

INDEX OF PLANS

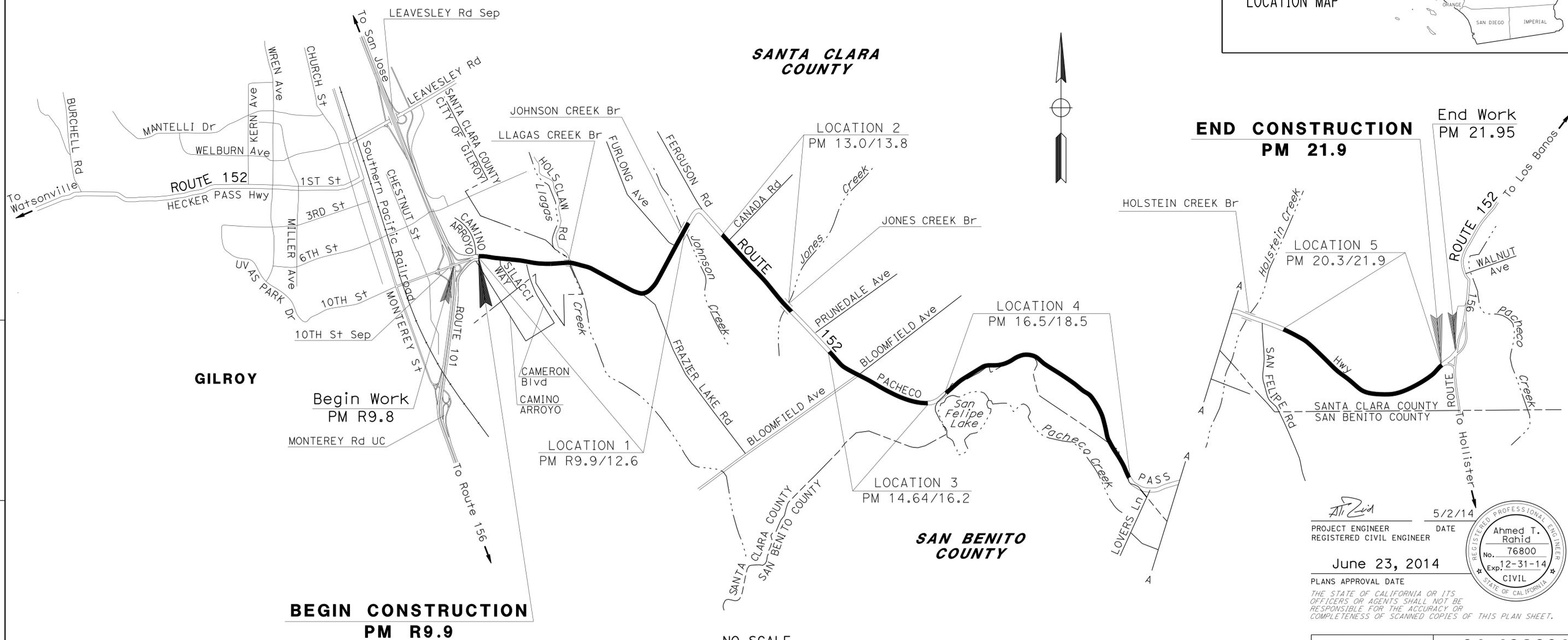
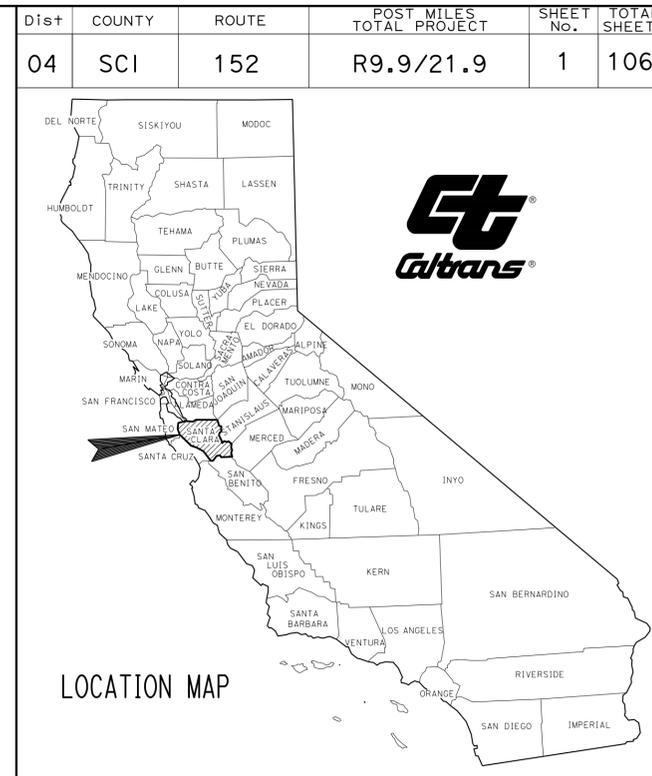
SHEET NO.	DESCRIPTION
1	TITLE SHEET AND LOCATION MAP
2	TYPICAL CROSS SECTIONS
3 - 35	LAYOUT
36 - 37	CONSTRUCTION DETAILS
38 - 44	TEMPORARY WATER POLLUTION CONTROL PLAN AND QUANTITIES
45 - 48	CONSTRUCTION AREA SIGNS
49 - 85	PAVEMENT DELINEATION PLAN, DETAILS AND QUANTITIES
86	SUMMARY OF QUANTITIES
87 - 93	ELECTRICAL PLANS AND QUANTITIES
94 - 106	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 CLARA COUNTY
IN AND NEAR GILROY AT VARIOUS LOCATIONS
FROM ROUTE 101/152 INTERCHANGE
TO ROUTE 152/156 INTERCHANGE

TO BE SUPPLEMENTED BY STANDARD PLANS DATED 2010

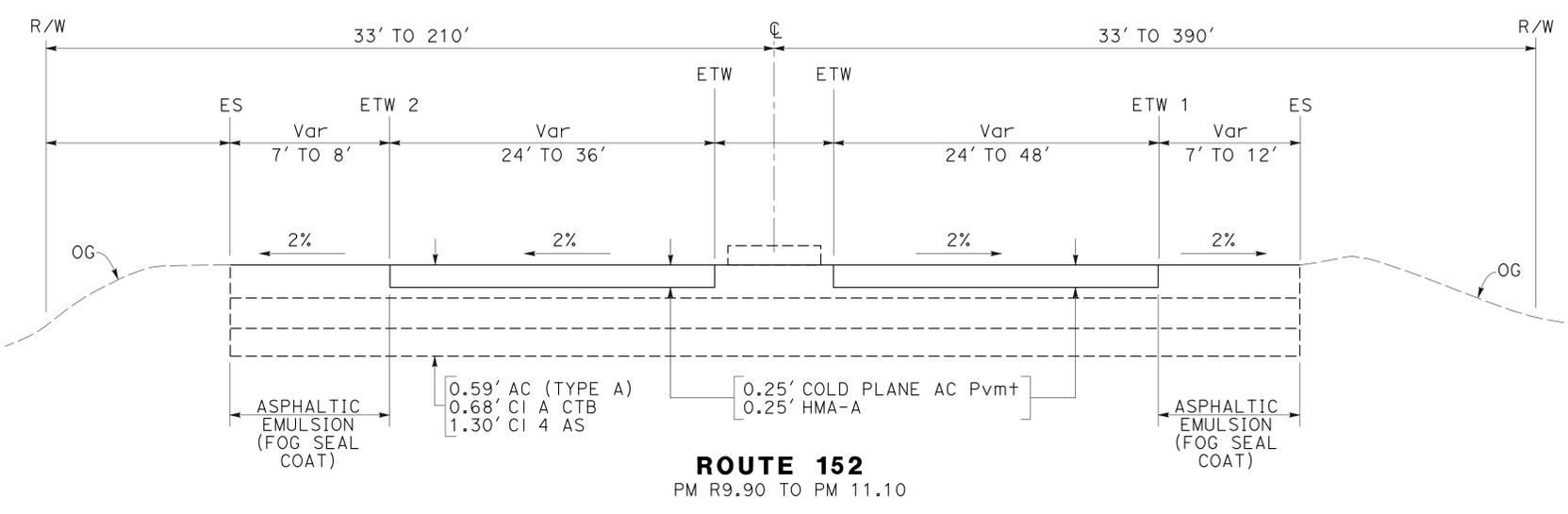
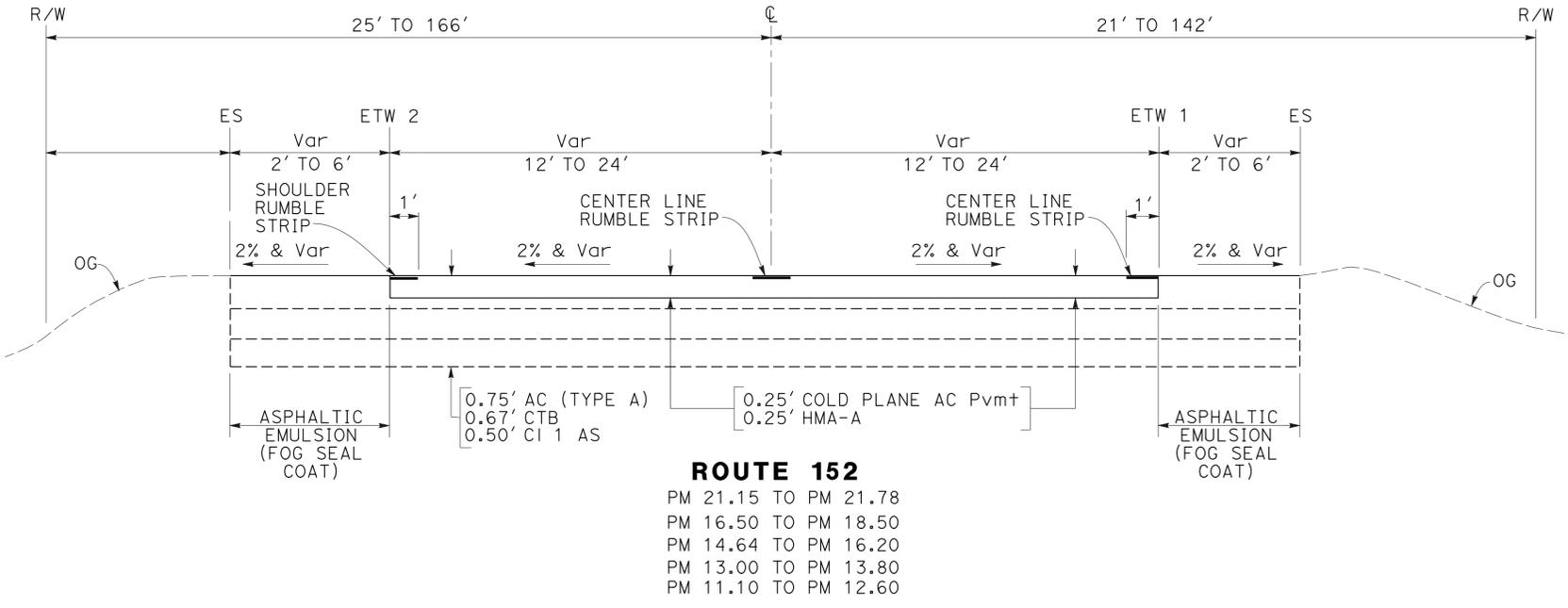
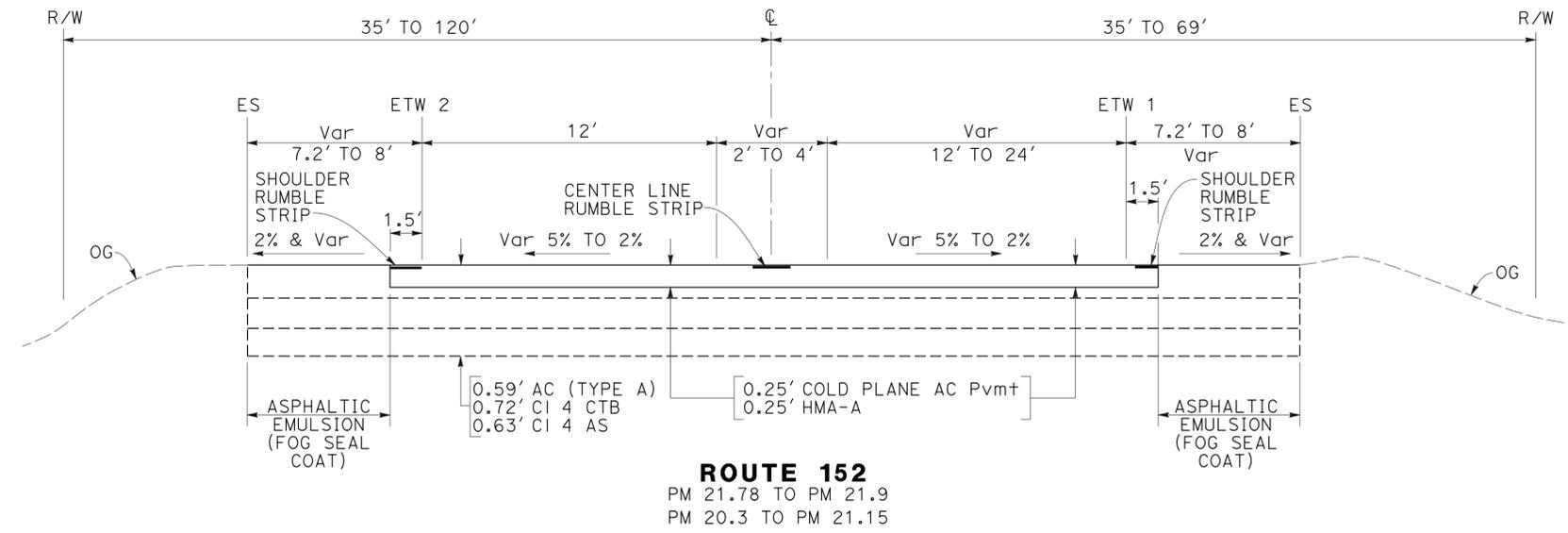
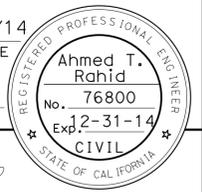


PROJECT MANAGER	FARIBA ZOHOURY
DESIGN MANAGER	GHULAM POPAL

PROJECT ENGINEER REGISTERED CIVIL ENGINEER
 DATE 5/2/14
 June 23, 2014
 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.

CONTRACT No.	04-4C2004
PROJECT ID	0412000146

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	2	106
			5/2/14		
REGISTERED CIVIL ENGINEER			DATE		
			6-23-14		
			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.					



NOTE:
1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.

ABBREVIATION:
HMA-A HOT MIX ASPHALT (TYPE A)

TYPICAL CROSS SECTIONS
NO SCALE

X-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CHECKED BY: AHMED RAHID
 CALVIN TRAN
 REVISOR: AR
 DATE: 4/28/14

LAST REVISION DATE PLOTTED => 21-JUL-2014
06-02-14 TIME PLOTTED => 10:32

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	REVISOR	DATE
Caltrans	GHULAM POPAL	AR	4/28/14
DESIGN	CHECKED BY	REVISOR	DATE
		AR	4/28/14

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

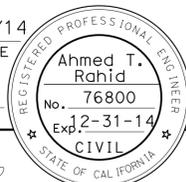
LEGEND:

-  COLD PLANE / PLACE HOT MIX ASPHALT (TYPE A)
-  STAGING AREAS
-  TEMPORARY FENCE (TYPE WILDLIFE EXCLUSION)
-  —x—ESA—x— ENVIRONMENTALLY SENSITIVE AREA LIMITS

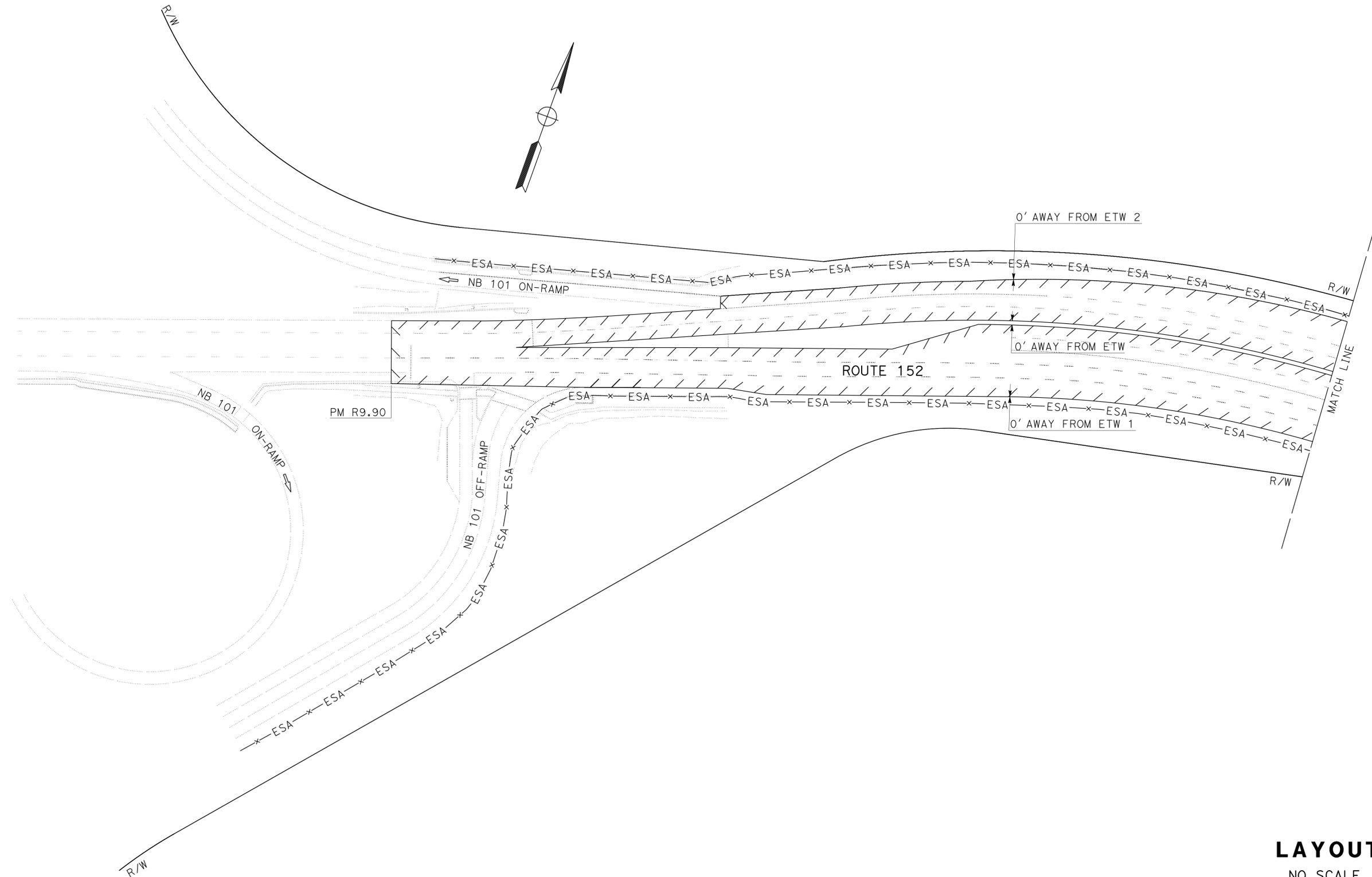
NOTES:

- EXACT LOCATIONS OF THE TEMPORARY FENCE (TYPE WILDLIFE EXCLUSION) WILL BE DETERMINED BY THE ENGINEER.
- EXTEND TEMPORARY FENCE (TYPE WILDLIFE EXCLUSION) 100' BEYOND STAGING AREAS WHERE SHOWN ONLY.
- SEE TYPICAL CROSS SECTION SHEET FOR ASPHALTIC EMULSION (FOG SEAL COAT) APPLICATION LIMITS.
- ANY AREA BEYOND EDGE OF SHOULDER WILL BE CONSIDERED AS ESA. STAGING AREAS FROM 1' TO 8' WILL NOT BE CONSIDERED AS ESA.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	3	106
			REGISTERED CIVIL ENGINEER	DATE	
			6-23-14	5/2/14	
			PLANS APPROVAL DATE		

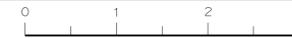


THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



LAYOUT
NO SCALE

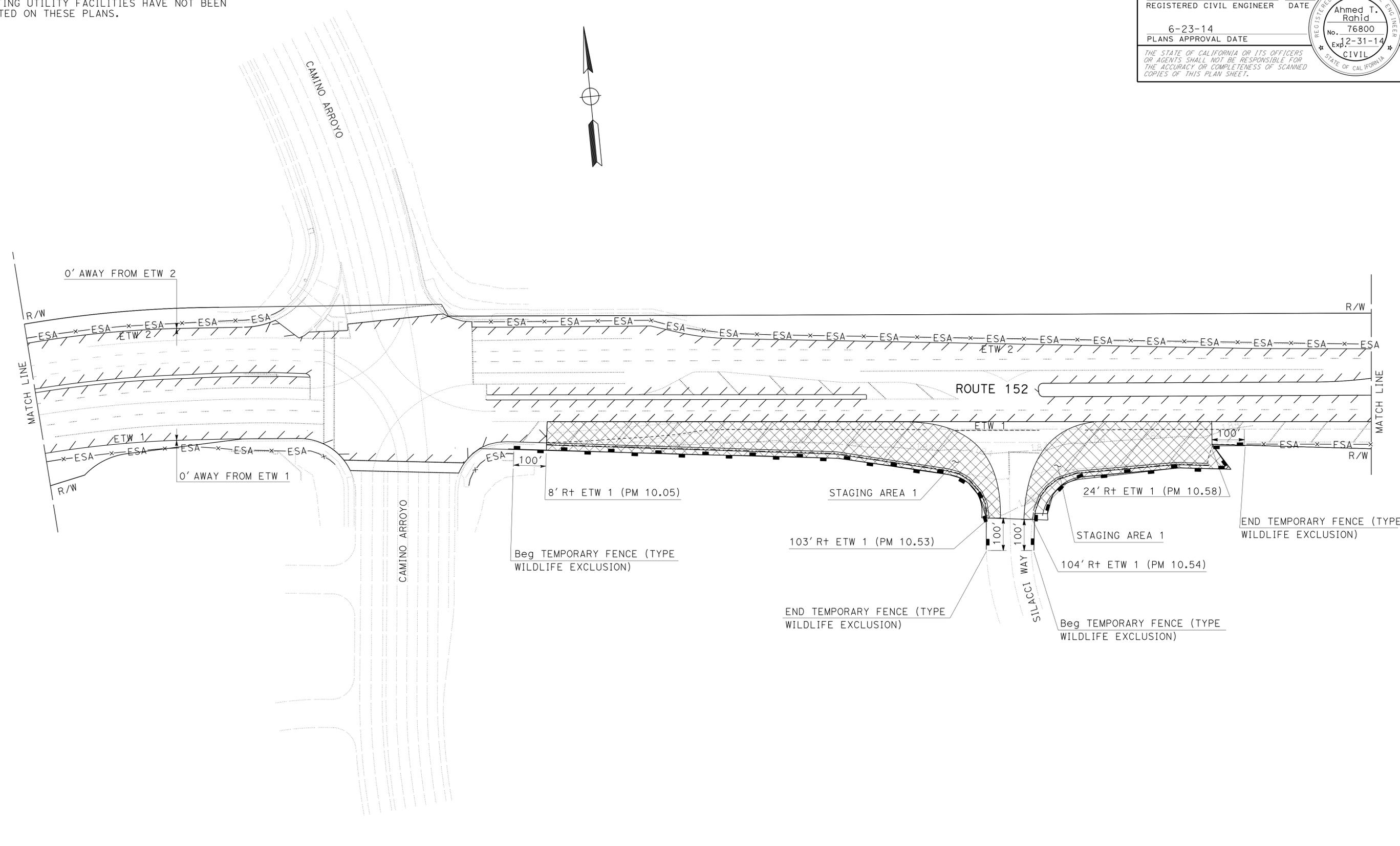
L-1



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	4	106
			5/2/14	DATE	
REGISTERED CIVIL ENGINEER			Ahmed T. Rahid		
6-23-14			PLANS APPROVAL DATE		
			No. 76800		
			Exp. 2-31-14		
			CIVIL		
<small>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.</small>					

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	GHULAM POPAL
CALCULATED/DESIGNED BY	CHECKED BY
AHMED RAHID	CALVIN TRAN
REVISED BY	DATE REVISED
AR	4/28/14

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

L-2

FUNCTIONAL SUPERVISOR	GHULAM POPAL
CALCULATED/DESIGNED BY	CHECKED BY
AMHED RAHID	CALVIN TRAN
REVISOR	DATE
AR	4/28/14

NOTES:

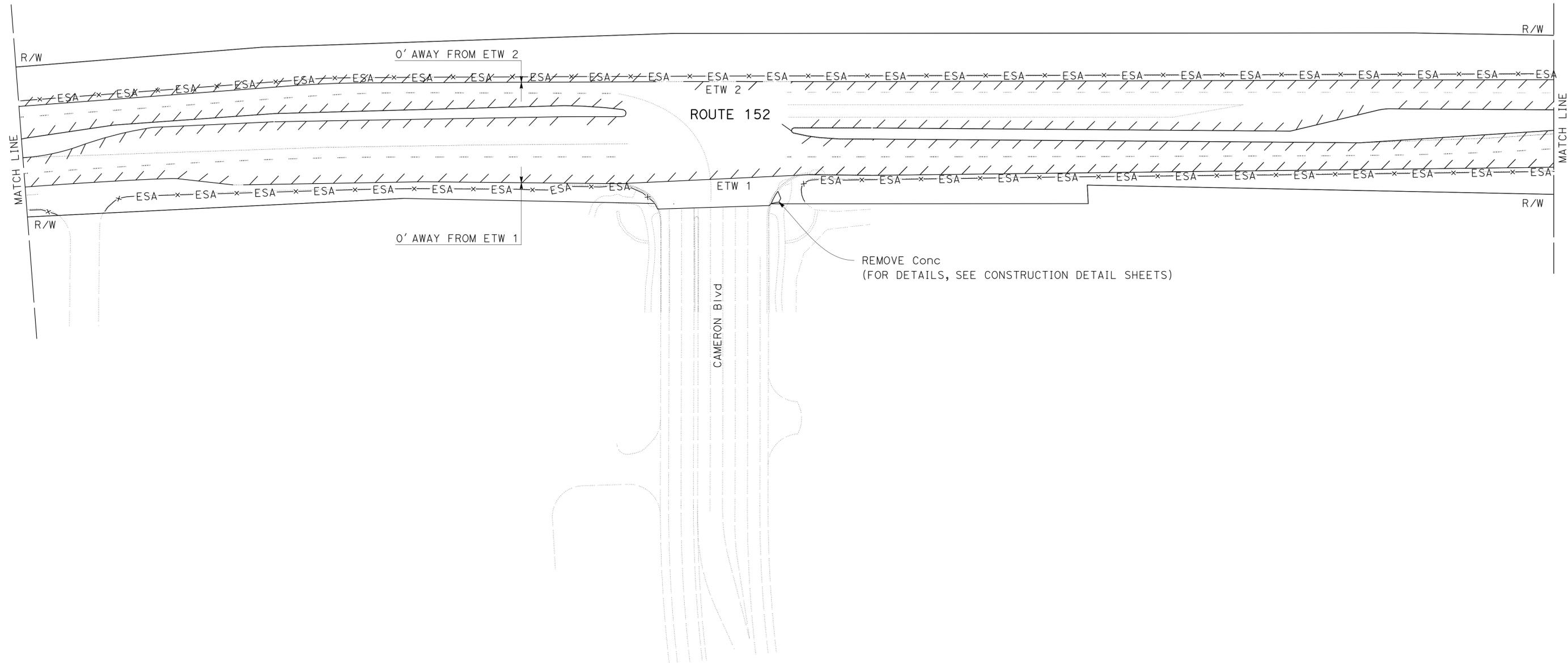
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	5	106
			REGISTERED CIVIL ENGINEER	DATE	
			6-23-14	5/2/14	
			PLANS APPROVAL DATE		

Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 CIVIL

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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

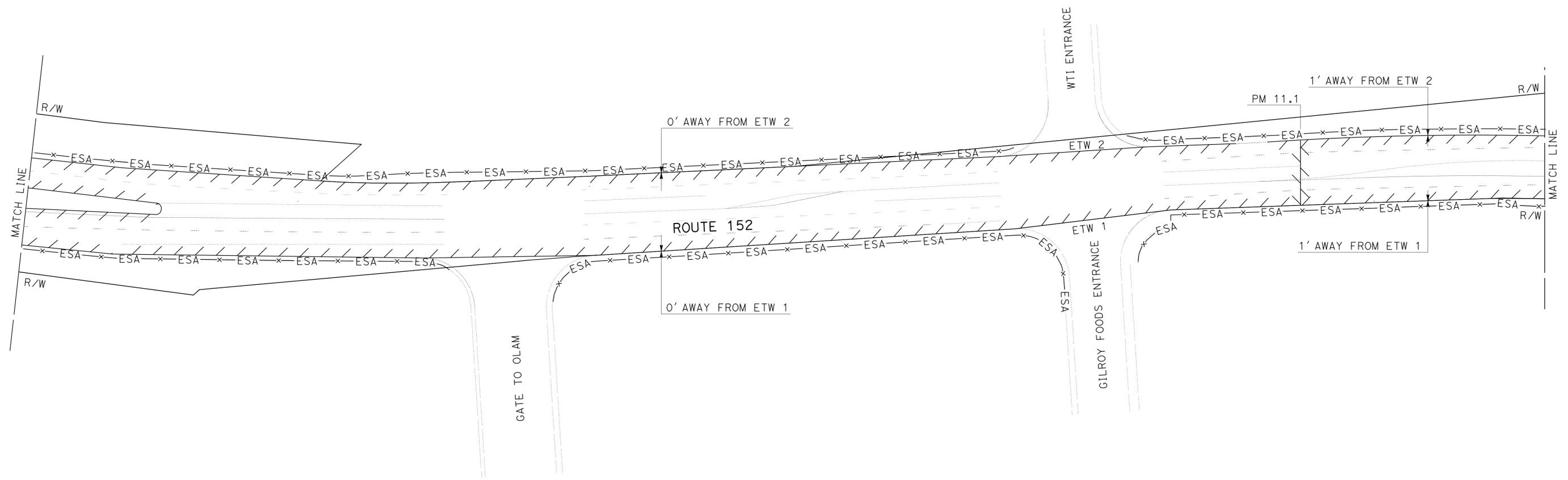
L-3

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	6	106

REGISTERED CIVIL ENGINEER *Ahmed T. Rahid* DATE 5/2/14
 No. 76800
 Exp. 2-31-14
 CIVIL
 PLANS APPROVAL DATE 6-23-14
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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
 NO SCALE

L-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: AHMED RAHID
 CHECKED BY: CALVIN TRAN
 REVISED BY: AR
 DATE REVISED: 4/28/14

NOTES:

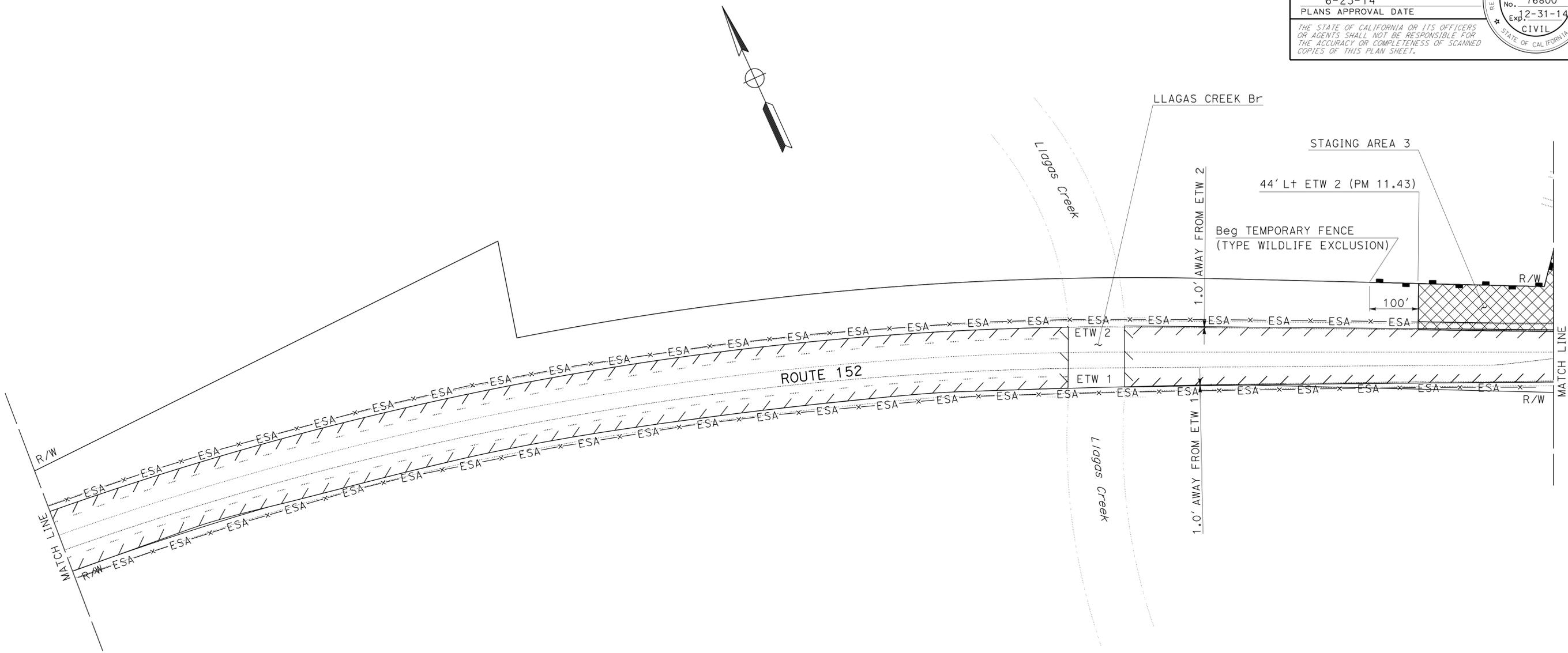
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	7	106

REGISTERED CIVIL ENGINEER: Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 CIVIL

DATE: 5/2/14
 PLANS APPROVAL DATE: 6-23-14

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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

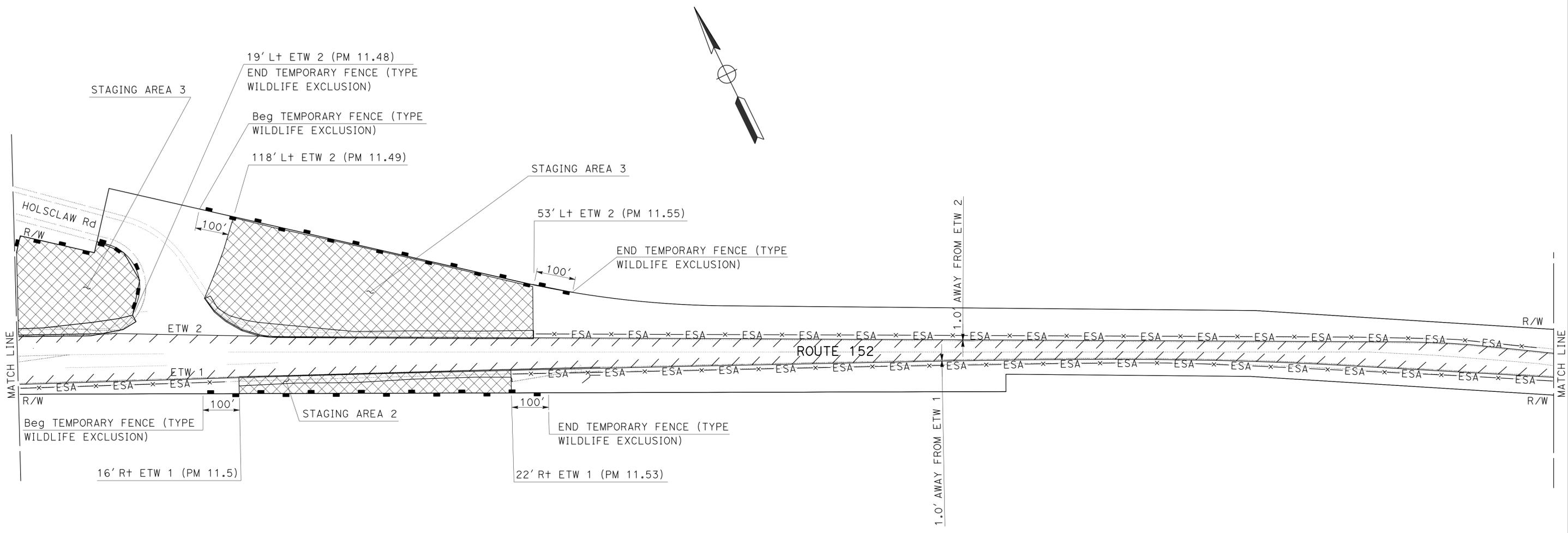
L-5

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	8	106
			REGISTERED CIVIL ENGINEER	DATE	
			Ahmed T. Rahid	5/2/14	
			No. 76800	PLANS APPROVAL DATE	
			Exp. 12-31-14		
<small>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.</small>					

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	GHULAM POPAL
CALCULATED/DESIGNED BY	CHECKED BY
AHMED RAHID	CALVIN TRAN
REVISOR	DATE
AR	4/28/14



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

L - 6

LAST REVISION DATE PLOTTED => 21-JUL-2014 10:32

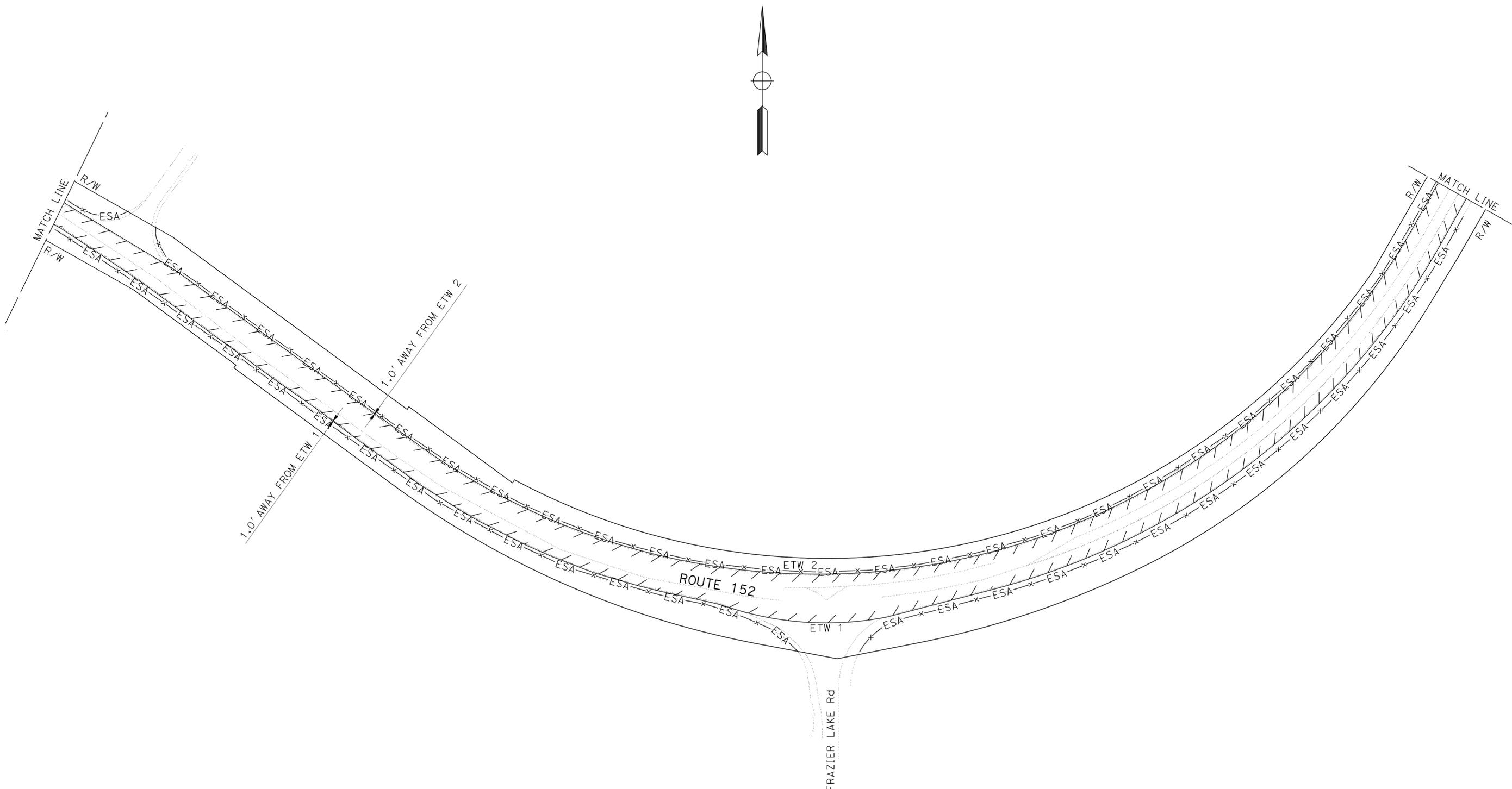
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN	FUNCTIONAL SUPERVISOR	GHULAM POPAL	CALCULATED/DESIGNED BY	AMHED RAHID	REVISOR	AR
		CHECKED BY	CALVIN TRAN	DATE REVISED	4/28/14		

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	9	106
			REGISTERED CIVIL ENGINEER	DATE	
			6-23-14	5/2/14	
			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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

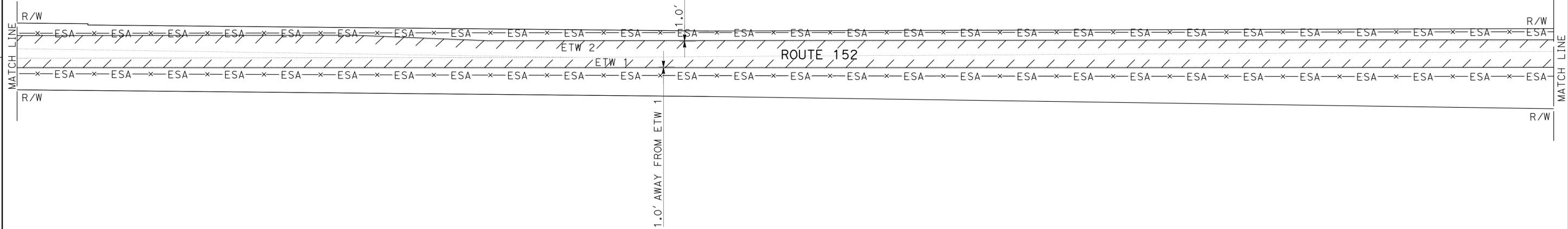
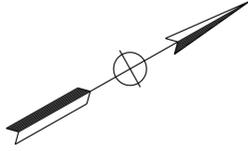
L-7

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN	FUNCTIONAL SUPERVISOR	GHULAM POPAL	CALCULATED/DESIGNED BY	AHMED RAHID	REVISOR	AR
		CHECKED BY	CALVIN TRAN	DATE	4/28/14		

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	10	106
			REGISTERED CIVIL ENGINEER	DATE	
			Ahmed T. Rahid	5/2/14	
			No. 76800		
			Exp. 2-31-14		
			CIVIL		
<small>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.</small>					



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

L - 8

LAST REVISION | DATE PLOTTED => 21-JUL-2014
06-03-14 | TIME PLOTTED => 10:32

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 GHULAM POPAL

CALCULATED/DESIGNED BY
 CHECKED BY

AHMED RAHID
 CALVIN TRAN

REVISED BY
 DATE REVISED

AR
 4/28/14

NOTES:

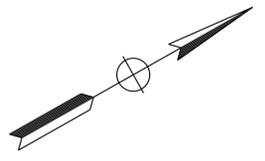
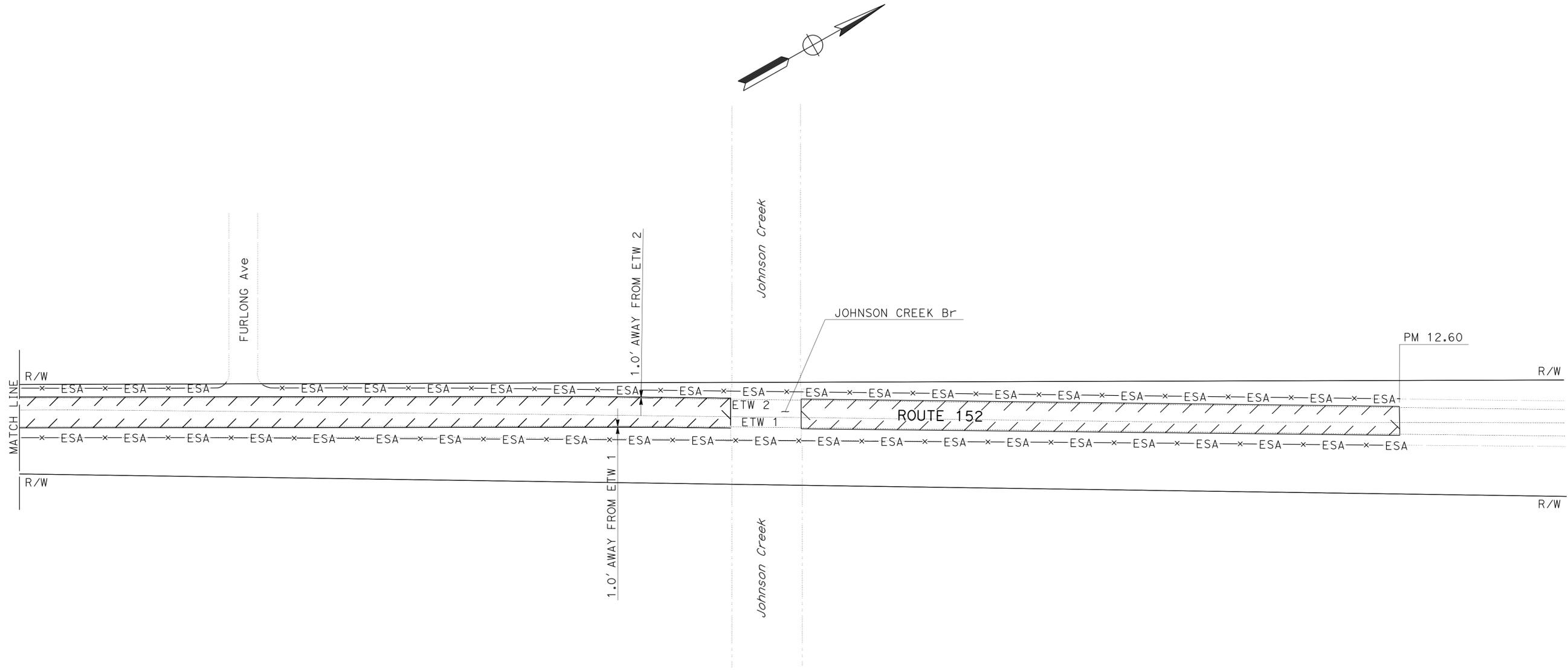
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	11	106

5/2/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
 NO SCALE

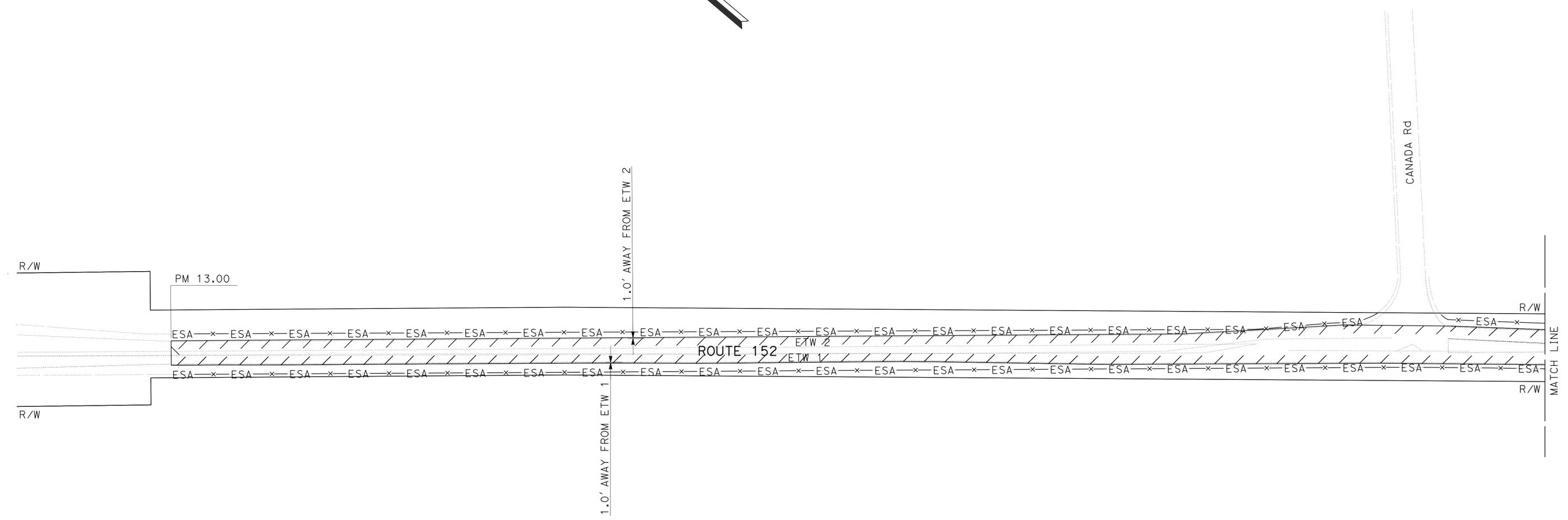
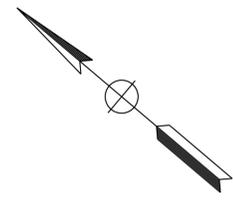
L - 9

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	12	106
			REGISTERED CIVIL ENGINEER	DATE	
			6-23-14	5/2/14	
			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. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	GHULAM POPAL
CALCULATED/DESIGNED BY	CHECKED BY
AHMED RAHID	CALVIN TRAN
REVISED BY	DATE REVISED
AR	4/28/14

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

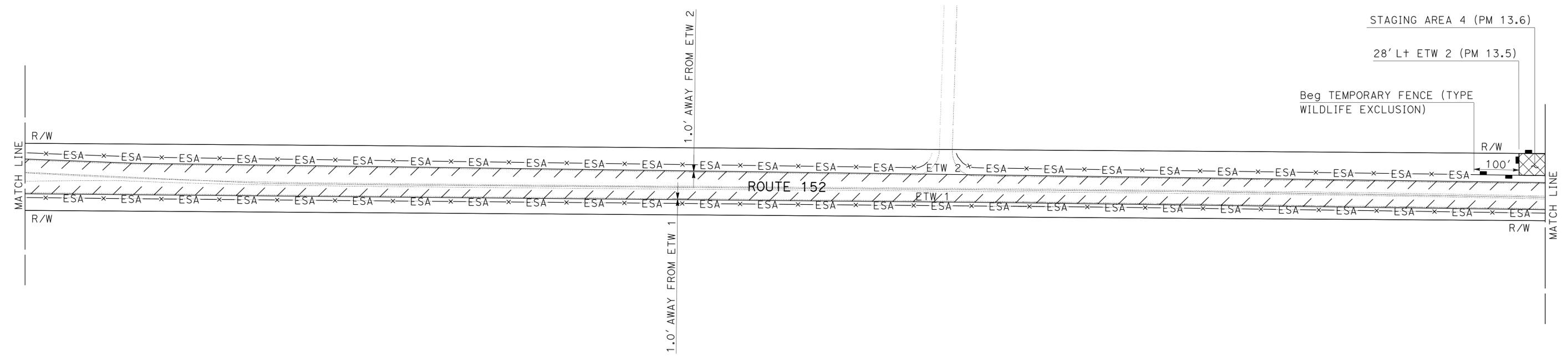
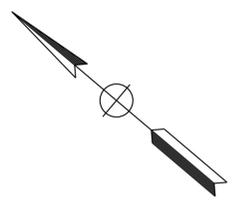
L-10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: AHMED RAHID
 CHECKED BY: CALVIN TRAN
 REVISED BY: AR
 DATE REVISED: 4/28/14

NOTES:
 1. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
 2. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	13	106
			REGISTERED CIVIL ENGINEER	DATE	
			6-23-14	5/2/14	
			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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

L-11

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 GHULAM POPAL

CALCULATED/DESIGNED BY
 CHECKED BY

AHMED RAHID
 CALVIN TRAN

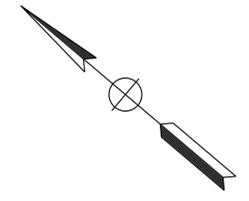
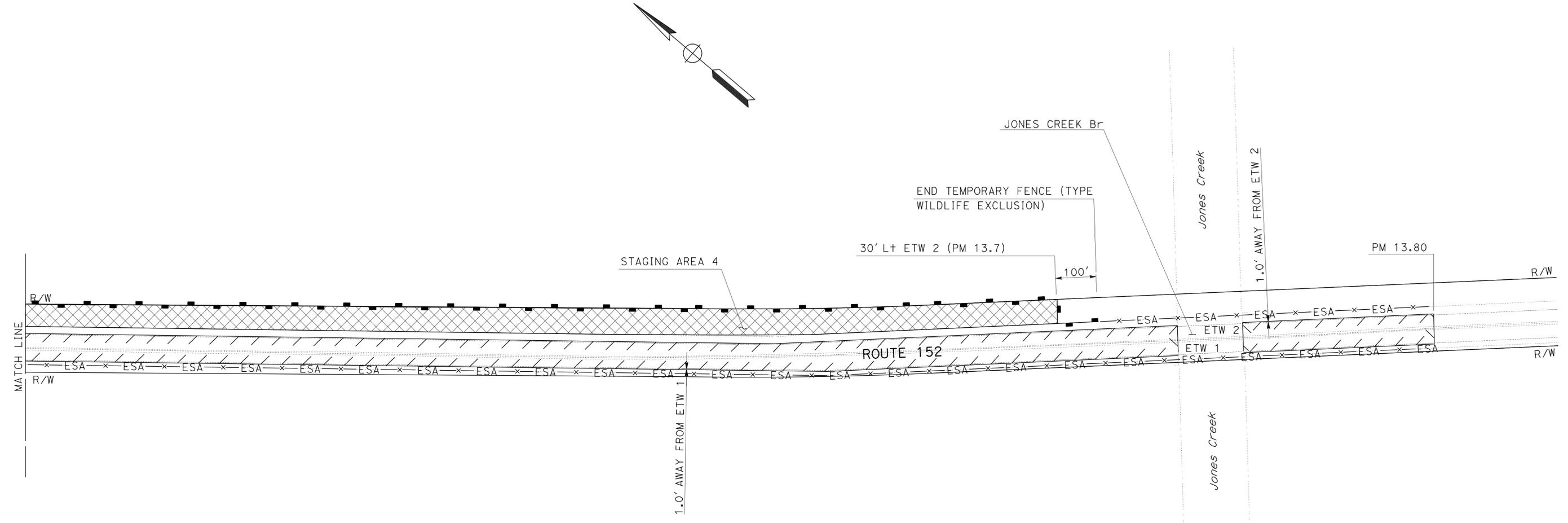
REVISED BY
 DATE REVISED

AR
 4/28/14

- NOTES:**
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
 - EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	14	106

REGISTERED CIVIL ENGINEER DATE 5/2/14
 Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 CIVIL
 PLANS APPROVAL DATE 6-23-14
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.



