE	1/15/2025 DATE	01/21/25 DATE

BRIDGE REPLACEMENT ON
NATIONAL TRAILS HIGHWAY
AT 10 BRIDGES
STAGE CONSTRUCTION AND
TRAFFIC HANDLING PLAN
BEACON DITCH - STAGE 2

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L. 11801	H14913	1"=40'	104	240

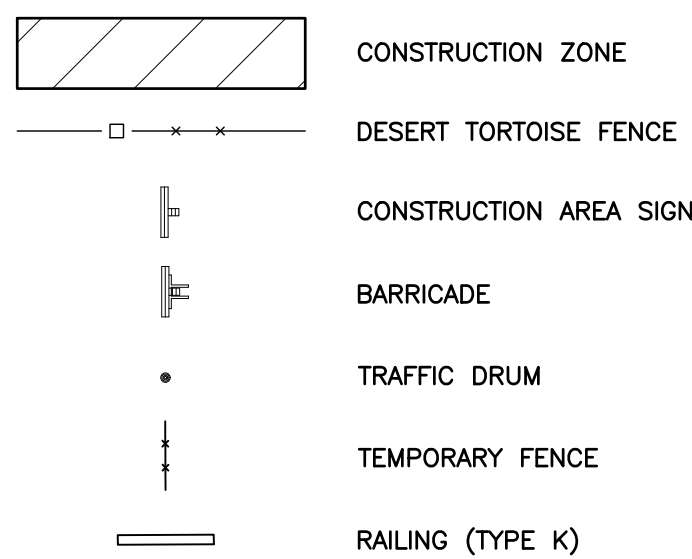
STAGE 2

- ① SHIFT TRAFFIC
② CONSTRUCT APPROACHES AND BRIDGE

NOTE:

1. ADDITIONAL CONSTRUCTION AREA SIGNS, SEE SHEET SC-1.
2. SIGNS SHOULD BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARD 303(a) AND 303 (b). SIGNS MOUNTED ON PORTABLE BARRICADES SHALL BE AUTHORIZED AS DIRECTED BY COUNTY REPRESENTATIVE.

LEGEND:

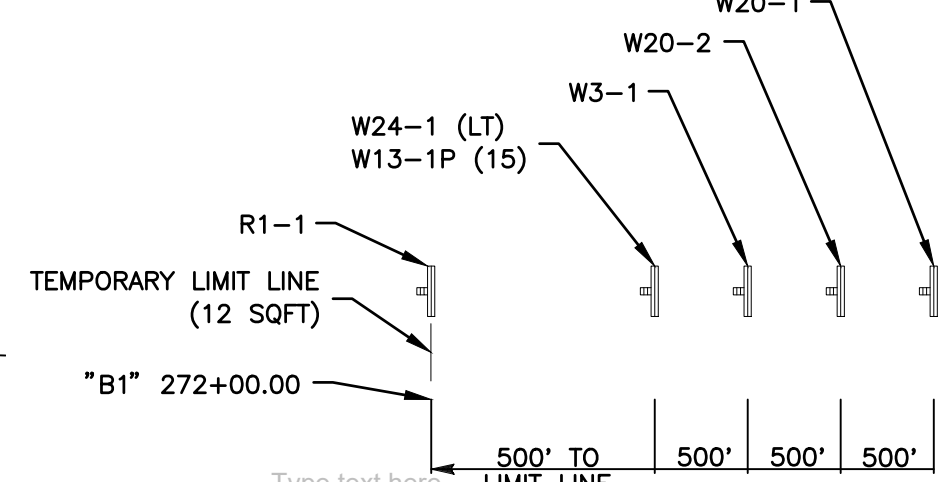
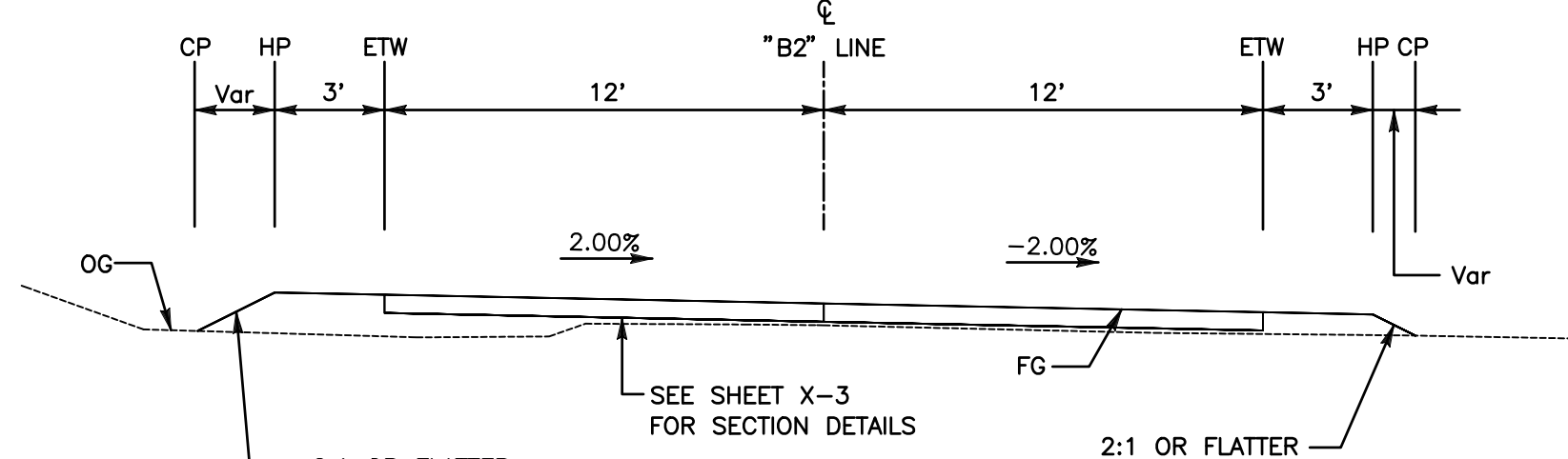
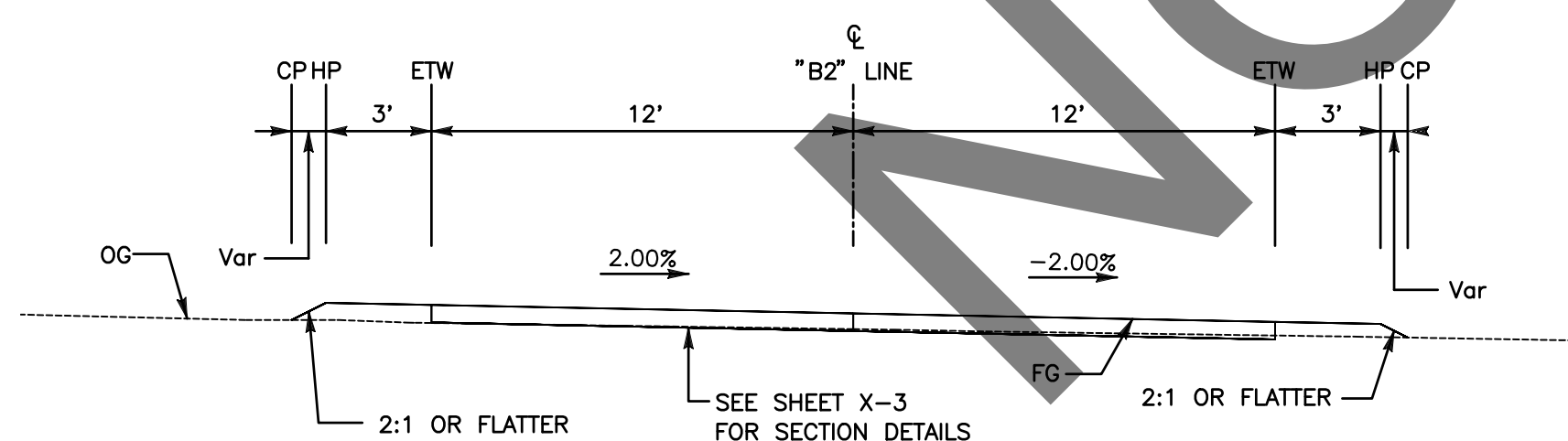
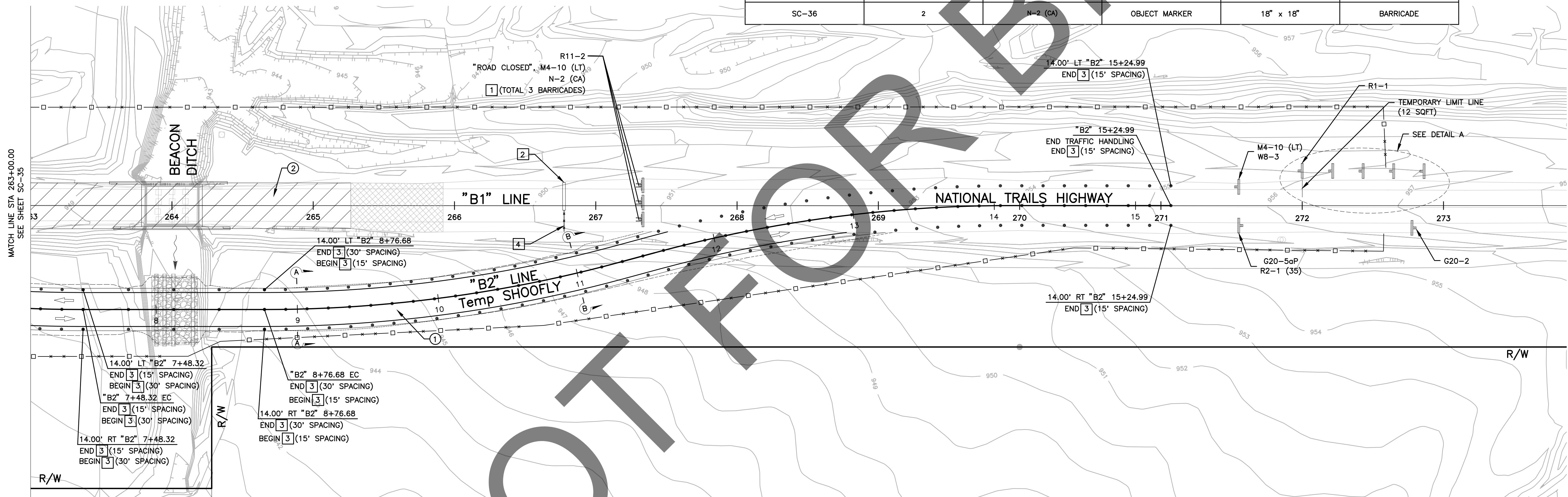


TRAFFIC CONSTRUCTION NOTES

- 1 PLACE TYPE III BARRICADE, PER CALTRANS STD PLAN A73C.
2 PLACE TEMPORARY RAILING (TYPE K) PER CALTRANS STD PLAN T3A.
3 PLACE TRAFFIC DRUMS PER CA MUTCD 2014, SECTION 6F.63.
4 PLACE TEMPORARY FENCE (TYPE CL-6).

CONSTRUCTION AREA SIGN SUMMARY

SHEET No.	CONSTRUCTION STAGE	TEMPORARY SIGN CODE	TEMPORARY SIGN MESSAGE	PANEL SIZE (IN)	POST SIZE
SC-36	2	R11-2	ROAD CLOSED	48" x 30"	BARRICADE
SC-36	2	M4-10 (LT)	DETOUR	48" x 18"	2
SC-36	2	M4-10 (LT)	DETOUR	48" x 18"	2
SC-36	2	W8-3	PAVEMENT ENDS	48" x 48"	-
SC-36	2	W20-1	ROAD WORK AHEAD	48" x 48"	1
SC-36	2	W3-1	STOP SIGN AHEAD	48" x 48"	1
SC-36	2	W20-2	DETOUR AHEAD	48" x 48"	1
SC-36	2	R1-1	STOP SIGN	30" x 30"	1
SC-36	2	W24-1 (LT)	DOUBLE REVERSE CURVE	48" x 48"	2
SC-36	2	W13-1P	ADVISORY SPEED (15 MPH)	30" x 30"	-
SC-36	2	G20-5aP	WORK ZONE	36" x 24"	-
SC-36	2	R2-1 (35)	SPEED LIMIT (35)	36" x 48"	1
SC-36	2	N-2 (CA)	OBJECT MARKER	18" x 18"	BARRICADE



SC-36

PREPARED BY:

DOKKEN
ENGINEERING
110 BLUE RAINE ROAD SUITE 200, FOLSOM CA, 916-858-0642

MATTHEW ATKINSON, PROJECT ENGINEER
12/18/24
DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY:	DH	DRAWN BY:	DH	CHECKED BY:	MA	RECOMMENDED BY:	ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER 1/15/25 DATE
APPROVED BY:	LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER 1/15/2025 DATE					GRANT MANN, P.E. DEPUTY DIRECTOR 01/21/25 DATE	

BRIDGE REPLACEMENT ON
NATIONAL TRAILS HIGHWAY
AT 10 BRIDGES
STAGE CONSTRUCTION AND
TRAFFIC HANDLING PLAN
BEACON DITCH - STAGE 2

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L. 11801	H14913	1"=40'	105	240

FILE NO. 586600-120,
586600-110, AND 586600-100

FILE NO. 586600-120, 586600-110, AND 586600-100

STAGE 2

- ① SHIFT TRAFFIC
② CONSTRUCT APPROACHES AND BRIDGE

NOTE:

1. ADDITIONAL CONSTRUCTION AREA SIGNS, SEE SHEET SC-1.
2. SIGNS SHOULD BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARD 303(a) AND 303 (b). SIGNS MOUNTED ON PORTABLE BARRICADES SHALL BE AUTHORIZED AS DIRECTED BY COUNTY REPRESENTATIVE.

