Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	1,101,135, 154,217,246	Var	1	16

INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2-7	CONSTRUCTION DETAILS
8-9	CONSTRUCTION AREA SIGNS
10-11	PAVEMENT DELINEATION QUANTITIES
12	SUMMARY OF QUANTITIES
13-16	REVISED STANDARD PLANS

THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

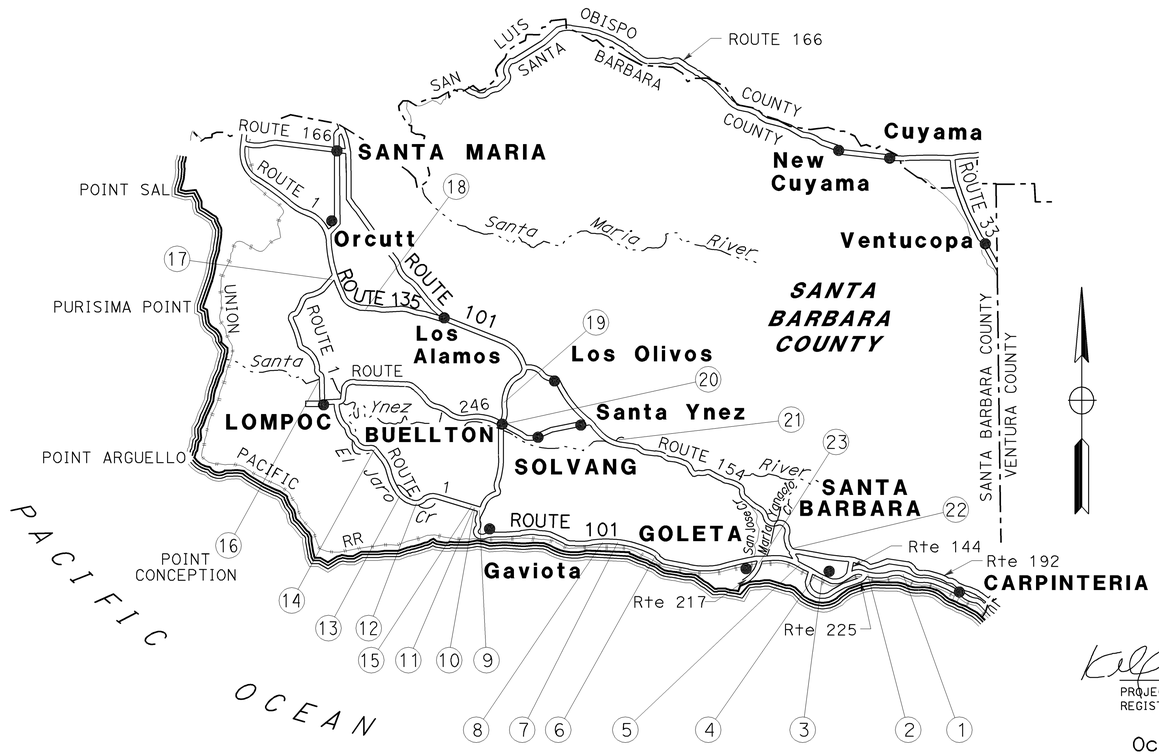
PROJECT PLANS FOR CONSTRUCTION ON STATE HIGHWAY

IN SANTA BARBARA COUNTY AT VARIOUS LOCATIONS

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

LOCATIONS OF CONSTRUCTION

Loc	Co	ROUTE	PM	BRIDGE NAME	BRIDGE No.
1	SB	101	8.26	EVANS Ave UC	51-0226R
2	SB	101	11.43	CABRILLO Blvd UC	51-0086R
3	SB	101	13.93	MISSION CREEK	51-0298R/L
4	SB	101	14.51	ORTEGA St POC	51-0325
5	SB	101	17.78	LA CUMBRE Rd OC	51-0304
6	SB	101	30.07	DOS PUEBLOS CREEK Br & UC	51-0033L
7	SB	101	R36.62	REFUGIO Rd UC	51-0215R/L
8	SB	101	39.75	ARROYO QUEMADO	51-0028L
9	SB	1	R0.01	LAS CRUCES Sep	51-0239
10	SB	1	R0.16	GAVIOTA CREEK	51-0240R
11	SB	1	R0.16	S1-S101 CONNECTOR	51-0240F
12	SB	1	R4.38	EL JARO CREEK	51-0150
13	SB	1	R6.78	EL JARO CREEK	51-0090
14	SB	1	9.89	EL JARO CREEK	51-0091
15	SB	1	R0.16	GAVIOTA CREEK Sep	51-0231L
16	SB	1	22.52	SANTA YNEZ RIVER	51-0097R
17	SB	1	M36.19	VANDENBURG Rd Sep	51-0034R
18	SB	135	R7.22	SAN ANTONIO CREEK	51-0006
19	SB	101	R57.55	NORTH BUELLTON OC	51-0225
20	SB	246	26.27	Rte 246/101 Sep	51-0222
21	SB	154	R10.12	SANTA YNEZ RIVER	51-0079
22	SB	154	R31.54	Rte 154/192 Sep	51-0258
23	SB	217	0.72	GOLETA SLOUGH Br AND UC	51-0161



NO SCALE

PROJECT MANAGER: KELLY J.McCLAIN

DESIGN ENGINEER: KELLY J.McCLAIN

THE CONTRACTOR SHALL POSSESS THE CLASS (OR CLASSES) OF LICENSE AS SPECIFIED IN THE "NOTICE TO BIDDERS."

10-04-10

PROJECT ENGINEER — DATE

REGISTERED CIVIL ENGINEER

K.L.McKINLEY No. 49413 Exp. 9-30-12 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

October 4, 2010

PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

DATE PLOTTED => 04-OCT-2010
TIME PLOTTED => 07:55

LAST REVISION 10-04-10

CONTRACT No.	05-0S8604
PROJECT ID	0500000465

BORDER LAST REVISED 7/2/2010 | CALTRANS WEB SITE IS: HTTP//WWW.DOT.CA.GOV/ | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | USERNAME => s118989 DGN FILE => 0500000465ab001.dgn | UNIT 1251 | PROJECT NUMBER & PHASE 05000004651

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	I, 101, 135, 154, 217, 246	Var	2	16

10-04-10
REGISTERED CIVIL ENGINEER DATE

K.L.McKINLEY No. 49413 Exp. 9-30-12 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

10-04-10
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.
2. REMOVE EXISTING JOINT SEAL AT BACKWALL. PLACE NEW JOINT SEAL MR=1"; NO WATERSTOP; DEPTH TO CLEAN 12"; APPROXIMATE LENGTH 42 FT.
3. Var 28.25' - 29.38' ACROSS BRIDGE LENGTH.
4. LOCATION REQUIRES PUBLIC SAFETY PLAN.

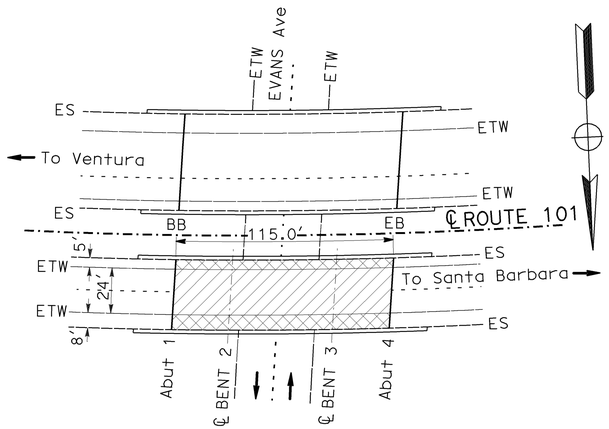
LEGEND:

GRIND ¾" PCC BRIDGE DECK, REMOVE UNSOUND CONCRETE, PATCH WITH RAPID SET CONCRETE, PREPARE EXISING CONCRETE DECK AND PLACE ¾" POLYESTER CONCRETE DECK OVERLAY.

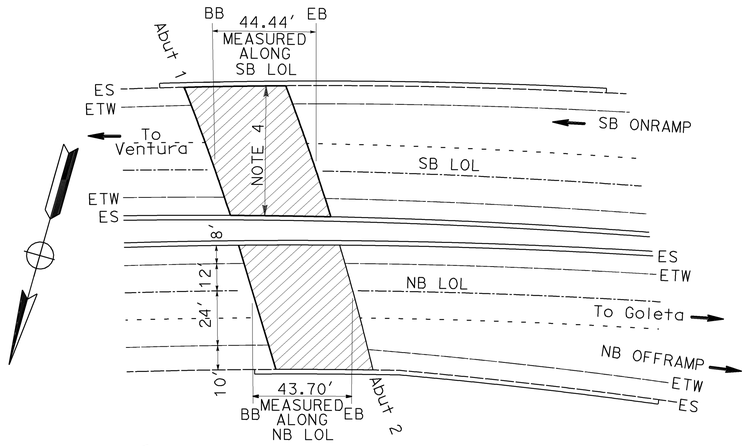
REMOVE UNSOUND CONCRETE, PATCH WITH RAPID SET CONCRETE, CLEAN AND TREAT BRIDGE DECK WITH METHACRYLATE.

REMOVE CONTRAST TREATMENT, REMOVE UNSOUND CONCRETE, PATCH WITH RAPID SET CONCRETE, CLEAN AND TREAT BRIDGE DECK WITH METHACRYLATE.

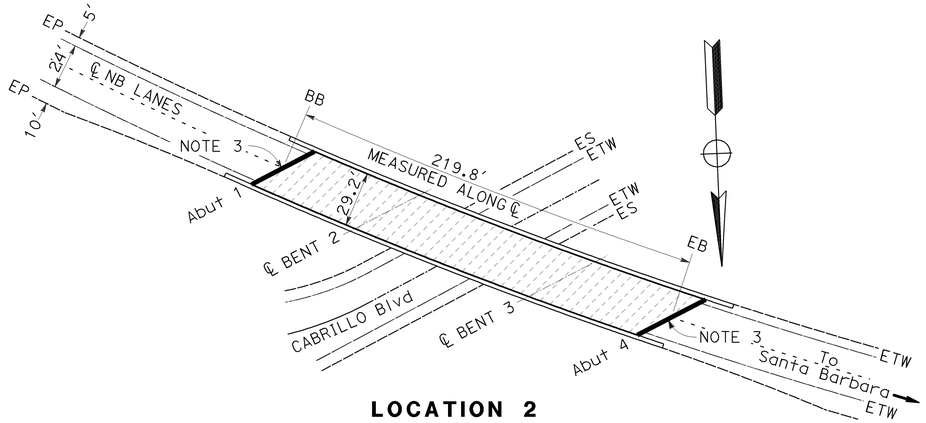
INDICATES LOCATION OF REMOVE EXISTING JOINT SEAL AND PLACE NEW JOINT SEAL.



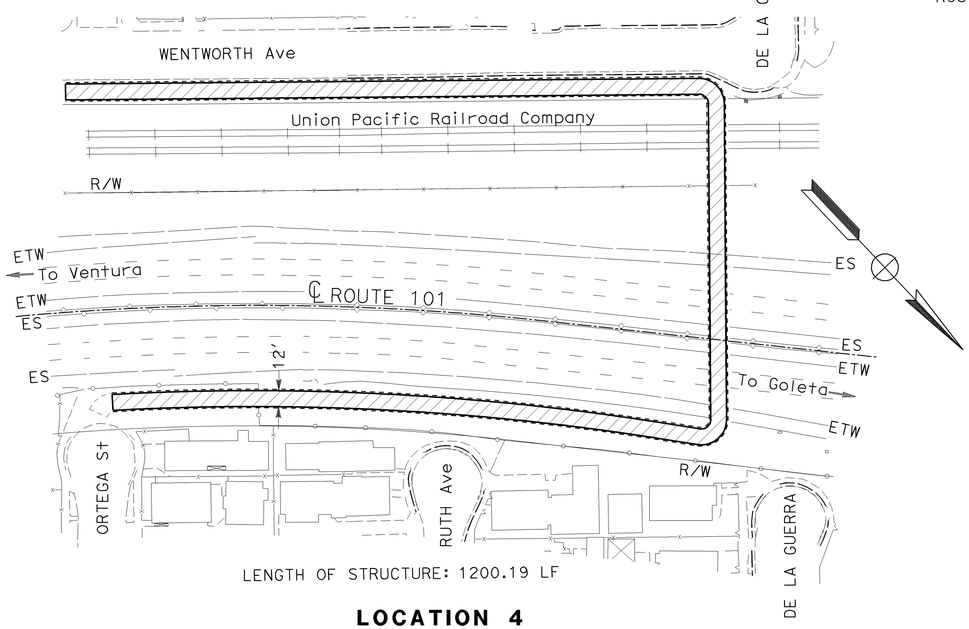
LOCATION 1
EVANS Ave UC (Br No. 51-0226R)
ROUTE101-PM 8.26
NOTE 4