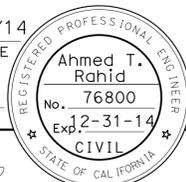
FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
 NO SCALE

L-12

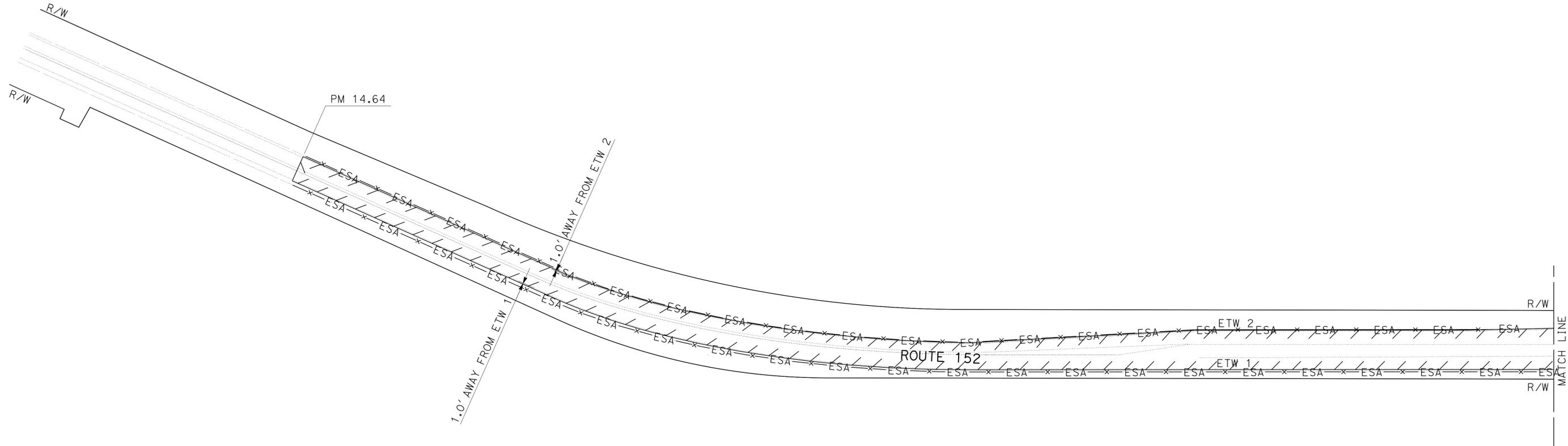
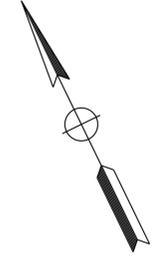
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	15	106
			REGISTERED CIVIL ENGINEER	DATE	
			5/2/14		
			6-23-14		
			PLANS APPROVAL DATE		



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. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
2. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	DATE
Caltrans	GHULAM POPAL	AHMED RAHID	AR	4/28/14
DESIGN	CHECKED BY	CALVIN TRAN		

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1

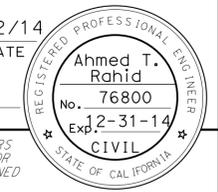


LAYOUT
NO SCALE

L-13

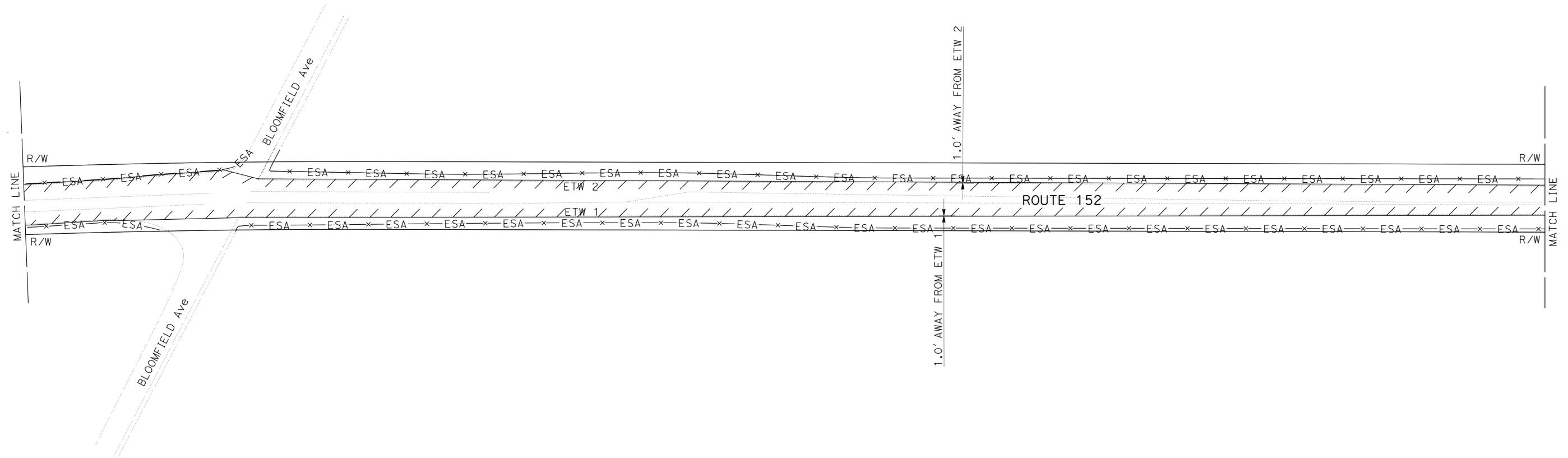
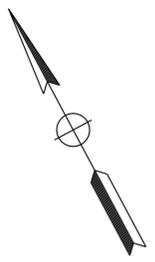
LAST REVISION | DATE PLOTTED => 21-JUL-2014
06-05-14 | TIME PLOTTED => 10:32

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	16	106
			5/2/14		
REGISTERED CIVIL ENGINEER			DATE		
6-23-14			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:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	DATE
Caltrans	GHULAM POPAL	CHECKED BY	AR	4/28/14
DESIGN			AHMED RAHID	
			CALVIN TRAN	

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

L-14

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 GHULAM POPAL

CALCULATED/DESIGNED BY
 CHECKED BY

AHMED RAHID
 CALVIN TRAN

REVISED BY
 DATE REVISED

AR
 4/28/14

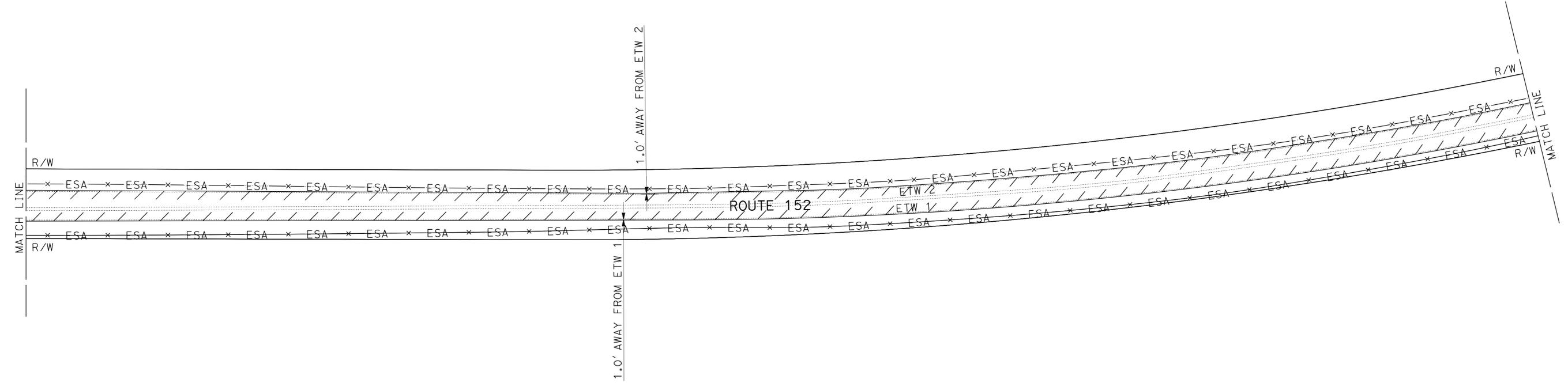
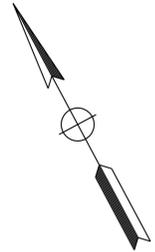
- NOTES:**
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
 - EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	17	106

5/2/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 CIVIL

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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
 NO SCALE

L-15

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 GHULAM POPAL

CALCULATED/DESIGNED BY
 CHECKED BY

AHMED RAHID
 CALVIN TRAN

REVISED BY
 DATE REVISED

AR
 4/28/14

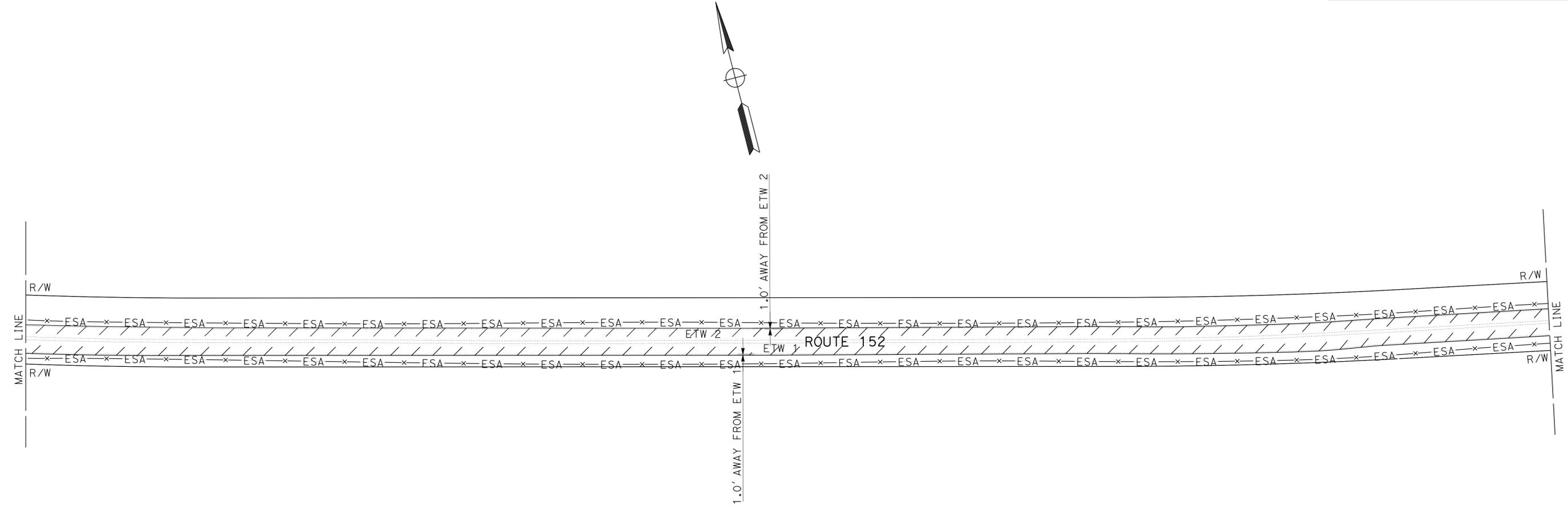
- NOTES:**
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
 - EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	18	106

5/2/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 CIVIL

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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



UNIT 0706

PROJECT NUMBER & PHASE

04120001461

LAYOUT
 NO SCALE

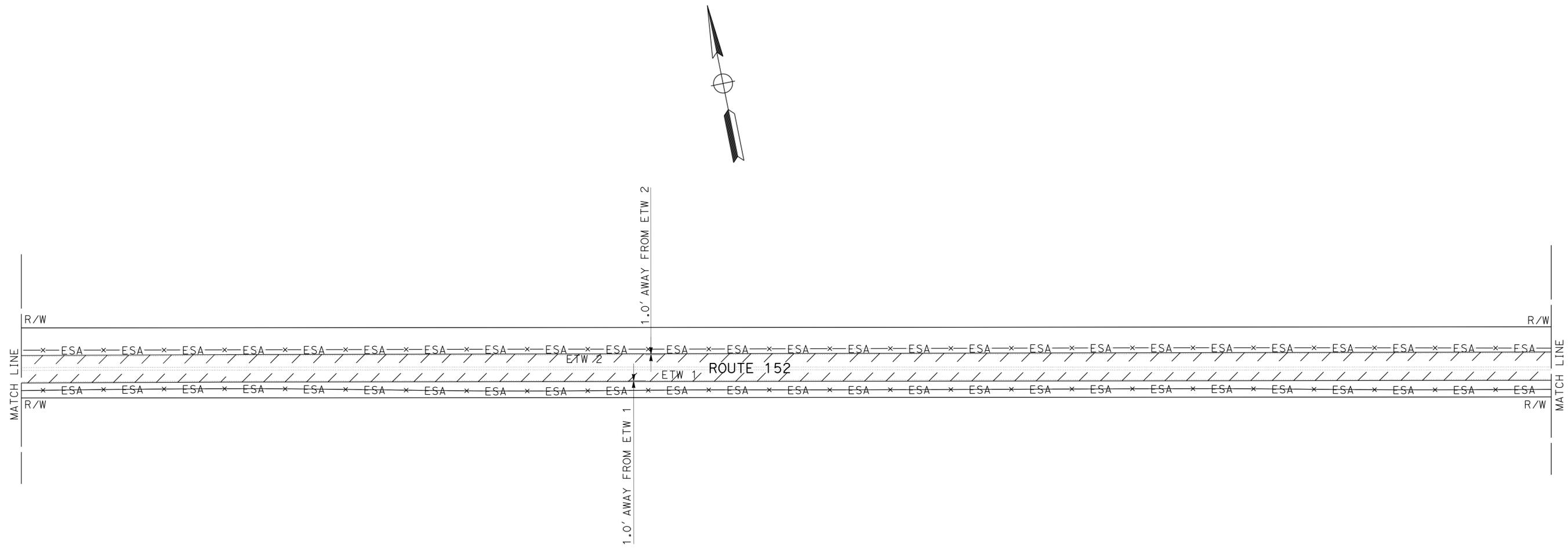
L-16

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	19	106
			5/2/14	DATE	
REGISTERED CIVIL ENGINEER			Ahmed T. Rahid		
6-23-14			PLANS APPROVAL DATE		
			No. 76800		
			Exp. 2-31-14		
			CIVIL		
<small>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.</small>					

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	DATE
Caltrans	GHULAM POPAL	CHECKED BY	AR	4/28/14
DESIGN			AHMED RAHID	
			CALVIN TRAN	



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

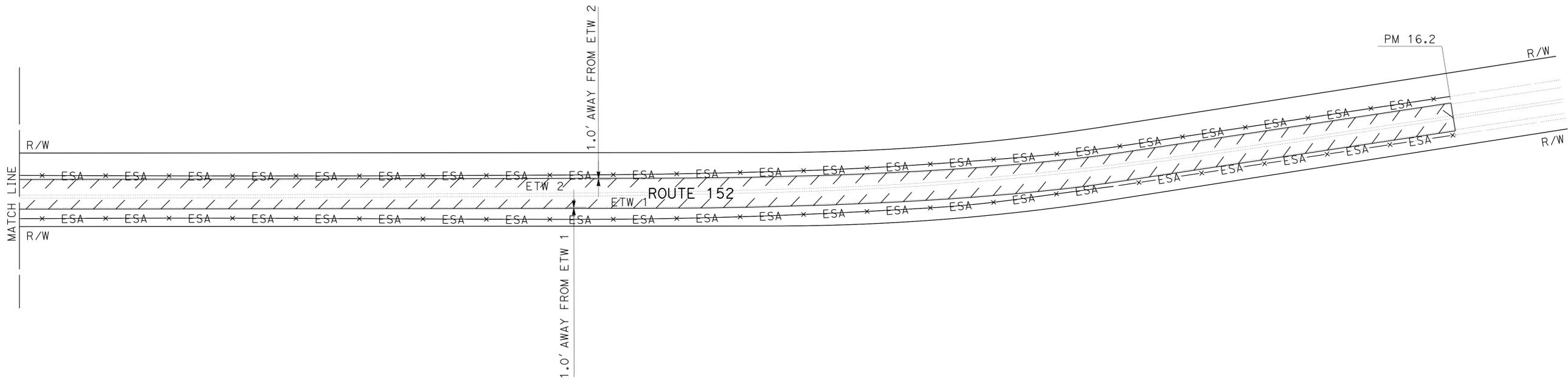
L-17

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	DATE
		GHULAM POPAL	GHULAM POPAL	AR	4/28/14

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	20	106
			5/2/14		
REGISTERED CIVIL ENGINEER			DATE		
6-23-14			PLANS APPROVAL DATE		
<small>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.</small>					



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

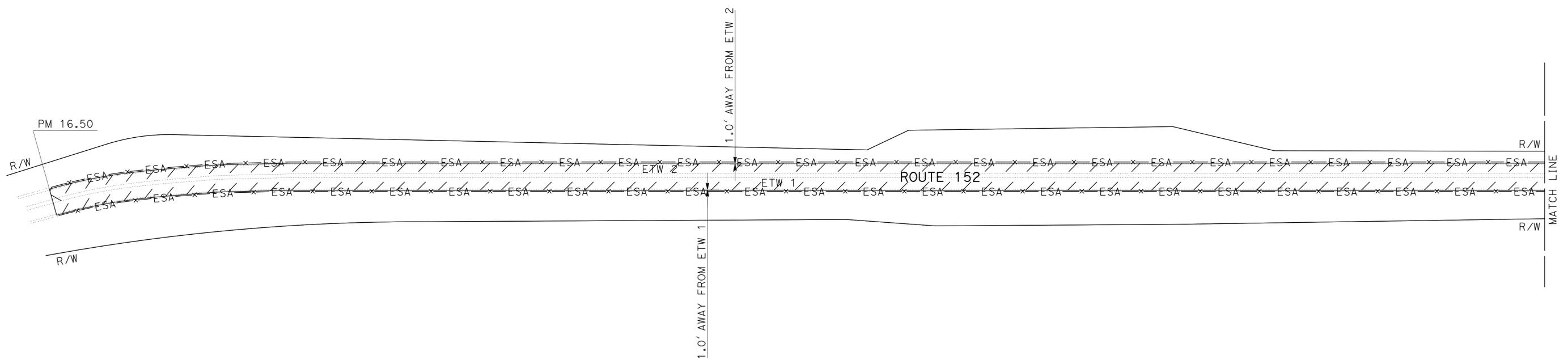
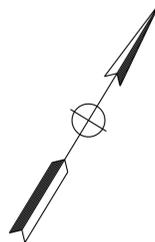
L-18

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN	FUNCTIONAL SUPERVISOR	GHULAM POPAL	CALCULATED/DESIGNED BY	AHMED RAHID	REVISOR	AR
		CHECKED BY	CALVIN TRAN	DATE	4/28/14		

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	21	106
			REGISTERED CIVIL ENGINEER	DATE	
			Ahmed T. Rahid	5/2/14	
			No. 76800		
			PLANS APPROVAL DATE		
			6-23-14		
<small>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.</small>					



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

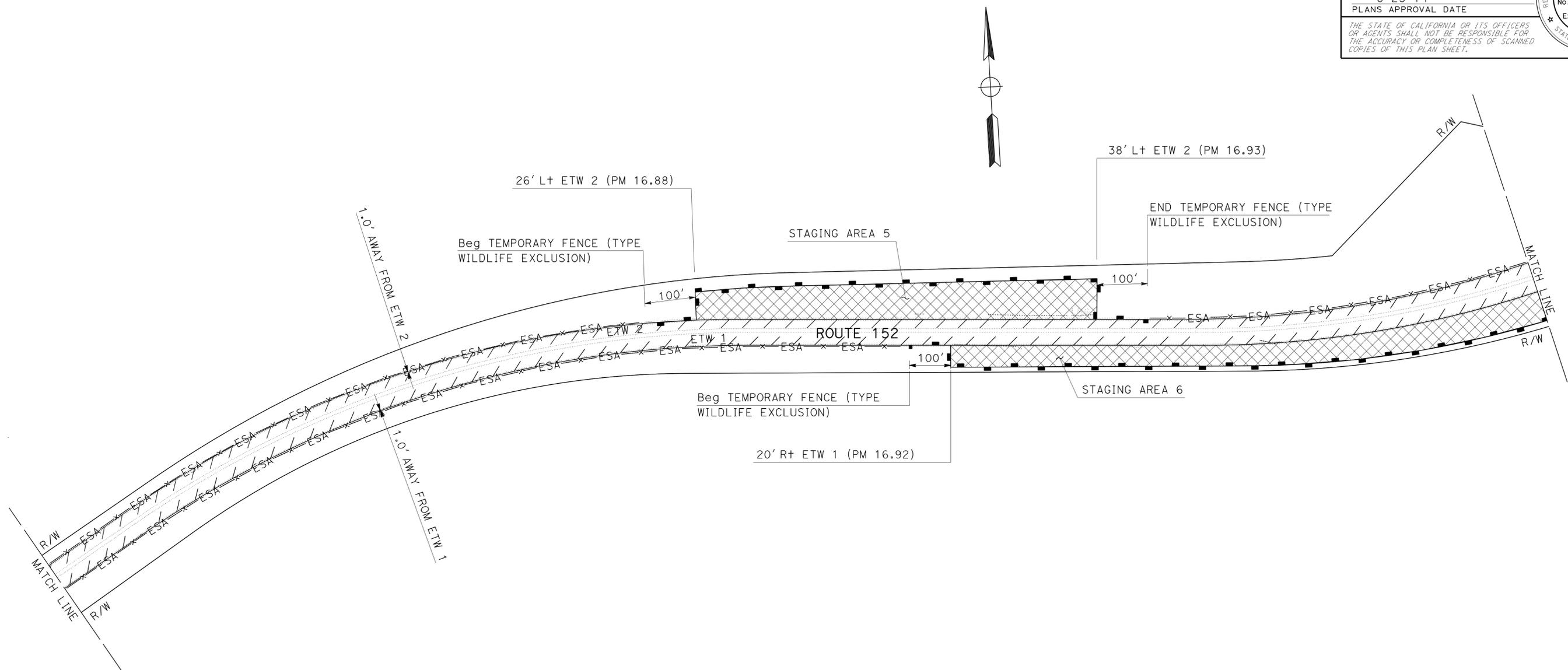
L-19

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	REVISOR	DATE
Caltrans	GHULAM POPAL	AR	4/28/14
DESIGN	CHECKED BY	REVISOR	DATE
		AMHED RAHID	4/28/14
	DESIGNED BY	REVISOR	DATE
		AMHED RAHID	4/28/14

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	22	106
			5/2/14	DATE	
REGISTERED CIVIL ENGINEER			Ahmed T. Rahid		
6-23-14			PLANS APPROVAL DATE		
			No. 76800		
			Exp. 2-31-14		
			CIVIL		
<small>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.</small>					



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

L-20

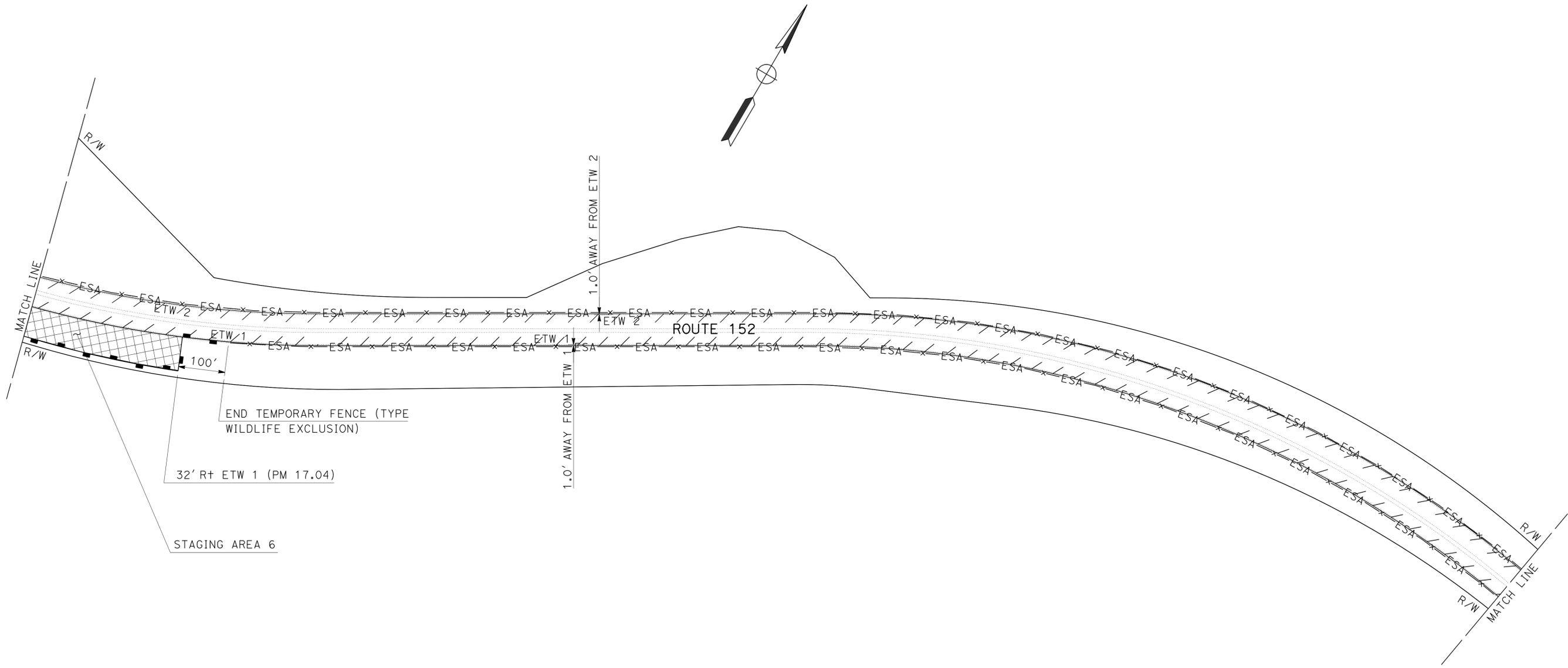
LAST REVISION DATE PLOTTED => 21-JUL-2014 TIME PLOTTED => 10:32

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	23	106
			5/2/14	DATE	
REGISTERED CIVIL ENGINEER			Ahmed T. Rahid		
6-23-14			PLANS APPROVAL DATE		
			No. 76800		
			Exp. 12-31-14		
			CIVIL		
<small>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.</small>					

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
Caltrans	
FUNCTIONAL SUPERVISOR	GHULAM POPAL
CALCULATED/DESIGNED BY	CHECKED BY
AHMED RAHID	CALVIN TRAN
REVISOR BY	DATE REVISED
AR	4/28/14



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

L-21

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

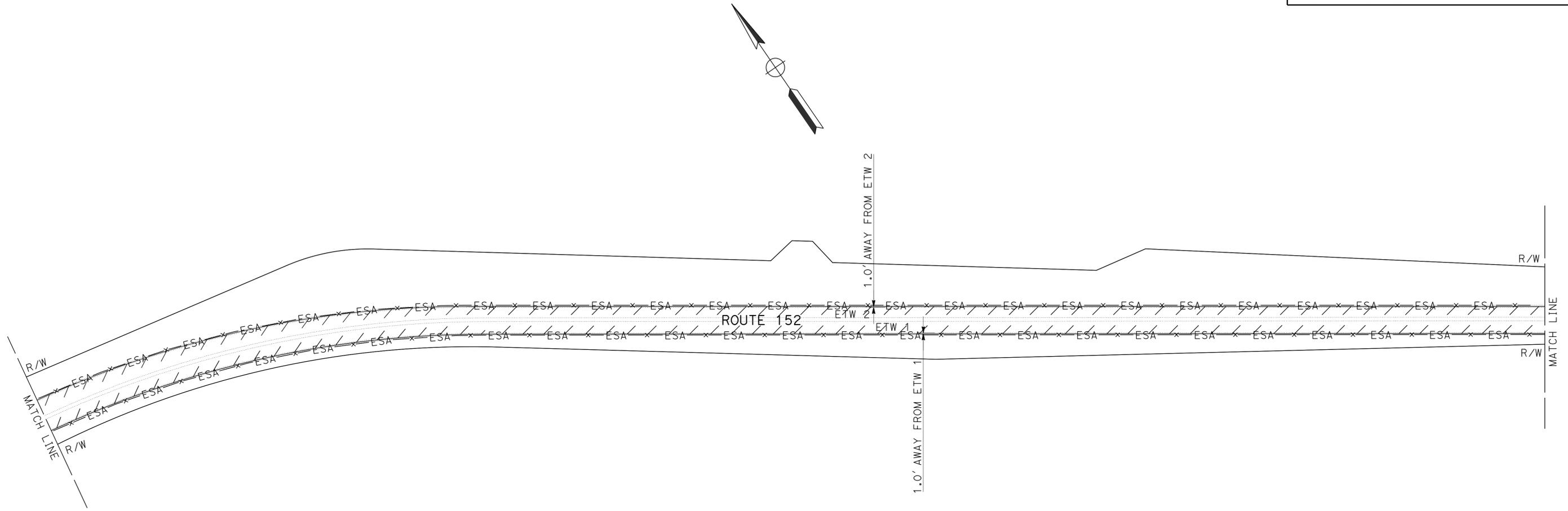
FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: AHMED RAHID
 CHECKED BY: CALVIN TRAN
 REVISED BY: AR
 DATE REVISED: 4/28/14

- NOTES:**
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
 - EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	24	106

REGISTERED CIVIL ENGINEER: *Ahmed T. Rahid* DATE: 5/2/14
 No. 76800
 Exp. 2-31-14
 PLANS APPROVAL DATE: 6-23-14

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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

L-22

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	25	106

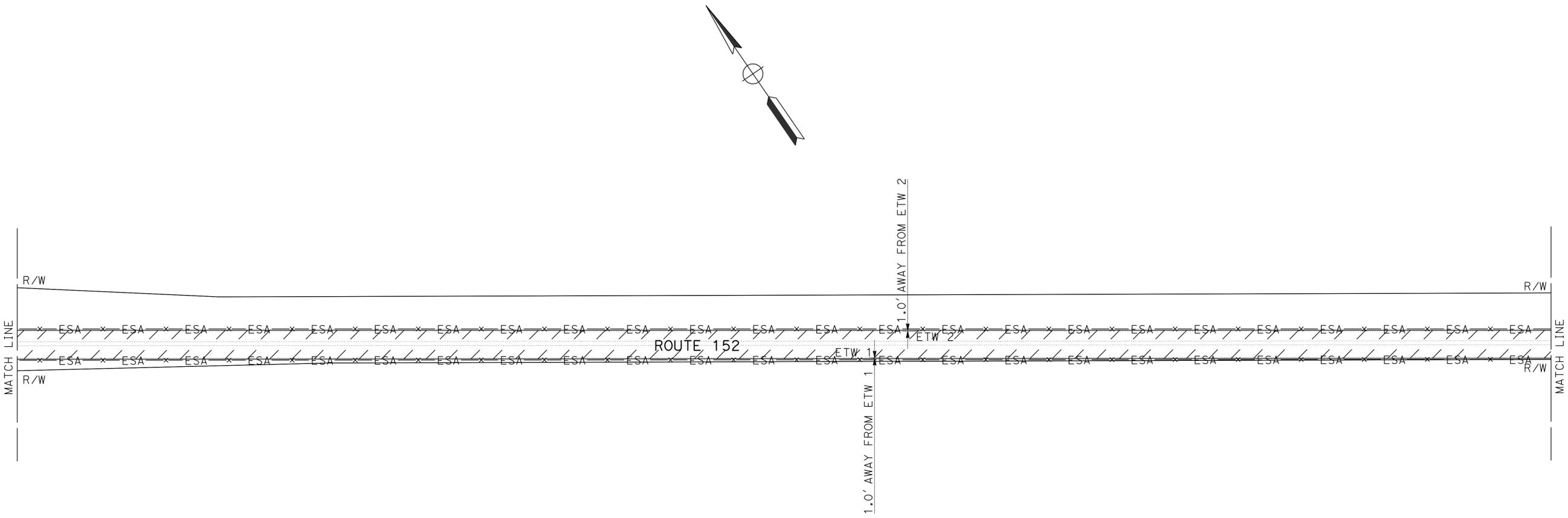
<i>Ahmed T. Rahid</i>	5/2/14
REGISTERED CIVIL ENGINEER	DATE
6-23-14	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER
Ahmed T. Rahid
No. 76800
Exp. 2-31-14
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:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	DATE
Caltrans	GHULAM POPAL	CHECKED BY	AR	4/28/14
DESIGN				

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

L - 23

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 GHULAM POPAL

CALCULATED/DESIGNED BY
 CHECKED BY

AHMED RAHID
 CALVIN TRAN

REVISED BY
 DATE REVISED

AR
 4/28/14

NOTES:

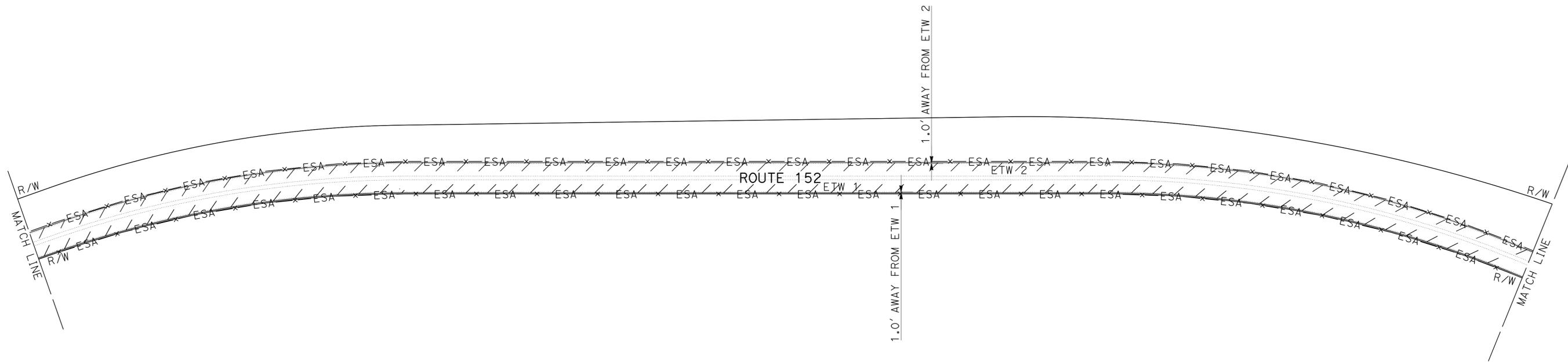
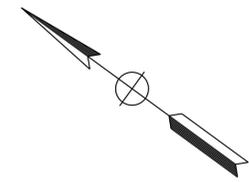
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	26	106

5/2/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 CIVIL

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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
 NO SCALE

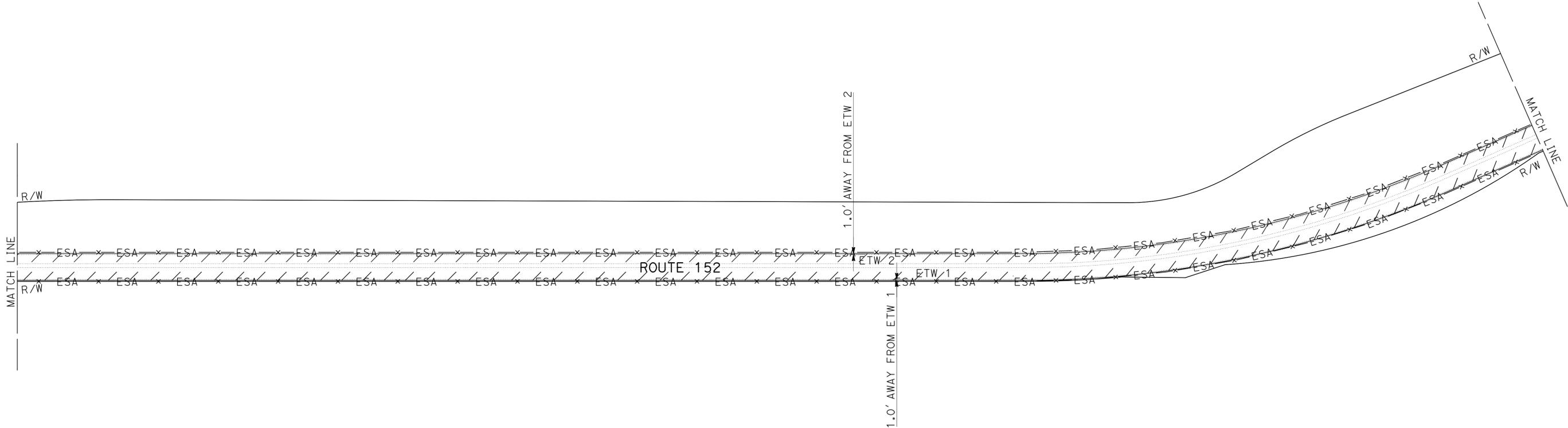
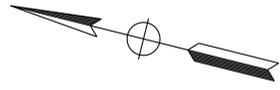
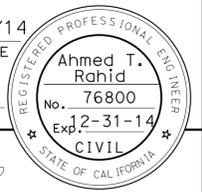
L - 24

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN	FUNCTIONAL SUPERVISOR	GHULAM POPAL	CALCULATED/DESIGNED BY	AMHED RAHID	REVISOR	AR
		CHECKED BY	CALVIN TRAN	DATE	4/28/14		

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	27	106
			REGISTERED CIVIL ENGINEER	DATE	
			Ahmed T. Rahid	5/2/14	
			No. 76800		
			PLANS APPROVAL DATE		
			6-23-14		
			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.		



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



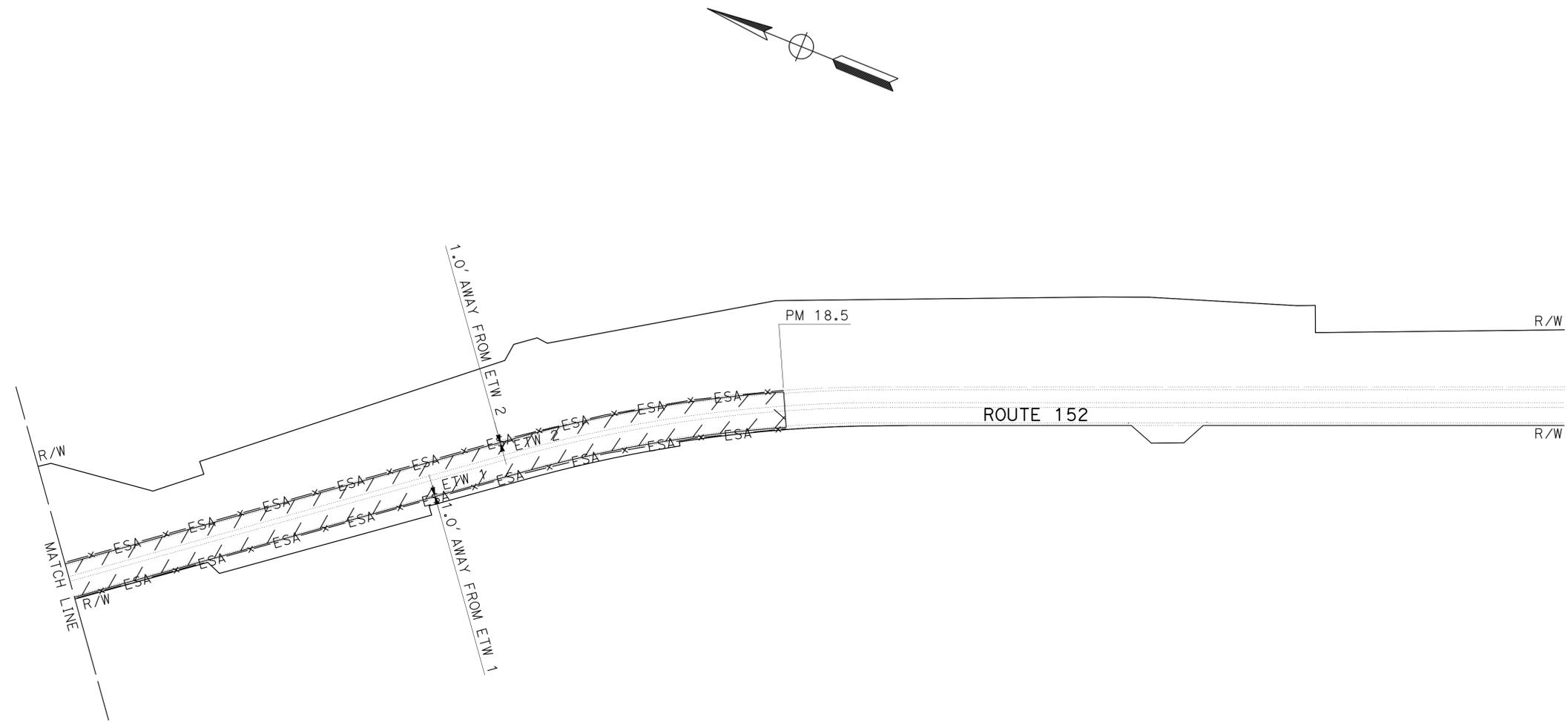
LAYOUT
NO SCALE

L-25

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	28	106
			5/2/14		
			REGISTERED CIVIL ENGINEER DATE		
			6-23-14		
			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:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	GHULAM POPAL
CALCULATED/DESIGNED BY	CHECKED BY
AHMED RAHID	CALVIN TRAN
REVISED BY	DATE REVISED
AR	4/28/14

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

L - 26

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 GHULAM POPAL

CALCULATED/DESIGNED BY
 CHECKED BY

AHMED RAHID
 CALVIN TRAN

REVISED BY
 DATE REVISED

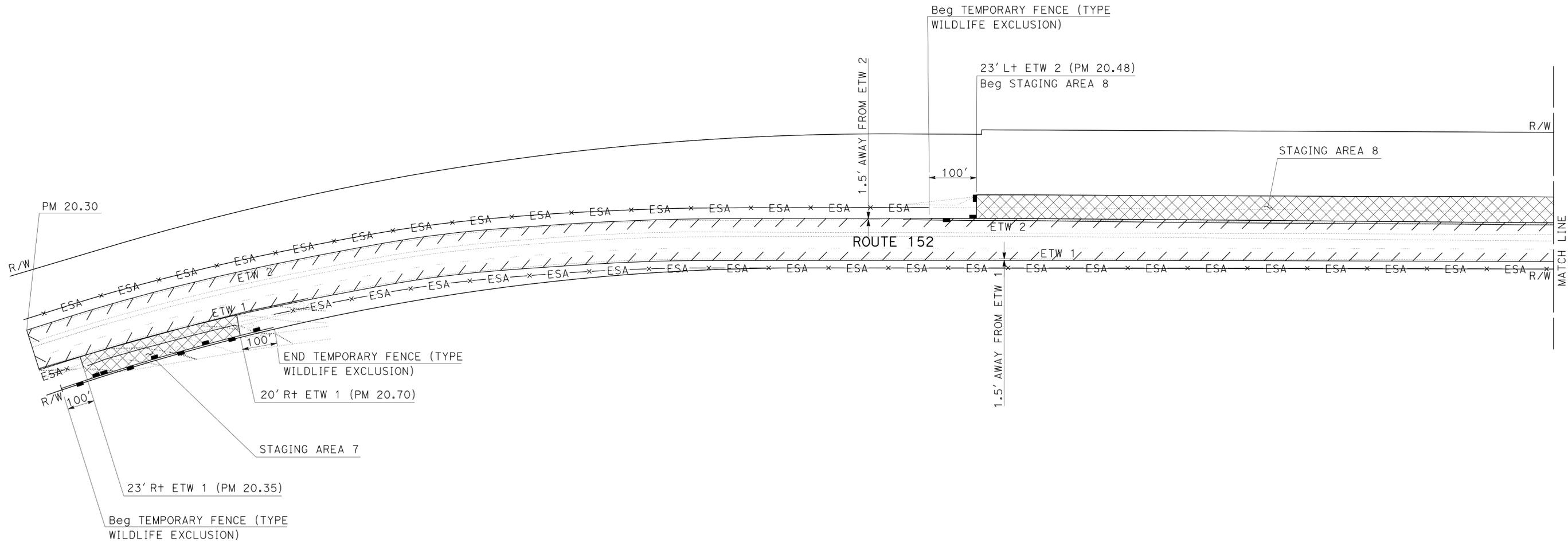
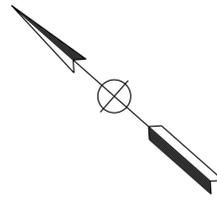
AR
 4/28/14

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	29	106

REGISTERED CIVIL ENGINEER *Ahmed T. Rahid* DATE 5/2/14
 No. 76800
 Exp. 12-31-14
 CIVIL
 PLANS APPROVAL DATE 6-23-14
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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



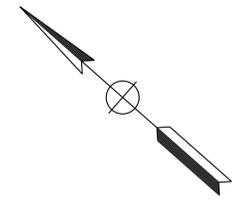
LAYOUT
 NO SCALE

L-27

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

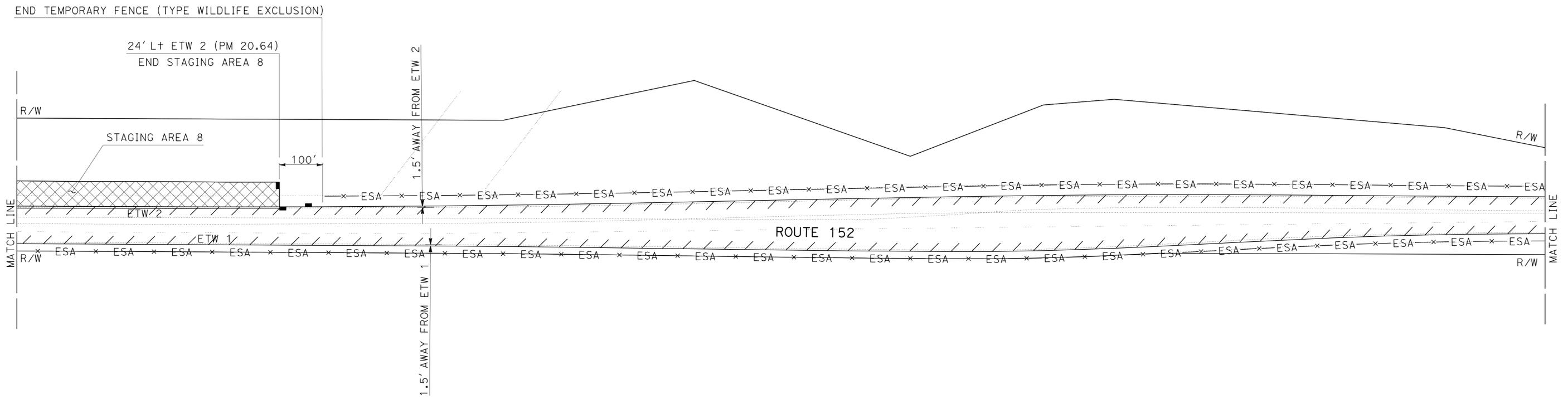
FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: AHMED RAHID
 CHECKED BY: CALVIN TRAN
 REVISED BY: AR
 DATE REVISED: 4/28/14

- NOTES:**
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
 - EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.



DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	30	106

REGISTERED CIVIL ENGINEER: *Ahmed T. Rahid* DATE: 5/2/14
 PLANS APPROVAL DATE: 6-23-14
 No. 76800
 Exp. 2-31-14
 CIVIL
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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

L-28

LAST REVISION: 06-06-14 DATE PLOTTED => 21-JUL-2014 TIME PLOTTED => 10:33

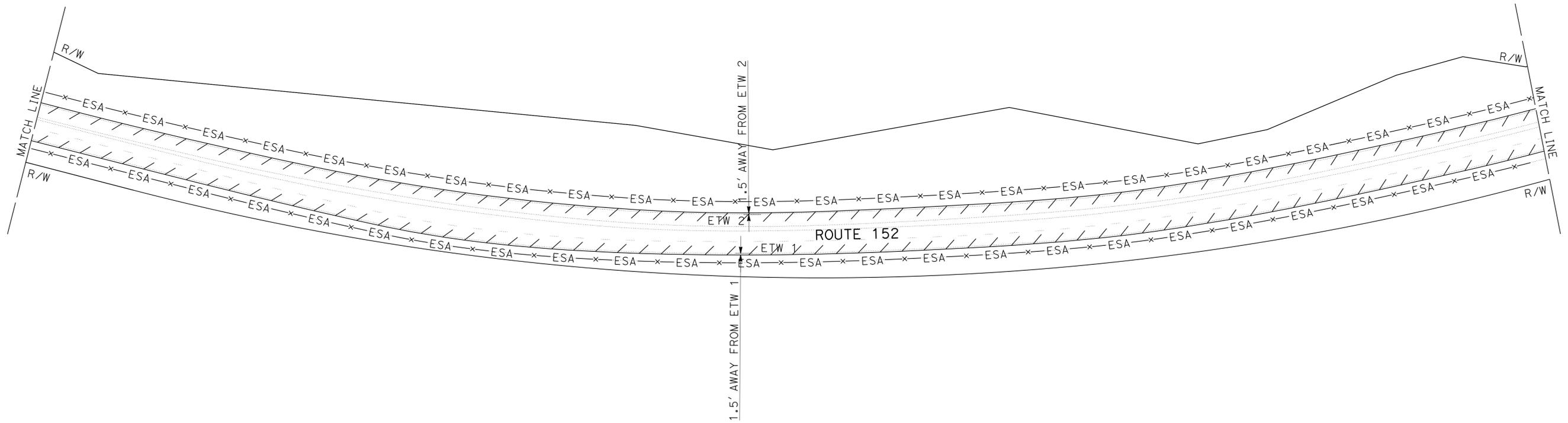
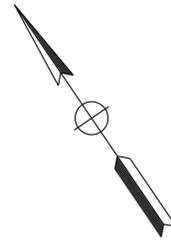
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR	DATE
		GHULAM POPAL	CHECKED BY	AR	4/28/14

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	31	106
			REGISTERED CIVIL ENGINEER	DATE	
			6-23-14	5/2/14	
			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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
NO SCALE

L - 29

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 GHULAM POPAL

CALCULATED/DESIGNED BY
 CHECKED BY

AHMED RAHID
 CALVIN TRAN

REVISED BY
 DATE REVISED

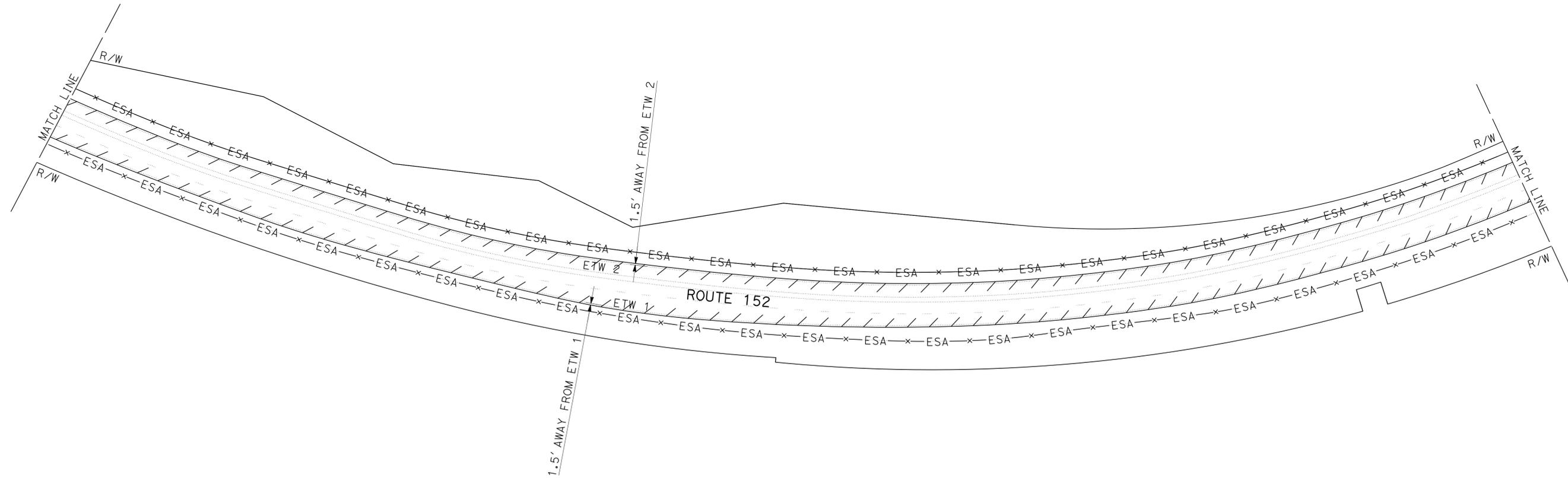
AR
 4/28/14

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	32	106

REGISTERED CIVIL ENGINEER *Ahmed T. Rahid* DATE 5/2/14
 PLANS APPROVAL DATE 6-23-14
 No. 76800 Exp. 2-31-14
 CIVIL
 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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
 NO SCALE

L - 30

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 GHULAM POPAL

CALCULATED/DESIGNED BY
 CHECKED BY

AHMED RAHID
 CALVIN TRAN

REVISED BY
 DATE REVISED

AR
 4/28/14

NOTES:

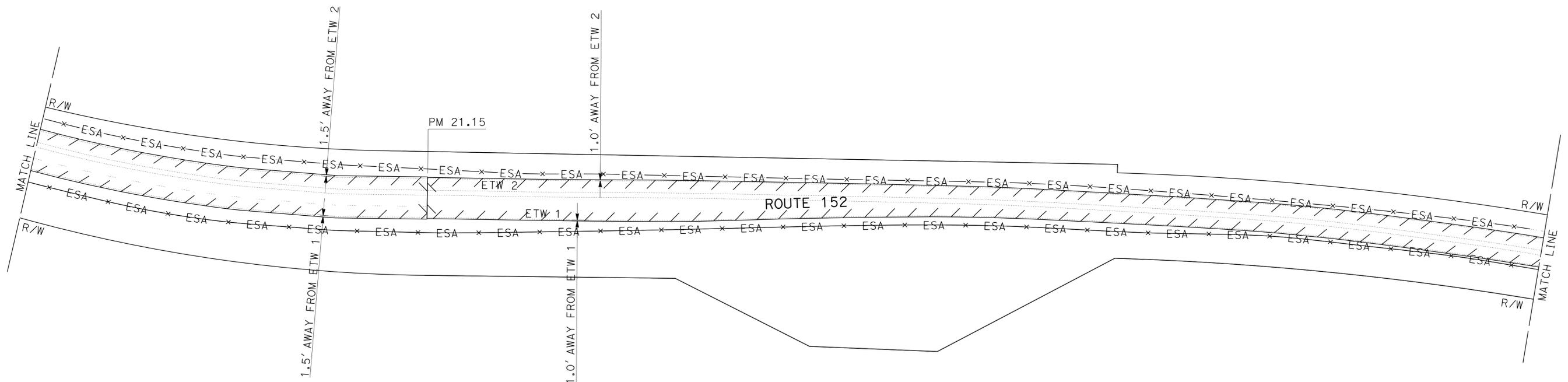
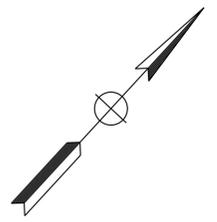
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	33	106

5/2/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 CIVIL

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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
 NO SCALE

L-31

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 GHULAM POPAL

CALCULATED/DESIGNED BY
 CHECKED BY

AHMED RAHID
 CALVIN TRAN

REVISED BY
 DATE REVISED

AR
 4/28/14

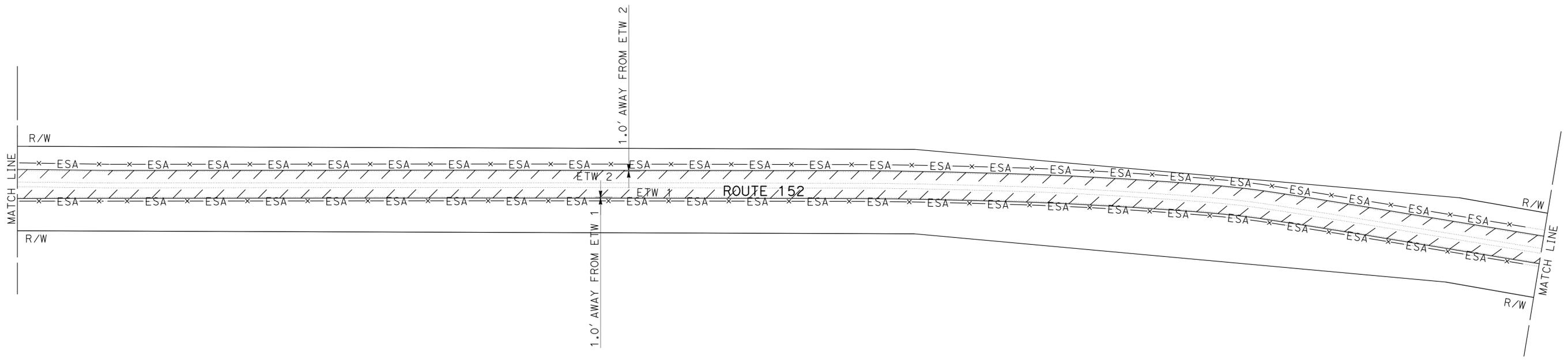
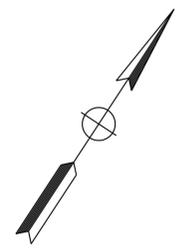
- NOTES:**
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
 - EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	34	106

5/2/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 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.



FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
 NO SCALE

L-32

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 GHULAM POPAL

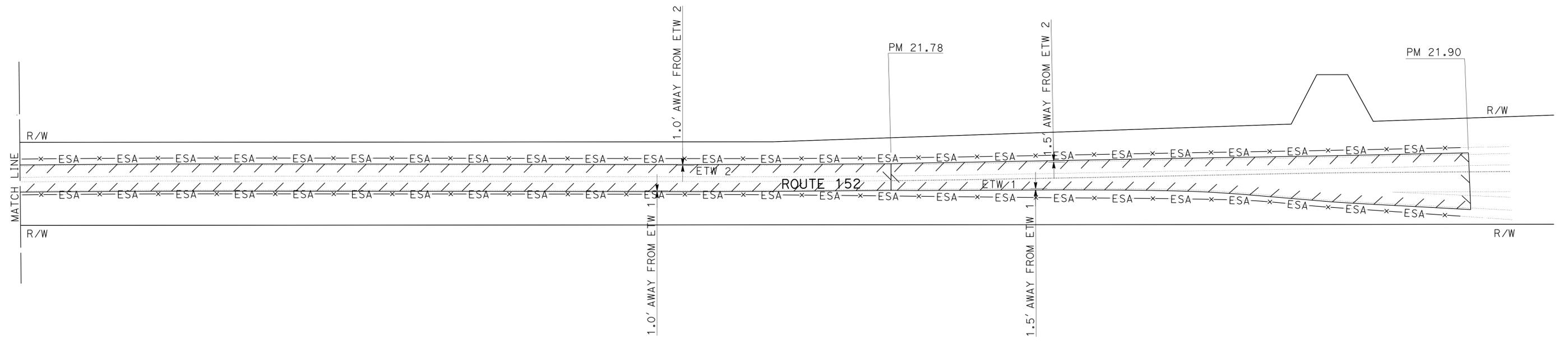
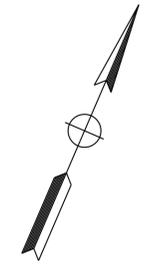
CALCULATED/DESIGNED BY
 CHECKED BY

AHMED RAHID
 CALVIN TRAN

REVISED BY
 DATE REVISED

AR
 4/28/14

- NOTES:**
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
 - EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	35	106

5/2/14
 REGISTERED CIVIL ENGINEER DATE
 Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 CIVIL
 STATE OF CALIFORNIA
 6-23-14
 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.

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET L-1



LAYOUT
 NO SCALE

L - 33

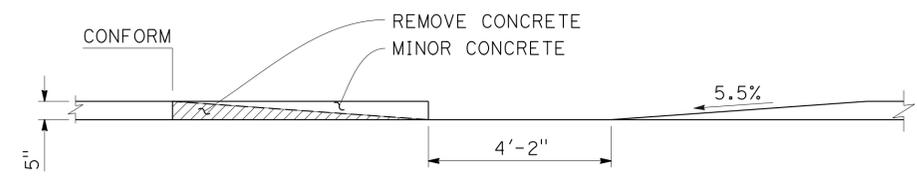
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: AHMED RAHID
 CHECKED BY: CALVIN TRAN
 REVISED BY: AR
 DATE REVISED: 4/28/14

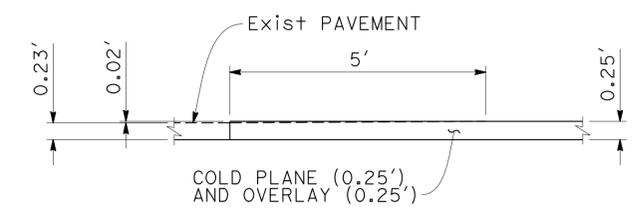
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

- NOTES:**
1. AS SITE CONDITIONS DICTATE, THE RETAINING CURB SIDE AND THE FLARED SIDE OF THE CASE G RAMP SHALL BE CONSTRUCTED IN REVERSED POSITION.
 2. CURB RAMPS SHALL HAVE A DETECTABLE WARNING SURFACE THAT EXTENDS THE FULL WIDTH AND 3'-0" DEPTH OF THE RAMP. DETECTABLE WARNING SURFACES SHALL CONFORM TO THE DETAILS ON THIS PLAN AND THE REQUIREMENTS IN THE STANDARD SPECIFICATIONS.
 3. THE EDGE OF THE DETECTABLE WARNING SURFACE NEAREST THE STREET SHALL BE BETWEEN 6" AND 8" FROM THE GUTTER FLOWLINE.
 4. COUNTER SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO AND WITHIN 24 INCHES OF THE CURB RAMP SHALL NOT BE STEEPER THAN 1:5 (5% GUTTER PAN SLOPE SHALL NOT EXCEED 1" OF DEPTH FOR EACH 2'-0" OF WIDTH).
 5. EXACT PEDESTRIAN RAMP CONFORM LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
 6. GORE AREA PAVING IS PART OF COLD PLANE AC Pvm+ AND OVERLAY ON MAINLINE WORK.

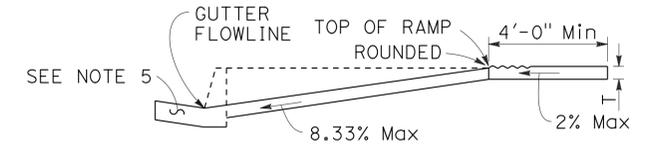
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	36	106
			5/2/14	DATE	
REGISTERED CIVIL ENGINEER			Ahmed T. Rahid		
6-23-14			PLANS APPROVAL DATE		
			No. 76800		
			Exp. 2-31-14		
CIVIL					
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.					



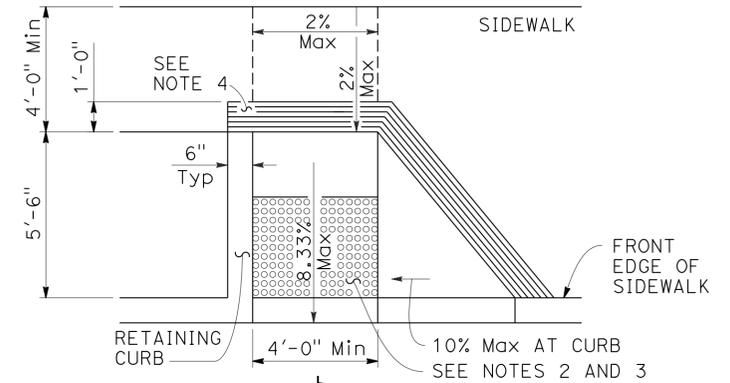
DETAIL CURB RAMP CASE G (MODIFIED)



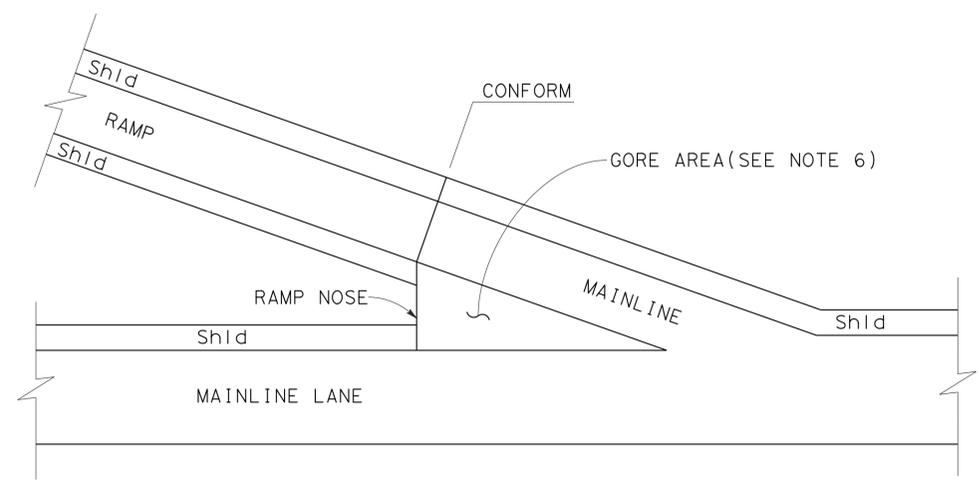
PAVEMENT CONFORM



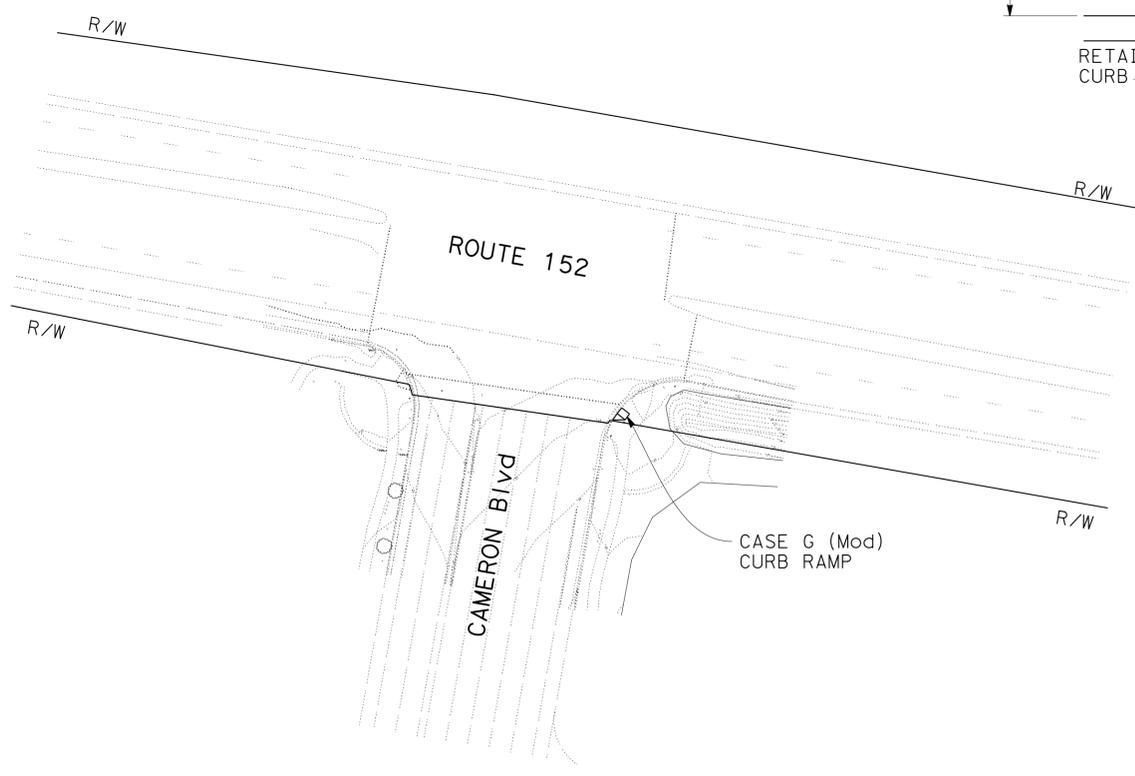
SECTION A-A



CASE G (MODIFIED) CURB RAMP
 SEE NOTE 1



PAVING AT GORE AREA



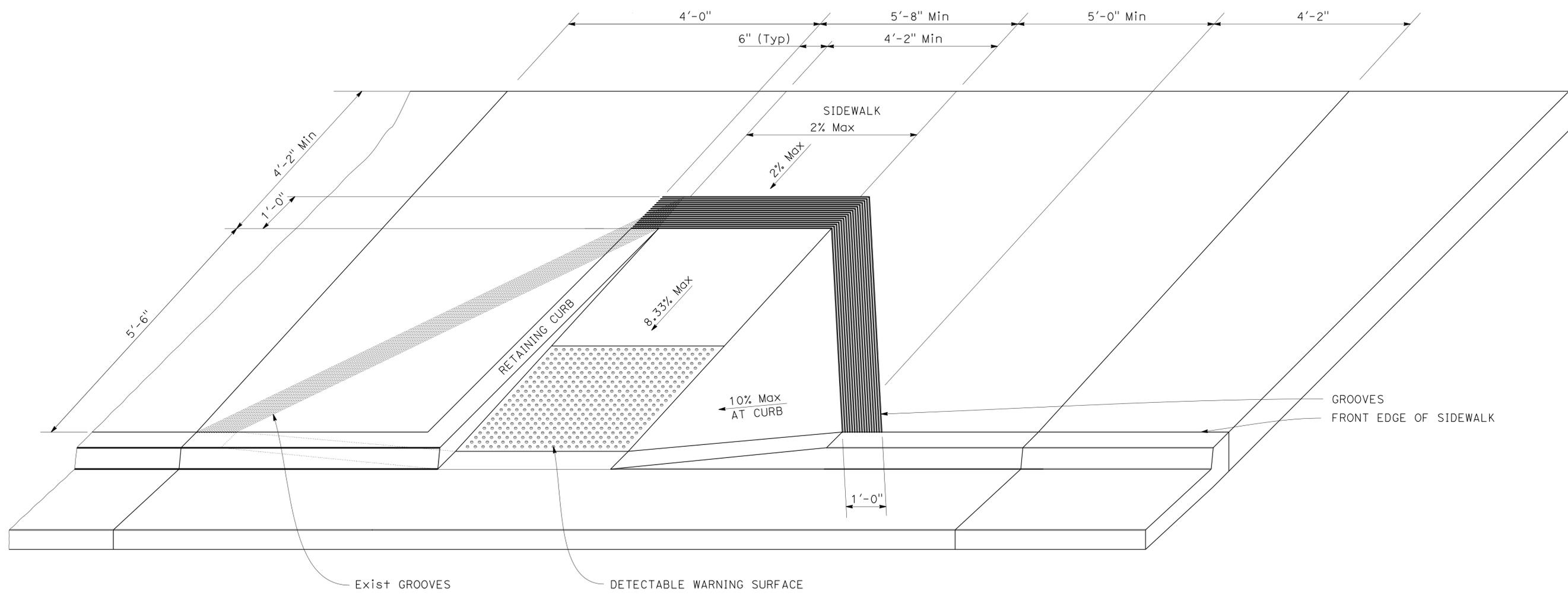
ROUTE 152/CAMERON BOULEVARD INTERSECTION

CONSTRUCTION DETAILS
 NO SCALE

C-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	37	106
			5/2/14	DATE	
REGISTERED CIVIL ENGINEER			Ahmed T. Rahid		
6-23-14			No. 76800		
PLANS APPROVAL DATE			Exp. 2-31-14		
<small>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.</small>					

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	DESIGNED BY	REVISOR	DATE
Caltrans	GHULAM POPAL	AHMED RAHID	AR	2/20/14
DESIGN	CHECKED BY	CALVIN TRAN	DATE REVISOR	



CASE G (MODIFIED) CURB RAMP

CONSTRUCTION DETAILS
NO SCALE

FOR NOTES, SEE SHEET C-1

C-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans WATER QUALITY

FUNCTIONAL SUPERVISOR
 KAMRAN NAKHJURI

CALCULATED/DESIGNED BY
 NGOCCHAU TRAN/JENNIFER CHEN

CHECKED BY
 KAMRAN NAKHJURI

REVISOR BY
 NT/JC

DATE
 6/23/14

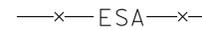
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	38	106

 6/23/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

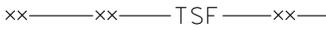
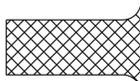
REGISTERED PROFESSIONAL ENGINEER
 Jiangfan Chen
 No. 77248
 Exp. 6-30-15
 CIVIL
 STATE OF CALIFORNIA

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.

GENERAL LEGEND:

-  STAGING AREAS
-  TEMPORARY FENCE (TYPE WILDLIFE EXCLUSION)
-  —x—ESA—x— ENVIRONMENTALLY SENSITIVE AREA LIMITS

WATER POLLUTION CONTROL LEGEND:

- TEMPORARY FIBER ROLL  TFR
- TEMPORARY SILT FENCE  xx—xx—TSF—xx—
- TEMPORARY CONSTRUCTION ENTRANCE 

GENERAL WATER POLLUTION CONTROL NOTES:

1. TEMPORARY BMP LOCATIONS ARE SUGGESTIONS ONLY, AND THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR DEVELOPING A SWPPP THAT COMPLIES WITH THE PERMITS, LICENSES, AGREEMENTS, AND CERTIFICATIONS (PLACS).
2. ALL DISTURBED SOIL AREA (DSA) MUST BE PROTECTED ADEQUATELY WITH TEMPORARY FIBER ROLL AND TEMPORARY HYDRAULIC MULCH (BONDED FIBER MATRIX) PRIOR TO A RAIN EVENT OR 14 DAYS OR MORE OF INACTIVITY. 150 SQYD TEMPORARY HYDRAULIC MULCH (BFM) ARE ESTIMATED FOR THIS PURPOSE.
3. JOB SITE MANAGEMENT MUST BE IMPLEMENTED YEAR-ROUND PER SECTION 13-4 OF CALTRANS 2010 STANDARD SPECIFICATIONS FOR SPILL PREVENTION AND CONTROL, MATERIAL MANAGEMENT, WASTE MANAGEMENT, NON-STORM WATER MANAGEMENT
4. ALL DRAINAGE INLETS THAT RECEIVE RUNOFF FROM DISTURBED SOIL AREAS OR ARE POTENTIALLY AFFECTED BY THE CONSTRUCTION WORKS MUST BE PROTECTED WITH TEMPORARY DRAINAGE INLET PROTECTIONS. IT IS ESTIMATED THAT 15 DRAINAGE INLETS NEED TO BE PROTECTED WITHIN THE PROJECT LIMIT, AND THE CONTRACTOR IS ULTIMATELY RESPONSIBLE FOR IDENTIFYING THE EXACT LOCATION OF THE DRAINAGE INLETS THAT ARE POTENTIALLY AFFECTED BY CONSTRUCTION WORKS.
5. COVER ALL STOCKPILES WITH SOIL STABILIZATION MATERIALS OR A TEMPORARY COVER AND SURROUND THE STOCKPILES WITH A LINEAR SEDIMENT BARRIER

TEMPORARY WATER POLLUTION CONTROL PLAN
 NO SCALE

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

WPC-1

LAST REVISION DATE PLOTTED => 21-JUL-2014 06-23-14 TIME PLOTTED => 10:33

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans WATER QUALITY

FUNCTIONAL SUPERVISOR: KAMRAN NAKHJURI
 CALCULATED/DESIGNED BY: KAMRAN NAKHJURI
 CHECKED BY: NGOCCHAU TRAN/JENNIFER CHEN
 REVISOR: KAMRAN NAKHJURI
 DATE REVISOR: 6/23/14
 NT/JC: 6/23/14

NOTES:

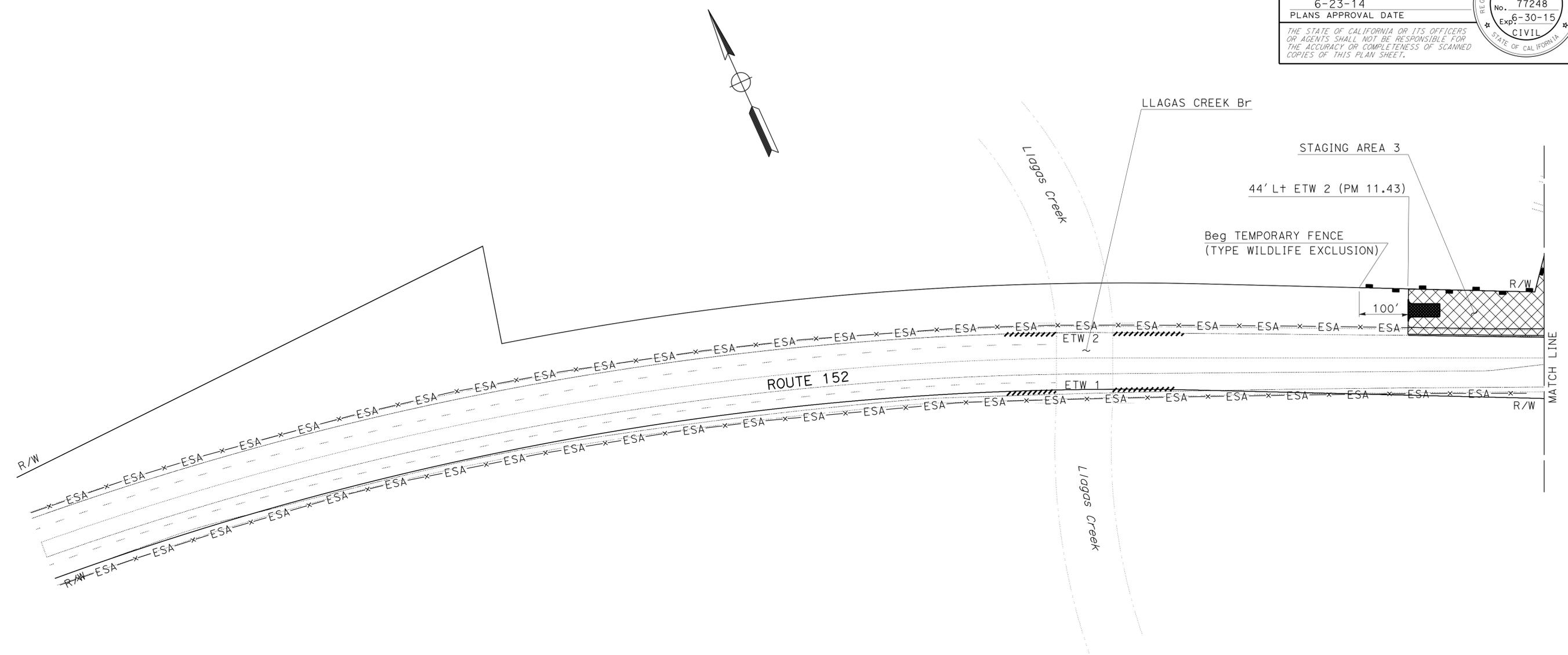
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	39	106

REGISTERED CIVIL ENGINEER: *Jiangfan Chen* DATE: 6/23/14
 No. 77248 Exp. 6-30-15
 PLANS APPROVAL DATE: 6-23-14

REGISTERED PROFESSIONAL ENGINEER
 STATE OF CALIFORNIA
 CIVIL

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.



TEMPORARY WATER POLLUTION CONTROL PLAN
 NO SCALE

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

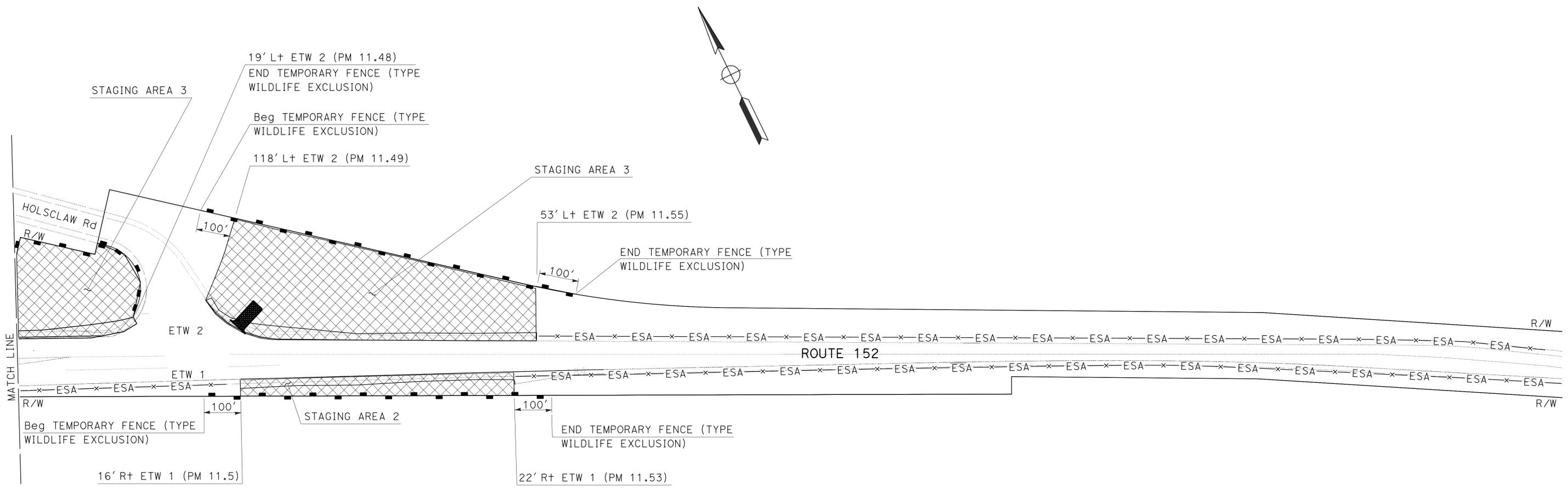
FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET WPC-1

WPC-2

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	40	106
			6/23/14	DATE	
REGISTERED CIVIL ENGINEER			DATE		
6-23-14			PLANS APPROVAL DATE		
<small>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.</small>					

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans WATER QUALITY

FUNCTIONAL SUPERVISOR: KAMRAN NAKHJURI
 CALCULATED/DESIGNED BY: KAMRAN NAKHJURI
 CHECKED BY: KAMRAN NAKHJURI
 REVISOR: NT/JC
 DATE REVISED: 6/23/14

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

TEMPORARY WATER POLLUTION CONTROL PLAN
 NO SCALE

WPC-3

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET WPC-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans WATER QUALITY

FUNCTIONAL SUPERVISOR
 KAMRAN NAKHJURI

CALCULATED/DESIGNED BY
 CHECKED BY

NGOCCHAU TRAN/JENNIFER CHEN
 KAMRAN NAKHJURI

REVISOR BY
 DATE REVISED

NT/JC
 6/23/14

NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

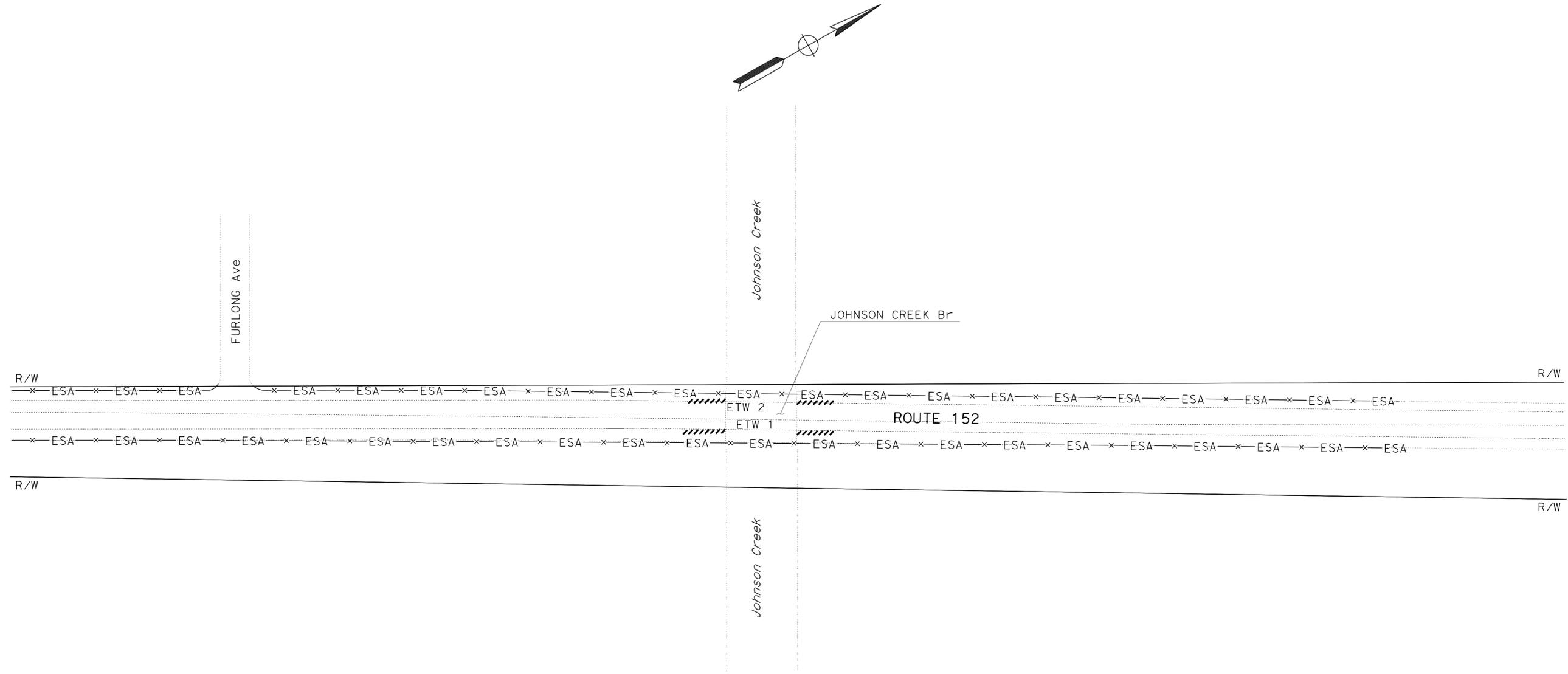
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	41	106

REGISTERED CIVIL ENGINEER DATE 6/23/14

6-23-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 Jiangfan Chen
 No. 77248
 Exp. 6-30-15
 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.



TEMPORARY WATER POLLUTION CONTROL PLAN
 NO SCALE

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET WPC-1

WPC-4

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	42	106
			6/23/14	DATE	
REGISTERED CIVIL ENGINEER			DATE		
6-23-14			PLANS APPROVAL DATE		
<small>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.</small>					

- NOTES:**
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
 - EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans WATER QUALITY

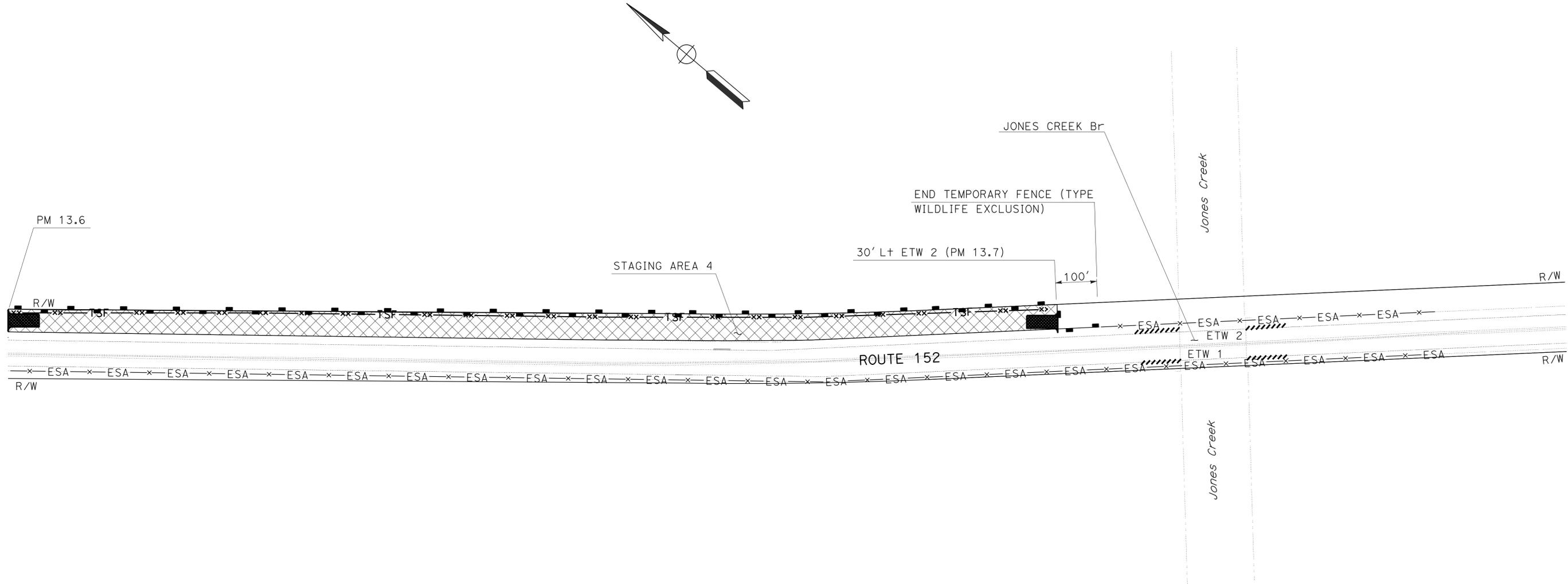
FUNCTIONAL SUPERVISOR
KAMRAN NAKHJURI

CALCULATED/DESIGNED BY
NGOCCHAU TRAN/JENNIFER CHEN

CHECKED BY
KAMRAN NAKHJURI

REVISOR
NT/JC

DATE
6/23/14



TEMPORARY WATER POLLUTION CONTROL PLAN
NO SCALE

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET WPC-1

WPC-5

LAST REVISION | DATE PLOTTED => 21-JUL-2014 06-23-14 | TIME PLOTTED => 10:33

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans WATER QUALITY

FUNCTIONAL SUPERVISOR: KAMRAN NAKHJURI
 CALCULATED/DESIGNED BY: NGOCCHAU TRAN/JENNIFER CHEN
 CHECKED BY: KAMRAN NAKHJURI
 REVISIONS: NT/JC 6/23/14

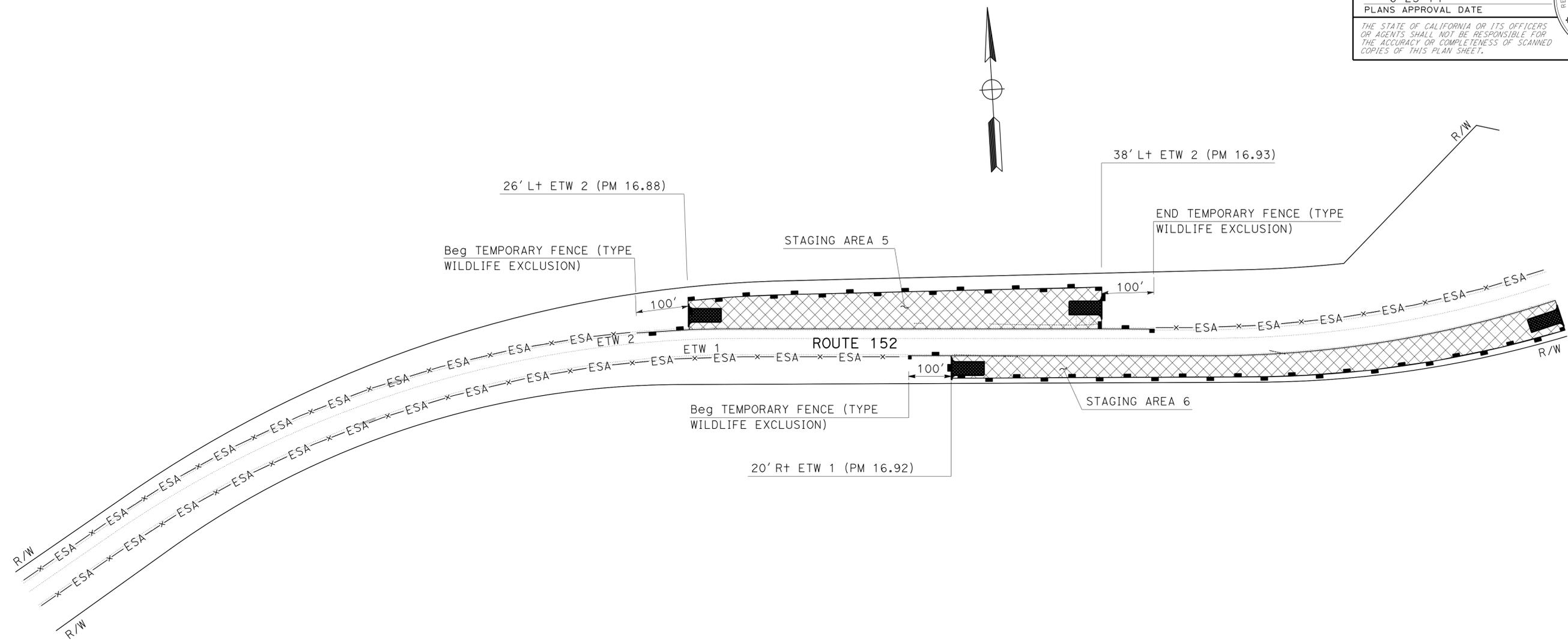
NOTES:

- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	43	106
			6/23/14	DATE	
REGISTERED CIVIL ENGINEER			No. 77248		
6-23-14			Exp. 6-30-15		
PLANS APPROVAL DATE			CIVIL		

REGISTERED PROFESSIONAL ENGINEER
 Jiangfan Chen
 No. 77248
 Exp. 6-30-15
 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.



TEMPORARY WATER POLLUTION CONTROL PLAN
 NO SCALE

APPROVED FOR TEMPORARY WATER POLLUTION CONTROL WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET WPC-1

WPC-6

LAST REVISION DATE PLOTTED => 21-JUL-2014
 06-23-14 TIME PLOTTED => 10:33

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 GHULAM POPAL

CALCULATED/DESIGNED BY
 CHECKED BY

AHMED RAHID
 CALVIN TRAN

REVISED BY
 DATE REVISED

AR
 4/28/14

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	44	106

 5/2/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 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.

TEMPORARY WATER POLLUTION CONTROL SUMMARY

DESCRIPTION	UNIT	QUANTITY
Temp Conc WASHOUT	LS	LUMP SUM
STREET SWEEPING	LS	LUMP SUM
Temp FIBER ROLL	LF	1075
Temp DRAINAGE INLET PROTECTION	EA	15
Temp HYDRAULIC MULCH	SQYD	150
PREPARE WATER POLLUTION CONTROL PROGRAM	LS	LUMP SUM
JOB SITE MANAGEMENT	LS	LUMP SUM
TEMPORARY CONSTRUCTION ENTRANCE	EA	8
TEMPORARY SILT FENCE	LF	815

TEMPORARY WATER POLLUTION CONTROL QUANTITIES
WPCQ-1

LAST REVISION | DATE PLOTTED => 21-JUL-2014
 04-29-14 | TIME PLOTTED => 10:33

LEGEND:

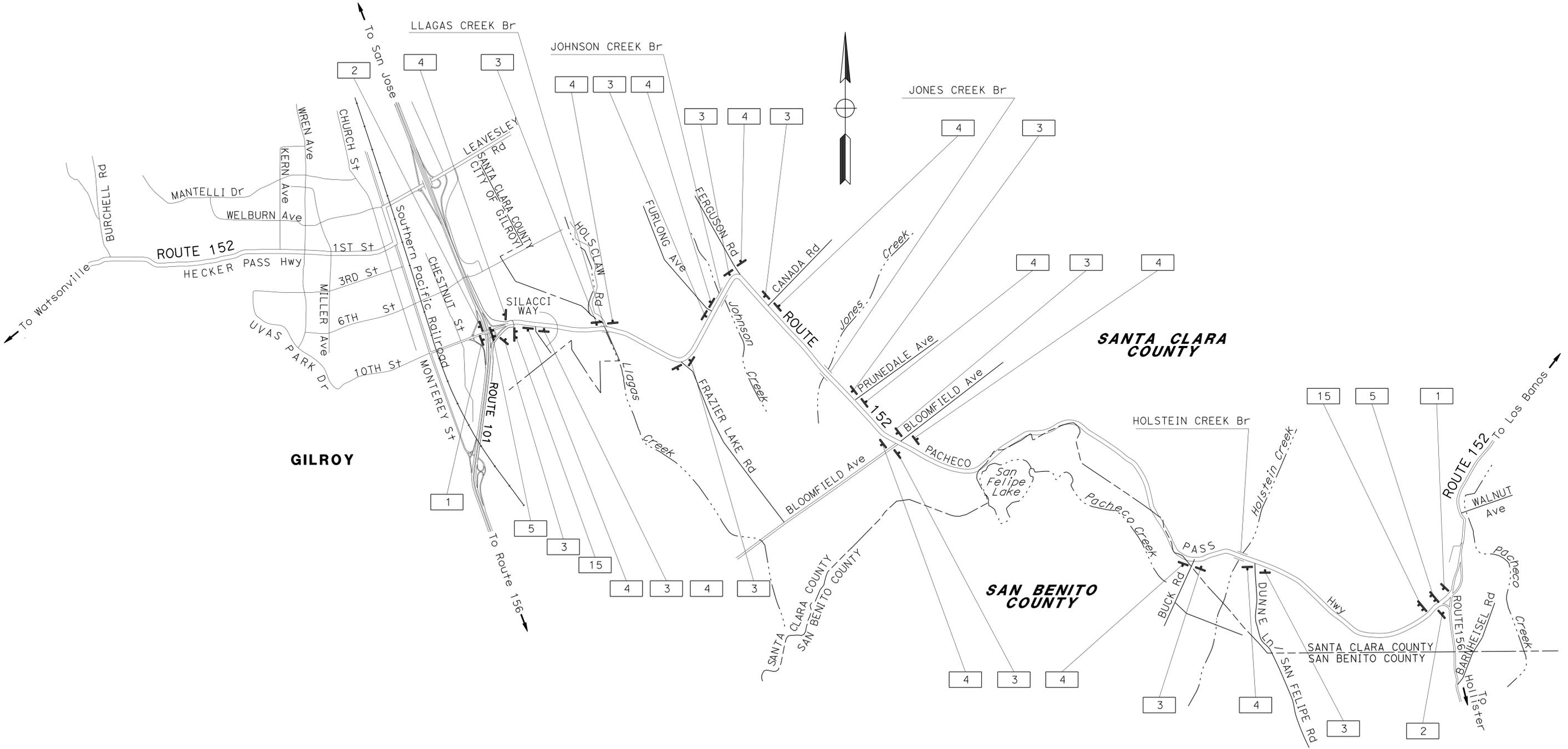
X RAMP CLOSED

NOTE:

LOCATION OF CONSTRUCTION AREA SIGNS SHOWN ARE APPROXIMATE, EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	45	106

Jerilyn L. Struven 5/30/14
 REGISTERED CIVIL ENGINEER DATE
 No. 49964
 Exp. 12-31-14
 CIVIL
 STATE OF CALIFORNIA
 6-23-14
 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.

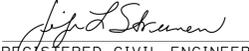


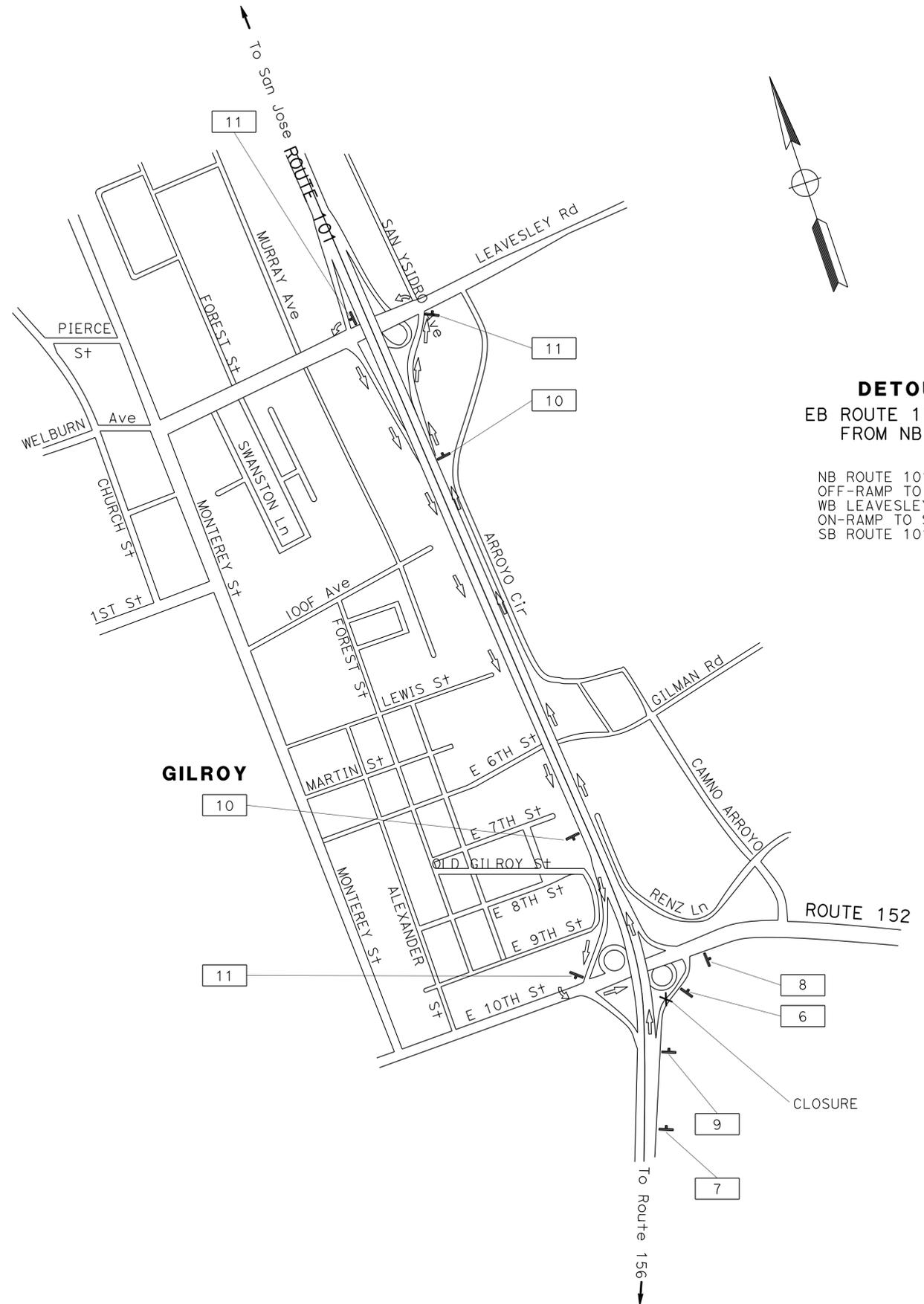
CONSTRUCTION AREA SIGNS
 NO SCALE

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

CS-1

LAST REVISION DATE PLOTTED => 21-JUL-2014 03-28-14 TIME PLOTTED => 10:33

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	46	106
			5/30/14		
REGISTERED CIVIL ENGINEER			DATE		
6-23-14			PLANS APPROVAL DATE		
<small>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.</small>					



DETOUR PLAN No. 1
 EB ROUTE 152 CONNECTOR ON-RAMP
 FROM NB ROUTE 101 CLOSED

NB ROUTE 101
 OFF-RAMP TO LEAVESLEY RD
 WB LEAVESLEY RD
 ON-RAMP TO SB ROUTE 101
 SB ROUTE 101 TO CONNECTOR OFF-RAMP TO EB ROUTE 152

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	ROY YUAN	REVISOR	RY
Caltrans	JERILYN STRUVEN	DATE REVISED	4/28/14
FUNCTIONAL SUPERVISOR	CHECKED BY	DESIGNED BY	
ROLAND AU-YEUNG			
TRAFFIC			

CONSTRUCTION AREA SIGNS
 NO SCALE

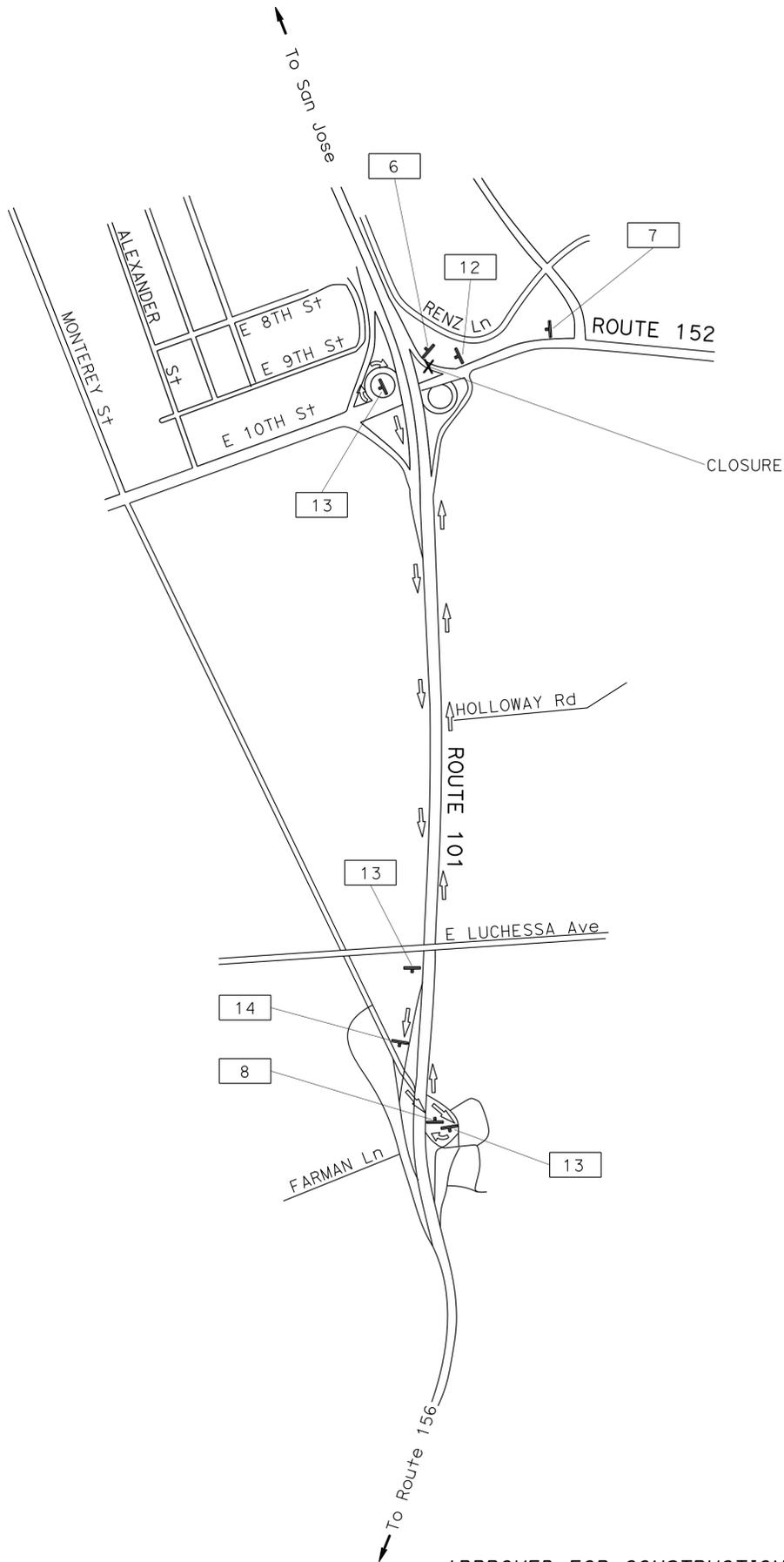
APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

FOR NOTES, ABBREVIATIONS
 AND LEGEND, SEE SHEET CS-1

CS-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	ROY YUAN	REVISOR	RY
			ROLAND AU-YEUNG	JERILYN STRUVEN	DATE
TRAFFIC		CHECKED BY			

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	47	106
			5/30/14		
REGISTERED CIVIL ENGINEER			DATE		
6-23-14			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.					



