

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5,163	R15.7/R16.3, 0.5/3.2	102	119

Kenneth L. Mah
 LICENSED LANDSCAPE ARCHITECT
 12-09-13
 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.

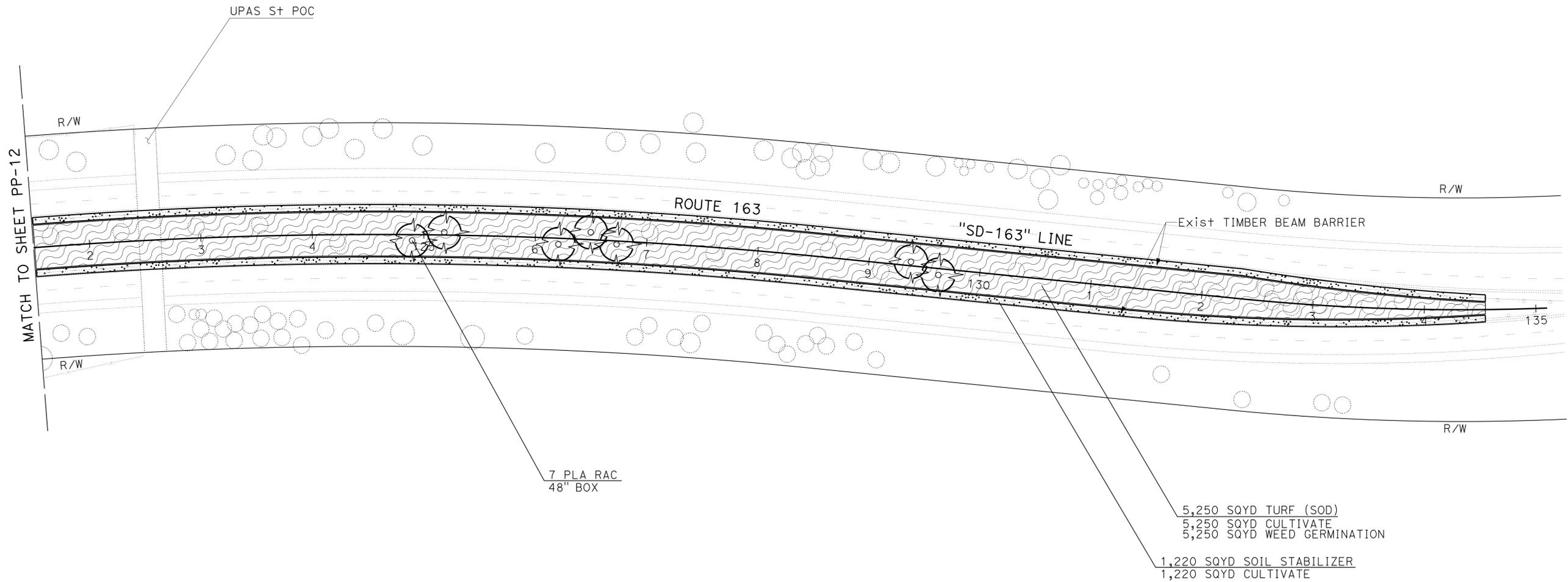
LICENSED LANDSCAPE ARCHITECT
 KENNETH L. MAH NO. 30300
 02-28-14
 06-04-13
 STATE OF CALIFORNIA

NOTES:

1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. TIMBER BEAM BARRIER OPENING AT Approx Rt "SD-163L" 76+00.



SAN DIEGO



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	REVISOR	DATE
Caltrans LANDSCAPE ARCHITECTURE	KENNY MAH	12-09-13
SENIOR LANDSCAPE ARCHITECT	CATALINA FLORES	
DESIGNED BY	CHECKED BY	
STEPHEN ALVAREZ		

APPROVED FOR PLANTING WORK ONLY

PLANTING PLAN
PP-13

SCALE: 1" = 50'

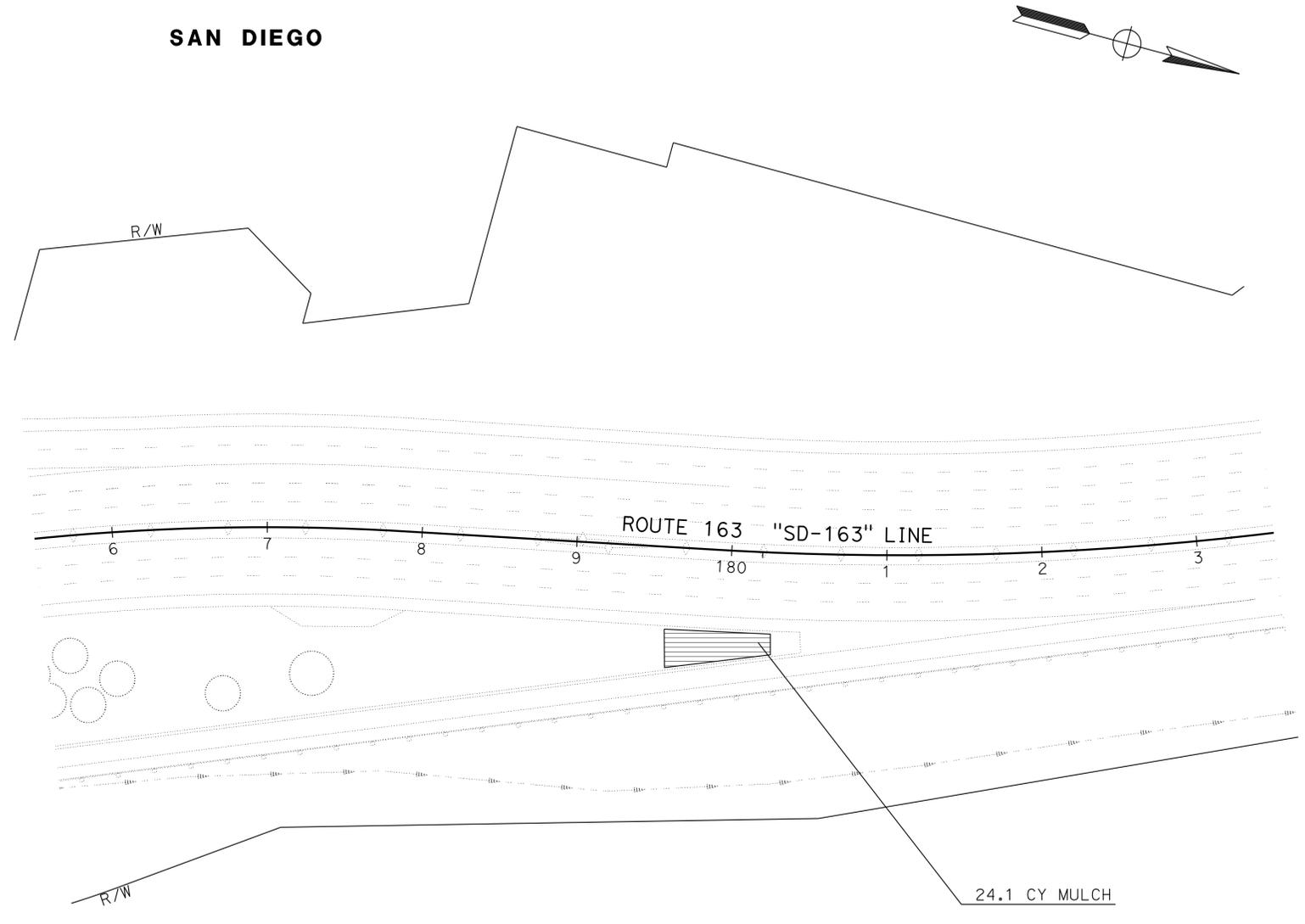
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5,163	R15.7/R16.3, 0.5/3.2	103	119

Kenny Mah
 LICENSED LANDSCAPE ARCHITECT
 12-09-13
 PLANS APPROVAL DATE

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 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	SENIOR LANDSCAPE ARCHITECT	CALCULATED/DESIGNED BY	REVISOR	DATE
Caltrans LANDSCAPE ARCHITECTURE	STEPHEN ALVAREZ	CHECKED BY	KENNY MAH	
			RUDY MEDINA	



APPROVED FOR PLANTING WORK ONLY

PLANTING PLAN
PP-14
 SCALE: 1" = 50'

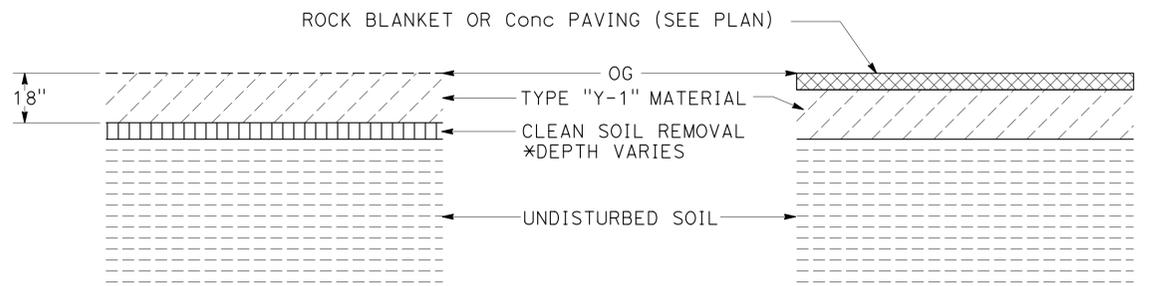
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5,163	R15.7/R16.3, 0.5/3.2	104	119

Kenneth L. Mah
 LICENSED LANDSCAPE ARCHITECT
 12-09-13
 PLANS APPROVAL DATE

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LICENSED LANDSCAPE ARCHITECT
 KENNETH L. MAH NO. 30630
 02-28-14
 06-04-13

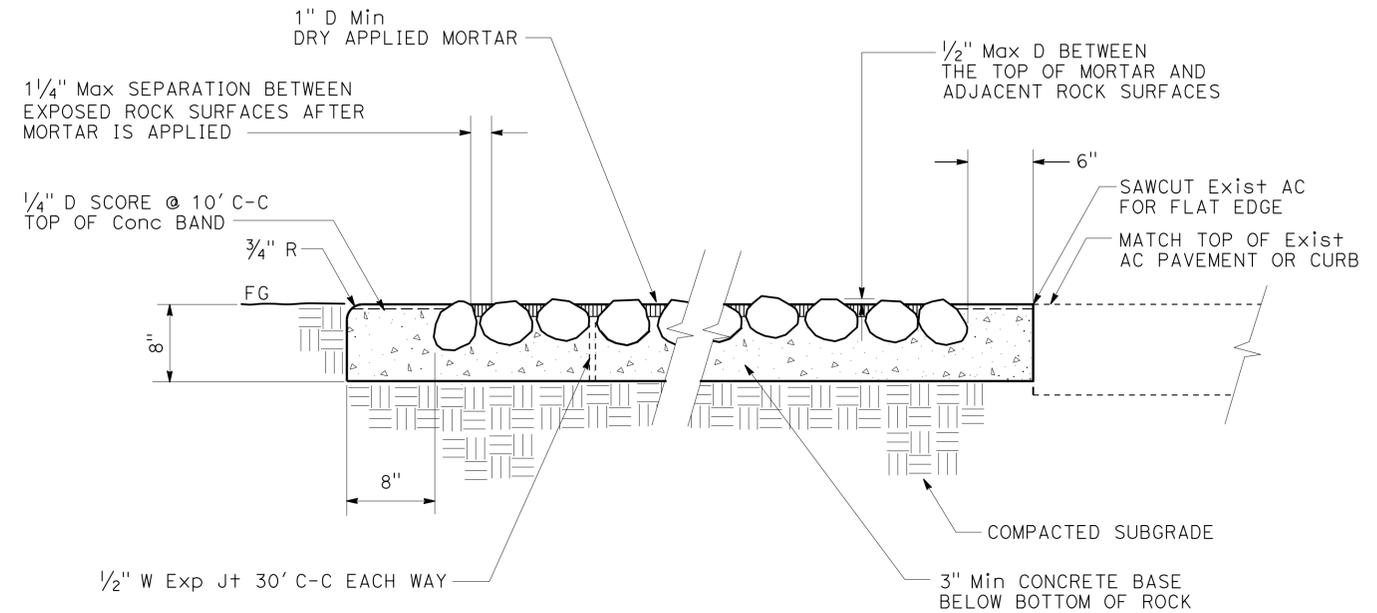
* ROCK BLANKET = 8" D
 MINOR Conc (EXPOSED AGGREGATE) = 6" D