LOCATION 3
MISSION CREEK (Br No. 51-0298R/L)
ROUTE 101-PM 13.93
NOTE 4

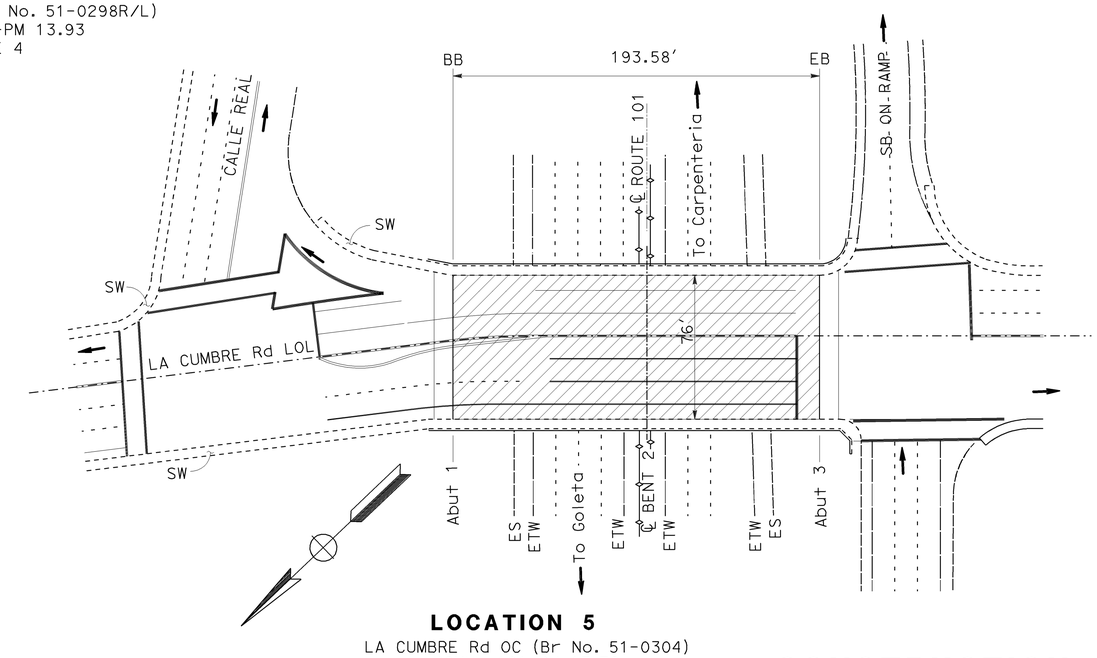


LOCATION 2
CABRILLO Blvd UC (Br No. 51-0086R)
ROUTE 101-PM 11.43



LENGTH OF STRUCTURE: 1200.19 LF

LOCATION 4
ORTEGA STREET POC (Br No. 51-0325)
ROUTE 101-PM 14.51
NOTE 4



LOCATION 5
LA CUMBRE Rd OC (Br No. 51-0304)
ROUTE 101-PM 17.78
NOTE 4

EXISTING UTILITIY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

CONSTRUCTION DETAILS

NO SCALE

C-1

REVISED BY | DATE REVISED
KELLY L.McKINLEY | KELLY J.McCLAIN
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: KELLY J.McCLAIN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE DESIGN

LAST REVISION | DATE PLOTTED => 04-OCT-2010
10-04-10 | TIME PLOTTED => 07:55

BORDER LAST REVISED 7/2/2010 | USERNAME => s118989 | DGN FILE => 0500000465ga001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 1251 | PROJECT NUMBER & PHASE 05000004651

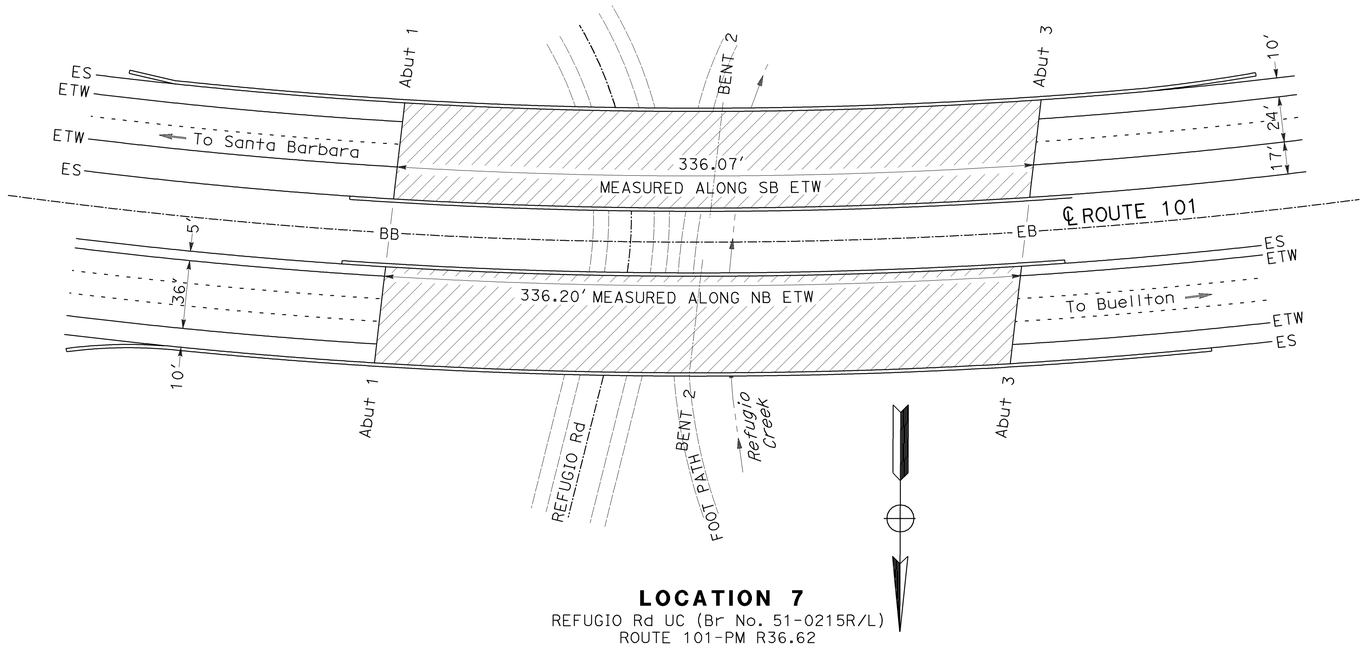
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	1, 101, 135, 154,217,246	Var	3	16

REGISTERED CIVIL ENGINEER — 10-04-10 DATE

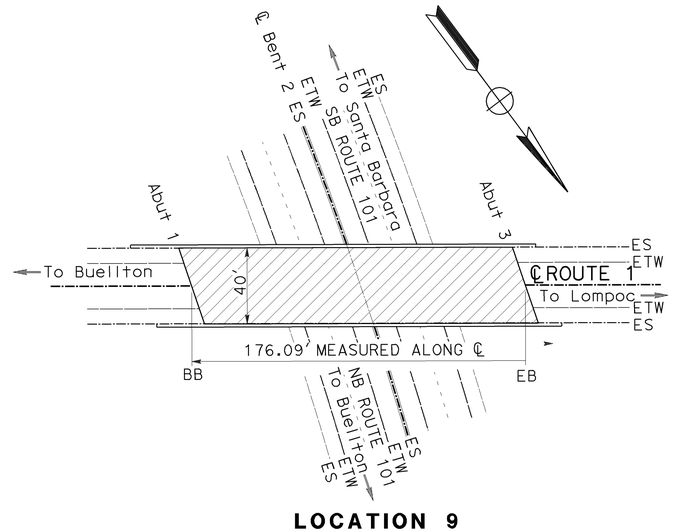
K.L.McKINLEY No. 49413 Exp. 9-30-12 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

10-04-10
PLANS APPROVAL DATE

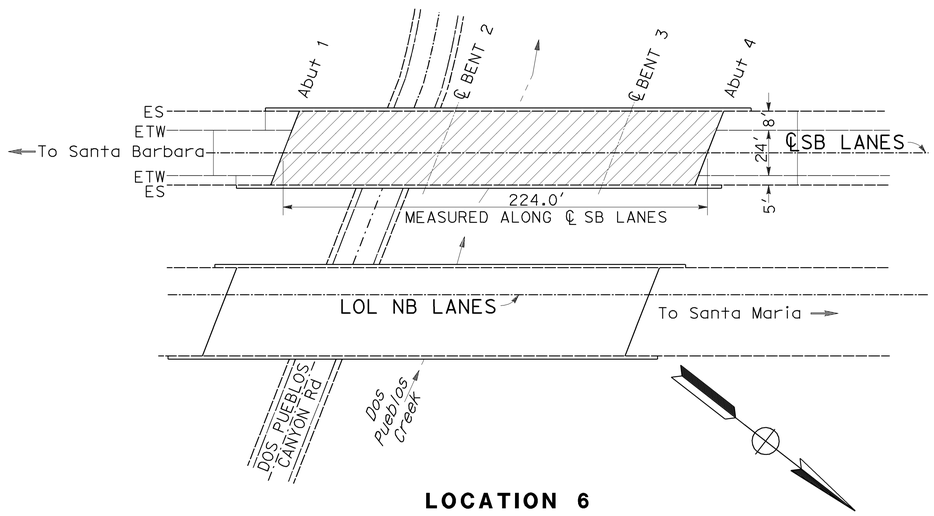
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



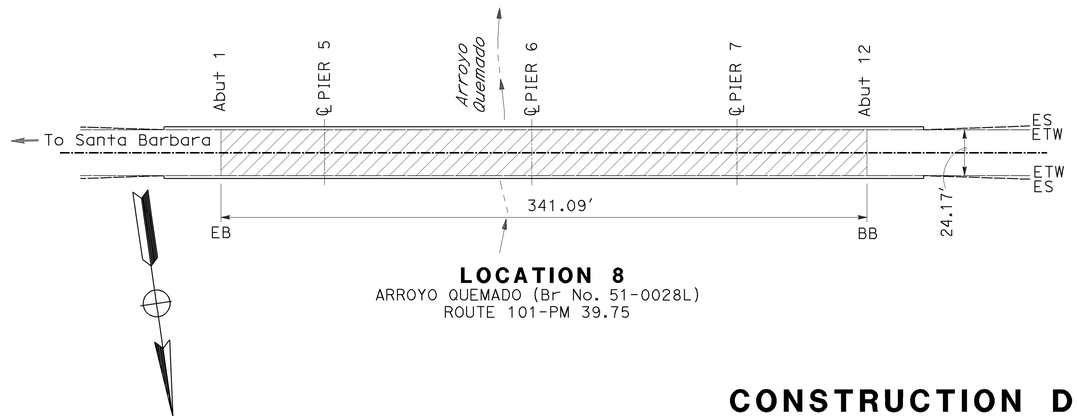
LOCATION 7
REFUGIO Rd UC (Br No. 51-0215R/L)
ROUTE 101-PM R36.62



LOCATION 9
LAS CRUCES Sep (Br No. 51-0239)
ROUTE 1-PM R0.01



LOCATION 6
DOS PUEBLOS CREEK Br & UC (Br No. 51-0033L)
ROUTE 101-PM 30.07



LOCATION 8
ARROYO QUEMADO (Br No. 51-0028L)
ROUTE 101-PM 39.75

EXISTING UTILITIY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

CONSTRUCTION DETAILS

NO SCALE — **C-2**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — MAINTENANCE DESIGN

CALCULATED-DESIGNED BY: KELLY L.McKINLEY
CHECKED BY: KELLY J.McCLAIN
FUNCTIONAL SUPERVISOR: KELLY J.McCLAIN
REVISED BY / DATE REVISED:

LAST REVISION DATE PLOTTED => 04-OCT-2010
TIME PLOTTED => 07:55

BORDER LAST REVISED 7/2/2010 | USERNAME => s118989 | DGN FILE => 0500000465ga002.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 1251 | PROJECT NUMBER & PHASE 05000004651

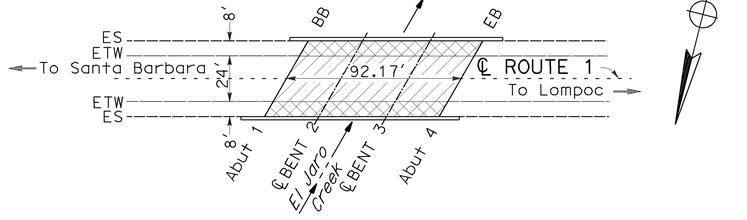
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	I, 101, 135, 154,217,246	Var	4	16

10-04-10
REGISTERED CIVIL ENGINEER DATE

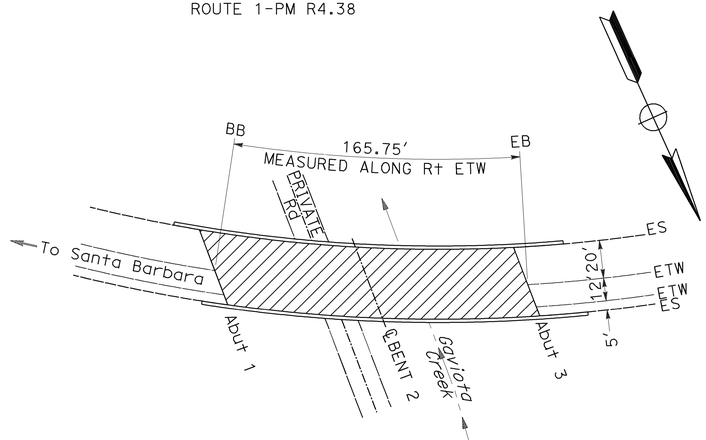
10-04-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
K.L.McKINLEY
No. 49413
Exp. 9-30-12
CIVIL
STATE OF CALIFORNIA

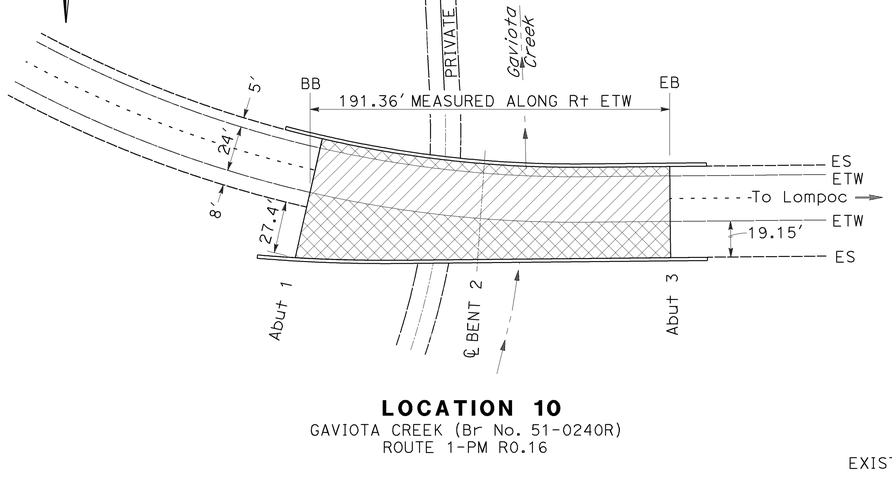
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