DETOUR PLAN No. 2
 WB ROUTE 152 CONNECTOR OFF-RAMP
 TO NB ROUTE 101 CLOSED

CONNECTOR OFF-RAMP TO SB ROUTE 101
 SB ROUTE 101
 OFF-RAMP TO MONTEREY ST
 SB MONTEREY ST TO LOOP ON-RAMP
 TO NB ROUTE 101

CONSTRUCTION AREA SIGNS
 NO SCALE

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET CS-1

CS-3

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	48	106

J. L. Struven 5/30/14
 REGISTERED CIVIL ENGINEER DATE

6-23-14
 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
 No. 49964
 Exp. 12-31-14
 CIVIL
 STATE OF CALIFORNIA

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN No.	SIGN CODE		PANEL SIZE	SIGN MESSAGE	NUMBER OF POSTS AND SIZE	No. OF SIGNS
	FEDERAL	CALIFORNIA				
1	W20-1		48" x 48"	ROAD WORK AHEAD	(ONE) 4" x 6"	2
2	G20-2		48" x 24"	END ROAD WORK	(ONE) 4" x 4"	2
3	W20-1		48" x 36"	ROAD WORK AHEAD	(ONE) 4" x 6"	12
4	G20-2		36" x 18"	END ROAD WORK	(ONE) 4" x 4"	12
5	G20-1		60" x 36"	ROAD WORK NEXT 12 MILES	(TWO) 4" x 4"	2
6		SC6-4	48" x 60"	RAMP CLOSED (DATE & TIME)	(ONE) 6" x 6"	2
7	W20-2		48" x 48"	DETOUR AHEAD	(ONE) 4" x 6"	2
8	M4-8a		24" x 18"	END DETOUR	(ONE) 4" x 4"	2
9		SC-3(↑)	48" x 18"	DETOUR (STRAIGHT AHEAD ARROW)	(ONE) 4" x 6"	1
		G28-2(152)	28" x 25"	ROUTE SHIELD		
10		M3-2	21" x 9"	EAST	(ONE) 4" x 6"	2
		M4-8	21" x 9"	DETOUR		
		G28-2(152)	28" x 25"	ROUTE SHIELD		
		M3-2	21" x 9"	EAST		
11		M6-2(↗)	21" x 15"	DETOUR (DIAGONAL ARROW)	(ONE) 4" x 6"	3
		M4-10(L+)	48" x 18"	DETOUR (LEFT)		
		G28-2(152)	28" x 25"	ROUTE SHIELD		
12		M3-2	21" x 9"	EAST	(ONE) 4" x 6"	1
		SC-3(↑)	48" x 18"	DETOUR (STRAIGHT AHEAD ARROW)		
		G26-2(101)	28" x 24"	ROUTE SHIELD		
13		M3-1	21" x 9"	NORTH	(ONE) 4" x 6"	3
		M4-8	21" x 9"	DETOUR		
		G26-2(101)	28" x 24"	ROUTE SHIELD		
		M6-2(↗)	21" x 15"	DETOUR (DIAGONAL ARROW)		
14		M4-10(L+)	48" x 18"	DETOUR (LEFT)	(ONE) 4" x 6"	1
		G26-2(101)	28" x 24"	ROUTE SHIELD		
		M3-1	21" x 9"	NORTH		
15		C40	72" x 36"	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES	(TWO) 4" x 6"	2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 FUNCTIONAL SUPERVISOR: ROLAND AU-YEUNG
 CHECKED BY: JERILYN STRUVEN
 REVISIONS: 4/28/14
 RY: 4/28/14

CONSTRUCTION AREA SIGNS

CS-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 GHULAM POPAL
 FUNCTIONAL SUPERVISOR
 CHECKED BY
 AHMED RAHID
 TOMO MORI
 REVISOR BY
 AR
 DATE
 2/11/14

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

NOTE:
 1. ALL PAVEMENT DELINEATION SHALL BE PLACED
 ON THE SAME ALIGNMENT AND LOCATIONS
 AS EXISTING PAVEMENT DELINEATION
 OR AS DIRECTED BY THE ENGINEER.

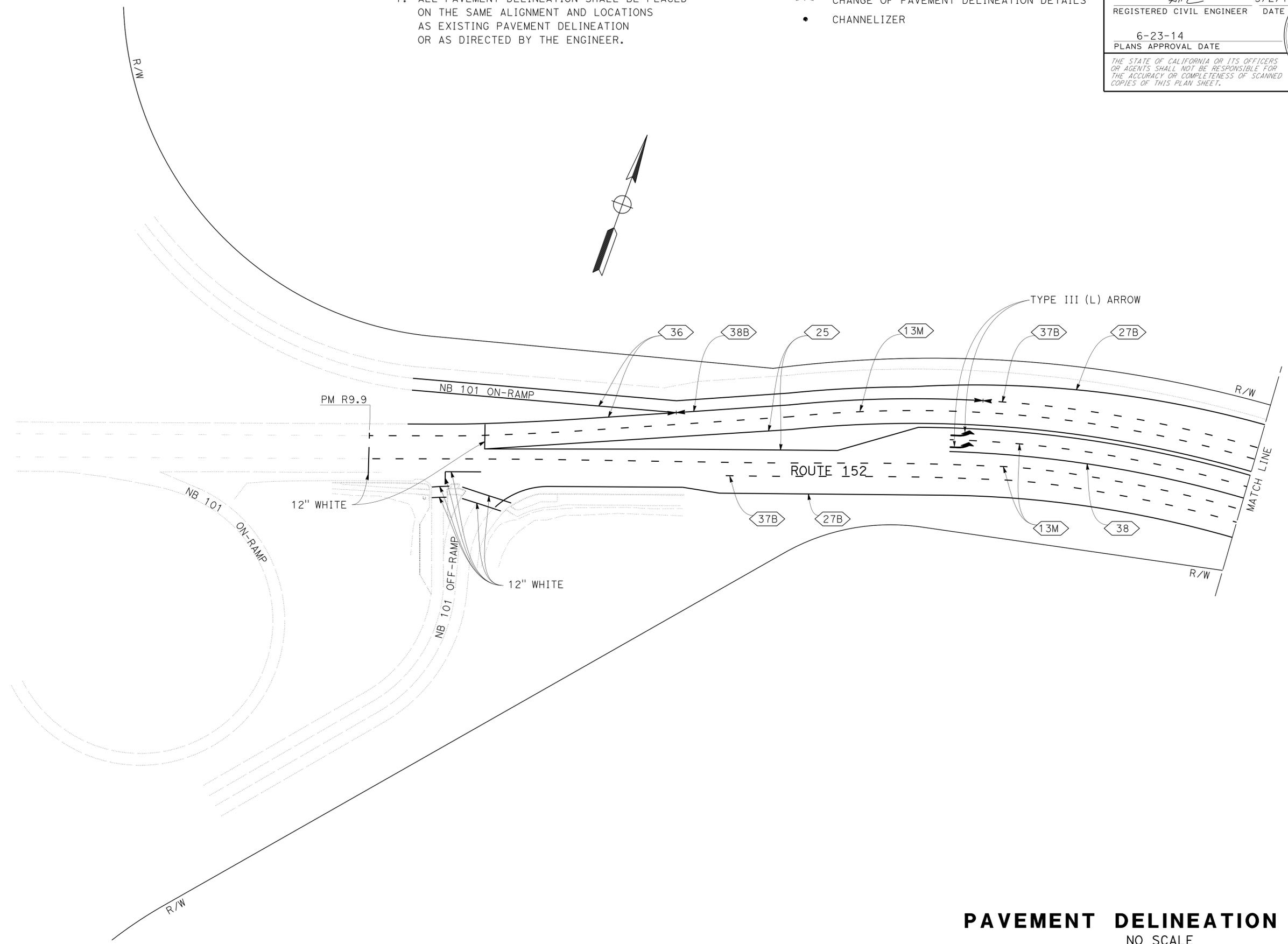
LEGEND:
 CHANGE OF PAVEMENT DELINEATION DETAILS
 CHANNELIZER

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	49	106

REGISTERED CIVIL ENGINEER
 Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 CIVIL
 STATE OF CALIFORNIA

5/2/14
 DATE
 6-23-14
 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.



PAVEMENT DELINEATION PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

PD-1

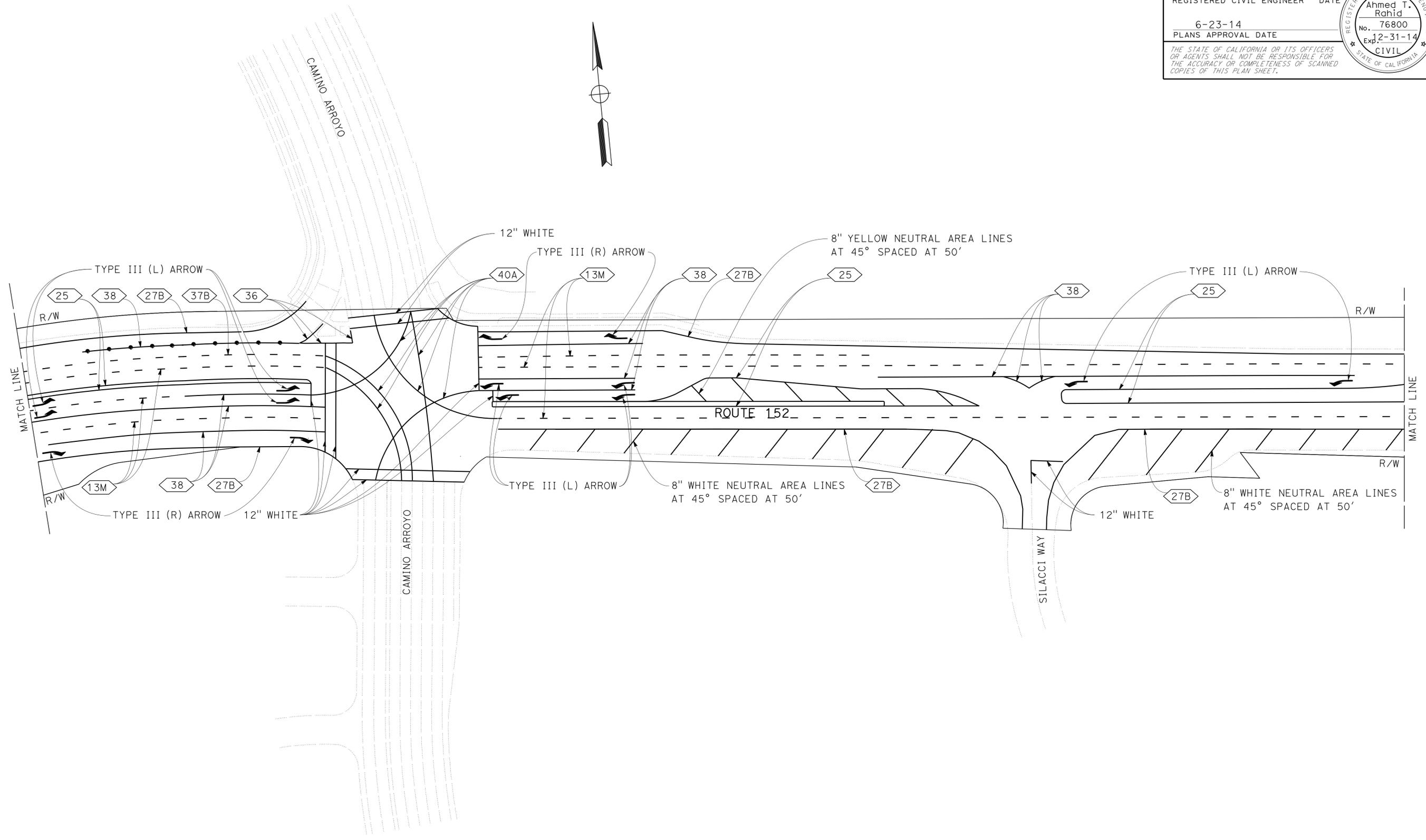
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: AHMED RAHID
 CHECKED BY: AHMED RAHID
 TOMO MORI
 REVISED BY: AR
 DATE REVISED: 2/11/14

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
04	SCI	152	R9.9/21.9	50	106

5/2/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE
 Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 CIVIL
 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.



APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PAVEMENT DELINEATION PLAN
 NO SCALE

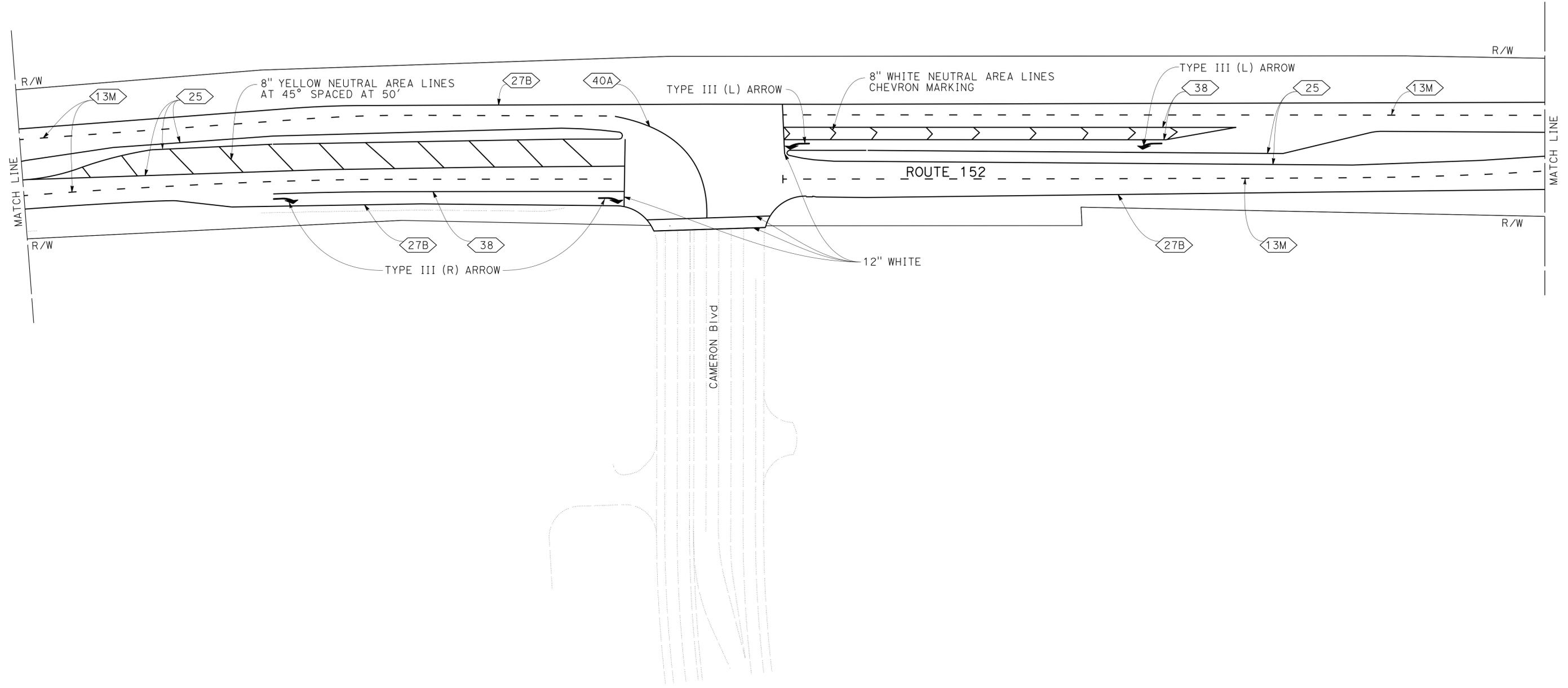
PD-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: TOMO MORI
 CHECKED BY: AHMED RAHID
 REVISIONS: AR 2/11/14

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
04	SCI	152	R9.9/21.9	51	106
			5/2/14		
REGISTERED CIVIL ENGINEER			DATE		
6-23-14			PLANS APPROVAL DATE		
REGISTERED PROFESSIONAL ENGINEER Ahmed T. Rahid No. 76800 Exp. 2-31-14 CIVIL STATE OF CALIFORNIA					
<small>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.</small>					



PAVEMENT DELINEATION PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PD-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 GHULAM POPAL

CALCULATED-DESIGNED BY
 CHECKED BY

TOMO MORI
 AHMED RAHID

REVISED BY
 DATE REVISED

AR
 2/11/14

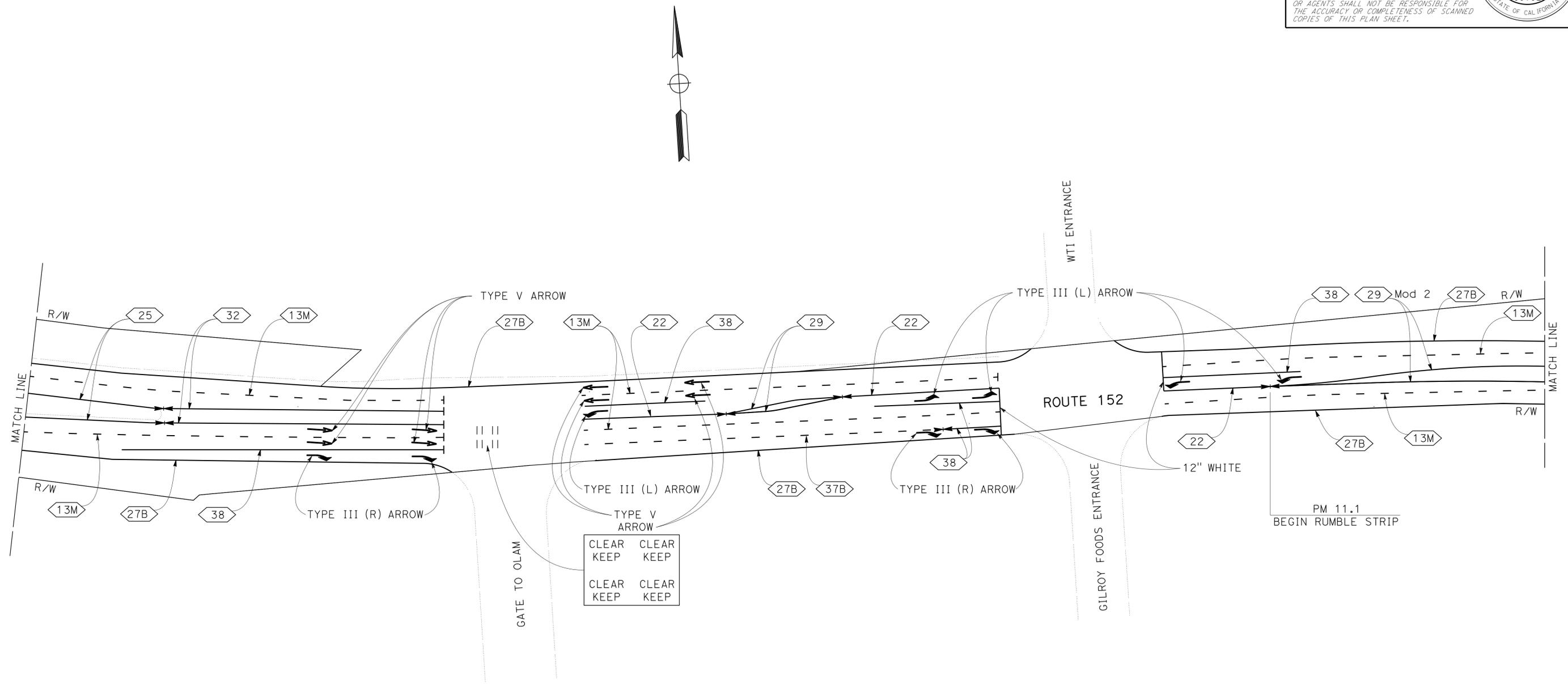
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	52	106

5/2/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 CIVIL

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.



APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS
 AND LEGEND, SEE SHEET PD-1

PAVEMENT DELINEATION PLAN
 NO SCALE

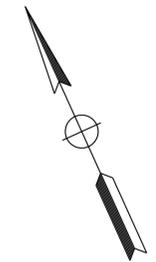
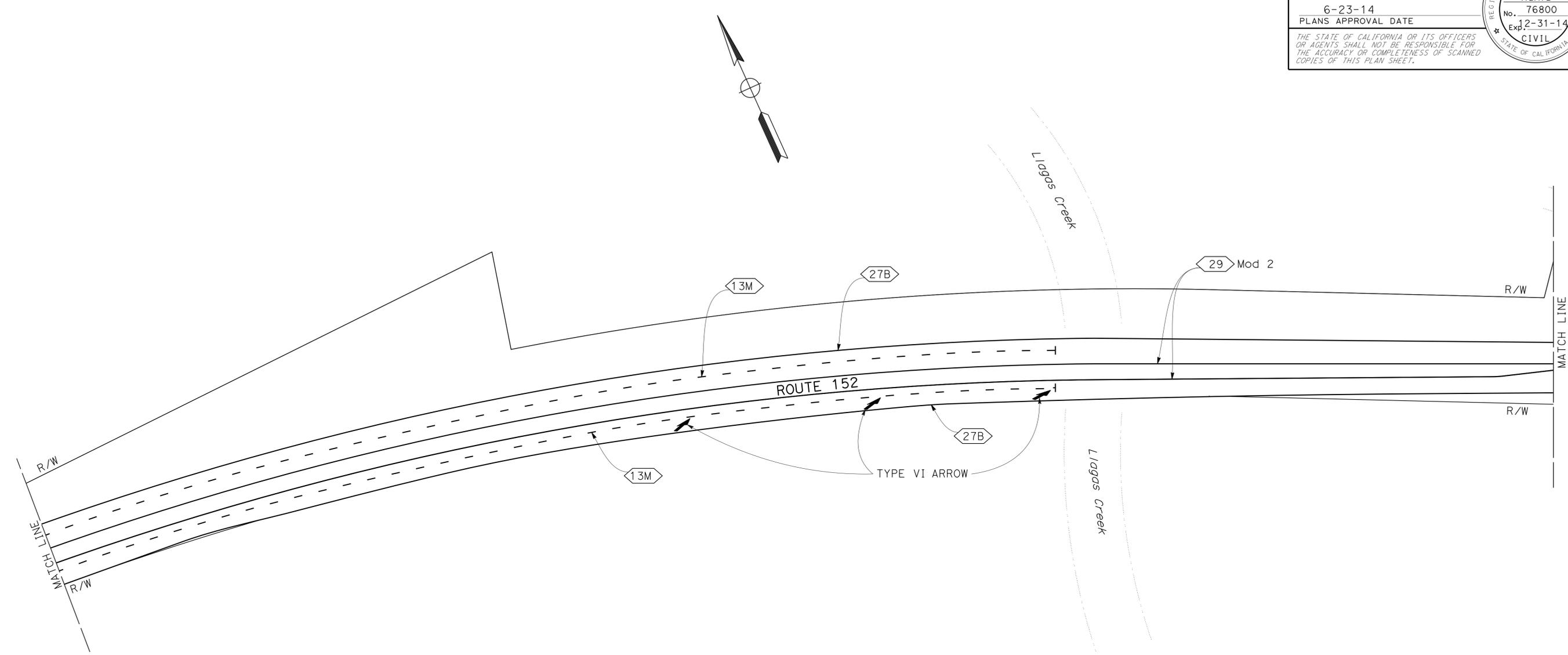
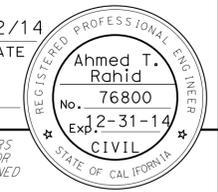
PD-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: [blank]
 CHECKED BY: [blank]
 TOMO MORI
 AHMED RAHID
 REVISED BY: AR
 DATE REVISED: 2/11/14

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
04	SCI	152	R9.9/21.9	53	106
			5/2/14		
REGISTERED CIVIL ENGINEER			DATE		
6-23-14			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.					



PAVEMENT DELINEATION PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PD-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR	GHULAM POPAL
CALCULATED/DESIGNED BY	TOMO MORI
CHECKED BY	AHMED RAHID
REVISOR	AR
DATE	2/11/14

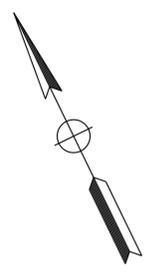
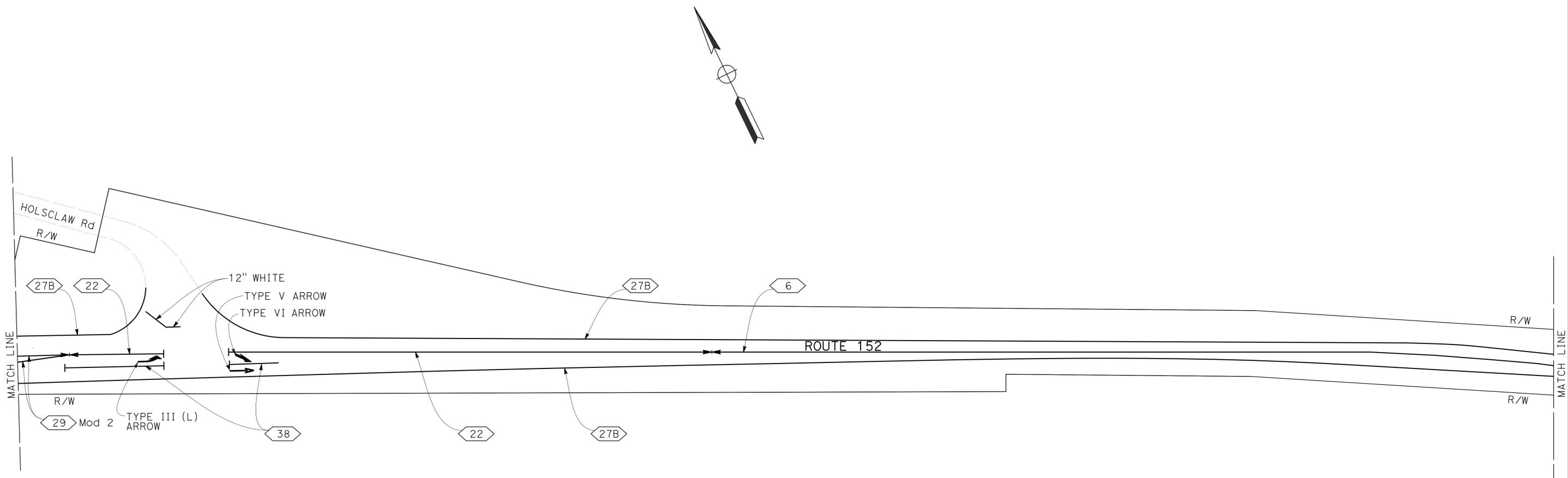
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	54	106

5/2/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 CIVIL

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 PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PD-6

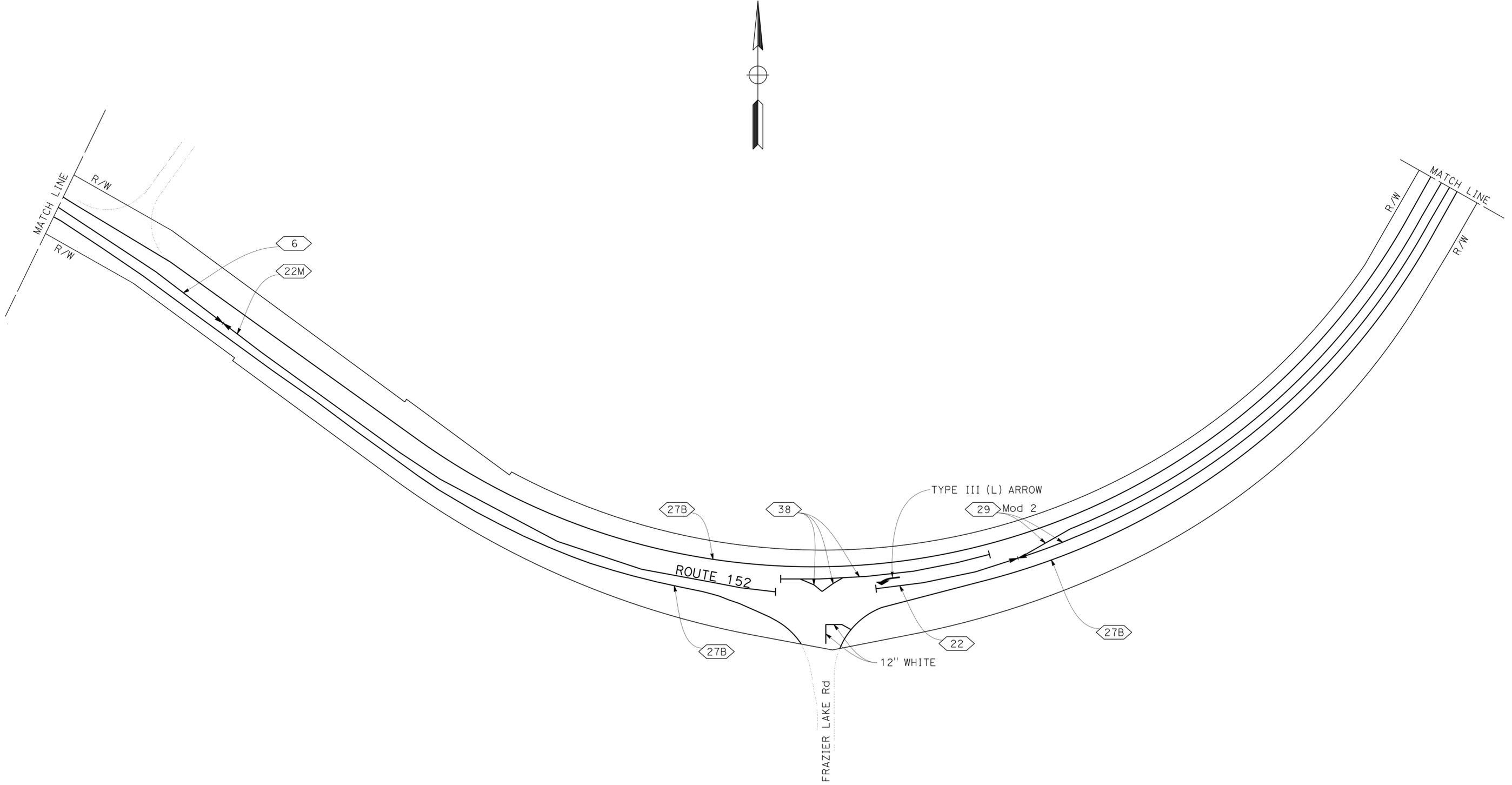
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: [blank]
 CHECKED BY: [blank]
 TOMO MORI
 AHMED RAHID
 REVISED BY: [blank]
 DATE REVISED: [blank]
 AR
 2/11/14

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
04	SCI	152	R9.9/21.9	55	106

REGISTERED CIVIL ENGINEER: *Ahmed T. Rahid* DATE: 5/2/14
 PLANS APPROVAL DATE: 6-23-14
 No. 76800 Exp. 2-31-14
 CIVIL
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 PLAN
 NO SCALE

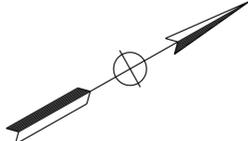
APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

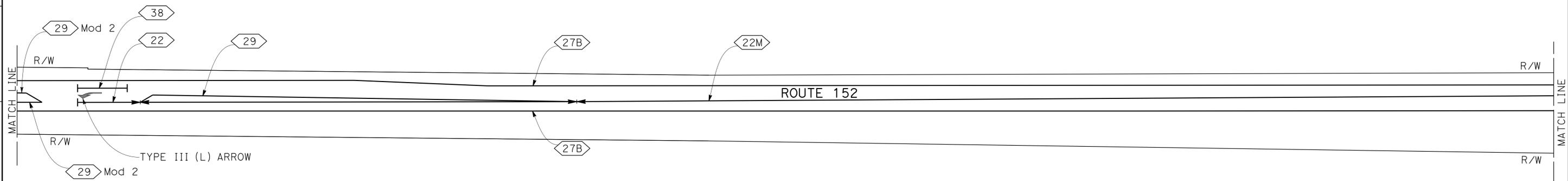
PD-7

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	56	106
			5/2/14		
REGISTERED CIVIL ENGINEER			DATE		
6-23-14			PLANS APPROVAL DATE		
<small>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.</small>					

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN	FUNCTIONAL SUPERVISOR	GHULAM POPAL	CALCULATED/DESIGNED BY	TOMO MORI	REVISOR	AR
				CHECKED BY	AHMED RAHID	DATE REVISED	2/11/14



PAVEMENT DELINEATION PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

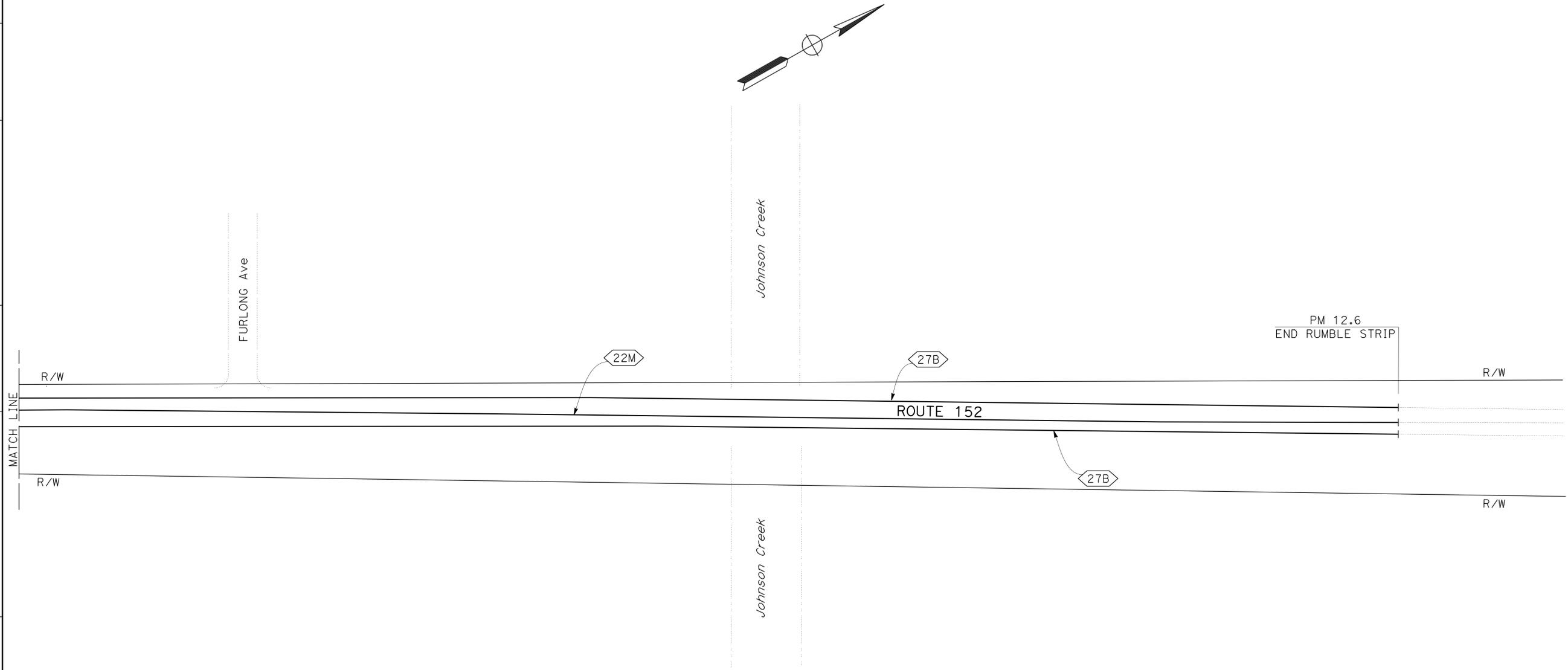
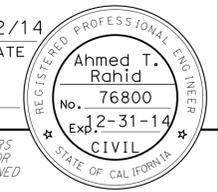
PD-8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR	GHULAM POPAL
CALCULATED/DESIGNED BY	TOMO MORI
CHECKED BY	AHMED RAHID
REVISOR	AR
DATE	2/11/14

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

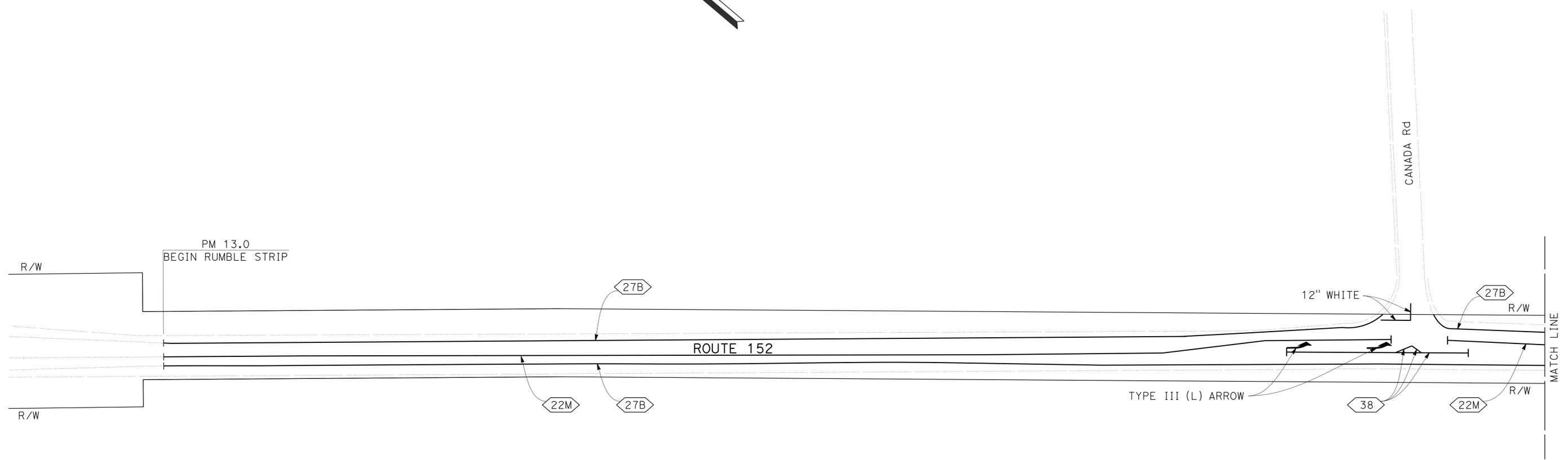
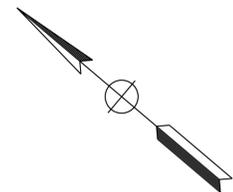
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	57	106
			REGISTERED CIVIL ENGINEER	DATE	
			Ahmed T. Rahid	5/2/14	
			No. 76800		
			PLANS APPROVAL DATE		
			6-23-14		
			Exp. 2-31-14		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					



PAVEMENT DELINEATION PLAN
 NO SCALE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	58	106
			REGISTERED CIVIL ENGINEER	DATE	
			5/2/14		
			6-23-14		
			PLANS APPROVAL DATE		
<small>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.</small>					

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED- DESIGNED BY	TOMO MORI	REVISOR BY	AR
Caltrans	GHULAM POPAL	CHECKED BY	AHMED RAHID	DATE REVISED	2/11/14
DESIGN					

PAVEMENT DELINEATION PLAN
NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS
AND LEGEND, SEE SHEET PD-1

PD-10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR
 GHULAM POPAL
 CALCULATED/DESIGNED BY
 CHECKED BY
 TOMO MORI
 AHMED RAHID
 REVISED BY
 DATE REVISED
 AR
 2/11/14

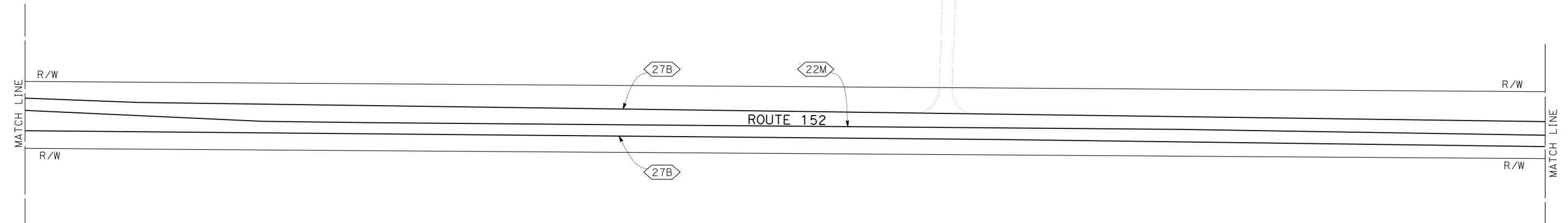
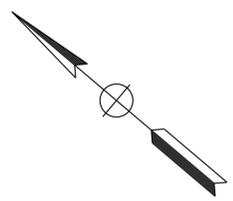
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	59	106

5/2/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 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.



PAVEMENT DELINEATION PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

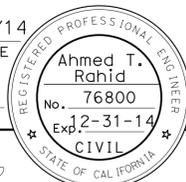
FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PD-11

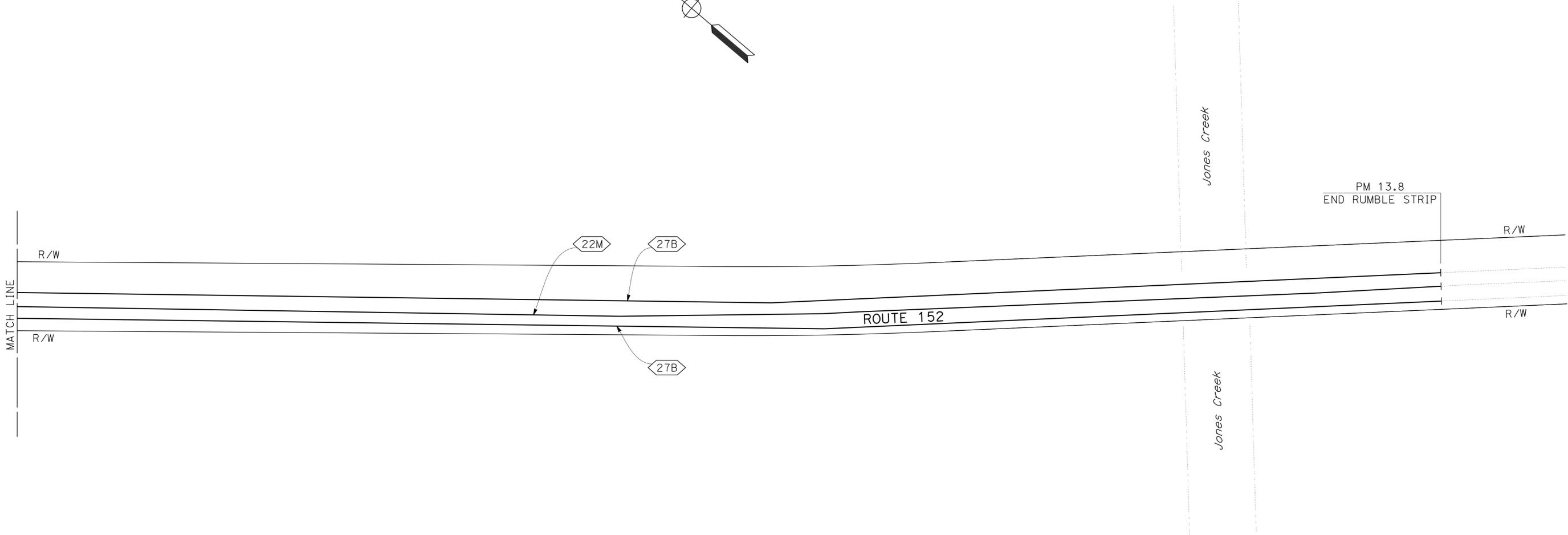
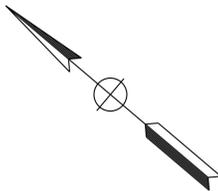
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	TOMO MORI	REVISED BY	AR
	GHULAM POPAL	CHECKED BY	AHMED RAHID	DATE REVISED	2/11/14
DESIGN					

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
04	SCI	152	R9.9/21.9	60	106
			REGISTERED CIVIL ENGINEER	DATE	
			6-23-14	5/2/14	
			PLANS APPROVAL DATE		



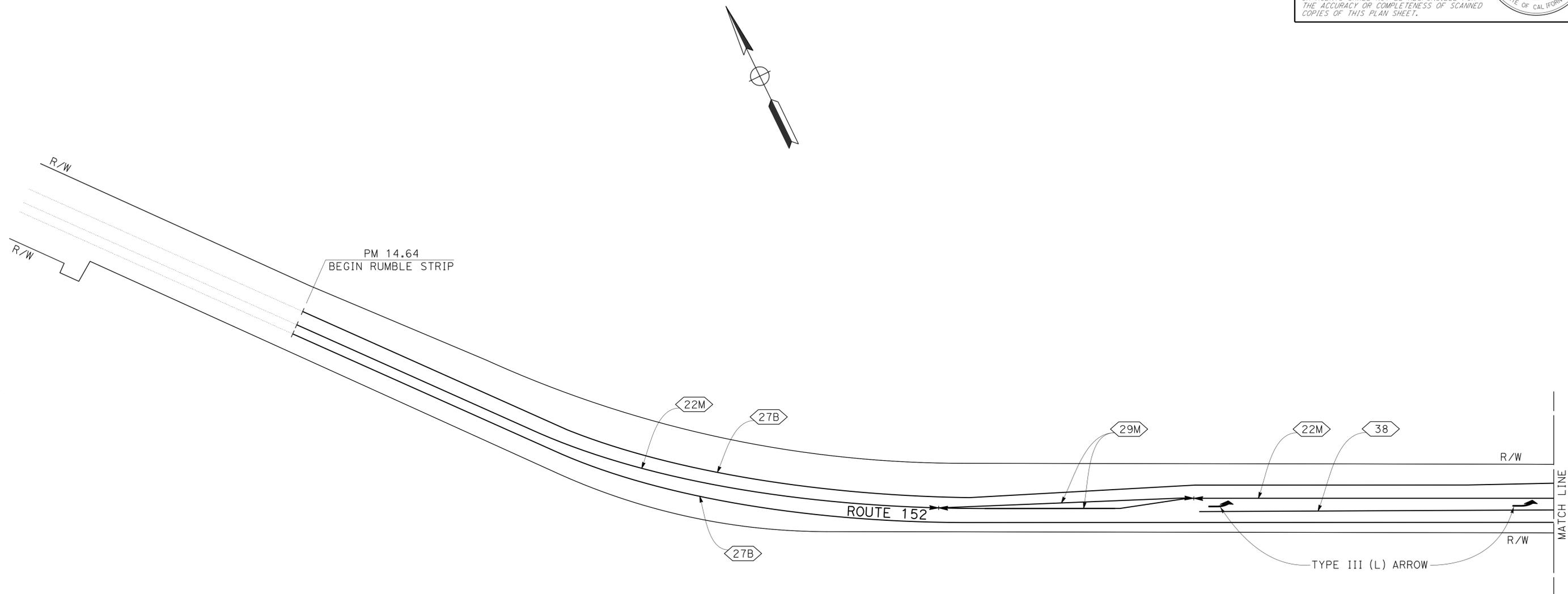
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	61	106
			REGISTERED CIVIL ENGINEER	DATE	
			5/2/14		
			6-23-14		
			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.					