EXISTING CONDITION

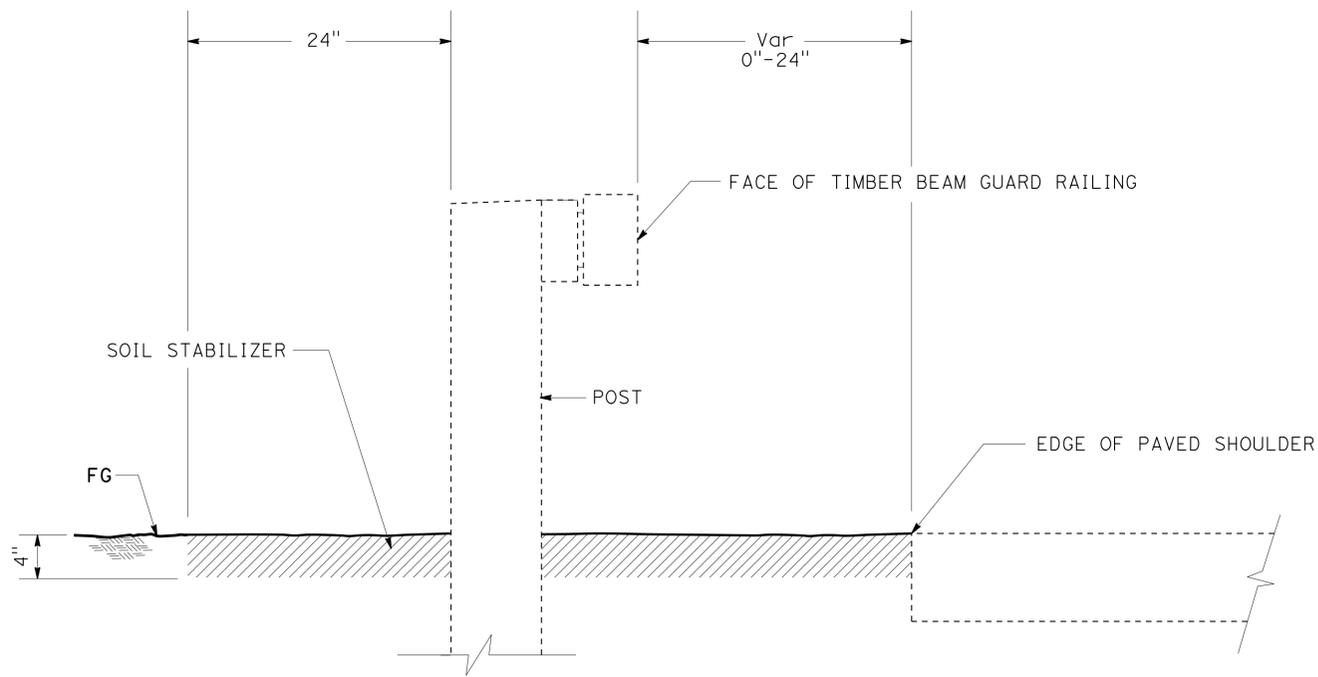
PLACEMENT OF "Y-1" MATERIAL

PLACEMENT OF MATERIAL CONTAINING AERIALY DEPOSITED LEAD



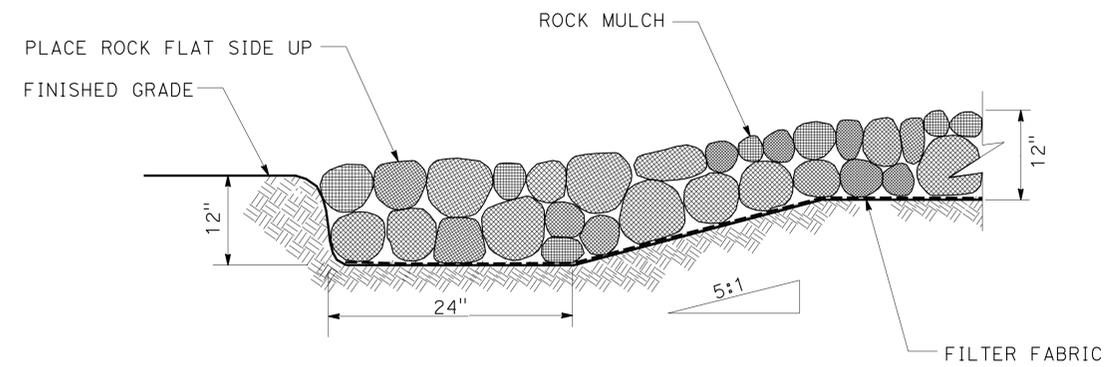
SECTION

ROCK BLANKET



SECTION

AREA OF SOIL STABILIZER PLACEMENT



SECTION

ROCK MULCH

NO SCALE

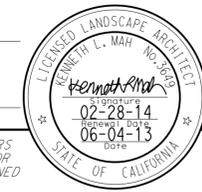
LANDSCAPE DETAILS

LD-1

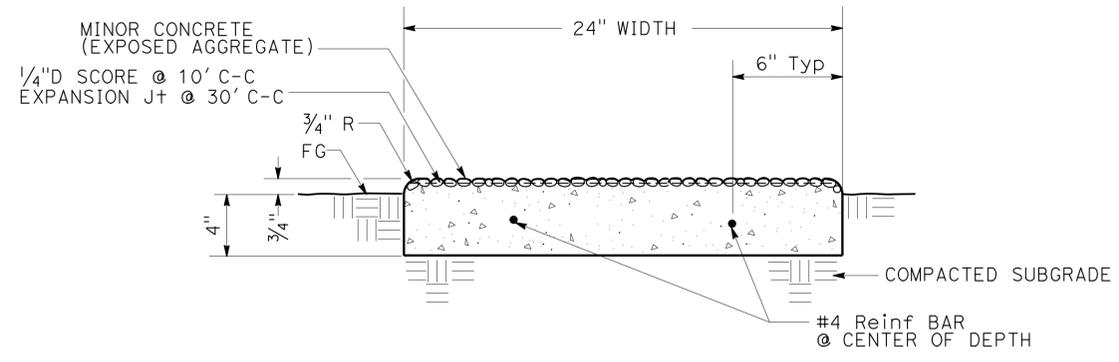
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - LANDSCAPE ARCHITECTURE

Rafael Ambrosi
 Senior Landscape Architect
 Stephen Alvarez
 Senior Landscape Architect
 Kenneth Mah
 Licensed Landscape Architect

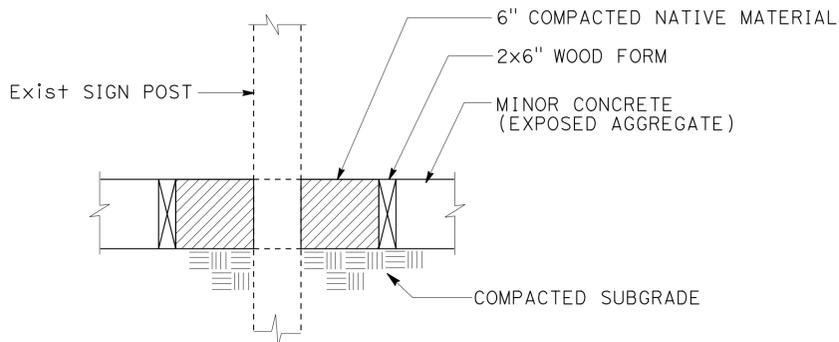
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5,163	R15.7/R16.3, 0.5/3.2	105	119

 LICENSED LANDSCAPE ARCHITECT		
12-09-13 PLANS APPROVAL DATE		

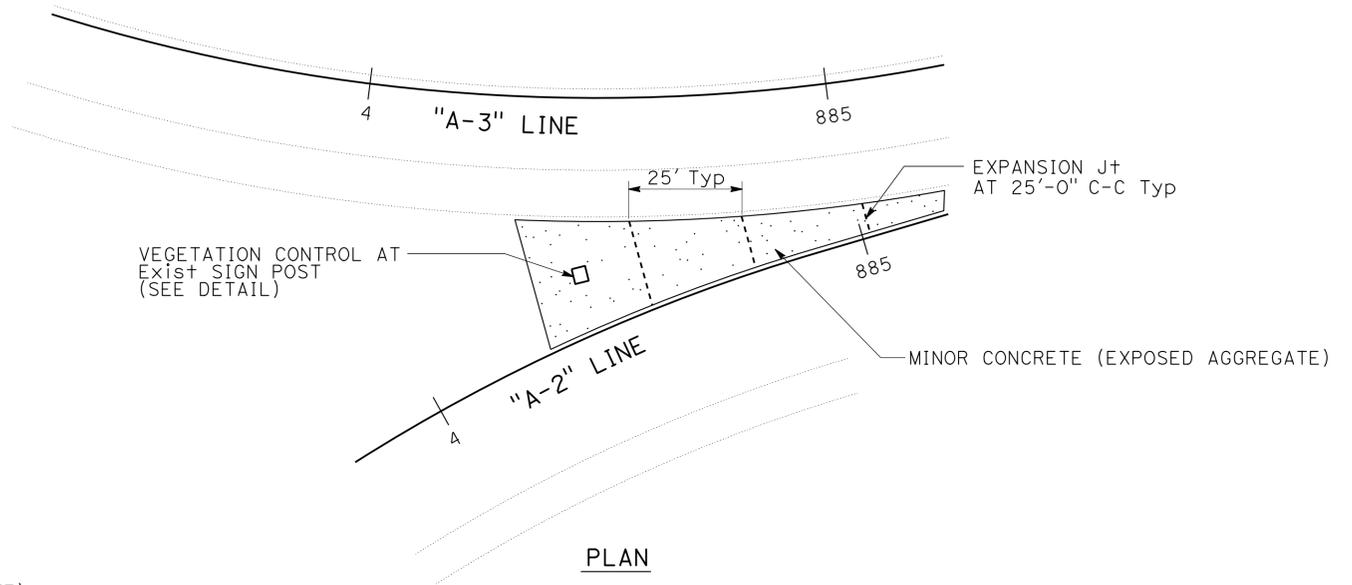
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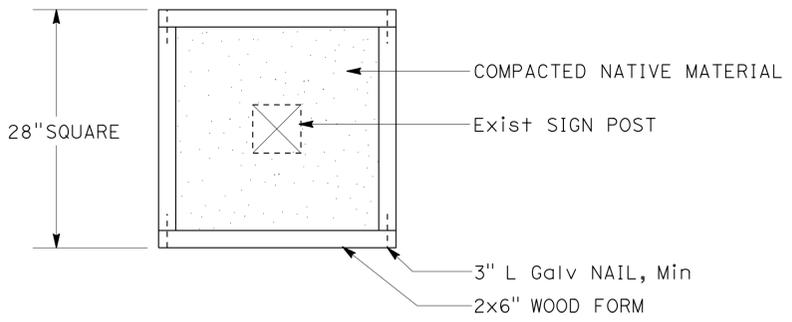
MOW STRIP SECTION



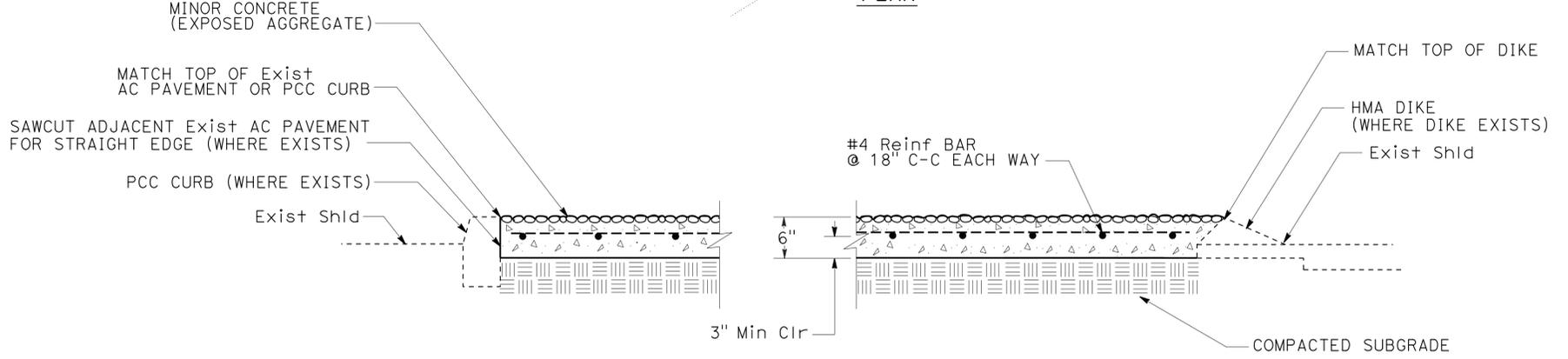
ELEVATION



PLAN



PLAN



TYPICAL SECTION

VEGETATION CONTROL AT Exist SIGN POST

MINOR CONCRETE (EXPOSED AGGREGATE)

LANDSCAPE DETAILS LD-2

NO SCALE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - LANDSCAPE ARCHITECTURE

REVISOR BY DATE

KENNY MAH MARLENE GROS

CALCULATED/DESIGNED BY CHECKED BY

SENIOR LANDSCAPE ARCHITECT STEPHEN ALVAREZ

LANDSCAPE ARCHITECTURE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans LANDSCAPE ARCHITECTURE
 SENIOR LANDSCAPE ARCHITECT
 KENNY MAH
 REVISOR BY
 CATALINA FLORES
 CHECKED BY
 STEPHEN ALVAREZ
 CALCULATED/DESIGNED BY
 DATE REVISION

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5,163	R15.7/R16.3, 0.5/3.2	106	119

12-09-13
 PLANS APPROVAL DATE

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REMOVE ASPHALT CONCRETE PAVEMENT

SHEET NUMBER	SQFT
PR-2	1,970
PR-5	1,890
TOTAL	3,860

ROADWAY EXCAVATION

SHEET NUMBER	CY
PP-4	42.4
PP-5	73.4
PP-6	92.5
PP-7	6.8
TOTAL	215.1

MULCH

SHEET NUMBER	CY
PP-3	18.0
PP-5	9.2
PP-14	24.1
BASIN	76.3
TOTAL	127.6

WEED GERMINATION

SHEET NUMBER	SQYD
PP-3	240
PP-4	3,340
PP-5	2,970
PP-7	1,350
PP-8	70
PP-9	2,390
PP-10	4,550
PP-11	5,440
PP-12	5,090
PP-13	5,250
TOTAL	30,690

MAINTAIN Exist PLANTED AREAS

SHEET NUMBER	SQFT (N)
PR-1	27,100
PR-2	32,960
PR-3	55,600
PR-4	-
PR-5	111,200
PR-6	18,020
PR-7	54,840
PR-8	75,100
PR-9	64,300
PR-10	73,300
PR-11	76,300
TOTAL	588,720

REMOVE CL FENCE

SHEET NUMBER	LF
PP-6	516
TOTAL	516

ROADWAY EXCAVATION (TYPE Y-1) (AERIALY DEPOSITED LEAD)

SHEET NUMBER	CY
PP-4	95.0
PP-5	152.5
PP-6	208.0
PP-7	30.6
TOTAL	486.1

COMPOST

SHEET NUMBER	SQFT
PP-2	1,970
PP-3	2,140
PP-4	1,970
PP-5	7,350
TOTAL	13,430

CULTIVATE

SHEET NUMBER	SQYD
PP-4	3,340
PP-5	2,480
PP-7	1,350
PP-8	100
PP-9	3,070
PP-10	5,630
PP-11	6,580
PP-12	6,170
PP-13	6,470
TOTAL	35,190

CHAIN LINK FENCE (TYPE CL-8, VINYL-CLAD)

