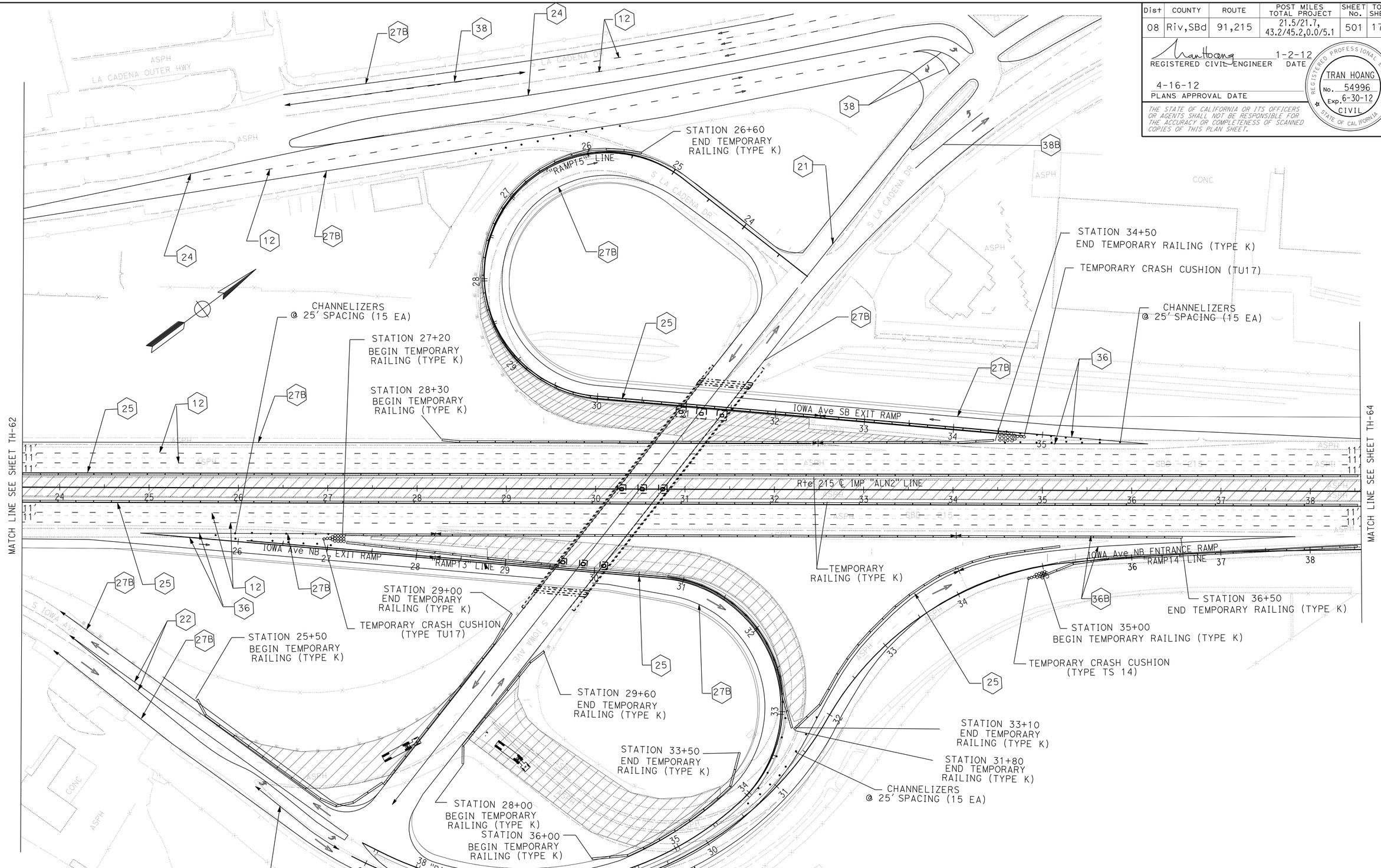
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	501	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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



TRAFFIC HANDLING PLAN
STAGE 3

NO SCALE

TH-63

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:43

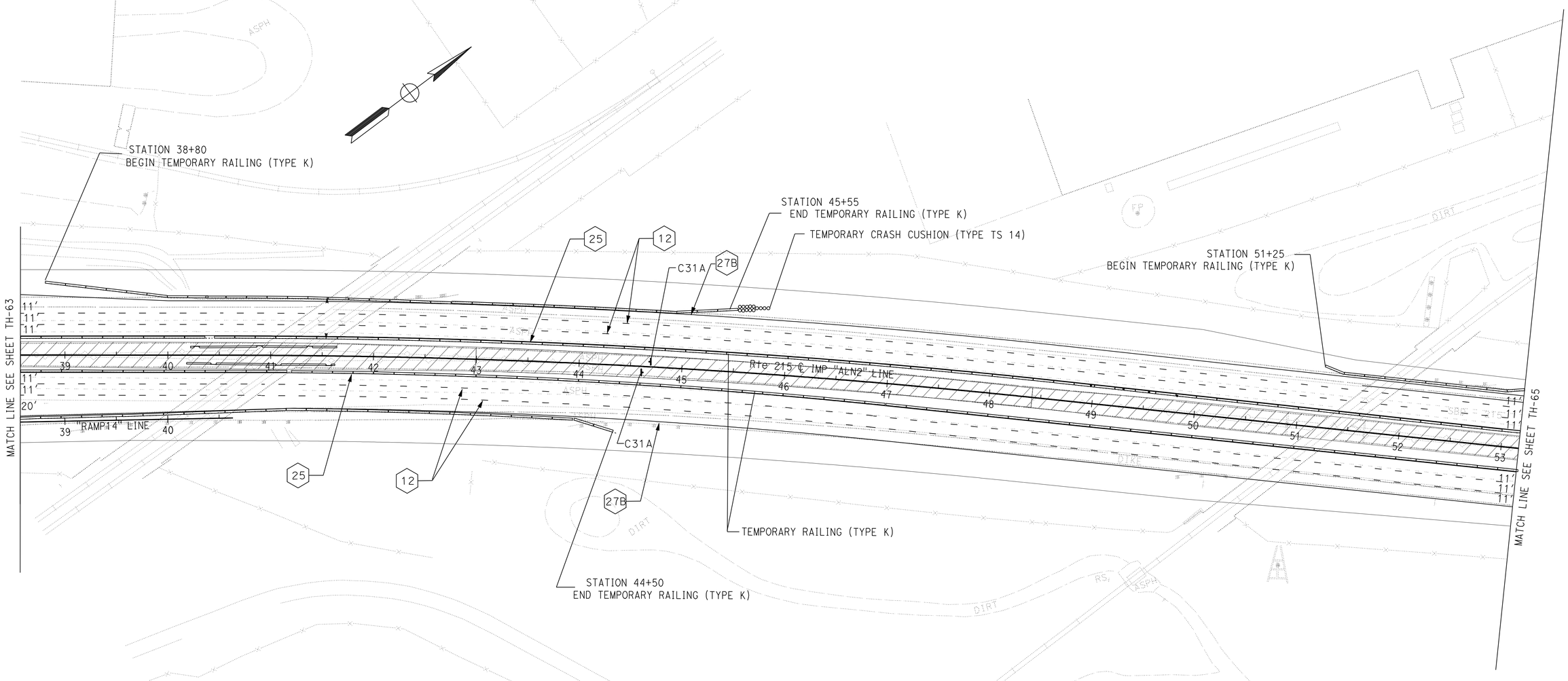
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	502	1743

Tran Hoang 1-2-12
REGISTERED CIVIL ENGINEER DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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



TRAFFIC HANDLING PLAN
STAGE 3
NO SCALE

TH-64

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:43

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	503	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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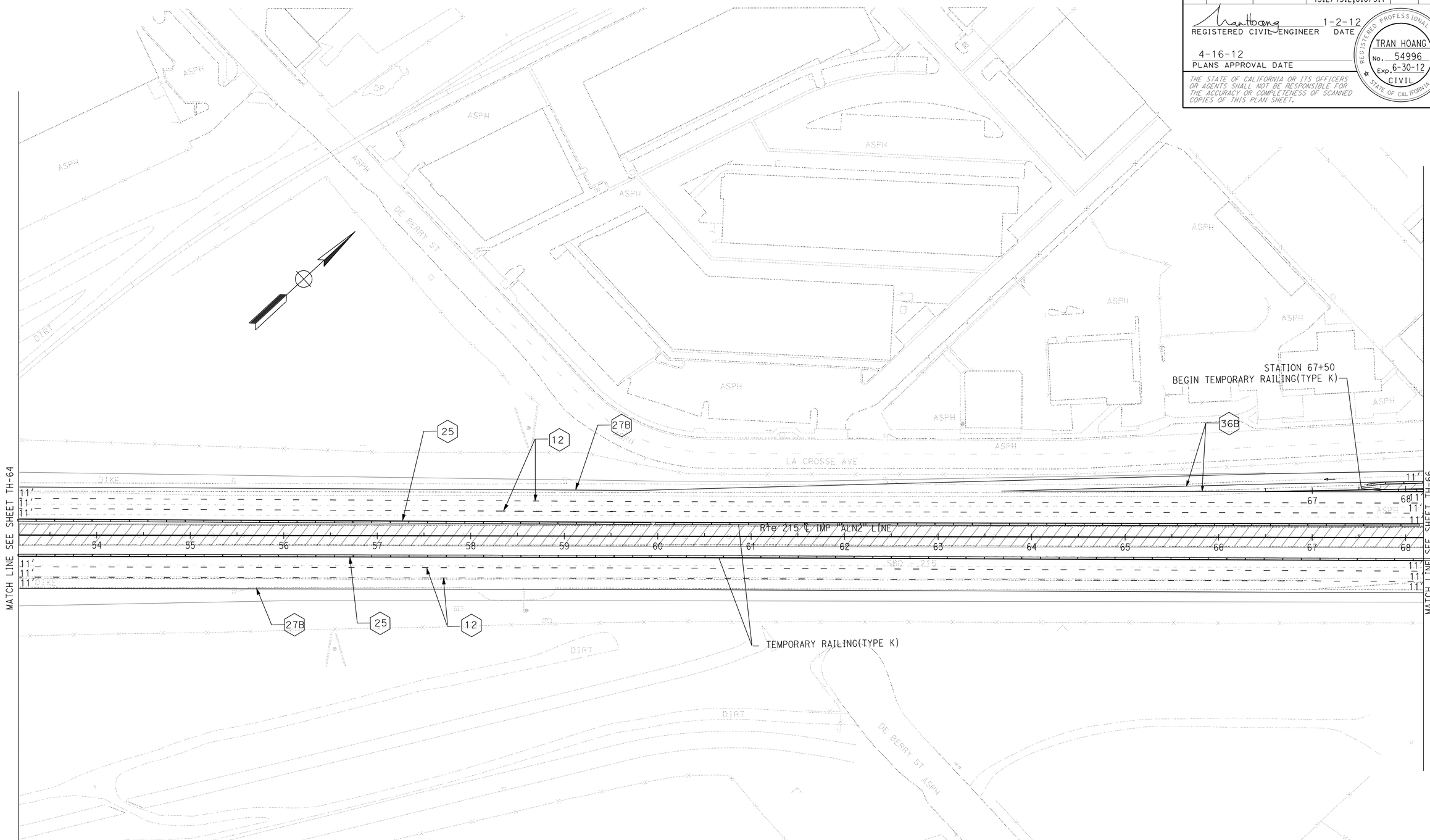

TRAFFIC HANDLING PLAN
STAGE 3
NO SCALE

TH-65

APPROVED FOR TRAFFIC HANDLING WORK ONLY

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:43

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	504	1743

Tran Hoang 1-2-12
REGISTERED CIVIL ENGINEER DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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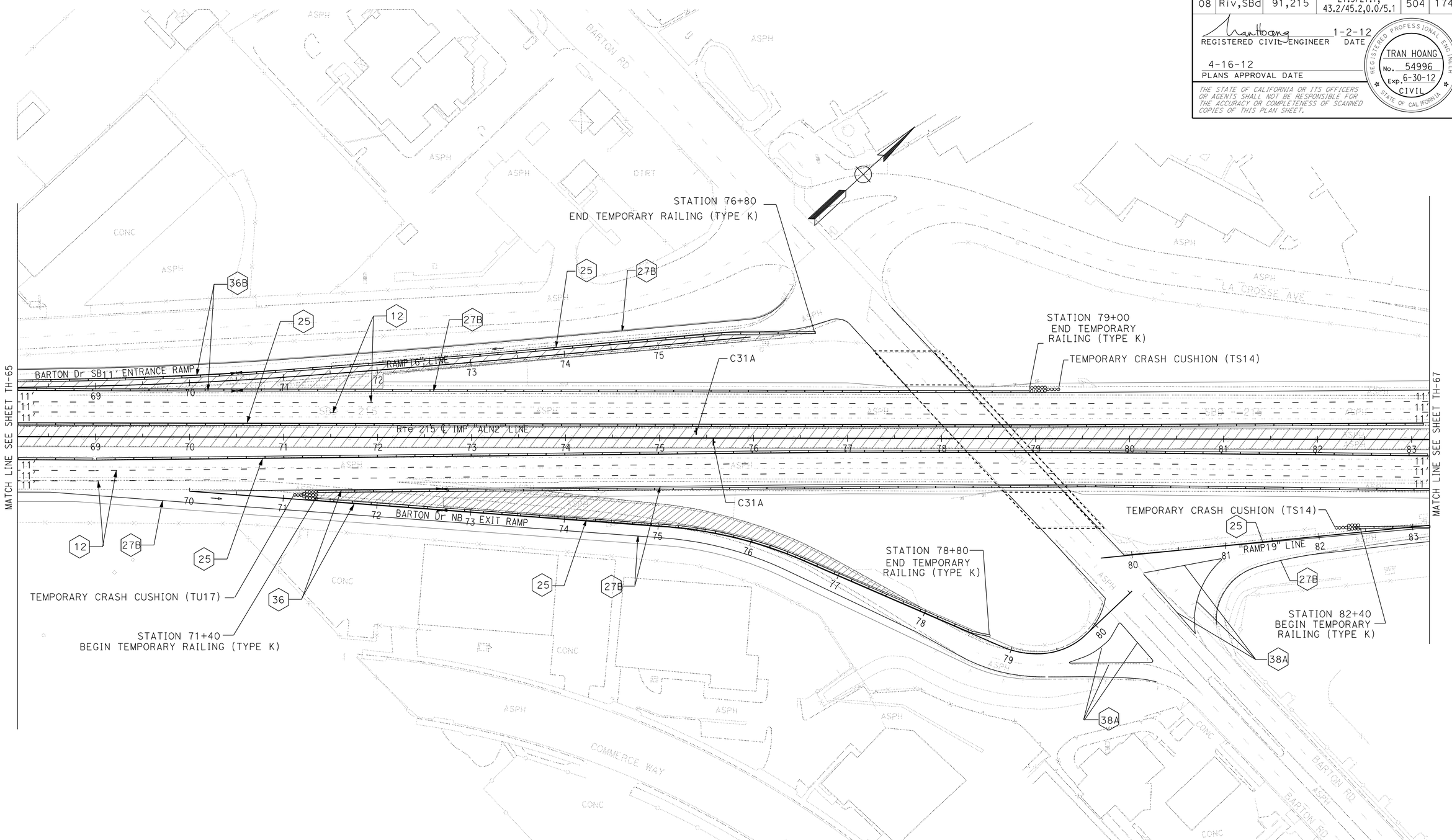