LEGEND:

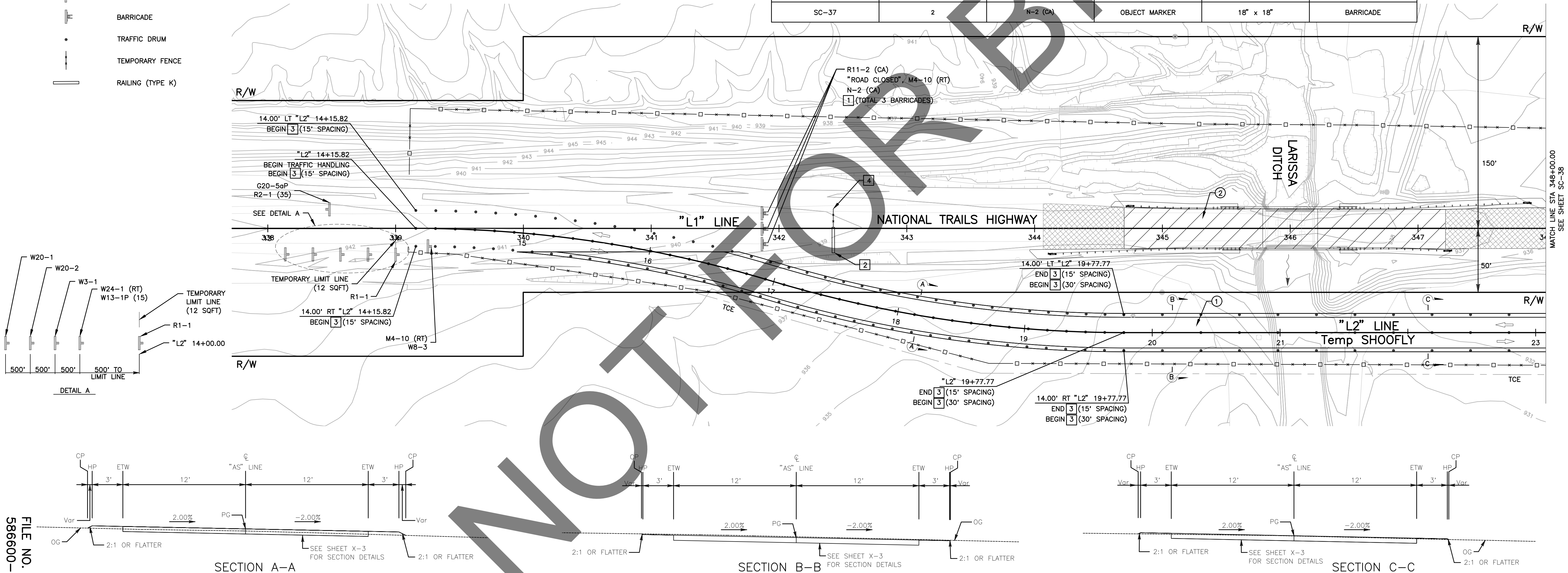
- CONSTRUCTION ZONE
DESERT TORTOISE FENCE
CONSTRUCTION AREA SIGN
BARRICADE
TRAFFIC DRUM
TEMPORARY FENCE
RAILING (TYPE K)

TRAFFIC CONSTRUCTION NOTES

1. PLACE TYPE III BARRICADE, PER CALTRANS STD PLAN A73C.
2. PLACE TEMPORARY RAILING (TYPE K) PER CALTRANS STD PLAN T3A.
3. PLACE TRAFFIC DRUMS PER CA MUTCD 2014, SECTION 6F.63.
4. PLACE TEMPORARY FENCE (TYPE CL-6).
5. DO NOT PLACE TRAFFIC DRUMS WITHIN THE DITCH.

CONSTRUCTION AREA SIGN SUMMARY

SHEET No.	CONSTRUCTION STAGE	TEMPORARY SIGN CODE	TEMPORARY SIGN MESSAGE	PANEL SIZE (IN)	POST SIZE
SC-37	2	R11-2	ROAD CLOSED	48" x 30"	BARRICADE
SC-37	2	M4-10 (RT)	DETOUR	48" x 18"	2
SC-37	2	M4-10 (RT)	DETOUR	48" x 18"	2
SC-37	2	W8-3	PAVEMENT ENDS	48" x 48"	-
SC-37	2	W20-1	ROAD WORK AHEAD	48" x 48"	1
SC-37	2	W3-1	STOP SIGN AHEAD	48" x 48"	1
SC-37	2	W20-2	DETOUR AHEAD	48" x 48"	1
SC-37	2	R1-1	STOP SIGN	30" x 30"	1
SC-37	2	W24-1 (RT)	DOUBLE REVERSE CURVE	48" x 48"	2
SC-37	2	W13-1P	ADVISORY SPEED (15 MPH)	30" x 30"	-
SC-37	2	G20-5aP	WORK ZONE	36" x 24"	-
SC-37	2	R2-1 (35)	SPEED LIMIT (35)	36" x 48"	1
SC-37	2	N-2 (CA)	OBJECT MARKER	18" x 18"	BARRICADE



SECTION A-A

SECTION B-B

SECTION C-C

SC-37

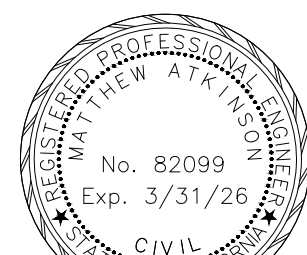
PREPARED BY:

DOKKEN ENGINEERING
110 BLUE RAINE ROAD SUITE 200, FOLSOM CA, 916-858-0642

Matthew Atkinson, Project Engineer
12/18/24
DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:
DH	DH	MA	Chris Nguyen, P.E., TRANSPORTATION DESIGN ENGINEERING MANAGER 1/14/2025 DATE
LEI (ROCKY) LI, P.E., SUPERVISING ENGINEER 1/15/2025 DATE			APPROVED BY: Mervat K. Mikhail, P.E., DEPUTY DIRECTOR 1/16/2025 DATE

BRIDGE REPLACEMENT ON
NATIONAL TRAILS HIGHWAY
AT 10 BRIDGES
STAGE CONSTRUCTION AND
TRAFFIC HANDLING PLAN
LARISSA DITCH - STAGE 2

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L. 11804	H14916	1"=40'	106	240

FILE NO. 586600-120,
586600-110, AND 586600-100

FILE NO. 586600-120, 586600-110, AND 586600-100

STAGE 2

- ① SHIFT TRAFFIC
② CONSTRUCT APPROACHES AND BRIDGE

NOTE:

1. ADDITIONAL CONSTRUCTION AREA SIGNS, SEE SHEET SC-1.
2. SIGNS SHOULD BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARD 303(a) AND 303 (b). SIGNS MOUNTED ON PORTABLE BARRICADES SHALL BE AUTHORIZED AS DIRECTED BY COUNTY REPRESENTATIVE.

LEGEND:

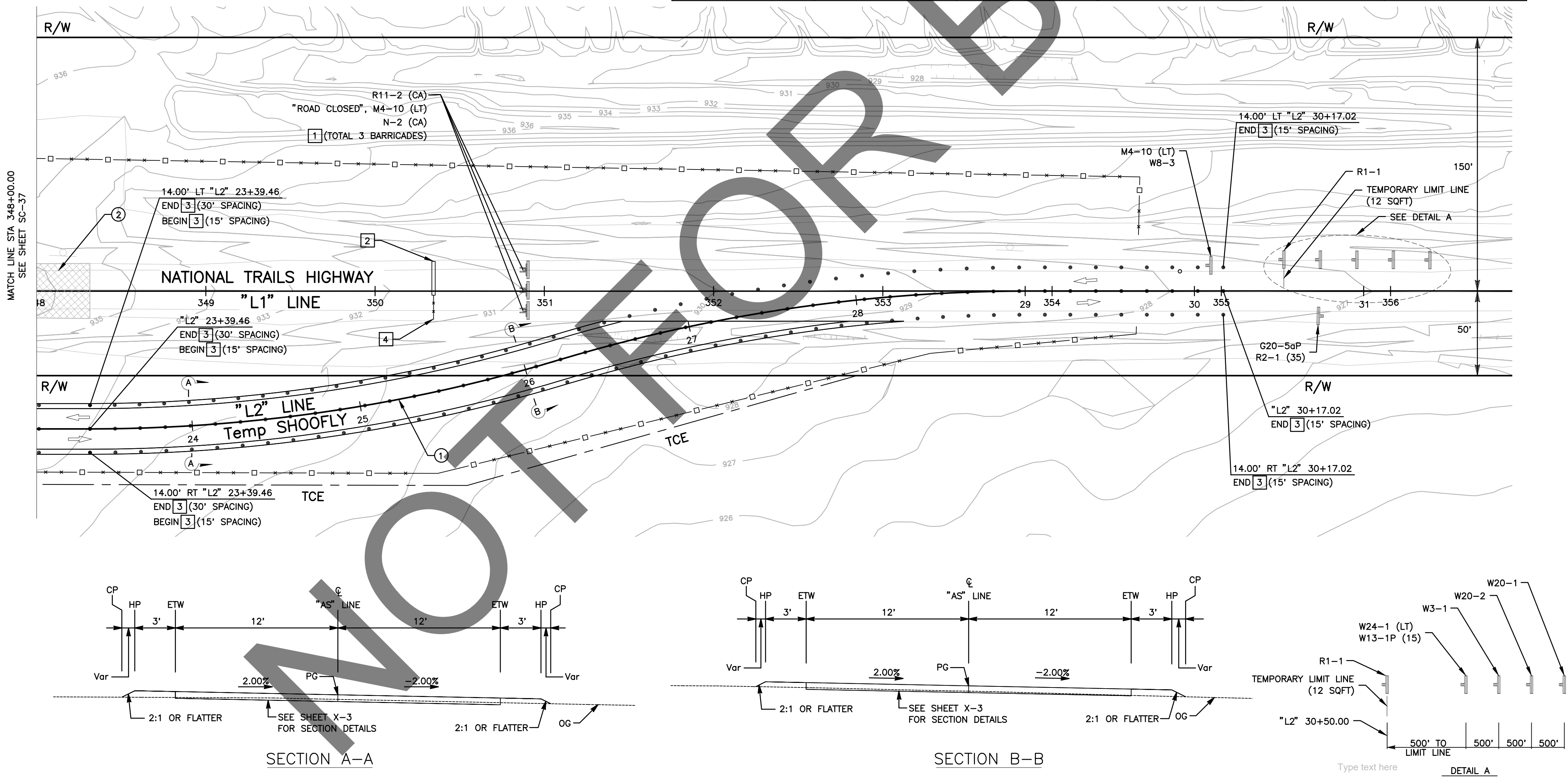
- CONSTRUCTION ZONE
DESERT TORTOISE FENCE
CONSTRUCTION AREA SIGN
BARRICADE
TRAFFIC DRUM
TEMPORARY FENCE
RAILING (TYPE K)

TRAFFIC CONSTRUCTION NOTES

- 1 PLACE TYPE III BARRICADE, PER CALTRANS STD PLAN A73C.
2 PLACE TEMPORARY RAILING (TYPE K) PER CALTRANS STD PLAN T3A.
3 PLACE TRAFFIC DRUMS PER CA MUTCD 2014, SECTION 6F.63.
4 PLACE TEMPORARY FENCE (TYPE CL-6).