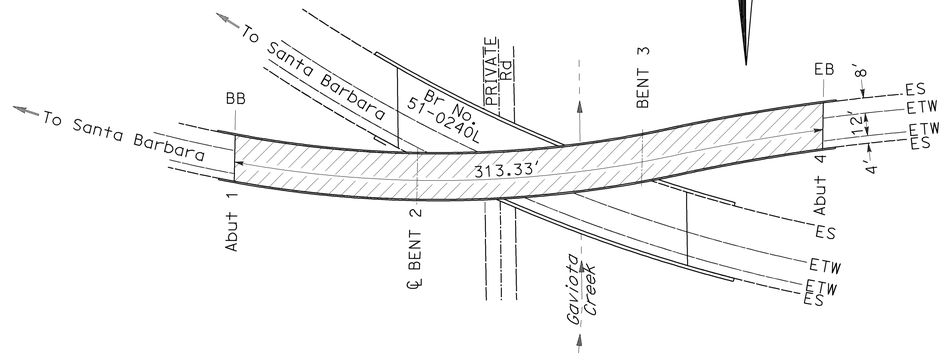
LOCATION 12
EL JARO CREEK (Br No. 51-0150)
ROUTE 1-PM R4.38



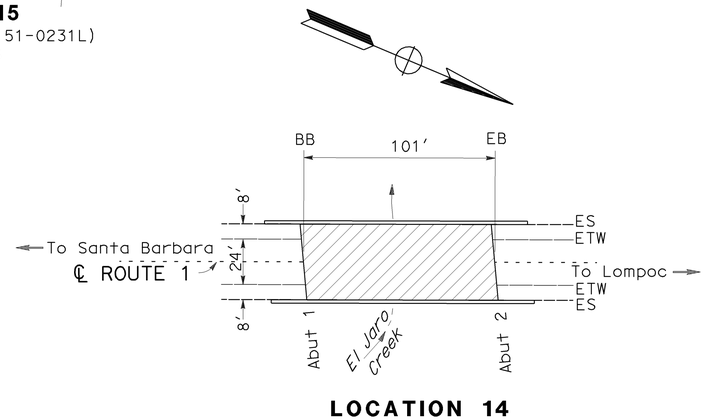
LOCATION 11
S1-S101 CONNECTOR (Br No. 51-0240F)
ROUTE 1-PM R0.16



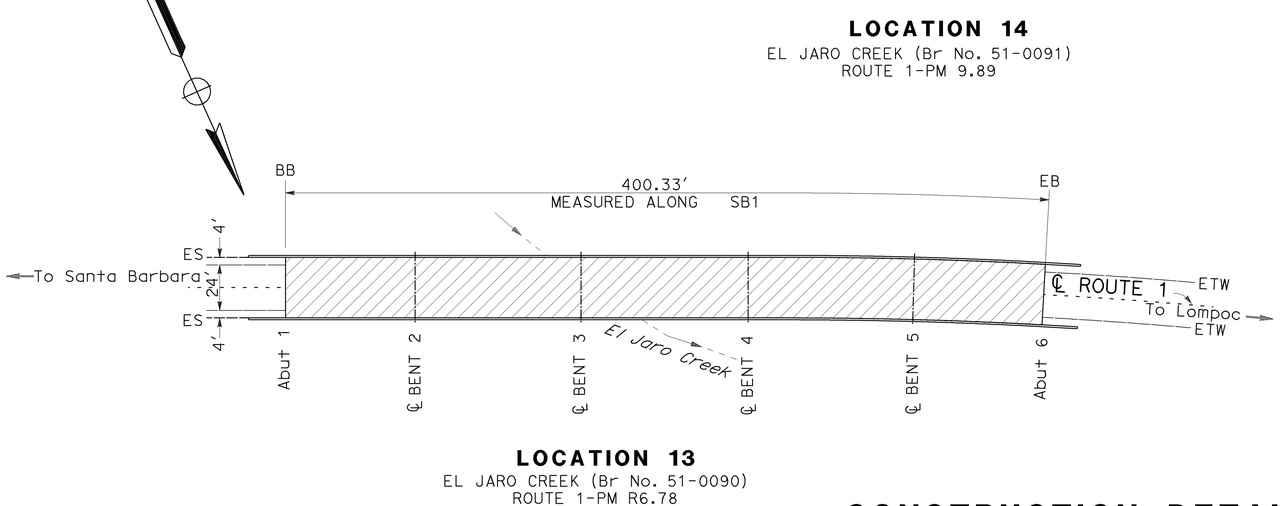
LOCATION 10
GAVIOTA CREEK (Br No. 51-0240R)
ROUTE 1-PM R0.16



LOCATION 15
GAVIOTA CREEK Sep (Br No. 51-0231L)
ROUTE 1-PM R0.16



LOCATION 14
EL JARO CREEK (Br No. 51-0091)
ROUTE 1-PM 9.89



LOCATION 13
EL JARO CREEK (Br No. 51-0090)
ROUTE 1-PM R6.78

EXISTING UTILITIY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

CONSTRUCTION DETAILS
NO SCALE **C-3**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE DESIGN
FUNCTIONAL SUPERVISOR: KELLY J.McCLAIN
CALCULATED-DESIGNED BY: KELLY L.McKINLEY
CHECKED BY:
REVISED BY
DATE REVISED

LAST REVISION DATE PLOTTED => 04-OCT-2010
TIME PLOTTED => 07:55

BORDER LAST REVISED 7/2/2010
USERNAME => s118989
DGN FILE => 0500000465ga003.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 1251
PROJECT NUMBER & PHASE 05000004651

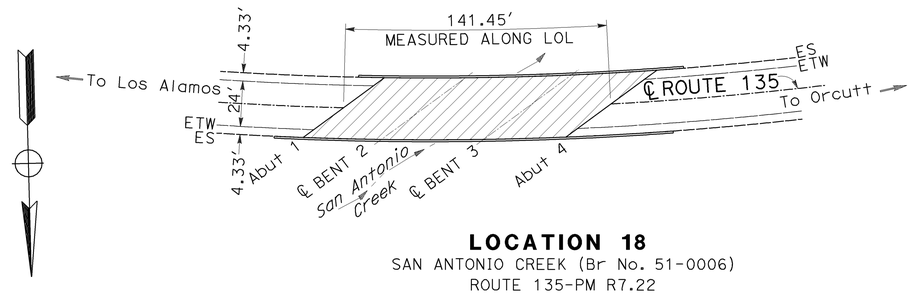
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	1, 101, 135, 154,217,246	Var	5	16

REGISTERED CIVIL ENGINEER — DATE: 10-04-10

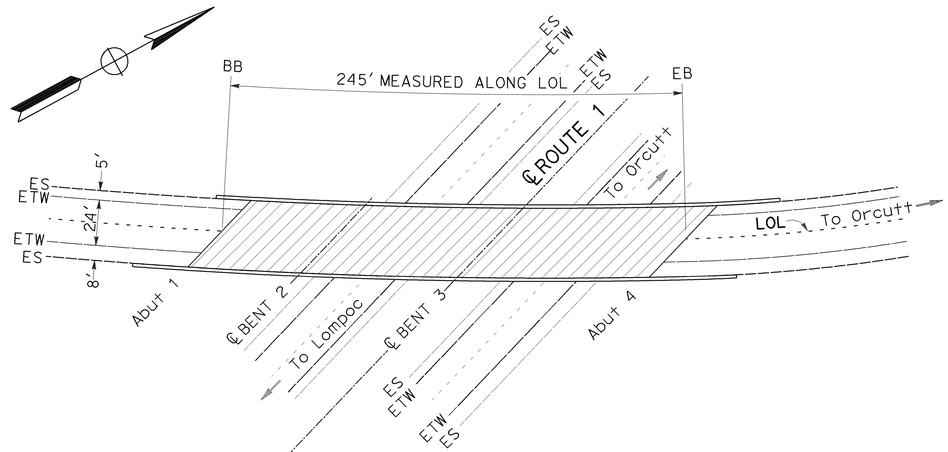
K.L.McKINLEY No. 49413 Exp. 9-30-12 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

PLANS APPROVAL DATE: 10-04-10

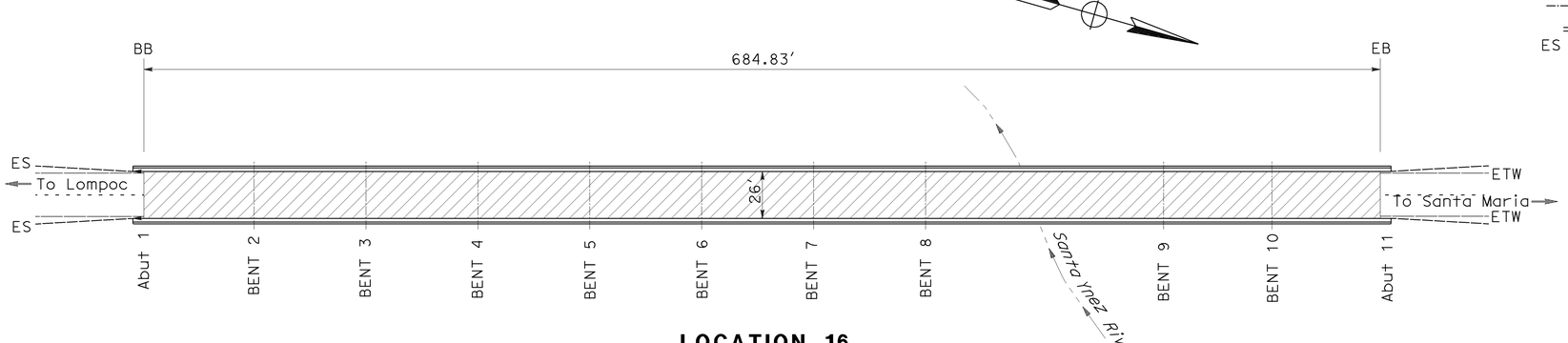
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



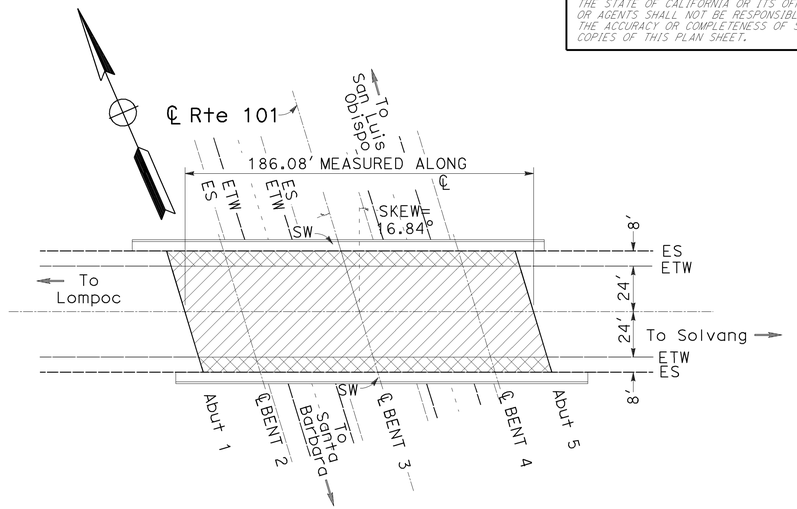
LOCATION 18
SAN ANTONIO CREEK (Br No. 51-0006)
ROUTE 135-PM R7.22
NOTE 4



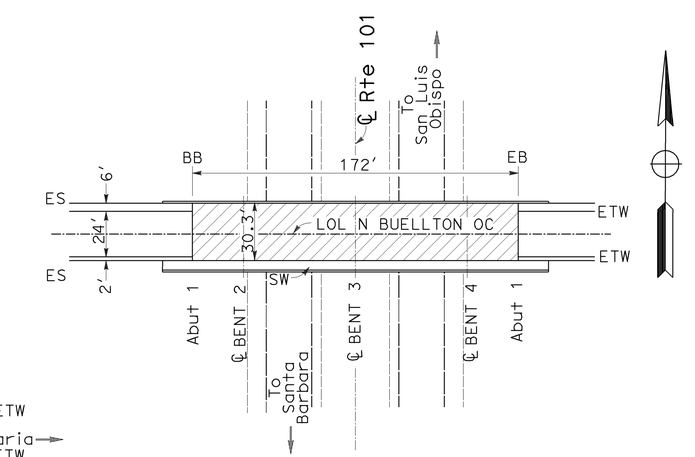
LOCATION 17
VANDENBURG Rd Sep (Br No. 51-0034R)
ROUTE 1-PM M36.19



LOCATION 16
SANTA YNEZ RIVER BRIDGE (Br No. 51-0097R)
ROUTE 1-PM 22.52



LOCATION 20
Rte 246/101 Sep (Br No. 51-0222)
ROUTE 246-PM 26.27
NOTE 4



LOCATION 19
NORTH BUELLTON OC (Br No. 51-0225)
ROUTE 101-PM R57.55
NOTE 4

EXISTING UTILITIY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

CONSTRUCTION DETAILS
NO SCALE — **C-4**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — MAINTENANCE DESIGN

FUNCTIONAL SUPERVISOR: KELLY J.McCLAIN

	REVISED BY	DATE REVISED
CALCULATED-DESIGNED BY	KELLY L.McKINLEY	
CHECKED BY	KELLY J.McCLAIN	

LAST REVISION | DATE PLOTTED => 04-OCT-2010 | TIME PLOTTED => 07:55

BORDER LAST REVISED 7/2/2010 | USERNAME => s118989 | DGN FILE => 0500000465ga004.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 1251 | PROJECT NUMBER & PHASE 05000004651