SHEET NUMBER	LF
PP-6	516
TOTAL	516

INCORPORATE MATERIALS

SHEET NUMBER	SQFT
PP-2	1,970
PP-3	2,140
PP-4	1,970
PP-5	7,350
TOTAL	13,430

MINOR CONCRETE (EXPOSED AGGREGATE)

SHEET NUMBER	CY
PP-5	53.4
PP-7	6.8
TOTAL	60.2

4' CHAIN LINK GATE (TYPE CL-8, VINYL-CLAD)

SHEET NUMBER	EA
PP-6	1
TOTAL	1

SOIL STABILIZER

SHEET NUMBER	SQYD
PP-8	30
PP-9	680
PP-10	1,080
PP-11	1,140
PP-12	1,080
PP-13	1,220
TOTAL	5,230

REPLACE VALVE BOX COVER

SHEET NUMBER	EA
IP-11	4
IP-12	16
IP-13	7
TOTAL	27

4' CHAIN LINK GATE (TYPE CL-6, VINYL CLAD)

SHEET NUMBER	EA
PP-4	2
PP-6	1
PP-7	2
TOTAL	5

ROCK BLANKET

SHEET NUMBER	SQYD
PP-4	190
PP-5	125
PP-6	416
TOTAL	731

ROCK MULCH

SHEET NUMBER	SQYD
PP-5	1,920
PP-7	1,700
TOTAL	3,620

(N) - NOT A PAY ITEM FOR INFORMATION ONLY

LANDSCAPE QUANTITIES LQ-1

LAST REVISION DATE PLOTTED => 09-DEC-2013 12-06-13 TIME PLOTTED => 14:39

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC ELECTRICAL

REVISOR
 ANTONIO RODRIGUEZ
 DANNY MCCLURE

DESIGNER
 CALCULATED-DESIGNED BY
 CHECKED BY

SUPERVISOR
 FUNCTIONAL SUPERVISOR
 BRAIN PECUS

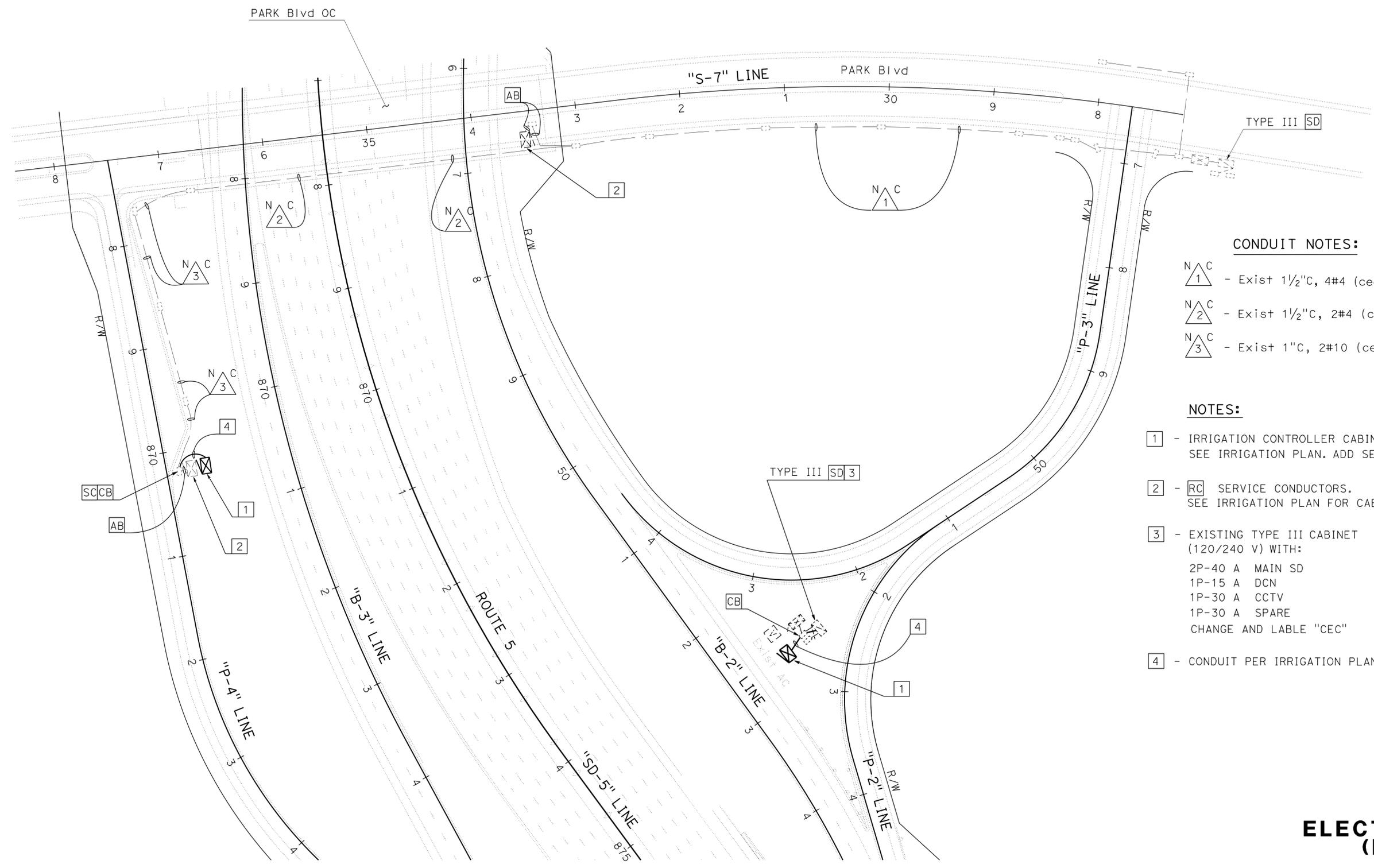
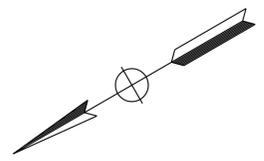
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

LEGEND:
 N△C = EXISTING CONDUIT NO CHANGE
 SDG&E = SAN DIEGO GAS AND ELECTRIC COMPANY
 AT&T = AMERICAN TELEPHONE AND TELEGRAPH
 TSO = THIS SHEET ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5,163	R15.7/R16.3, 0.5/3.2	107	119

REGISTERED ELECTRICAL ENGINEER
 DANNY D. MCCLURE
 No. 16074
 Exp. 12-31-15
 DATE 06-11-13
 PLANS APPROVAL DATE 12-09-13

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.



CONDUIT NOTES:

- N△C 1 - Exist 1 1/2" C, 4#4 (cec).
- N△C 2 - Exist 1 1/2" C, 2#4 (cec).
- N△C 3 - Exist 1" C, 2#10 (cec).

NOTES:

- 1 - IRRIGATION CONTROLLER CABINET. SEE IRRIGATION PLAN. ADD SERVICE CONDUCTORS.
- 2 - RC SERVICE CONDUCTORS. SEE IRRIGATION PLAN FOR CABINET.
- 3 - EXISTING TYPE III CABINET (120/240 V) WITH:
 2P-40 A MAIN SD
 1P-15 A DCN
 1P-30 A CCTV
 1P-30 A SPARE
 CHANGE AND LABEL "CEC"
- 4 - CONDUIT PER IRRIGATION PLAN DETAIL, 2#10 (CEC).

APPROVED FOR ELECTRICAL WORK ONLY

SCALE: 1" = 50'

E-1

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REGISTERED ELECTRICAL ENGINEER
 DANNY MCCLURE
 No. 16074
 Exp. 12-31-15
 ELECTRICAL
 STATE OF CALIFORNIA

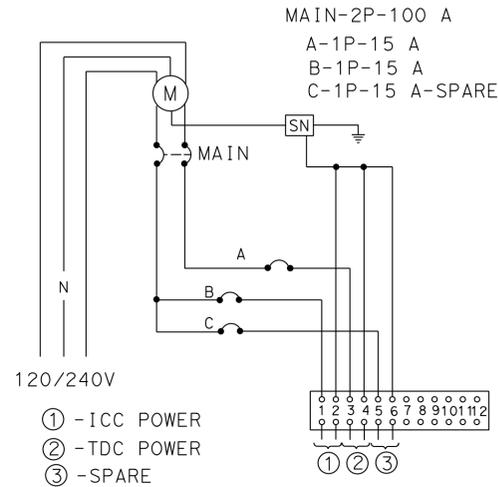
06-11-13
 DATE
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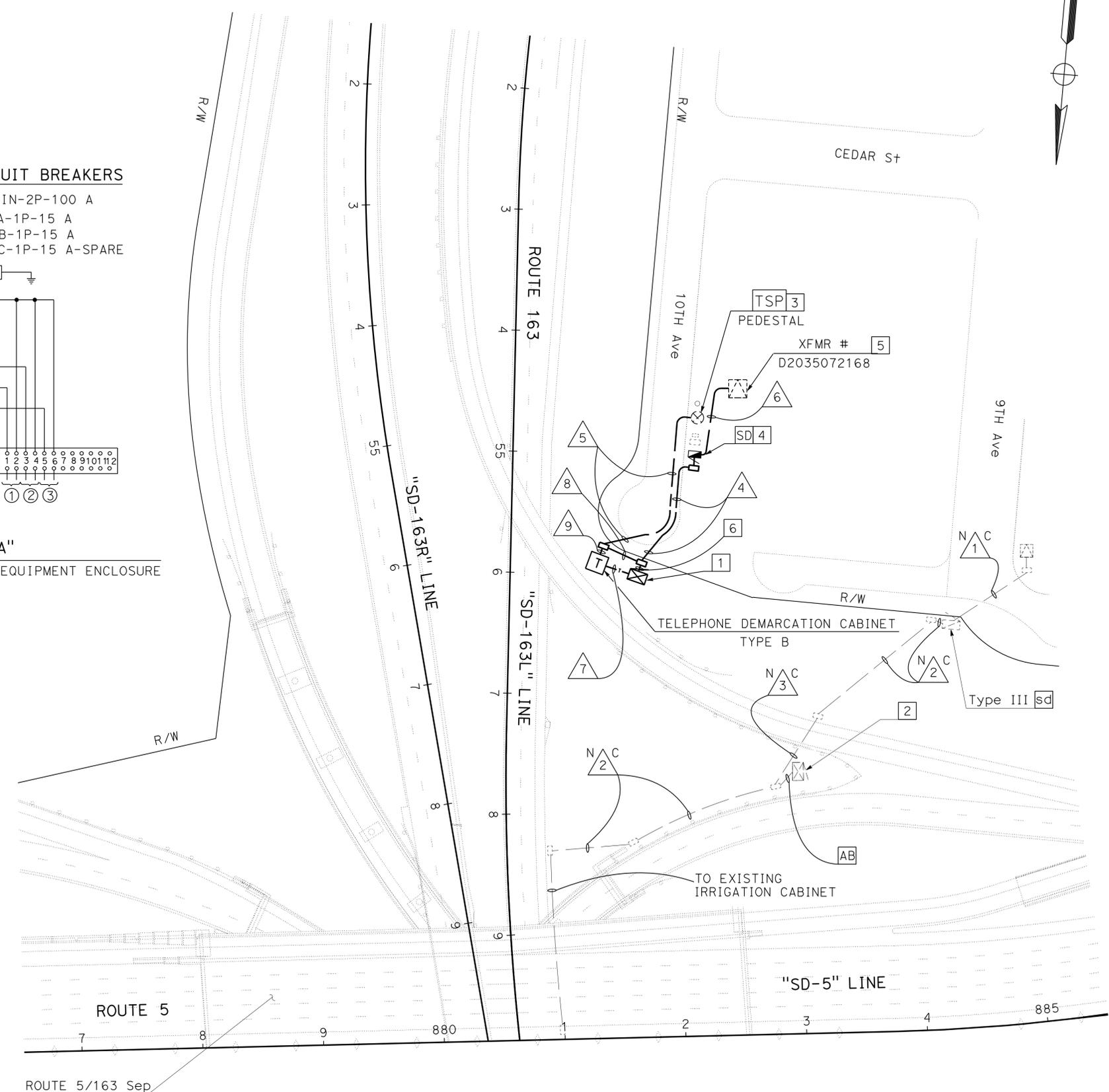
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC ELECTRICAL
 FUNCTIONAL SUPERVISOR: BRAIN PECUS
 CALCULATED/DESIGNED BY: ANTONIO RODRIGUEZ
 CHECKED BY: DANNY MCCLURE
 REVISED BY: DATE
 REVISED BY: DATE

CIRCUIT BREAKERS



SD WIRING DIAGRAM "A"
 (TYPE III-BF SERVICE EQUIPMENT ENCLOSURE
 SEE ES-2C & ES-2E)



CONDUIT NOTES:

- N1C - Exist 2" C, CONDUCTORS BY SDG&E.
- N2C - Exist 1" C, 2#8 (cec).
- N3C - Exist 1 1/2" C, 2#10 (cec).
- 4 - 2" C, 2#10 (CEC), 2#10 (TDC).
- 5 - 2" C, MT. CONDUCTORS BY PACBELL.
- 6 - 2" C, MT. CONDUCTORS BY SDG&E.
- 7 - 2" C, 1 SIC.
- 8 - 2" C, 2#10 (TDC).
- 9 - 2" C, 2#10 (TDC), SIC (TELEPHONE).

NOTE:

- 1 - IRRIGATION CONTROLLER CABINET. SEE IRRIGATION PLAN. ADD SERVICE CONDUCTORS.
- 2 - RC SERVICE CONDUCTORS. SEE IRRIGATION PLAN FOR CABINET.
- 3 - TELEPHONE PEDESTAL PER AT&T REQUIREMENTS.
- 4 - TYPE III-BF SERVICE EQUIPMENT ENCLOSURE CABINET. SEE WIRING DIAGRAM "A".
- 5 - SERVICE ENTRANCE PER SDG&E REQUIREMENTS.
- 6 - CONDUIT PER IRRIGATION PLAN DETAIL, 2#10 (CEC).