CONSTRUCTION AREA SIGN SUMMARY

SHEET No.	CONSTRUCTION STAGE	TEMPORARY SIGN CODE	TEMPORARY SIGN MESSAGE	PANEL SIZE (IN)	POST SIZE
SC-38	2	R11-2	ROAD CLOSED	48" x 30"	BARRICADE
SC-38	2	M4-10 (LT)	DETOUR	48" x 18"	2
SC-38	2	M4-10 (LT)	DETOUR	48" x 18"	2
SC-38	2	W8-3	PAVEMENT ENDS	48" x 48"	-
SC-38	2	W20-1	ROAD WORK AHEAD	48" x 48"	1
SC-38	2	W3-1	STOP SIGN AHEAD	48" x 48"	1
SC-38	2	W20-2	DETOUR AHEAD	48" x 48"	1
SC-38	2	R1-1	STOP SIGN	30" x 30"	1
SC-38	2	W24-1 (LT)	DOUBLE REVERSE CURVE	48" x 48"	2
SC-38	2	W13-1P	ADVISORY SPEED (15 MPH)	30" x 30"	-
SC-38	2	G20-5aP	WORK ZONE	36" x 24"	-
SC-38	2	R2-1 (35)	SPEED LIMIT (35)	36" x 48"	1
SC-38	2	N-2 (CA)	OBJECT MARKER	18" x 18"	BARRICADE



SC-38

PREPARED BY:

DOKKEN
ENGINEERING
110 BLUE RAINE ROAD SUITE 200, FOLSOM CA, 916-858-0642

MATTHEW ATKINSON, PROJECT ENGINEER
12/18/24
DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:
DH	DH	MA	ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER 1/15/25
LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER	1/15/2025	DATE	APPROVED BY: GRANT MANN, P.E. DEPUTY DIRECTOR 01/21/25

BRIDGE REPLACEMENT ON
NATIONAL TRAILS HIGHWAY
AT 10 BRIDGES
STAGE CONSTRUCTION AND
TRAFFIC HANDLING PLAN
LARISSA DITCH - STAGE 2

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L. 11804	H14916	1"=40'	107	240

FILE NO. 586600-120,
586600-110, AND 586600-100

FILE NO. 586600-120, 586600-110, AND 586600-100

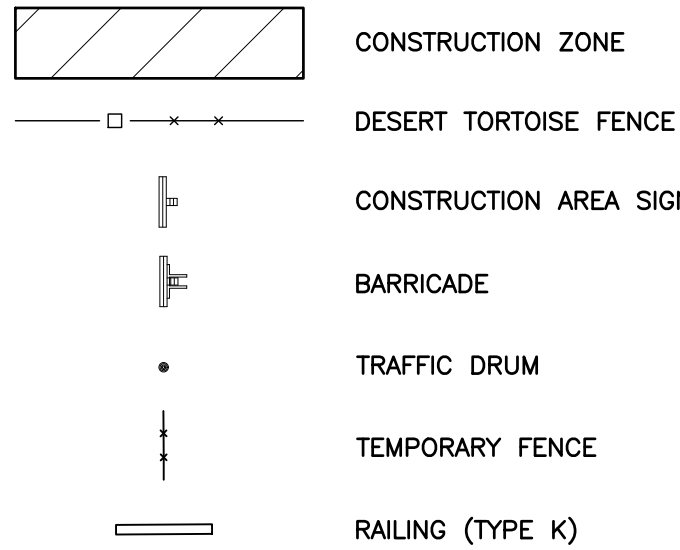
STAGE 2

- ① SHIFT TRAFFIC
② CONSTRUCT APPROACHES AND BRIDGE

NOTE:

1. ADDITIONAL CONSTRUCTION AREA SIGNS, SEE SHEET CS-1.
2. SIGNS SHOULD BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARD 303(a) AND 303 (b). SIGNS MOUNTED ON PORTABLE BARRICADES SHALL BE AUTHORIZED AS DIRECTED BY COUNTY REPRESENTATIVE.

LEGEND:

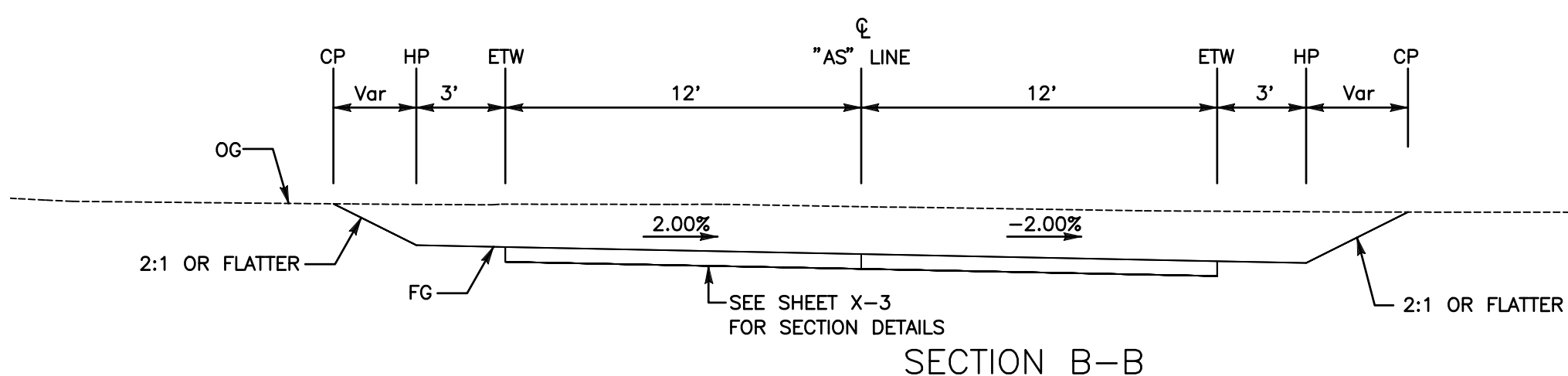
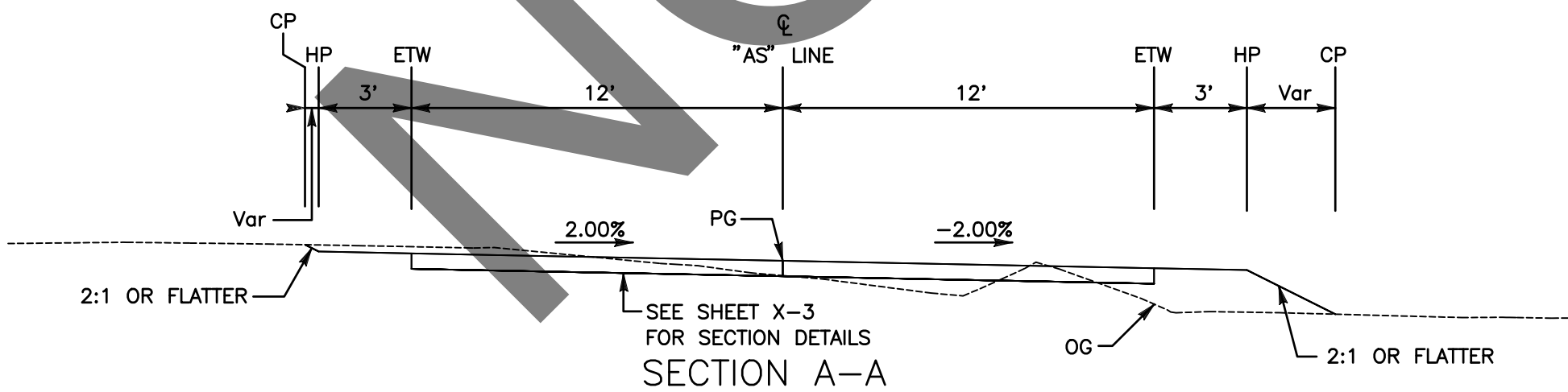
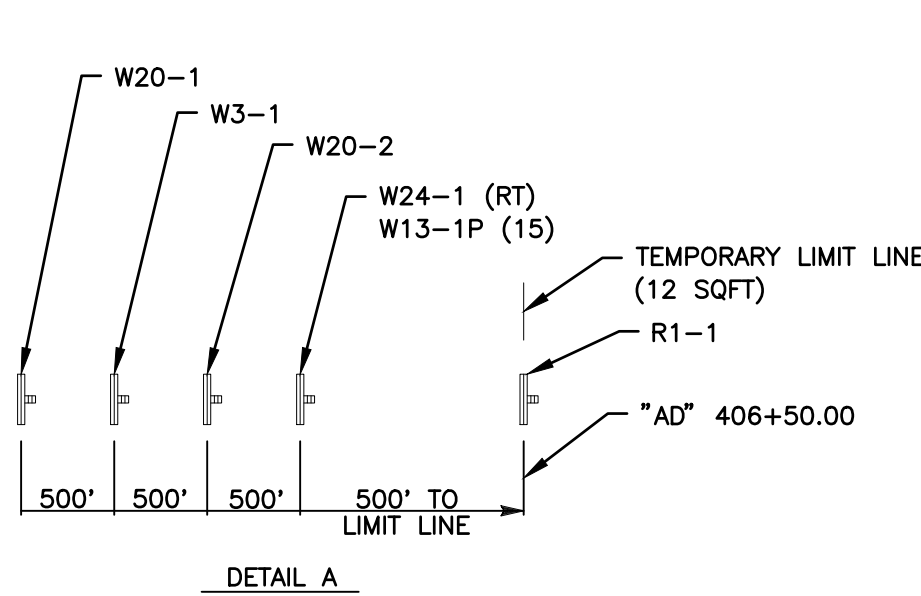
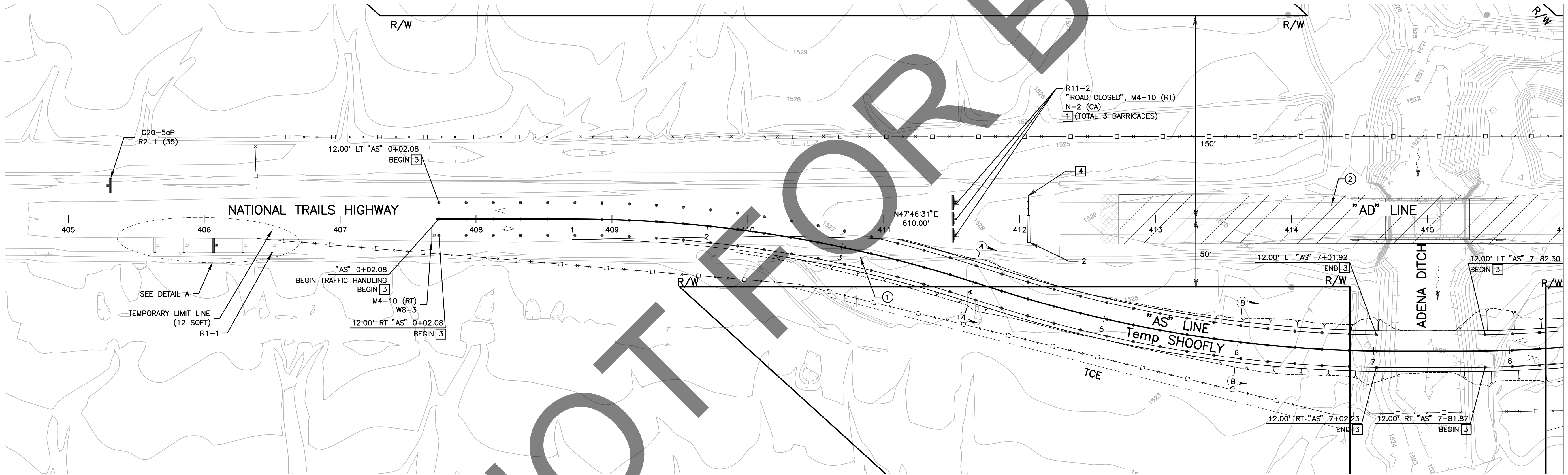


TRAFFIC CONSTRUCTION NOTES

- 1 PLACE TYPE III BARRICADE, PER CALTRANS STD PLAN A73C.
2 PLACE TEMPORARY RAILING (TYPE K) PER CALTRANS STD PLAN T3A.
3 PLACE TRAFFIC DRUMS PER CA MUTCD 2014, SECTION 6F.63.
4 PLACE TEMPORARY FENCE (TYPE CL-6).

CONSTRUCTION AREA SIGN SUMMARY

SHEET No.	CONSTRUCTION STAGE	TEMPORARY SIGN CODE	TEMPORARY SIGN MESSAGE	PANEL SIZE (IN)	POST SIZE
SC-39	2	R11-2	ROAD CLOSED	48" x 30"	BARRICADE
SC-39	2	M4-10 (RT)	DETOUR	48" x 18"	2
SC-39	2	M4-10 (RT)	DETOUR	48" x 18"	2
SC-21	2	W8-3	PAVEMENT ENDS	48" x 48"	-
SC-39	2	W20-1	ROAD WORK AHEAD	48" x 48"	1
SC-39	2	W3-1	STOP SIGN AHEAD	48" x 48"	1
SC-39	2	W20-2	DETOUR AHEAD	48" x 48"	1
SC-39	2	R1-1	STOP SIGN	30" x 30"	1
SC-39	2	W24-1 (RT)	DOUBLE REVERSE CURVE	48" x 48"	2
SC-39	2	W13-1P	ADVISORY SPEED (15 MPH)	30" x 30"	-
SC-39	2	G20-5aP	WORK ZONE	36" x 24"	-
SC-39	2	R2-1 (35)	SPEED LIMIT (35)	36" x 48"	1
SC-39	2	N-2 (CA)	OBJECT MARKER	18" x 18"	BARRICADE



SC-39

PREPARED BY:



MATTHEW ATKINSON, PROJECT ENGINEER
12/16/24
DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY:	DH	DRAWN BY:	DH	CHECKED BY:	MA	RECOMMENDED BY:	1/14/2025
						CHRIS NGUYEN, P.E. TRANSPORTATION DESIGN ENGINEERING MANAGER	DATE
						APPROVED BY:	1/16/2025
						MERVAT R. MIKHAIL, P.E. DEPUTY DIRECTOR	DATE

BRIDGE REPLACEMENT ON
NATIONAL TRAILS HIGHWAY
AT 10 BRIDGES
STAGE CONSTRUCTION AND
TRAFFIC HANDLING PLAN
ADENA DITCH - STAGE 2

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L. 11797	H14853	1"=40'	108	240

STAGE 2

- ① SHIFT TRAFFIC
② CONSTRUCT APPROACHES AND BRIDGE

NOTE:

1. ADDITIONAL CONSTRUCTION AREA SIGNS, SEE SHEET SC-1.
2. SIGNS SHOULD BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARD 303(a) AND 303 (b). SIGNS MOUNTED ON PORTABLE BARRICADES SHALL BE AUTHORIZED AS DIRECTED BY COUNTY REPRESENTATIVE.