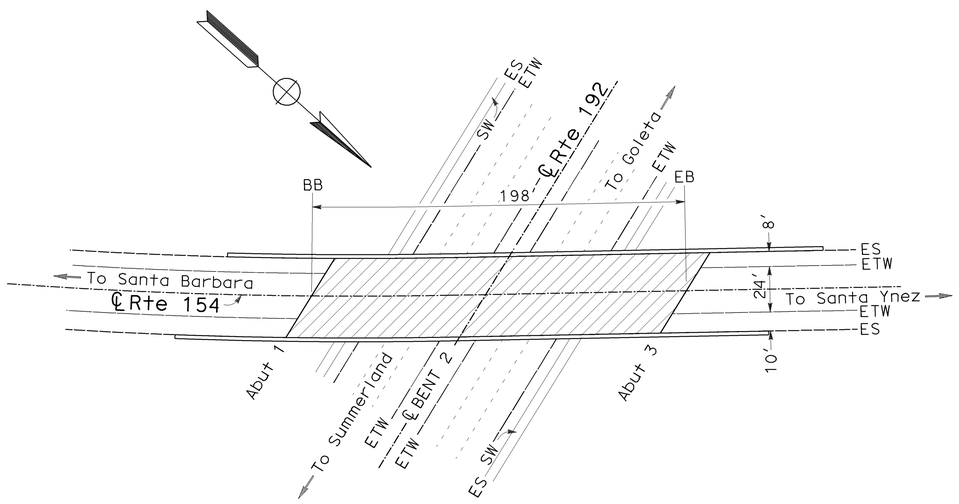
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	I, 101, 135, 154,217,246	Var	6	16

REGISTERED CIVIL ENGINEER — 10-04-10 DATE

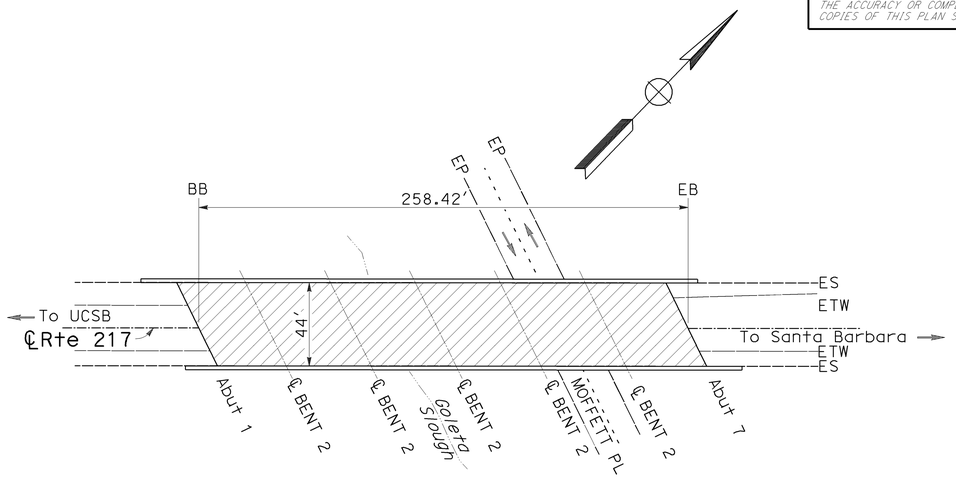
K.L.McKINLEY No. 49413 Exp. 9-30-12 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

10-04-10
PLANS APPROVAL DATE

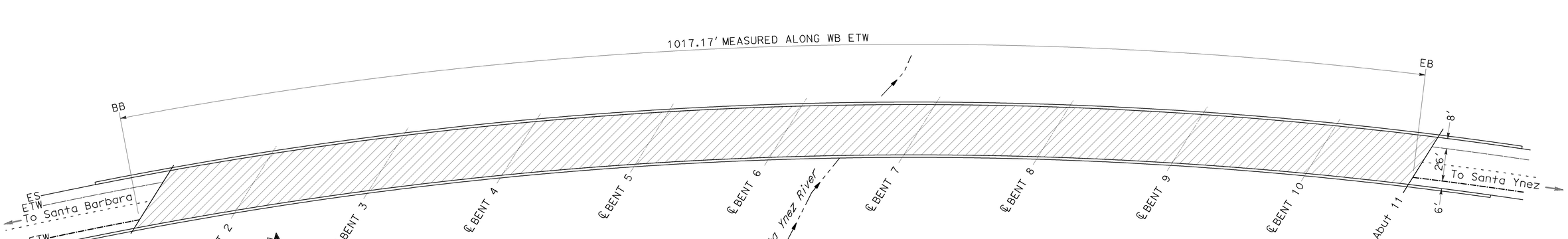
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



LOCATION 22
Rte 154/192 Sep (Br No. 51-0258)
ROUTE 154-PM R31.54



LOCATION 23
GOLETA SLOUGH Br AND UC (Br No. 51-0161)
ROUTE 217-PM 0.72
NOTE 4



LOCATION 21
SANTA YNEZ RIVER (Br No. 51-0079)
ROUTE 154-PM R10.12

EXISTING UTILITIY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

CONSTRUCTION DETAILS
NO SCALE **C-5**

REVISED BY: KELLY L.McKINLEY
DATE REVISED:
CALCULATED-DESIGNED BY: KELLY J.McCLAIN
CHECKED BY:
FUNCTIONAL SUPERVISOR: KELLY J.McCLAIN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE DESIGN

LAST REVISION: DATE PLOTTED => 04-OCT-2010 TIME PLOTTED => 07:55
10-04-10

BORDER LAST REVISED 7/2/2010 | USERNAME => s118989 DGN FILE => 0500000465ga005.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 1251 | PROJECT NUMBER & PHASE 05000004651

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	I, 101, 135, 154, 217, 246	Var	7	16

REGISTERED CIVIL ENGINEER — 10-04-10 DATE

10-04-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — K.L.McKINLEY No. 49413 Exp. 9-30-12 CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

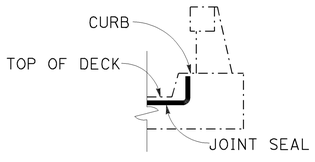
FOR ADDITIONAL DETAILS SEE RSP B6-21

THE FOLLOWING NOTE APPLIES TO JOINT SEAL TYPE A:

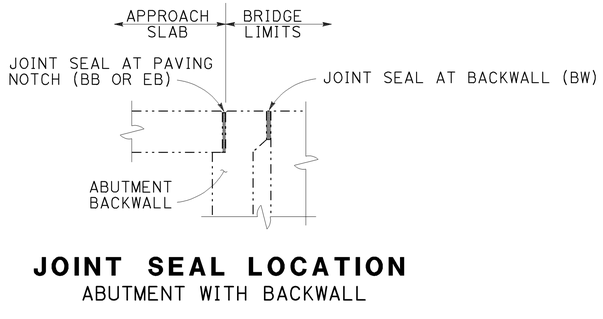
INSTALL TYPE A JOINT SEAL 0.25' UP INTO CURB OR RAIL ON THE LOW SIDE OF THE DECK WHERE JOINT MATCHES CURB OR RAIL JOINT.

THE FOLLOWING NOTE APPLIES TO JOINT SEAL TYPE B:

1. SEAL MUST SATISFY BOTH MINIMUM MOVEMENT RATING (MR) AND MINIMUM W1 REQUIREMENTS.
2. MINIMUM W1 IS THE CALCULATED MAXIMUM WIDTH OF THE JOINT BASED ON FIELD MEASUREMENTS. AFTER THE JOINT HAS BEEN CLEANED, MINIMUM W1 IS TO BE CALCULATED BY THE ENGINEER.
3. W1 SHALL BE THE SMALLER OF THE VALUES DETERMINED AS FOLLOWS:
   A. 0.85 TIMES THE MANUFACTURER'S DESIGNED MINIMUM UNCOMPRESSED WIDTH OF THE SEAL.
   B. THE WIDTH OF THE SEAL ON THE THIRD SUCCESSIVE TEST CYCLE OF THE PRESSURE DEFLECTION TEST, WHEN COMPRESSED TO AN AVERAGE PRESSURE OF 3 PSI.
4. BEND TYPE B JOINT SEAL 0.5' UP INTO CURB OR RAIL ON THE LOW SIDE OF THE DECK WHERE JOINT MATCHES CURB OR RAIL JOINT.



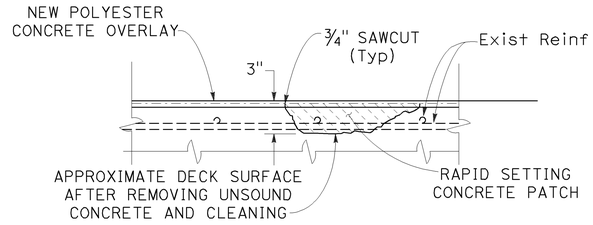
JOINT SEAL AT LOW SIDE OF DECK
CONCRETE RAIL TYPE 80



JOINT SEAL LOCATION
ABUTMENT WITH BACKWALL

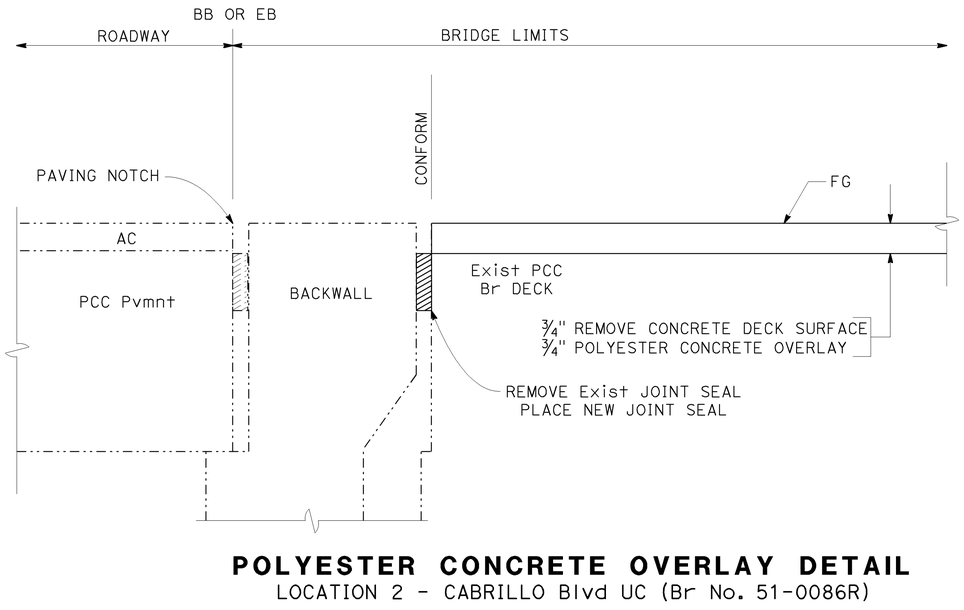
LEGEND:

LIMIT OF DECK REPAIR



DECK REPAIR DETAIL

REINFORCEMENT MAY BE ENCOUNTER DURING DECK CONCRETE REMOVAL
APPROXIMATE AREA OF DECK REPAIR = 1%
APPROXIMATE DEPTH OF DECK REPAIR = 3"
REPAIR LOCATIONS TO BE DETERMINED BY THE ENGINEER



POLYESTER CONCRETE OVERLAY DETAIL
LOCATION 2 - CABRILLO Blvd UC (Br No. 51-0086R)

CONSTRUCTION DETAILS
NO SCALE — **C-6**

REVISED BY	DATE REVISED
KELLY L.McKINLEY	KELLY J.McCLAIN

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR: KELLY J.McCLAIN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE DESIGN

LAST REVISION | DATE PLOTTED => 04-OCT-2010
10-04-10 | TIME PLOTTED => 07:55

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	1, 101, 135, 154, 217, 246	Var	8	16

REGISTERED CIVIL ENGINEER — 10-04-10 DATE

10-04-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — K.L.McKINLEY — No. 49413 — Exp. 9-30-12 — CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

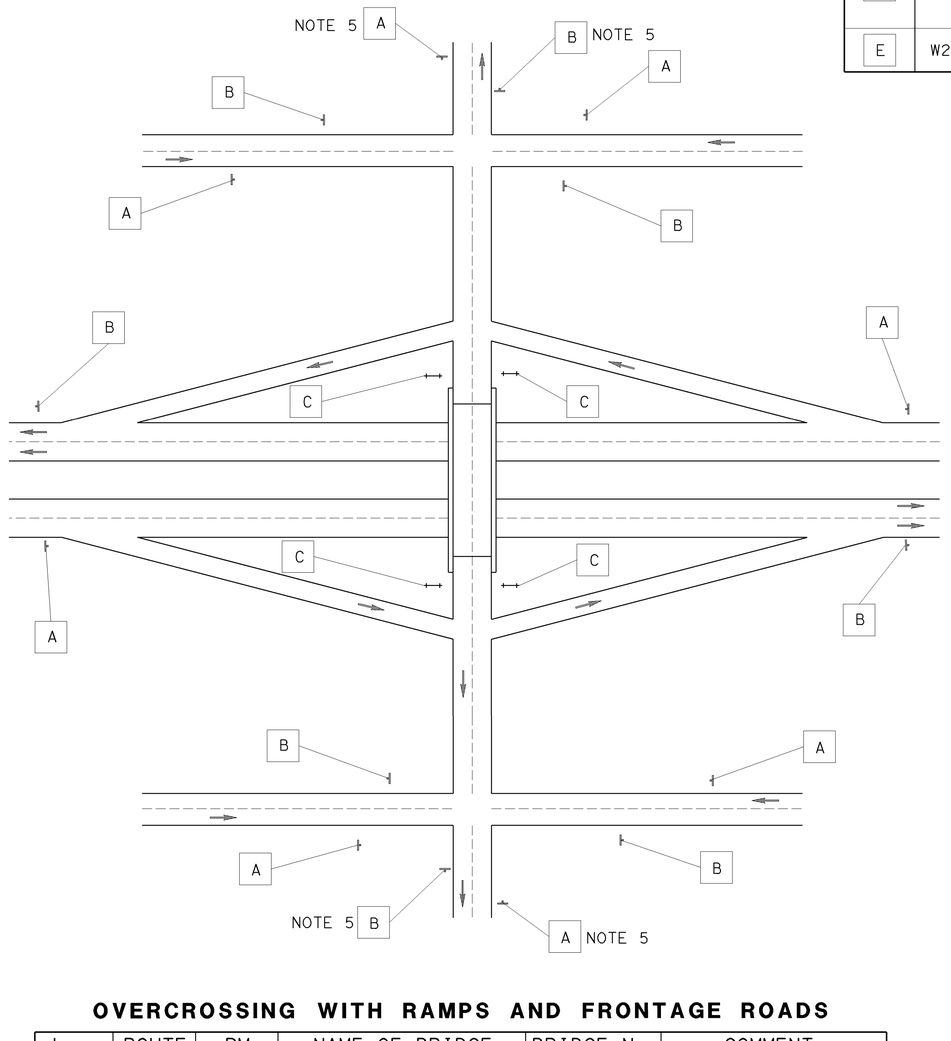
1. EXACT LOCATION OF CONSTRUCTION AREA SIGNS TO BE DETERMINED BY THE ENGINEER.
2. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
3. SPECIAL SIGN "C" TO BE USED WHEN EXISTING STRUCTURE HAS SIDEWALKS.
4. AT LEAST ONE SIDEWALK SHALL REMAIN OPEN FOR PEDESTRIAN ACCESS DURING CONSTRUCTION.
5. ELIMINATE SIGN AT LOCATION 19.