TRAFFIC HANDLING PLAN
STAGE 3
NO SCALE

TH-66

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:43

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	505	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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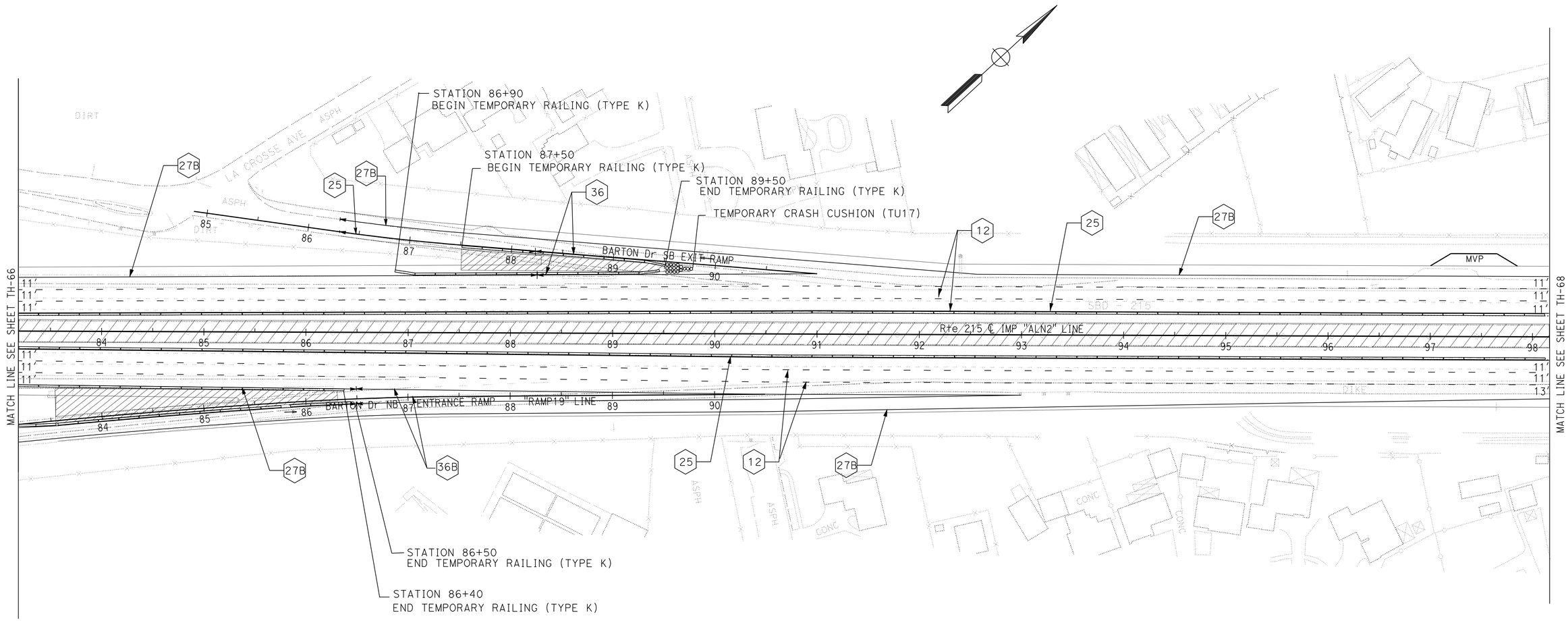

TRAFFIC HANDLING PLAN
STAGE 3

NO SCALE

TH-67

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA

REVISED BY
DATE REVISED

LAST REVISION: DATE PLOTTED => 17-APR-2012
01-02-12 TIME PLOTTED => 18:43

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	506	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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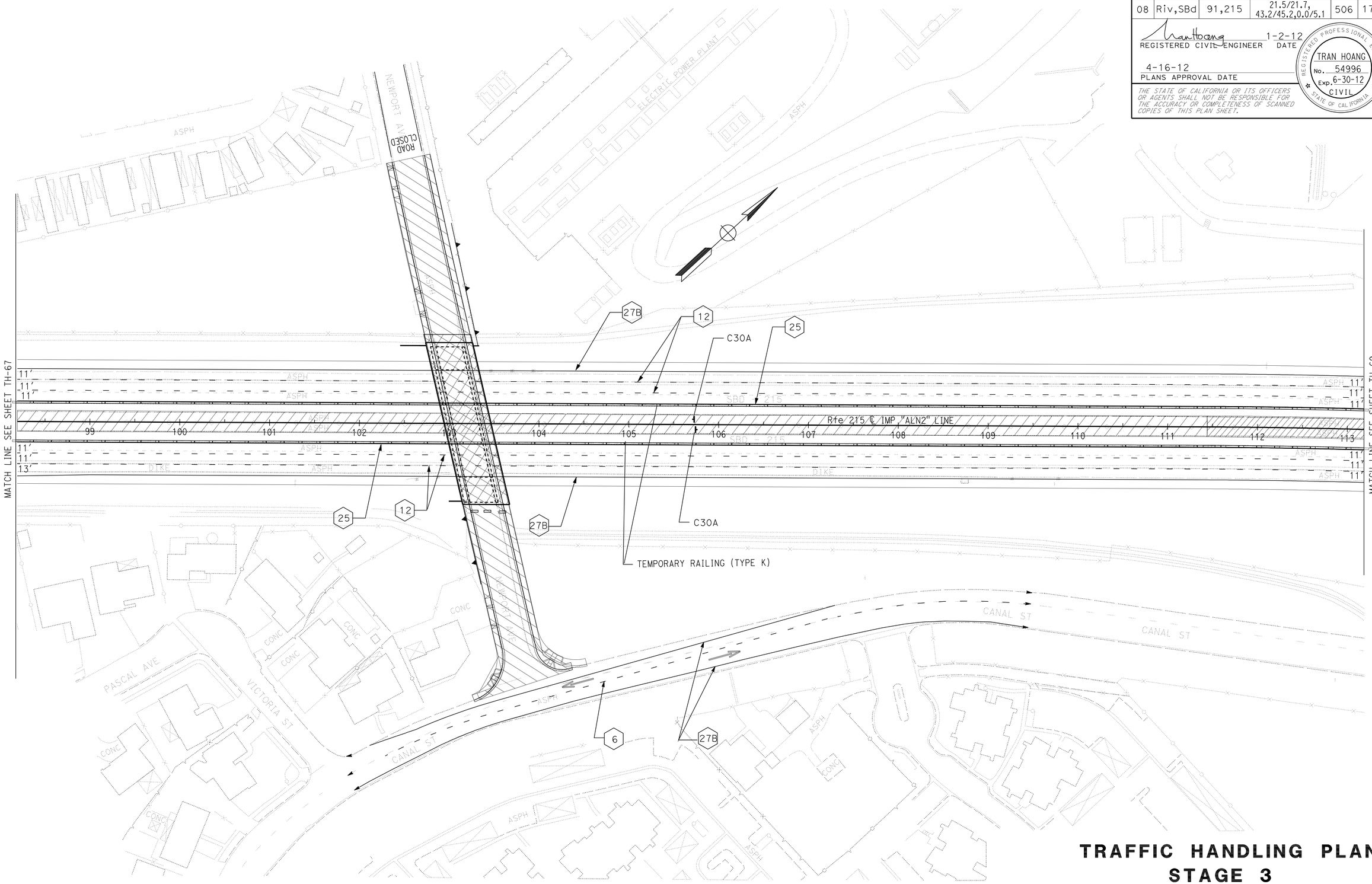

TRAFFIC HANDLING PLAN
STAGE 3
NO SCALE

TH-68

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 04-MAY-2012
TIME PLOTTED => 05:47

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	507	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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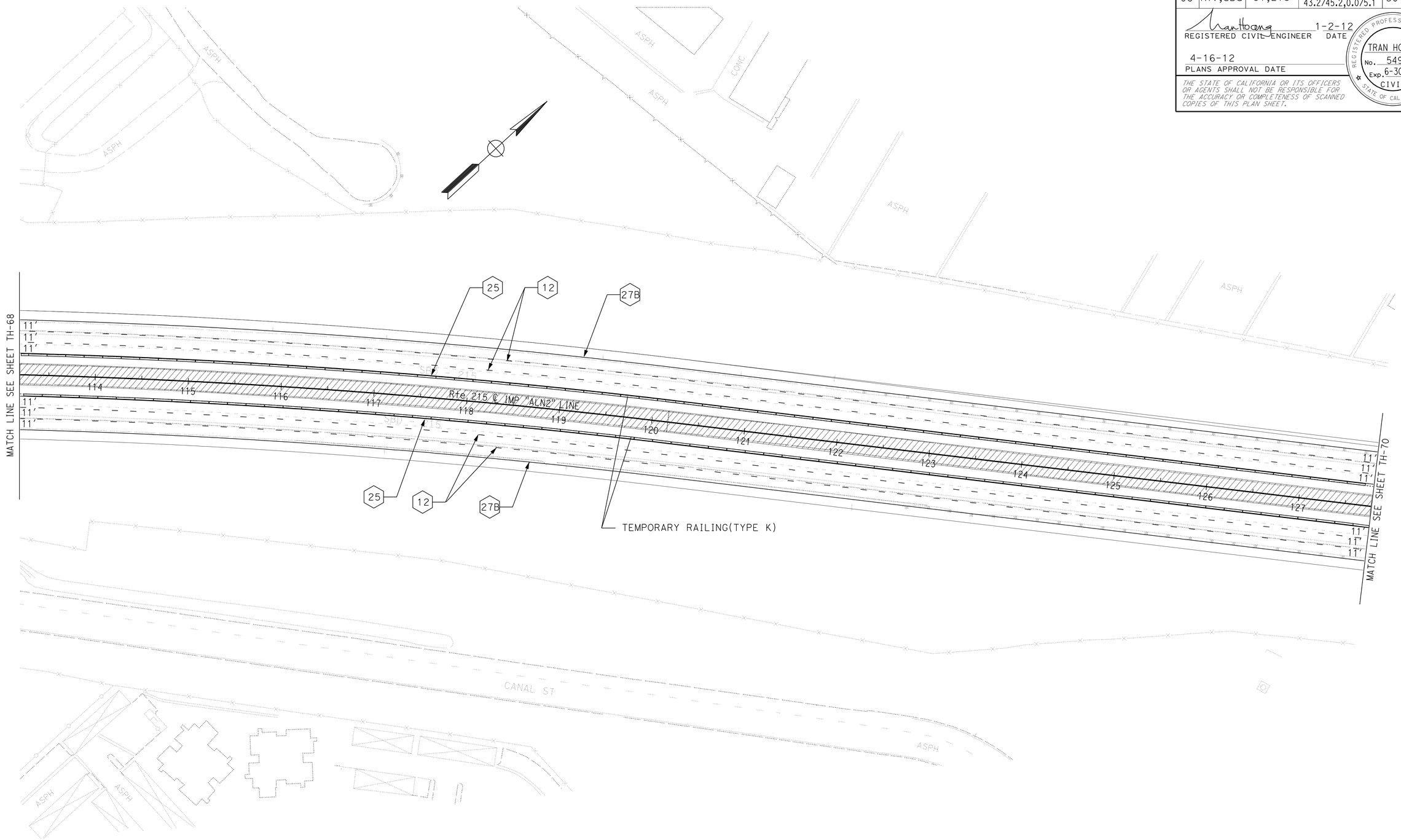

TRAFFIC HANDLING PLAN
STAGE 3
NO SCALE

TH-69

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:43

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	508	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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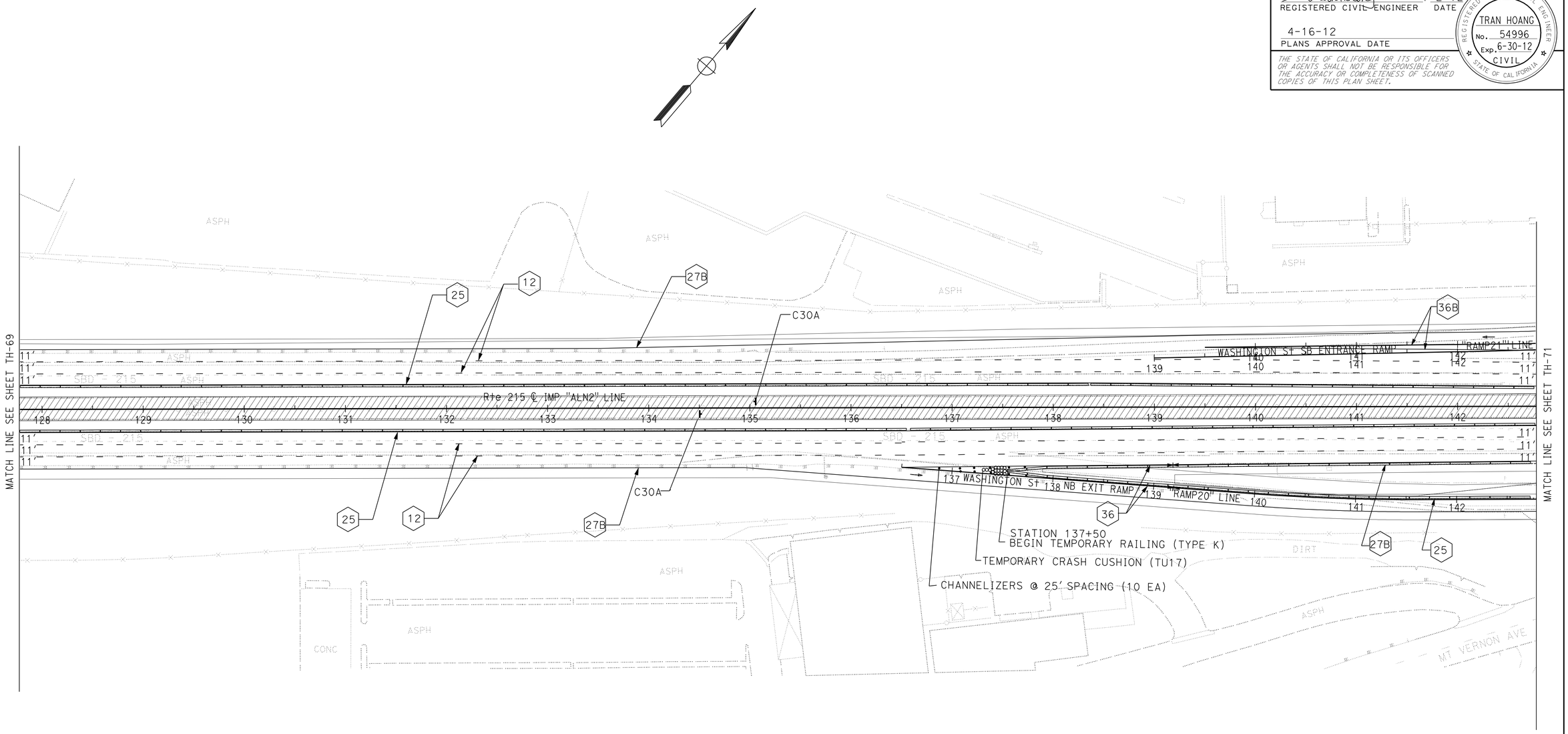