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

AR	2/11/14				
REVISOR	DATE	DESIGNER	CHECKER	FUNCTIONAL SUPERVISOR	DESIGN
		GHULAM POPAL			
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION 					



APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

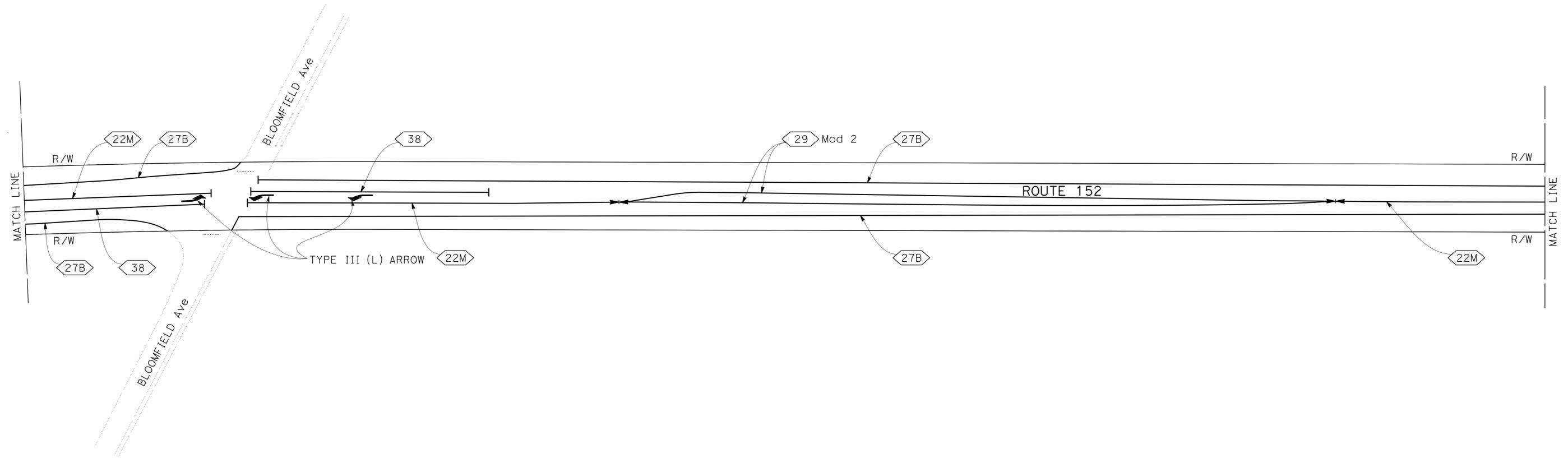
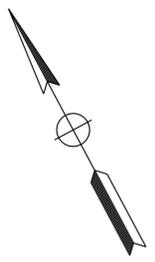
PAVEMENT DELINEATION PLAN
 NO SCALE

PD-13

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: [blank]
 CHECKED BY: [blank]
 TOMO MORI
 AHMED RAHID
 REVISED BY: AR
 DATE REVISED: 2/11/14

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
04	SCI	152	R9.9/21.9	62	106
			5/2/14		
REGISTERED CIVIL ENGINEER			DATE		
6-23-14			PLANS APPROVAL DATE		
<small>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.</small>					



PAVEMENT DELINEATION PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PD-14

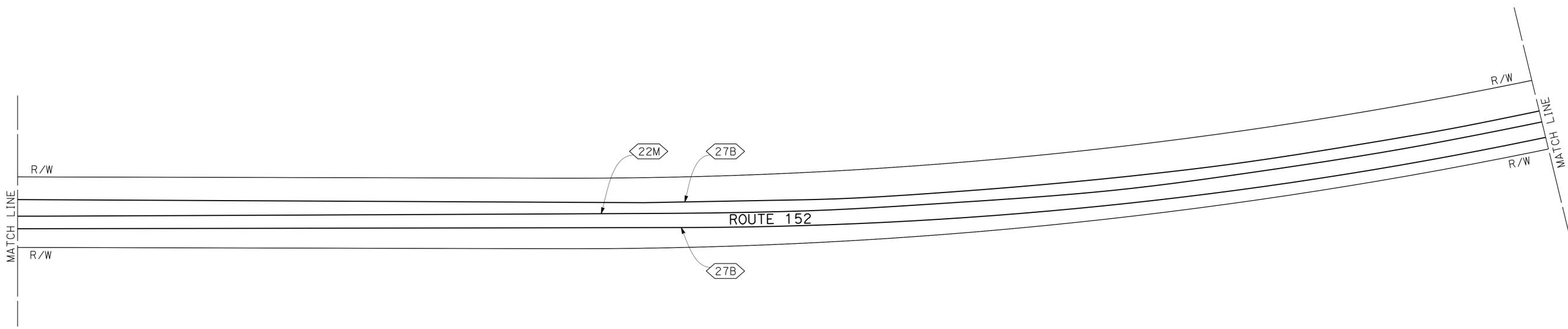
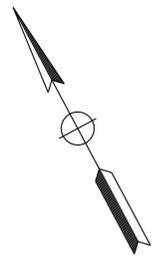
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: [blank]
 CHECKED BY: [blank]
 TOMO MORI
 AHMED RAHID
 REVISED BY: AR
 DATE REVISED: 2/11/14

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
04	SCI	152	R9.9/21.9	63	106

REGISTERED CIVIL ENGINEER: *Ahmed T. Rahid* DATE: 5/2/14
 PLANS APPROVAL DATE: 6-23-14
 No. 76800
 Exp. 2-31-14
 CIVIL
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 PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PD-15

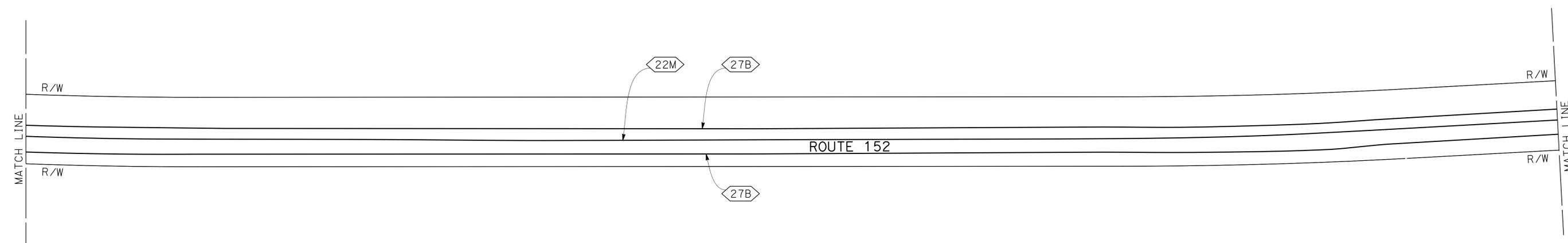
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: [blank]
 CHECKED BY: [blank]
 TOMO MORI
 AHMED RAHID
 REVISED BY: [blank]
 DATE REVISED: [blank]
 AR
 2/11/14

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
04	SCI	152	R9.9/21.9	64	106

REGISTERED CIVIL ENGINEER: *Ahmed T. Rahid* DATE: 5/2/14
 PLANS APPROVAL DATE: 6-23-14
 No. 76800
 Exp. 12-31-14
 CIVIL
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 PLAN
 NO SCALE

PD-16

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: [blank]
 CHECKED BY: [blank]
 TOMO MORI
 AHMED RAHID
 REVISED BY: [blank]
 DATE REVISED: [blank]
 AR
 2/11/14

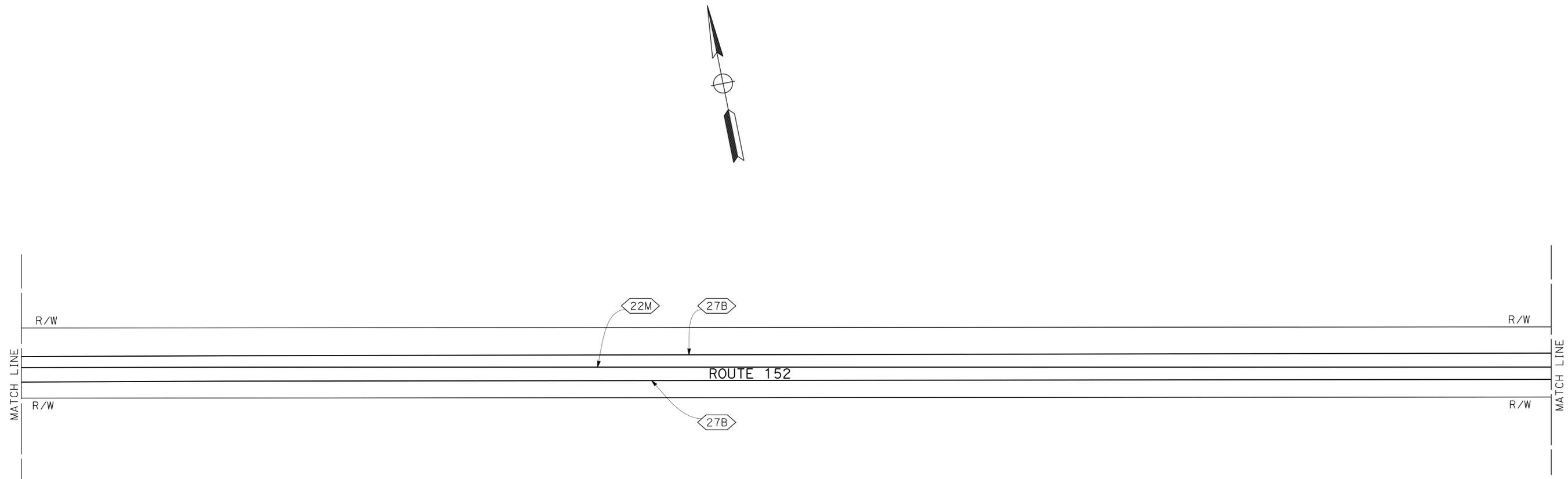
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	65	106

5/2/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 CIVIL

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 PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

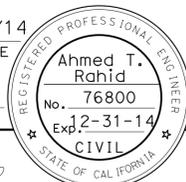
PD-17

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

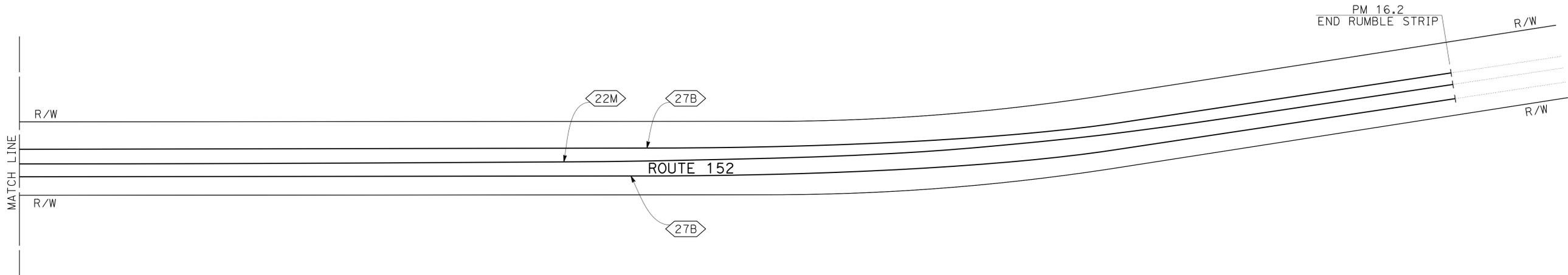
FUNCTIONAL SUPERVISOR	GHULAM POPAL
CALCULATED/DESIGNED BY	CHECKED BY
TOMO MORI	AHMED RAHID
REVISED BY	DATE REVISED
AR	2/11/14

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
04	SCI	152	R9.9/21.9	66	106
			REGISTERED CIVIL ENGINEER	DATE	
			5/2/14		
			6-23-14		
			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.



PAVEMENT DELINEATION PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

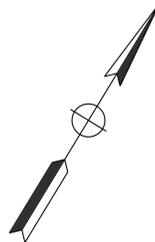
FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PD-18



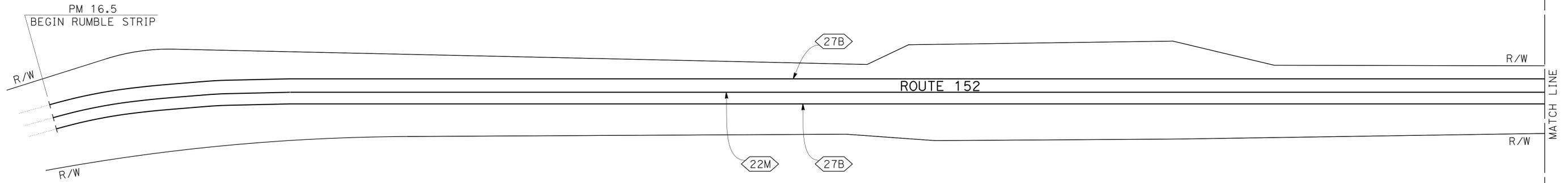
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR
 GHULAM POPAL
 CALCULATED/DESIGNED BY
 CHECKED BY
 TOMO MORI
 AHMED RAHID
 REVISED BY
 DATE REVISED
 AR
 2/11/14

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
04	SCI	152	R9.9/21.9	67	106

REGISTERED CIVIL ENGINEER: *Ahmed T. Rahid* DATE: 5/2/14
 PLANS APPROVAL DATE: 6-23-14
 No. 76800
 Exp. 2-31-14
 CIVIL
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 PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PD-19

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: [blank]
 CHECKED BY: [blank]
 TOMO MORI
 AHMED RAHID
 REVISED BY: AR
 DATE REVISED: 2/11/14

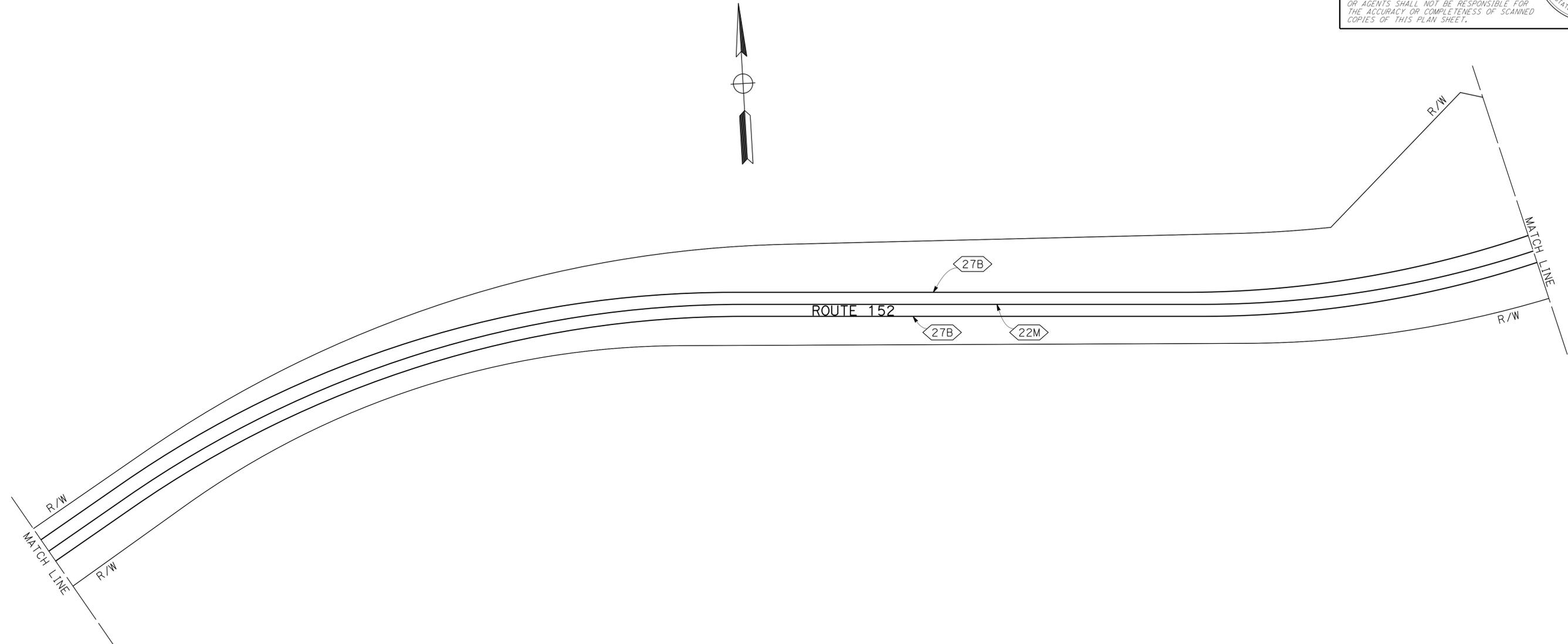
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	68	106

REGISTERED CIVIL ENGINEER: *Ahmed T. Rahid* DATE: 5/2/14
 PLANS APPROVAL DATE: 6-23-14

REGISTERED PROFESSIONAL ENGINEER
 Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 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.



APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PAVEMENT DELINEATION PLAN
 NO SCALE

PD-20

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: [blank]
 CHECKED BY: [blank]
 TOMO MORI
 AHMED RAHID
 REVISED BY: [blank]
 DATE REVISED: [blank]
 AR
 2/11/14

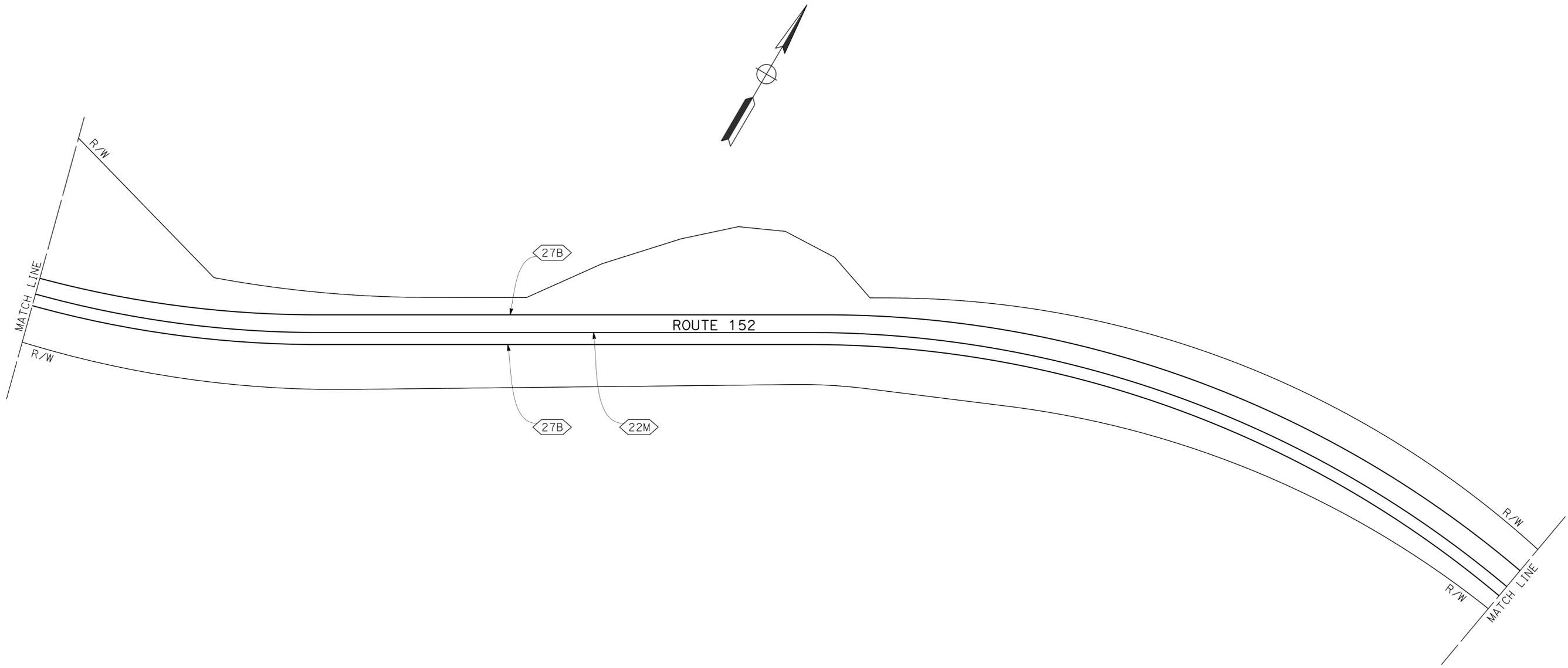
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	69	106

5/2/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 CIVIL

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 PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PD-21

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: [Blank]
 CHECKED BY: [Blank]
 TOMO MORI
 AHMED RAHID
 REVISED BY: AR
 DATE REVISED: 2/11/14

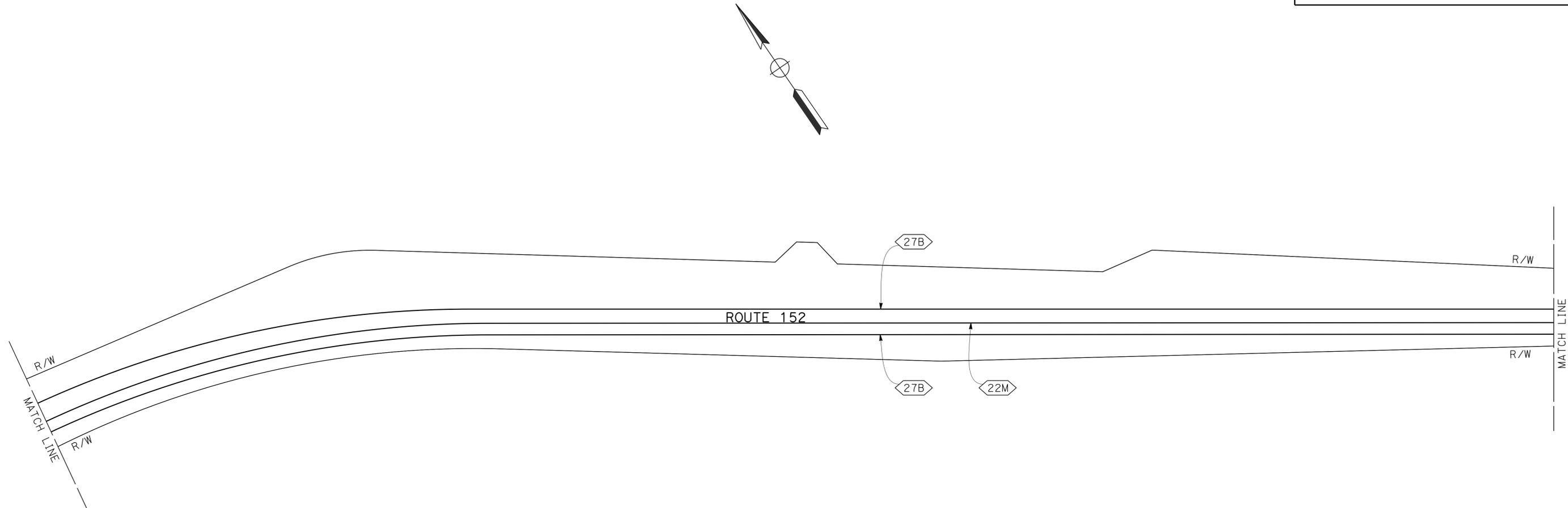
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	70	106

REGISTERED CIVIL ENGINEER: *Ahmed T. Rahid* DATE: 5/2/14
 PLANS APPROVAL DATE: 6-23-14

REGISTERED PROFESSIONAL ENGINEER
 Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 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.



PAVEMENT DELINEATION PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PD-22

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: [blank]
 CHECKED BY: [blank]
 TOMO MORI
 AHMED RAHID
 REVISED BY: [blank]
 DATE REVISED: [blank]
 AR
 2/11/14

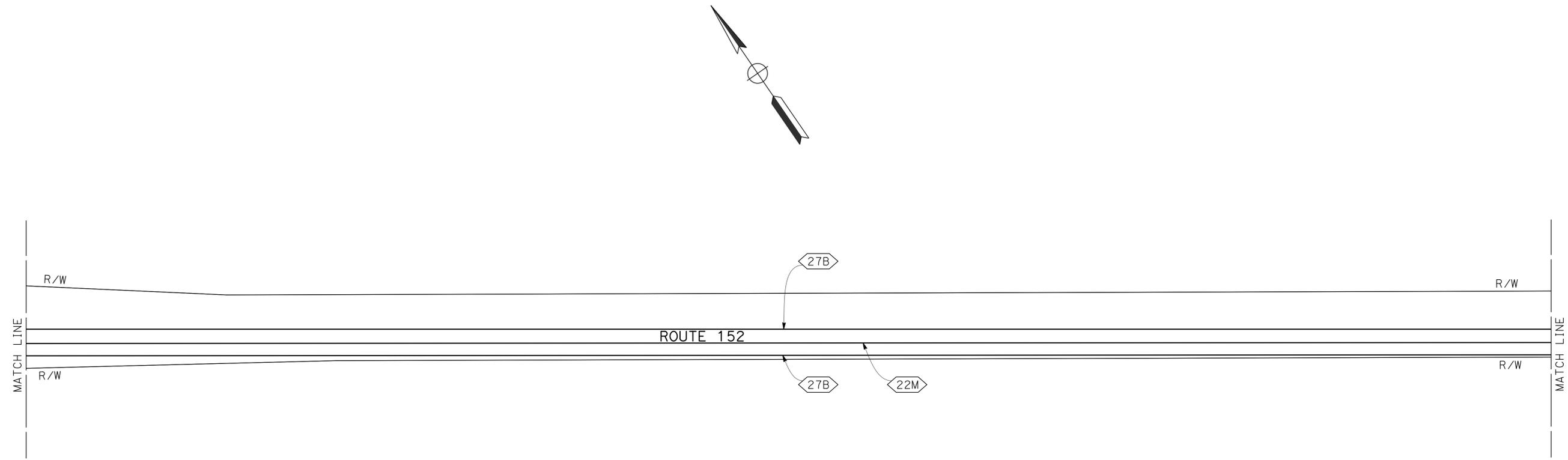
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	71	106

5/2/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 CIVIL

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 PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PD-23

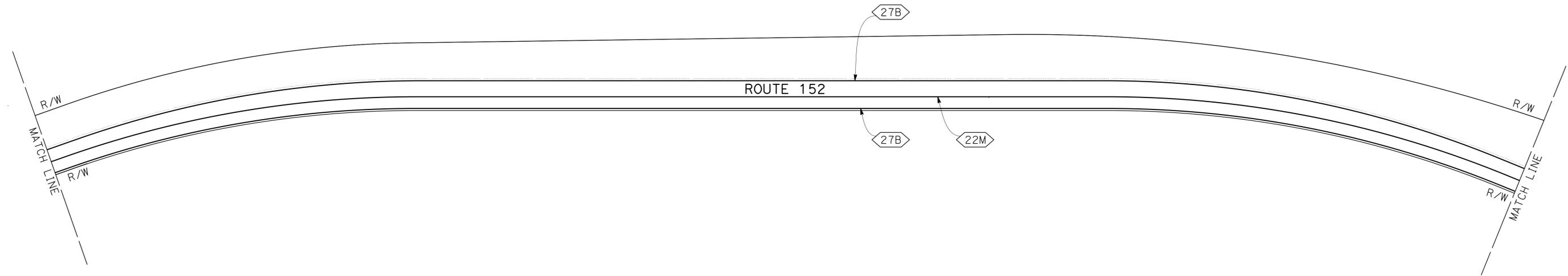
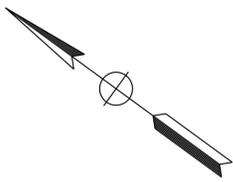
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: CHECKED BY:
 TOMO MORI
 AHMED RAHID
 REVISED BY: AR
 DATE REVISED: 2/11/14

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
04	SCI	152	R9.9/21.9	72	106

REGISTERED CIVIL ENGINEER: *Ahmed T. Rahid* DATE: 5/2/14
 PLANS APPROVAL DATE: 6-23-14
 No. 76800
 Exp. 2-31-14
 CIVIL
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 PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PD-24

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 GHULAM POPAL

CALCULATED/DESIGNED BY
 CHECKED BY

TOMO MORI
 AHMED RAHID

REVISED BY
 DATE REVISED

AR
 2/11/14

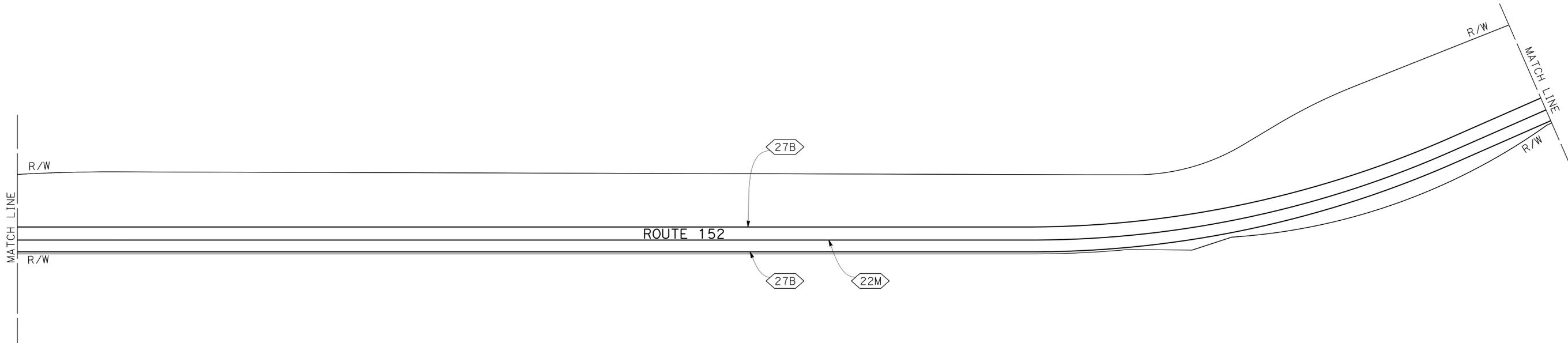
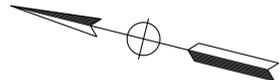
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	73	106

 5/2/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 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.



PAVEMENT DELINEATION PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PD-25

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR
 GHULAM POPAL
 CALCULATED/DESIGNED BY
 CHECKED BY
 TOMO MORI
 AHMED RAHID
 REVISED BY
 DATE REVISED
 AR
 2/11/14

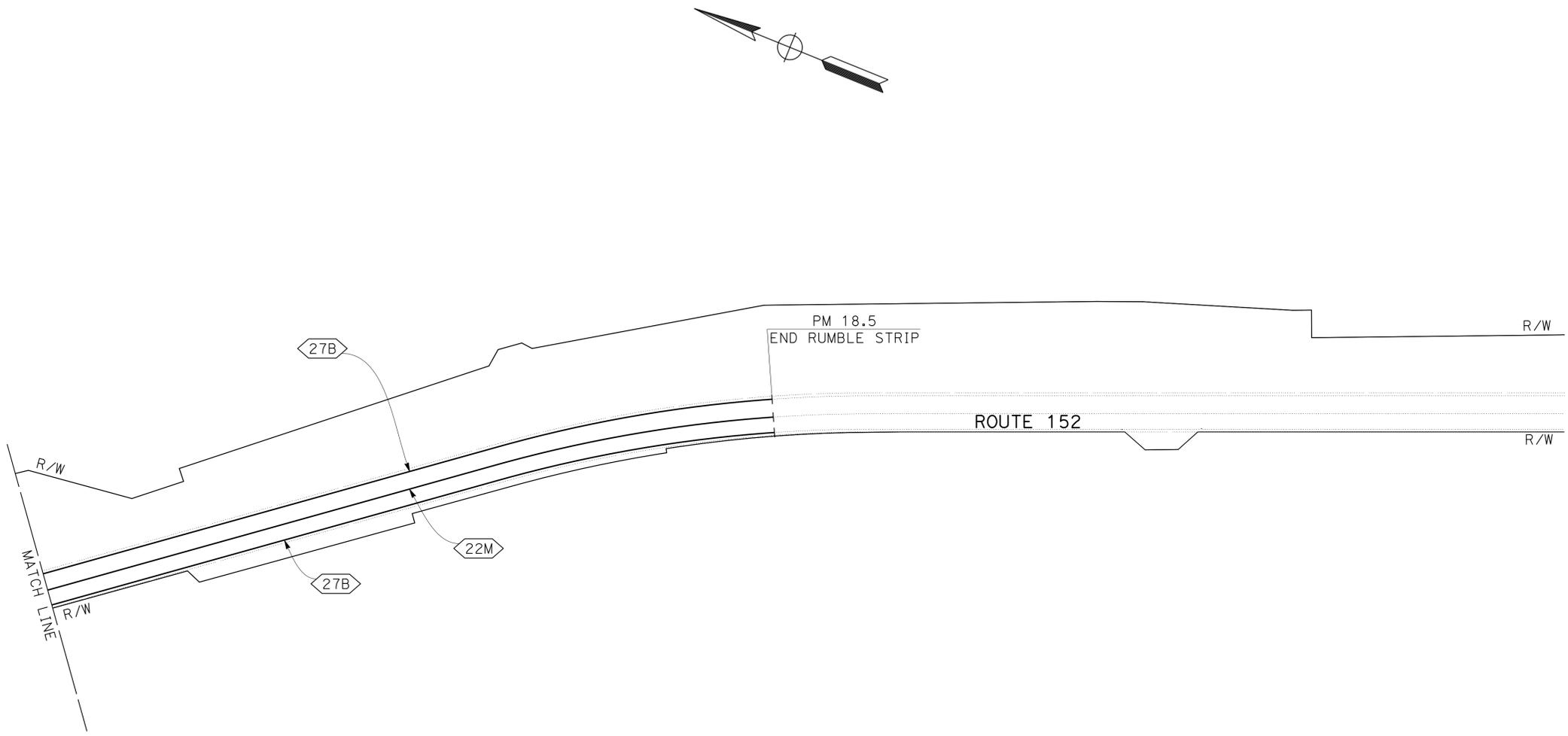
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	74	106

5/2/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 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.



PAVEMENT DELINEATION PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PD-26



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: [blank]
 CHECKED BY: [blank]
 TOMO MORI
 AHMED RAHID
 REVISED BY: AR
 DATE REVISED: 2/11/14

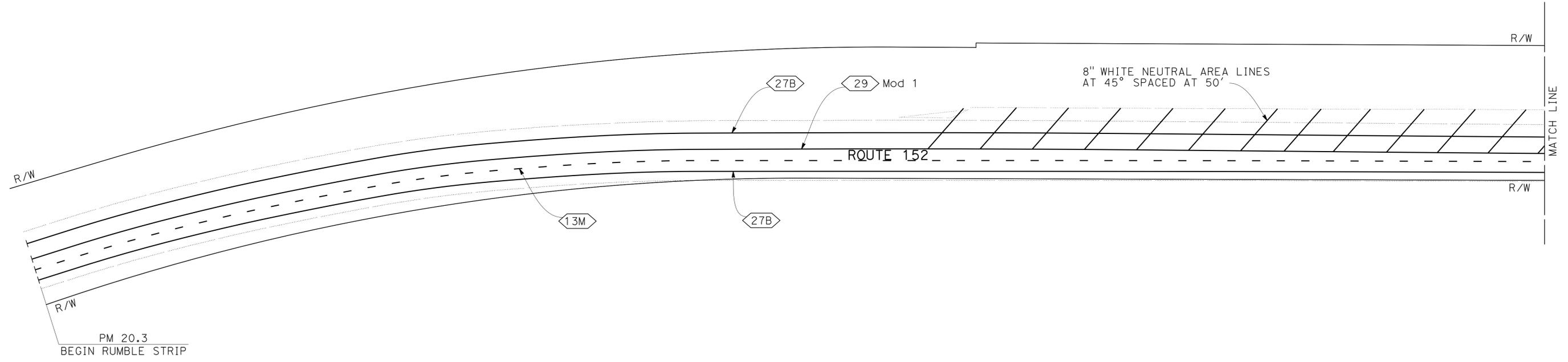
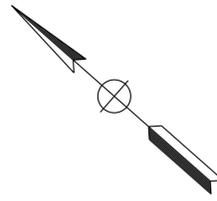
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	75	106

REGISTERED CIVIL ENGINEER: *Ahmed T. Rahid* DATE: 5/2/14
 PLANS APPROVAL DATE: 6-23-14

REGISTERED PROFESSIONAL ENGINEER
 Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 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.



PAVEMENT DELINEATION PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

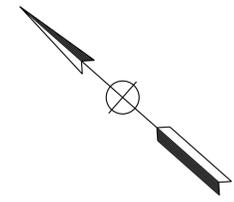
FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PD-27

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

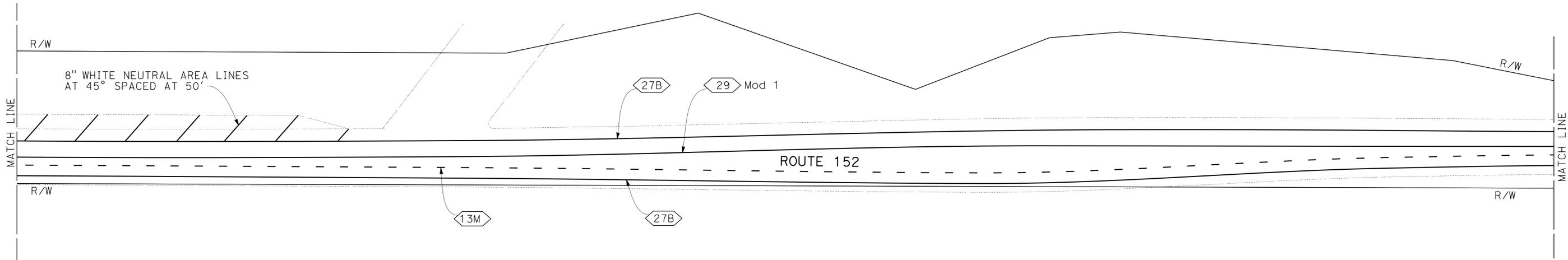
FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: [Blank]
 CHECKED BY: [Blank]
 TOMO MORI
 AHMED RAHID
 REVISED BY: AR
 DATE REVISED: 2/11/14

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
04	SCI	152	R9.9/21.9	76	106

REGISTERED CIVIL ENGINEER: *Ahmed T. Rahid* DATE: 5/2/14
 PLANS APPROVAL DATE: 6-23-14
 No. 76800 Exp. 2-31-14
 CIVIL
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.



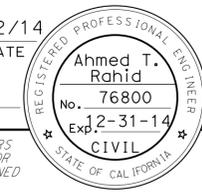
PAVEMENT DELINEATION PLAN
 NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

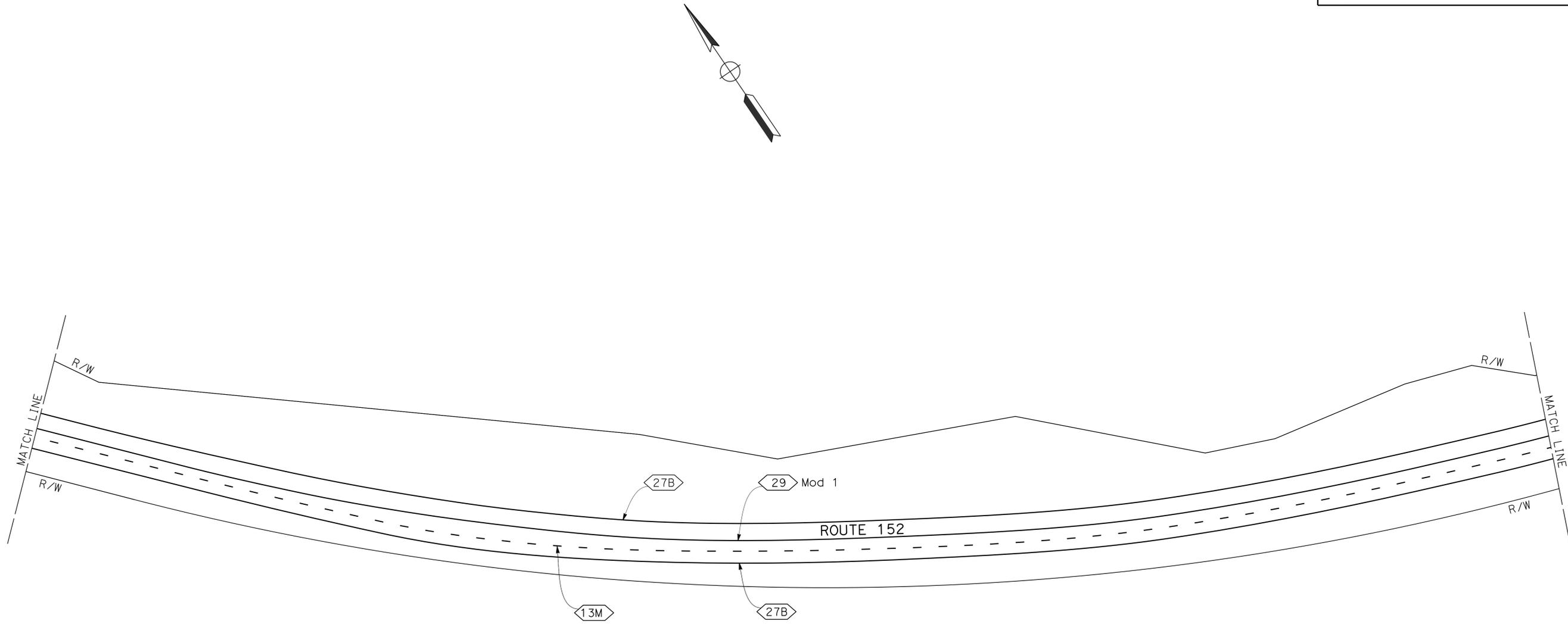
PD-28

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	77	106
			5/2/14		
			REGISTERED CIVIL ENGINEER	DATE	
			6-23-14	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.

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



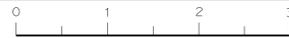
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	TOMO MORI	REVISED BY	AR
Caltrans	GHULAM POPAL	CHECKED BY	AHMED RAHID	DATE REVISED	2/11/14
DESIGN					

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

PAVEMENT DELINEATION PLAN
NO SCALE

PD-29



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 GHULAM POPAL

CALCULATED/DESIGNED BY
 CHECKED BY

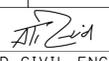
TOMO MORI
 AHMED RAHID

REVISED BY
 DATE REVISED

AR
 2/11/14

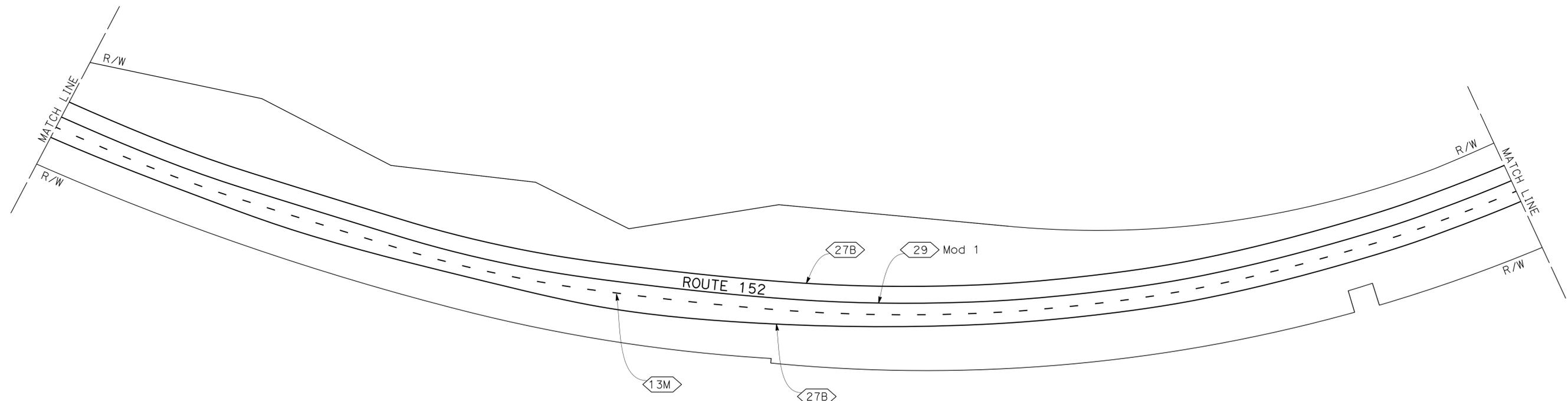
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	78	106

 5/2/14
 REGISTERED CIVIL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 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.



PAVEMENT DELINEATION PLAN
 NO SCALE

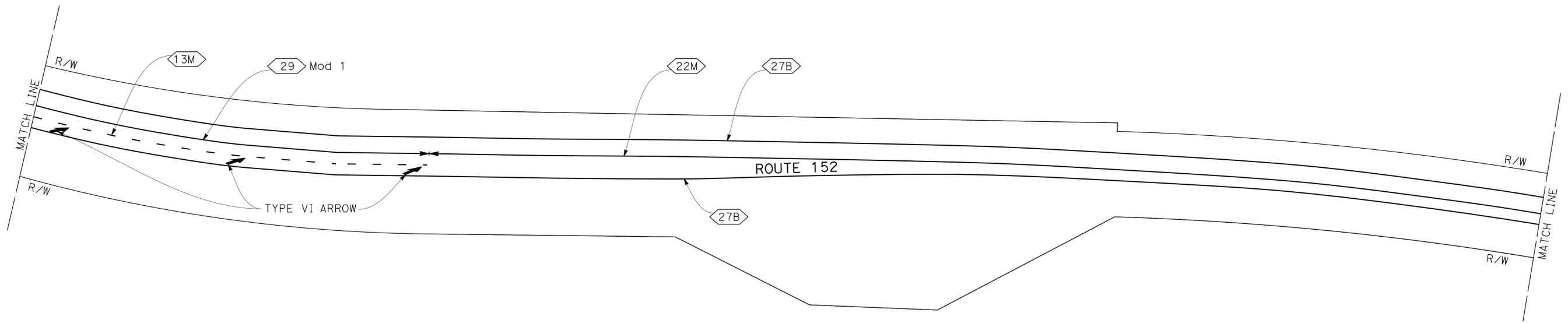
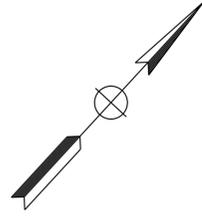
APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS
 AND LEGEND, SEE SHEET PD-1

PD-30

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	79	106
			5/2/14		
REGISTERED CIVIL ENGINEER			DATE		
6-23-14			PLANS APPROVAL DATE		
<small>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.</small>					

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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	DESIGN
FUNCTIONAL SUPERVISOR	GHULAM POPAL
CALCULATED/DESIGNED BY	CHECKED BY
TOMO MORI	AHMED RAHID
REVISED BY	DATE REVISED
AR	2/11/14

PAVEMENT DELINEATION PLAN
NO SCALE

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

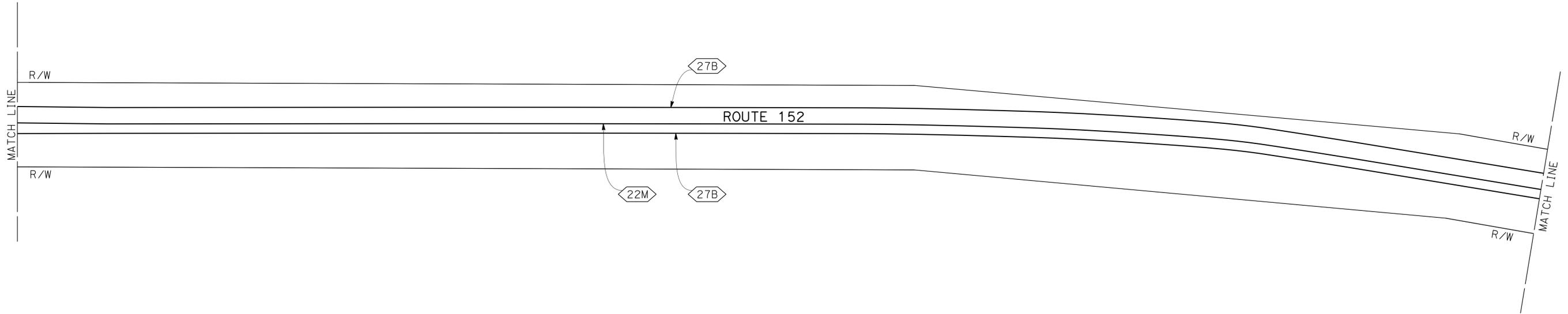
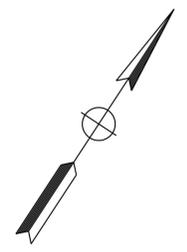
FOR NOTES, ABBREVIATIONS
AND LEGEND, SEE SHEET PD-1

PD-31

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR	GHULAM POPAL
CALCULATED/DESIGNED BY	CHECKED BY
TOMO MORI	AHMED RAHID
REVISED BY	DATE REVISED
AR	2/11/14

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
04	SCI	152	R9.9/21.9	80	106
			REGISTERED CIVIL ENGINEER	DATE	
			6-23-14	5/2/14	
			PLANS APPROVAL DATE		

REGISTERED PROFESSIONAL ENGINEER
 Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 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.

PAVEMENT DELINEATION PLAN
 NO SCALE

PD-32

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR
 GHULAM POPAL

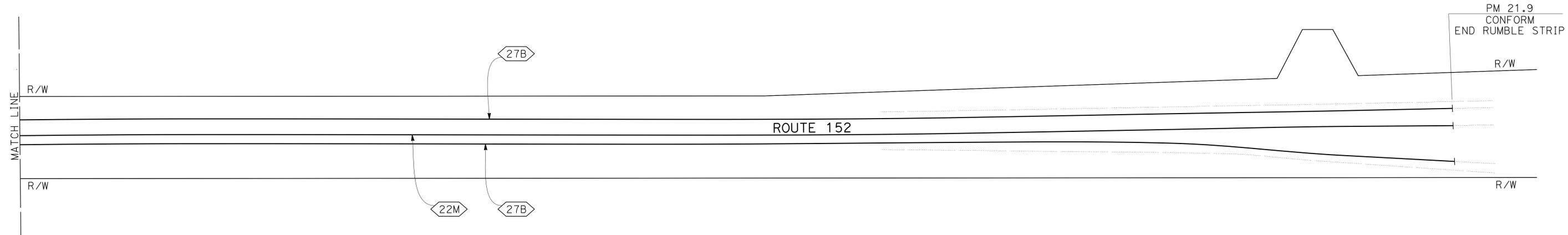
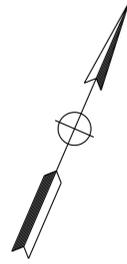
CALCULATED/DESIGNED BY
 CHECKED BY

TOMO MORI
 AHMED RAHID

REVISED BY
 DATE REVISED

AR
 2/11/14

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
04	SCI	152	R9.9/21.9	81	106

REGISTERED CIVIL ENGINEER *Ahmed T. Rahid* DATE 5/2/14
 PLANS APPROVAL DATE 6-23-14
 No. 76800
 Exp. 2-31-14
 CIVIL
 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 PLAN
 NO SCALE

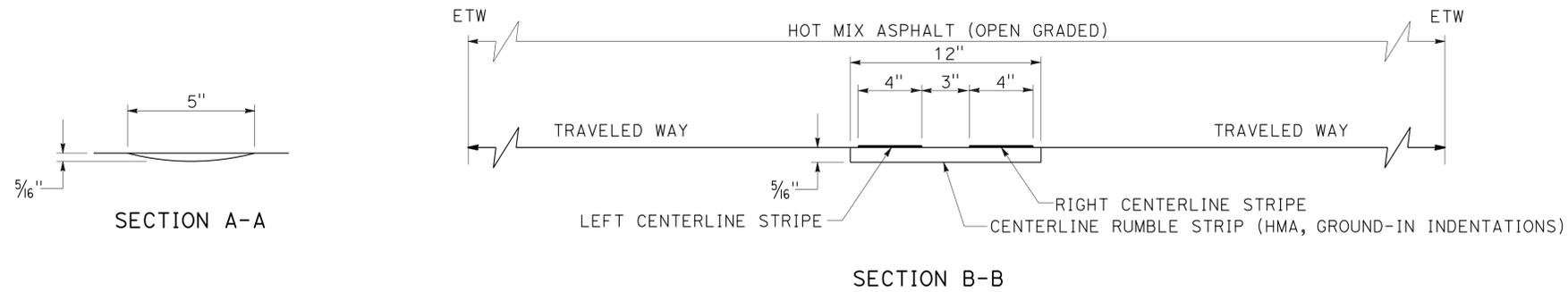
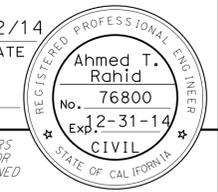
PD-33

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

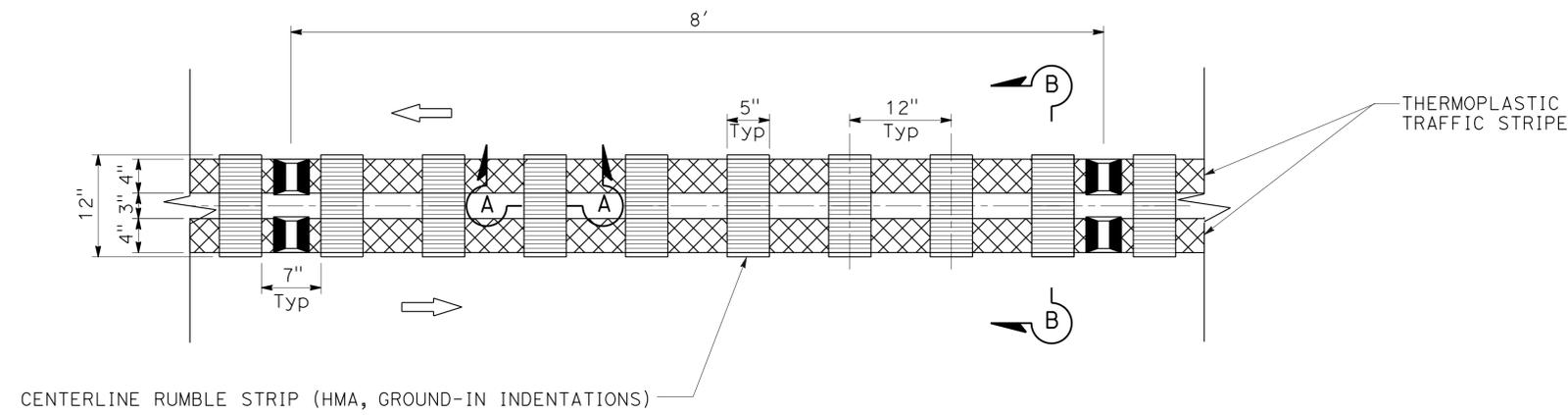
FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PD-1



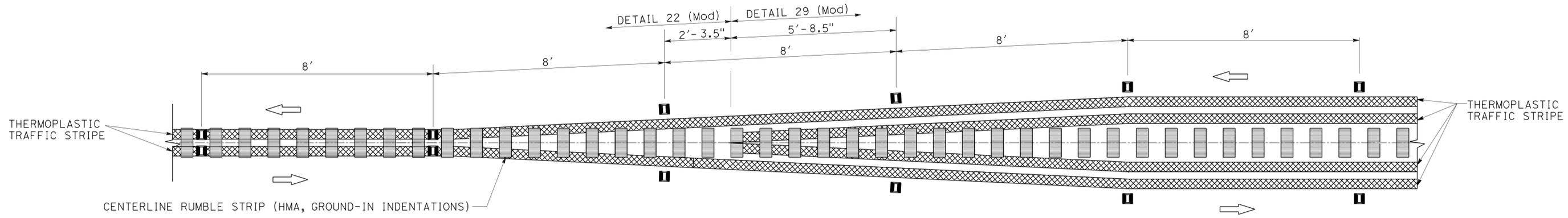
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	82	106
			REGISTERED CIVIL ENGINEER	DATE	
			6-23-14	5/2/14	
			PLANS APPROVAL DATE		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					



LEGEND:
 PAVEMENT MARKER (RETROREFLECTIVE)



**DETAIL 22 (MODIFIED)
ROADWAY CENTERLINE DETAIL**
(TYPICAL)



DETAIL 22 (MODIFIED) TRANSITION TO/FROM DETAIL 29
(TYPICAL)