LEGEND:

- CONSTRUCTION AREA SIGN
- DIRECTION OF TRAVEL
- TYPE II BARRICADE

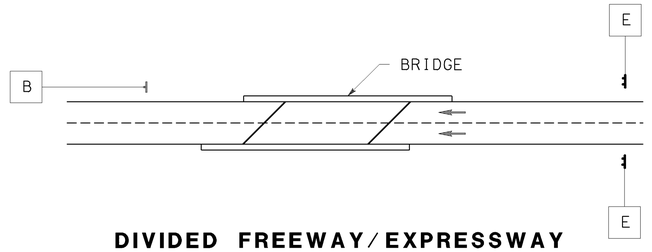
CONSTRUCTION AREA SIGNS

SIGN	CODE	MESSAGE	PANEL SIZE	No. OF SIGNS	No. OF POSTS AND SIZE	REMARKS
A	W20-1	ROAD WORK AHEAD	48" x 48"	44	1 - 4" x 6"	STATIONARY MOUNTED
B	G20-2	END ROAD WORK	48" x 24"	53	1 - 4" x 6"	STATIONARY MOUNTED
C	"C"	SIDEWALK CLOSED PEDESTRIANS PROHIBITED	24" x 24"	14		BARRICADE MOUNTED. TO BE USED ONLY WHEN WORK IS IN PROGRESS AND WITHIN 6 Ft OF SW
D	W20-1	PED BRIDGE WILL BE CLOSED FROM: TO:	24" x 24"	2	1 - 4" x 4"	ADVANCED NOTICE. MAY MOUNT TO SAME POST USED FOR W20-1 SIGN PANEL
E	W20-1	ROAD WORK AHEAD	60" x 60"	18	2 - 4" x 4"	STATIONARY MOUNTED



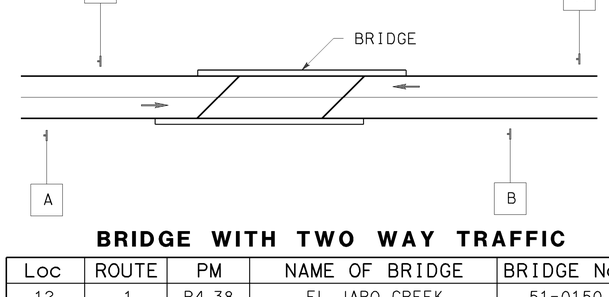
OVERCROSSING WITH RAMPS AND FRONTAGE ROADS

Loc	ROUTE	PM	NAME OF BRIDGE	BRIDGE No.	COMMENT
19	101	30.07	NORTH BUELLTON OC	51-0225	NOTES 3, 4
20	101	R17.86	ROUTE 246/101 Sep	51-0222	NOTES 3, 4, 5



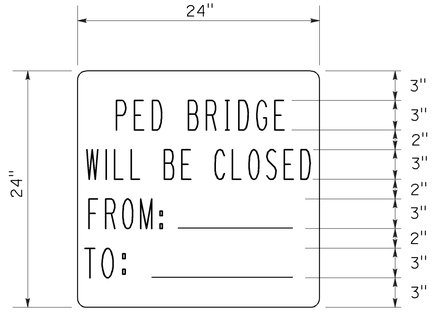
DIVIDED FREEWAY/EXPRESSWAY

Loc	ROUTE	PM	NAME OF BRIDGE	BRIDGE No.
1	101	R8.26	EVANS Ave UC	51-0226R
2	101	11.43	CABRILLO Blvd UC	51-0086R
3	101	13.93	MISSION CREEK	51-0298R/L
6	101	30.07	DOS PUEBLOS CREEK Br & UC	51-0033L
7	101	R36.62	REFUGIO Rd UC	51-0215R/L
8	101	R39.75	ARROYO QUEMADO	51-0028L
16	1	22.52	SANTA YNEZ RIVER	51-0097R
17	1	M36.19	VANDENBURG Rd Sep	51-0034R



BRIDGE WITH TWO WAY TRAFFIC

Loc	ROUTE	PM	NAME OF BRIDGE	BRIDGE No.
12	1	R4.38	EL JARO CREEK	51-0150
13	1	R6.78	EL JARO CREEK	51-0090
14	1	11.40	EL JARO CREEK	51-0091
18	135	7.22	SAN ANTONIO CREEK	51-0006
21	154	R10.12	SANTA YNEZ RIVER	51-0079
22	154	R31.54	ROUTE 154/192 Sep	51-0258



BLACK LETTERS ON WHITE BACKGROUND

SPECIAL SIGN "D"

BLACK LETTERS ON WHITE BACKGROUND
MOUNT PANEL ON TYPE II BARRICADE

SPECIAL SIGN "C"

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.

CONSTRUCTION AREA SIGNS

NO SCALE **CS-1**

REVISED BY	DATE REVISED
KELLY L.McKINLEY	KELLY J.McCLAIN

CALCULATED-DESIGNED BY
CHECKED BY
FUNCTIONAL SUPERVISOR: KELLY J.McCLAIN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE DESIGN

LAST REVISION | DATE PLOTTED => 04-OCT-2010 | TIME PLOTTED => 10:28

BORDER LAST REVISED 7/2/2010 | USERNAME => s118989 | DGN FILE => 05000004651a001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 1251 | PROJECT NUMBER & PHASE 05000004651

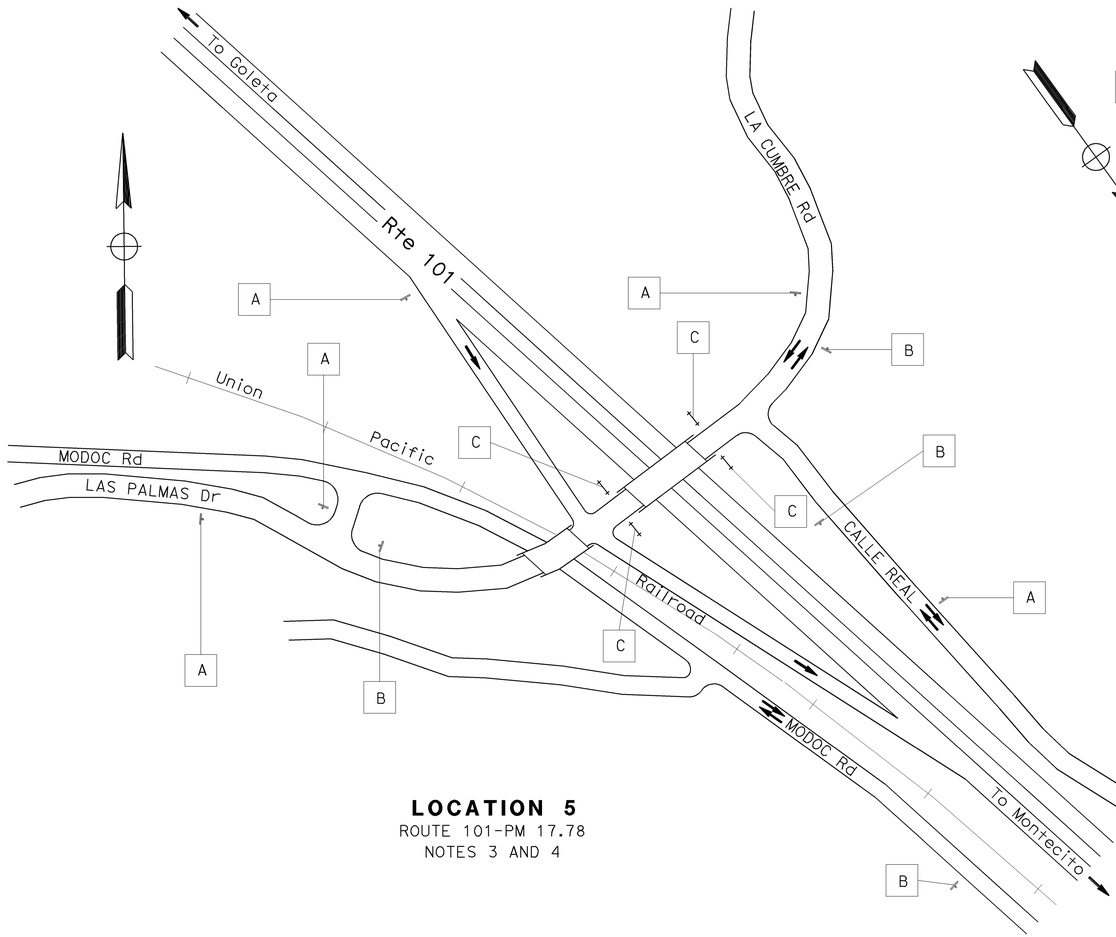
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	1, 101, 135, 154, 217, 246	Var	9	16

REGISTERED CIVIL ENGINEER — DATE: 10-04-10

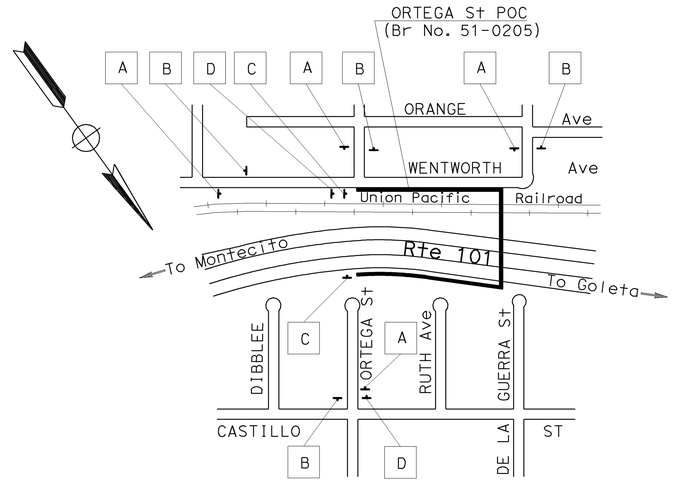
REGISTERED PROFESSIONAL ENGINEER — K.L.McKINLEY No. 49413 Exp. 9-30-12 CIVIL — STATE OF CALIFORNIA

PLANS APPROVAL DATE: 10-04-10

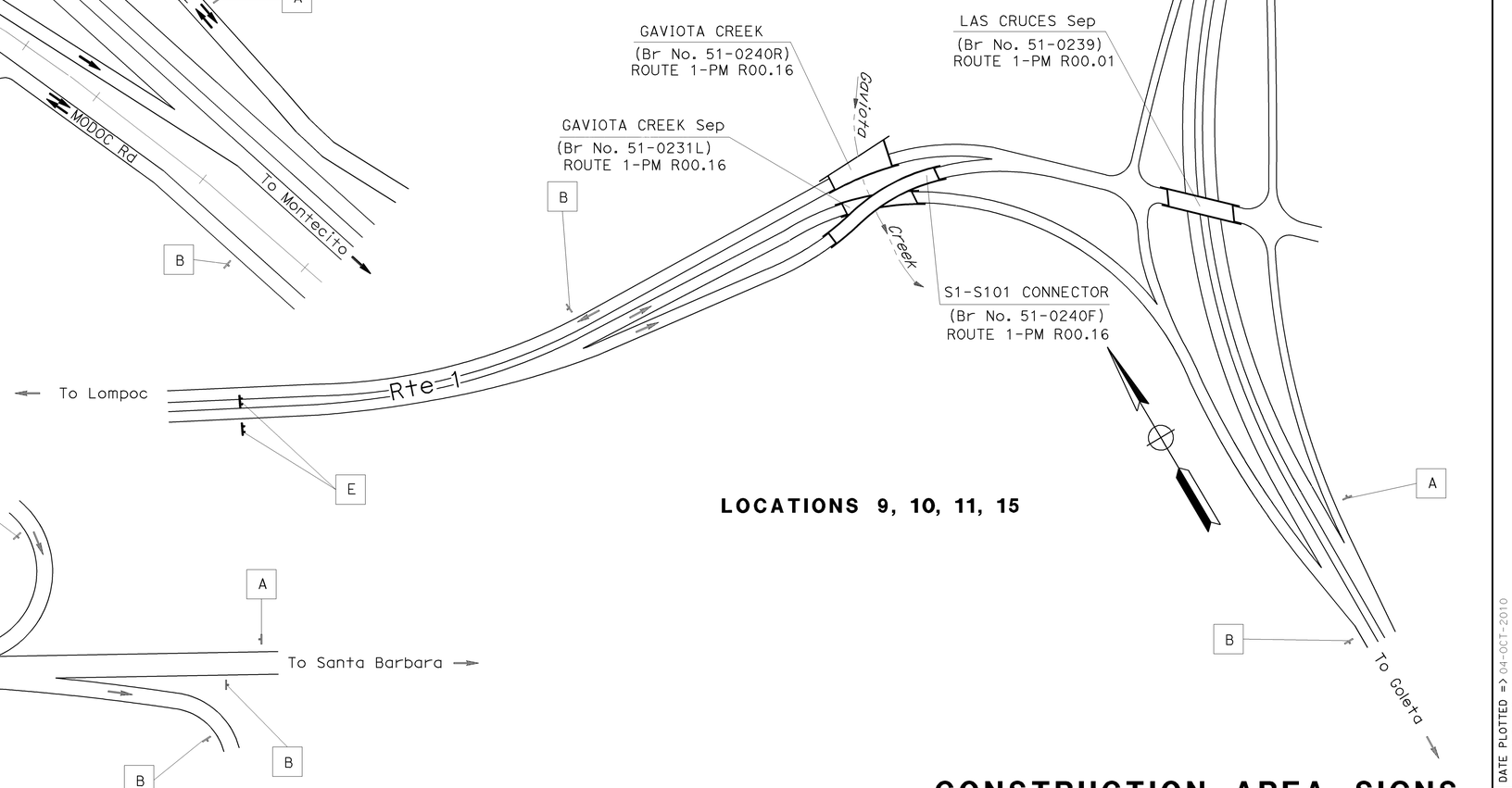
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