TRAFFIC HANDLING PLAN
STAGE 3
NO SCALE

TH-70

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:43

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	509	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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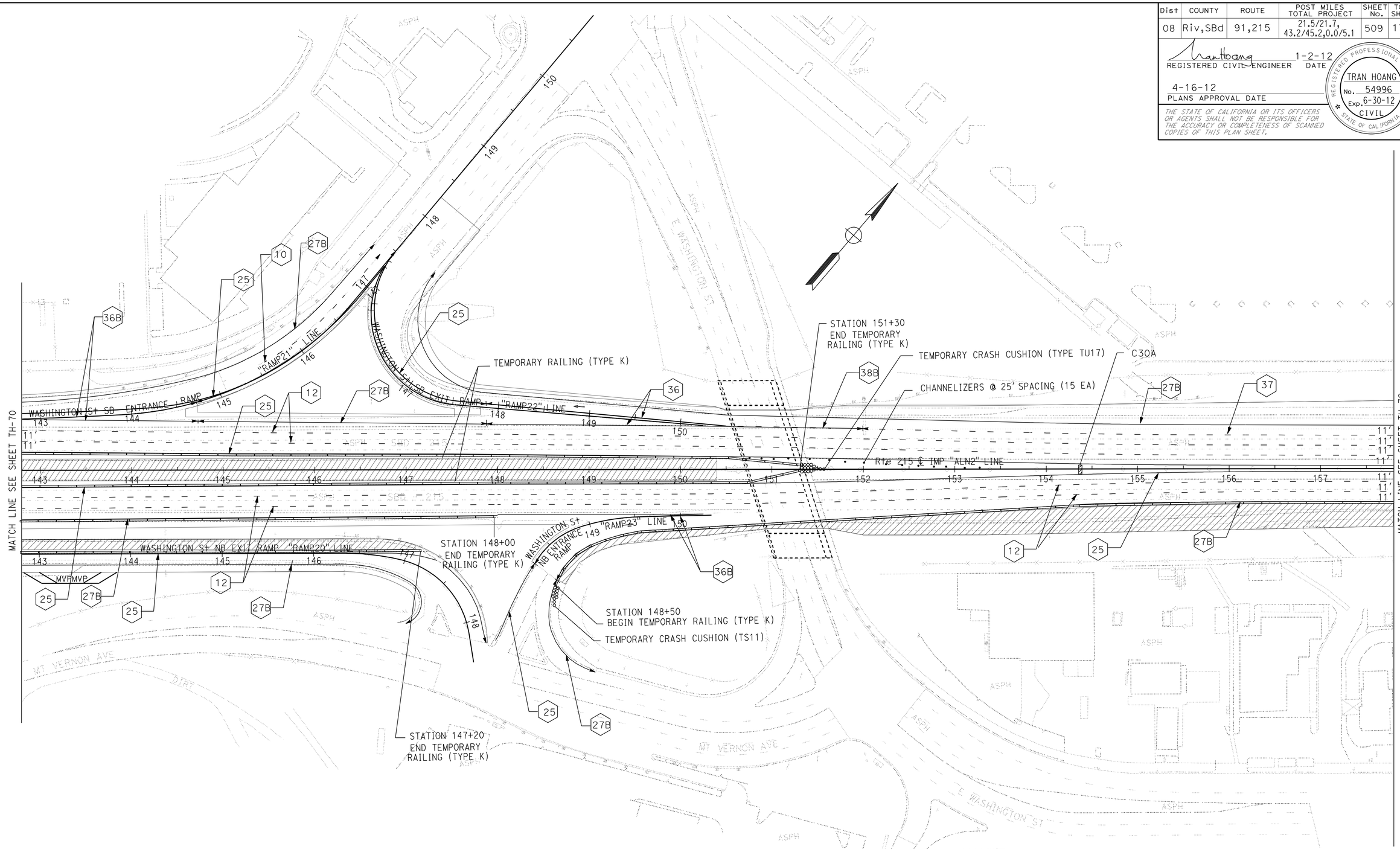

TRAFFIC HANDLING PLAN
STAGE 3
NO SCALE

TH-71

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: HORMUZD SETHNA
CHECKED BY: TRAN HOANG
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:43

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	510	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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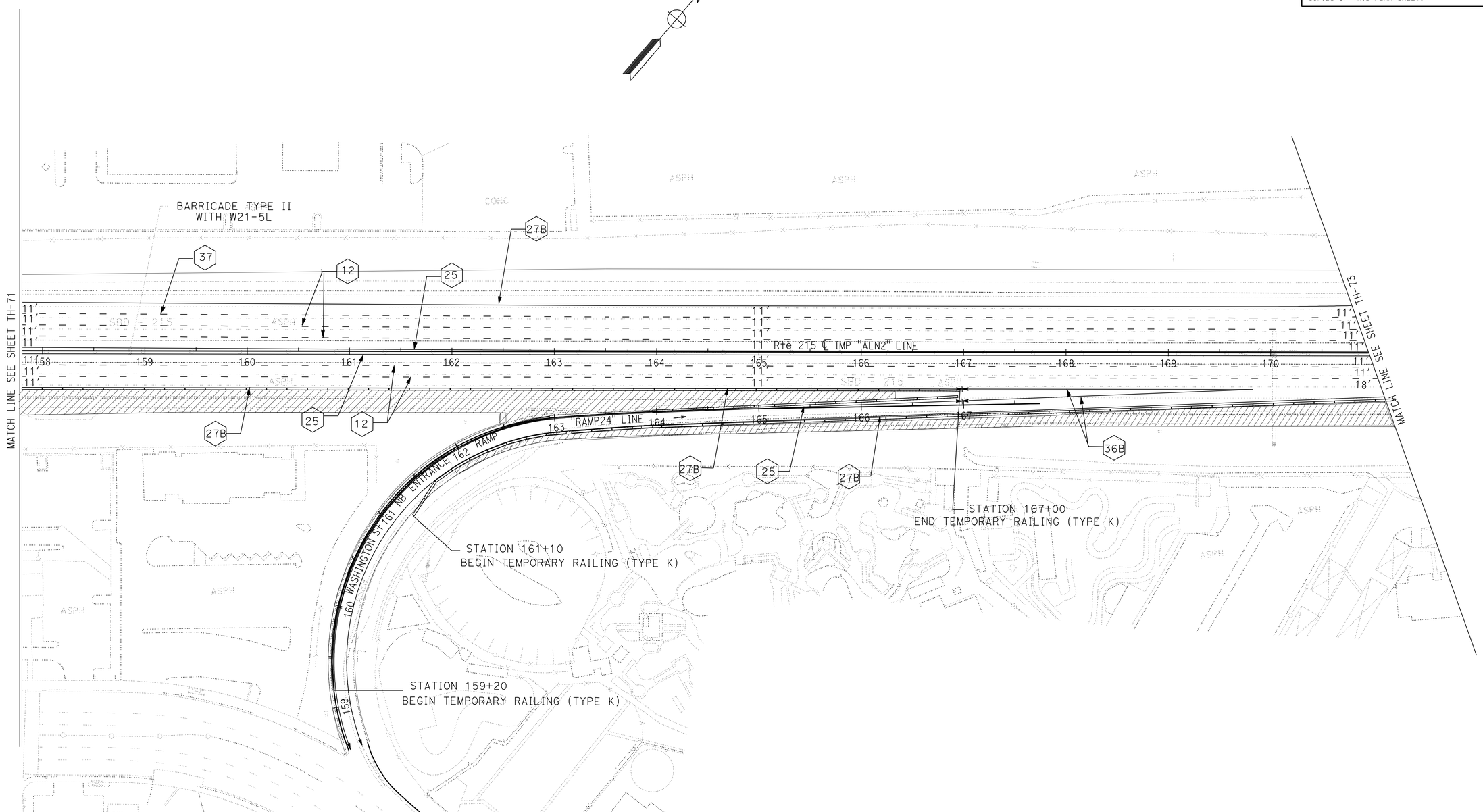

TRAFFIC HANDLING PLAN
STAGE 3
NO SCALE

TH-72

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:43

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	511	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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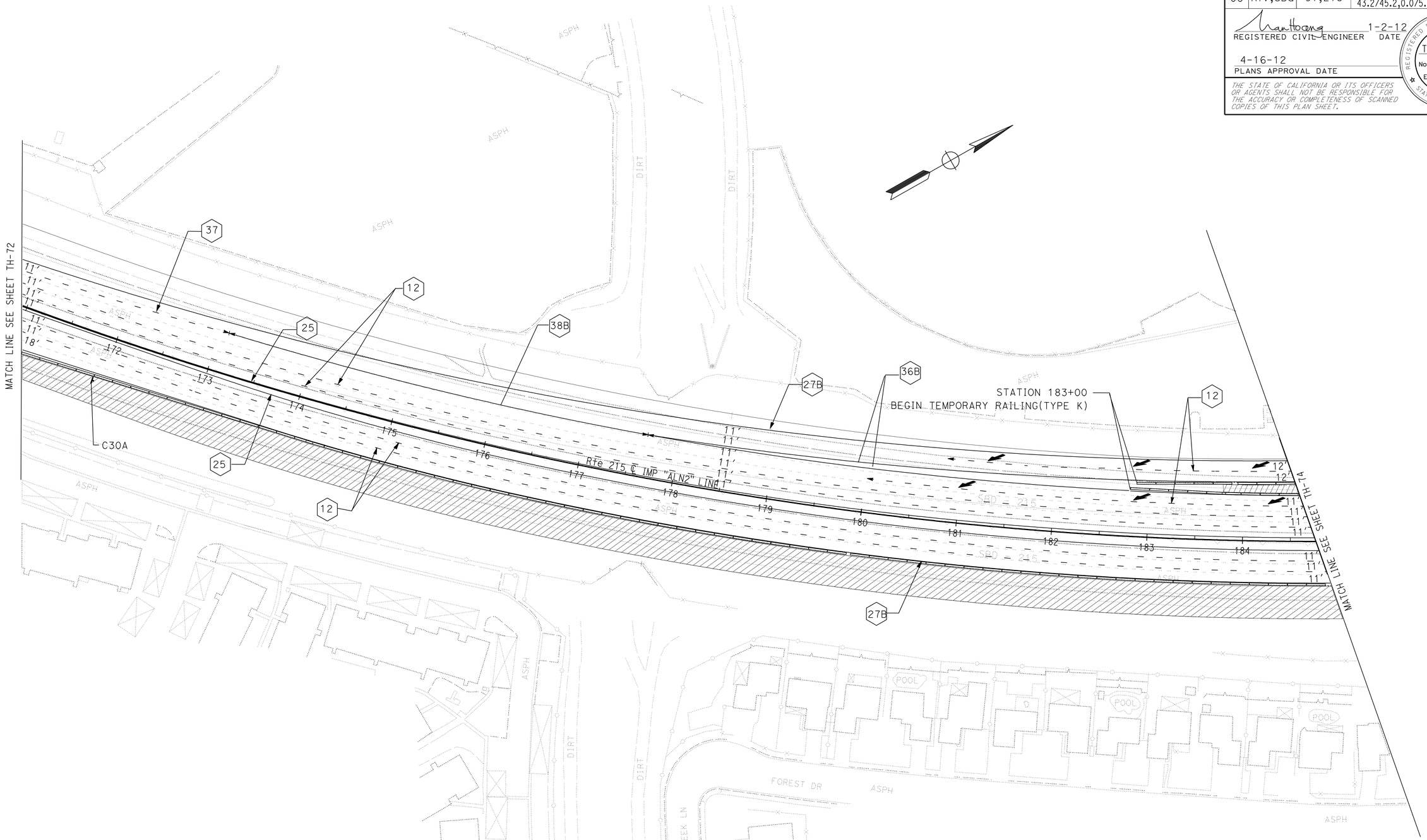

TRAFFIC HANDLING PLAN
STAGE 3
NO SCALE

TH-73

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:43

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	512	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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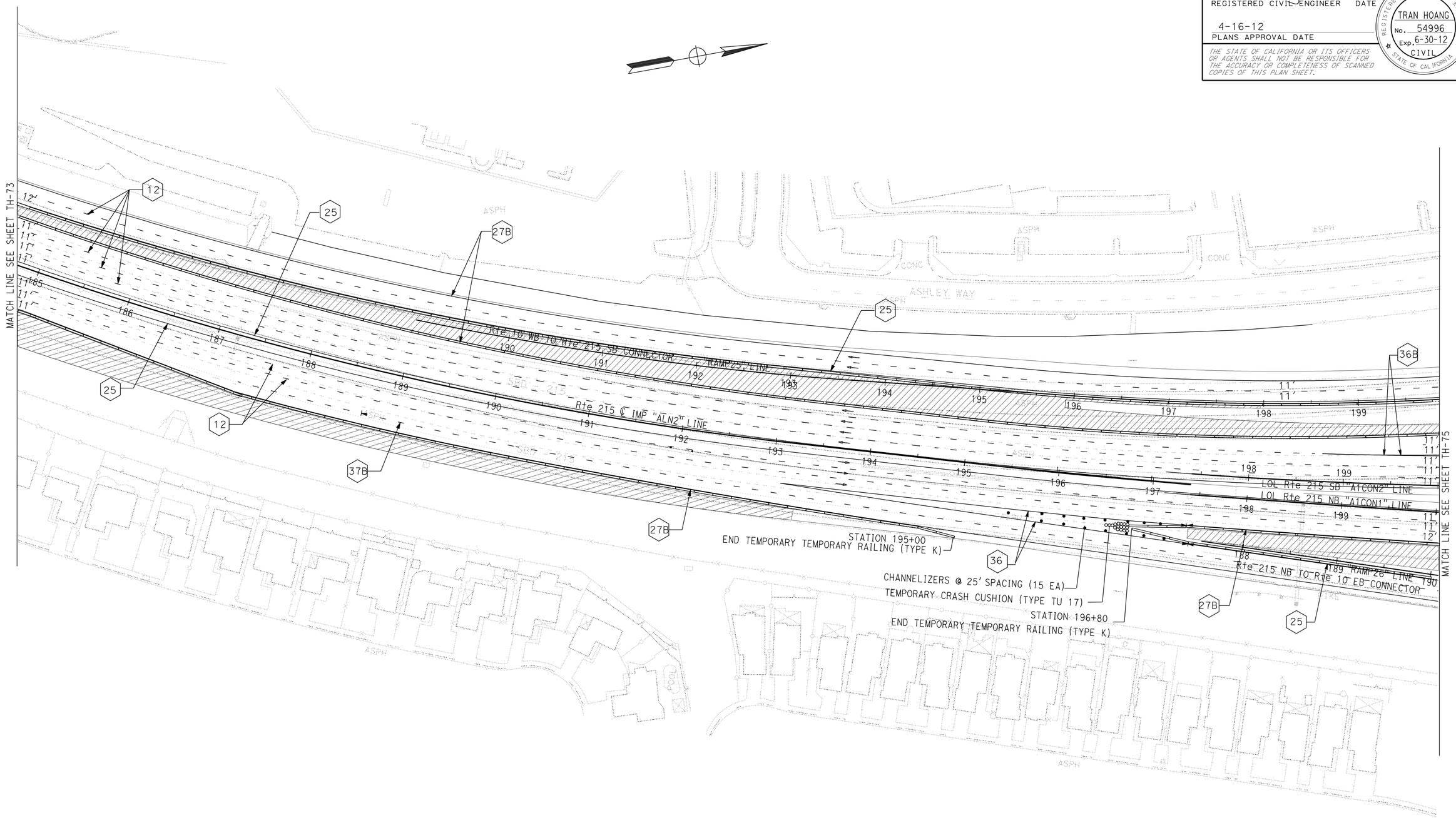