PAVEMENT DELINEATION DETAILS
NO SCALE

PDD-1

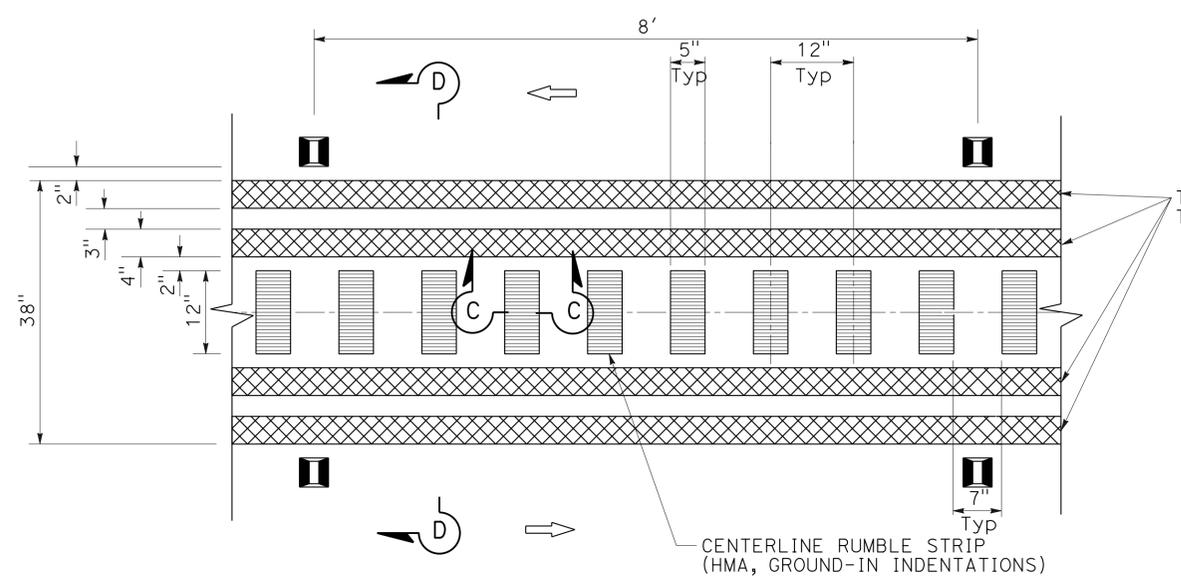
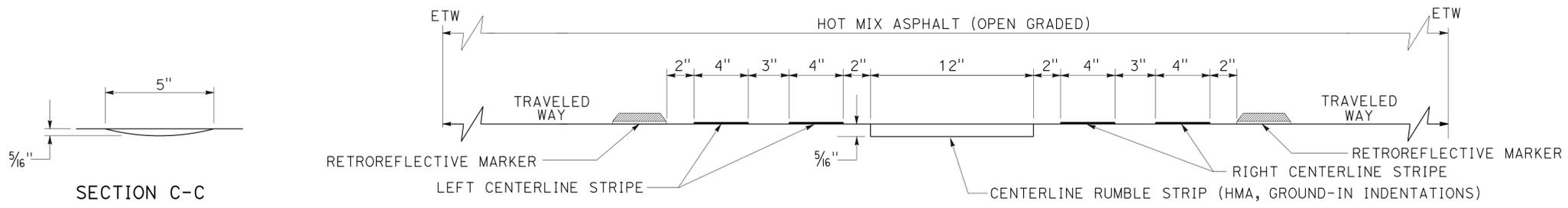
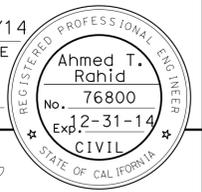
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - DESIGN
 Ghulam Popal
 Functional Supervisor
 Checked by
 Ahmed Rahid
 Tomo Mori
 Revised by
 AR
 Date Revised
 2/11/14

LAST REVISION | DATE PLOTTED => 21-JUL-2014
 02-19-14 TIME PLOTTED => 10:34

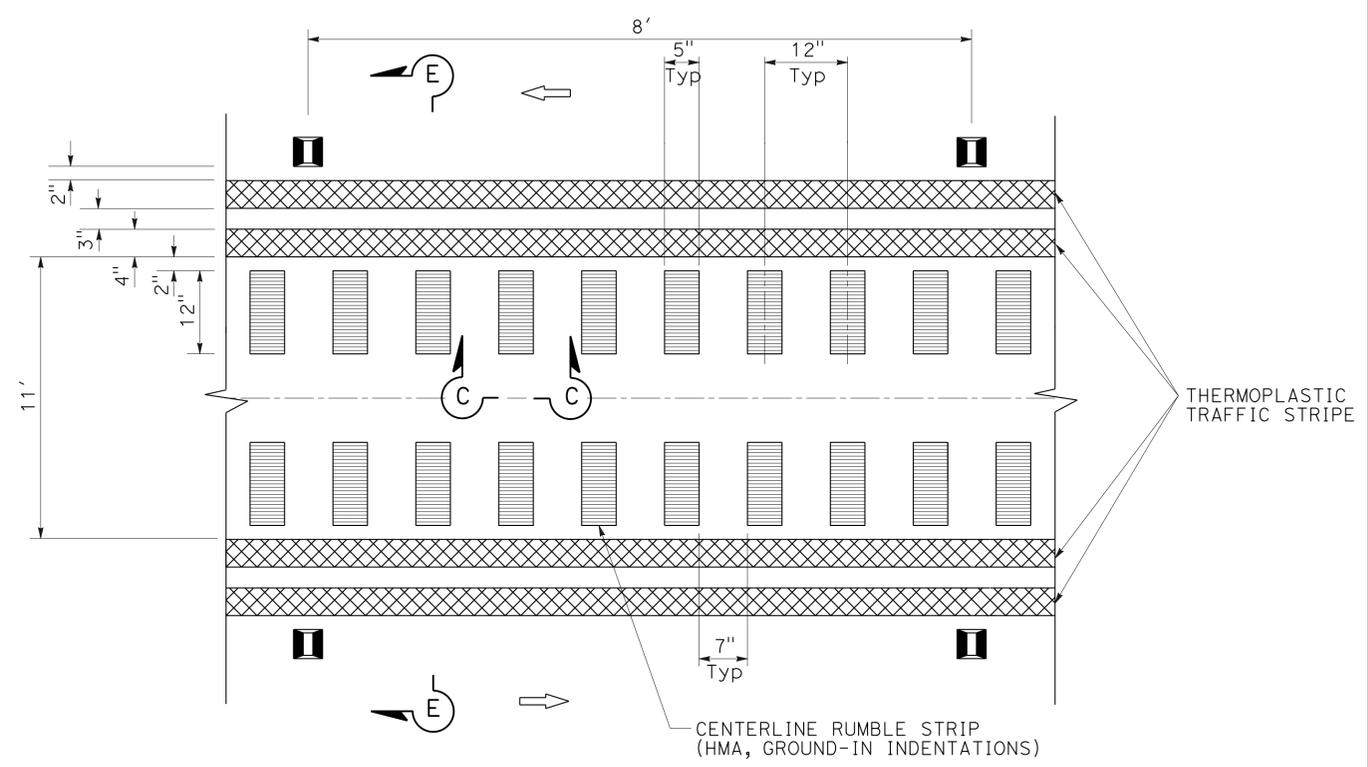
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	83	106

<i>Ahmed T. Rahid</i>	5/2/14
REGISTERED CIVIL ENGINEER	DATE
6-23-14	
PLANS APPROVAL DATE	

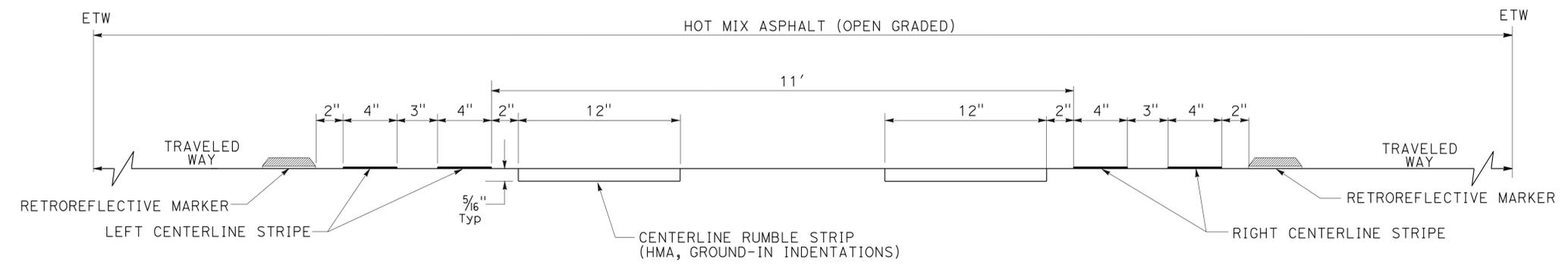
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



**DETAIL 29 (MODIFIED 1)
ROADWAY CENTERLINE DETAIL
(TYPICAL)**



**DETAIL 29 (MODIFIED 2)
ROADWAY CENTERLINE DETAIL
(TYPICAL)**



SECTION E-E

PAVEMENT DELINEATION DETAILS
NO SCALE

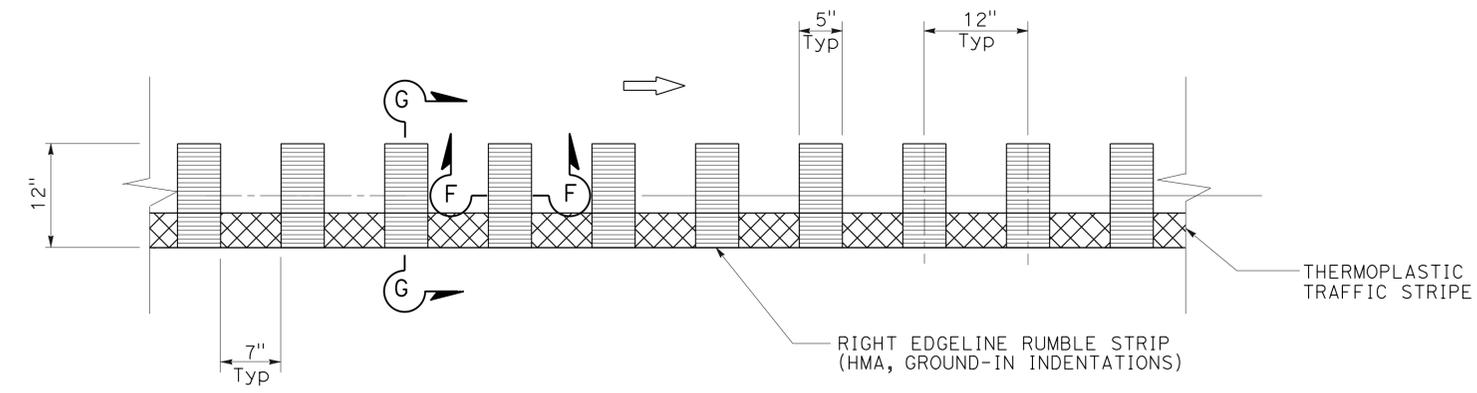
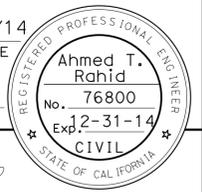
FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PDD-1

PDD-2

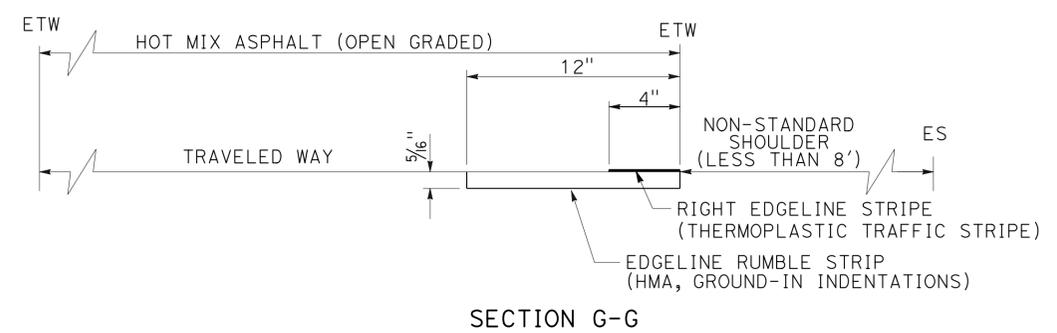
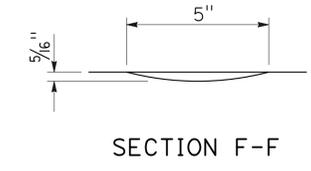
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN

FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: AHMED RAHID
 CHECKED BY: TOMO MORI
 REVISOR: AHMED RAHID
 DATE REVISED: 2/11/14

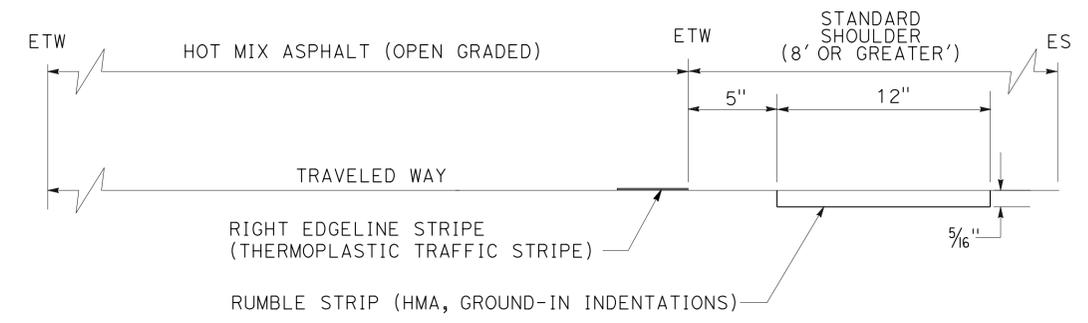
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	84	106
			5/2/14		
REGISTERED CIVIL ENGINEER			DATE		
6-23-14			PLANS APPROVAL DATE		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					



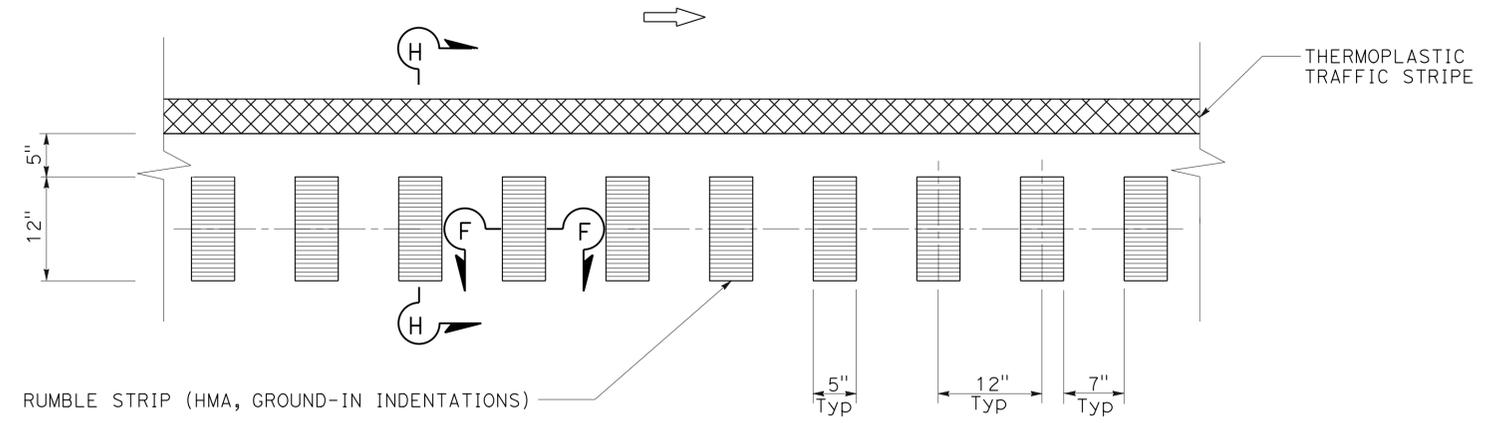
**DETAIL 27B (MODIFIED 1)
FOR SHOULDERS LESS THAN 8' (NON-STANDARD)
RIGHT EDGELINE DETAIL
(TYPICAL)**



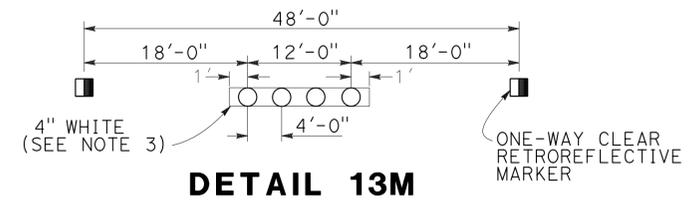
SECTION G-G



SECTION H-H



**DETAIL 27B (MODIFIED 2)
FOR SHOULDERS 8' OR GREATER (STANDARD)
OR WHERE EXISTING RUMBLE STRIPS ARE IN PLACE
(TYPICAL)**



- NOTES:**
1. DETAIL 13M IS MODIFIED PAVEMENT DELINEATION DETAIL 13.
 2. FOR DETAILS NOT SHOWN, SEE STANDARD PLAN A20A.
 3. INSTALL 4" WHITE STRIPE AFTER INSTALLING PAVEMENT MARKERS.

**PAVEMENT DELINEATION DETAILS
NO SCALE**

PDD-3

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET PDD-1



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CHECKED BY: [blank]
 DESIGNED BY: [blank]
 TOMO MORI
 AHMED RAHID
 REVISED BY: AR
 DATE REVISED: 2/11/14

USERNAME => s130888
 DGN FILE => 0412000146nb003.dgn

RELATIVE BORDER SCALE
 IS IN INCHES

UNIT 0706

PROJECT NUMBER & PHASE

04120001461

LAST REVISION | DATE PLOTTED => 21-JUL-2014
 02-20-14 | TIME PLOTTED => 10:34

RUMBLE STRIP

LOCATION	PM	DETAIL No.	CENTERLINE RUMBLE STRIP (HMA GROUND-IN INDENTATIONS)	SHOULDER RUMBLE STRIP (HMA GROUND-IN INDENTATIONS)	REMOVE RUMBLE STRIP (HMA GROUND-IN INDENTATIONS)(N)
			STA		
1	9.9 TO 12.6	22M	30.70		
		29 Mod 2	28.30		
		27B		156.00	
2	13 TO 13.8	22M	44.20		
		27B		88.4	
3	14.6 TO 16.2	22M	78.90		
		29 Mod 2	8.30		
4	16.5 TO 18.5	22M	105.60		
		27B		211.20	
5	20.3 TO 21.9	22M	25.00		85
		29 Mod 1	60.00		
		27B		169.00	52
TOTAL			381.00	791.90	137

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

REMOVE PAVEMENT DELINEATION

LOCATION	PM	DETAIL No.	REMOVE YELLOW THERMOPLASTIC TRAFFIC STRIPE (HAZARDOUS WASTE)	REMOVE CHANNELIZERS
			LF	EA
1	9.9 TO 12.6	6	225	
		22	8560	
		25	6790	
		NEUTRAL LINES	1040	
		29	11760	
		32	608	
2	13 TO 13.8	22	8840	
		38		10
3	14.6 TO 16.2	22	15000	
		29	3600	
4	16.5 TO 18.5	22	21200	
		29	4700	
5	20.3 TO 21.9	22	24520	
		29		
TOTAL			106843	10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	85	106

5/2/14
 REGISTERED CIVIL ENGINEER DATE
 Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 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.

TRAFFIC STRIPES AND PAVEMENT MARKINGS

LOCATION	PM	DETAIL No.	THERMOPLASTIC TRAFFIC STRIPE					PAVEMENT MARKER		THERMOPLASTIC PAVEMENT MARKING					CHANNELIZER (SURFACE MOUNTED)	
			4" YELLOW	4" WHITE	8" WHITE	8" YELLOW NEUTRAL AREA LINES	8" WHITE NEUTRAL AREA LINES	1'-0" WHITE LIMIT LINES	TWO-WAY YELLOW RETROREFLECTIVE TYPE D	WHITE NON-REFLECTIVE TYPE A	ARROW			KEEP CLEAR		
			LF					EA		SQFT						EA
1	9.9 TO 12.6	6	900						20							
		13M		12000					251	1000						
		22	1210						103							
		22M	3070						770							
		25	6790				520		142							
		27B		24780												
		29	110						11							
		29 Mod 2	2830						710							
		32	270						31							
		36				630			28							
		37B				1510			50							
		38				4800		160	201							10
38B				310			28									
40A								290								
2	13 TO 13.8	22M	4420					1107			924	420	297	168	204	
		27B		9010												
		38			210			10								
3	14.6 TO 16.2	22M	7500					1877			84					
		27B		17000												
		29 Mod 2	900					227								
4	16.5 TO 18.5	38			750			32								
							32			210						
5	20.3 TO 21.9	22M	10600					2652								
		27B		21200												
		13M		6140				129								
5	20.3 TO 21.9	22M	2350					590								
		27B		20200												
29 Mod 1	6130					1535										
SUBTOTAL			47080	110330	8210	520	1420	1697	10504	1290	1218	420	297	294	204	
TOTAL			169257					10504	1290	2433					10	

PAVEMENT DELINEATION QUANTITIES

PDQ-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	86	106

 5/2/14
 REGISTERED CIVIL ENGINEER DATE

6-23-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 Ahmed T. Rahid
 No. 76800
 Exp. 2-31-14
 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.

TEMPORARY FENCE (TYPE WILDLIFE EXCLUSION)

SHEET No.	STATION/LOCATION		STAGING AREA No.	TEMPORARY FENCE (TYPE WILDLIFE EXCLUSION)
	LOCATION	POST MILES		LF
L-2	1	10.5	1	3120
L-6		11.5	2	360
L-5, L-6		11.5	3	980
L-11, L-12	2	13.6	4	1026
L-20	4	16.9	5	470
		17	6	840
L-27	5	20.3	7	390
L-27, L-28		20.48	8	1050
TOTAL				8236

PAVEMENT STRUCTURE QUANTITIES

STATION/LOCATION		COLD PLANE ASPHALT CONCRETE PAVEMENT	HOT MIX ASPHALT (TYPE A)	TACK COAT	ASPHALTIC EMULSION (FOG SEAL COAT)	REMOVE CONCRETE	MINOR CONCRETE
LOCATION	POST MILES	SQYD	TON		CY		
1	9.9 TO 11.35	63749.19	8651.37	21.0	8.12	5	15
	11.35 TO 12.6	30380.99	4122.98	10.1	4.00		
2	13 TO 13.8	16691.97	2265.24	5.9	2.20		
3	14.64 TO 16.2	34095.10	4541.33	10.9	4.50		
4	16.5 TO 18.5	39440.50	5352.49	13.4	5.20		
5	20 TO 20.3	14164.75	1922.29	5.9	2.30		
	20.3 TO 21.15	25824.64	3504.62	8.4	3.50		
	21.15 TO 21.78	12999.26	1764.07	4.2	1.70		
	21.78 TO 21.9	3368.06	457.10	1.7	0.80		
TOTAL		240714.46	32581.49	81.5	32.32	5	15

SUMMARY OF QUANTITIES

Q-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 DESIGN
 FUNCTIONAL SUPERVISOR: GHULAM POPAL
 CALCULATED/DESIGNED BY: AHMED RAHID
 CHECKED BY: TOMO MORI
 REVISED BY: AR
 DATE REVISED: 6/5/14

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	87	106

 5/30/14
 REGISTERED ELECTRICAL ENGINEER DATE
 Lindy F. Cabugao
 No. 17232
 Exp. 6-30-16
 ELECT
 PLANS APPROVAL DATE
 6-23-14
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.

ELECTRICAL INDEX

- E-1 ELECTRICAL INDEX AND NOTES
- E-2 TO E-6 INDUCTIVE LOOP DETECTOR (REPLACE)
- E-7 ELECTRICAL QUANTITIES

GENERAL NOTES:

1. NO ABOVE GROUND ELECTRICAL WORK MUST BE PERFORMED ON ANY SYSTEM WITHIN THE PROJECT SITE UNTIL ALL ELECTRICAL MATERIALS FOR THAT INDIVIDUAL SYSTEM HAVE BEEN TESTED AND DELIVERED TO YOU.
2. ABANDON EXISTING LOOPS IN PLACE WHEN CUTTING NEW REPLACEMENT LOOPS. SPLICE NEW DETECTOR CONDUCTORS TO CORRESPONDING EXISTING DLC IN TERMINATION PULL BOX. VERIFY IDENTIFICATION OF EXISTING DLC BEFORE CONNECTING TO THE CORRESPONDING LOOP DETECTORS.
3. WHERE ONE OR MORE TRAFFIC SIGNAL DETECTOR(S) CONSIST OF A SEQUENCE OF 4 LOOPS IN A SINGLE LANE, THE FRONT LOOP CLOSEST TO THE LIMIT LINE OR CROSSWALK SHALL BE LOCATED 1 FOOT FROM THE LIMIT LINE. THE SET OF 3 LOOPS OR 4 LOOPS ASSIGNED TO THE SAME LOOP DLC SHALL BE CONNECTED IN SERIES FOR TRAFFIC SIGNAL SYSTEM.
4. VERIFY THE LOCATION OF THE LOOP DETECTORS TO BE REPLACED PRIOR TO REPAVING.
5. ALL LOOP DETECTORS AT EACH LOCATION MUST BE REPLACED AND TESTED WITHIN THE TIME ALLOTTED FOR TRAFFIC SIGNAL SYSTEM SHUTDOWN AT THAT LOCATION.
6. PROVIDE TWO REPORTS PER LOCATION ON THE STATUS OF EACH DETECTOR LOOP REPLACEMENT SHOWING CONTINUITY AND INSULATION RESISTANCE READINGS. THE REPORTS MUST BE SUBMITTED TO THE ENGINEER, ONE BEFORE STARTING WORK AND THE OTHER AFTER WORK HAS BEEN COMPLETED AT EACH LOCATION.
7. INSTALL LOCKING GRADE RING FOR EXISTING DETECTOR HANDHOLE AS NEEDED.
8. RAISE EXISTING DETECTOR HANDHOLES TO GRADE.

ELECTRICAL INDEX AND NOTES

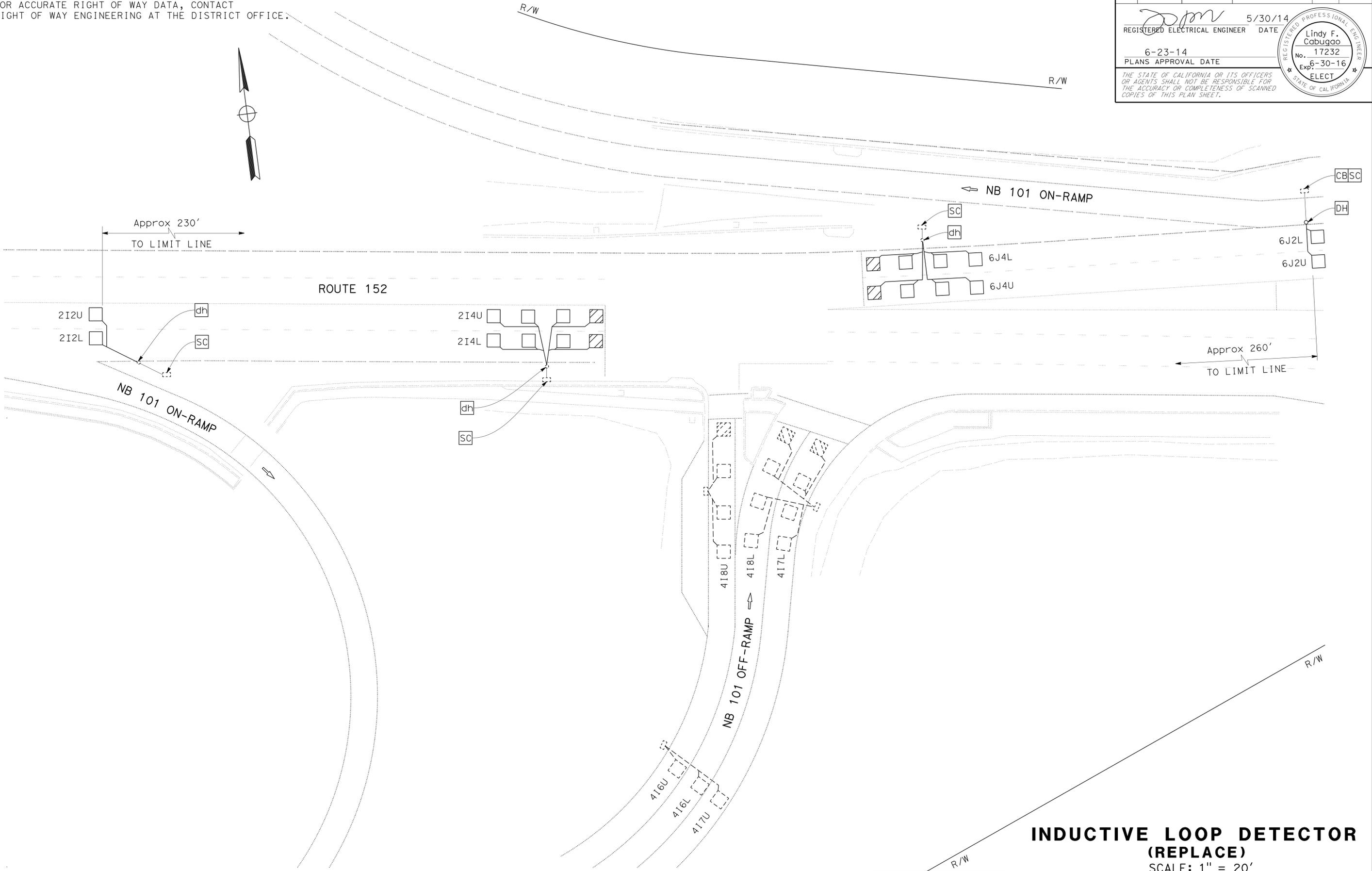
E-1



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans **ELECTRICAL**

FUNCTIONAL SUPERVISOR: KENNETH Y. XU
 CALCULATED/DESIGNED BY: KENNETH Y. XU
 CHECKED BY: KENNETH Y. XU
 REVISIONS: LC 5/30/14

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
04	SCI	152	R9.9/21.9	88	106

REGISTERED ELECTRICAL ENGINEER: Lindy F. Cabugao
 No. 17232
 Exp. 6-30-16
 DATE: 5/30/14
 PLANS APPROVAL DATE: 6-23-14

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.

INDUCTIVE LOOP DETECTOR (REPLACE)
 SCALE: 1" = 20'

APPROVED FOR ELECTRICAL WORK ONLY

FOR NOTES, SEE SHEET E-1

E-2

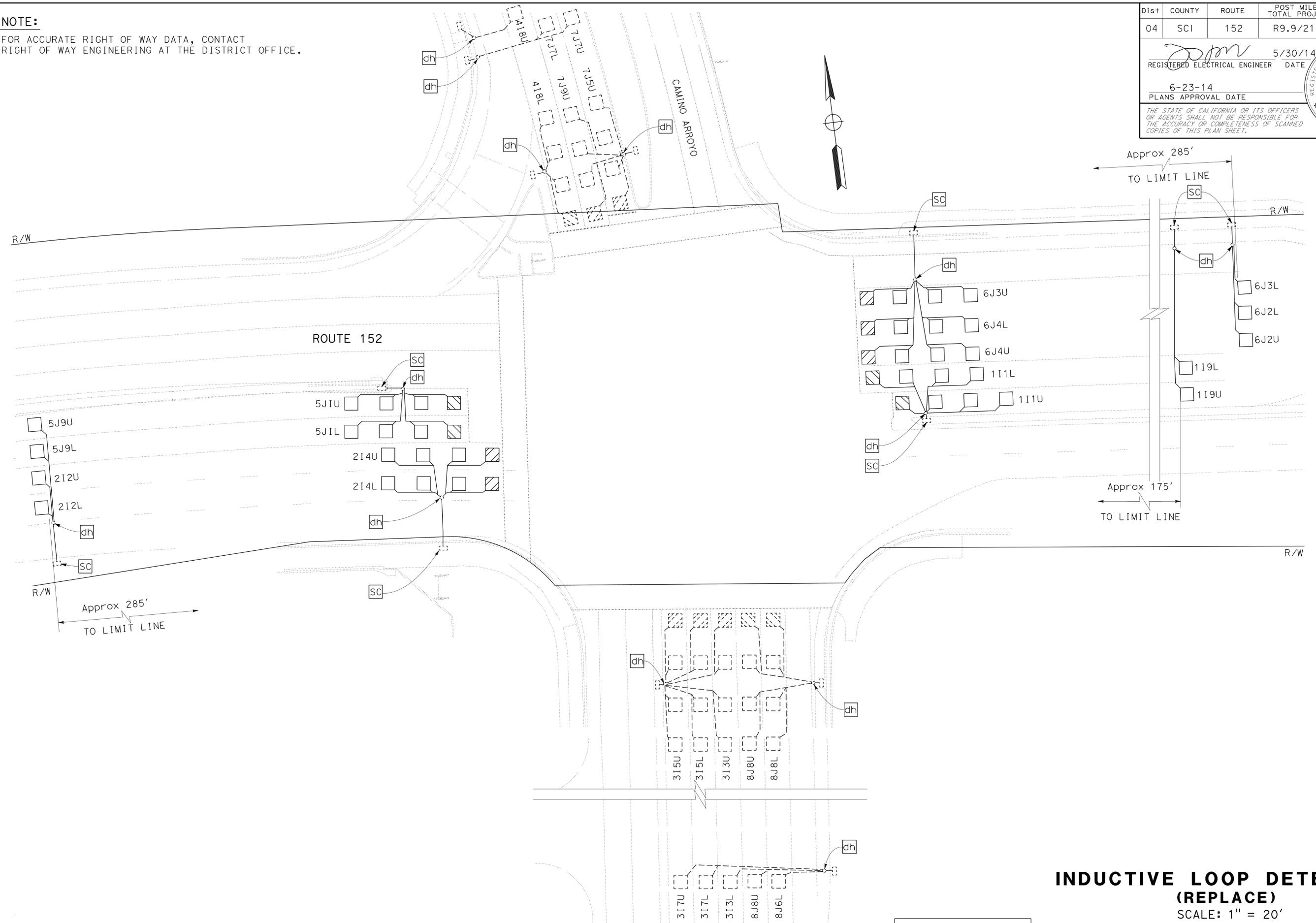
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 ELECTRICAL

FUNCTIONAL SUPERVISOR: KENNETH Y. XU
 CHECKED BY: KENNETH Y. XU
 CALCULATED/DESIGNED BY: LINDY CABUGAO
 REVISED BY: KENNETH Y. XU
 DATE REVISED: 5/30/14
 LC: 5/30/14

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
04	SCI	152	R9.9/21.9	89	106

REGISTERED ELECTRICAL ENGINEER: *Lindy F. Cabugao* DATE: 5/30/14
 PLANS APPROVAL DATE: 6-23-14
 REGISTERED PROFESSIONAL ENGINEER: Lindy F. Cabugao No. 17232 Exp. 6-30-16 ELECT
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.



INDUCTIVE LOOP DETECTOR (REPLACE)
 SCALE: 1" = 20'

APPROVED FOR ELECTRICAL WORK ONLY

FOR NOTES, SEE SHEET E-1

LAST REVISION: DATE PLOTTED => 21-JUL-2014 01-13-14 TIME PLOTTED => 10:34

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 ELECTRICAL

FUNCTIONAL SUPERVISOR: KENNETH Y. XU
 CHECKED BY: KENNETH Y. XU
 REVISIONS: LC 5/30/14

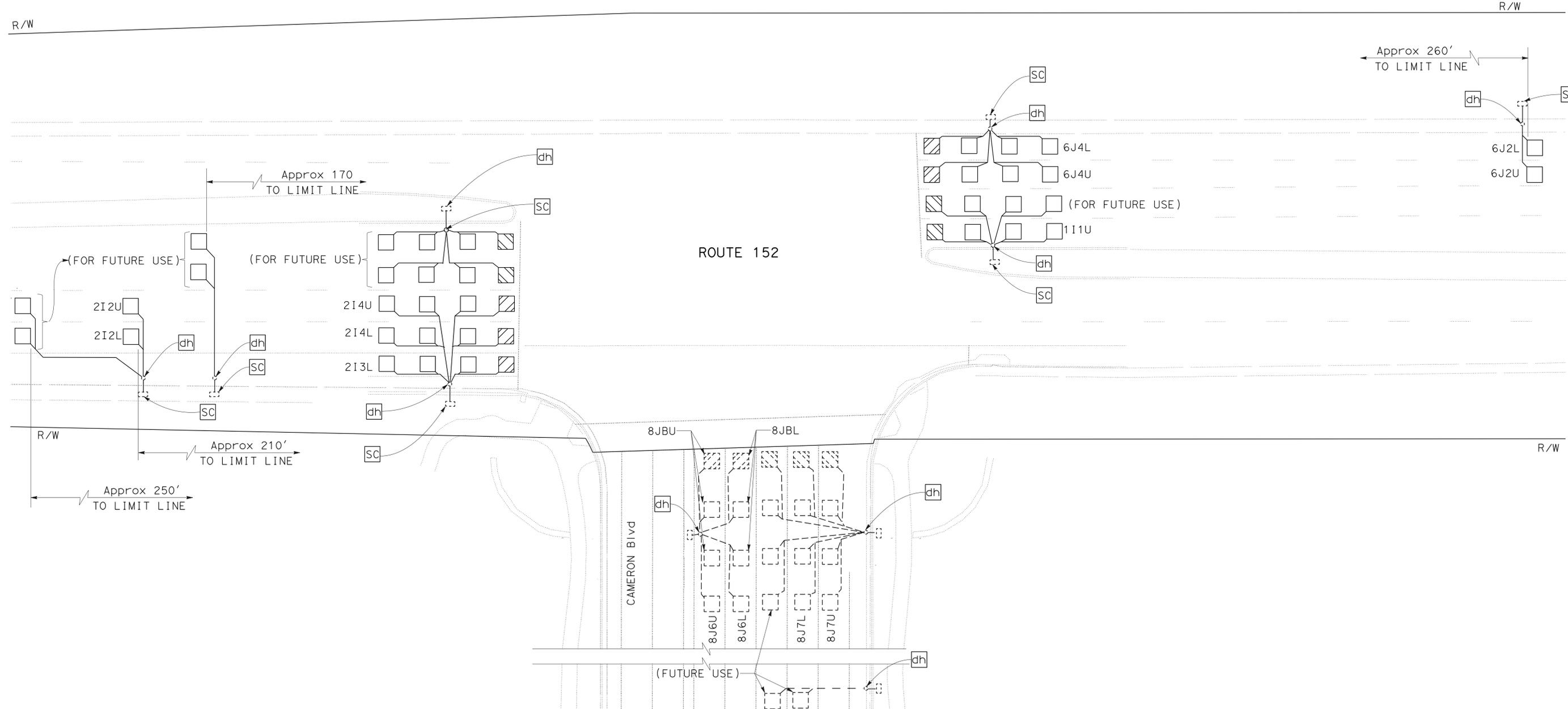
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	90	106

REGISTERED ELECTRICAL ENGINEER: *[Signature]* DATE: 5/30/14
 REGISTERED PROFESSIONAL ENGINEER: **Lindy F. Cabugao**
 No. 17232
 Exp. 6-30-16
 ELECT

PLANS APPROVAL DATE: 6-23-14

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.



**INDUCTIVE LOOP DETECTOR
 (REPLACE)**
 SCALE: 1" = 20'

APPROVED FOR ELECTRICAL WORK ONLY

FOR NOTES, SEE SHEET E-1

E - 4

FUNCTIONAL SUPERVISOR KENNETH Y. XU	CALCULATED-DESIGNED BY KENNETH Y. XU	REVISOR LINDY CABUGAO	DATE 5/30/14
APPROVED BY KENNETH Y. XU	CHECKED BY	REVISIONS	DATE
LC			

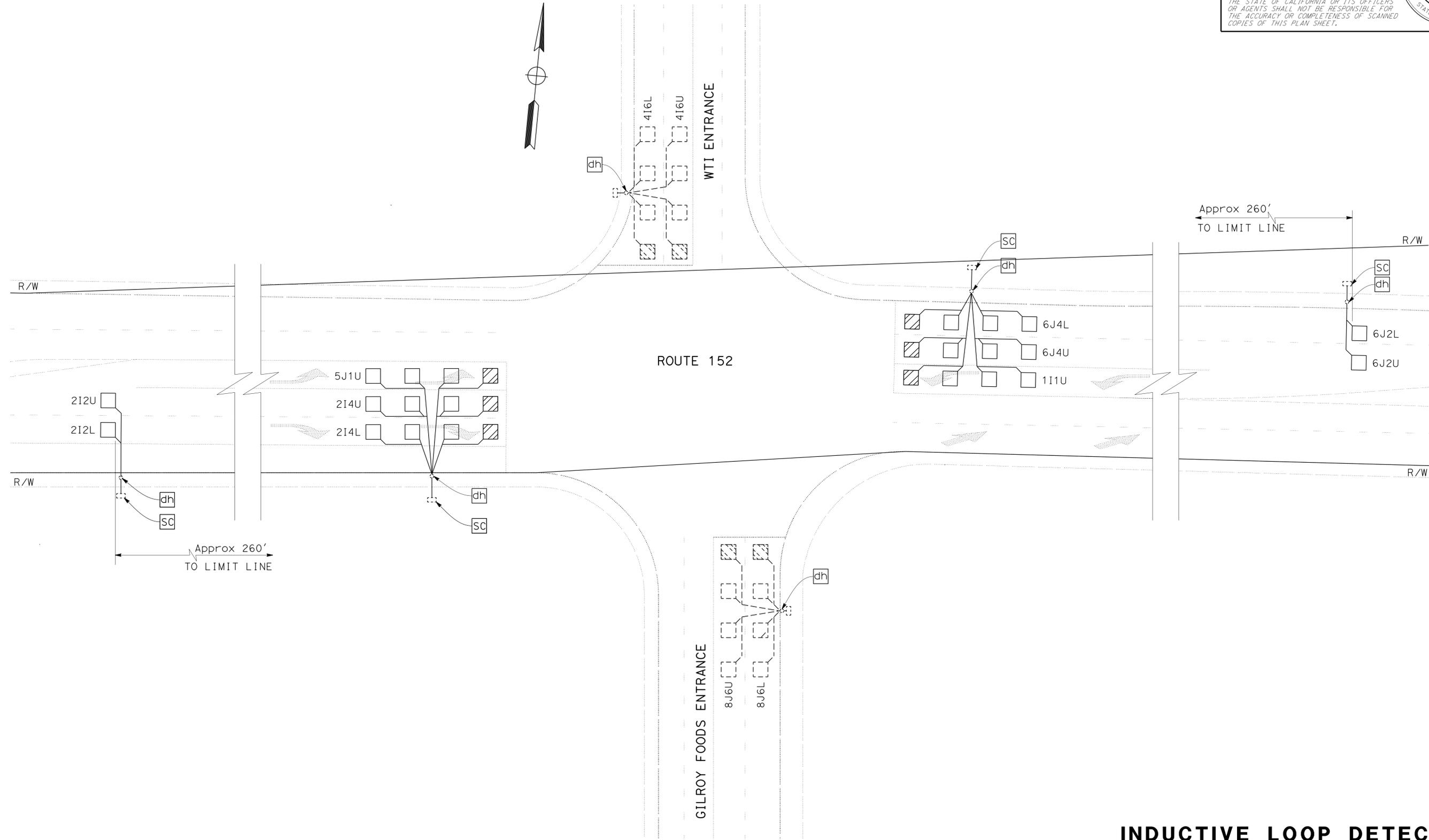
NOTE:
 FOR ACCURATE RIGHT OF WAY DATA, CONTACT
 RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	91	106

5/30/14
 REGISTERED ELECTRICAL ENGINEER DATE
 Lindy F. Cabugao
 No. 17232
 Exp. 6-30-16
 ELECT
 STATE OF CALIFORNIA

6-23-14
 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.



**INDUCTIVE LOOP DETECTOR
 (REPLACE)**

SCALE: 1" = 20'

APPROVED FOR ELECTRICAL WORK ONLY

FOR NOTES, SEE SHEET E-1

E-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 ELECTRICAL

FUNCTIONAL SUPERVISOR
 KENNETH Y. XU

CALCULATED-DESIGNED BY
 CHECKED BY

LINDY CABUGAO
 KENNETH Y. XU

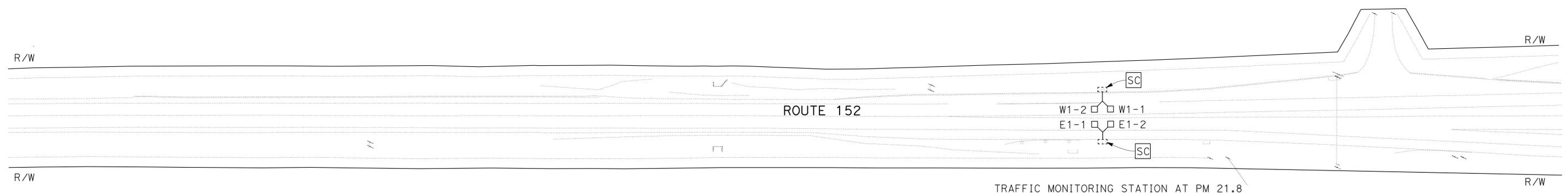
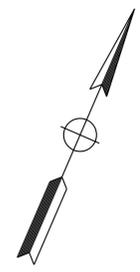
REVISED BY
 DATE REVISED

LC
 5/30/14

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
04	SCI	152	R9.9/21.9	92	106

REGISTERED ELECTRICAL ENGINEER DATE 5/30/14
 Lindy F. Cabugao
 No. 17232
 Exp. 6-30-16
 ELECT
 STATE OF CALIFORNIA
 REGISTERED PROFESSIONAL ENGINEER
 PLANS APPROVAL DATE 6-23-14
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.



**INDUCTIVE LOOP DETECTOR
 (REPLACE)**
 SCALE: 1" = 50'

APPROVED FOR ELECTRICAL WORK ONLY

FOR NOTES, SEE SHEET E-1

E-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 ELECTRICAL

FUNCTIONAL SUPERVISOR
 KENNETH Y. XU

CALCULATED-DESIGNED BY
 CHECKED BY

LINDY CABUGAO
 KENNETH Y. XU

REVISED BY
 DATE REVISED

LC
 5/30/14

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	93	106

 5/30/14
 REGISTERED ELECTRICAL ENGINEER DATE
 6-23-14
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 Lindy F. Cabugao
 No. 17232
 Exp. 6-30-16
 ELECT

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.

INDUCTIVE LOOP DETECTOR (REPLACE)

SHEET No.	DETECTOR LOOPS (N)		CONDUIT (N)	DETECTOR HANDHOLE (N)
	TYPE A	TYPE D	1"	
	EA		FT	
E-2	16	4	15	1
E-3	36	9		
E-4	35	9		
E-5	22	6		
E-6	4			

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

**ELECTRICAL QUANTITIES
 E-7**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	94	106

Grace M. Tsushima
REGISTERED CIVIL ENGINEER

July 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 6-23-14

UNIT OF MEASUREMENT SYMBOLS:

Some of the symbols used in the project plan quantity tables and in the Bid Item List are:

SYMBOL USED	DEFINITIONS
ACRE	ACRE
CF	CUBIC FOOT
CY	CUBIC YARD
EA	EACH
GAL	GALLON
LB	POUND
LF	LINEAR FOOT
SQFT	SQUARE FOOT
SQYD	SQUARE YARD
STA	100 FEET
TAB	TABLET
TON	2,000 POUNDS

Some of the symbols used in the plans other than in the project plan quantity tables are:

SYMBOL USED	DEFINITIONS
ksi	KIPS PER SQUARE INCH
ksf	KIPS PER SQUARE FOOT
psi	POUNDS PER SQUARE INCH
psf	POUNDS PER SQUARE FOOT
lb/ft ³ , pcf	POUNDS PER CUBIC FOOT
tsf	TONS PER SQUARE FOOT
mph, MPH *	MILES PER HOUR
∅	NOMINAL DIAMETER
oz	OUNCE
lb	POUND
kíp	1,000 POUNDS
cal	CALORIE
ft	FOOT OR FEET
gal	GALLON

* For use on a sign panel only

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**ABBREVIATIONS
(SHEET 2 OF 2)**

NO SCALE

RSP A10B DATED JULY 19, 2013 SUPERSEDES STANDARD PLAN A10B
DATED MAY 20, 2011 - PAGE 2 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP A10B

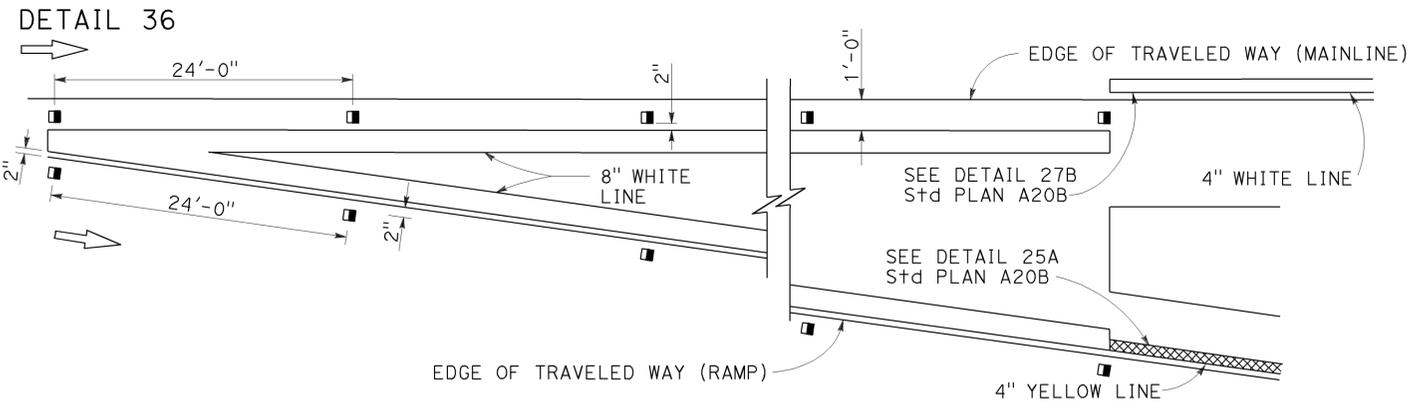
	<u>M</u>
Maint	MAINTENANCE
Max	MAXIMUM
MB	METAL BEAM
MBB	METAL BEAM BARRIER
MBGR	METAL BEAM GUARD RAILING
Med	MEDIAN
MGS	MIDWEST GUARDRAIL SYSTEM
MH	MANHOLE
Min	MINIMUM
Misc	MISCELLANEOUS
Misc I & S	MISCELLANEOUS IRON AND STEEL
Mkr	MARKER
Mod	MODIFIED, MODIFY
Mon	MONUMENT
MP	METAL PLATE
MPGR	METAL PLATE GUARD RAILING
MR	MOVEMENT RATING
MSE	MECHANICALLY STABILIZED EMBANKMENT
Mt	MOUNTAIN, MOUNT
MtI	MATERIAL
MVP	MAINTENANCE VEHICLE PULLOUT
	<u>N</u>
N	NORTH
NB	NORTHBOUND
No.	NUMBER (MUST HAVE PERIOD)
Nos.	NUMBERS (MUST HAVE PERIOD)
NPS	NOMINAL PIPE SIZE
NS	NEAR SIDE
NSP	NEW STANDARD PLAN
NTS	NOT TO SCALE
	<u>O</u>
Obir	OBLITERATE
OC	OVERCROSSING
OD	OUTSIDE DIAMETER
OF	OUTSIDE FACE
OG	ORIGINAL GROUND
OGAC	OPEN GRADED ASPHALT CONCRETE
OGFC	OPEN GRADED FRICTION COURSE
OH	OVERHEAD
OHWM	ORDINARY HIGH WATER MARK
O-O	OUT TO OUT
Opp	OPPOSITE
OSD	OVERSIDE DRAIN
	<u>P</u>
p	PAGE
PAP	PERFORATED ALUMINUM PIPE
PB	PULL BOX
PC	POINT OF CURVATURE, PRECAST
PCC	POINT OF COMPOUND CURVE, PORTLAND CEMENT CONCRETE
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
PCP	PERFORATED CONCRETE PIPE, PRESTRESSED CONCRETE PIPE
PCVC	POINT OF COMPOUND VERTICAL CURVE
PEC	PERMIT TO ENTER AND CONSTRUCT
Ped	PEDESTRIAN
Ped OC	PEDESTRIAN OVERCROSSING
Ped UC	PEDESTRIAN UNDERCROSSING
Perm MtI	PERMEABLE MATERIAL

	<u>P continued</u>
PG	PROFILE GRADE
PI	POINT OF INTERSECTION
PJP	PARTIAL JOINT PENETRATION
Pkwy	PARKWAY
PL, PL	PLATE
P/L	PROPERTY LINE
PM	POST MILE, TIME FROM NOON TO MIDNIGHT
PN	PAVING NOTCH
POC	POINT OF HORIZONTAL CURVE
POT	POINT OF TANGENT
POVC	POINT OF VERTICAL CURVE
PP	PIPE PILE, PLASTIC PIPE, POWER POLE
PPL	PREFORMED PERMEABLE LINER
PPP	PERFORATED PLASTIC PIPE
PRC	POINT OF REVERSE CURVE
PRF	PAVEMENT REINFORCING FABRIC
PRVC	POINT OF REVERSE VERTICAL CURVE
PS&E	PLANS, SPECIFICATIONS AND ESTIMATES
PS, P/S	PRESTRESSED
PSP	PERFORATED STEEL PIPE
PT	POINT OF TANGENCY
PVC	POLYVINYL CHLORIDE
Pvmt	PAVEMENT
	<u>Q</u>
Qty	QUANTITY
	<u>R</u>
R	RADIUS
R & D	REMOVE AND DISPOSE
R & S	REMOVE AND SALVAGE
R/C	RATE OF CHANGE
RCA	REINFORCED CONCRETE ARCH
RCB	REINFORCED CONCRETE BOX
RCP	REINFORCED CONCRETE PIPE
RCPA	REINFORCED CONCRETE PIPE ARCH
Rd	ROAD
Reinf	REINFORCED, REINFORCEMENT, REINFORCING
Rel	RELOCATE
Repl	REPLACEMENT
Ret	RETAINING
Rev	REVISED, REVISION
Rdwy	ROADWAY
RHMA	RUBBERIZED HOT MIX ASPHALT
Riv	RIVER
RM	ROAD-MIXED
RP	RADIUS POINT, REFERENCE POINT
RR	RAILROAD
RSP	ROCK SLOPE PROTECTION, REVISED STANDARD PLAN
Rt	RIGHT
Rte	ROUTE
RW	REDWOOD, RETAINING WALL
R/W	RIGHT OF WAY
Rwy	RAILWAY