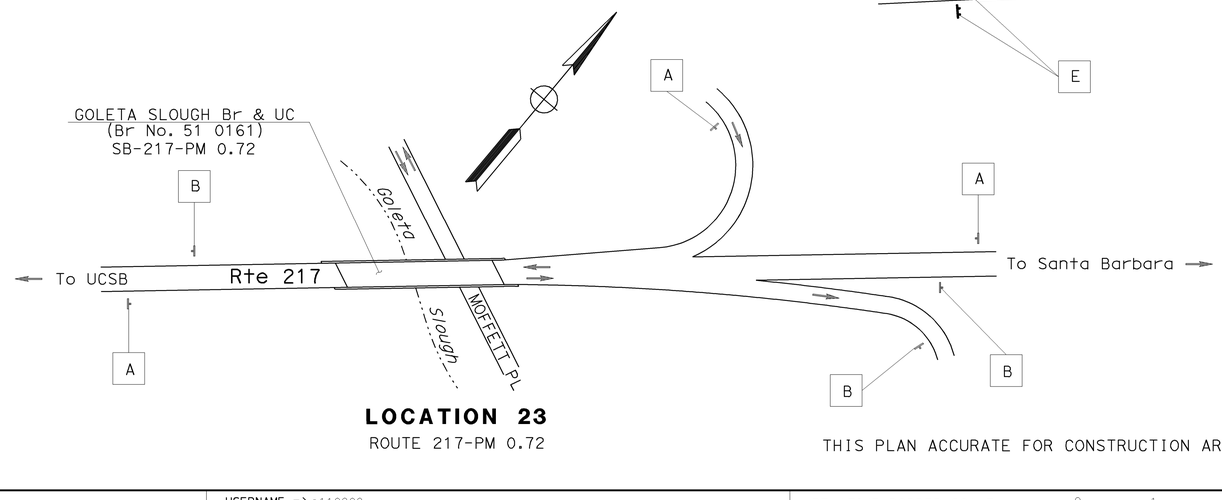
LOCATION 5
ROUTE 101-PM 17.78
NOTES 3 AND 4



LOCATION 4
ROUTE 101-PM 14.51



LOCATIONS 9, 10, 11, 15



LOCATION 23
ROUTE 217-PM 0.72

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.

CONSTRUCTION AREA SIGNS

NO SCALE

CS-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
MAINTENANCE DESIGN

CALCULATED-DESIGNED BY: KELLY L.McKINLEY
CHECKED BY: KELLY J.McCLAIN
FUNCTIONAL SUPERVISOR: KELLY J.McCLAIN
REVISED BY / DATE REVISED:

LAST REVISION | DATE PLOTTED => 04-OCT-2010 | TIME PLOTTED => 07:55

BORDER LAST REVISED 7/2/2010

USERNAME => s118989
DGN FILE => 05000004651a002.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 1251

PROJECT NUMBER & PHASE 05000004651

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	I, 101, 135, 154,217,246	Var	10	16

REGISTERED CIVIL ENGINEER — 10-04-10 DATE

10-04-10
PLANS APPROVAL DATE

K.L.McKINLEY No. 49413 Exp. 9-30-12 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REMOVE PAVEMENT DELINEATION

Loc	Co ROUTE PM	NAME OF BRIDGE	BRIDGE No.	REMOVE THERMOPLASTIC TRAFFIC STRIPE			REMOVE PAVEMENT MARKERS (N)	REMOVE THERMOPLASTIC PAVEMENT MARKING
				YELLOW	WHITE	BLACK (N)		
				LF	LF	LF	EA	SQFT
(1)	SB-101-8.26	EVANS Ave UC	51-0226R	230	288	115	19	
(2)	SB-101-11.43	CABRILLO Blvd UC	51-0086R	220	496		34	
(3)	SB-101-13.93	MISSION CREEK	51-0298R/L	88	132		26	
(5)	SB-101-17.78	LA CUMBRE Rd OC	51-0304	387	1130	194	37	60
(6)	SB-101-30.07	DOS PUEBLOS CREEK Br & UC	51-0033L	448	504		34	
(7)	SB-101-R36.62	REFUGIO Rd UC	51-0215R/L	1008	3402		131	
(8)	SB-101-39.75	ARROYO QUEMADO	51-0028L	341	682		52	
(9)	SB-1-R0.01	LAS CRUCES Sep	51-0239	352	352	176	16	
(10)	SB-1-R0.16	GAVIOTA CREEK	51-0240R	431	191		30	
(11)	SB-1-R0.16	S1-S101 CONNECTOR	51-0240F	663	4952		29	
(12)	SB-1-R4.38	EL JARO CREEK	51-0150	46	369		3	
(13)	SB-1-R6.78	EL JARO CREEK	51-0090	1001	1601	400	26	
(14)	SB-1-11.40	EL JARO CREEK	51-0091	51	404		3	
(15)	SB-1-R0.16	GAVIOTA CREEK Sep	51-0231L	313	627		14	
(16)	SB-1-22.52	SANTA YNEZ RIVER	51-0097R	685	685		131	
(17)	SB-1-M36.19	VANDENBURG Rd Sep	51-0034R	245	551		38	
(18)	SB-135-R7.22	SAN ANTONIO CREEK	51-0006	566	566	142	13	
(19)	SB-101-R57.55	NORTH BUELLTON OC	51-0225	344		172		
(20)	SB-246-26.77	ROUTE 246/101 Sep	51-0222	372	524	186	76	30
(21)	SB-154-R10.12	SANTA YNEZ RIVER	51-0079	2034	4069	1017	86	
(22)	SB-154-R31.54	ROUTE 154/192 Sep	51-0258	396	2496	198	18	
(23)	SB-217-0.72	GOLETA SLOUGH	51-0161	517	517		23	
SUBTOTAL				10,738	24,538			
TOTAL				35,276				90

(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY

PAVEMENT DELINEATION QUANTITIES
PDQ-1

REVISED BY | DATE REVISED

KELLY L.McKINLEY | KELLY J.McCLAIN

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR: KELLY J.McCLAIN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE DESIGN

LAST REVISION | DATE PLOTTED => 04-OCT-2010 | TIME PLOTTED => 07:55
10-04-10

BORDER LAST REVISED 7/2/2010

USERNAME => s118989
DGN FILE => 0500000465nc001.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 1251

PROJECT NUMBER & PHASE 05000004651

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	I, 101, 135, 154, 217, 246	Var	11	16

REGISTERED CIVIL ENGINEER — 10-04-10 DATE

10-04-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — K.L.McKINLEY No. 49413 Exp. 9-30-12 CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

PAVEMENT DELINEATION

Loc	Co ROUTE PM	NAME OF BRIDGE	BRIDGE No.	THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)										TRAFFIC STRIPE (MARKERS ONLY) (N)		PAVEMENT MARKER				THERMOPLASTIC PAVEMENT MARKING
				YELLOW					WHITE							(NON-REFLECTIVE)	(RETROREFLECTIVE)			
				DETAIL										DETAIL		DETAILS 10,13	DETAILS 6,10,12,13,22,25A			TYPE IV (L) ARROW
				6	19	21	22	25A	11	12	27B	38	38A	10	13	TYPE A	TYPE D	TYPE G	TYPE H	
				LF										LF		EA		EA		SQFT
①	SB-101-8.26	EVANS Ave UC	51-0226R					115	115		115				115	10		3	6	
②	SB-101-11.43	CABRILLO Blvd UC	51-0086R					220	220		220				220	18		6	10	
③	SB-101-13.93	MISSION CREEK	51-0298R/L					88	176		88				176	14		6	6	
⑤	SB-101-17.78	LA CUMBRE RD OC	51-0304				387			60	194	534					18	23		60
⑥	SB-101-30.07	DOS PUEBLOS CREEK	51-0033L					224	224		224				224	19		6	10	
⑦	SB-101-R36.62	REFUGIO RD UC	51-0215R/L					1008	1008		672		1974		1008	84		23	30	
⑧	SB-101-39.75	ARROYO QUEMADO	51-0028L					341			682				341	28		8	15	
⑨	SB-1-R0.01	LAS CRUCES Sep	51-0239				352				352						16			
⑩	SB-1-R0.16	GAVIOTA CREEK	51-0240R					191	191		191				191	16		5	9	
⑪	SB-1-R0.16	S1-S101 CONNECTOR	51-0240F					166			166		1386						8	
⑫	SB-1-R4.38	EL JARO CREEK	51-0150	92							184						3			
⑬	SB-1-R6.78	EL JARO CREEK	51-0090		801						801						9		18	
⑭	SB-1-11.40	EL JARO CREEK	51-0091	101							202						3			
⑮	SB-1-R0.16	GAVIOTA CREEK Sep	51-0231L					313			313								14	
⑯	SB-1-22.52	SANTA YNEZ RIVER	51-0097R					685			685			685		86		15	30	
⑰	SB-1-M36.19	VANDENBURG RD Sep	51-0034R					245	245		245					20		6	11	
⑱	SB-135-R7.22	SAN ANTONIO CREEK	51-0006				283				283						14			
⑲	SB-101-R57.55	NORTH BUELLTON OC	51-0225			344														
⑳	SB-246-26.77	ROUTE 246/101 Sep	51-0222				372				186	152		186		23	18	9		30
㉑	SB-154-R10.12	SANTA YNEZ RIVER	51-0079				2034				2034						88			
㉒	SB-154-R31.54	ROUTE 154/192 Sep	51-0258		396						396		912				20		9	
㉓	SB-217-0.72	GOLETA SLOUGH	51-0161				517				517						24			
SUBTOTAL				193	1197	344	3945	3596	1981	60	8750	686	4272			318	213	111	176	90
TOTAL				25,024												318	509			90

(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY

PAVEMENT DELINEATION QUANTITIES
PDQ-2

REVISED BY	DATE REVISED
KELLY L.McKINLEY	KELLY J.McCLAIN

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR: KELLY J.McCLAIN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE DESIGN

LAST REVISION 10-04-10
DATE PLOTTED => 04-OCT-2010
TIME PLOTTED => 07:55

BORDER LAST REVISED 7/2/2010 | USERNAME => s118989 | DGN FILE => 0500000465nc002.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 1251 | PROJECT NUMBER & PHASE 05000004651

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	I, 101, 135, 154,217,246	Var	12	16

REGISTERED CIVIL ENGINEER — 10-04-10 DATE

10-04-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — K.L.McKINLEY No. 49413 Exp. 9-30-12 CIVIL — STATE OF CALIFORNIA

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CLEAN AND TREAT BRIDGE DECK

Loc	Co ROUTE PM	NAME OF BRIDGE	BRIDGE No.	DECK WIDTH (N)	DECK LENGTH (N)	REMOVE UNSOUND CONCRETE	RAPID SETTING CONCRETE (PATCH)	CLEAN BRIDGE DECK	FURNISH BRIDGE DECK TREATMENT MATERIAL (LOW ODOR)	TREAT BRIDGE DECK
				LF	LF	CF	CF	SQFT	GAL	SQFT
(1)	SB-101-8.26	EVANS Ave UC	51-0226R	37.0	115.0	10.6	10.6	4255.0	56.7	4255.0
(3)	SB-101-13.93	MISSION CREEK	51-0298R	58.8*	44.4	6.5	6.5	2613.7	34.8	2613.7
(3)	SB-101-13.93	MISSION CREEK	51-0298L	54.0	44.4	6.0	6.0	2399.8	32.0	2399.8
(4)	SB-101-14.51	ORTEGA St POC	51-0325	12.0	1200.2	36.0	36.0	14,402.3	192.0	14,402.3
(5)	SB-101-17.78	LA CUMBRE Rd OC	51-0304	76.0	193.6	36.8	36.8	14,712.1	196.2	14,712.1
(6)	SB-101-30.07	DOS PUEBLOS Cr Br & UC	51-0033L	37.0	224.0	20.7	20.7	8288.0	110.5	8288.0
(7)	SB-101-R36.62	REFUGIO Rd UC	51-0215R	51.0	336.2	42.9	42.9	17,146.2	228.6	17,146.2
(7)	SB-101-R36.62	REFUGIO Rd UC	51-0215L	51.0	336.1	42.8	42.8	17,139.6	228.5	17,139.6
(8)	SB-101-39.75	ARROYO QUEMADO	51-0028L	24.2	341.1	20.6	20.6	8244.1	109.9	8244.1
(9)	SB-1-R0.01	LAS CRUCES Sep	51-0239	40.0	176.1	17.6	17.6	7043.6	93.9	7043.6
(10)	SB-1-R0.16	GAVIOTA CREEK	51-0240R	60.3*	191.4	28.8	28.8	11,534.2	153.8	11,534.2
(11)	SB-1-R0.16	S1-S101 CONNECTOR	51-0240F	37.0	165.8	15.3	15.3	6132.8	81.8	6132.8
(12)	SB-1-R4.38	EL JARO CREEK	51-0150	40.0	92.2	9.2	9.2	3686.8	49.2	3686.8
(13)	SB-1-R6.78	EL JARO CREEK	51-0090	32.0	400.3	32.0	32.0	12,810.6	170.8	12,810.6
(14)	SB-1-11.40	EL JARO CREEK	51-0091	40.0	101.0	10.1	10.1	4040.0	53.9	4040.0
(15)	SB-1-R0.16	GAVIOTA CREEK Sep	51-0231L	24.0	313.3	18.8	18.8	7519.9	100.3	7519.9
(16)	SB-1-22.52	SANTA YNEZ RIVER	51-0097R	26.0	684.8	44.5	44.5	17,805.6	237.4	17,805.6
(17)	SB-1-M36.19	VANDENBURG Rd Sep	51-0034R	37.0	245.0	22.7	22.7	9065.0	120.9	9065.0
(18)	SB-135-R7.22	SAN ANTONIO CREEK	51-0006	32.7	141.5	11.5	11.5	4619.8	61.6	4619.8
(19)	SB-101-R57.55	NORTH BUELLTON OC	51-0225	32.0	172.0	13.8	13.8	5504.0	73.4	5504.0
(20)	SB-246-26.77	ROUTE 246/101 Sep	51-0222	64.0	186.1	29.8	29.8	11,909.1	158.8	11,909.1
(21)	SB-154-R10.12	SANTA YNEZ RIVER	51-0079	40.0	1017.2	101.7	101.7	40,686.8	542.5	40,686.8
(22)	SB-154-R31.54	ROUTE 154/192 Sep	51-0258	42.0	198.0	20.8	20.8	8316.0	110.9	8316.0
(23)	SB-217-0.72	GOLETA SLOUGH	51-0161	44.0	258.4	28.4	28.4	11,370.5	151.6	11,370.5
TOTAL						627.9	627.9	251,245.5	3435.6	251,245.5