TRAFFIC HANDLING PLAN
STAGE 3
NO SCALE

TH-74

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA

REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:43

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	513	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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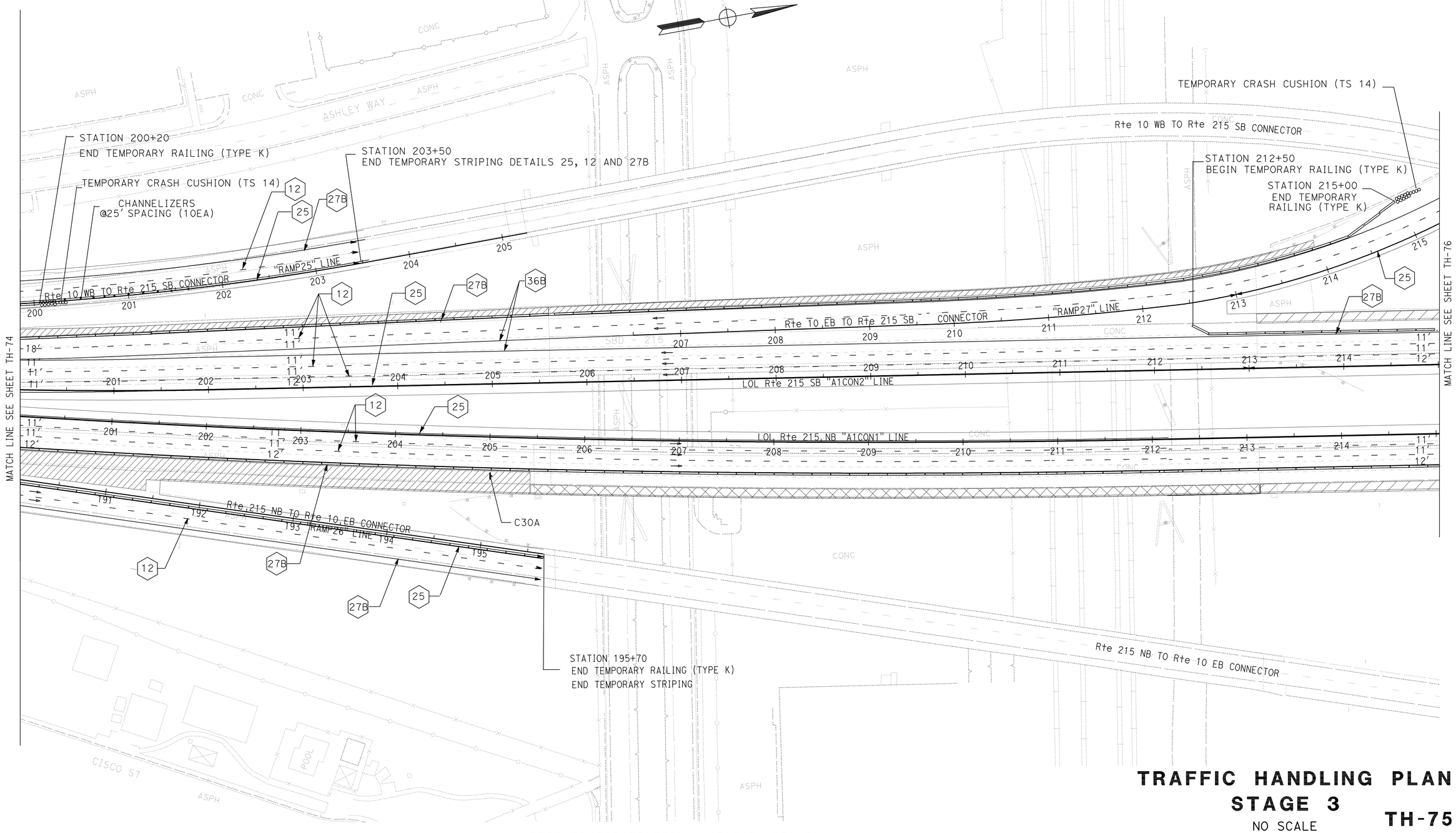

TRAFFIC HANDLING PLAN
STAGE 3
NO SCALE

TH-75

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:43

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	514	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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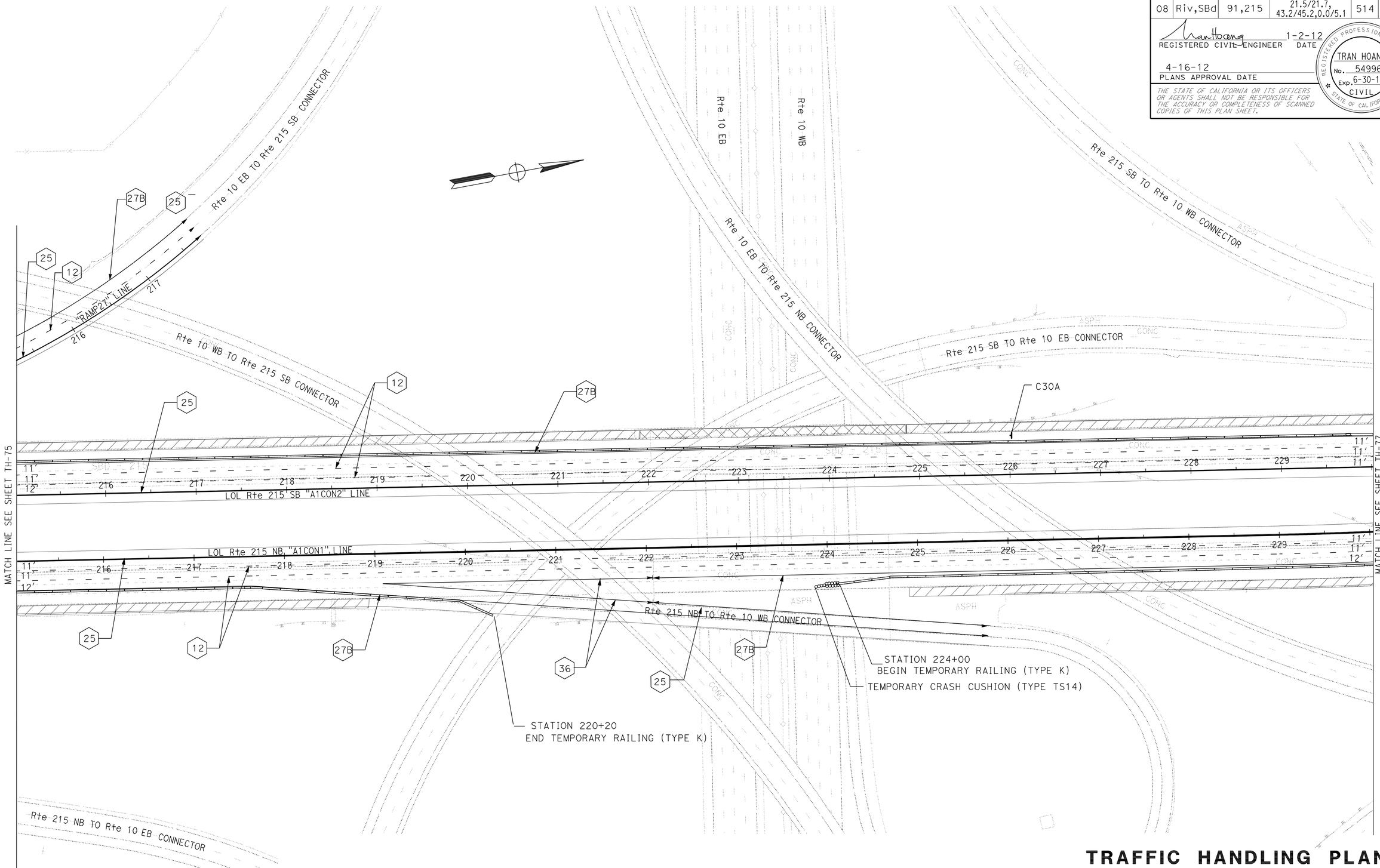

TRAFFIC HANDLING PLAN
STAGE 3
NO SCALE

TH-76

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:43

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	515	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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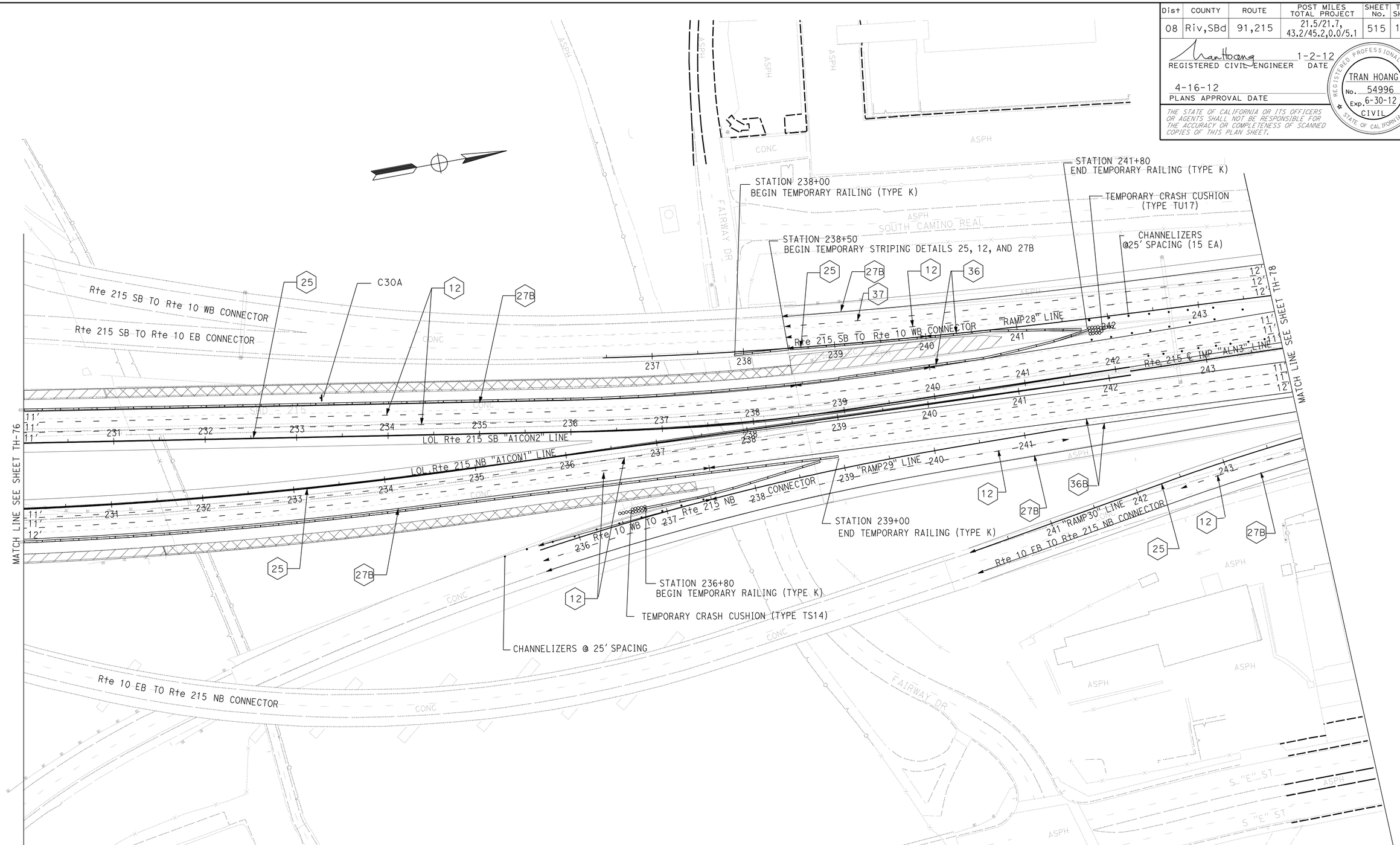

TRAFFIC HANDLING PLAN
STAGE 3
NO SCALE

TH-77

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: HORMUZD SETHNA
CHECKED BY

REVISED BY: TRAN HOANG
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:43

BORDER LAST REVISED 7/2/2010
USERNAME => s114640
DGN FILE => 80m94umd077.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 2285
PROJECT NUMBER & PHASE 08000005061

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	516	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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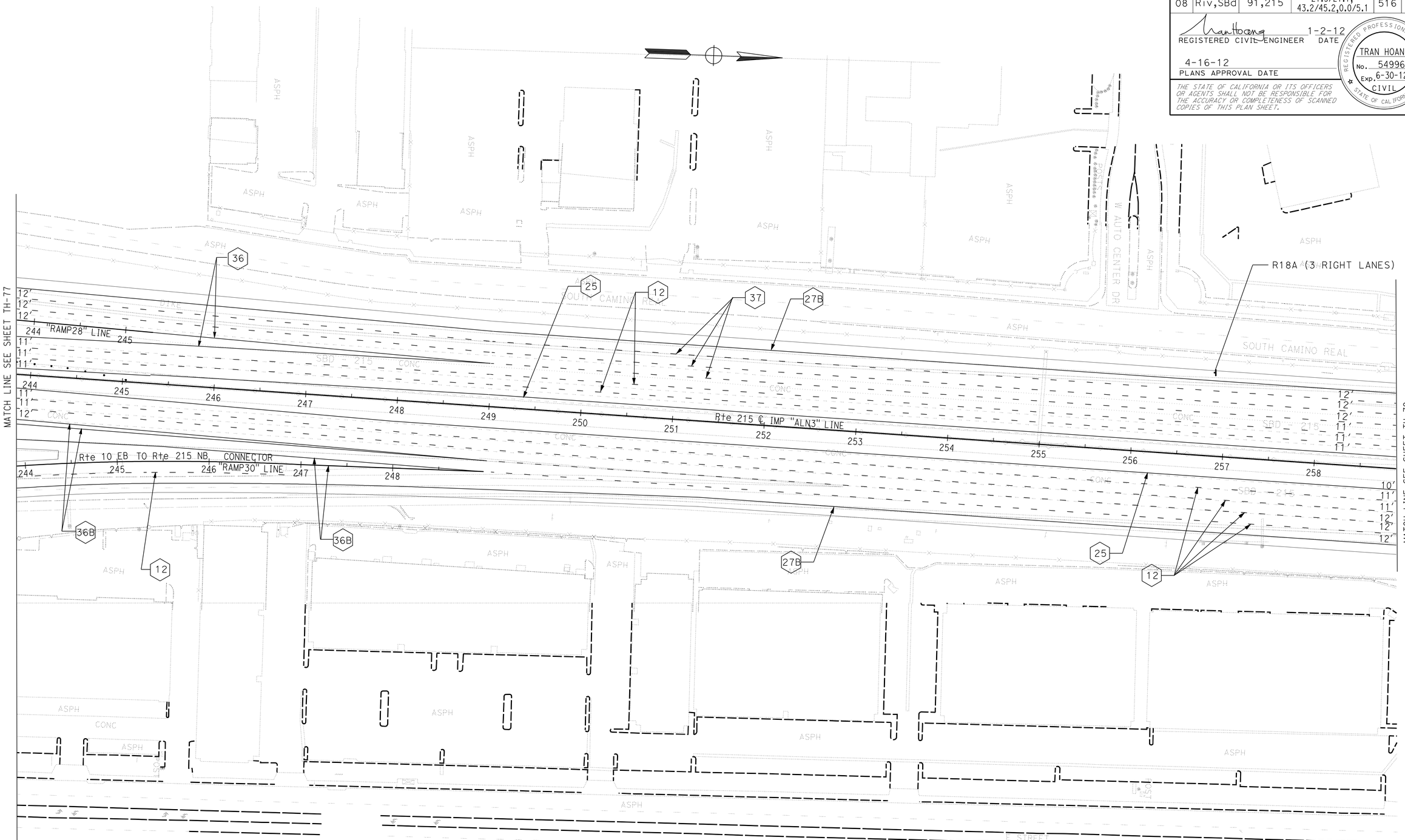