LEGEND:

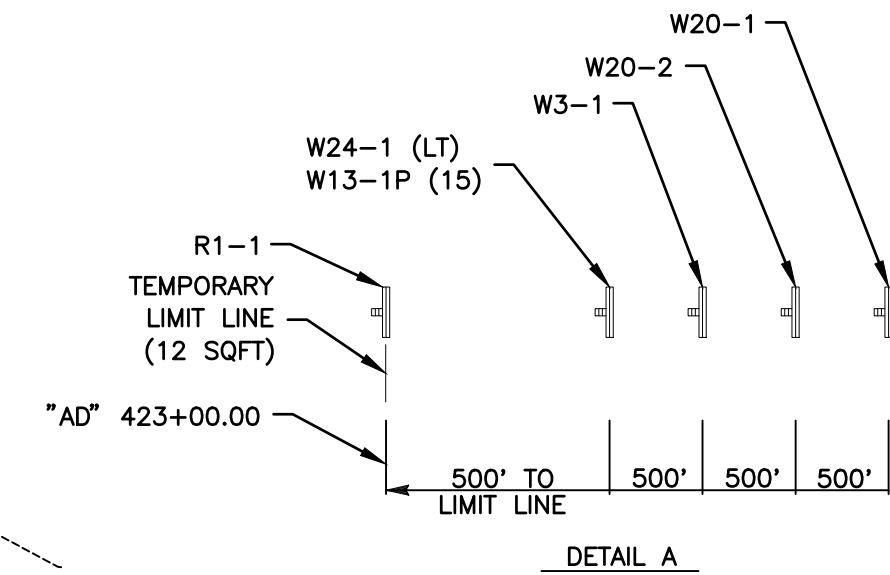
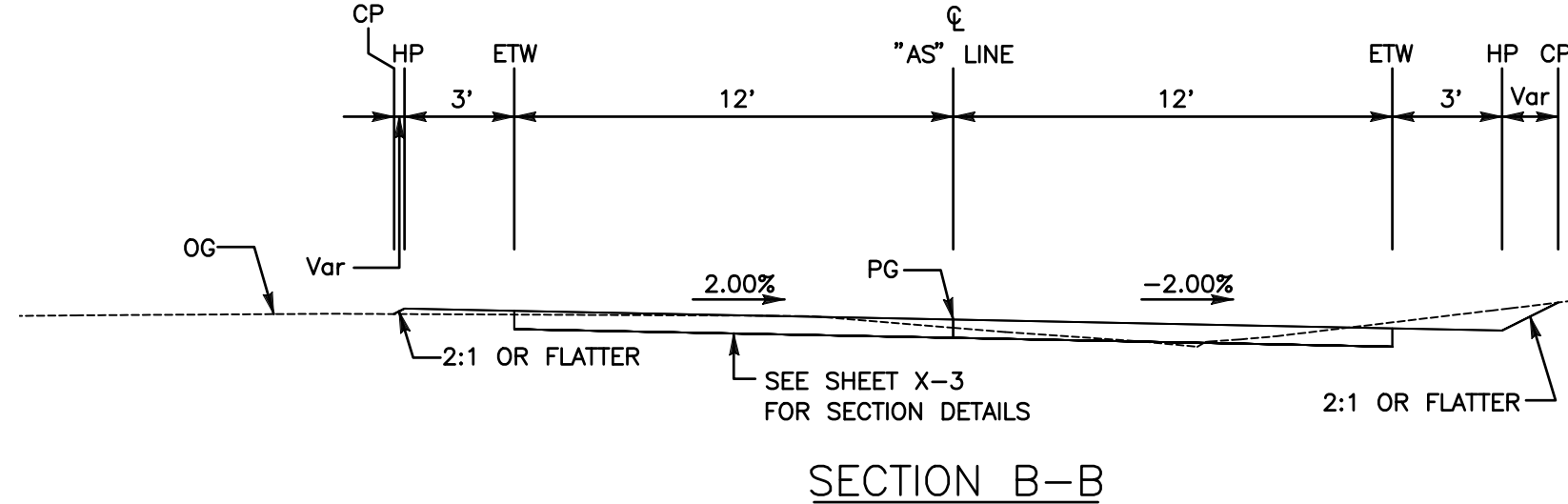
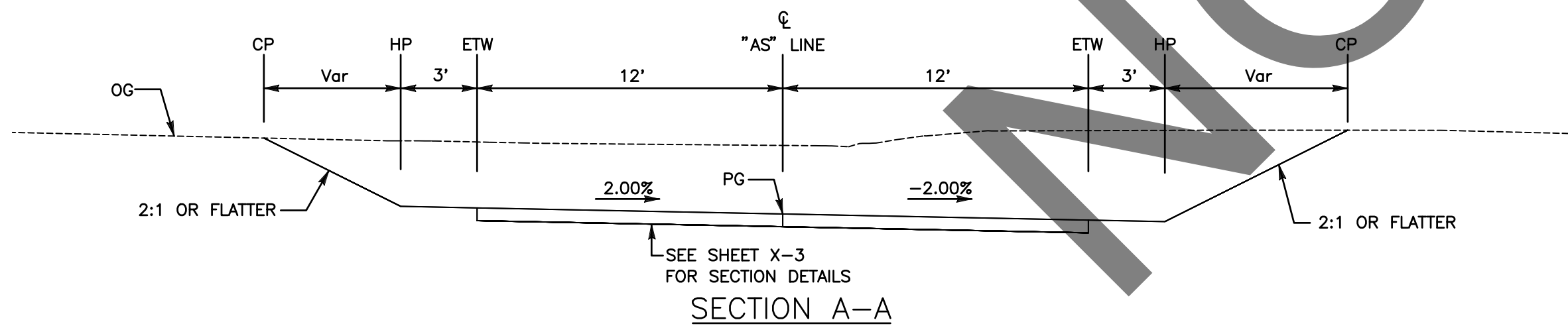
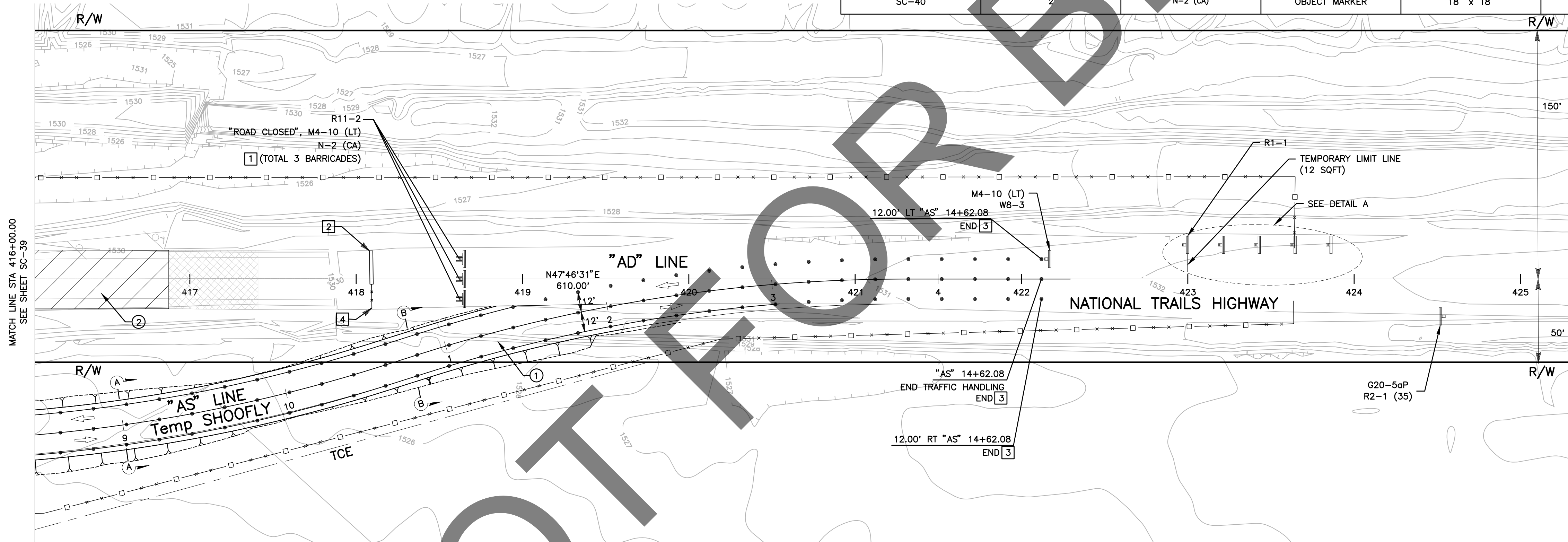
- CONSTRUCTION ZONE
DESERT TORTOISE FENCE
CONSTRUCTION AREA SIGN
BARRICADE
TRAFFIC DRUM
TEMPORARY FENCE
RAILING (TYPE K)

TRAFFIC CONSTRUCTION NOTES

- 1 PLACE TYPE III BARRICADE, PER CALTRANS STD PLAN A73C.
2 PLACE TEMPORARY RAILING (TYPE K) PER CALTRANS STD PLAN T3A.
3 PLACE TRAFFIC DRUMS PER CA MUTCD 2014, SECTION 6F.63.
4 PLACE TEMPORARY FENCE (TYPE CL-6).

CONSTRUCTION AREA SIGN SUMMARY

SHEET No.	CONSTRUCTION STAGE	TEMPORARY SIGN CODE	TEMPORARY SIGN MESSAGE	PANEL SIZE (IN)	POST SIZE
SC-40	2	R11-2	ROAD CLOSED	48" x 30"	BARRICADE
SC-40	2	M4-10 (LT)	DETOUR	48" x 18"	2
SC-40	2	M4-10 (LT)	DETOUR	48" x 18"	2
SC-40	2	W8-3	PAVEMENT ENDS	48" x 48"	-
SC-40	2	W20-1	ROAD WORK AHEAD	48" x 48"	1
SC-40	2	W3-1	STOP SIGN AHEAD	48" x 48"	1
SC-40	2	W20-2	DETOUR AHEAD	48" x 48"	1
SC-40	2	R1-1	STOP SIGN	30" x 30"	1
SC-40	2	W24-1 (LT)	DOUBLE REVERSE CURVE	48" x 48"	2
SC-40	2	W13-1P	ADVISORY SPEED (15 MPH)	30" x 30"	-
SC-40	2	G20-5aP	WORK ZONE	36" x 24"	-
SC-40	2	R2-1 (35)	SPEED LIMIT (35)	36" x 48"	1
SC-40	2	N-2 (CA)	OBJECT MARKER	18" x 18"	BARRICADE



SC-40

PREPARED BY:

DOKKEN ENGINEERING
110 BLUE RAVINE ROAD SUITE 200, FOLSOM, CA 916-858-0642
MATTHEW ATKINSON, PROJECT ENGINEER
12/16/24 DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DH	DRAWN BY: DH	CHECKED BY: MA	RECOMMENDED BY: CHRIS NGUYEN, P.E. TRANSPORTATION DESIGN ENGINEERING MANAGER 1/14/2025 DATE
APPROVED BY: LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER 1/15/2025 DATE		APPROVED BY: MERVAT R. MIKHAIL, P.E. DEPUTY DIRECTOR 1/16/2025 DATE	

BRIDGE REPLACEMENT ON NATIONAL TRAILS HIGHWAY AT 10 BRIDGES STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN ADENA DITCH - STAGE 2			
J.L. REF. J.L. 11797	W.O. NO. H14853	PLAN SCALE 1"=40'	SHT. NO. 109 TOT. SHT'S. 240