APPROVED FOR ELECTRICAL WORK ONLY

ELECTRICAL SERVICE (IRRIGATION)

SCALE: 1" = 50'

E-2

LAST REVISION DATE PLOTTED => 10-DEC-2013 12-06-13 TIME PLOTTED => 13:59

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
 TRAFFIC ELECTRICAL

FUNCTIONAL SUPERVISOR
 BRAIN PECUS

CALCULATED/DESIGNED BY
 CHECKED BY

ANTONIO RODRIGUEZ
 DANNY MCCLURE

REVISED BY
 DATE REVISED

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

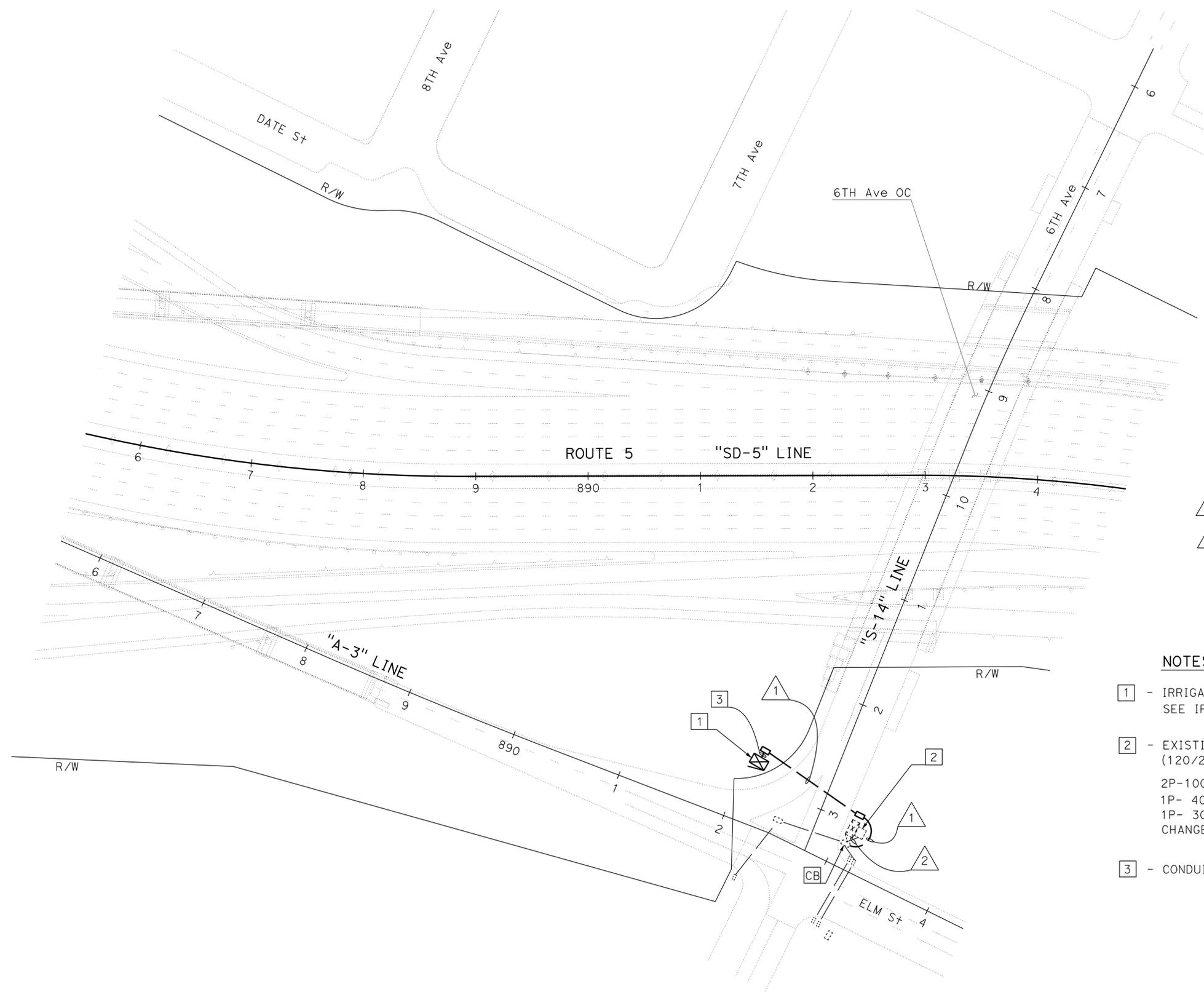
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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Danny McClure 06-11-13
 REGISTERED ELECTRICAL ENGINEER DATE

12-09-13
 PLANS APPROVAL DATE

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REGISTERED PROFESSIONAL ENGINEER
 DANNY MCCLURE
 No. 16074
 Exp. 12-31-15
 ELECTRICAL
 STATE OF CALIFORNIA



- CONDUIT NOTES:**
- 1 - 2"C, 2#10 (CEC).
 - 2 - Exist 1 1/2"C, 2#10 (cec).

- NOTES:**
- 1 - IRRIGATION CONTROLLER CABINET. SEE IRRIGATION PLAN. ADD SERVICE CONDUCTORS.
 - 2 - EXISTING NEMA ENCLOSURE CABINET: (120/240 V) WITH:
 2P-100 A MAIN SD
 1P- 40 A TRAFFIC SIGNAL
 1P- 30 A SPARE
 CHANGE AND LABEL "CEC".
 - 3 - CONDUIT PER IRRIGATION PLAN DETAIL, 2#10 (CEC).

**ELECTRICAL SERVICE
 (IRRIGATION)**

SCALE: 1" = 50'

E-3

APPROVED FOR ELECTRICAL WORK ONLY

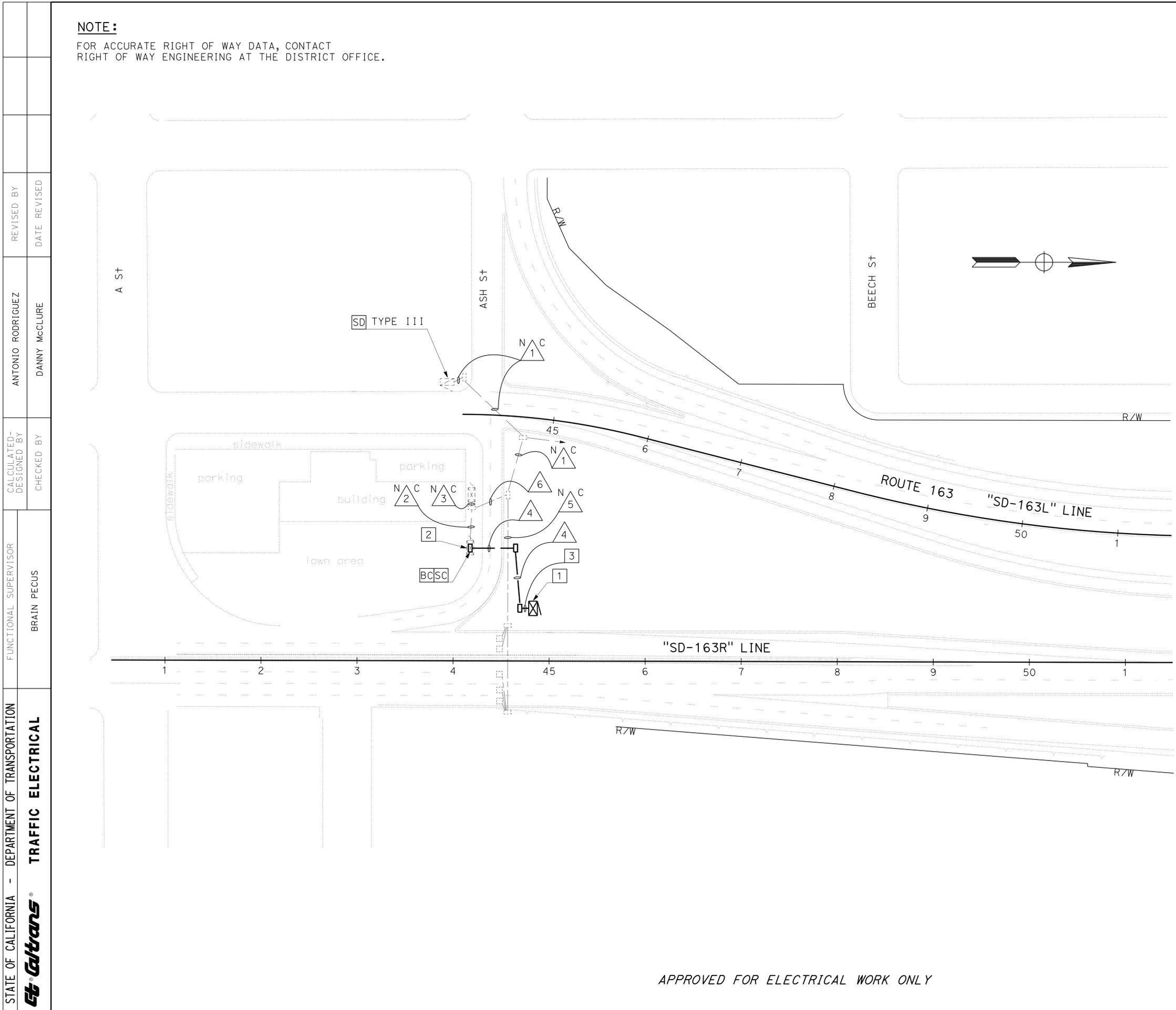
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11	SD	5,163	R15.7/R16.3, 0.5/3.2	110	119

<i>Danny McClure</i> REGISTERED ELECTRICAL ENGINEER	06-11-13 DATE
12-09-13 PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER DANNY MCCLURE No. 11131 Exp. 12-31-15 ELECTRICAL STATE OF CALIFORNIA

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NOTE:
FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.



- CONDUIT NOTES:**
- N1C - Exist 2 "C, 2#10 (cec), 2#10 count station.
 - N2C - Exist 1 1/2"C, 2#10 (cec).
 - N3C - Exist 2"C, service conductors, 5 dlc.
 - 4 - 2"C, 2#10 (CEC).
 - N5C - Exist 1 1/2"C, 5 dlc.
 - 6 - Exist 2 "C, 2#10 (cec), 2#10 count station, 5 dlc.

- NOTES:**
- 1 - IRRIGATION CONTROLLER CABINET. SEE IRRIGATION PLAN. ADD SERVICE CONDUCTORS.
 - 2 - REPLACE EXISTING FOUNDATION WITH No.5 PULL BOX.
 - 3 - CONDUIT PER IRRIGATION PLAN DETAIL, 2#10 (CEC).

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC ELECTRICAL
 FUNCTIONAL SUPERVISOR: BRAIN PECUS
 CALCULATED/DESIGNED BY: ANTONIO RODRIGUEZ
 CHECKED BY: DANNY MCCLURE
 REVISED BY: [] DATE REVISED: []

ELECTRICAL SERVICE (IRRIGATION)

APPROVED FOR ELECTRICAL WORK ONLY

SCALE: 1" = 50'

E-4

LAST REVISION: 12-06-13 DATE PLOTTED => 10-DEC-2013 TIME PLOTTED => 1:3:59

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
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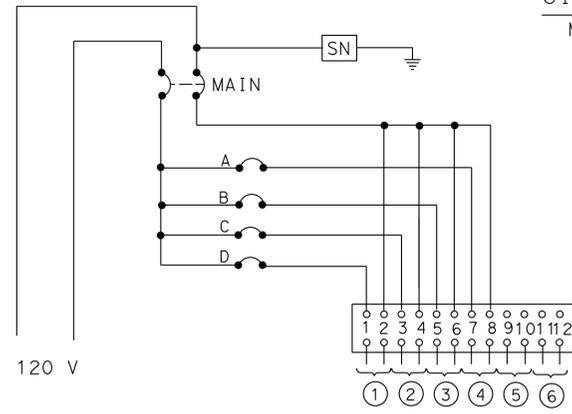
REGISTERED ELECTRICAL ENGINEER
 DANNY MCCLURE
 No. 16074
 Exp. 12-31-15
 ELECTRICAL
 STATE OF CALIFORNIA

06-11-13
 DATE
 12-09-13
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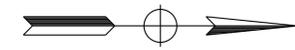
NOTE:
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 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

- ① - CEC 1
- ② - CEC 2
- ③ - CEC 3
- ④ - CEC 4
- ⑤ - SPARE
- ⑥ - SPARE

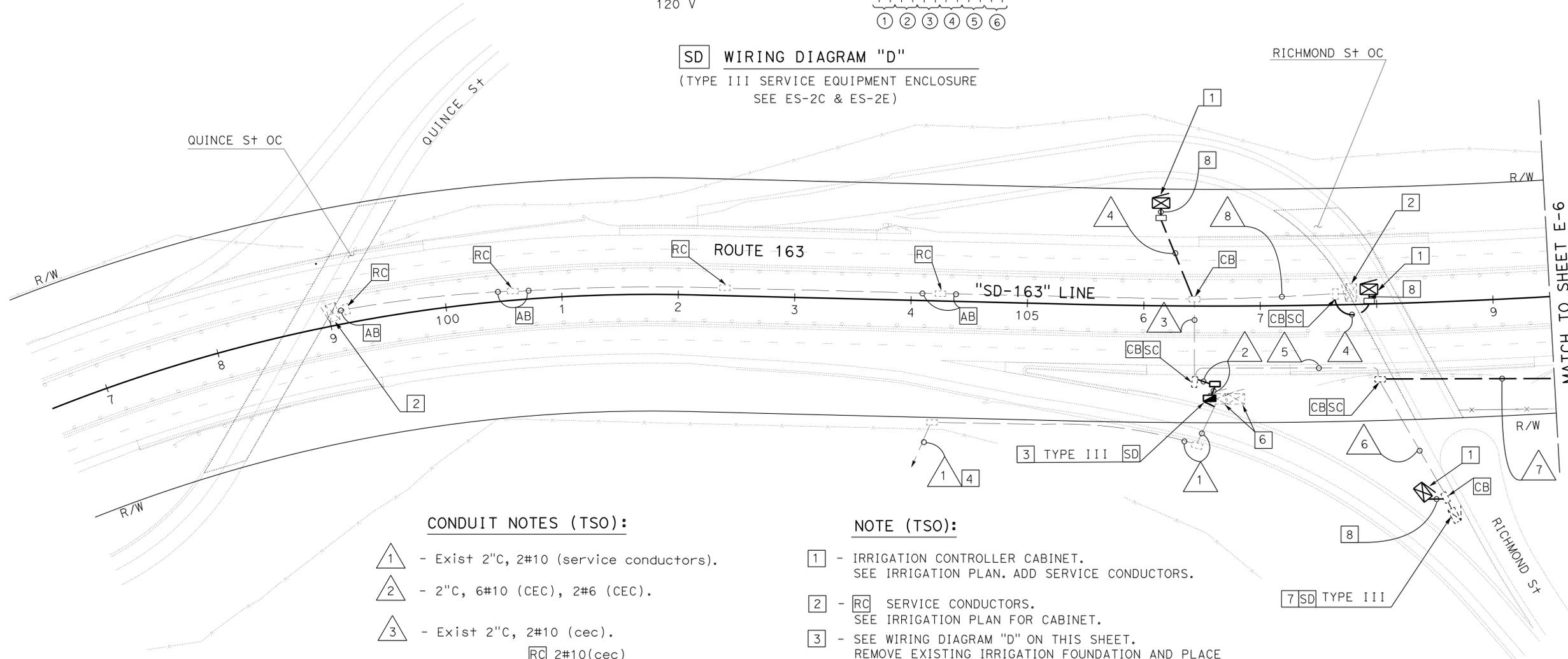


CIRCUIT BREAKERS

- MAIN-2P-50 AMP
- A-SP-15 AMP
- B-SP-15 AMP
- C-SP-15 AMP
- D-SP-15 AMP
- E-SP-15 AMP SPARE
- F-SP-15 AMP SPARE



SD WIRING DIAGRAM "D"
 (TYPE III SERVICE EQUIPMENT ENCLOSURE
 SEE ES-2C & ES-2E)