TRAFFIC HANDLING PLAN
STAGE 3
NO SCALE

TH-78

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:43

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	517	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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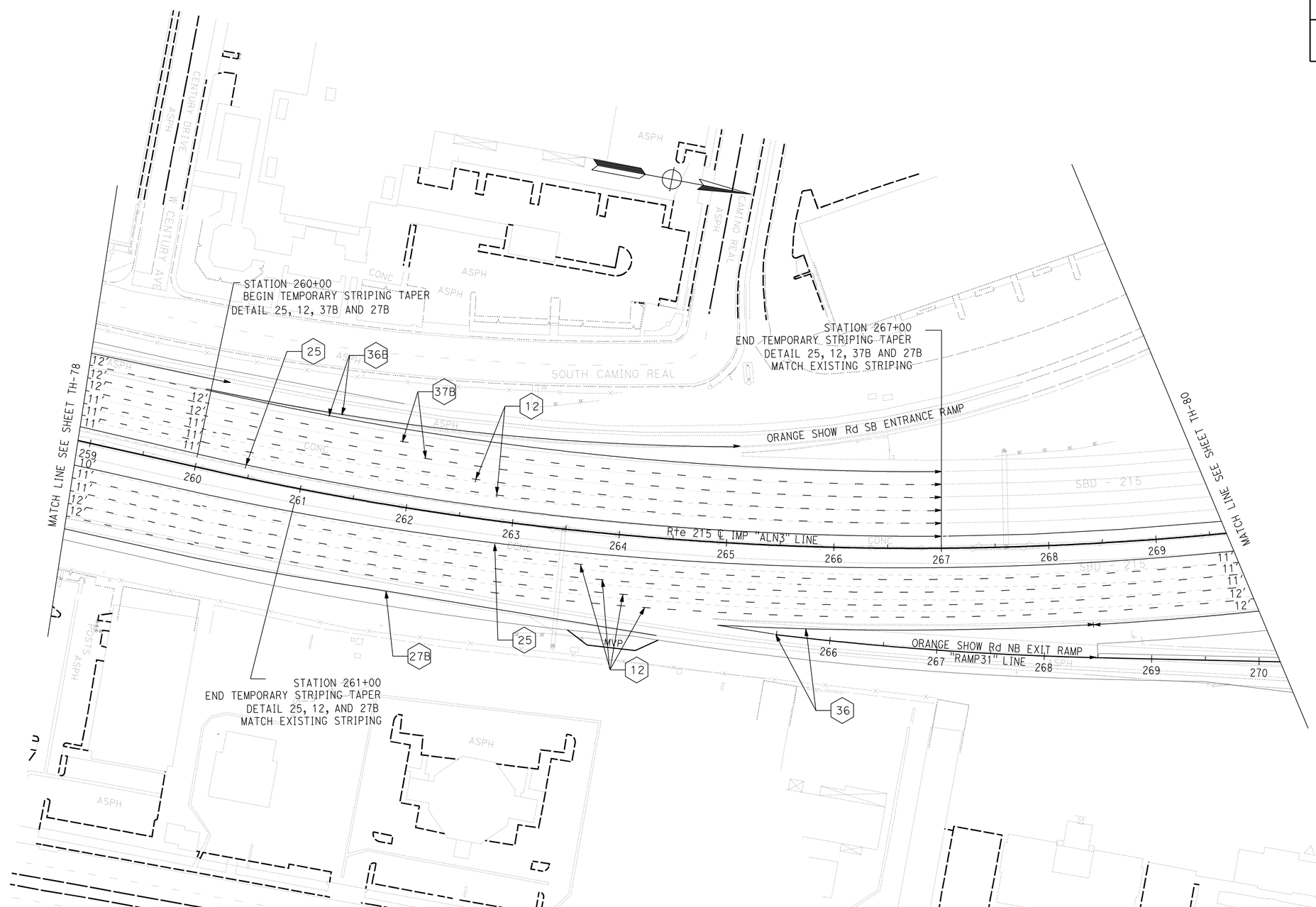


TRAFFIC HANDLING PLAN
STAGE 3
NO SCALE

TH-79

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:43

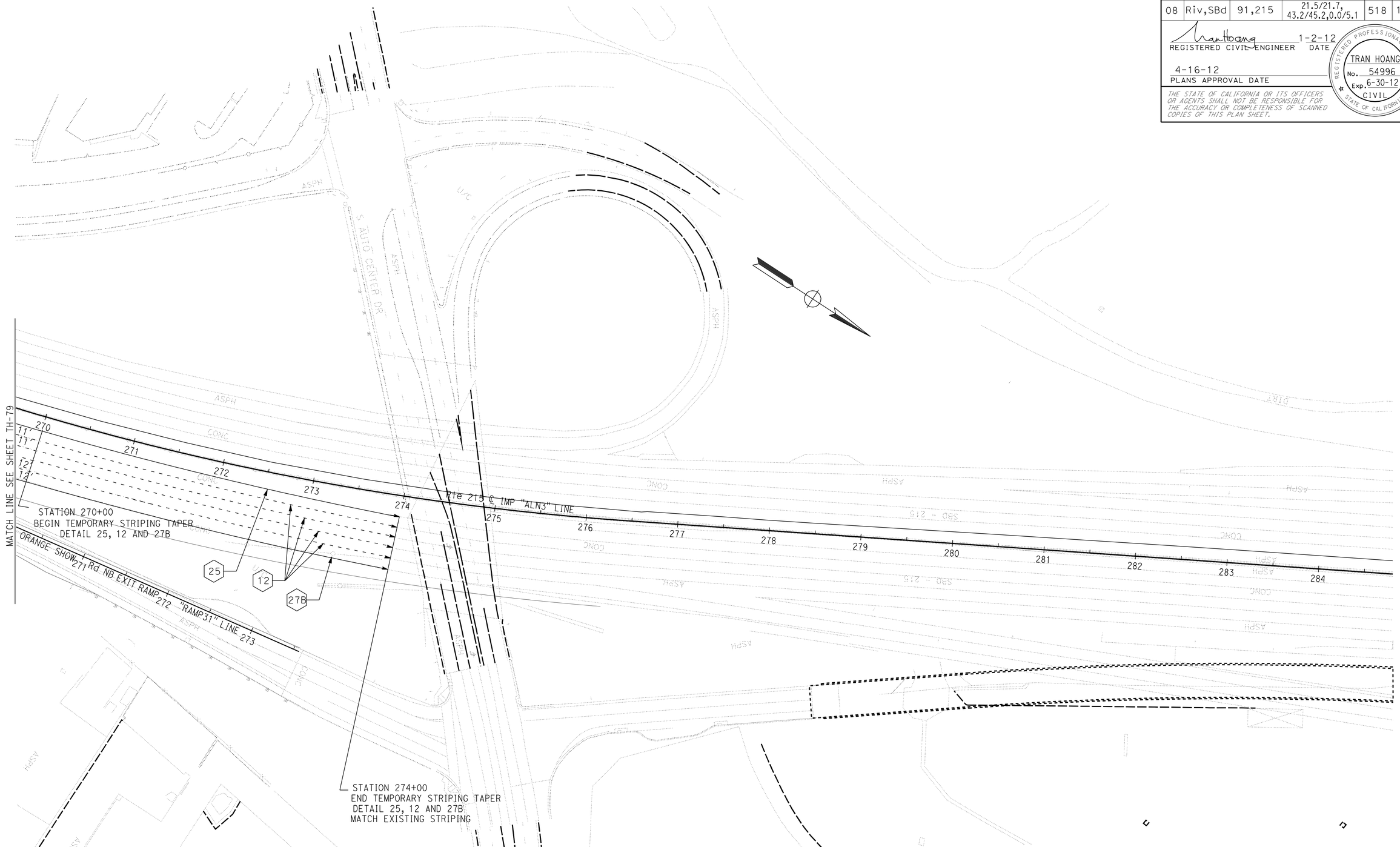
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	518	1743

Tran Hoang 1-2-12
REGISTERED CIVIL ENGINEER DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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



TRAFFIC HANDLING PLAN
STAGE 3
NO SCALE

TH-80

APPROVED FOR TRAFFIC HANDLING WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:45

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	519	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

TEMPORARY TRAFFIC STRIPE, PAVEMENT MARKINGS AND PAVEMENT MARKERS (STAGE 1)

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE PAINTED TRAFFIC STRIPE			TEMPORARY PAVEMENT MARKER									PAINT TRAFFIC STRIPE (2-COAT)				THERMOPLASTIC PAVEMENT MARKING
									NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	YELLOW	WHITE															
						4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
TH-2	STATION 460+00 TO STATION 467+60 NB	25	17			760									17		-	760				
	STATION 460+00 TO STATION 467+60 NB (X2)	12	34				1520							34					1520			
	STATION 460+00 TO STATION 463+50 NB	37	25					700			8			17							350	
	STATION 463+50 TO STATION 464+80 NB	36	13					520						13							260	
	STATION 464+80 TO STATION 467+60 NB	27B					280												280			
	STATION 460+00 TO STATION 464+00 NB	12	9				400							9					400			
	STATION 466+20 TO STATION 467+50 NB	25A	6			130									6			130				
	STATION 463+30 TO STATION 467+60 SB	25	10			430									10			430				
	STATION 463+30 TO STATION 467+60 SB (X3)	12	30				1290							30					1290			
	STATION 463+30 TO STATION 467+60 SB	27B					430												430			
TH-3	STATION 467+60 TO STATION 477+30 NB	25	21			970									21			970				
	STATION 467+60 TO STATION 477+30 NB (X2)	12	42				1940							42					1940			
	STATION 471+60 TO STATION 477+30 NB	37	31					1140						31							570	
	STATION 469+00 TO STATION 471+60 NB	36B	12				260	520						12					260		260	
	STATION 467+60 TO STATION 477+30 NB	27B																	970			
	STATION 467+60 TO STATION 477+30 SB	25	21			970									21			970				
	STATION 467+60 TO STATION 477+30 SB (X3)	12	63				2810							63					2810			
	STATION 467+60 TO STATION 477+30 SB	27B																	970			
TH-4	STATION 477+30 TO STATION 492+30 NB	25	32			1500									32			1500				
	STATION 477+30 TO STATION 492+30 NB (X2)	12	64				3000							64					3000			
	STATION 477+30 TO STATION 490+90 NB	37	92					1104			8			84							1360	
	STATION 490+90 TO STATION 492+30 NB	36	14					560						14							280	
	STATION 477+30 TO STATION 492+30 NB	27B																	1500			
	STATION 477+30 TO STATION 492+30 SB	25	32			1500									32			1500				
	STATION 477+30 TO STATION 492+30 SB (X2)	12	64				3000							64					3000			
	STATION 477+30 TO STATION 487+20 SB	12	22				990							22					990			
	STATION 477+30 TO STATION 485+00 SB	27B					770												770			
	STATION 485+00 TO STATION 488+00 SB	36	27					600						27							300	
	STATION 489+00 TO STATION 492+30 SB	37	23					276			8			15							330	
	STATION 487+00 TO STATION 489+00 SB	38	5					200						5							100	
	STATION 483+00 TO STATION 487+00 SB	12	10				400							10					400			
	STATION 483+00 TO STATION 492+30 SB	27B					930												930			
	STATION 486+30 TO STATION 492+30 SB	27B					600												600			
	STATION 486+30 TO STATION 492+30 SB	6	14			600								14				600				
TH-5	STATION 492+30 TO STATION 507+30 NB	25	32			1500									32			1500				
	STATION 492+30 TO STATION 507+30 NB (X2)	12	64				3000							64					3000			
	STATION 492+30 TO STATION 507+30 NB	27B					1500												1500			
	STATION 498+00 TO STATION 507+30 NB	27B					930												930			
	STATION 501+00 TO STATION 502+00 NB	8					38												100			
	STATION 492+30 TO STATION 499+00 NB	25	15			670									15			670				
	STATION 492+30 TO STATION 499+00 NB	27B					670												670			
	STATION 497+00 TO STATION 498+00 NB	12	3				100							3					100			
	STATION 498+00 TO STATION 501+00 NB	36A	14					600						14							300	
	STATION 499+00 TO STATION 507+30 NB	6	18			216								18				830				
	STATION 492+30 TO STATION 507+30 SB	25	32			1500									32				1500			
	STATION 492+30 TO STATION 507+30 SB (X2)	12	64				3000							64				3000				
	STATION 492+30 TO STATION 493+00 SB	37	10					24			8			2							70	
	STATION 493+00 TO STATION 499+50 SB	36B	28				650	1300						28					650		650	
	STATION 493+00 TO STATION 499+50 SB (X3)	27B					1950												1950			
	STATION 493+00 TO STATION 499+50 SB	6	14			650								14				650				
	STATION 499+50 TO STATION 506+00 SB	27B					650												650			
	STATION 506+00 TO STATION 507+30 SB	36	13					520						13							260	
	STATION 500+00 TO STATION 507+30 SB (X3)	27B					2190												2190			
	STATION 500+00 TO STATION 507+30 SB	22	33				1460							33					730			
SUBTOTAL			1073			11396	34758	8064			32			823	218			13510	36030		5090	
TOTAL SHEET 1			1073			54218				1073								54630				