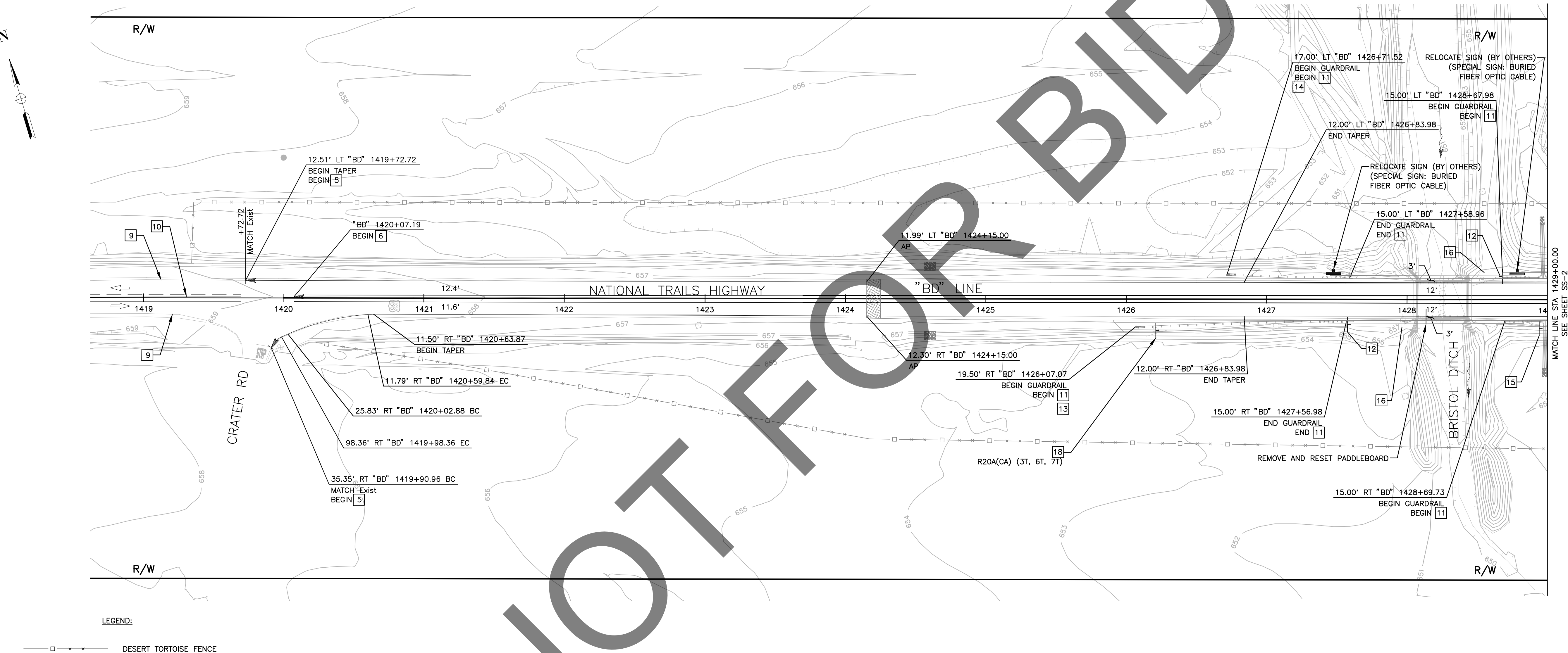
SAN BERNARDINO COUNTY TEMPORARY TRAFFIC GENERAL NOTES:

1. ALL SIGNING, STRIPING, AND PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THE CALIFORNIA MUTCD LATEST EDITION.
2. ALL STRIPING AND PAVEMENT MARKINGS SHALL BE PAINTED IN CONFORMANCE WITH THE CALTRANS 2024 STANDARD PLANS.
3. ALL STRIPING (LONG LINE) AND PAVEMENT MARKINGS SHALL BE RETROREFLECTIVE PAINT.
4. ALL CONSTRUCTION SIGNS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) FLUORESCENT ORANGE RETROREFLECTIVE SHEETING.
5. ALL REGULATORY, GUIDE, AND WARNING SIGNS SHALL BE OF HIGH INTENSITY (FHWA TYPE III/IV) RETROREFLECTIVE SHEETING EXCEPT:
 - A. STOP SIGNS SHALL BE DIAMOND GRADE (FHWA TYPE VII IN RURAL SETTINGS AND TYPE IX IN URBAN SETTINGS) RETROREFLECTIVE SHEETING.
 - B. "NO PARKING" SIGNS SHALL BE OF SUPER ENGINEERING GRADE (FHWA TYPE II) RETROREFLECTIVE SHEETING.
 - C. SCHOOL SIGNS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) FLUORESCENT YELLOW-GREEN (FYG) RETROREFLECTIVE SHEETING.
 - D. STREET NAME MARKERS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) RETROREFLECTIVE SHEETING AND CONFORM TO COUNTY STANDARD 303.
6. ALL DELINEATORS, CHANNELIZERS, AND OBJECT MARKERS SHALL BE OF FHWA TYPE VII RETROREFLECTIVE SHEETING.
7. SIGNS SHOULD BE MOUNTED ON METAL POSTS SIMILAR TO COUNTY STANDARD 303(a) AND 303(b). SIGNS MOUNTED ON PORTABLE BARRICADES SHALL BE AUTHORIZED AS DIRECTED BY COUNTY REPRESENTATIVE.

8. ALL CONFLICTING STRIPING AND PAVEMENT MARKINGS SHALL BE REMOVED BY THE CONTRACTOR. REMOVAL OF EXISTING TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE BY MECHANICAL MEANS IN CONFORMANCE WITH SCAQMD RULE 1140. PAINTING OVER OR "BLACKING OUT" SHALL NOT BE ACCEPTED. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER ON THE FINAL METHOD OF REMOVAL PRIOR TO PERFORMING THE WORK.
9. ALL CONFLICTING SIGNS SHALL BE REMOVED, RELOCATED, OR COVERED BY THE CONTRACTOR. RELOCATABLE SIGNS SHALL BE INSTALLED AS SPECIFIED ON THE PLANS OR AS DIRECTED BY COUNTY REPRESENTATIVE.
10. ALL UNPROTECTED LOCATIONS RESULTING IN ISOLATED ABRUPT DEPRESSIONS OR ELEVATED OBJECTS (I.E. CATCH BASINS, HEADWALLS, POWER POLES, END TREATMENT OF ASPHALT DIKES AND CONCRETE CURBS) SHALL BE PROTECTED BY DELINEATORS OR BARRIERS PER THE CALIFORNIA MUTCD LATEST EDITION.
11. ALL EXISTING SIGNING, STRIPING AND PAVEMENT MARKINGS (I.E. CROSS STREET STOP, STOP LIMIT LINE, AND CROSSWALK PAVEMENT MARKINGS) NOT SHOWN ON PLANS, IF REMOVED/OBLITERATED, SHALL BE REPLACED/RESTORED OF SAME KIND, AND IN CONFORMANCE WITH THE CALIFORNIA MUTCD LATEST EDITION.
12. ALL ROAD CLOSURE BARRICADES SHALL COMPLY WITH COUNTY STANDARDS 305C, 305D, 305E, AND 305F.

TRAFFIC CONSTRUCTION NOTES

5. PLACE PAINT TRAFFIC STRIPE, DETAIL 27B PER CALTRANS STD PLAN A20B.
6. PLACE PAINT TRAFFIC STRIPE, DETAIL 21 PER CALTRANS STD PLAN A20A.
9. EXISTING 6" WHITE EDGE LINE STRIPING.
10. EXISTING 6" CENTERLINE STRIPE.
11. INSTALL DELINEATOR (CLASS I) SPACING 25' PER CA MUTCD 2014, FIG 3F-101 (CA) TYPE E.
12. INSTALL OBJECT MARKER FOR BRIDGE NUMBER, SEE SHEET C-1 FOR DETAILS.
13. PLACE OBJECT MARKER TYPE P (OM-3R) WITH REFLECTIVE MATERIAL ON IMPACT HEAD.
14. PLACE OBJECT MARKER TYPE P (OM-3L) WITH REFLECTIVE MATERIAL ON IMPACT HEAD.
15. PLACE OBJECT MARKER TYPE L-1 (CA) PER CA MUTCD FIG 2C-13 (CA).
16. REMOVE BRIDGE NUMBER OBJECT MARKER.
18. RESET ROADSIDE SIGN PER CA MUTCD 2014, FIGURE 2A-2(CA).



SS-1

PREPARED BY:

DOKKEN
ENGINEERING
110 BLUE RAINE ROAD SUITE 200, FOLSOM CA 916-858-0642

MATTHEW ATKINSON, PROJECT ENGINEER
12/18/24
DATE

MARK CHANGES NO CHANGES RESIDENT ENGINEER DATE

FIELD CHANGES



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: DH DRAWN BY: DH CHECKED BY: MA RECOMMENDED BY: ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER 1/15/25 DATE
APPROVED BY: GRANT MANN, P.E. DEPUTY DIRECTOR 01/21/25 DATE
LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER 1/15/2025 DATE

BRIDGE REPLACEMENT ON
NATIONAL TRAILS HIGHWAY
AT 10 BRIDGES
SIGNING AND STRIPING
BRISTOL DITCH

J.L. REF. J.L. 11798 W.O. NO. H14910 PLAN SCALE 1"=40' SHT. NO. 110 TOT. SHT'S. 240

FILE NO. 586600-120,
586600-110, AND 586600-100

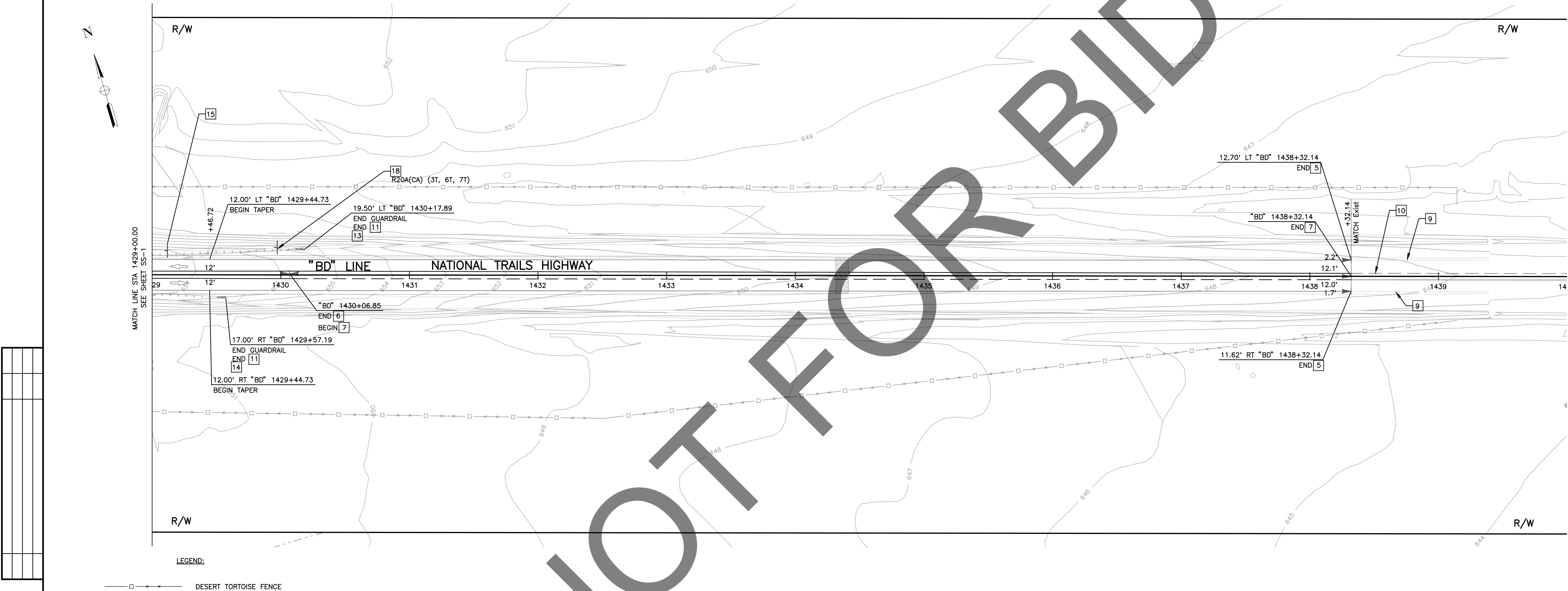
FILE NO. 586600-120, 586600-110, AND 586600-100

SAN BERNARDINO COUNTY TEMPORARY TRAFFIC GENERAL NOTES:

- ALL SIGNING, STRIPING, AND PAVEMENT MARKINGS SHALL BE IN CONFORMANCE WITH THE CALIFORNIA MUTCD LATEST EDITION.
- ALL STRIPING AND PAVEMENT MARKINGS SHALL BE PAINTED IN CONFORMANCE WITH THE CALTRANS 2024 STANDARD PLANS.
- ALL STRIPING (LONG LINE) AND PAVEMENT MARKINGS SHALL BE RETROREFLECTIVE PAINT.
- ALL CONSTRUCTION SIGNS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) FLUORESCENT ORANGE RETROREFLECTIVE SHEETING.
- ALL REGULATORY, GUIDE, AND WARNING SIGNS SHALL BE OF HIGH INTENSITY (FHWA TYPE III/IV) RETROREFLECTIVE SHEETING EXCEPT:
 - STOP SIGNS SHALL BE DIAMOND GRADE (FHWA TYPE VII IN RURAL SETTINGS AND TYPE IX IN URBAN SETTINGS) RETROREFLECTIVE SHEETING.
 - "NO PARKING" SIGNS SHALL BE OF SUPER ENGINEERING GRADE (FHWA TYPE II) RETROREFLECTIVE SHEETING.
 - SCHOOL SIGNS SHALL BE OF DIAMOND GRADE (FHWA TYPE IX) FLUORESCENT YELLOW-GREEN (FYG) RETROREFLECTIVE SHEETING.
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- | | |
|--------------------------|---|
| <input type="checkbox"/> | TRAFFIC CONSTRUCTION NOTES |
| 5 | PLACE PAINT TRAFFIC STRIPE, DETAIL 27B PER CALTRANS STD PLAN A20B. |
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| 15 | PLACE OBJECT MARKER TYPE L-1 (CA) PER CA MUTCD FIG 2C-13 (CA). |
| 18 | RESET ROADSIDE SIGN PER CA MUTCD 2014, FIGURE 2A-2(CA). |



PREPARED BY:

DOKKEN
ENGINEERING
110 BLUE RAVINE ROAD SUITE 200, FOLSOM CA, 916-858-0642
MATTHEW ATKINSON, PROJECT ENGINEER
12/18/24
DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		
FIELD CHANGES			



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DH	DRAWN BY: DH	CHECKED BY: MA	RECOMMENDED BY: ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER 1/15/25 DATE
LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER 1/15/2025 DATE		APPROVED BY: GRANT MANN, P.E. DEPUTY DIRECTOR 01/21/25 DATE	

BRIDGE REPLACEMENT ON NATIONAL TRAILS HIGHWAY AT 10 BRIDGES SIGNING AND STRIPING BRISTOL DITCH			
J.L. REF. J.L. 11798	W.O. NO. H14910	PLAN SCALE 1"=40'	SHT. NO. 111 TOT. SHT'S. 240

FILE NO. 586600-120,
586600-110, AND 586600-100

FILE NO. 586600-120, 586600-110, AND 586600-100

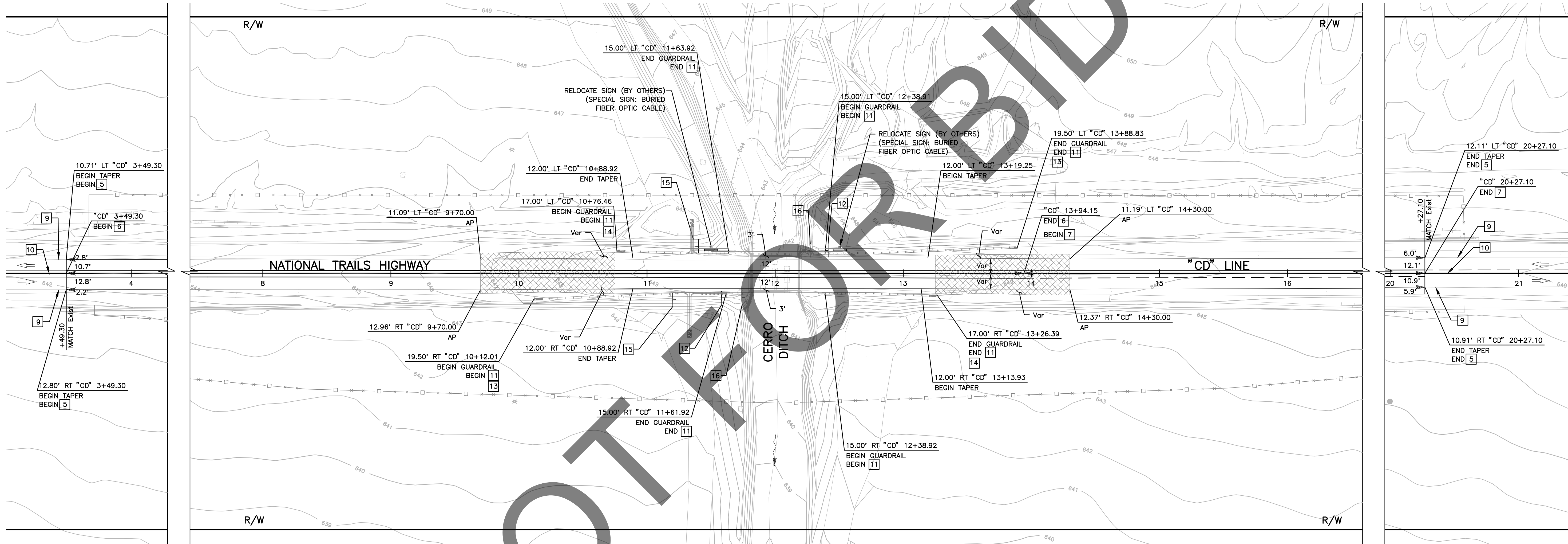
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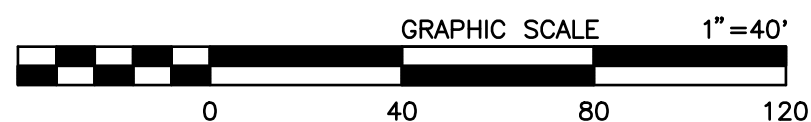
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- PLACE OBJECT MARKER TYPE L-1 (CA) PER CA MUTCD FIG 2C-13 (CA).
- REMOVE BRIDGE NUMBER OBJECT MARKER.



LEGEND:

— * — * — * — DESERT TORTOISE FENCE



PREPARED BY:

DOKKEN
ENGINEERING
110 BLUE RAVINE ROAD SUITE 200, FOLSOM CA, 916-858-0642

MATTHEW ATKINSON, PROJECT ENGINEER
12/18/24
DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES



SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS			
DESIGNED BY: DH	DRAWN BY: DH	CHECKED BY: MA	RECOMMENDED BY: ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER 1/15/25 DATE
LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER 1/15/2025 DATE			APPROVED BY: GRANT MANN, P.E. DEPUTY DIRECTOR 01/21/25 DATE

BRIDGE REPLACEMENT ON NATIONAL TRAILS HIGHWAY AT 10 BRIDGES SIGNING AND STRIPING CERRO DITCH			
J.L. REF. J.L. 11800	W.O. NO. H14912	PLAN SCALE 1"=40'	TOT. SHT'S. 240
SHT. NO. 112			

FILE NO. 586600-120,
586600-110, AND 586600-100

FILE NO. 586600-120, 586600-110, AND 586600-100

SS-3

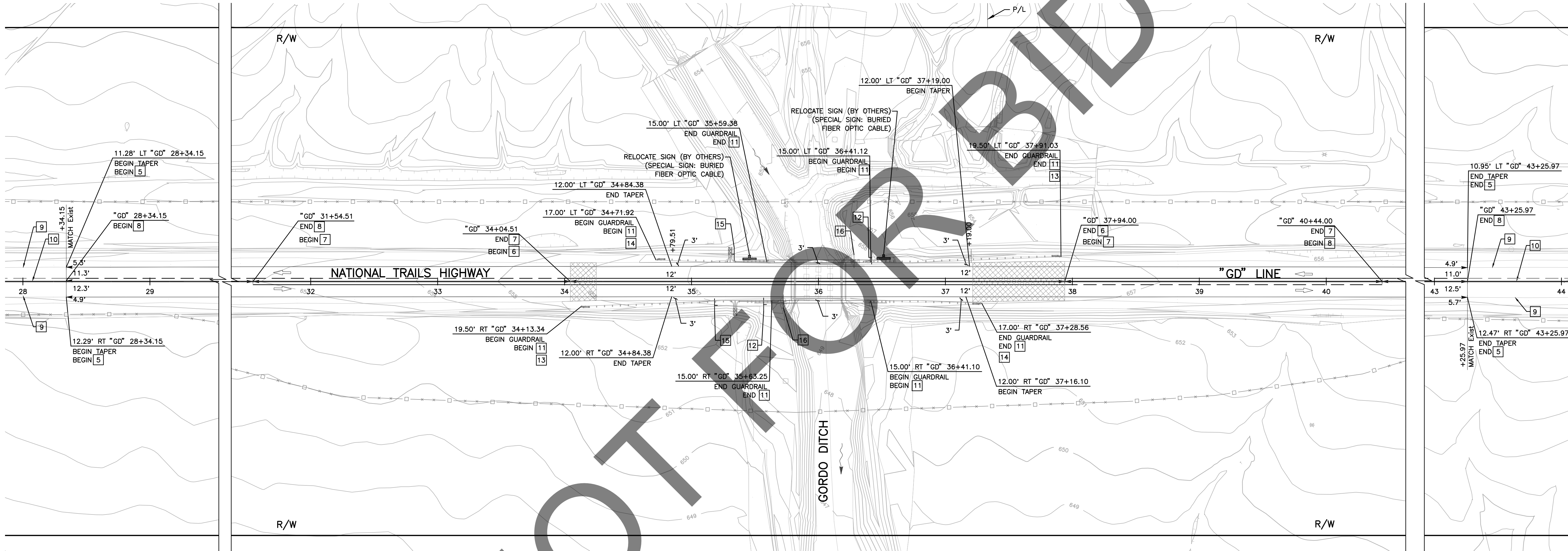
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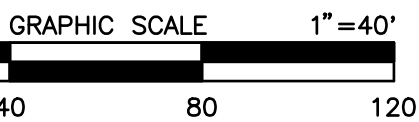
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LEGEND:

— □ — * — DESERT TORTOISE FENCE

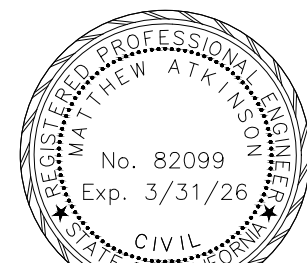


PREPARED BY:

DOKKEN ENGINEERING
110 BLUE RAINE ROAD SUITE 200, FOLSOM CA, 916-858-0642
MATTHEW ATKINSON, PROJECT ENGINEER
12/18/24 DATE

MARK CHANGES NO CHANGES RESIDENT ENGINEER DATE

FIELD CHANGES



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

DESIGNED BY: DH DRAWN BY: DH CHECKED BY: MA RECOMMENDED BY: ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER 1/15/25 DATE
APPROVED BY: GRANT MANN, P.E. DEPUTY DIRECTOR 01/21/25 DATE
LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER 1/15/2025 DATE

BRIDGE REPLACEMENT ON
NATIONAL TRAILS HIGHWAY
AT 10 BRIDGES
SIGNING AND STRIPING
GORDO DITCH

J.L. REF. J.L. 11805 W.O. NO. H14917 PLAN SCALE 1"=40' SHT. NO. 113 TOT. SHT'S. 240

FILE NO. 586600-120,
586600-110, AND 586600-100

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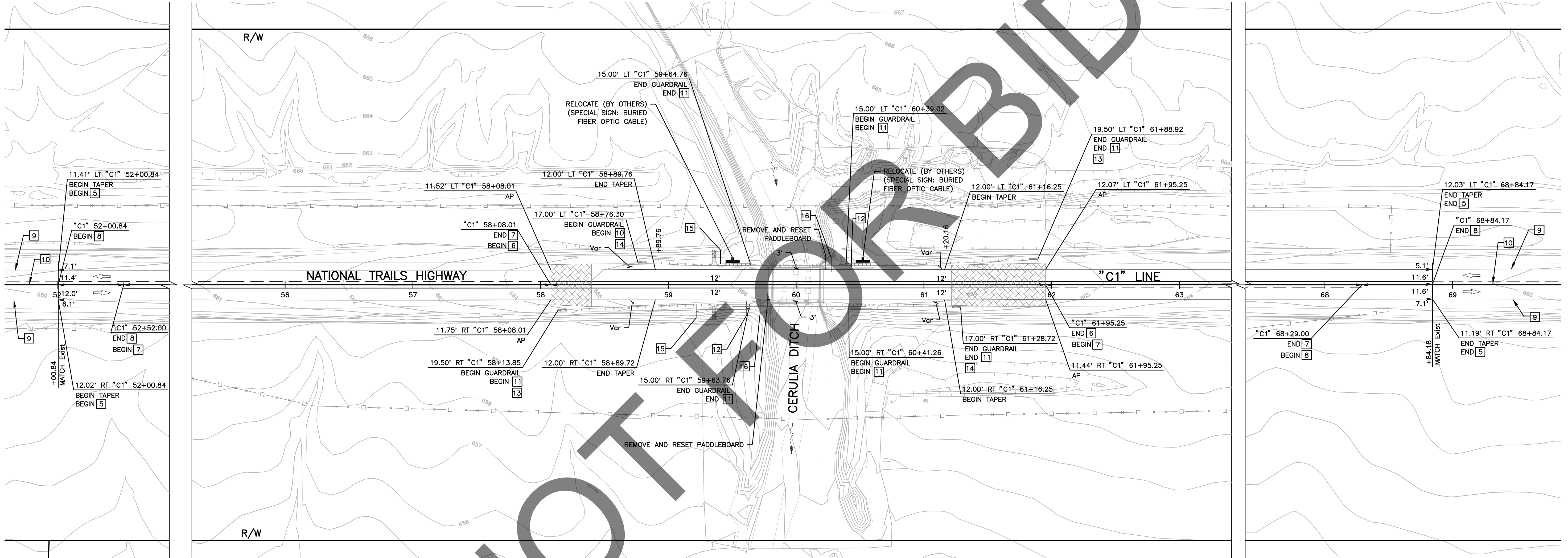
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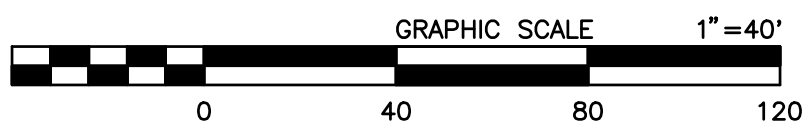
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16. REMOVE BRIDGE NUMBER OBJECT MARKER.