CONDUIT NOTES (TSO):

- ① - Exist 2"C, 2#10 (service conductors).
- ② - 2"C, 6#10 (CEC), 2#6 (CEC).
- ③ - Exist 2"C, 2#10 (cec).
 RC 2#10(cec)
 ADD 4#10 (CSC).
- ④ - 2"C, 2#10 (CEC).
- ⑤ - Exist 2"C, mt.
 ADD 2#10 (CSC), 2#6 (CEC).
- ⑥ - Exist 2"C, mt.
 ADD 2#10 (CSC).
- ⑦ - 2"C, 2#6 (CEC).
- ⑧ - Exist 2"C, 2#10 (cec).
 RC 2#10(cec)
 ADD 2#10 (CSC).

NOTE (TSO):

- ① - IRRIGATION CONTROLLER CABINET.
 SEE IRRIGATION PLAN. ADD SERVICE CONDUCTORS.
- ② - RC SERVICE CONDUCTORS.
 SEE IRRIGATION PLAN FOR CABINET.
- ③ - SEE WIRING DIAGRAM "D" ON THIS SHEET.
 REMOVE EXISTING IRRIGATION FOUNDATION AND PLACE
 NEW SD AT SAME LOCATION. CC SERVICE CONDUIT TO NEW SD.
 USE EXISTING 120 V POWER FROM ZOO AS MAIN SERVICE FOR SD.
- ④ - TO Exist 120 V SERVICE DISCONNECT
 LOCATED AT THE SAN DIEGO ZOO.
- 5 - NOTIFY THE ZOO (AT P.O. BOX 120551
 SAN DIEGO, CA 92112 OR BY Tel 619-231-4291)
 FOR ENTRY TO SERVICE POINT.
- ⑥ - RC TWO IRRIGATION CONTROLLER CABINETS.
- ⑦ - EXISTING SD FOR FUTURE USE.
- ⑧ - CONDUIT PER IRRIGATION PLAN DETAIL, 2#10 (CEC).

MATCH TO SHEET E-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 TRAFFIC ELECTRICAL
 FUNCTIONAL SUPERVISOR: BRAIN PECUS
 CALCULATED/DESIGNED BY: ANTONIO A. RODRIGUEZ
 CHECKED BY: DANNY MCCLURE
 REVISED BY: DATE
 REVISIONS:

APPROVED FOR ELECTRICAL WORK ONLY

**ELECTRICAL SERVICE
 (IRRIGATION)**

SCALE: 1" = 50'

E-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
 FUNCTIONAL SUPERVISOR: BRAIN PECUS
 CALCULATED/DESIGNED BY: ANTONIO RODRIGUEZ
 CHECKED BY: DANNY MCCLURE
 REVISIONS: (None listed)

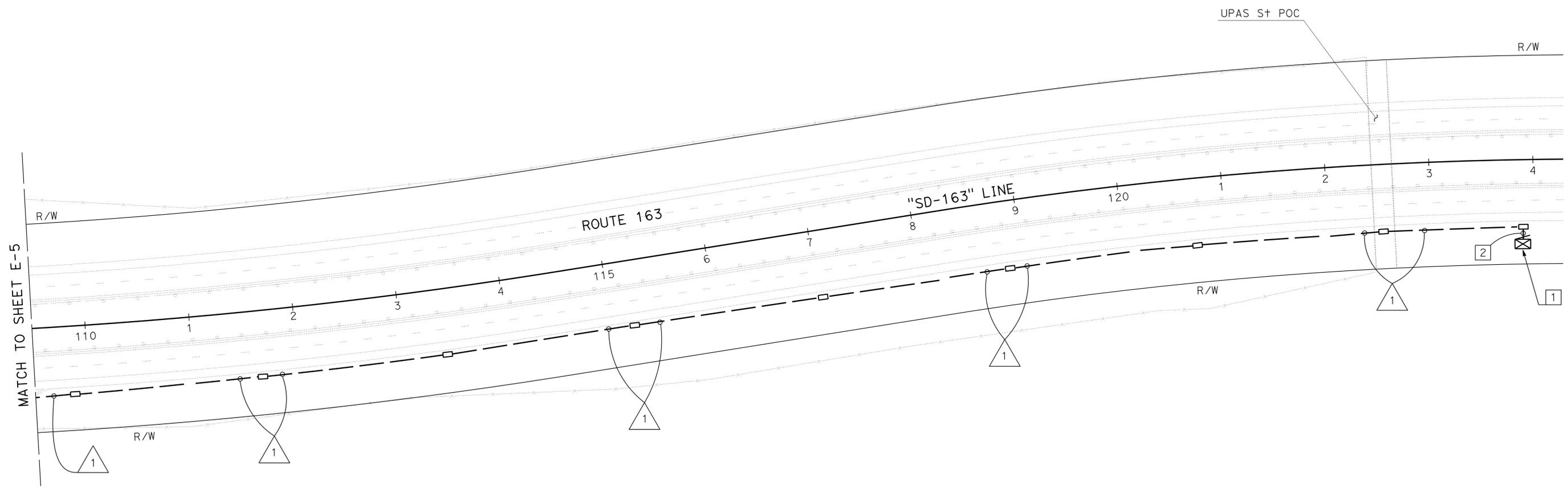
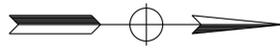
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5,163	R15.7/R16.3, 0.5/3.2	112	119

REGISTERED ELECTRICAL ENGINEER: *Danny D. McClure*
 DATE: 06-11-13
 PLANS APPROVAL DATE: 12-09-13

REGISTERED PROFESSIONAL ENGINEER
 DANNY MCCLURE
 No. 16074
 Exp. 12-31-15
 ELECTRICAL
 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.



CONDUIT NOTES(TSO):

△ - 2"C, 2#6 (CEC).

NOTE(TSO):

- - IRRIGATION CONTROLLER CABINET.
SEE IRRIGATION PLAN. ADD SERVICE CONDUCTORS.
- - CONDUIT PER IRRIGATION PLAN DETAIL, 2#10 (CEC).

**ELECTRICAL SERVICE
 (IRRIGATION)**

APPROVED FOR ELECTRICAL WORK ONLY

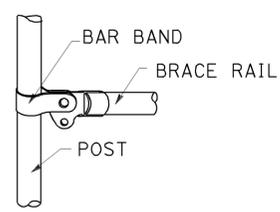
SCALE: 1" = 50'

E-6

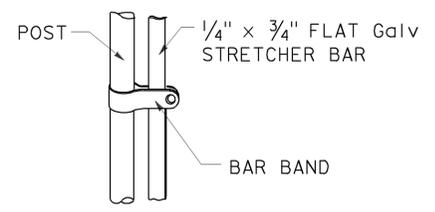
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5,163	R15.7/R16.3, 0.5/3.2	113	119

Glenn DeCou
 REGISTERED CIVIL ENGINEER
 October 19, 2012
 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.

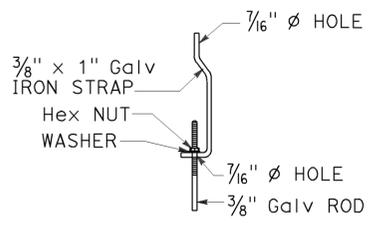
REGISTERED PROFESSIONAL ENGINEER
 Glenn DeCou
 No. C34547
 Exp. 9-30-13
 CIVIL
 STATE OF CALIFORNIA



BRACE RAIL



STRETCHER BAR

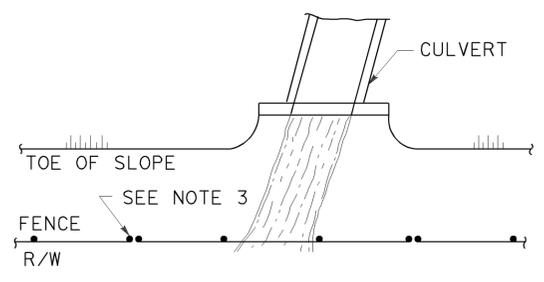


TRUSS TIGHTENER

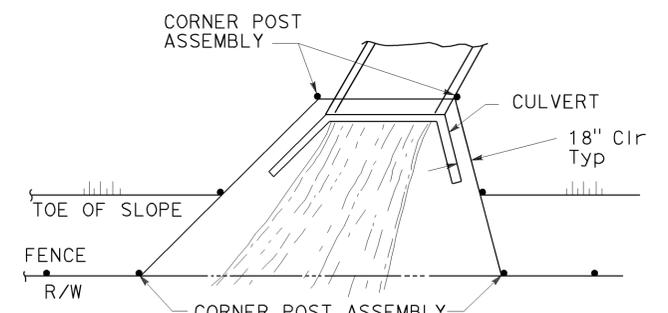
NOTES:

1. All material for abutment connection to be galvanized.
2. The chain link fabric shall be replaced by barbed wire strands at 12" maximum centers between the double posts.
3. When the width of the culvert makes it necessary to anchor a post to the top of the culvert, a cast iron shoe or other device approved by the Engineer shall be used.
4. Fencing over stream and around headwall may also use Barbed Wire or Wire Mesh fencing with either wood post or steel post installation.
5. See Standard Plan A85 for Chain Link fence dimensions. See Standard Plan A86 for Barbed Wire and Wire Mesh fence dimensions and for wood post and steel post installation.

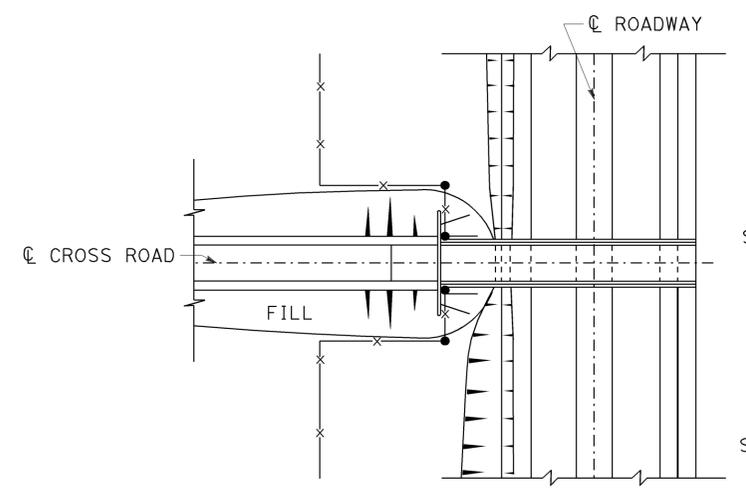
TO ACCOMPANY PLANS DATED 12-09-13



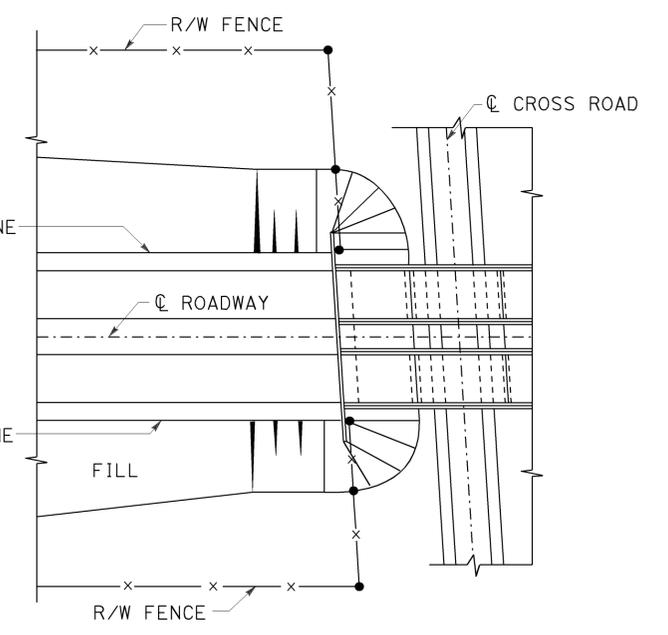
PLAN



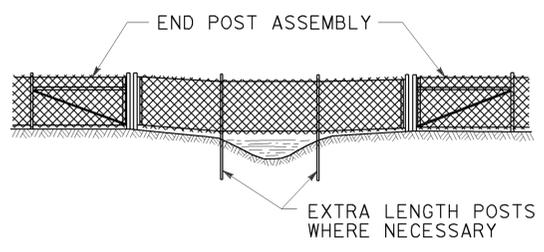
PLAN



PLAN OF ROADWAY - OVERCROSSING

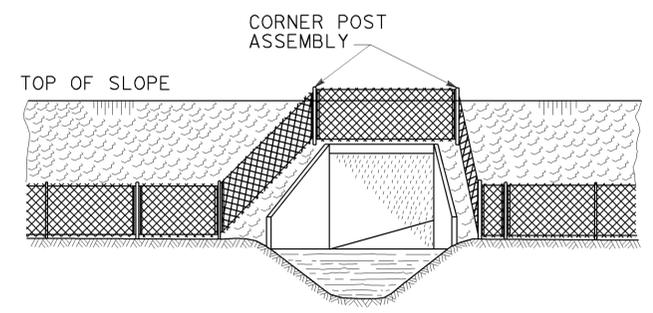


PLAN OF ROADWAY - UNDERCROSSING



ELEVATION

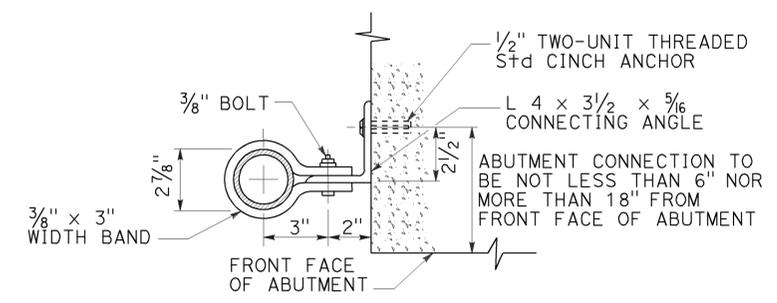
INSTALLATION OVER STREAM



ELEVATION

INSTALLATION AROUND HEADWALL

See Note 4



ABUTMENT CONNECTION

TYPICAL INSTALLATION AT BRIDGES

ABUTMENT CONNECTION TO BE NOT LESS THAN 6" NOR MORE THAN 18" FROM FRONT FACE OF ABUTMENT

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CHAIN LINK FENCE DETAILS

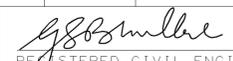
NO SCALE

RSP A85B DATED OCTOBER 19, 2012 SUPERSEDES STANDARD PLAN A85B DATED MAY 20, 2011 - PAGE 114 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP A85B