TRAFFIC HANDLING QUANTITIES THQ-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY / DATE REVISED

LAST REVISION 02-27-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:28

TEMPORARY TRAFFIC STRIPES, PAVEMENT MARKINGS AND MARKERS (STAGE 1)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	520	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE PAINTED TRAFFIC STRIPE			TEMPORARY PAVEMENT MARKER									PAINT TRAFFIC STRIPE (2-COAT)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
TH-6	STATION 507+30 TO STATION 522+30 NB	25	32			1500									32			1500				
	STATION 507+30 TO STATION 522+30 NB (x2)	12	64				3000							64					3000			
	STATION 507+30 TO STATION 522+30 NB	27B					1500												1500			
	STATION 507+30 TO STATION 522+30 SB	25	32			1500									32			1500				
	STATION 507+30 TO STATION 522+30 SB (x2)	12	64				3000							64					3000			
	STATION 507+30 TO STATION 515+50 NB	27B					820												820			
	STATION 507+30 TO STATION 515+50 NB	22	36			1640								36				820				
	STATION 517+00 TO STATION 522+30 NB	22	24			1060								24				530				
	STATION 507+30 TO STATION 522+30 NB	22	52			2400								52				1200				
TH-7	STATION 522+30 TO STATION 534+30 NB	25	26			1200								26				1200				
	STATION 522+30 TO STATION 534+30 NB (X2)	12	52				2400							52					2400			
	STATION 522+30 TO STATION 534+30 NB	27B					1200												1200			
	STATION 522+30 TO STATION 534+30 NB	22	52			1200								52				1200				
	STATION 522+30 TO STATION 534+30 SB	25	26			1200									26			1200				
	STATION 522+30 TO STATION 534+30 SB (X2)	12	52				2400							52					2400			
	STATION 522+30 TO STATION 534+30 SB	27B					1200												1200			
	STATION 522+30 TO STATION 534+30 SB	22	52			2400								52				1200				
TH-8	STATION 534+30 TO STATION 545+00 NB	25	24			1070									24			1070				
	STATION 534+30 TO STATION 545+00 NB (X2)	12	48				2140							48					2140			
	STATION 534+30 TO STATION 545+00 NB	27B					1070												1070			
	STATION 534+30 TO STATION 545+00 NB	22	48				2200							48				1100				
	STATION 544+00 TO STATION 545+00 NB	36	11					200						11							100	
	STATION 534+30 TO STATION 545+00 SB	25	24			1070								24				1070				
	STATION 534+30 TO STATION 545+00 SB (X2)	12	48				2140							48					2140			
	STATION 534+30 TO STATION 545+00 SB	27B					1070												1070			
	STATION 534+30 TO STATION 545+00 SB	22	46			2120								46				1060				
TH-9	STATION 545+00 TO STATION 560+00 NB	25	32			1500									32			1500				
	STATION 545+00 TO STATION 560+00 NB (X2)	12	64				3000							64					3000			
	STATION 548+00 TO STATION 560+00 NB	27B					1200												1200			
	STATION 545+00 TO STATION 548+00 NB	36	27					1200						27							600	
	STATION 548+00 TO STATION 552+50 NB	25	10			450								10				450				
	STATION 545+00 TO STATION 552+50 NB	27B					750												750			
	STATION 545+00 TO STATION 552+50 NB	24	17			750								17				750				
	STATION 545+00 TO STATION 552+50 NB	27B					750												750			
	HIGHGROVE PL STATION 553+00 TO 558+00	22	24			1000								24				500				
	HIGHGROVE PL STATION 553+00 TO 558+00 (X2)	27B					1000												1000			
	HIGHGROVE PL STATION 553+00 TO 558+00 (X2)	STOP			96																	44
	HIGHGROVE PL STATION 553+00 TO 558+00 (X2)	TYPE IV ARROW			96																	30
	VILLA ST STATION 546+00 TO 550+00	22	20				800							20					400			
	STATION 545+00 TO STATION 560+00 SB	25	32			1500									32			1500				
	STATION 545+00 TO STATION 560+00 SB (X2)	12	64				3000							64					3000			
	STATION 546+50 TO STATION 549+80 SB	36	34					1520						34							760	
	STATION 545+00 TO STATION 546+50	8					58												150			
	STATION 549+80 TO STATION 551+30	25	4			150									4			150				
	STATION 545+00 TO STATION 551+00 SB (X3)	27B					4800												4800			
	STATION 549+80 TO STATION 555+00 SB	27B					520												520			
	STATION 555+00 TO STATION 558+00 SB	36	27					1200						27							600	
	STATION 551+00 TO STATION 555+00 SB	25	10			400									10			400				
	STATION 551+00 TO STATION 560+00 SB	27B					900												900			
	STATION 551+00 TO STATION 560+00 SB	22	40			1800								40				900				
	STATION 545+00 TO STATION 550+50 SB	22	26			1100									26			550				
TH-10	STATION 560+00 TO STATION 570+30 NB	25	22			1030									22			1030				
	STATION 560+00 TO STATION 570+30 NB (X2)	12	44				2060							44					1030			
SUBTOTAL			1310		192	28040	42978	4120						1070	240			22380	39440		2060	74
TOTAL SHEET 2			1310		192		75138					1310							63880			74

TRAFFIC HANDLING QUANTITIES

THQ-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY / DATE REVISED

LAST REVISION 02-27-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:28

TEMPORARY TRAFFIC STRIPES, PAVEMENT MARKINGS AND MARKERS (STAGE 1)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	521	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE PAINTED TRAFFIC STRIPE			TEMPORARY PAVEMENT MARKER									PAINT TRAFFIC STRIPE (2-COATS)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
TH-10	STATION 560+00 TO STATION 570+30 NB	27B					1030												1030			
	STATION 560+00 TO STATION 570+30 SB	25	23			1030									23			1030				
	STATION 560+00 TO STATION 570+30 SB (X2)	12	44				515							44					2060			
	STATION 560+00 TO STATION 570+30 SB	27B					1030												1030			
	STATION 560+00 TO STATION 570+30 SB	22	86			2060						86						1030				
	STATION 569+20 TO STATION 570+30 SB	36B	6				110	220						6					110		110	
TH-11	STATION 570+30 TO STATION 571+50 NB	25	4			150									4			150				
	STATION 570+30 TO STATION 571+50 NB (X2)	12	7				60							7					240			
	STATION 570+30 TO STATION 571+50 NB (X2)	27B					240												240			
	STATION 570+30 TO STATION 571+50 NB	22	10			240						10						120				
	STATION 9+55 TO STATION 23+55 NB	25	31			1400									31			1400				
	STATION 9+55 TO STATION 23+55 NB (X2)	12	61				700							61					2800			
	STATION 9+55 TO STATION 23+55 NB	27B					1400												1400			
	STATION 9+55 TO STATION 23+55 NB	22	118			2800						118						1400				
	STATION 17+00 TO STATION 23+55 NB	27B					655												655			
	STATION 570+30 TO STATION 571+50 SB	25	4			120									4			120				
	STATION 570+30 TO STATION 571+50 SB (X2)	12	8				60							8					240			
	STATION 570+30 TO STATION 571+50 SB	36B	6				120	240						6					120		120	
	STATION 570+30 TO STATION 571+50 SB (X3)	27B					360												360			
	STATION 570+30 TO STATION 571+50 SB	22	12			120						12						120				
	STATION 9+55 TO STATION 23+55 SB	25	30			1400									30			1400				
	STATION 9+55 TO STATION 23+55 SB (X2)	12					700												2800			
	STATION 9+55 TO STATION 23+55 SB	27B					1400												1400			
	STATION 9+55 TO STATION 14+00 SB	27B					445												445			
	STATION 9+55 TO STATION 14+00 SB	25	10			445									10			445				
	STATION 9+55 TO STATION 17+50 SB (X2)	27B					1590												1590			
	STATION 13+00 TO STATION 17+50 SB (X2)	24				900												900				
	STATION 18+50 TO STATION 23+55 SB	24				1010												1010				
	STATION 18+50 TO STATION 23+55 SB	27B					505												505			
	STATION 16+50 TO STATION 17+50 SB	38	5					200						5							100	
TH-12	STATION 23+55 TO STATION 38+50 NB	25	32			1495												1495				
	STATION 23+55 TO STATION 38+50 NB (X2)	12	63				748							63					2990			
	STATION 23+55 TO STATION 38+50 NB	27B					1495								32				1495			
	STATION 27+50 TO STATION 29+50 NB	36	19					400						19							200	
	STATION 29+50 TO STATION 35+00 NB	27B					550												550			
	STATION 29+50 TO STATION 35+00 NB	25	12			550									12			550				
	STATION 35+00 TO STATION 38+00 NB	36A	14					600						14							300	
	STATION 26+00 TO STATION 35+00 NB	25	19			900									19			900				
	STATION 26+00 TO STATION 35+00 NB	27B					900												900			
	STATION 23+55 TO STATION 30+00 NB	22	28			1290						28						645				
	STATION 23+55 TO STATION 38+50 SB	25	32			1495									32			1495				
	STATION 23+55 TO STATION 38+50 SB (X2)	12					748												2990			
	STATION 23+55 TO STATION 38+50 SB	27B					1495												1495			
	STATION 31+00 TO STATION 33+50 SB	36	24					1000						24							500	
	STATION 23+30 TO STATION 31+50 SB	25	18			820									18			820				
	STATION 23+30 TO STATION 31+50 SB	27B					820												820			
	STATION 23+30 TO STATION 30+50 NB	24				720												720				
	STATION 23+30 TO STATION 30+50 NB	27B					720												720			
TH-13	STATION 38+50 TO STATION 53+30 NB	25	32			1480									32			1480				
	STATION 38+50 TO STATION 53+30 NB (X2)	12	63				740							63					2960			
	STATION 38+50 TO STATION 53+30 NB	27B					1480												1480			
SUBTOTAL			821			20425	20616	2660				254		320	247			17230	33425		1330	
TOTAL SHEET 3			821			43701				821								51985				

TRAFFIC HANDLING QUANTITIES

THQ-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY / DATE REVISED

LAST REVISION 02-27-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:28

TEMPORARY TRAFFIC STRIPES, PAVEMENT MARKINGS AND MARKERS (STAGE 1)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	522	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE PAINTED TRAFFIC STRIPE			TEMPORARY PAVEMENT MARKER									PAINT TRAFFIC STRIPE (2-COATS)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
TH-13	STATION 38+50 TO STATION 53+30 SB	25	32			1480									32			1480				
	STATION 38+50 TO STATION 53+30 SB (X2)	12	63				740							63					2960			
	STATION 38+50 TO STATION 53+30 SB	27B					1480												1480			
TH-14	STATION 53+30 TO STATION 68+30 NB	25	32			1500									32			1500				
	STATION 53+30 TO STATION 68+30 NB (X2)	12	64				750							64					3000			
	STATION 53+30 TO STATION 68+30 NB	27B					1500												1500			
	STATION 53+30 TO STATION 68+30 SB	25	32			1500									32			1500				
	STATION 53+30 TO STATION 68+30 SB (X2)	12	64				750							64					3000			
	STATION 53+30 TO STATION 68+30 SB	27B					1500												1500			
	STATION 66+00 TO STATION 67+80 SB	8					68												180			
	STATION 67+80 TO STATION 68+30 SB	25	2			50									2			50				
	STATION 67+80 TO STATION 68+30 SB	27B					50												50			
TH-15	STATION 68+30 TO STATION 83+20 NB	25	32			1490									32			1490				
	STATION 68+30 TO STATION 83+20 NB (X2)	12	63				745							63					2980			
	STATION 68+30 TO STATION 83+20 NB	27B					1490												1490			
	STATION 71+50 TO STATION 73+50 NB	36	20					400						20							1490	
	STATION 73+50 TO STATION 80+30 NB	25	15			680									15			680				
	STATION 73+50 TO STATION 80+30 NB	27B					680												680			
	STATION 73+50 TO STATION 80+30 NB	27B					680												680			
	STATION 80+00 TO STATION 83+20 NB	25	8			320									8			320				
	STATION 80+00 TO STATION 83+20 NB	27B					320												320			
	STATION 68+30 TO STATION 83+20 SB	25	32			1490									32			1490				
	STATION 68+30 TO STATION 83+20 SB (X2)	12	63				745							63					2980			
	STATION 68+30 TO STATION 83+20 SB	27B					1490												1490			
	STATION 68+30 TO STATION 70+00 SB	36A	63					2980						63							1490	
	STATION 70+00 TO STATION 76+50 SB	25				650												650				
	STATION 70+00 TO STATION 76+50 SB	27B					650												650			
TH-16	STATION 83+20 TO STATION 98+20 NB	25	32			1500									32			1500				
	STATION 83+20 TO STATION 98+20 NB (X2)	12	64				750							64					3000			
	STATION 83+20 TO STATION 98+20 NB	27B					1500												1500			
	STATION 85+50 TO STATION 87+40 NB	36A	9					380						9							190	
	STATION 87+40 TO STATION 89+00 NB	8					61												160			
	STATION 83+20 TO STATION 85+50 NB	25	6			230									6			230				
	STATION 83+20 TO STATION 85+50 NB	27B					230												230			
	STATION 83+20 TO STATION 98+20 SB	25	32			1500									32			1500				
	STATION 83+20 TO STATION 98+20 SB (X2)	12	64				3000							64					3000			
	STATION 83+20 TO STATION 98+20 SB	27B					1500												1500			
	STATION 88+00 TO STATION 90+50 SB	36	23					1000						23							500	
TH-17	STATION 98+20 TO STATION 113+20 NB	25	32			1500									32			1500				
	STATION 98+20 TO STATION 113+20 NB (X2)	12	64				750							64					3000			
	STATION 98+20 TO STATION 113+20 NB	27B					1500												1500			
	STATION 98+20 TO STATION 113+20 SB	25	32			1500									32			1500				
	STATION 98+20 TO STATION 113+20 SB (X2)	12	64				750							64					3000			
	STATION 98+20 TO STATION 113+20 SB	27B					1500												1500			
TH-18	STATION 113+20 TO STATION 127+80 NB	25	33			1460									33			1460				
	STATION 113+20 TO STATION 127+80 NB (X2)	12	62				730							62					2920			
	STATION 113+20 TO STATION 127+80 NB	27B					1460												1460			
	STATION 113+20 TO STATION 127+80 SB	25	33												33			1460				
	STATION 113+20 TO STATION 127+80 SB (X2)	12	62				1460							62					2920			
	STATION 113+20 TO STATION 127+80 SB	27B					1460												1460			
SUBTOTAL			1197			16850	30289	4760						812	385			18310	52090		3670	
TOTAL SHEET 4			1197				51899					1197							74070			

TRAFFIC HANDLING QUANTITIES

THQ-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY / DATE REVISED

LAST REVISION 02-27-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:29

TEMPORARY TRAFFIC STRIPES, PAVEMENT MARKINGS AND MARKERS (STAGE 1)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	523	1743