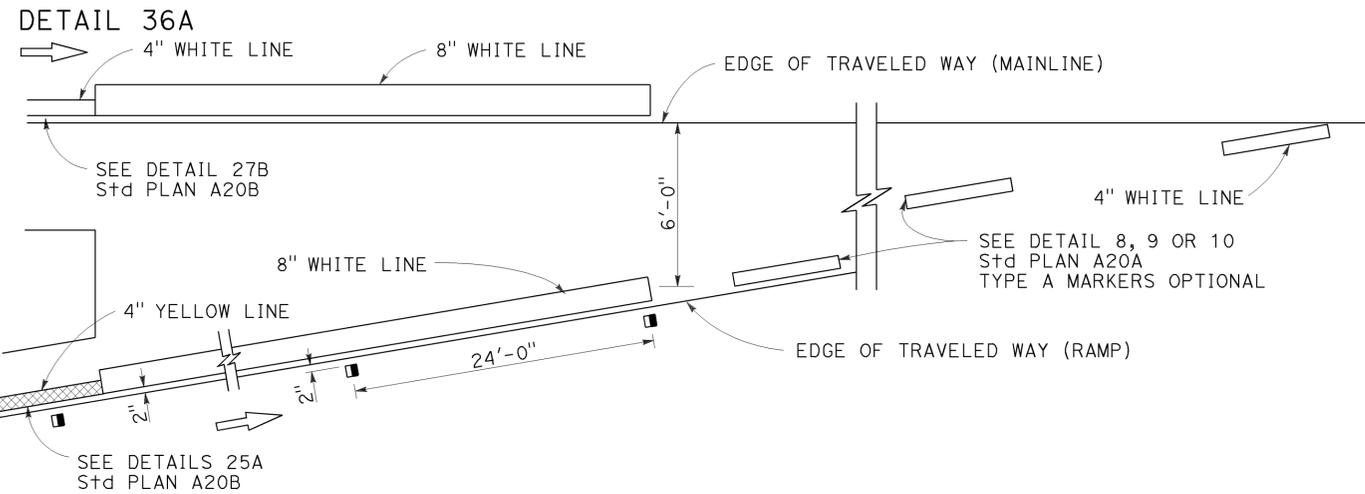
	<u>S</u>
S	SOUTH, SUPPLEMENT
SAE	STRUCTURE APPROACH EMBANKMENT
Salv	SALVAGE
SAPP	STRUCTURAL ALUMINUM PLATE PIPE
SB	SOUTHBOUND
SC	SAND CUSHION
SCSP	SLOTTED CORRUGATED STEEL PIPE
SD	STORM DRAIN
Sec	SECOND, SECTION
Sep	SEPARATION
SG	SUBGRADE
Shld	SHOULDER
Sht	SHEET
Sim	SIMILAR
ℒ	STATION LINE
SM	SELECTED MATERIAL
Spec	SPECIAL, SPECIFICATIONS
SPP	SLOTTED PLASTIC PIPE
SS	SLOPE STAKE
SSBM	STRAP AND SADDLE BRACKET METHOD
SSD	STRUCTURAL SECTION DRAIN
SSPA	STRUCTURAL STEEL PLATE ARCH
SSPP	STRUCTURAL STEEL PLATE PIPE
SSPPA	STRUCTURAL STEEL PLATE PIPE ARCH
SSRP	STEEL SPIRAL RIB PIPE
St	STREET
Sta	STATION
STBB	SINGLE THRIE BEAM BARRIER
Std	STANDARD
Str	STRUCTURE
Surf	SURFACING
SW	SIDEWALK, SOUND WALL
Swr	SEWER
Sym	SYMMETRICAL
S4S	SURFACE 4 SIDES
	<u>T</u>
T	SEMI-TANGENT
Tan	TANGENT
TBB	THRIE BEAM BARRIER
Tbr	TIMBER
TC	TOP OF CURB
TCB	TRAFFIC CONTROL BOX
TCE	TEMPORARY CONSTRUCTION EASEMENT
TeI	TELEPHONE
Temp	TEMPORARY
TG	TOP OF GRADE
Tot	TOTAL
TP	TELEPHONE POLE
TPB	TREATED PERMEABLE BASE
TPM	TREATED PERMEABLE MATERIAL
Trans	TRANSITION

	<u>T continued</u>
TS	TRANSVERSE, TRAFFIC SIGNAL, TUBULAR STEEL
Typ	TYPICAL
	<u>U</u>
UC	UNDERCROSSING
UD	UNDERDRAIN
UG	UNDERGROUND
UON	UNLESS OTHERWISE NOTED
UP	UNDERPASS
	<u>V</u>
V	VALVE, DESIGN SPEED
Var	VARIABLE, VARIES
VC	VERTICAL CURVE
VCP	VITRIFIED CLAY PIPE
Vert	VERTICAL
Via	VIADUCT
Vol	VOLUME
	<u>W</u>
W	WEST, WIDTH
WB	WESTBOUND
WH	WEEP HOLE
WM	WIRE MESH
WS	WATER SURFACE
WSP	WELDED STEEL PIPE
Wt	WEIGHT
WV	WATER VALVE
WW	WINGWALL
WWLOL	WINGWALL LAYOUT LINE
	<u>X</u>
X Sec	CROSS SECTION
Xing	CROSSING
	<u>Y</u>
Yr	YEAR
Yrs	YEARS

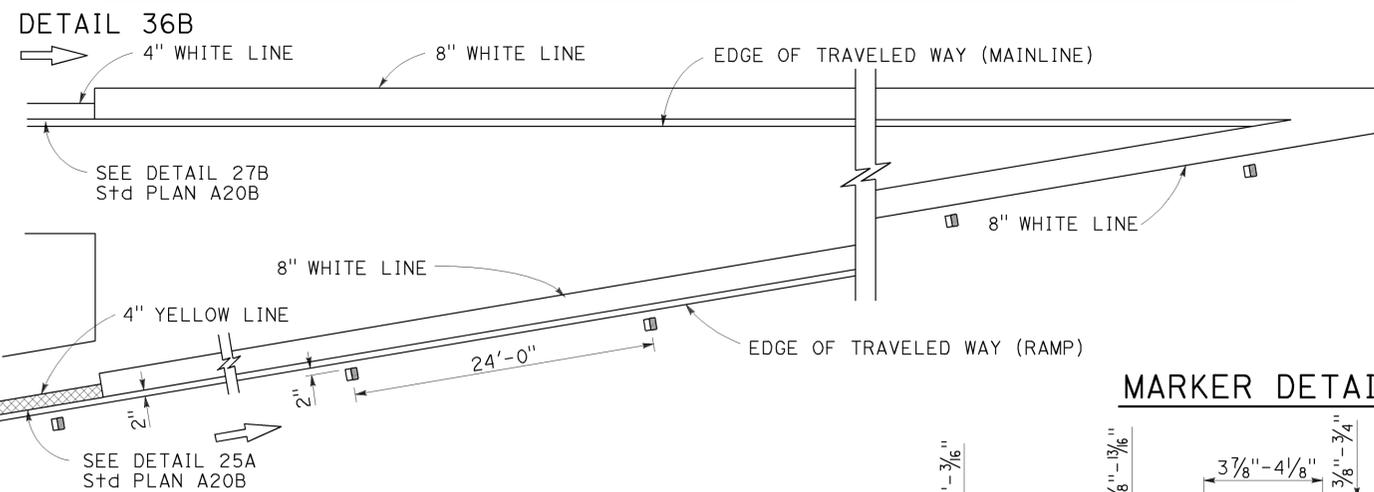
EXIT RAMP NEUTRAL AREA (GORE) TREATMENT



ENTRANCE RAMP NEUTRAL AREA (MERGE) TREATMENT



ENTRANCE RAMP NEUTRAL AREA (ACCELERATION LANE) TREATMENT

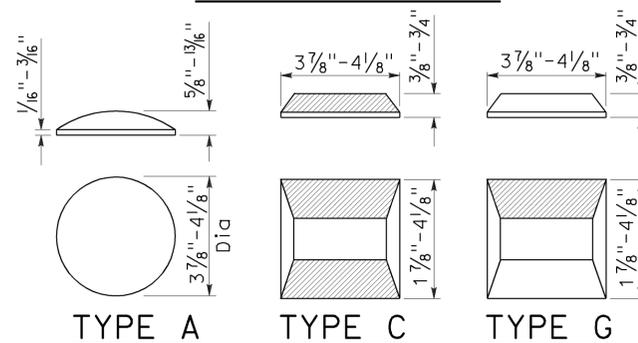


MARKER DETAILS

LEGEND:

MARKERS

- TYPE A WHITE NON-REFLECTIVE
- ◻ TYPE C RED-CLEAR RETROREFLECTIVE
- TYPE G ONE-WAY CLEAR RETROREFLECTIVE



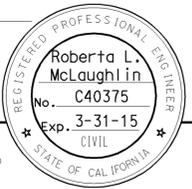
RETROREFLECTIVE FACE

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	95	106

Roberta L. McLaughlin
REGISTERED CIVIL ENGINEER

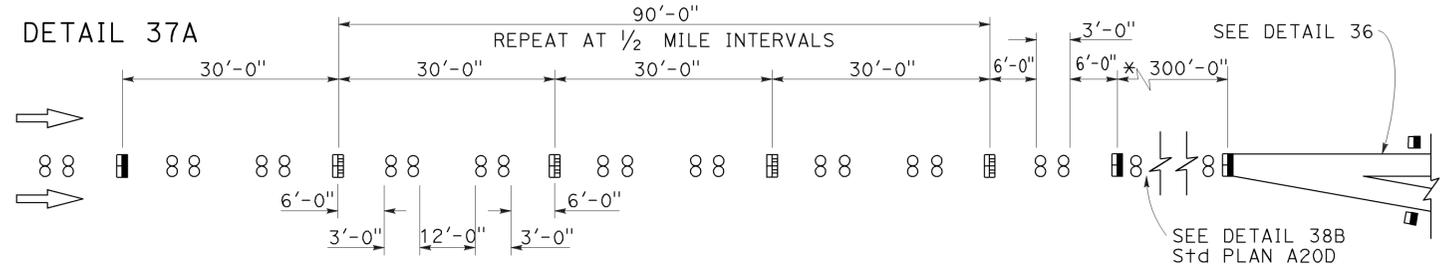
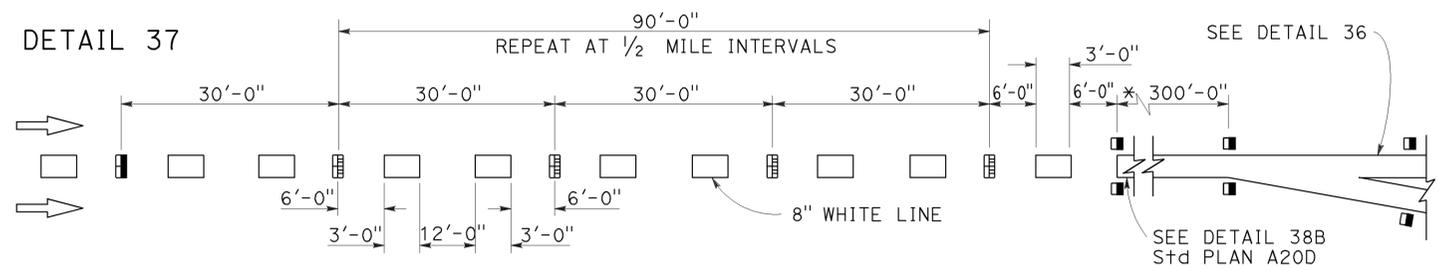
July 19, 2013
PLANS APPROVAL DATE

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.



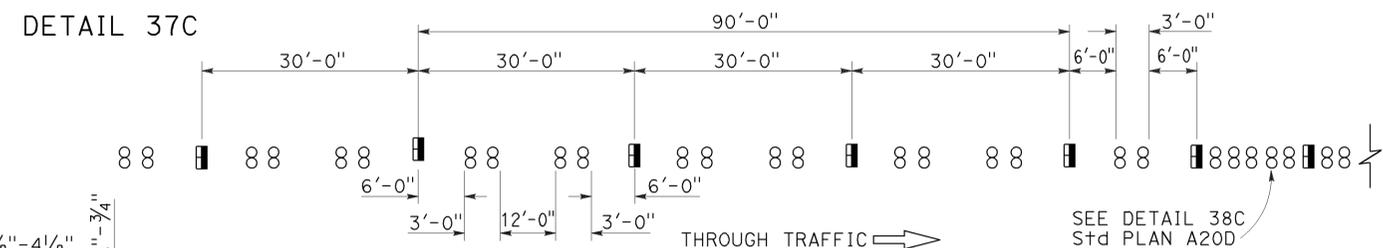
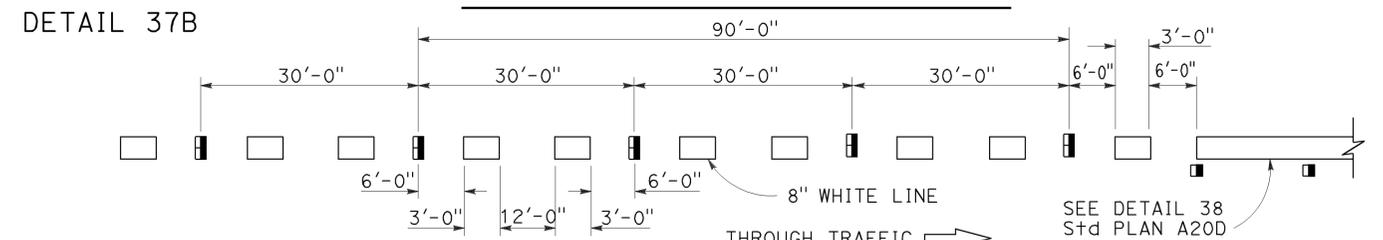
TO ACCOMPANY PLANS DATED 6-23-14

LANE DROP AT EXIT RAMP



* The solid channelizing line shown may be omitted on short auxiliary lanes where weaving length is critical.

LANE DROP AT INTERSECTIONS



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKERS AND TRAFFIC LINE TYPICAL DETAILS

NO SCALE

RSP A20C DATED JULY 19, 2013 SUPERSEDES STANDARD PLAN A20C DATED MAY 20, 2011 - PAGE 11 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP A20C

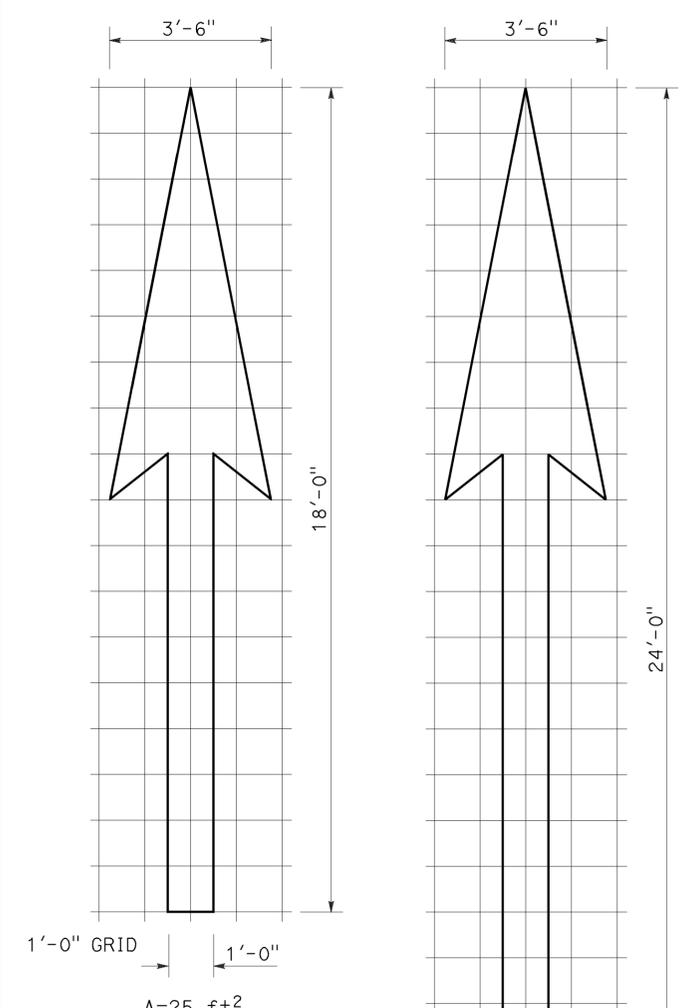
2010 REVISED STANDARD PLAN RSP A20C

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	96	106

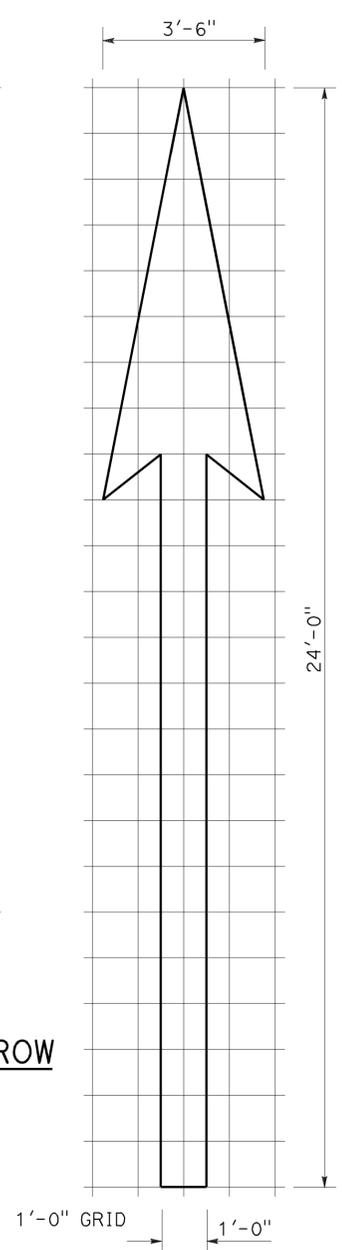
Robert L. McLaughlin
 REGISTERED CIVIL ENGINEER
 April 20, 2012
 PLANS APPROVAL DATE
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER
 Roberta L. McLaughlin
 No. C40375
 Exp. 3-31-13
 CIVIL
 STATE OF CALIFORNIA

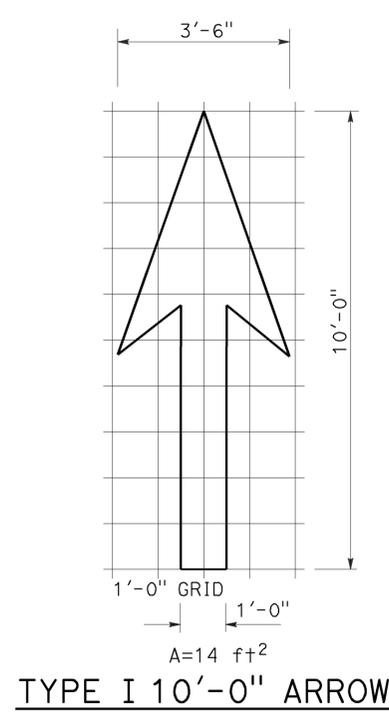
TO ACCOMPANY PLANS DATED 6-23-14



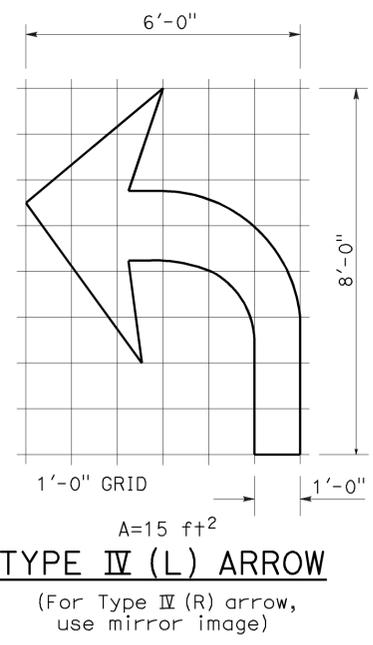
TYPE I 18'-0" ARROW



TYPE I 24'-0" ARROW

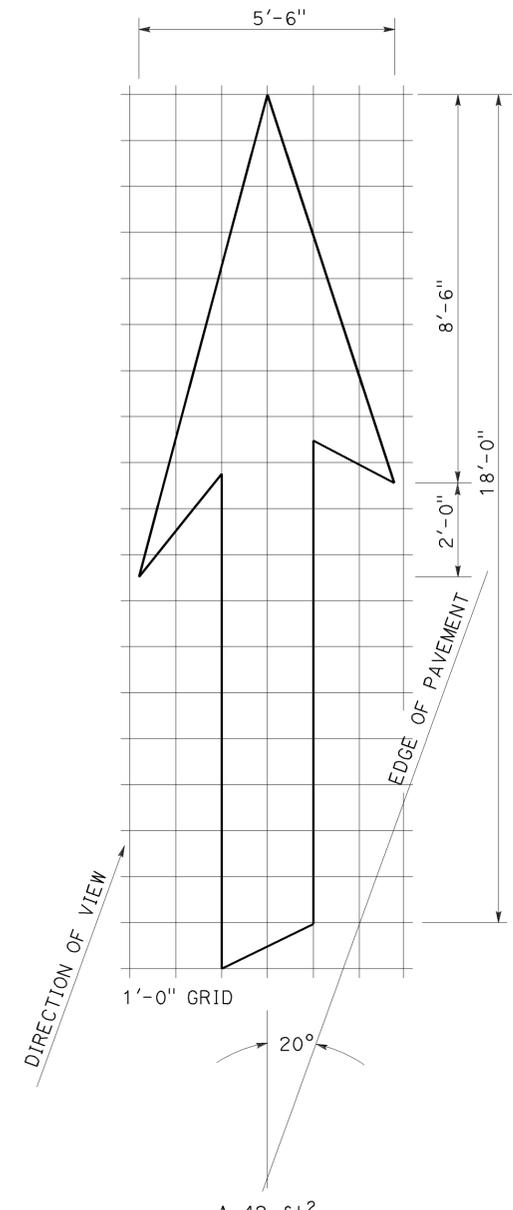


TYPE I 10'-0" ARROW



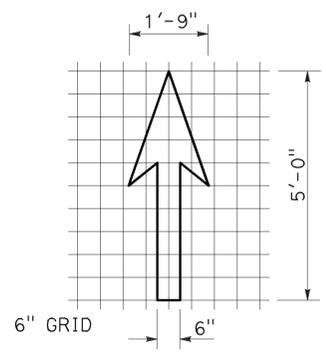
TYPE IV (L) ARROW

(For Type IV (R) arrow, use mirror image)

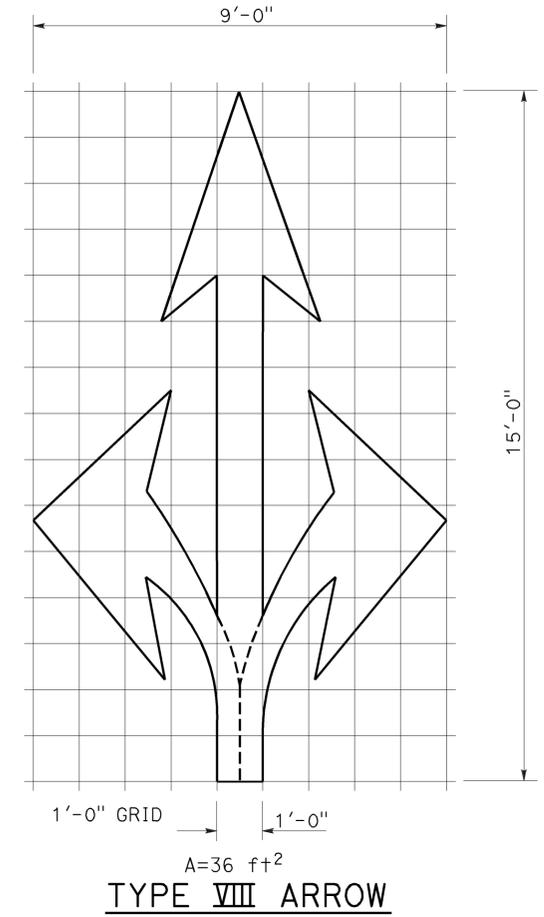


TYPE VI ARROW

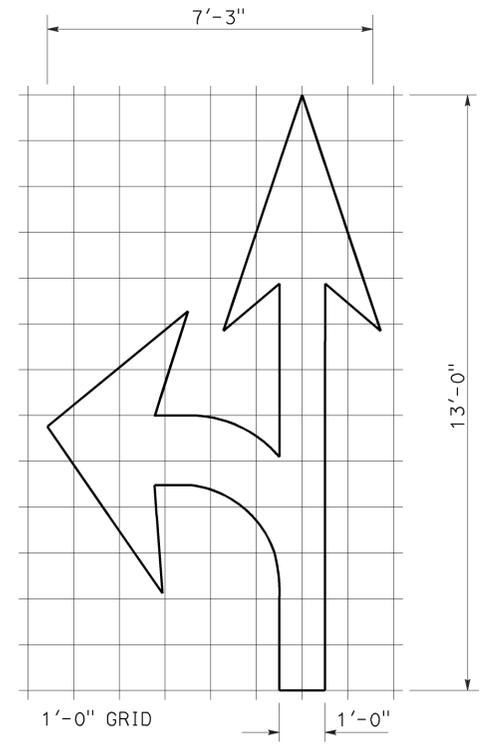
Right lane drop arrow
(For left lane, use mirror image)



BIKE LANE ARROW

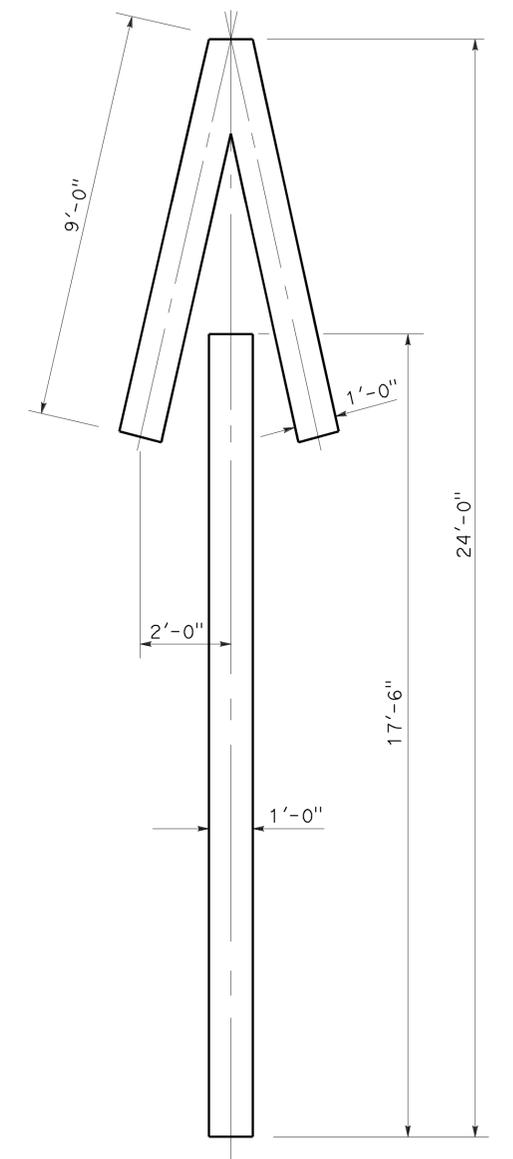


TYPE VIII ARROW



TYPE VII (L) ARROW

(For Type VII (R) arrow, use mirror image)



TYPE V ARROW

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**PAVEMENT MARKINGS
ARROWS**
NO SCALE

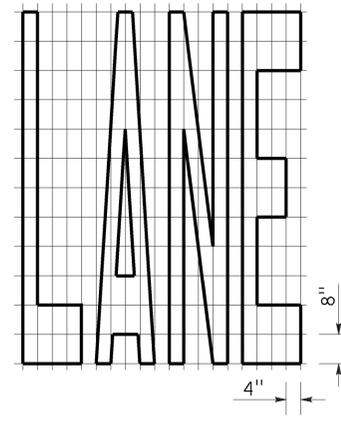
NOTE:
Minor variations in dimensions may be accepted by the Engineer.

RSP A24A DATED APRIL 20, 2012 SUPERSEDES STANDARD PLAN A24A DATED MAY 20, 2011 - PAGE 13 OF THE STANDARD PLANS BOOK DATED 2010.

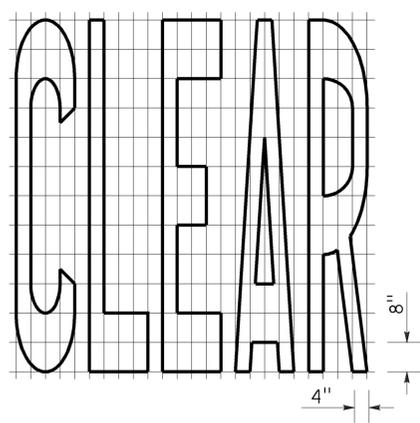
2010 REVISED STANDARD PLAN RSP A24A



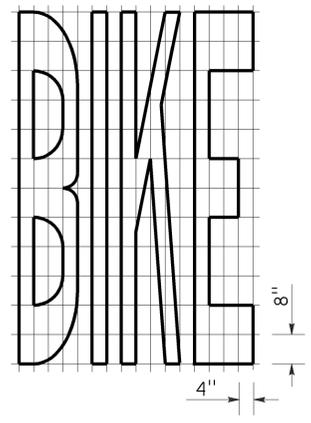
TO ACCOMPANY PLANS DATED 6-23-14



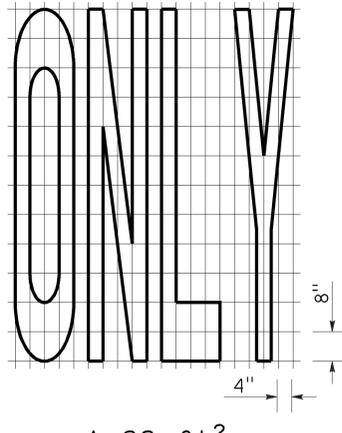
A=24 ft²



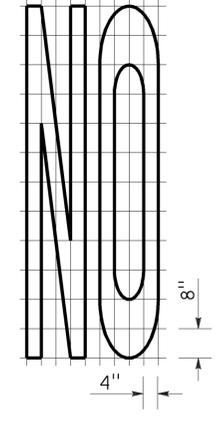
A=27 ft²



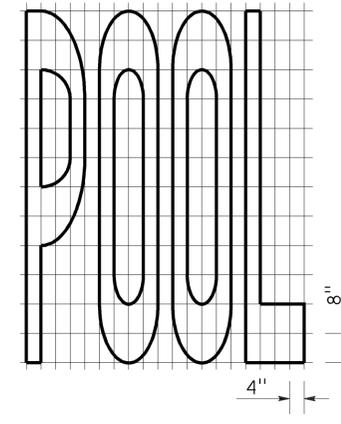
A=21 ft²



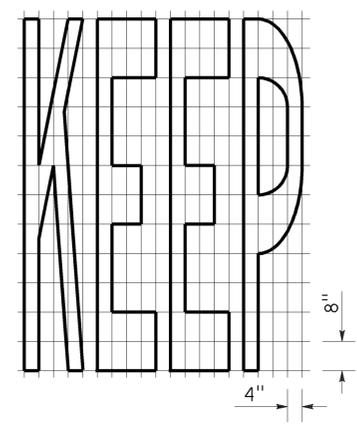
A=22 ft²



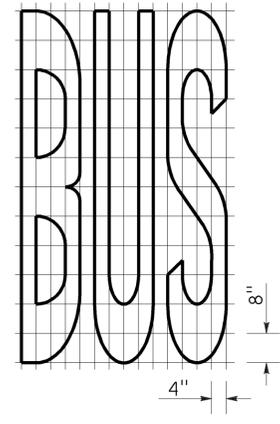
A=14 ft²



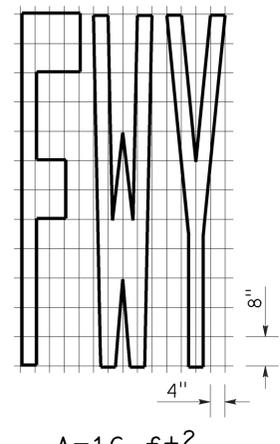
A=23 ft²



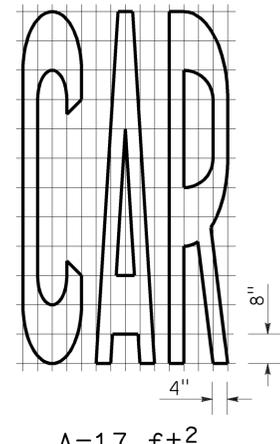
A=24 ft²



A=20 ft²

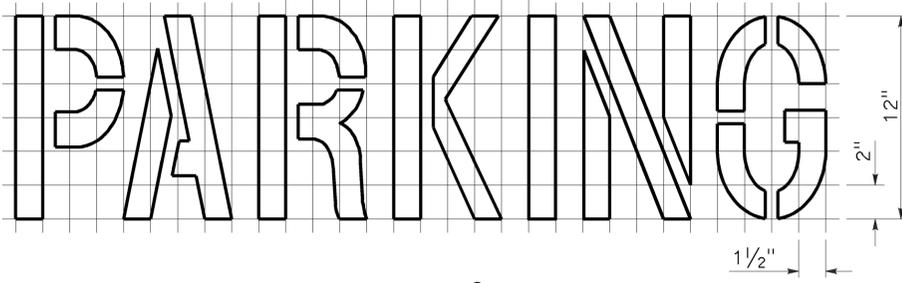
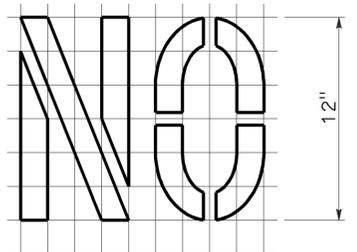


A=16 ft²

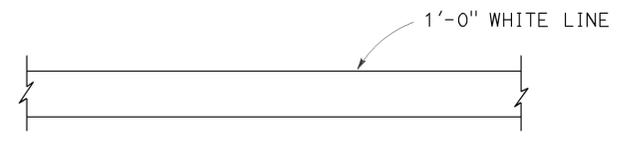


A=17 ft²

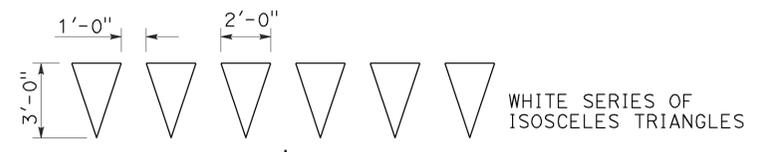
WORD MARKINGS			
ITEM	ft ²	ITEM	ft ²
LANE	24	NO	14
POOL	23	BIKE	21
CAR	17	BUS	20
CLEAR	27	ONLY	22
KEEP	24	FWY	16



A=2 ft²
See Notes 6 and 7



LIMIT LINE (STOP LINE)



YIELD LINE

NOTES:

1. If a message consists of more than one word, it should read "UP", i.e., the first word should be nearest the driver.
2. The space between words should be at least four times the height of the characters for low speed roads, but not more than ten times the height of the characters. The space may be reduced appropriately where there is limited space because of local conditions.
3. Minor variations in dimensions may be accepted by the Engineer.
4. Portions of a letter, number or symbol may be separated by connecting segments not to exceed 2" in width.
5. The words "NO PARKING" pavement marking is to be used for parking facilities. For typical locations of markings, see Standard Plans A90A and A90B.
6. The words "NO PARKING", shall be painted in white letters no less than 1'-0" high on a contrasting background and located so that it is visible to traffic enforcement officials.

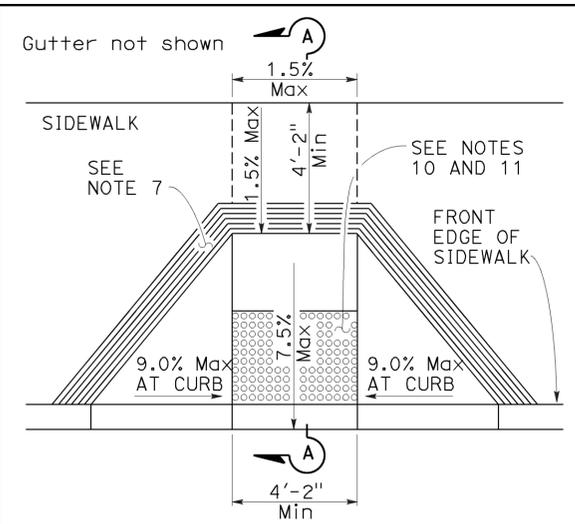
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**PAVEMENT MARKINGS
WORDS, LIMIT AND YIELD LINES**
NO SCALE

RSP A24E DATED JULY 20, 2012 SUPERSEDES STANDARD PLAN A24E
DATED MAY 20, 2011 - PAGE 17 OF THE STANDARD PLANS BOOK DATED 2010.

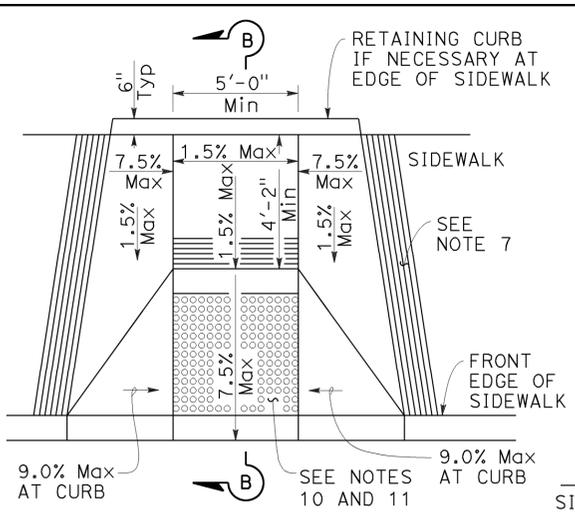
2010 REVISED STANDARD PLAN RSP A24E

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	98	106

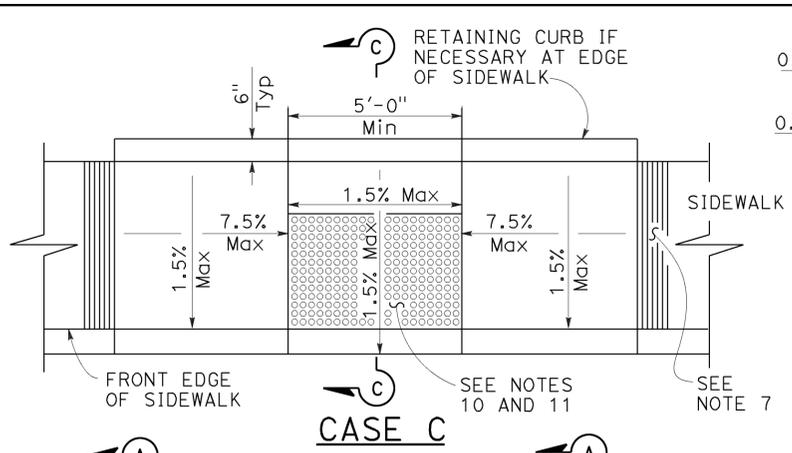
H. David Cordova
 REGISTERED CIVIL ENGINEER
 No. C41957
 Exp. 3-31-14
 CIVIL
 STATE OF CALIFORNIA



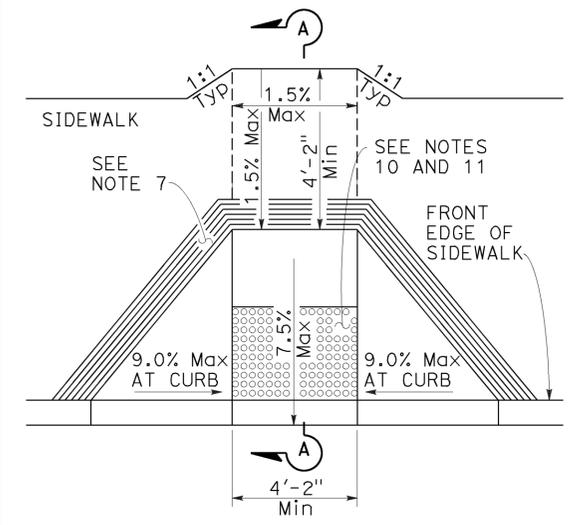
CASE A



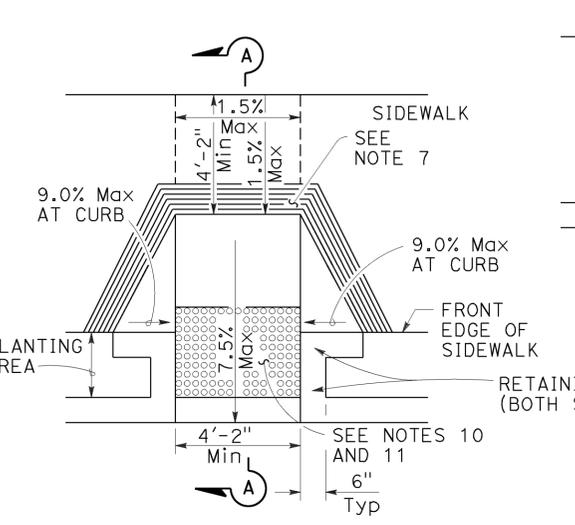
CASE B



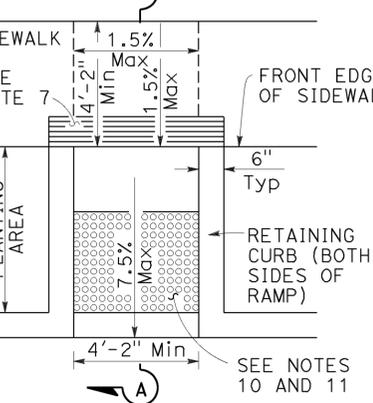
CASE C



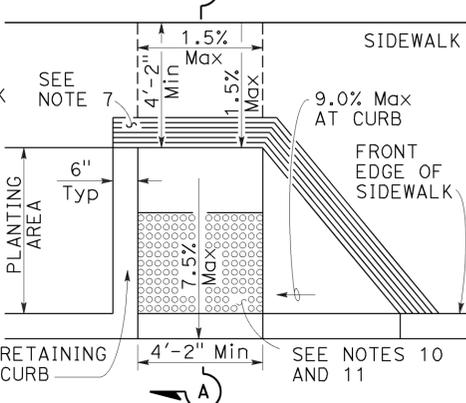
CASE D



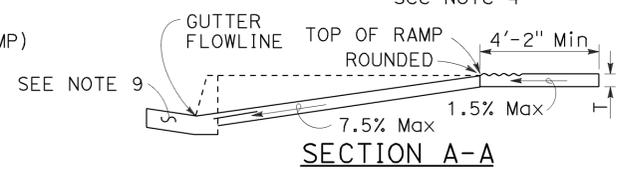
CASE E



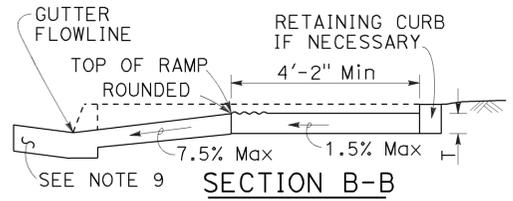
CASE F



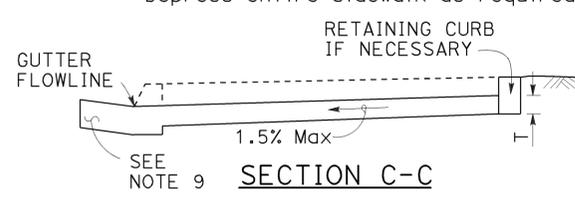
CASE G



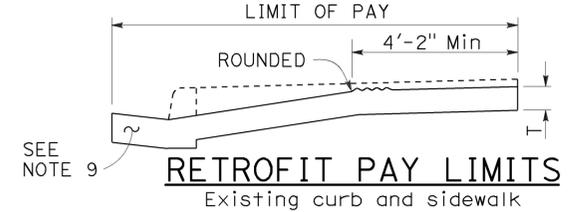
SECTION A-A



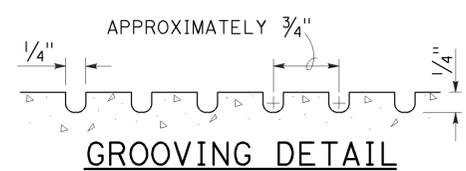
SECTION B-B



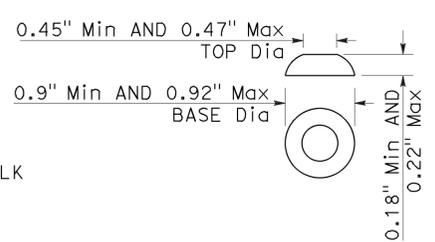
SECTION C-C



RETROFIT PAY LIMITS



GROOVING DETAIL



RAISED TRUNCATED DOME

NOTES:

- As site conditions dictate, Case A through Case G curb ramps may be used for corner installations similar to those shown in Detail A and Detail B. The case of curb ramps used in Detail A do not have to be the same. Case A through Case G curb ramps also may be used at mid block locations, as site conditions dictate.
- If distance from curb to back of sidewalk is too short to accommodate ramp and 4'-2" platform (landing) as shown in Case A, the sidewalk may be depressed longitudinally as in Case B, or C or may be widened as in Case D.
- When ramp is located in center of curb return, crosswalk configuration must be similar to that shown for Detail B.
- As site conditions dictate, the retaining curb side and the flared side of the Case G ramp shall be constructed in reversed position.
- If located on a curve, the sides of the ramp need not be parallel, but the minimum width of the ramp shall be 4'-2".
- Side slope of ramp flares vary uniformly from a maximum of 9.0% at curb to conform with longitudinal sidewalk slope adjacent to top of the ramp, except in Case C and Case F.
- The curb ramp shall be outlined, as shown, with a 1'-0" wide border with 1/4" grooves approximately 3/4" on center. See grooving detail.
- Transitions from ramps and landing to walks, gutters or streets shall be flush (no lip) and free of abrupt changes.
- Counter slopes of adjoining gutters and road surfaces immediately adjacent to and within 24 inches of the curb ramp shall not be steeper than 1:20 (5.0%). Gutter pan slope shall not exceed 1" of depth for each 2'-0" of width.
- Curb ramps shall have a detectable warning surface that extends the full width and 3'-0" depth of the ramp. A 4'-0" wide detectable warning surface may be used on a 4'-2" wide curb ramp. Detectable Warning Surfaces shall conform to the requirements in the Standard Specifications.
- The edge of the detectable warning surface nearest the street shall be between 6" and 8" from the gutter flowline.
- Sidewalk and ramp thickness, "T", shall be 3 1/2" minimum.
- Utility pull boxes, manholes, vaults and all other utility facilities within the boundaries of the curb ramp will be relocated or adjusted to grade by the owner prior to, or in conjunction with, curb ramp construction.
- Detectable warning surface may have to be cut to allow removal of utility covers while maintaining full detectable warning width and depth.

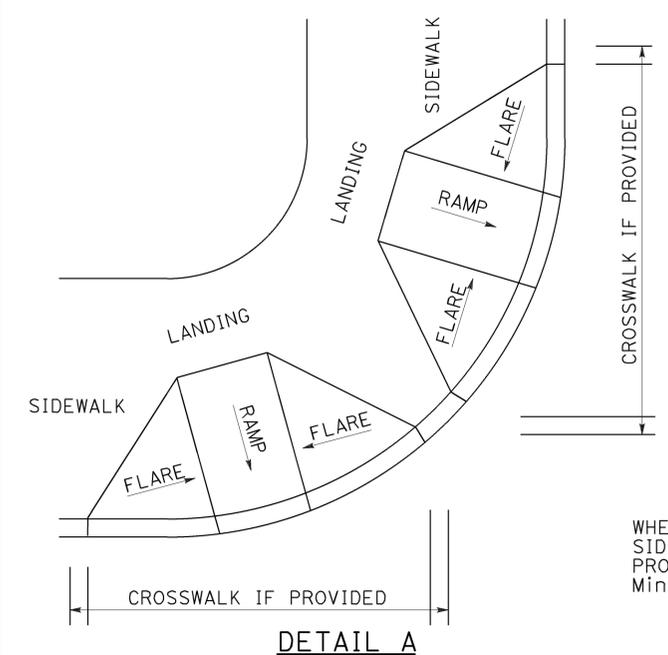


RAISED TRUNCATED DOME PATTERN (IN-LINE) DETECTABLE WARNING SURFACE

See Note 10

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
CURB RAMP DETAILS
NO SCALE

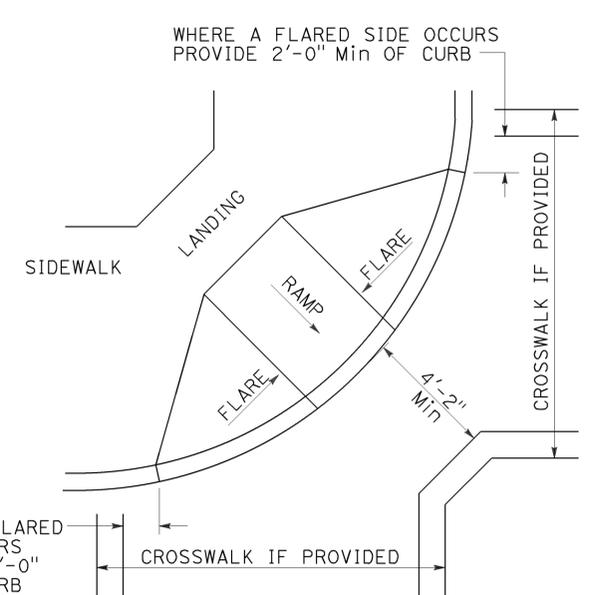
RSP A88A DATED MARCH 21, 2014 SUPERSEDES RSP A88A DATED JULY 19, 2013 AND STANDARD PLAN A88A DATED MAY 20, 2011 - PAGE 121 OF THE STANDARD PLANS BOOK DATED 2010.



DETAIL A

TYPICAL TWO-RAMP CORNER INSTALLATION

See Note 1



DETAIL B

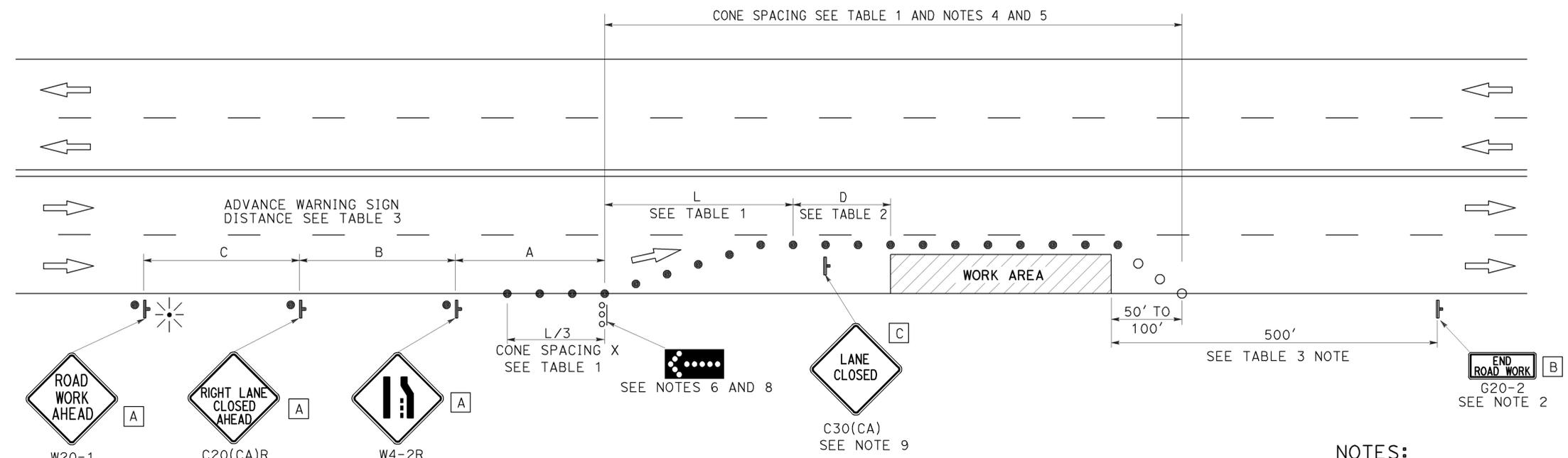
TYPICAL ONE-RAMP CORNER INSTALLATION

See Notes 1 and 3

2010 REVISED STANDARD PLAN RSP A88A



TO ACCOMPANY PLANS DATED 6-23-14



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

NOTES:

See Revised Standard Plan RSP T9 for tables.

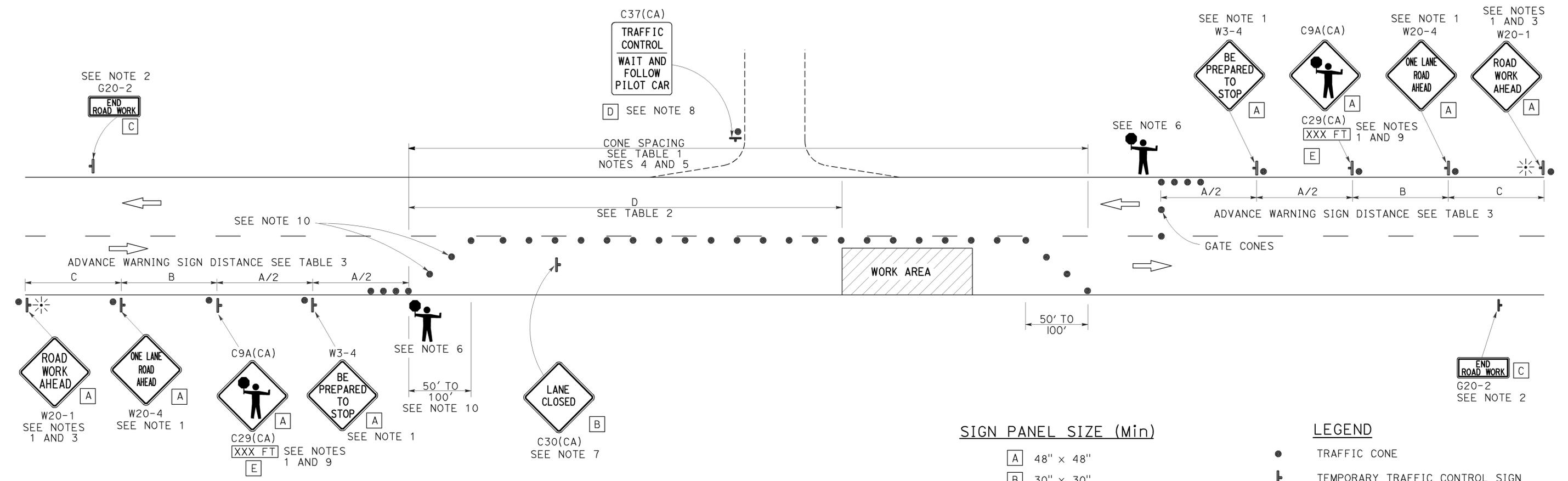
Use cone spacing X for taper segment, Y for tangent segment or Z for conflict situations, as appropriate, per Table 1, unless X, Y, or Z cone spacing is shown on this sheet.