2010 REVISED STANDARD PLAN RSP A85B

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5,163	R15.7/R16.3, 0.5/3.2	114	119


 REGISTERED CIVIL ENGINEER
 April 19, 2013
 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.

TO ACCOMPANY PLANS DATED 12-09-13

TABLE 1

TAPER LENGTH CRITERIA AND CHANNELIZING DEVICE SPACING							
SPEED (S)	MINIMUM TAPER LENGTH * FOR WIDTH OF OFFSET 12 FEET (W)				MAXIMUM CHANNELIZING DEVICE SPACING		
	TANGENT 2L	MERGING L	SHIFTING L/2	SHOULDER L/3	X	Y	Z **
					TAPER	TANGENT	CONFLICT
mph	ft	ft	ft	ft	ft	ft	ft
20	160	80	40	27	20	40	10
25	250	125	63	42	25	50	12
30	360	180	90	60	30	60	15
35	490	245	123	82	35	70	17
40	640	320	160	107	40	80	20
45	1080	540	270	180	45	90	22
50	1200	600	300	200	50	100	25
55	1320	660	330	220	55	110	27
60	1440	720	360	240	60	120	30
65	1560	780	390	260	65	130	32
70	1680	840	420	280	70	140	35

* - For other offsets, use the following merging taper length formula for L:
 For speed of 40 mph or less, $L = WS^2/60$
 For speed of 45 mph or more, $L = WS$

Where: L = Taper length in feet
 W = Width of offset in feet
 S = Posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph

** - Use for taper and tangent sections where there are no pavement markings or where there is a conflict between existing pavement markings and channelizers (CA).

TABLE 2

LONGITUDINAL BUFFER SPACE AND FLAGGER STATION SPACING				
SPEED *	Min D **	DOWNGRADE Min D ***		
		-3%	-6%	-9%
		ft	ft	ft
mph	ft	ft	ft	ft
20	115	116	120	126
25	155	158	165	173
30	200	205	215	227
35	250	257	271	287
40	305	315	333	354
45	360	378	400	427
50	425	446	474	507
55	495	520	553	593
60	570	598	638	686
65	645	682	728	785
70	730	771	825	891

* - Speed is posted speed limit, off-peak 85th-percentile speed prior to work starting, or the anticipated operating speed in mph
 ** - Longitudinal buffer space or flagger station spacing
 *** - Use on sustained downgrade steeper than -3 percent and longer than 1 mile.

TABLE 3

ADVANCE WARNING SIGN SPACING			
ROAD TYPE	DISTANCE BETWEEN SIGNS *		
	A	B	C
	ft	ft	ft
URBAN - 25 mph OR LESS	100	100	100
URBAN - MORE THAN 25 mph TO 40 mph	250	250	250
URBAN - MORE THAN 40 mph	350	350	350
RURAL	500	500	500
EXPRESSWAY / FREEWAY	1000	1500	2640

* - The distances are approximate, are intended for guidance purposes only, and should be applied with engineering judgment. These distances should be adjusted by the Engineer for field conditions, if necessary, by increasing or decreasing the recommended distances.

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL SYSTEM
 FOR LANE CLOSURE ON
 FREEWAYS AND EXPRESSWAYS**

NO SCALE

RSP T9 DATED APRIL 19, 2013 SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP T9

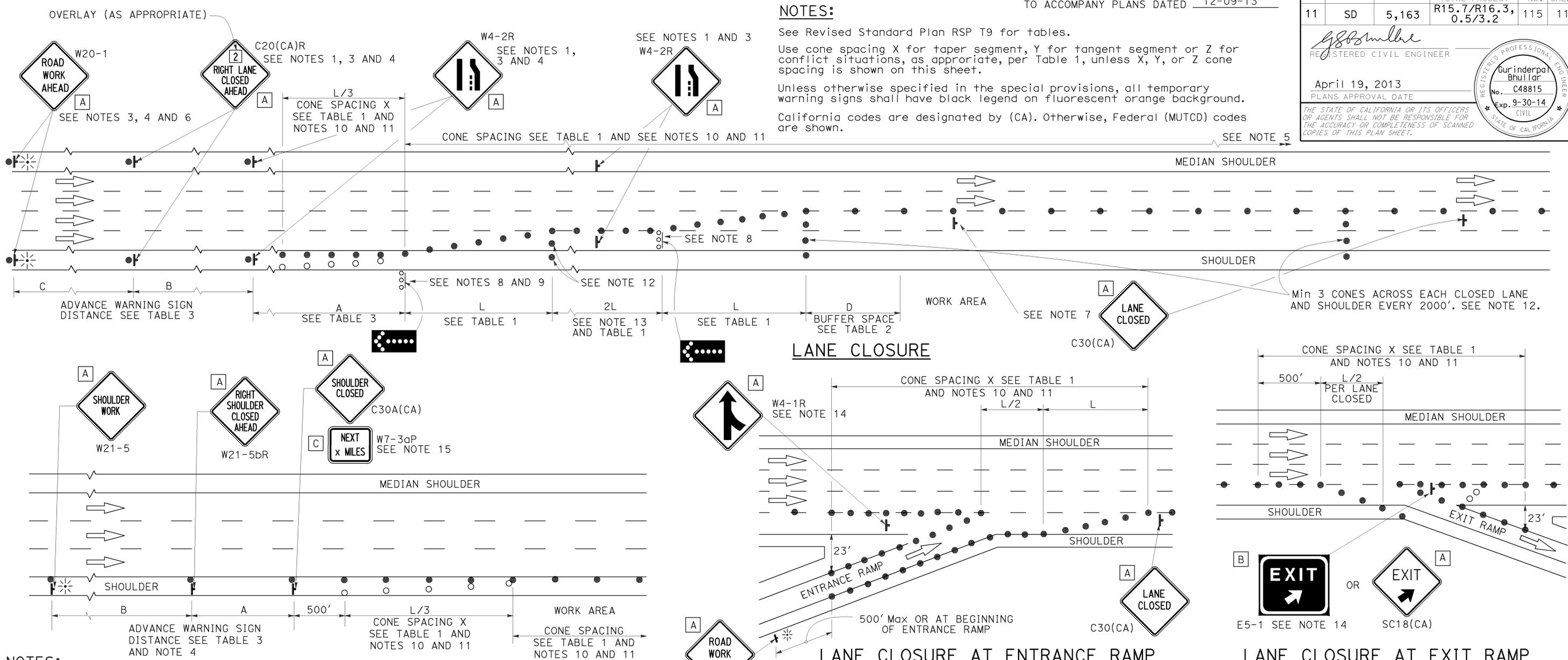
2010 REVISED STANDARD PLAN RSP T9

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5,163	R15.7/R16.3, 0.5/3.2	115	119

REGISTERED CIVIL ENGINEER
 April 19, 2013
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 Gurinderpal Bhullar
 No. C48815
 Exp. 9-30-14
 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:
 See Revised Standard Plan RSP T9 for tables.
 Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.
 Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on fluorescent orange background.
 California codes are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.

- NOTES:**
- Median lane closures shall conform to the details as shown except that C20(CA)L and W4-2L signs shall be used.
 - At least one person shall be assigned to provide full time maintenance of traffic control devices for lane closures.
 - Duplicate sign installations are not required:
 - On opposite shoulder if at least one-half of the available lanes remain open to traffic.
 - In the median if the width of the median shoulder is less than 8' and the outside lanes are to be closed.
 - Each advance warning sign on each side of the roadway shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness.
 - A G20-2 "END ROAD WORK" sign, with minimum size of 48" x 24" as appropriate, shall be placed at the end of the lane closure unless the end of work area is obvious or ends within a larger project's limits.

- SHOULDER CLOSURE**
- If the W20-1 sign would follow within 2000' of a stationary W20-1 or G20-1 "ROAD WORK NEXT x MILES", use a C20(CA) sign for the first advance warning sign.
 - Place a C30(CA) sign every 2000' throughout length of lane closure.
 - One flashing arrow sign for each lane closed. The flashing arrow signs shall be Type I.
 - A minimum 1500' of sight distance shall be provided where possible for vehicles approaching the first flashing arrow sign. Lane closures shall not begin at top of crest vertical curve or on a horizontal curve.
 - All cones used for lane closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
 - Portable delineators, placed at one-half the spacing indicated for traffic cones may be used instead of cones for daytime closures only.

- Unless otherwise specified in the special provisions, a minimum of 3 cones shall be placed transversely across each closed lane and shoulder at each location where a taper across a traffic lane ends and every 2000' as shown on the "Lane Closure" detail. Two Type II barricades may be used instead of the 3 cones. The transverse alignment of the cones or barricades on the closed shoulder may be shifted from the transverse alignment to provide access to the work.
- Unless otherwise specified in the special provisions, the 2L tangent shown along lane lines shall be used between the L tapers required for each closed traffic lane.
- Unless otherwise specified in the special provisions, the E5-1 or SC18(CA) and W4-1 signs shall be used as shown.
- A W7-3aP "NEXT x MILES" plaque must be used if the shoulder closure extends beyond the distance that can be perceived by road users.

LEGEND

- TRAFFIC CONE
- TRAFFIC CONE (OPTIONAL TAPER)
- † TEMPORARY TRAFFIC CONTROL SIGN
- ⬢ FLASHING ARROW SIGN (FAS)
- ⬢ FAS SUPPORT OR TRAILER
- ☼ PORTABLE FLASHING BEACON

SIGN PANEL SIZE (Min)

A	48" x 48"
B	72" x 60"
C	36" x 30"

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL SYSTEM
 FOR LANE CLOSURE ON
 FREEWAYS AND EXPRESSWAYS**

NO SCALE

RSP T10 DATED APRIL 19, 2013 SUPERSEDES STANDARD PLAN T10
 DATED MAY 20, 2011 - PAGE 237 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP T10

2010 REVISED STANDARD PLAN RSP T10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5,163	R15.7/R16.3, 0.5/3.2	116	119

REGISTERED CIVIL ENGINEER
 Gurinderpal Bhullar
 No. C48815
 Exp. 9-30-14
 CIVIL
 STATE OF CALIFORNIA

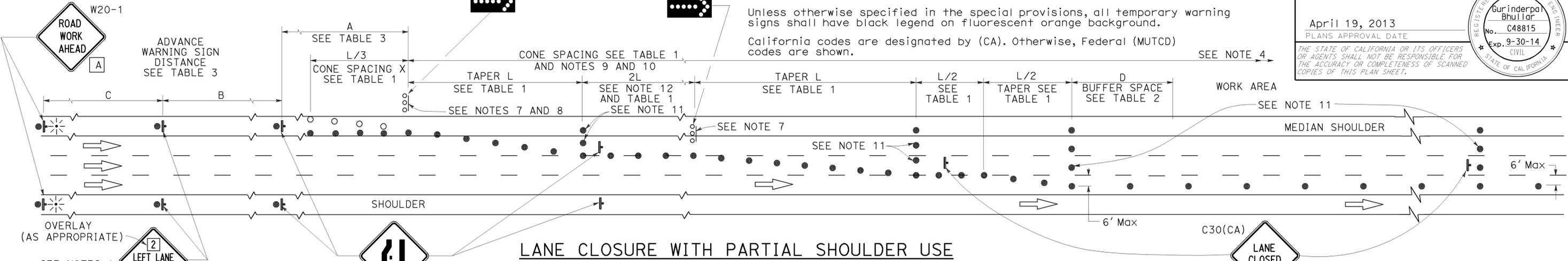
April 19, 2013
 PLANS APPROVAL DATE

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: See Revised Standard Plan RSP T9 for tables.
 Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.