REGISTERED CIVIL ENGINEER 3-7-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE PAINTED TRAFFIC STRIPE			TEMPORARY PAVEMENT MARKER									PAINT TRAFFIC STRIPE (2-COATS)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
TH-19	STATION 127+80 TO STATION 142+80 NB	25	32			1500									32			1500				
	STATION 127+80 TO STATION 142+80 NB (X2)	12	64				750							64					3000			
	STATION 127+80 TO STATION 142+80 NB	27B					1500												1500			
	STATION 137+00 TO STATION 140+00 NB	36	27					1200						27							600	
	STATION 140+00 TO STATION 142+80 NB	25	7			280									7			280				
	STATION 140+00 TO STATION 142+80 NB	27B					280												280			
	STATION 127+80 TO STATION 142+80 SB	25	32			1500									32			1500				
	STATION 127+80 TO STATION 142+80 SB (X2)	12	64				750							64					3000			
	STATION 127+80 TO STATION 142+80 SB	27B					1500												1500			
	STATION 138+00 TO STATION 139+50 SB	8					58												150			
	STATION 139+50 TO STATION 141+00 SB	36A	7					300						7							150	
	STATION 141+00 TO STATION 142+80 SB	25	5			180									5			180				
	STATION 141+00 TO STATION 142+80 SB	27B					180												180			
TH-20	STATION 142+80 TO STATION 157+80 NB	25	32			1500									32			1500				
	STATION 142+80 TO STATION 157+80 NB (X2)	12	64				750							64					3000			
	STATION 142+80 TO STATION 157+80 NB	27B					1500												1500			
	STATION 150+00 TO STATION 152+00 NB	36A	10					400						10							200	
	STATION 152+00 TO STATION 153+00 NB	8					38												100			
	STATION 142+80 TO STATION 148+30 NB	25	12			550									12			550				
	STATION 142+80 TO STATION 148+30 NB	27B					550												550			
	STATION 148+00 TO STATION 150 NB	25	5			200									5			200				
	STATION 148+00 TO STATION 150 NB	27B					200												200			
	STATION 142+80 TO STATION 157+80 SB	25	32			1500									32			1500				
	STATION 142+80 TO STATION 157+80 SB (X2)	12	64				750							64					3000			
	STATION 142+80 TO STATION 157+80 SB	27B					1500												1500			
	STATION 148+00 TO STATION 150+50 SB	36	23					1000							23						500	
	STATION 150+50 TO STATION 152+50 SB	38	11					500						11							250	
	STATION 152+50 TO STATION 157+80 SB	37	36					1060			8			28							530	
	STATION 145+00 TO STATION 148+00 SB	25	7			300									7			300				
	STATION 145+00 TO STATION 148+00 SB	27B					300												300			
	STATION 142+80 TO STATION 147+50 SB	25	11			470									11			470				
	STATION 142+80 TO STATION 147+50 SB	27B					470												470			
TH-21	STATION 157+80 TO STATION 171+00 NB	25	29												29			1320				
	STATION 157+80 TO STATION 171+00 NB (X2)	12	56				660							56					2640			
	STATION 157+80 TO STATION 171+00 NB	27B					1320												1320			
	STATION 162+50 TO STATION 166+30 NB	36B	17				380	760						17					380		380	
	STATION 166+30 TO STATION 171+00 NB	37	32					192			8			24							470	
	STATION 157+80 TO STATION 171+00 SB	25	29			1320									29			1320				
	STATION 157+80 TO STATION 171+00 SB (X2)	12	56				660							56					2640			
	STATION 157+80 TO STATION 171+00 SB	27B					1320												1320			
	STATION 157+80 TO STATION 165+00 SB	37	50					300			8			42							720	
	STATION 165+00 TO STATION 171+00 SB	12	14				150							14					600			
TH-22	STATION 171+00 TO STATION 184+80 NB	25	30			1380									30			1380				
	STATION 171+00 TO STATION 184+80 NB (X2)	12	59				690							59					2760			
	STATION 171+00 TO STATION 184+80 NB	27B					1380												1380			
	STATION 171+00 TO STATION 184+80 NB	37	93					558			8			85							1380	
	STATION 171+00 TO STATION 184+80 SB	25	30			1380									30			1380				
	STATION 171+00 TO STATION 184+80 SB (X3)	12	87				1035							87					4140			
	STATION 171+00 TO STATION 184+80 SB	27B					1380												1380			
SUBTOTAL			1127			12060	20051	6270			32			779	316			13380	38790		5180	
TOTAL SHEET 5			1127			38381				1127								57350				

TRAFFIC HANDLING QUANTITIES

THQ-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY / DATE REVISED

LAST REVISION 03-07-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:29

TEMPORARY TRAFFIC STRIPES, PAVEMENT MARKINGS AND MARKERS (STAGE 1)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	524	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE PAINTED TRAFFIC STRIPE			TEMPORARY PAVEMENT MARKER									PAINT TRAFFIC STRIPE (2-COATS)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
TH-23	STATION 184+80 TO STATION 200+00 NB	25	12			520									12			520				
	STATION 184+80 TO STATION 200+00 NB (X2)	12	23				260							23					1040			
	STATION 184+80 TO STATION 200+00 NB	27B					520												520			
	STATION 184+80 TO STATION 196+00 NB	37	76					456			8			68							1120	
	STATION 196+00 TO STATION 197+50 NB	38B	8					340						8							170	
	STATION 197+50 TO STATION 200+00 NB	12	6				62							6					250			
	STATION 197+50 TO STATION 200+00 NB	36	23					1000						23							500	
	STATION 184+80 TO STATION 200+00 SB	25	33			1520									33			1520				
	STATION 184+80 TO STATION 200+00 SB (X2)	12	64				760							64					3040			
	STATION 184+80 TO STATION 200+00 SB	27B					1520												1520			
	STATION 184+80 TO STATION 186+70 SB	12	5				48							5					190			
	STATION 186+70 TO STATION 194+00 SB	36B	48				1130	2260						48					1130		1130	
	STATION 194+00 TO STATION 200+00 SB	27B					600												600			
	STATION 194+50 TO STATION 200+00 SB	12	12				550							12					550			
	STATION 194+50 TO STATION 200+00 SB	3 TYPE VI ARROW			297																	126
TH-24	STATION 200+00 TO STATION 215+00 NB	25	32			1500									32			1500				
	STATION 200+00 TO STATION 215+00 NB (x2)	12	64				750							64					3000			
	STATION 200+00 TO STATION 215+00 NB	27B					1500												1500			
	STATION 200+00 TO STATION 215+00 SB	25	32			1500									32			1500				
	STATION 200+00 TO STATION 215+00 SB (X3)	12	87				1038							87					4150			
	STATION 200+00 TO STATION 215+00 SB	27B					1500												1500			
	STATION 200+00 TO STATION 205+70 SB	12	13				142							13					570			
	STATION 202+50 TO STATION 205+70 SB	12	8				80							8					320			
	STATION 205+70 TO STATION 213+30 SB	36B	33				760	1520						33					760		760	
	STATION 199+85 TO STATION 209+30 SB	25	12			945									12			945				
	STATION 199+85 TO STATION 209+30 SB	12	12				236							12					945			
	STATION 199+85 TO STATION 209+30 SB	27B					945												945			
	E COOLEY DR	24				465												465				
	E COOLEY DR	27B					465												465			
	STEEL RD	6				144												535				
	STEEL RD	27B					1070												1070			
TH-25	STATION 215+00 TO STATION 230+00 NB	25	32			1500									32			1500				
	STATION 215+00 TO STATION 230+00 NB (X2)	12	64				750							64					3000			
	STATION 215+00 TO STATION 230+00 NB	27B					1500												1500			
	STATION 215+00 TO STATION 230+00 SB	25	32			1500									32			1500				
	STATION 215+00 TO STATION 230+00 SB (X2)	12	64				750							64					3000			
	STATION 215+00 TO STATION 230+00 SB	27B					1500												1500			
TH-26	STATION 230+00 TO STATION 244+00 NB	25	30			1400									30			1400				
	STATION 230+00 TO STATION 244+00 NB (X2)	12	59				700							59					2800			
	STATION 230+00 TO STATION 244+00 NB	27B					1400												1400			
	STATION 237+50 TO STATION 241+00 NB	36B	57				1350	2700						57					1350		1350	
	STATION 241+00 TO STATION 244+00 NB	12	7				75							7					300			
	STATION 237+50 TO STATION 242+00 NB	12	8				88							8					350			
	STATION 237+50 TO STATION 242+00 NB	3 TYPE VI ARROWS			297																	126
	STATION 237+50 TO STATION 244+00 NB	25	15			650									15			650				
	STATION 237+50 TO STATION 244+00 NB	12	28				325							28					1300			
	STATION 237+50 TO STATION 244+00 NB	27B					650												650			
	STATION 230+00 TO STATION 244+00 SB	25	30			1400									30			1400				
	STATION 230+00 TO STATION 244+00 SB (X2)	12	59				700							59					2800			
	STATION 230+00 TO STATION 244+00 SB	27B					1400												1400			
	STATION 239+00 TO STATION 243+00 SB	36	35					1600						35							800	
	STATION 231+50 TO STATION 243+00 SB (X2)	12	49				575							49					2300			
	STATION 231+50 TO STATION 239+00 SB	25	16			750									16			750				
	STATION 231+50 TO STATION 239+00 SB	27B					750												750			
	STATION 231+50 TO STATION 233+50 SB	36	19					800						19							400	
	STATION 243+00 TO STATION 243+80 SB (X2)	37	12					320			8			4							160	
SUBTOTAL			1219		594	13794	26449	10996			16			927	276			14185	48465		6390	252
TOTAL			1219		594	51239						1219						69040				252

TRAFFIC HANDLING QUANTITIES
THQ-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 02-27-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:29

TEMPORARY TRAFFIC STRIPES, PAVEMENT MARKINGS AND MARKERS (STAGE 1)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	525	1743

REGISTERED CIVIL ENGINEER 3-7-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE PAINTED TRAFFIC STRIPE			TEMPORARY PAVEMENT MARKER									PAINT TRAFFIC STRIPE (2-COATS)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
TH-27	STATION 244+00 TO STATION 258+80 NB	25	32			1480									32			1480				
	STATION 244+00 TO STATION 258+80 NB (X3)	12	63				740							63					2960			
	STATION 244+00 TO STATION 258+80 NB	27B					1480												1480			
	STATION 250+00 TO STATION 252+80 NB	36B	13				280	560						13					280		280	
	STATION 252+80 TO STATION 258+80 NB	12	12				150							12					600			
	STATION 244+00 TO STATION 250+00 NB	12	12				150							12					600			
	STATION 244+00 TO STATION 250+00 NB	25	12			600									12			600				
	STATION 244+00 TO STATION 250+00 NB	27B					600												600			
	STATION 244+00 TO STATION 258+80 SB	25	32			1480									32			1480				
	STATION 244+00 TO STATION 258+80 SB (X2)	12	63				740							63					2960			
	STATION 244+00 TO STATION 258+80 SB	27B					1480												1480			
	STATION 244+00 TO STATION 258+80 SB (X2)	37	198					1196			8			190							4400	
TH-28	STATION 258+80 TO STATION 269+70 NB	25	24			1090									24			1090				
	STATION 258+80 TO STATION 269+70 NB (X4)	12	92				1090							92					4360			
	STATION 258+80 TO STATION 269+70 NB	27B					1090												1090			
	STATION 265+00 TO STATION 268+00 NB	36	27					1200						27							600	
	STATION 268+00 TO STATION 269+70 NB	25	5			170									5			170				
	STATION 268+00 TO STATION 269+70 NB	27B					170												170			
	STATION 258+80 TO STATION 267+00 SB	25	18			820									18			820				
	STATION 258+80 TO STATION 267+00 SB (X2)	12	36				410							36					1640			
	STATION 258+80 TO STATION 267+00 SB	27B					820												820			
	STATION 260+00 TO STATION 265+00 SB	36B	22				500	1000						22					500		500	
	STATION 265+00 TO STATION 268+00 SB	25	7			300									7			300				
	STATION 265+00 TO STATION 268+00 SB	27B					300												300			
	STATION 258+80 TO STATION 267+00 SB (X2)	37	110					660			8			102							1640	
TH-29	STATION 269+70 TO STATION 276+20 NB	25	15			650									15			650				
	STATION 269+70 TO STATION 276+20 NB (X4)	12	55				650							55					2600			
	STATION 269+70 TO STATION 276+20 NB	27B					650												650			
	STATION 269+70 TO STATION 273+20 NB	25	8			350									8			350				
	STATION 269+70 TO STATION 273+20 NB	27B					350												350			
SUBTOTAL			856			6940	11650	4616			16			687	153			6940	23440		7420	
TOTAL SHEET 7			856			23206				856								37800				
TOTAL STAGE 1			7603		786	337782				7603								408755				326