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.

TYPICAL LANE CLOSURE WITH REVERSIBLE CONTROL

TO ACCOMPANY PLANS DATED 6-23-14



NOTES:

- Each advance warning sign in each direction of travel 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 control 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 W20-4 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.
- Additional advance flaggers may be required. Flagger should stand in a conspicuous place, be visible to approaching traffic as well as approaching vehicles after the first vehicle has stopped. During the hours of darkness, the flagging station and flagger shall be illuminated and clearly visible to approaching traffic. The illumination footprint of the lighting on the ground shall be at least 20' in diameter. Place a minimum of four cones at 50' intervals in advance of flagger station as shown.
- Place C30(CA) "LANE CLOSED" sign at 500' to 1000' intervals throughout extended work areas. They are optional if the work area is visible from the flagger station.
- When a pilot car is used, place a C37(CA) "TRAFFIC CONTROL-WAIT AND FOLLOW PILOT CAR" sign with black legend on white background at all intersections, driveways and alleys without a flagger within traffic control area. Signs shall be clean and visible at all times. Where traffic can not be effectively self-regulated, at least one flagger shall be used at each intersection within traffic control area.
- An optional C29(CA) sign may be placed below the C9A(CA) sign.
- Either traffic cones or barricades shall be placed on the taper. Barricades shall be Type I, II, or III.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**TRAFFIC CONTROL SYSTEM
FOR LANE CLOSURE ON
TWO LANE CONVENTIONAL
HIGHWAYS**

NO SCALE

RSP T13 DATED APRIL 19, 2013 SUPERSEDES STANDARD PLAN T13
DATED MAY 20, 2011 - PAGE 241 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP T13

2010 REVISED STANDARD PLAN RSP T13

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

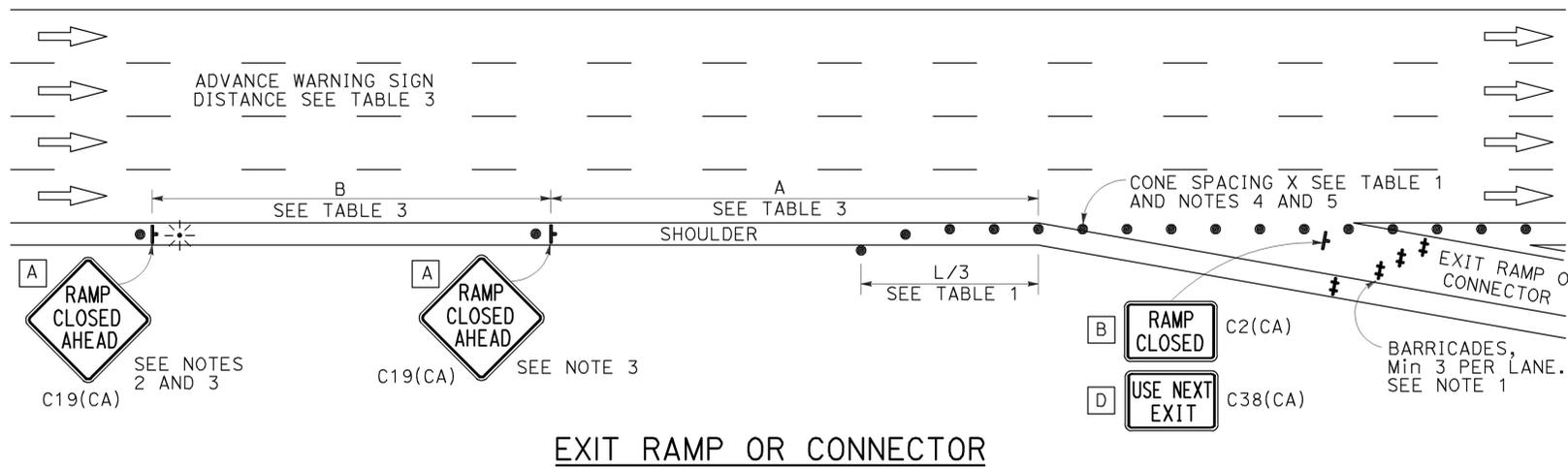
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	101	106

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

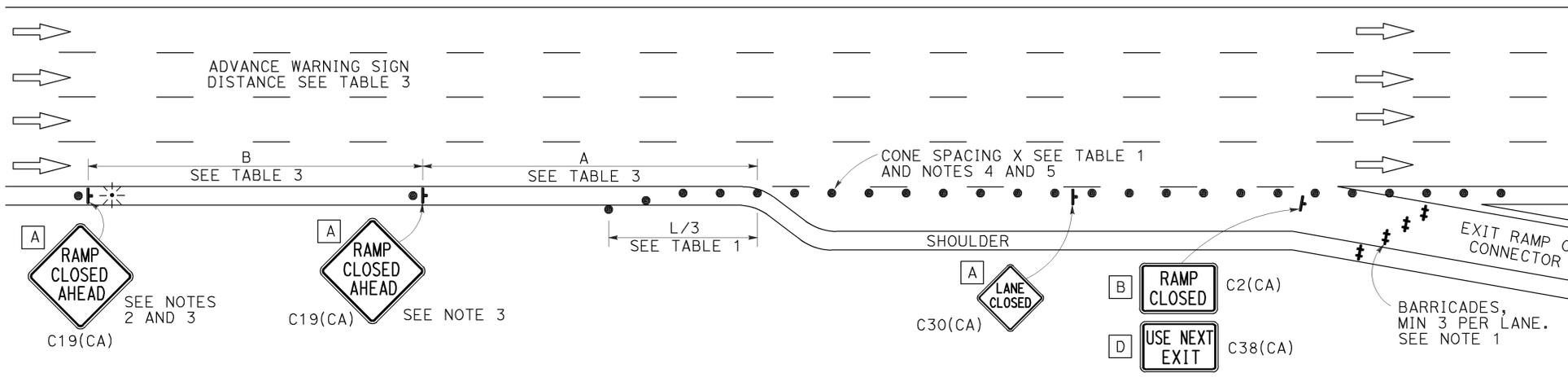
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

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

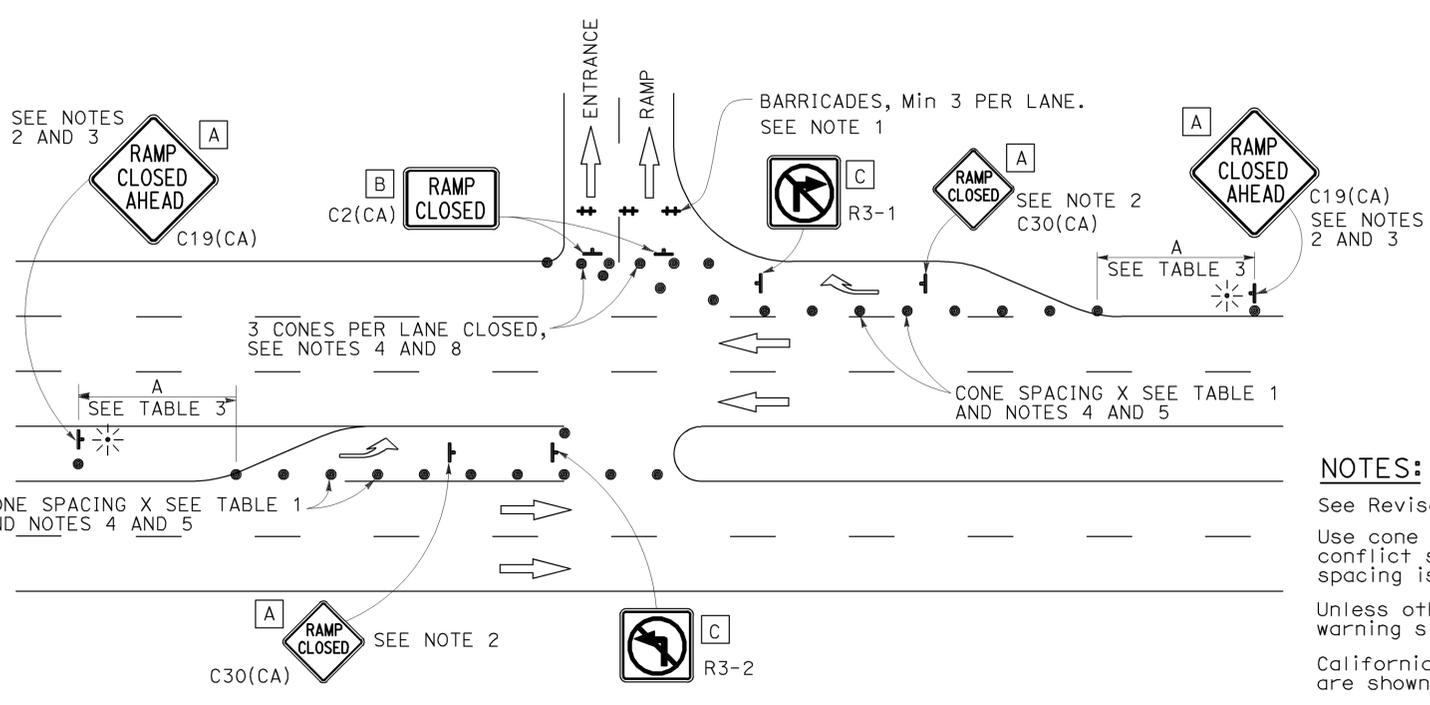
TO ACCOMPANY PLANS DATED 6-23-14



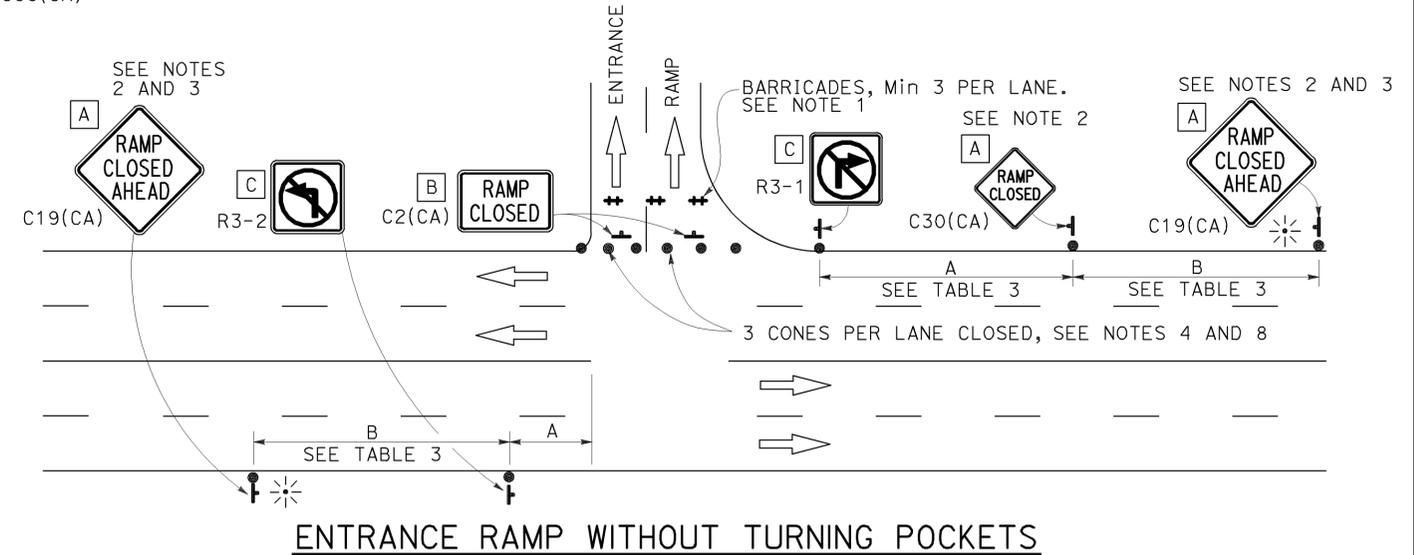
EXIT RAMP OR CONNECTOR



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) "LANE 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

2010 REVISED STANDARD PLAN RSP T14

LEGEND:

AB	ABANDON. IF APPLIED TO CONDUIT, REMOVE CONDUCTORS
BC	INSTALL PULL BOX IN EXISTING CONDUIT RUN
BP	PEDESTRIAN BARRICADE, TYPE AS INDICATED ON PLAN
CB	INSTALL CONDUIT INTO EXISTING PULL BOX
CC	CONNECT NEW AND EXISTING CONDUIT. REMOVE EXISTING CONDUCTORS AND INSTALL CONDUCTORS AS INDICATED
CF	CONDUIT TO REMAIN FOR FUTURE USE. REMOVE CONDUCTORS. INSTALL PULL TAPE
DH	DETECTOR HANDHOLE
FA	FOUNDATION TO BE ABANDONED
IS	INSTALL SIGN ON SIGNAL MAST ARM
NS	NO SLIP BASE ON STANDARD
PEC	PHOTOELECTRIC CONTROL
PEU	PHOTOELECTRIC UNIT
RC	EQUIPMENT OR MATERIAL TO BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR
RE	REMOVE ELECTROLIER, FUSES AND BALLAST. TAPE ENDS OF CONDUCTORS
RL	RELOCATE EQUIPMENT
RR	REMOVE AND REUSE EQUIPMENT
RS	REMOVE AND SALVAGE EQUIPMENT
SC	SPLICE NEW TO EXISTING CONDUCTORS
SD	SERVICE DISCONNECT
TSP	TELEPHONE SERVICE POINT

ABBREVIATIONS

APS	ACCESSIBLE PEDESTRIAN SIGNAL	M/M	MULTIPLE TO MULTIPLE TRANSFORMER
BBS	BATTERY BACKUP SYSTEM	Mtg	MOUNTING
BC	BOLT CIRCLE	MV	MERCURY VAPOR LIGHTING FIXTURE
BPB	BICYCLE PUSH BUTTON	MVDS	MICROWAVE VEHICLE DETECTION SYSTEM
C	CONDUIT	N	NEUTRAL (GROUNDED CONDUCTOR)
CB	CIRCUIT BREAKER	NB	NEUTRAL BUS
CCTV	CLOSED CIRCUIT TELEVISION	NC	NORMALLY CLOSE
Ck+	CIRCUIT	NO	NORMALLY OPEN
CMS	CHANGEABLE MESSAGE SIGN	P	CIRCUIT BREAKER'S POLE
Ctid	CALTRANS IDENTIFICATION	PB	PULL BOX
Comm	COMMUNICATION	PBA	PUSH BUTTON ASSEMBLY
DLC	LOOP DETECTOR LEAD-IN CABLE	PEC	PHOTOELECTRIC CONTROL
EMS	EXTINGUISHABLE MESSAGE SIGN	Ped	PEDESTRIAN
EVUC	EMERGENCY VEHICLE UNIT CABLE	PEU	PHOTOELECTRIC UNIT
EVUD	EMERGENCY VEHICLE UNIT DETECTOR	PT	CONDUIT WITH PULL TAPE
FB	FLASHING BEACON	RE	RELOCATED EQUIPMENT
FBCA	FLASHING BEACON CONTROL ASSEMBLY	RM	RAMP METERING
FBS	FLASHING BEACON WITH SLIP BASE	RWIS	ROADSIDE WEATHER INFORMATION SYSTEM
FO	FIBER OPTIC	SB	SLIP BASE
G	EQUIPMENT GROUNDING CONDUCTOR	SIC	SIGNAL INTERCONNECT CABLE
GB	GROUND BUS	Sig	SIGNAL
GFCI	GROUND FAULT CIRCUIT INTERRUPTER	SMA	SIGNAL MAST ARM
HAR	HIGHWAY ADVISORY RADIO	SNS	STREET NAME SIGN
Hex	HEXAGONAL	SP	SERVICE POINT
HPS	HIGH PRESSURE SODIUM	TDC	TELEPHONE DEMARCATION CABINET
IISNS	INTERNALLY ILLUMINATED STREET NAME SIGN	TMS	TRAFFIC MONITORING STATION
ISL	INDUCTION SIGN LIGHTING	TOS	TRAFFIC OPERATIONS SYSTEM
LED	LIGHT EMITTING DIODE	Veh	VEHICLE
LMA	LUMINAIRE MAST ARM	VIVDS	VIDEO IMAGE VEHICLE DETECTION SYSTEM
LPS	LOW PRESSURE SODIUM	WIM	WEIGH-IN-MOTION
Ltg	LIGHTING	Xfmr	TRANSFORMER
Lum	LUMINAIRE		
M	METERED		
MAT	MAST ARM MOUNTING TOP ATTACHMENT		
MAS	MAST ARM MOUNTING SIDE ATTACHMENT		

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	102	106

Theresa Gabriel
REGISTERED ELECTRICAL ENGINEER

July 19, 2013
PLANS APPROVAL DATE

Theresa
Aziz Gabriel
No. E15129
Exp. 6-30-14
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.

TO ACCOMPANY PLANS DATED 6-23-14

SOFFIT AND WALL MOUNTED LUMINAIRES

- PENDANT, 70 W HPS UNLESS OTHERWISE SPECIFIED
- FLUSH, 70 W HPS UNLESS OTHERWISE SPECIFIED
- WALL SURFACE, 70 W HPS UNLESS OTHERWISE SPECIFIED
- EXISTING SOFFIT OR WALL LUMINAIRE TO REMAIN UNMODIFIED
- EXISTING SOFFIT OR WALL LUMINAIRE TO BE MODIFIED AS SPECIFIED

NOTE:
Arrow indicates "street side" of luminaire.

COMMONLY USED SYMBOLS FOR UNITED STATES CUSTOMARY UNITS OF MEASUREMENT:

SYMBOL USED	DEFINITIONS
Ω	OHMS
min	MINUTE
s	SECOND
bps	BITS PER SECOND
Bps	BYTES PER SECOND
A	AMPERE
V	VOLT
V(dc)	VOLT (DIRECT CURRENT)
V(ac)	VOLT (ALTERNATING CURRENT)
FC	FOOT - CANDLE
W	WATTS
VA	VOLT-AMPERE
M	MEGA
k	KILO
m	MILLI
μ	MICRO
P	PICO
HZ	HERTZ

MISCELLANEOUS ELECTROLIERS

NEW	EXISTING	
		LUMINAIRE ON WOOD POLE
		NON-STANDARD ELECTROLIER (SEE PROJECT NOTES OR PROJECT PLANS)
		CITY ELECTROLIER
		ELECTROLIER FOUNDATION (FUTURE INSTALLATION)

- NOTES:**
- HPS luminaires shall be 310 W HPS when installed on Type 21, 21D, 30, 31 and 32 Standards, unless otherwise specified. HPS luminaires shall be 200 W when installed on other type standards or poles, unless otherwise specified.
 - LED luminaires shall be 235 W when installed on Type 21, 21D, 30, 31 and 32 Standards, unless otherwise specified. LED luminaires shall be 165 W when installed on other type standards or poles, unless otherwise specified.
 - Luminaires shall be the cutoff type, ANSI Type III medium cutoff lighting distribution, unless otherwise specified.

STANDARD ELECTROLIER

NEW	EXISTING	STANDARD TYPE
		15
		15D
		15 STRUCTURE
		15D STRUCTURE
		21
		21D
		21 STRUCTURE
		21D STRUCTURE
		30
		31
		32

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**ELECTRICAL SYSTEMS
(LEGEND AND ABBREVIATIONS)**

NO SCALE

RSP ES-1A DATED JULY 19, 2013 SUPERSEDES STANDARD PLAN ES-1A DATED MAY 20, 2011 - PAGE 425 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP ES-1A

2010 REVISED STANDARD PLAN RSP ES-1A

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	103	106

Theresa Gabriel
 REGISTERED ELECTRICAL ENGINEER
 July 19, 2013
 PLANS APPROVAL DATE
 No. E15129
 Exp. 6-30-14
 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.

TO ACCOMPANY PLANS DATED 6-23-14

CONDUIT

SIGNAL EQUIPMENT

NEW	EXISTING	
---	---	LIGHTING CONDUIT, UNLESS OTHERWISE INDICATED OR NOTED
---	---	TRAFFIC SIGNAL CONDUIT
---C---	---c---	COMMUNICATION CONDUIT
---T---	---t---	TELEPHONE CONDUIT
---F---	---f---	FIRE ALARM CONDUIT
---FO---	---fo---	FIBER OPTIC CONDUIT
---	---	CONDUIT TERMINATION
		CONDUIT RISER ATTACHED TO THE STRUCTURE OR SERVICE POLE

NEW	EXISTING	
		PEDESTRIAN SIGNAL HEAD "C" INDICATES COUNTDOWN PEDESTRIAN HEAD
		PUSH BUTTON ASSEMBLY POST
		PEDESTRIAN BARRICADE
		VEHICLE SIGNAL HEAD (WITH BACKPLATE AND 3-SECTIONS: RED, YELLOW AND GREEN)
		VEHICLE SIGNAL HEAD WITH ANGLE VISOR
		MODIFICATIONS OF BASIC SYMBOL: "L" INDICATES ALL NON-ARROW SECTIONS LOUVERED "LG" INDICATES LOUVERED GREEN SECTION ONLY "PV" INDICATES ALL 12" SECTIONS PROGRAMMED VISIBILITY "8" INDICATES ALL 8" SECTIONS (ONLY WHEN SPECIFIED)

SIGNAL EQUIPMENT Cont

NEW	EXISTING	
		GUARD POST
		TYPE 1 STANDARD WITH RAMP METERING SIGN
		OPTICAL DETECTOR FOR THE EMERGENCY VEHICLE DETECTION SYSTEM

SERVICE EQUIPMENT

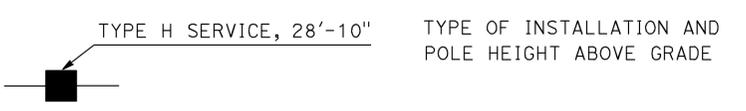
NEW	EXISTING	
---OH---	---oh---	OVERHEAD LINES
		WOOD POLE, "U" INDICATES UTILITY OWNED
		POLE GUY WITH ANCHOR
		UTILITY TRANSFORMER - GROUND MOUNTED
		SERVICE EQUIPMENT ENCLOSURE TYPE. DOOR INDICATES FRONT OF ENCLOSURE
		TELEPHONE DEMARCATION CABINET

		VEHICLE SIGNAL HEAD CONSISTING OF RED, YELLOW AND GREEN LEFT ARROW SECTIONS
		VEHICLE SIGNAL HEAD CONSISTING OF RED AND YELLOW SECTIONS WITH AN UP GREEN ARROW SECTION
		VEHICLE SIGNAL HEAD (5 SECTION) CONSISTING OF RED, YELLOW AND GREEN SECTIONS WITH YELLOW AND GREEN RIGHT ARROW SECTIONS
		TYPE 15TS STANDARD WITH VEHICLE SIGNAL HEAD AND LUMINAIRE
		TYPE 21TS STANDARD WITH VEHICLE SIGNAL HEAD AND LUMINAIRE
		STANDARD WITH LUMINAIRE AND SIGNAL MAST ARMS AND ATTACHED VEHICLE SIGNAL HEADS
		TYPE 1 STANDARD WITH ATTACHED VEHICLE SIGNAL HEADS
		STANDARD WITH A SIGNAL MAST ARM, ATTACHED VEHICLE SIGNAL HEADS AND INTERNALLY ILLUMINATED STREET NAME SIGN
		CONTROLLER ASSEMBLY. DOOR INDICATES FRONT OF CABINET

NOTES:

- All signal sections shall be 12" unless shown otherwise.
- Signal heads shall be provided with backplates unless shown otherwise.

POLE-MOUNTED SERVICE DESIGNATION



FLASHING BEACON

NEW	EXISTING	
		FLASHING BEACON (ONE VEHICLE SIGNAL HEAD WITH BACKPLATE AND VISOR) "R" INDICATES RED INDICATION, "Y" INDICATES YELLOW INDICATION
		FLASHING BEACON WITH TYPE 15-FBS STANDARD AND A SIGN.
		FLASHING BEACON WITH TYPES 9, 9A OR 9B SIGN UNLESS OTHERWISE SPECIFIED OR INDICATED

ILLUMINATED OVERHEAD SIGN

NEW	EXISTING	
		SINGLE POST, SINGLE ILLUMINATED SIGN, BALANCED BUTTERFLY
		SINGLE POST, DOUBLE ILLUMINATED SIGN, BALANCED BUTTERFLY
		SINGLE POST, SINGLE ILLUMINATED SIGN, FULL CANTILEVER
		DOUBLE POST, SINGLE ILLUMINATED SIGN
		SINGLE ILLUMINATED SIGN MOUNTED ON STRUCTURE
		DOUBLE POST, SINGLE ILLUMINATED SIGN WITH ELECTROLIER

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
**ELECTRICAL SYSTEMS
(LEGEND AND ABBREVIATIONS)**
NO SCALE

RSP ES-1B DATED JULY 19, 2013 SUPERSEDES STANDARD PLAN ES-1B DATED MAY 20, 2011 - PAGE 426 OF THE STANDARD PLANS BOOK DATED 2010.

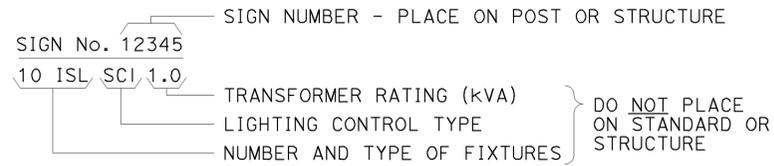
REVISED STANDARD PLAN RSP ES-1B

2010 REVISED STANDARD PLAN RSP ES-1B

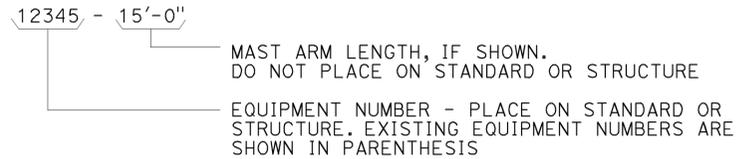
TO ACCOMPANY PLANS DATED 6-23-14

EQUIPMENT IDENTIFICATION

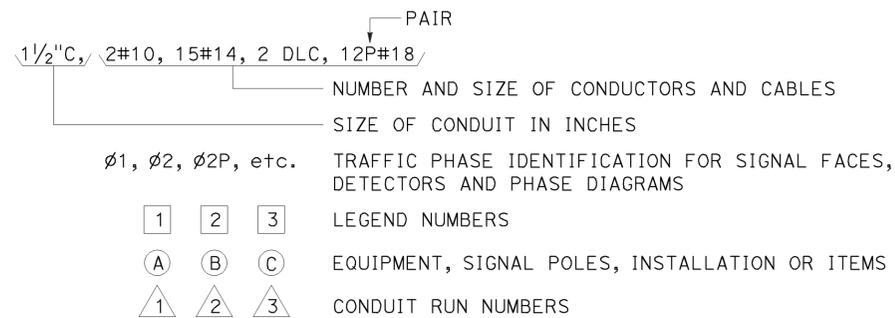
ILLUMINATED SIGN IDENTIFICATION NUMBER:



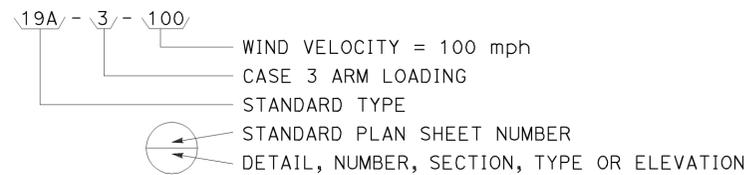
ELECTROLIER OR EQUIPMENT IDENTIFICATION NUMBER:



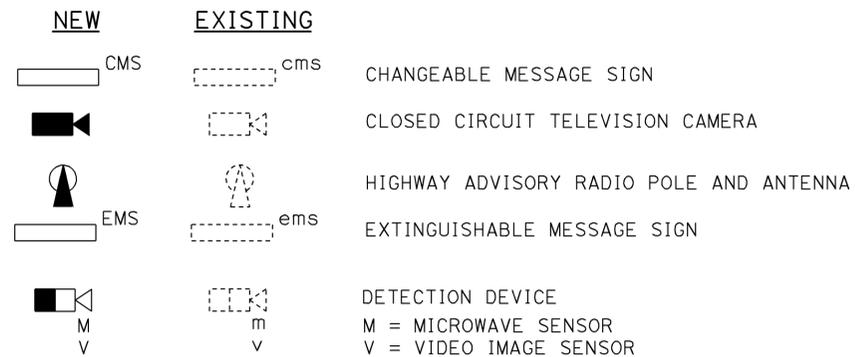
CONDUIT AND CONDUCTOR IDENTIFICATION:



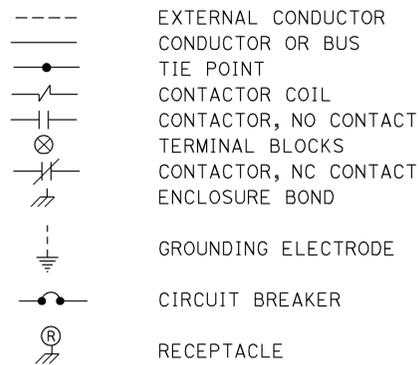
SIGNAL AND LIGHTING STANDARD (TYPICAL DESIGNATION):



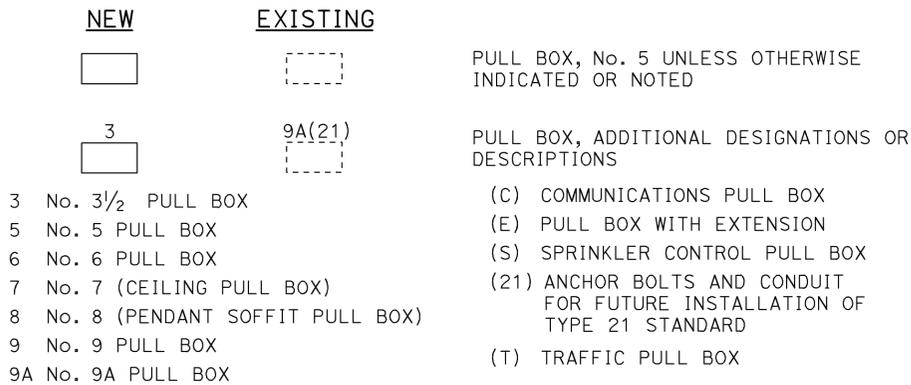
MISCELLANEOUS EQUIPMENT



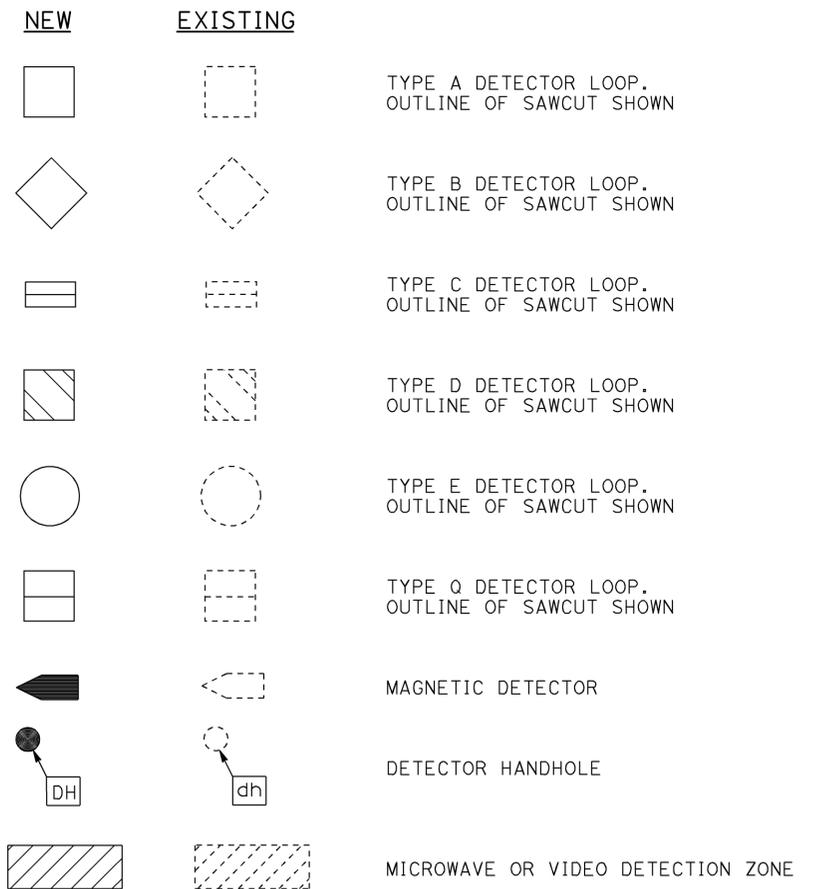
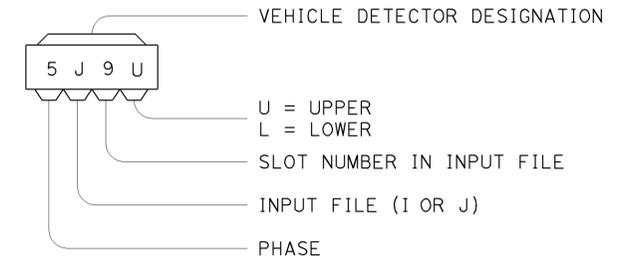
WIRING DIAGRAM LEGEND



PULL BOXES



VEHICLE DETECTORS



STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

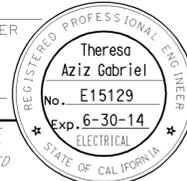
ELECTRICAL SYSTEMS (LEGEND AND ABBREVIATIONS)

NO SCALE

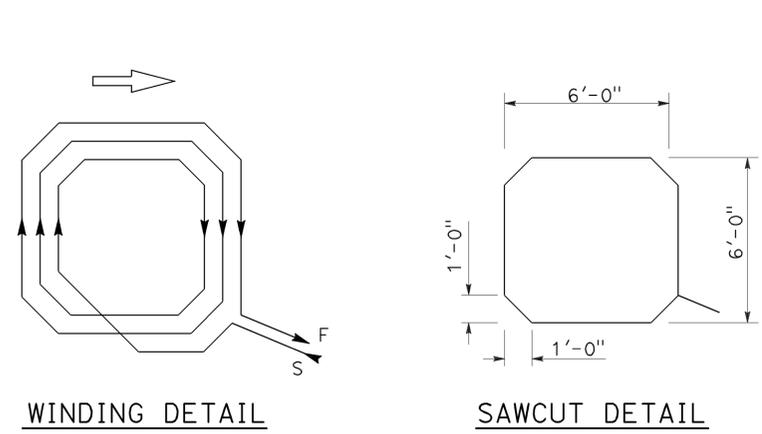
RSP ES-1C DATED JULY 19, 2013 SUPERSEDES STANDARD PLAN ES-1C
DATED MAY 20, 2011 - PAGE 427 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP ES-1C

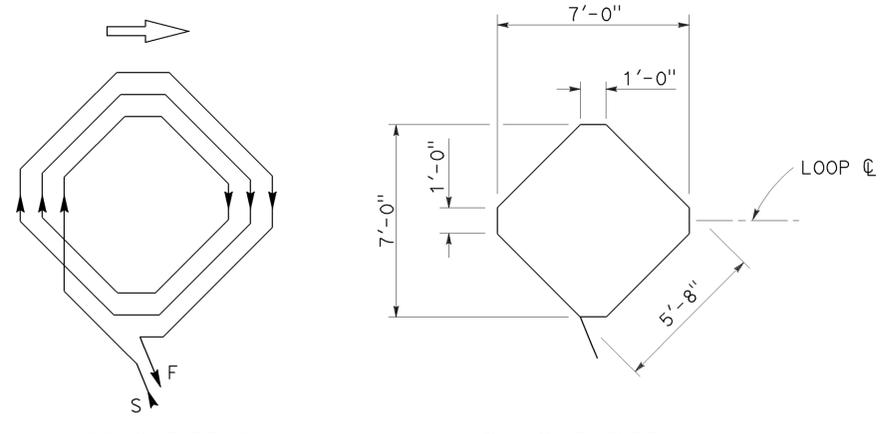
2010 REVISED STANDARD PLAN RSP ES-1C

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	105	106
<i>Theresa Gabriel</i> REGISTERED ELECTRICAL ENGINEER July 19, 2013 PLANS APPROVAL DATE <small>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.</small>					
					

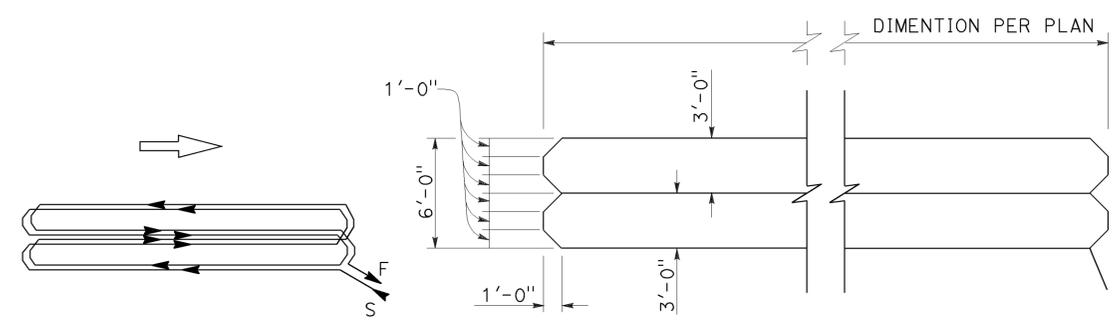
TO ACCOMPANY PLANS DATED 6-23-14



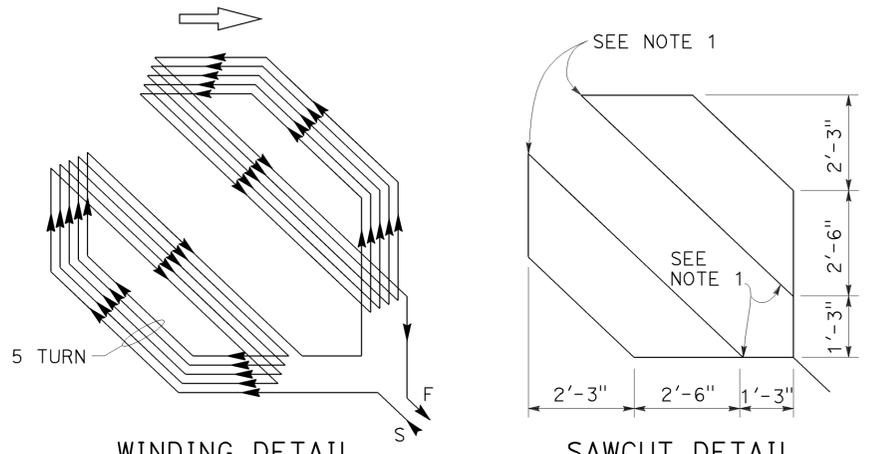
WINDING DETAIL
SAWCUT DETAIL
TYPE A LOOP DETECTOR CONFIGURATION



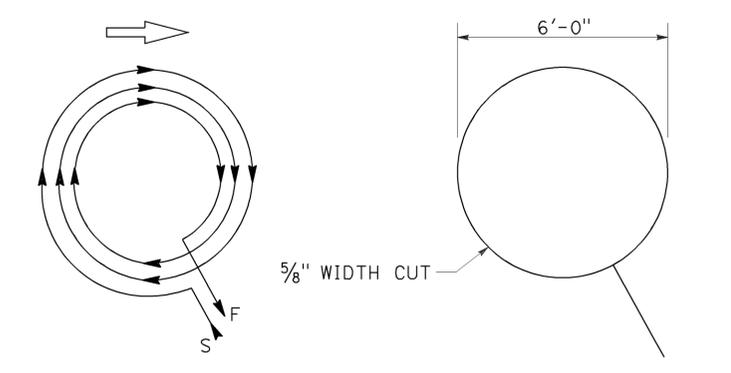
WINDING DETAIL
SAWCUT DETAIL
TYPE B LOOP DETECTOR CONFIGURATION



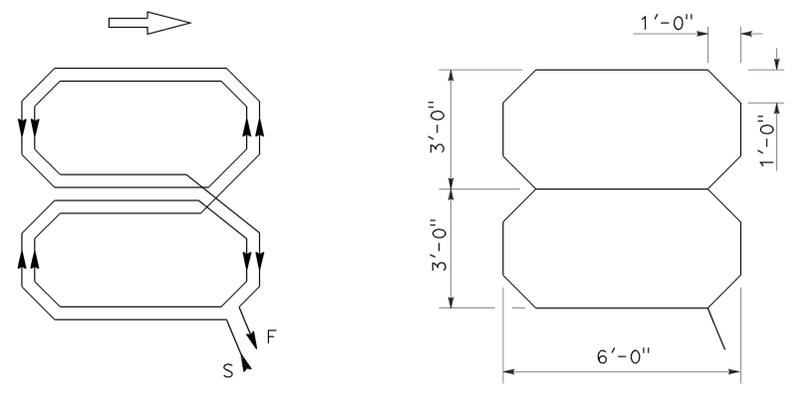
WINDING DETAIL
SAWCUT DETAIL
TYPE C LOOP DETECTOR CONFIGURATION



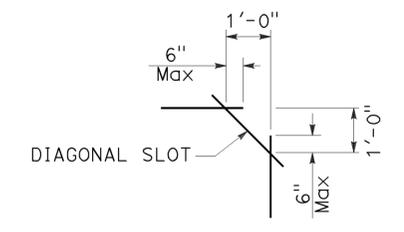
WINDING DETAIL
SAWCUT DETAIL
TYPE D LOOP DETECTOR CONFIGURATION



WINDING DETAIL
SAWCUT DETAIL
TYPE E LOOP DETECTOR CONFIGURATION



WINDING DETAIL
SAWCUT DETAIL
TYPE Q LOOP DETECTOR CONFIGURATION



**PLAN VIEW OF
DIAGONAL SLOT
AT CORNERS**

- NOTES:**
1. Round corners of acute angle sawcuts to prevent damage to conductors.
 2. Typical distance separating loops from edge to edge is 10' for Type A, B, D and E installation in single lane.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

**ELECTRICAL SYSTEMS
(DETECTORS)**

NO SCALE

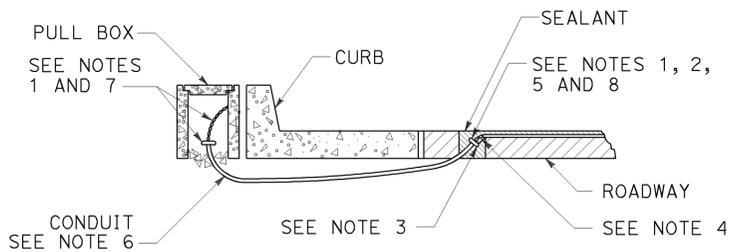
RSP ES-5B DATED JULY 19, 2013 SUPERSEDES STANDARD PLAN ES-5B
DATED MAY 20, 2011 - PAGE 449 OF THE STANDARD PLANS BOOK DATED 2010.

2010 REVISED STANDARD PLAN RSP ES-5B

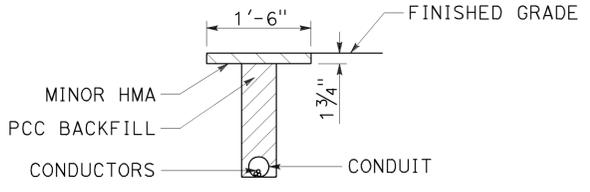
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SCI	152	R9.9/21.9	106	106

Theresa Gabriel
 REGISTERED ELECTRICAL ENGINEER
 July 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.
 REGISTERED PROFESSIONAL ENGINEER
 Theresa Aziz Gabriel
 No. E15129
 Exp. 6-30-14
 ELECTRICAL
 STATE OF CALIFORNIA

TO ACCOMPANY PLANS DATED 6-23-14

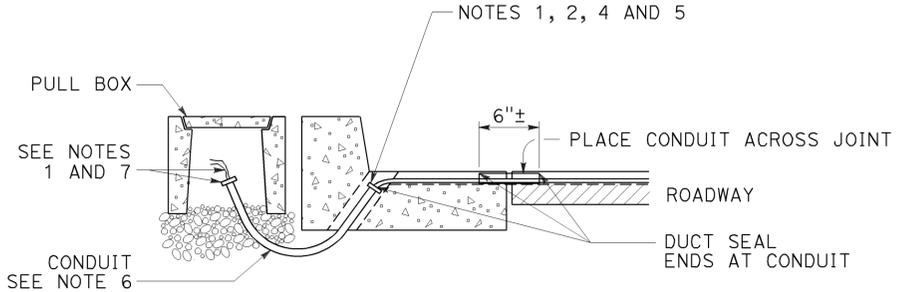


TYPE A
CURB TERMINATION DETAIL

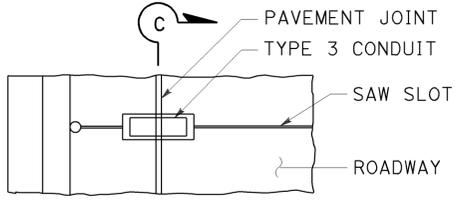


"T" TRENCH
DETAIL T

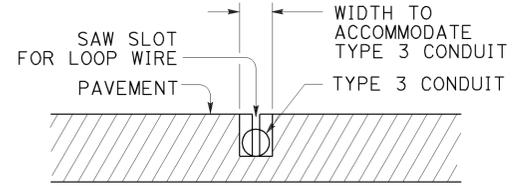
5/16" x 1 1/2" SCREW (BRASS, STAINLESS STEEL OR OTHER NON-CORRODING MATERIAL)



CROSS SECTION

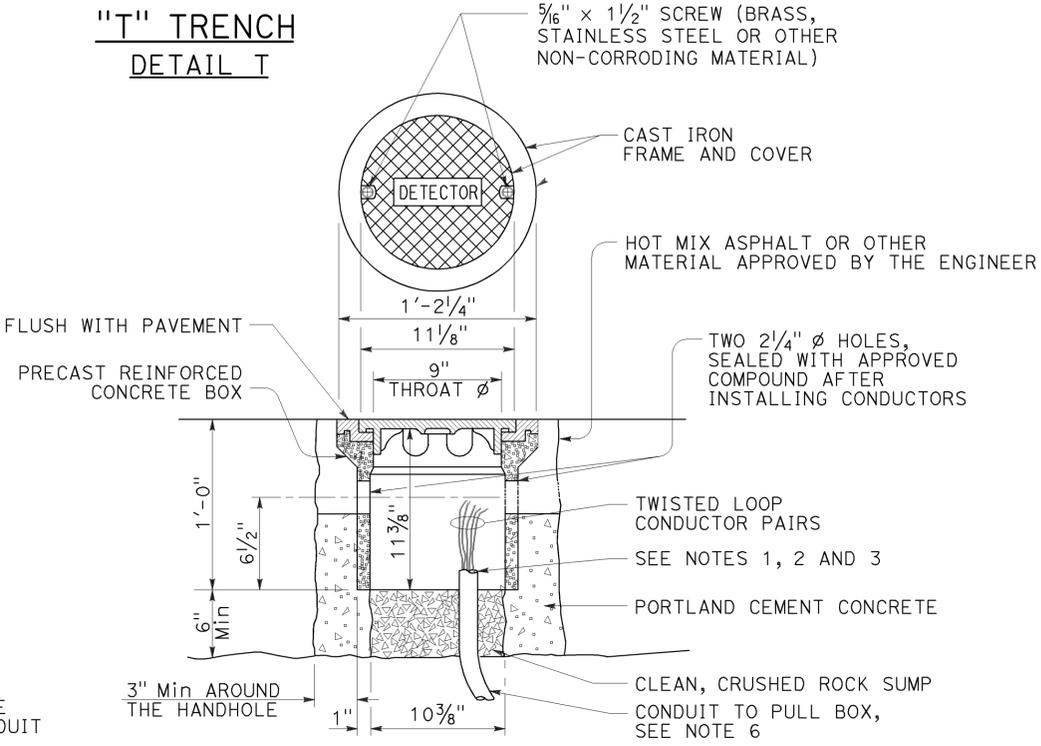


PLAN VIEW

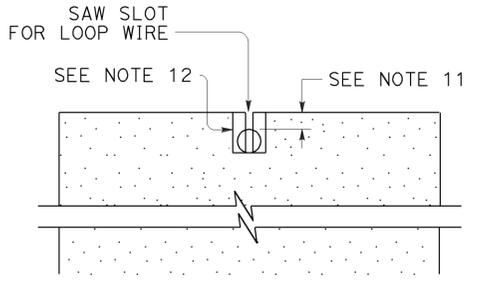


SECTION C-C

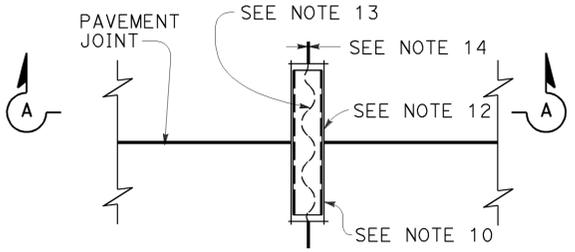
TYPE B
CURB TERMINATION DETAIL



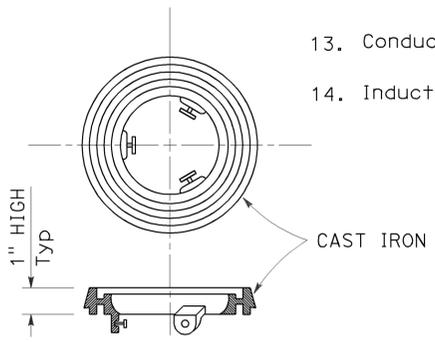
DETECTOR HANDHOLE DETAIL



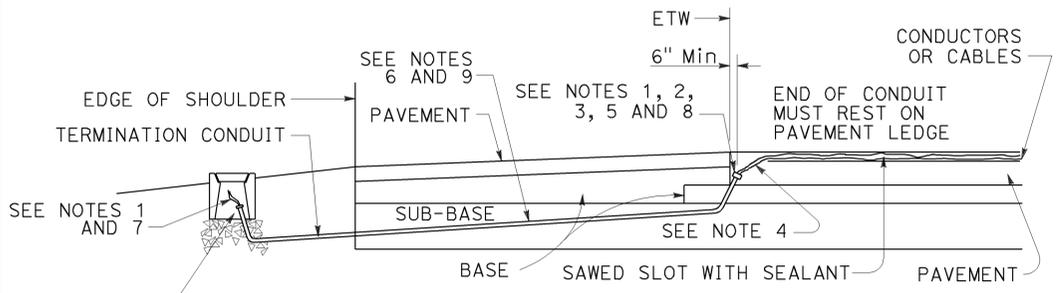
SECTION A-A



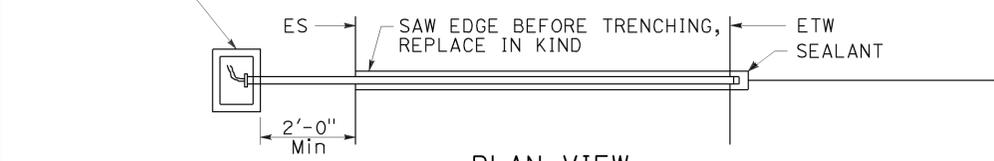
PLAN VIEW
TYPICAL LOOP LEAD-IN DETAIL
AT PAVEMENT JOINT



LOCKING GRADE RING



CROSS SECTION



PLAN VIEW
SHOULDER TERMINATION DETAILS

NOTES:

- Bushing shall be used at end of conduit.
- Tape detector conductors or cables 3" each side of bushings.
- Install duct seal compound to each end of termination conduit before installing sealant.
- Round all sharp edges where detector conductors or cables have to pass.
- End of conduit shall be 3/8" below roadway surface.
- Conduit size Loop conductors
 1"C minimum 1 to 2 pairs
 1 1/2"C minimum 3 to 4 pairs
 2"C minimum 5 or more pairs
- Splice detector conductors or cables to detector lead-in-cable.
- Location of detector handhole when shown on plans.
- When the shoulder and traveled way are paved with the same material and there is no joint between them, the conduit shall extend only 2'-0" into the shoulder pavement.
- 3/4"C, Type 3 conduit 6" long minimum, plug both ends with duct compound to keep out sealant.
- 1/2" Minimum between top of conduit and pavement surface.
- Sawcut shall not exceed 1" in width and 1/8" longer than conduit to be installed.
- Conductors with 1/2" minimum slack inside conduit.
- Inductive loop detector saw slot.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
ELECTRICAL SYSTEMS
(CURB TERMINATION
AND HANDHOLE)
NO SCALE

RSP ES-5D DATED JULY 19, 2013 SUPERSEDES STANDARD PLAN ES-5D DATED MAY 20, 2011 - PAGE 451 OF THE STANDARD PLANS BOOK DATED 2010.

REVISED STANDARD PLAN RSP ES-5D

2010 REVISED STANDARD PLAN RSP ES-5D