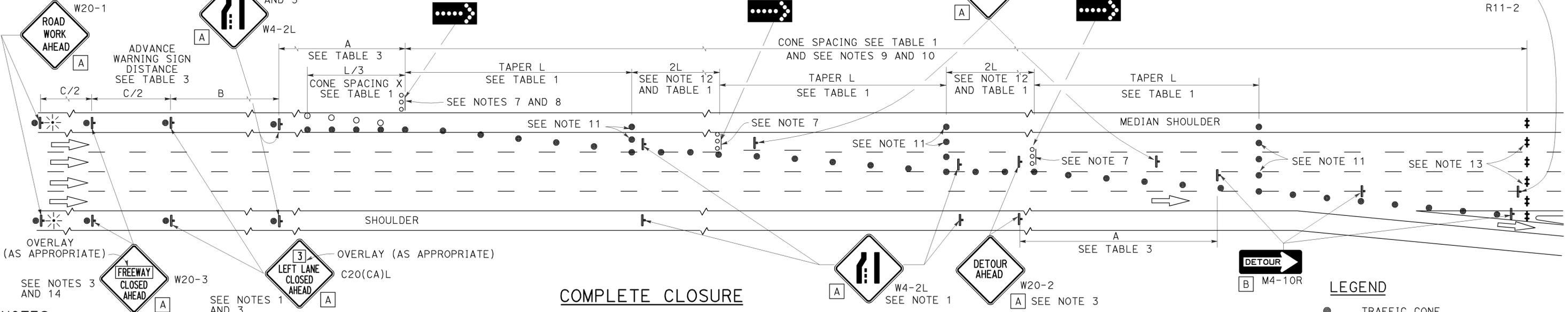
Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on fluorescent orange background.
 California codes are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.

SEE NOTES 3 AND 5



LANE CLOSURE WITH PARTIAL SHOULDER USE

SEE NOTES 3 AND 5



COMPLETE CLOSURE

NOTES:

- Lane closures on the right side using partial median shoulder as a traffic lane shall conform to the details as shown except that C20(CA)R and W4-2R signs shall be used.
- At least one person shall be assigned to provide full time maintenance of traffic control devices for lane closures.
- Each advance warning sign on each side of the roadway shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" X 16" in size and shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness.
- A G20-2 "END ROAD WORK" sign, with minimum size of 48" x 24" as appropriate, shall be placed at the end of the lane closure unless the end of work area is obvious or ends within a larger project's limits.
- If the W20-1 sign would follow within 2000' of a stationary W20-1 or G20-1 "ROAD WORK NEXT ___ MILES", use a C20(CA) sign for the first advance warning sign.
- Place a C30(CA) sign every 2000' throughout length of lane closure.
- One flashing arrow sign for each lane closed. The flashing arrow signs shall be Type I.
- A minimum 1500' of sight distance shall be provided where possible for vehicles approaching the first flashing arrow sign. Lane closures shall not begin at the top of crest vertical curve or on a horizontal curve.
- All cones used for lane closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
- Portable delineators, placed at one-half the spacing indicated for traffic cones, may be used instead of cones for daytime closures only.
- Unless otherwise specified in the special provisions, a minimum of 3 cones shall be placed transversely across each closed lane and shoulder at each location where a taper across a traffic lane ends and every 2000' as shown on the "Lane Closure With Partial Shoulder Use" detail. Two Type II barricades may be used instead of the 3 cones. The transverse alignment of the cones or barricades on the closed shoulder may be shifted from the transverse alignment to provide access to the work.
- Unless otherwise specified in the special provisions, the 2L tangent shown along lane lines shall be used between the L tapers required for each closed traffic lane.
- A minimum of Two Type II or III barricades shall be placed across each closed lane and shoulder at the location shown and every 2000' within the complete closure area. Within the complete closure area, the transverse alignment of the barricades on the closed shoulder may be shifted from the transverse alignment to provide access to the work.
- When specified in the special provisions, a W20-2 "DETOUR AHEAD" sign is to be used in place of the W20-3 "FREEWAY CLOSED AHEAD" sign.

SIGN PANEL SIZE (Min)

- A 48" x 48"
- B 48" x 18"
- C 48" x 30"

LEGEND

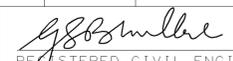
- TRAFFIC CONE
- TRAFFIC CONE (OPTIONAL TAPER)
- † TEMPORARY TRAFFIC CONTROL SIGN
- FLASHING ARROW SIGN (FAS)
- FAS SUPPORT OR TRAILER
- ⚡ PORTABLE FLASHING BEACON

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM
 FOR LANE CLOSURES ON
 FREEWAYS AND EXPRESSWAYS**
 NO SCALE

RSP T10A DATED APRIL 19, 2013 SUPERSEDES STANDARD PLAN T10A DATED MAY 20, 2011 - PAGE 238 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP T10A

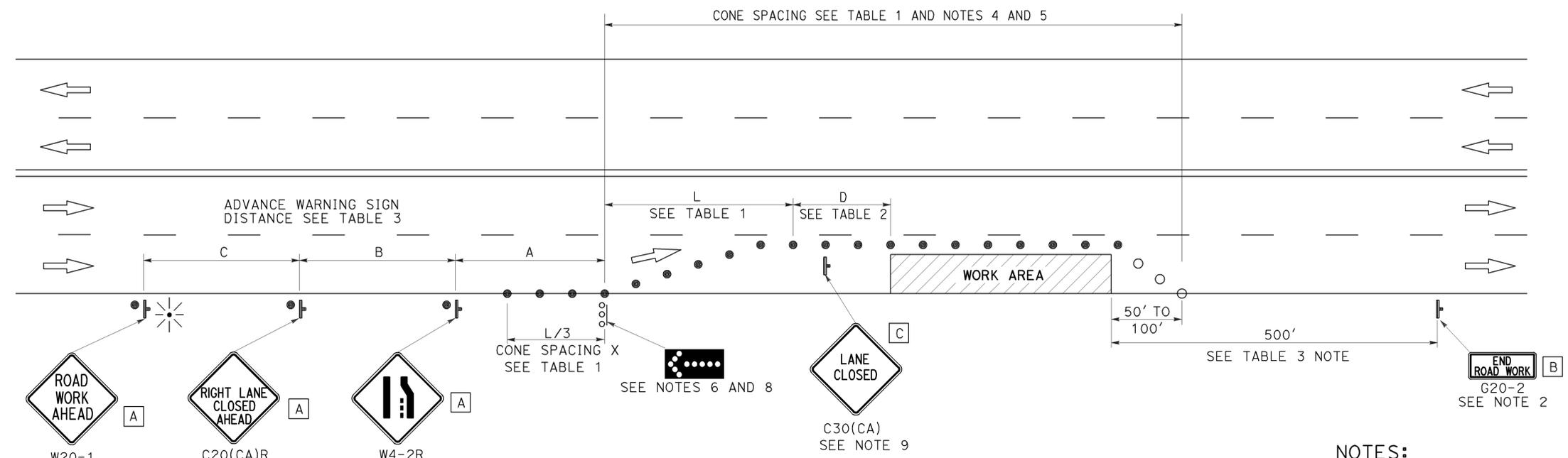
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5,163	R15.7/R16.3, 0.5/3.2	117	119


 REGISTERED CIVIL ENGINEER
 April 19, 2013
 PLANS APPROVAL DATE



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TO ACCOMPANY PLANS DATED 12-09-13



TYPICAL LANE CLOSURE

NOTES:

- See Revised Standard Plan RSP T9 for tables.
- Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.
- Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on fluorescent orange background.
- California codes are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.

NOTES:

- Each advance warning sign shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. Flashing beacons shall be placed at the locations indicated for lane closure during hours of darkness.
- A G20-2 "END ROAD WORK" sign, as appropriate, shall be placed at the end of the lane closure unless the end of work area is obvious, or ends within a larger project's limits.
- If the W20-1 sign would follow within 2000' of a stationary W20-1 or G20-1 "ROAD WORK NEXT _____ MILES", use a C20(CA) sign for the first advance warning sign.
- All cones used for lane closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
- Portable delineators, placed at one-half the spacing indicated for traffic cones, may be used instead of cones for daytime closures only.
- Flashing arrow sign shall be either Type I or Type II.
- For approach speeds over 50 mph, use the "Traffic Control System for Lane Closure On Freeways And Expressways" plan for lane closure details and requirements.
- A minimum 1500' of sight distance shall be provided where possible for vehicles approaching the first flashing arrow sign. Lane closures shall not begin at the top of crest vertical curve or on a horizontal curve.
- Place a C30(CA) sign every 2000' throughout length of lane closure.
- Median lane closures shall conform to the details as shown except that C20(CA)L and W4-2L signs shall be used.
- At least one person shall be assigned to provide full time maintenance of traffic control devices for lane closure unless, otherwise directed by the Engineer.

LEGEND

- TRAFFIC CONE
- TRAFFIC CONE (OPTIONAL TAPER)
- ⌋ TEMPORARY TRAFFIC CONTROL SIGN
-  FLASHING ARROW SIGN (FAS)
-  FAS SUPPORT OR TRAILER
-  PORTABLE FLASHING BEACON

SIGN PANEL SIZE (Min)

- A 48" x 48"
- B 36" x 18"
- C 30" x 30"

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM
 FOR LANE CLOSURE ON
 MULTILANE CONVENTIONAL
 HIGHWAYS**

NO SCALE

RSP T11 DATED APRIL 19, 2013 SUPERSEDES STANDARD PLAN T11 DATED MAY 20, 2011 - PAGE 239 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP T11

2010 REVISED STANDARD PLAN RSP T11

TYPICAL RAMP CLOSURES

SIGN PANEL SIZE (Min)

- A 48" x 48"
- B 48" x 30"
- C 36" x 36"
- D 48" x 36"

LEGEND

- TRAFFIC CONE
- † TEMPORARY TRAFFIC CONTROL SIGN
- ‡ BARRICADES
- ⚡ PORTABLE FLASHING BEACON

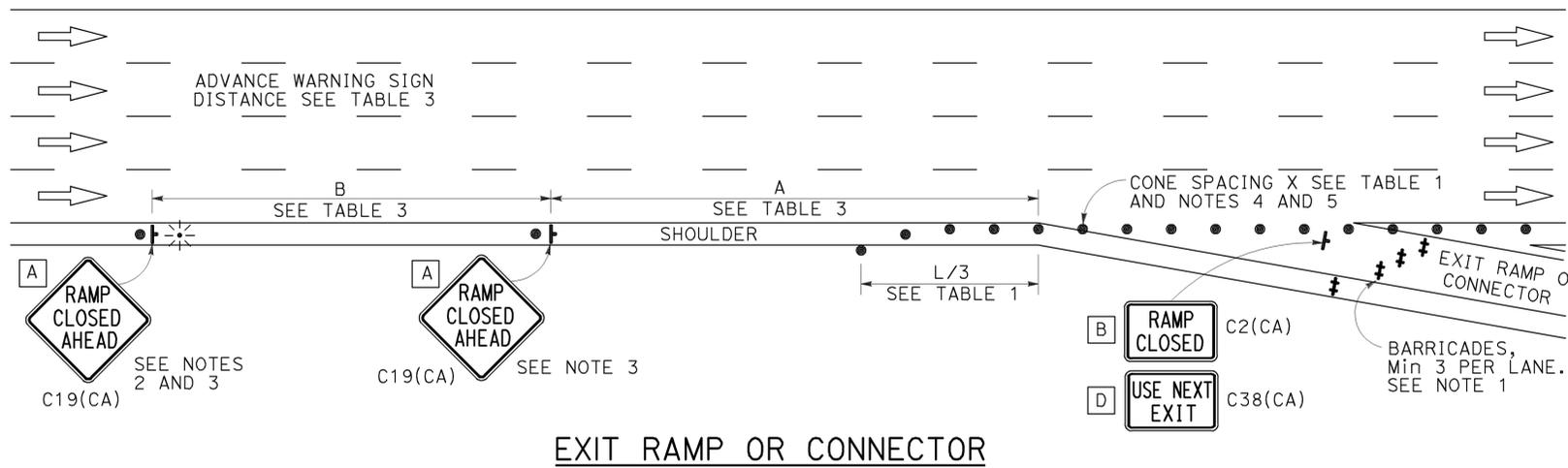
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	5,163	R15.7/R16.3, 0.5/3.2	118	119

Gurinderpal Bhullar
 REGISTERED CIVIL ENGINEER
 April 19, 2013
 PLANS APPROVAL DATE

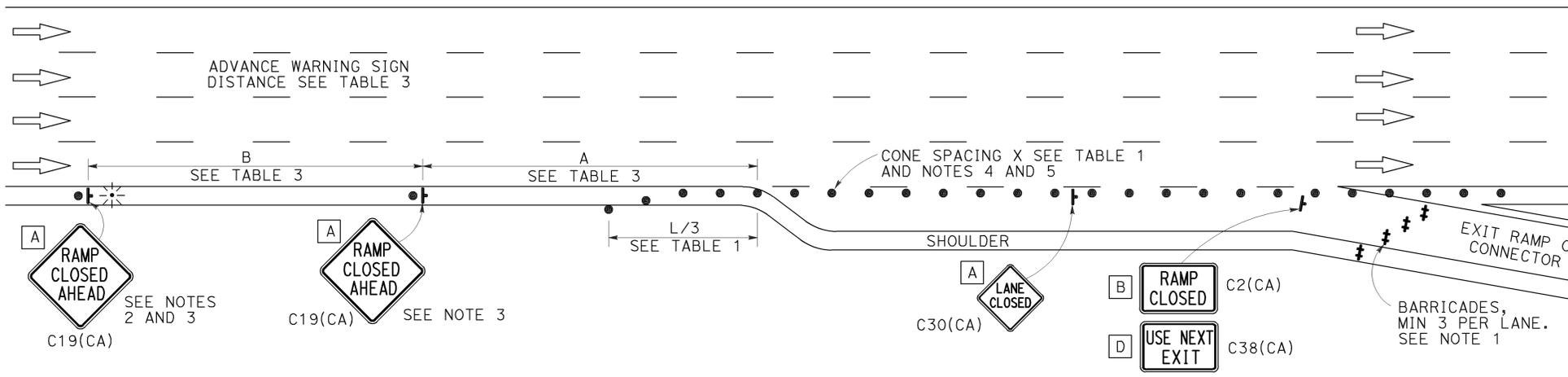
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