(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY
* - VARIES. AVERAGE WIDTH

JOINT SEAL

Loc	Co ROUTE PM	NAME OF BRIDGE	BRIDGE No.	CLEAN EXPANSION JOINT	JOINT SEAL (MR 1")
				LF	LF
(2)	SB-101-11.43	CASTILLO Blvd UC	51-0086R	84	84

REMOVE CONTRAST TREATMENT

Loc	Co ROUTE PM	NAME OF BRIDGE	BRIDGE No.	SHOULDER WIDTH (N)		DECK LENGTH (N)	REMOVE CONTRAST TREATMENT
				LEFT	RIGHT		
				LF		LF	SQFT
(1)	SB-101-8.26	EVANS Ave OC	51-0226R	5.0	8.0	115.0	805.0
(10)	SB-1-R0.16	GAVIOTA CREEK	51-0240R	5.0	23.3*	191.4	1913.6
(20)	SB-246-26.77	Rte 246/101 Sep	51-0222	8.0	8.0	186.1	2605.1
TOTAL							5323.7

(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY * - VARIES. AVERAGE WIDTH

POLYESTER CONCRETE OVERLAY

Loc	Co ROUTE PM	NAME OF BRIDGE	BRIDGE No.	REMOVE CONCRETE DECK SURFACE	PREPARE CONCRETE BRIDGE DECK SURFACE	FURNISH POLYESTER CONCRETE OVERLAY	PLACE POLYESTER CONCRETE OVERLAY
				SQFT	SQFT	CF	SQFT
(2)	SB-101-11.43	CASTILLO Blvd UC	51-0086R	6418.2	6418.2	401	6418.2
TOTAL				6418.2	6418.2	401	6418.2

SUMMARY OF QUANTITIES
Q-1

REVISED BY | DATE REVISED
KELLY L.McKINLEY | KELLY J.McCLAIN
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: KELLY J.McCLAIN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE DESIGN

LAST REVISION | DATE PLOTTED => 04-OCT-2010 | TIME PLOTTED => 10:28
10-04-10

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	1, 101, 135, 154, 217, 246	Var	13	16

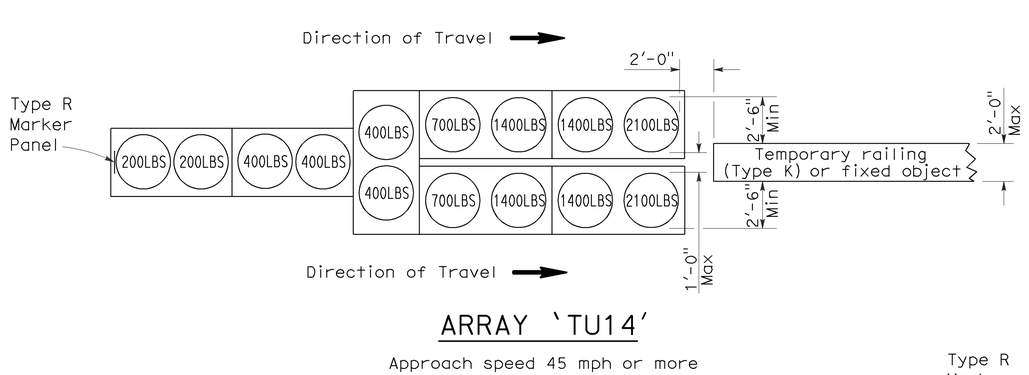
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — Randell D. Hiatt — No. C50200 — Exp. 6-30-09 — CIVIL — STATE OF CALIFORNIA

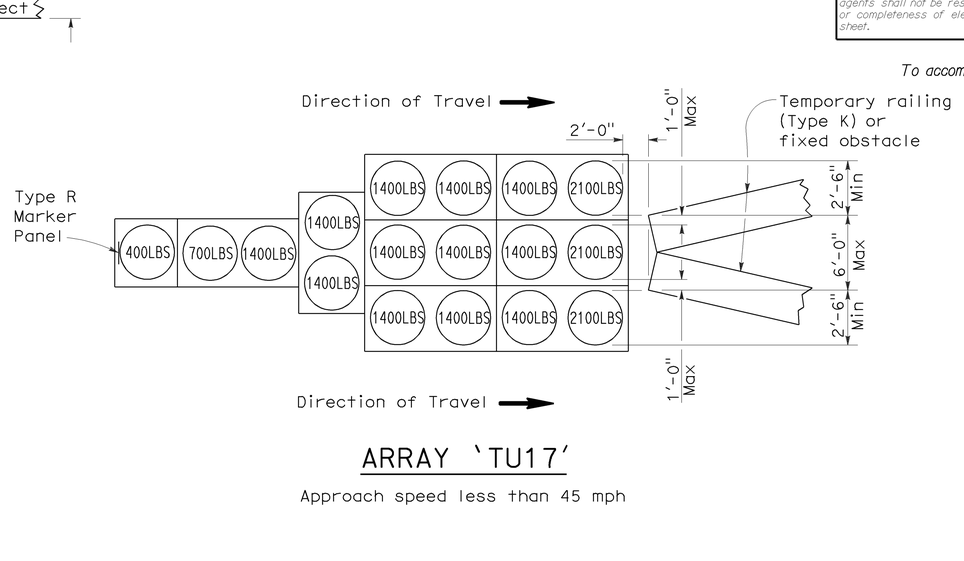
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 10-04-10



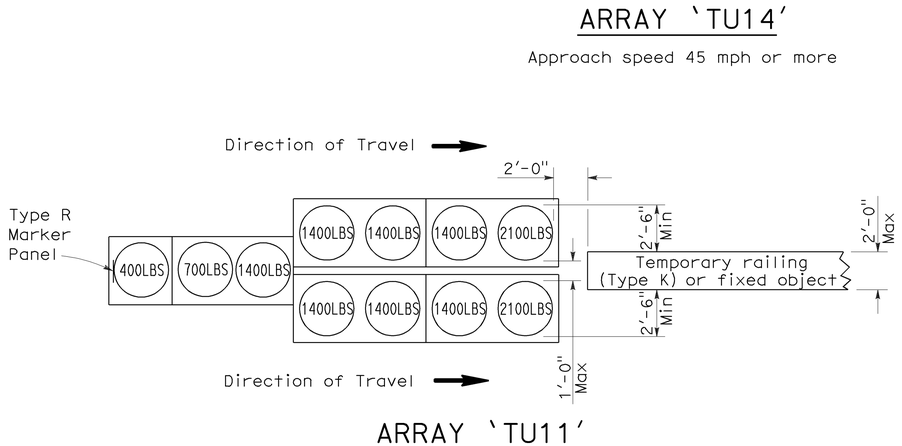
ARRAY 'TU14'

Approach speed 45 mph or more



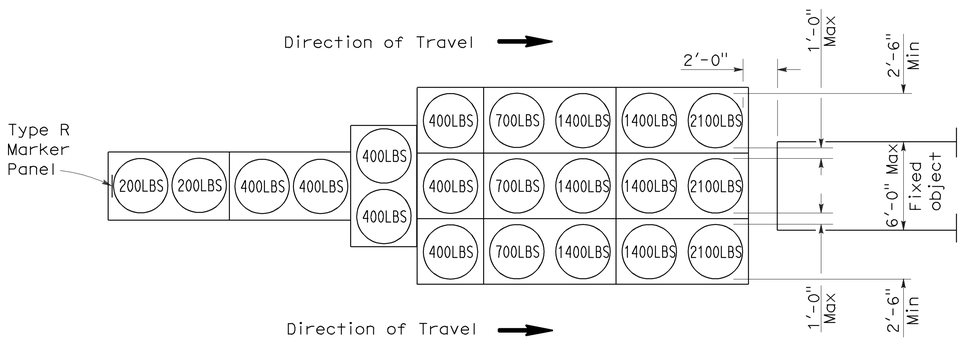
ARRAY 'TU17'

Approach speed less than 45 mph



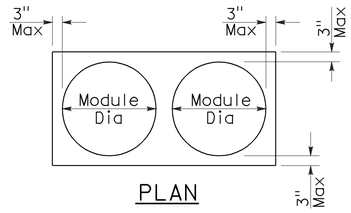
ARRAY 'TU11'

Approach speed less than 45 mph

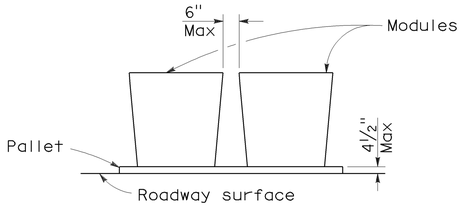


ARRAY 'TU21'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the top of Type R marker panel 1" below the module lid.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY CRASH CUSHION, SAND FILLED (UNIDIRECTIONAL)

NO SCALE

RSP T1A DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1A
DATED MAY 1, 2006 - PAGE 211 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1A

2006 REVISED STANDARD PLAN RSP T1A

5-15-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	1, 101, 135, 154, 217, 246	Var	14	16

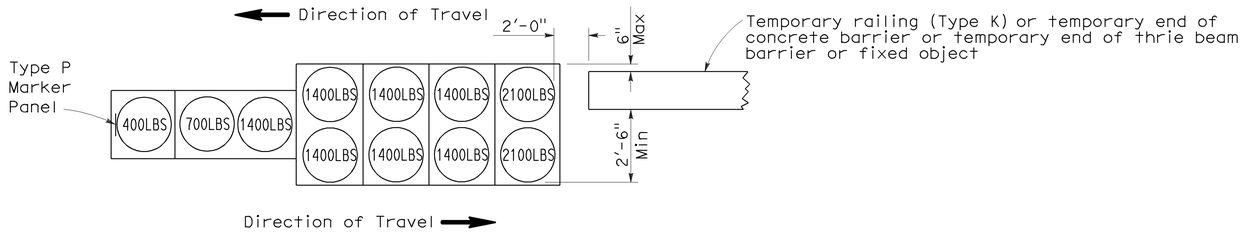
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

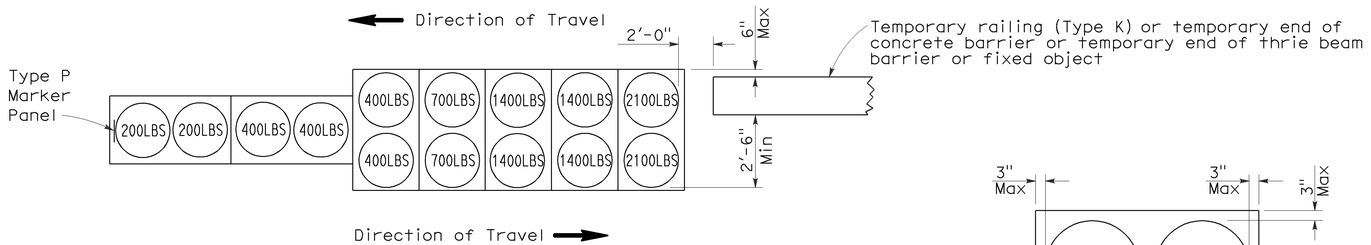
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 10-04-10



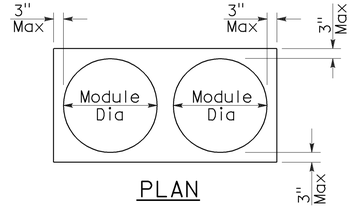
ARRAY 'TB11'

Approach speed less than 45 mph

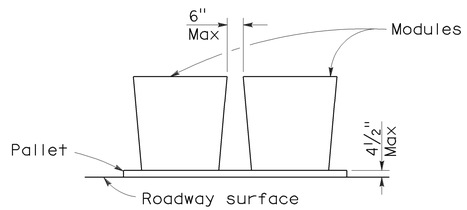


ARRAY 'TB14'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the Type P marker panel so that the bottom of the panel rests upon the pallet.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY CRASH CUSHION, SAND FILLED (BIDIRECTIONAL)

NO SCALE

RSP T1B DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1B
DATED MAY 1, 2006 - PAGE 212 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1B