LEGEND:

DESERT TORTOISE FENCE



PREPARED BY:

DOKKEN ENGINEERING
110 BLUE RAVINE ROAD SUITE 200, FOLSOM CA, 916-858-0642
MATTHEW ATKINSON, PROJECT ENGINEER
12/16/24
DATE

MARK CHANGES NO CHANGES RESIDENT ENGINEER DATE

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DEPARTMENT OF PUBLIC WORKS
DESIGNED BY: DH DRAWN BY: DH CHECKED BY: MA RECOMMENDED BY: ANTHONY PHAM, P.E. 1/15/25
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J.L. REF. J.L. 11806 W.O. NO. H14918 PLAN SCALE 1"=40' SHT. NO. 114 TOT. SHT'S. 240

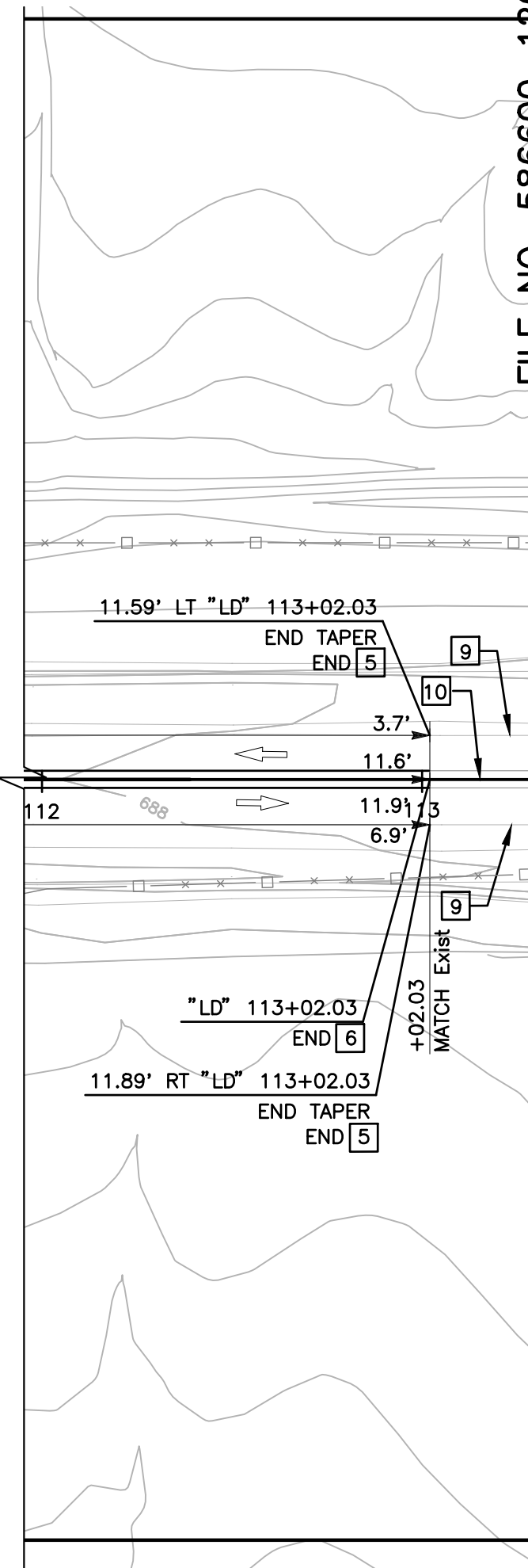
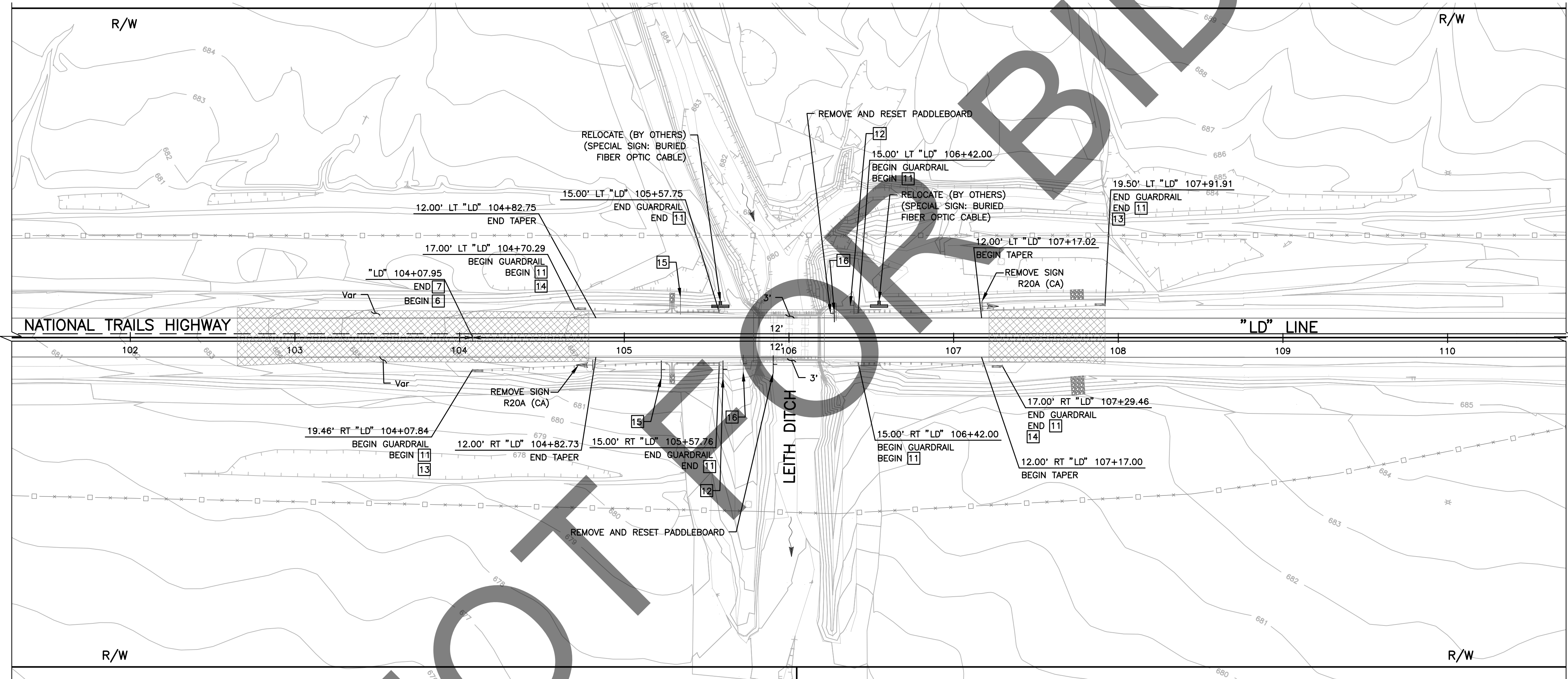
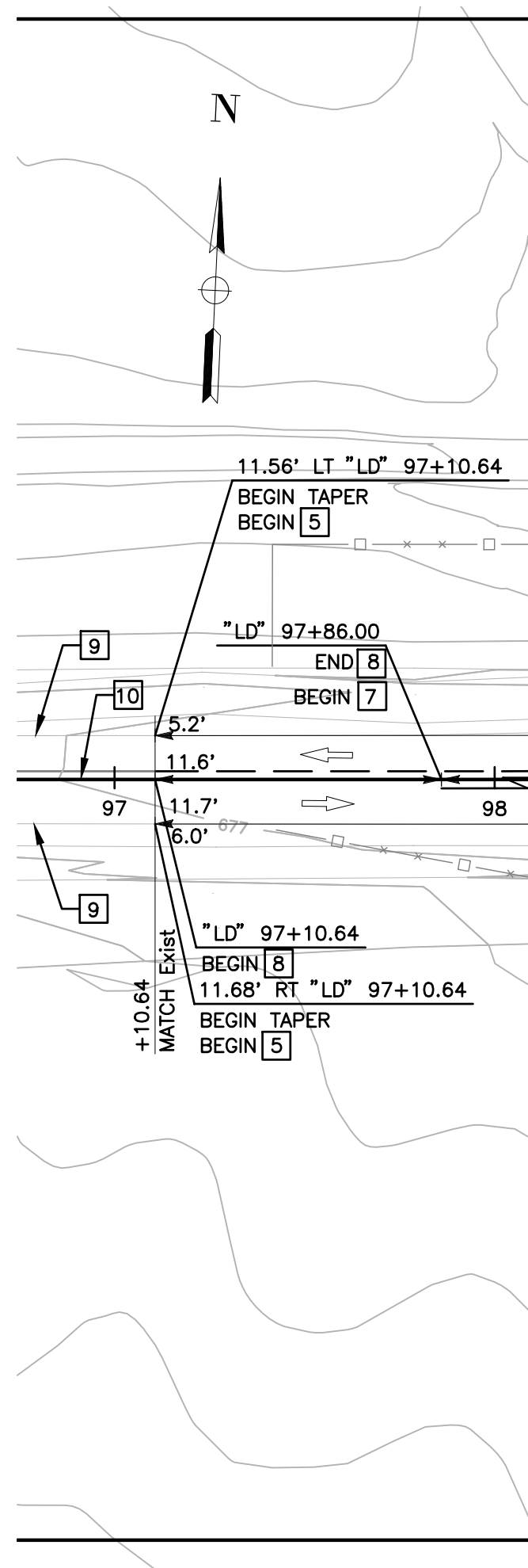
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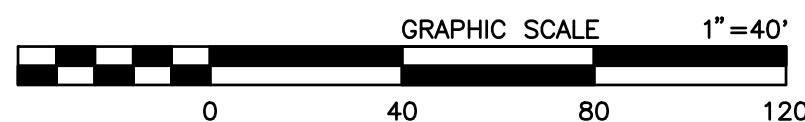
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- PLACE OBJECT MARKER TYPE L-1 (CA) PER CA MUTCD FIG 2C-13 (CA).
- REMOVE BRIDGE NUMBER OBJECT MARKER.