TO ACCOMPANY PLANS DATED 12-09-13

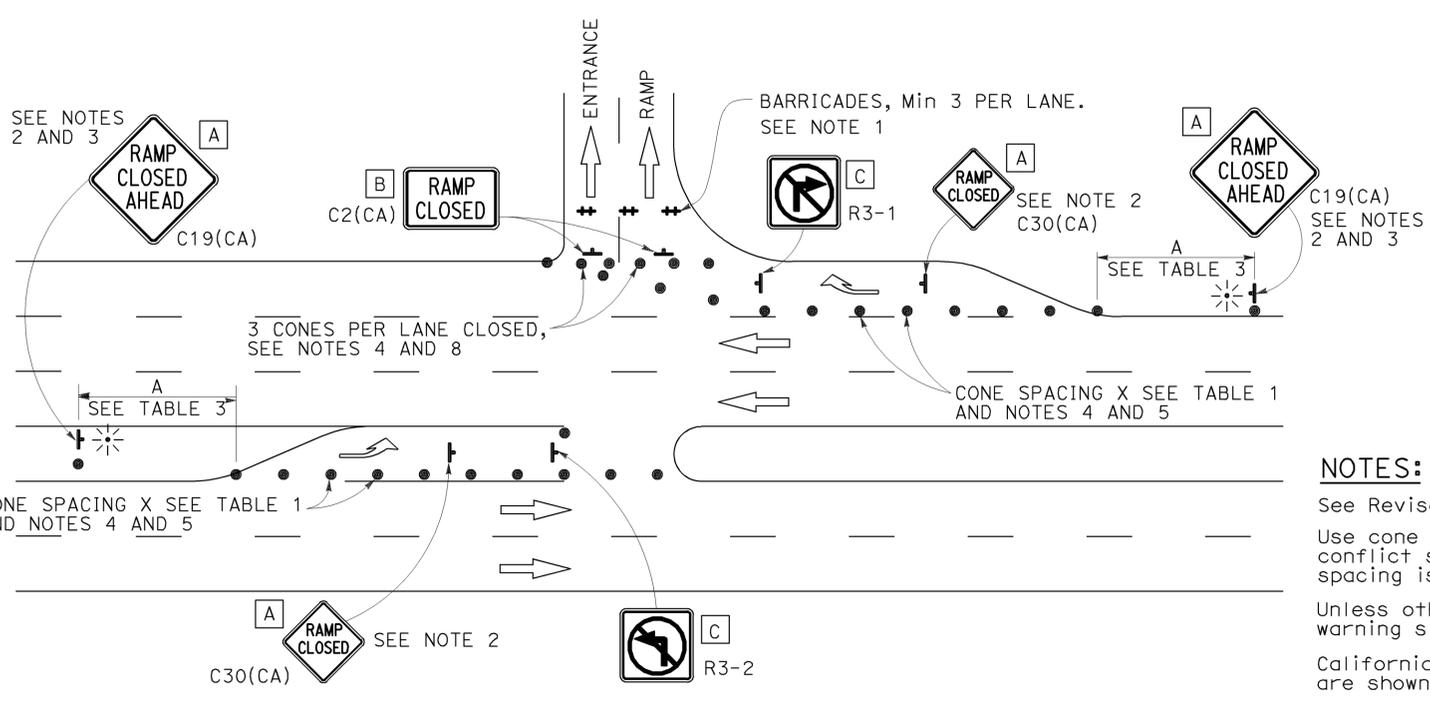
2010 REVISED STANDARD PLAN RSP T14



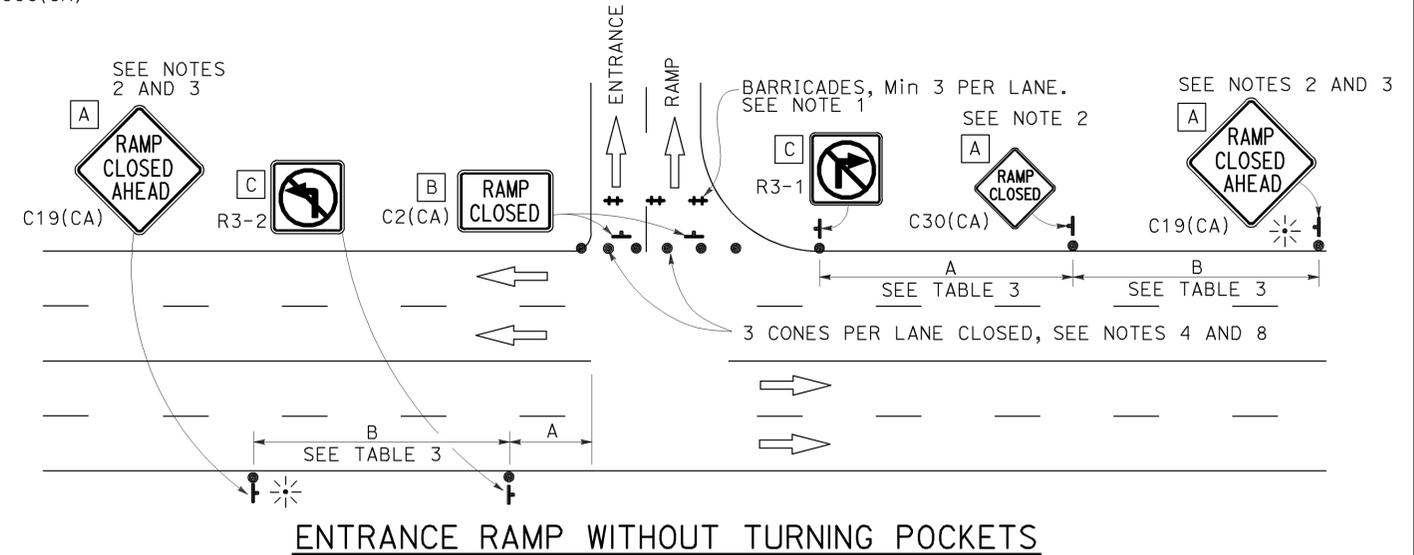
EXIT RAMP OR CONNECTOR



EXIT RAMP OR CONNECTOR WITH ADDITIONAL LANE



ENTRANCE RAMP WITH TURNING POCKETS



ENTRANCE RAMP WITHOUT TURNING POCKETS

NOTES:

1. See Revised Standard Plan RSP T9 for tables.
2. Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.
3. Unless otherwise specified in the special provisions, all temporary warning signs shall have black legend on fluorescent orange background.
4. California codes are designated by (CA). Otherwise, Federal (MUTCD) codes are shown.

NOTES:

1. Barricades shall be Type I, II, or III for closures lasting one week or less and Type III for closures lasting longer than one week.
2. In addition to placing the C19(CA) "RAMP CLOSED AHEAD" and C30(CA) "RAMP CLOSED" signs, black on orange overlay plates with the word "CLOSED" may be mounted, as directed by the Engineer, on all guide signs that refer to the closed ramp. The letter size on the overlay shall be the same as the guide sign.
3. Each advance C19(CA) "RAMP CLOSED AHEAD" sign shall be equipped with at least two flags for daytime closure. Each flag shall be at least 16" x 16" in size and shall be orange or fluorescent red-orange in color. A flashing beacon shall be placed on top of the first C19(CA) sign during hours of darkness.
4. All cones used for ramp closures during the hours of darkness shall be fitted with retroreflective bands (or sleeves) as specified in the specifications.
5. Portable delineators, placed at one-half the spacing indicated for traffic cones, may be used instead of cones for daytime ramp closures only.
6. At least one person shall be assigned to provide full time maintenance of traffic control devices, unless otherwise directed by the Engineer.
7. The existing "EXIT" signs shall be covered during ramp closures.
8. A minimum of 3 cones shall be placed transversely across each closed lane and shoulder.

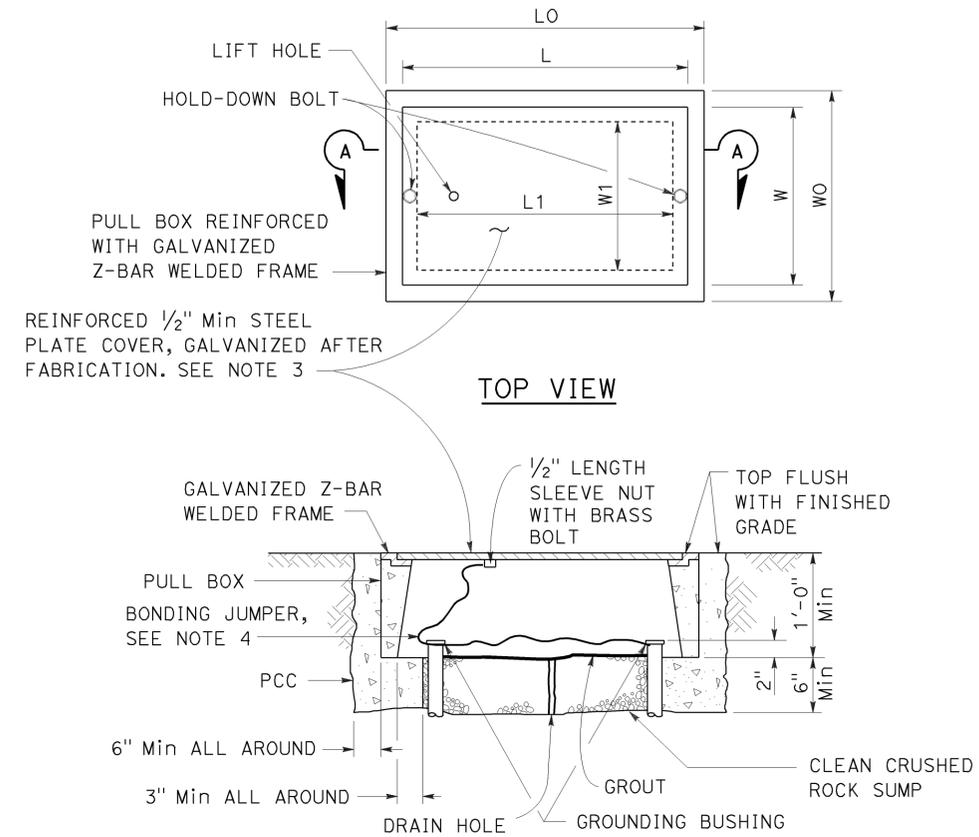
STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**TRAFFIC CONTROL SYSTEM
 FOR RAMP CLOSURE**
 NO SCALE

RSP T14 DATED APRIL 19, 2013 SUPERSEDES STANDARD PLAN T14
 DATED MAY 20, 2011 - PAGE 242 OF THE STANDARD PLANS BOOK DATED 2010.
REVISED STANDARD PLAN RSP T14

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
11	SD	5,163	R15.7/R16.3, 0.5/3.2	119	119

Jeffrey G. McRae
 REGISTERED ELECTRICAL ENGINEER
 January 20, 2012
 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.



**No. 3 1/2(T), No. 5(T) AND
 No. 6(T) TRAFFIC PULL BOX**

NOTES ON PULL BOXES:

- Traffic pull box shall be provided with steel cover and special concrete footing. Steel cover shall have embossed non-skid pattern.
- Steel reinforcing shall be as regularly used in the standard products of the respective manufacturer.
- Pull box covers must be marked as follows: "SERVICE" Service circuits between service point and service disconnect; "SPRINKLER-CONTROL" Sprinkler control circuits, 50 V or less; "CALTRANS" On all pull boxes, except pull boxes marked "SPRINKLER-CONTROL"; and "TELEPHONE" Telephone service.
 - No. 3 1/2(T) pull box.
 - "SIGNAL" - Traffic signal circuits with or without street or sign lighting circuits.
 - "ST LIGHTING" - Street or sign lighting circuits where voltage is under 600 V.
 - No. 5(T) or 6(T) pull box.
 - "TRAFFIC SIGNAL" - Traffic signal circuits with or without street or sign lighting circuits.
 - "STREET LIGHTING" - Street or sign lighting circuits where voltage is under 600 V.
 - "STREET LIGHTING-HIGH VOLTAGE" - Street or sign lighting circuits where voltage is above 600 V.
 - "IRRIGATION" - Circuits to irrigation controller 120 V or more.
 - "RAMP METER" - Ramp meter circuits.
 - "COUNT STATION" - Count or speed monitor circuits.
 - "COMMUNICATION" - Communication circuits.
 - "TOS COMMUNICATIONS" - TOS communications line.
 - "TOS POWER" - TOS power.
 - "TDC POWER" - Telephone demarcation cabinet power.
 - "CCTV" - Closed circuit television circuits.
 - "TMS" - Traffic monitoring station circuits.
 - "CMS" - Changeable message sign circuits.
 - "HAR" - Highway advisory radio circuits.
- Bonding jumper for metal covers shall be 3' long, minimum.
- The nominal dimensions of the opening in which the cover sets must be the same as the cover dimensions except the length and width dimensions shall be 1/8" greater.
- Covers and boxes must be interchangeable with California standard male and female gages. When interchanged with a standard male or female gage, the top surfaces must be flush within 1/8".

TO ACCOMPANY PLANS DATED 12-09-13

PULL BOX	DIMENSION TABLE											
	MINIMUM * THICKNESS	MINIMUM DEPTH BOX AND EXTENSION	BOX				COVER					
			W0	L0	L1	W1	L **	W **	R	EDGE THICKNESS	EDGE TAPER	
No. 3 1/2(T)	1 1/2"	1'-0"	1'-5"± 1"	1'-8 7/8"±	1'-2 1/2"±	10 5/8"± 1"	1'-8"±	1'-1 3/4"±	0"	1/2"	NONE	
No. 5(T)	1 3/4"	1'-0"	1'-11 1/2"± 1"	2'-5 1/2"±	1'-7"±	1'-1"± 1"	2'-3"±	1'-4"±	0"	1/2"	NONE	
No. 6(T)	2"	1'-0"	2'-6"± 1"	2'-11 1/2"±	1'-11 1/2"±	1'-5"± 1"	2'-9"±	1'-8"±	0"	1/2"	NONE	

* EXCLUDING CONDUIT WEB ** TOP DIMENSION

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION
**ELECTRICAL SYSTEMS
 (TRAFFIC RATED PULL BOX)**
 NO SCALE

RSP ES-8B DATED JANUARY 20, 2012 SUPPLEMENTS THE STANDARD PLANS BOOK DATED 2010.

2010 REVISED STANDARD PLAN RSP ES-8B