2006 REVISED STANDARD PLAN RSP T1B

5-15-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	1, 101, 135, 154,217,246	Var	15	16

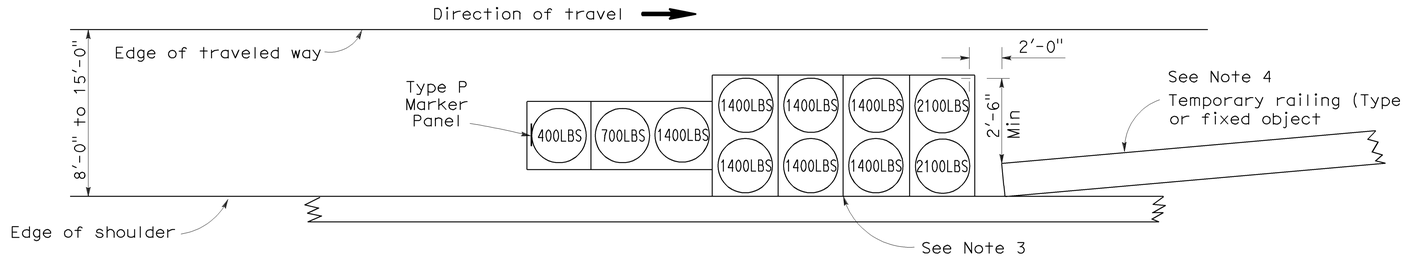
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

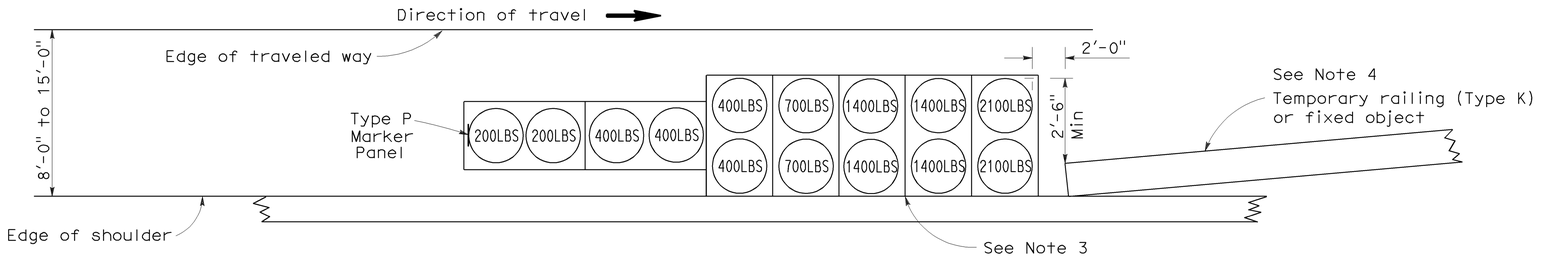
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 10-04-10



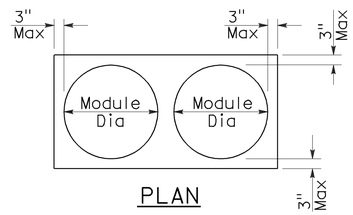
ARRAY 'TS11'

Approach speed less than 45 mph
See Note 9

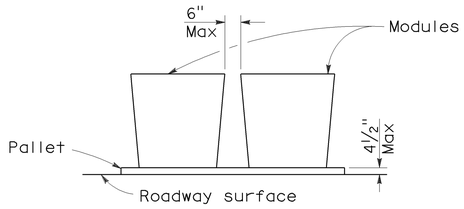


ARRAY 'TS14'

Approach speed 45 mph or more
See Note 9



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 11

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. The temporary crash cushion arrays shown on this plan shall be used only in locations where there will be traffic on one side of the temporary crash cushion array.
4. If the fixed object or approach end of the temporary railing is less than 15'-0" from the edge of traveled way, a temporary crash cushion is required in a construction or work zone.
5. Temporary crash cushion arrays shall not encroach on the traveled way.
6. Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
7. Place the Type P marker panel so that the bottom of the panel rests upon the pallet and faces traffic.
8. Refer to Standard Plan A73B for marker details.
9. For shoulder widths less than 8'-0", appropriate approved crash cushion protection, other than sand filled modules, shall be provided at fixed objects and at approach ends of temporary railing. The specific type of crash cushion shall be as shown on the project plans or as specified in the Special Provisions, or if not shown on the project plans or specified in the Special Provisions, shall be as approved by the Engineer.
10. Approach speeds indicated conform to NCHRP 350 Report criteria.
11. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY CRASH CUSHION, SAND FILLED (SHOULDER INSTALLATIONS)

NO SCALE

RSP T2 DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T2
DATED MAY 1, 2006 - PAGE 213 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T2

2006 REVISED STANDARD PLAN RSP T2

5-15-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	1, 101, 135, 154, 217, 246	Var	16	16

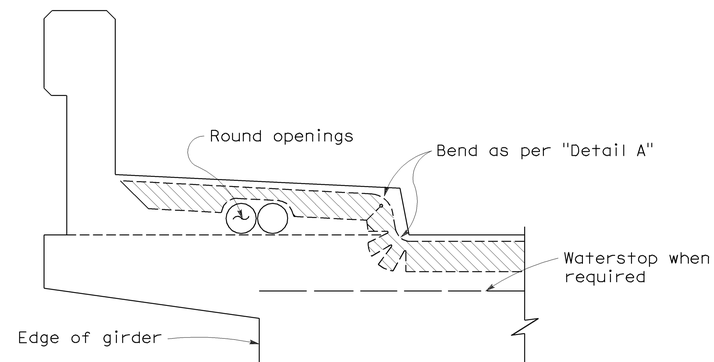
REGISTERED CIVIL ENGINEER

Efthymios Delis
No. C51434
Exp. 6-30-08
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

October 5, 2007
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

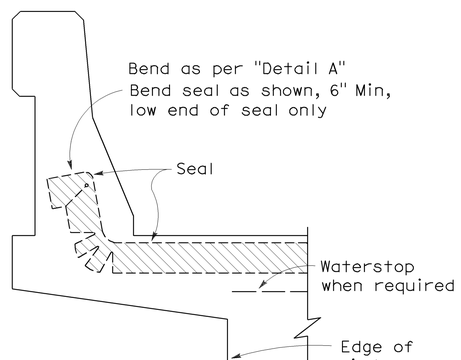
To accompany plans dated 10-04-10



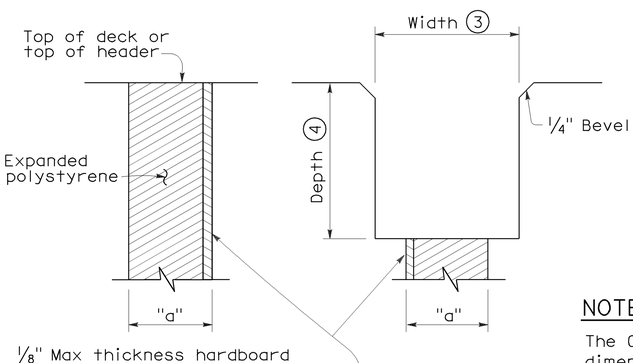
NOTE:

Type "B" seal shown. Type "A" seals to comform to the general path of seal shown, cuts for bending not required. Bend Type "A" seals 3" up into curb or barrier rail on only the low end of the seal.

CONCRETE BARRIER AND SIDEWALK



CONCRETE BARRIER

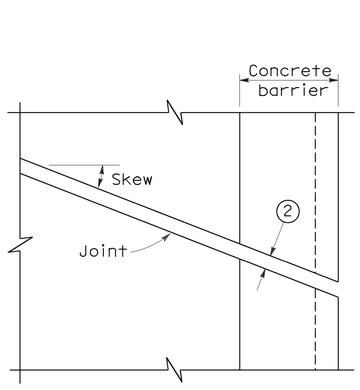


FORMING DETAIL SAWCUT DETAIL

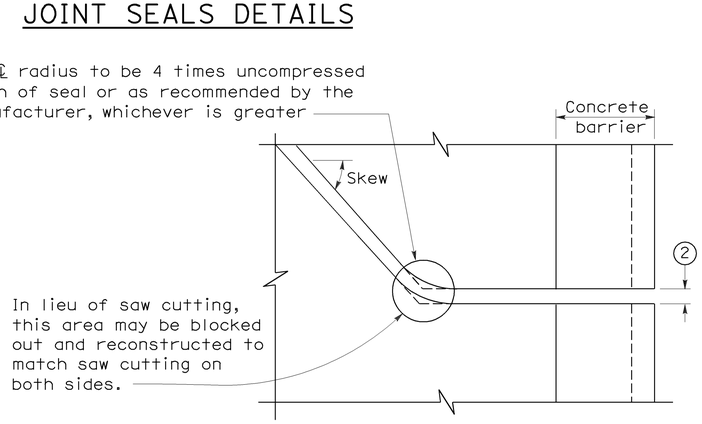
NOTE:

The Contractor shall verify all controlling field dimensions before ordering or fabricatiing any material.

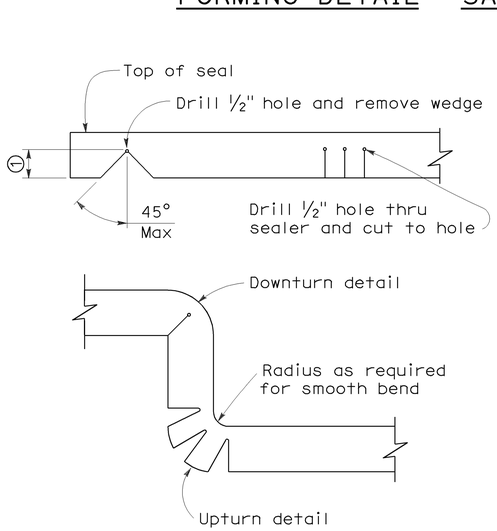
JOINT SEALS DETAILS



PLAN OF JOINT (SKEW ≤ 20°)



PLAN OF JOINT (SKEW > 20°)



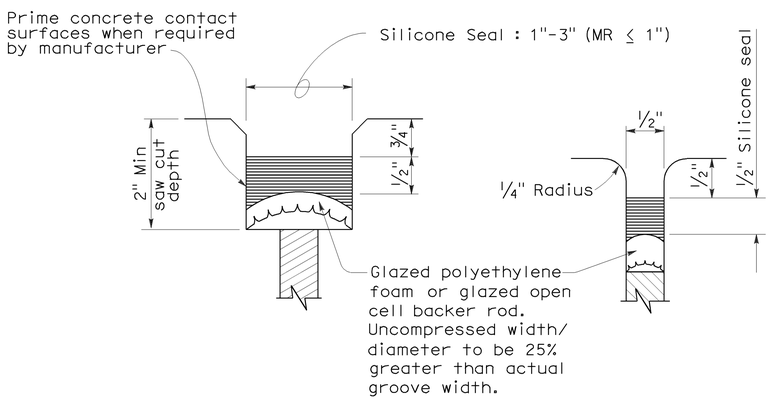
DETAIL A

NOTES:

1. Make smooth cuts from the bottom of seal to 1½" clear of top leaving at least one complete cell between the top of the cut and top of the seal. When necessary cut back of seal to clear conduit and round openings.
2. Opening in barrier to match width of sawn deck joint.
3. Sawcut groove widths shall be as ordered by the Engineer.
4. Depth of sawcut: Type A - Depth to be 2" minimum.
   Type B - Depth to be equal to or greater than the depth of seal measured along the contact surface, when compressed to minimum width position (W_2) plus dimensions shown.
5. MR (movement rating) as shown on other plan sheets.
6. Other depths must be approved by the Engineer.

DIMENSIONS "a" OF JOINT REQUIRED

Movement Rating (MR) (5)	Bridge Type	"a" Dimension, Deck Concrete Placed		
		Winter	Fall-Spring	Summer
2"	All except CIP/PS	1½"	1¼"	¾"
	CIP/PS	1¼"	1"	½"
1½"	All except CIP/PS	1¼"	1"	½"
	CIP/PS	1"	¾"	½"
1"	All except CIP/PS	1"	¾"	½"
	CIP/PS	¾"	½"	½"
½"	All except CIP/PS	¾"	¾"	½"
	CIP/PS	½"	½"	½"

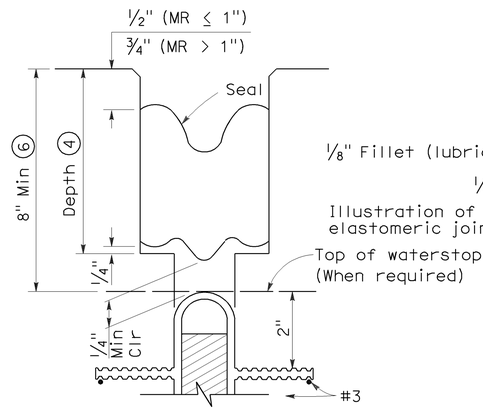


TYPE A SEAL

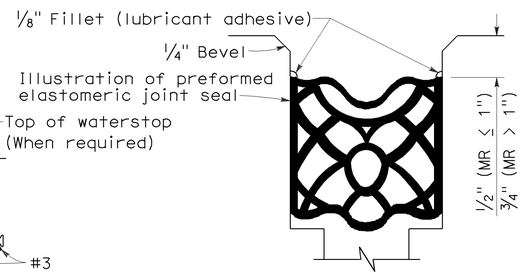
Movement rating : Silicone = 1" Max

TYPE AL SEAL

Longitudinal joints only



TYPE B JOINT SEAL
IN MINIMUM WIDTH POSITION (W_2)



TYPE B SEAL

Movement Rating ≤ 2"

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

JOINT SEALS (MAXIMUM MOVEMENT RATING = 2")

NO SCALE

RSP B6-21 DATED OCTOBER 5, 2007 SUPERSEDES STANDARD PLAN B6-21 DATED MAY 1, 2006 - PAGE 258 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP B6-21

2006 REVISED STANDARD PLAN RSP B6-21

5-8-07