LEGEND:

DESERT TORTOISE FENCE



PREPARED BY:

DOKKEN ENGINEERING
110 BLUE RAVINE ROAD SUITE 200, FOLSOM CA, 916-858-0642

MATTHEW ATKINSON, PROJECT ENGINEER
12/18/24 DATE

MARK	CHANGES	RESIDENT ENGINEER	DATE
	NO CHANGES		

FIELD CHANGES



SAN BERNARDINO COUNTY
DEPARTMENT OF PUBLIC WORKS

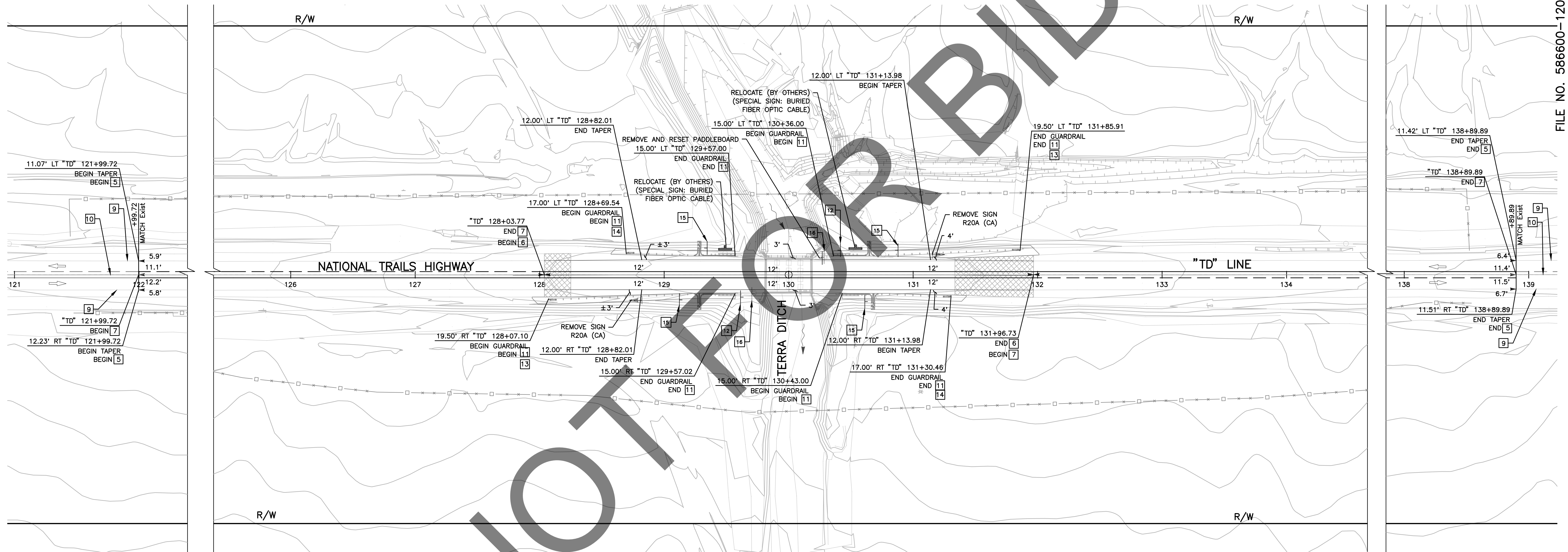
DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:
DH	DH	MA	ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER
LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER	1/15/2025 DATE	01/21/25 DATE	1/15/25 DATE

BRIDGE REPLACEMENT ON
NATIONAL TRAILS HIGHWAY
AT 10 BRIDGES
SIGNING AND STRIPING
LEITH DITCH

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L. 11803	H14915	1"=40'	115	240

8. ALL CONFLICTING STRIPING AND PAVEMENT MARKINGS SHALL BE REMOVED BY THE CONTRACTOR. REMOVAL OF EXISTING TRAFFIC STRIPES AND PAVEMENT MARKINGS SHALL BE BY MECHANICAL MEANS IN CONFORMANCE WITH SCAQMD RULE 1140. PAINTING OVER OR "BLACKING OUT" SHALL NOT BE ACCEPTED.. THE CONTRACTOR SHALL OBTAIN APPROVAL FROM THE ENGINEER ON THE FINAL METHOD OF REMOVAL PRIOR TO PERFORMING THE WORK.
9. ALL CONFLICTING SIGNS SHALL BE REMOVED, RELOCATED, OR COVERED BY THE CONTRACTOR. RELOCATABLE SIGNS SHALL BE INSTALLED AS SPECIFIED ON THE PLANS OR AS DIRECTED BY COUNTY REPRESENTATIVE.
10. ALL UNPROTECTED LOCATIONS RESULTING IN ISOLATED ABRUPT DEPRESSIONS OR ELEVATED OBJECTS (I.E. CATCH BASINS, HEADWALLS, POWER POLES, END TREATMENT OF ASPHALT DIKES AND CONCRETE CURBS) SHALL BE PROTECTED BY DELINEATORS OR BARRIERS PER THE CALIFORNIA MUTCD LATEST EDITION.
11. ALL EXISTING SIGNING, STRIPING AND PAVEMENT MARKINGS (I.E. CROSS STREET STOP, STOP LIMIT LINE, AND CROSSWALK PAVEMENT MARKINGS) NOT SHOWN ON PLANS, IF REMOVED/OBLITERATED, SHALL BE REPLACED/RESTORED OF SAME KIND, AND IN CONFORMANCE WITH THE CALIFORNIA MUTCD LATEST EDITION.
12. ALL ROAD CLOSURE BARRICADES SHALL COMPLY WITH COUNTY STANDARDS 305C, 305D, 305E, AND 305F.

6 PLACE PAINT TRAFFIC STRIPE, DETAIL 27B PER CALTRANS STD PLAN A20B.
7 PLACE PAINT TRAFFIC STRIPE, DETAIL 21 PER CALTRANS STD PLAN A20A.
8 PLACE PAINT TRAFFIC STRIPE, DETAIL 18 PER CALTRANS STD PLAN A20A.
9 EXISTING 6" WHITE EDGE LINE STRIPING.
10 EXISTING 6" CENTERLINE STRIPE.
11 INSTALL DELINEATOR (CLASS I) SPACING 25' PER CA MUTCD 2014, FIG 3F-101 (CA) TYPE E.
12 INSTALL OBJECT MARKER FOR BRIDGE NUMBER, SEE SHEET C-1 FOR DETAILS.
13 PLACE OBJECT MARKER TYPE P (OM-3R) WITH REFLECTIVE MATERIAL ON IMPACT HEAD.
14 PLACE OBJECT MARKER TYPE P (OM-3L) WITH REFLECTIVE MATERIAL ON IMPACT HEAD.
15 PLACE OBJECT MARKER TYPE L-1 (CA) PER CA MUTCD FIG 2C-13 (CA).
16 REMOVE BRIDGE NUMBER OBJECT MARKER.



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SS-7

Type text here



DOKKEN
ENGINEERING

12/16/24
DATE

12/16/24
DATE

FIELD CHANGES



DESIGNED BY: _____	DRAWN BY: _____	CHECKED BY: _____	RECOMMENDED BY: _____	1/15/25
DH	DH	MA	ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER	DATE
CER CF		1/15/2025	APPROVED BY: _____	01/21/25
LEI (ROCKY) LI, P.E. SUPERISING ENGINEER	DATE		GRANT MANN, P.E. DEPUTY DIRECTOR	DATE

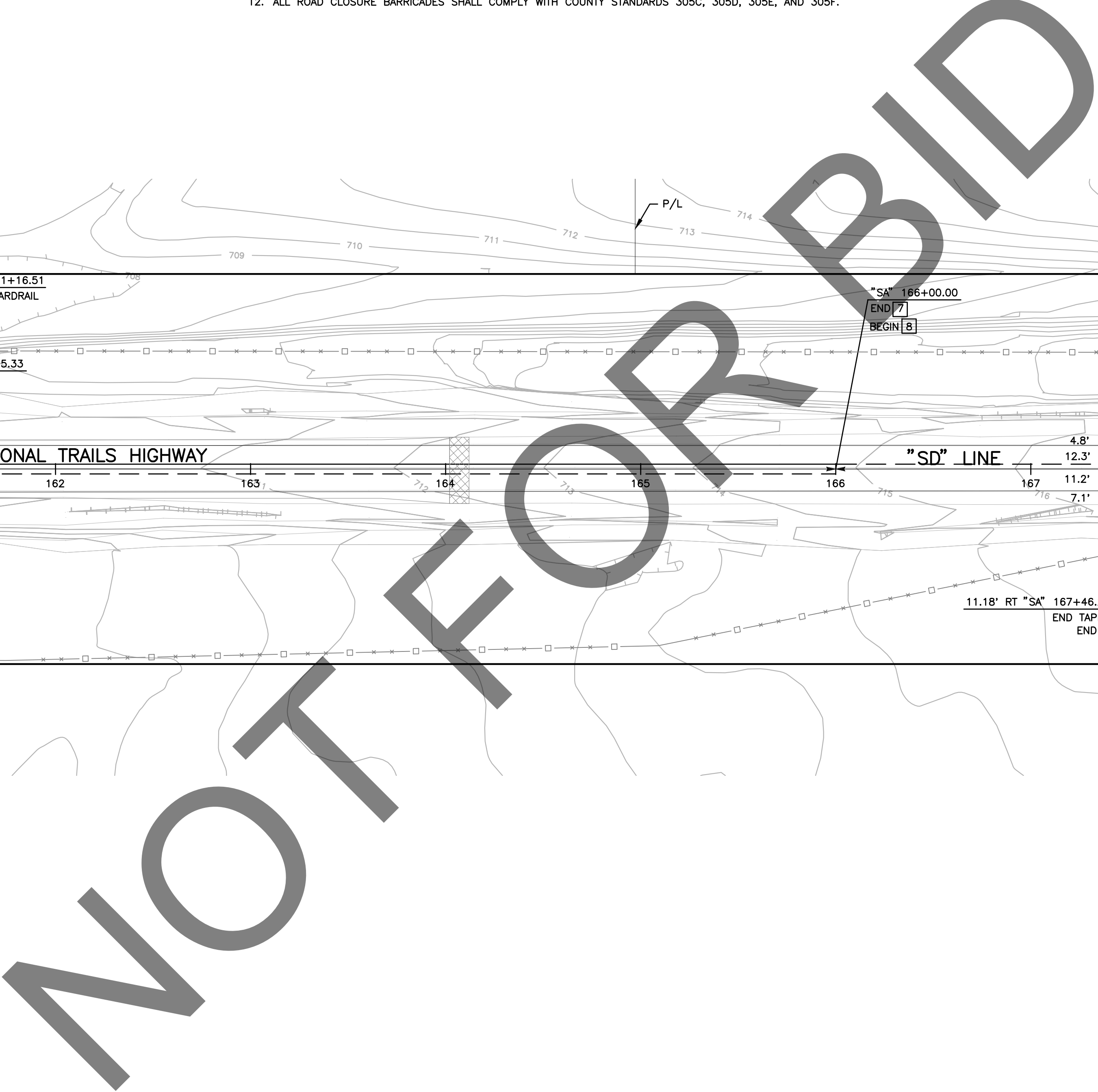
BRIDGE REPLACEMENT ON
NATIONAL TRAILS HIGHWAY
AT 10 BRIDGES
SIGNING AND STRIPING
TERRA DITCH

J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.
J.L. 11802	H14914	1"=40'	116	240

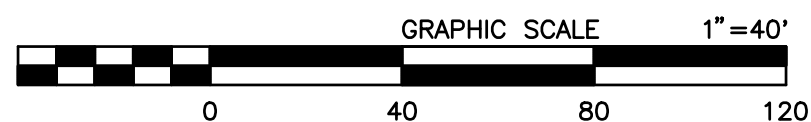
FILE NO. 586600-120,
586600-110, AND 586600-100

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- FILE NO. 586600-120, 586600-110, AND 586600-100



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SS-9

PREPARED BY:  110 BLUE RAVINE ROAD SUITE 200, FOLSOM CA, 916-858-0642  MATTHEW ATKINSON, PROJECT ENGINEER	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td></tr> <tr><td style="height: 20px;"></td></tr> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 10%;">MARK</th> <th style="width: 30%;">CHANGES</th> <th style="width: 40%;">RESIDENT ENGINEER</th> <th style="width: 20%;">DATE</th> </tr> <tr> <td></td> <td>NO CHANGES</td> <td></td> <td></td> </tr> </table> <p style="text-align: center; font-weight: bold; margin-top: 10px;">FIELD CHANGES</p>						MARK	CHANGES	RESIDENT ENGINEER	DATE		NO CHANGES				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="4" style="text-align: center;">SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS</th> </tr> <tr> <td style="width: 15%;">DESIGNED BY:</td> <td style="width: 15%;">DRAWN BY:</td> <td style="width: 15%;">CHECKED BY:</td> <td style="width: 55%;">RECOMMENDED BY:</td> </tr> <tr> <td style="text-align: center;">DH</td> <td style="text-align: center;">DH</td> <td style="text-align: center;">MA</td> <td>  ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER 1/15/25 DATE </td> </tr> <tr> <td colspan="3">  1/15/2025 LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER DATE </td> <td>  GRANT MANN, P.E. DEPUTY DIRECTOR 01/21/25 DATE </td> </tr> </table>	SAN BERNARDINO COUNTY DEPARTMENT OF PUBLIC WORKS				DESIGNED BY:	DRAWN BY:	CHECKED BY:	RECOMMENDED BY:	DH	DH	MA	 ANTHONY PHAM, P.E. TRAFFIC DIVISION ENGINEERING MANAGER 1/15/25 DATE	 1/15/2025 LEI (ROCKY) LI, P.E. SUPERVISING ENGINEER DATE			 GRANT MANN, P.E. DEPUTY DIRECTOR 01/21/25 DATE	BRIDGE REPLACEMENT ON NATIONAL TRAILS HIGHWAY AT 10 BRIDGES SIGNING AND STRIPING SOMBRA DITCH	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>J.L. REF.</td> <td>W.O. NO.</td> <td>PLAN SCALE</td> <td>SHT. NO.</td> <td>TOT. SHT'S.</td> </tr> <tr> <td>J.L. 11799</td> <td>H14911</td> <td>1"=40'</td> <td>118</td> <td>240</td> </tr> </table>	J.L. REF.	W.O. NO.	PLAN SCALE	SHT. NO.	TOT. SHT'S.	J.L. 11799	H14911	1"=40'	118	240
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