TRAFFIC HANDLING QUANTITIES

THQ-7

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: HORMUZD SETHNA
CHECKED BY

REVISED BY: TRAN HOANG
DATE REVISED

LAST REVISION 03-07-12 DATE PLOTTED => 17-APR-2012 TIME PLOTTED => 18:29

TEMPORARY TRAFFIC STRIPES, PAVEMENT MARKINGS AND MARKERS (STAGE 2)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	526	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE PAINTED TRAFFIC STRIPE			TEMPORARY PAVEMENT MARKER									PAINT TRAFFIC STRIPE (2-COATS)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
TH-32	STATION 460+00 TO STATION 477+25 NB	25	38			1725									38			1725				
	STATION 460+00 TO STATION 477+25 NB (X3)	12	109				1294					109							5175			
	STATION 460+00 TO STATION 477+25 NB	27B					1725												1725			
TH-33	STATION 477+25 TO STATION 492+25 NB	25	33			1500									33			1500				
	STATION 477+25 TO STATION 492+25 NB (X2)	12	64				750					64							3000			
	STATION 477+25 TO STATION 492+25 NB	27B					1500												1500			
	STATION 477+25 TO STATION 482+25 NB	12	11				125					11							500			
	STATION 477+25 TO STATION 482+25 NB	3 TYPE VI ARROWS			297																	126
	STATION 487+20 TO STATION 492+25 SB	25	12			505									12			505				
	STATION 487+20 TO STATION 492+25 SB (X3)	12	96				379					96							1515			
	STATION 488+50 TO STATION 490+00 SB	37	10					30			8	2									150	
	STATION 487+00 TO STATION 488+50 SB	38	7					150				7									150	
	STATION 482+80 TO STATION 488+00 SB	25	13			520									13			520				
	STATION 482+80 TO STATION 488+00 SB	12	12				130					12							520			
	STATION 482+80 TO STATION 488+00 SB	27B					520												520			
TH-34	STATION 492+25 TO STATION 506+00 NB	25	30			1320									30			1320				
	STATION 492+25 TO STATION 506+00 NB (X2)	12	58				688					58							2750			
	STATION 492+25 TO STATION 506+00 NB	27B					1375												1375			
	STATION 492+25 TO STATION 507+25 SB	25	33			1500									33			1500				
	STATION 492+25 TO STATION 507+25 SB (X2)	12	126				750					126							3000			
	STATION 492+25 TO STATION 507+25 SB	27B					1500												1500			
TH-35	STATION 507+25 TO STATION 511+00 SB	25	10			375									10			375				
	STATION 507+25 TO STATION 511+00 SB (X2)	12	32				188					32							750			
	STATION 507+25 TO STATION 511+00 SB	27B					375												375			
TH-36	STATION 530+50 TO STATION 534+40 NB	25	10			390									10			390				
	STATION 530+50 TO STATION 534+40 NB (X2)	12	17				195					17							780			
	STATION 530+50 TO STATION 534+40 NB	27B					390												390			
TH-37	STATION 534+40 TO STATION 545+00 NB	25	26			1160									26			1160				
	STATION 534+40 TO STATION 545+00 NB (X2)	12	49				580					49							2320			
	STATION 534+40 TO STATION 545+00 NB	27B					1160												1160			
	STATION 542+45 TO STATION 545+00 SB	25	7			255									7			255				
	STATION 542+45 TO STATION 545+00 SB (X2)	12	12				128					12							510			
	STATION 542+45 TO STATION 545+00 SB	27B					255												255			
TH-38	STATION 545+00 TO STATION 556+50 NB	25	25			1150									25			1150				
	STATION 545+00 TO STATION 556+50 NB (X2)	12	48				558					48							2230			
	STATION 545+00 TO STATION 556+50 NB	27B					1150												1150			
	STATION 545+00 TO STATION 560+00 SB	25	33			1500									33			1500				
	STATION 545+00 TO STATION 560+00 SB (X2)	12	64				750					64							3000			
	STATION 545+00 TO STATION 560+00 SB	27B					1500												1500			
TH-39	STATION 560+00 TO STATION 561+00 SB	25	4			100									4			100				
	STATION 560+00 TO STATION 561+00 SB (X2)	12	5				50					5							200			
	STATION 560+00 TO STATION 561+00 SB	27B					100												100			
TH-40	STATION 570+40 TO STATION 571+40 SB	27B					100												100			
	STATION 9+50 TO STATION 23+55 SB	27B					1405												1405			
	STATION 12+25 TO STATION 14+00 SB	36B					175	350											175		175	
	STATION 14+00 TO STATION 19+00 SB	25	12			500									12			500				
	STATION 14+00 TO STATION 19+00 SB	27B						500											500			
	STATION 9+50 TO STATION 11+80 SB LA CADENA DR	21				460												230				
	STATION 11+80 TO STATION 17+50 SB (X2) LA CADENA DR	24				1140												1140				
	STATION 9+50 TO STATION 17+50 SB (X2) LA CADENA DR	27B					1600												1600			
	STATION 18+00 TO STATION 23+55 SB (X2) LA CADENA DR	24				1110												1110				
	STATION 18+00 TO STATION 23+55 SB (X2) LA CADENA DR	12	22				253					22							1010			
	STATION 18+00 TO STATION 23+55 SB (X2) LA CADENA DR	27B					505												505			
SUBTOTAL			1028		297	15210	22153	1030			8	734			286			14980	43095		475	126
TOTAL SHEET 8			1028		297	38393				1028								58550				126

TRAFFIC HANDLING QUANTITIES

THQ-8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY / DATE REVISED

LAST REVISION 02-27-12 DATE PLOTTED => 17-APR-2012 TIME PLOTTED => 18:29

TEMPORARY TRAFFIC STRIPES, PAVEMENT MARKINGS AND MARKERS (STAGE 2)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	527	1743

REGISTERED CIVIL ENGINEER 3-7-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE PAINTED TRAFFIC STRIPE			TEMPORARY PAVEMENT MARKER									PAINT TRAFFIC STRIPE (2-COATS)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
TH-40	STATION 18+00 TO STATION 23+55 SB LA CADENA DR	1 TYPE IV ARROWS			48																	15
	STATION 18+00 TO STATION 23+55 SB (X2) LA CADENA DR	1 TYPE I ARROWS			63																	25
	STATION 11+80 TO STATION 17+50 SB LA CADENA DR	1 TYPE IV ARROWS			48																	15
	STATION 11+80 TO STATION 17+50 SB LA CADENA DR	1 TYPE I ARROWS			48																	15
	STATION 11+80 TO STATION 17+50 SB LA CADENA DR	1 TYPE II ARROWS			168																	45
	STATION 11+80 TO STATION 23+50 SB LA CADENA DR	5 STOP			255																	110
	STATION 11+80 TO STATION 23+50 SB LA CADENA DR	LIMIT LINE			65																	65
	STATION 22+00 TO STATION 23+55 NB	27B					155												155			
TH-41	STATION 23+55 TO STATION 38+50 NB	27B					1495												1495			
	STATION 24+00 TO STATION 28+25 NB	36	62					750				62									750	
	STATION 28+25 TO STATION 36+00 NB	27B					775												775			
	STATION 36+00 TO STATION 38+00 NB	36B					200	400											200		200	
	STATION 26+00 TO STATION 36+00 NB	25	23			1000									23			1000				
	STATION 26+00 TO STATION 38+50 NB	27B					250												250			
	STATION 23+55 TO STATION 27+00 NB	21				345												345				
	STATION 23+55 TO STATION 27+00 NB	27B					345												345			
	STATION 23+55 TO STATION 38+50 NB	2 STOP			102																	44
	STATION 23+55 TO STATION 38+50 NB	2 TYPE II ARROWS			336																	90
	STATION 23+55 TO STATION 38+50 NB	2 TYPE I ARROWS			126																	50
	STATION 34+00 TO STATION 37+50 SB	36																			700	
	STATION 23+20 TO STATION 34+00 SB	25	25			1080		1400							25			1080				
	STATION 23+20 TO STATION 34+00 SB	27B					1080												1080			
	STATION 31+00 TO STATION 38+50 SB	27B					750												750			
	IOWA ST AVE	21				1200												1200				
	IOWA ST AVE	27B					2400												2400			
	IOWA ST AVE	38	5					200				5									100	
	IOWA ST AVE	12	6				63					6							250			
	S LA CADENA DR	24				2200												2200				
	S LA CADENA DR	12	48				550					48							2220			
	S LA CADENA DR	27B					2220												2220			
	S LA CADENA DR	2 STOP			101																	44
	S LA CADENA DR	2 TYPE IV ARROWS			96																	30
TH-42	STATION 38+50 TO STATION 39+00 SB	27B					150												150			
TH-43	STATION 61+00 TO STATION 63+00 SB	8					200												200			
	STATION 63+00 TO STATION 66+50 SB	36A					350	700											350		350	
	STATION 66+50 TO STATION 68+50 SB	25	6			200									6			200				
	STATION 59+00 TO STATION 68+50 SB	27B					950												950			
	STATION 66+00 TO STATION 68+50 NB	27B					250												250			
	STATION 67+25 TO STATION 68+50 NB	36						500													250	
TH-44	STATION 68+50 TO STATION 71+00 NB	36						1000													500	
	STATION 71+00 TO STATION 83+10 NB	27B					1210												1210			
	STATION 71+00 TO STATION 83+10 NB	25	27			1210									27			1210				
	STATION 68+50 TO STATION 88+00 NB	27B					1210												1210			
	STATION 80+00 TO STATION 83+10 NB	25	8			310									8			310				
	STATION 80+00 TO STATION 83+10 NB	27B					310												310			
	STATION 68+50 TO STATION 77+00 SB	25	20			850									20			850				
	STATION 68+50 TO STATION 77+00 SB	27B					800												850			
TH-45	STATION 83+10 TO STATION 92+00 NB	27B					890												890			
	STATION 92+00 TO STATION 94+80 NB	36B					280	560											280		280	
	STATION 83+10 TO STATION 92+00 NB	25	21			890									21			890				
	STATION 83+10 TO STATION 96+50 NB	27B					1340												1340			
SUBTOTAL			251		1456	9285	18223	5510				121			130			9285	20130		3130	548
TOTAL SHEET 9			251		1456	33018				251								32545				548

TRAFFIC HANDLING QUANTITIES

THQ-9

REVISED BY | DATE REVISED
TRAN HOANG | HORMUZD SETHNA
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

LAST REVISION 03-07-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:29

TEMPORARY TRAFFIC STRIPES, PAVEMENT MARKINGS AND MARKERS (STAGE 2)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	528	1743

REGISTERED CIVIL ENGINEER 3-7-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE PAINTED TRAFFIC STRIPE			TEMPORARY PAVEMENT MARKER									PAINT TRAFFIC STRIPE (2-COATS)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
TH-45	STATION 86+00 TO STATION 90+00 NB	27B					400												400			
	STATION 90+00 TO STATION 93+25 NB	36						1300													650	
	STATION 86+30 TO STATION 90+00 NB	25	10			370									10			370				
	STATION 86+30 TO STATION 98+10 NB	27B					1180												1180			
TH-48	STATION 133+40 TO STATION 142+80 NB	27B					940												940			
	STATION 134+55 TO STATION 138+00 NB	36						1380													690	
	STATION 138+00 TO STATION 142+80 NB	27B					480												480			
	STATION 138+00 TO STATION 142+80 NB	25	12			480									12			480				
	STATION 131+00 TO STATION 142+80 SB	25	27			1180									27			1180				
	STATION 131+00 TO STATION 142+80 SB (X2)	12	50				590					50							2360			
	STATION 131+00 TO STATION 142+80 SB	27B					1180												1180			
	STATION 131+90 TO STATION 135+00 SB	36B					310	620											310		310	
	STATION 135+00 TO STATION 142+80 SB	25	18			780									18			780				
	STATION 135+00 TO STATION 142+80 SB	27B					780												780			
TH-49	STATION 142+80 TO STATION 148+00 NB	25	13			520									13			520				
	STATION 142+80 TO STATION 148+00 NB	27B					520												520			
	STATION 146+50 TO STATION 148+00 NB	12	4				38					4							150			
	STATION 142+80 TO STATION 152+00 NB	27B					920												920			
	STATION 152+00 TO STATION 154+50 NB	36B					250	500											250		250	
	STATION 148+00 TO STATION 152+00 NB	25	10			400									10			400				
	STATION 148+00 TO STATION 157+80 NB	27B					980												980			
	STATION 149+00 TO STATION 157+80 NB	25	21			880									21			880				
	STATION 149+00 TO STATION 157+80 NB (X2)	12	38				440					38							1760			
	E WASHINGTON ST	24				550												550				
	E WASHINGTON ST	12	17				188					17							750			
	E WASHINGTON ST	38						400													200	
	E WASHINGTON ST	27B					550												550			
	STATION 142+80 TO STATION 157+80 SB	25	33			1500									33			1500				
	STATION 142+80 TO STATION 157+80 SB (X2)	12	64				750					64							3000			
	STATION 142+80 TO STATION 157+80 SB	27B					1500												1500			
	STATION 153+50 TO STATION 157+80 SB	36						1720													860	
	STATION 146+00 TO STATION 153+50 SB	25	18			750									18			750				
	STATION 146+00 TO STATION 153+50 SB	27B					750												750			
	STATION 142+80 TO STATION 149+00 SB	25	15			620									15			620				
	STATION 142+80 TO STATION 149+00 SB	27B					620												620			
TH-50	STATION 157+80 TO STATION 171+00 NB	25	30			1320									30			1320				
	STATION 157+80 TO STATION 171+00 NB (X2)	12	56				660					56							2640			
	STATION 157+80 TO STATION 171+00 NB	27B					1320												1320			
	E WASHINGTON ST	24				500												500				
	E WASHINGTON ST	12	12				125					12							500			
	E WASHINGTON ST	27B					500												500			
	STATION 157+80 TO STATION 163+50 SB	25	14			570									14			570				
	STATION 157+80 TO STATION 163+50 SB (X2)	12	25				285					25							1140			
	STATION 157+80 TO STATION 163+50 SB	37	38					114				38									570	
	STATION 157+80 TO STATION 163+50 SB	27B					570												570			
	STATION 157+80 TO STATION 159+00 SB	36						480													240	
TH-51	STATION 171+00 TO STATION 182+90 NB	25	27			1190									27			1190				
	STATION 171+00 TO STATION 182+90 NB (X2)	12	52				595					52							2380			
	STATION 171+00 TO STATION 182+90 NB	27B					1190												1190			
SUBTOTAL			604			11610	18611	6514				356			248			11610	29620		3770	
TOTAL SHEET 10			604			36735				604								45000				
SUBTOTAL STAGE 2			1883		1753	108146				1883								136095				674

TRAFFIC HANDLING QUANTITIES
THQ-10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 03-07-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:29

TEMPORARY TRAFFIC STRIPES, PAVEMENT MARKINGS AND MARKERS (STAGE 3)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	529	1743

REGISTERED CIVIL ENGINEER 3-7-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE PAINTED TRAFFIC STRIPE			TEMPORARY PAVEMENT MARKER									PAINT TRAFFIC STRIPE (2-COATS)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
TH-52	STATION 452+75 TO STATION 457+75 NB	25	32			1500									32			1500				
	STATION 452+75 TO STATION 457+75 NB (X3)	12	95				1125							95					4500			
	STATION 452+75 TO STATION 457+75 NB	27B					1500												1500			
	STATION 448+40 TO STATION 457+75 SB	25	20			935									20			935				
	STATION 448+40 TO STATION 457+75 SB	12	20				233							20					935			
	STATION 448+40 TO STATION 457+75 SB	27B					935												935			
TH-53	STATION 457+75 TO STATION 467+55 NB	25	21			980									21			980				
	STATION 457+75 TO STATION 467+55 NB	12	21				245							21					980			
	STATION 457+75 TO STATION 467+55 NB	27B					980												980			
	STATION 460+00 TO STATION 463+25 NB	37	23					138			8			15							325	
	STATION 463+25 TO STATION 465+00 NB	36	17					700						17							350	
	STATION 457+75 TO STATION 467+55 SB	25	21												21			980				
	STATION 457+75 TO STATION 467+55 SB (X3)	12	62				735							62					2940			
	STATION 457+75 TO STATION 467+55 SB	27B					980												980			
	STATION 465+00 TO STATION 467+40 NB	25	6			240									6			240				
	STATION 465+00 TO STATION 467+40 NB	27B					240												240			
TH-54	STATION 467+55 TO STATION 477+25 NB	25	21			970									21			970				
	STATION 467+55 TO STATION 477+25 NB (X2)	12	41				485							41					1940			
	STATION 471+00 TO STATION 477+25 NB	37	43					258			8			35							625	
	STATION 467+55 TO STATION 477+25 NB	27B					970												970			
	STATION 469+00 TO STATION 471+00 NB	36B	9				200	400						9					200		200	
	STATION 467+40 TO STATION 469+00 NB	25	4			160									4			160				
	STATION 467+40 TO STATION 469+00 NB	27B					160												160			
	STATION 467+55 TO STATION 477+25 SB	25	21			970									21			970				
	STATION 467+55 TO STATION 477+25 SB (X3)	12	62				728							62					2910			
	STATION 467+55 TO STATION 477+25 SB	27B					970												970			
TH-55	STATION 477+25 TO STATION 492+25 NB	25	32			1500									32			1500				
	STATION 477+25 TO STATION 492+25 NB (X2)	12	64				750							64					3000			
	STATION 477+25 TO STATION 492+25 NB	37	101					606			8			93							1500	
	STATION 477+25 TO STATION 492+25 NB	27B					1500												1500			
	STATION 477+25 TO STATION 492+25 SB	25	32			1500									32			1500				
	STATION 477+25 TO STATION 492+25 SB (X2)	12	64				750							64					3000			
	STATION 477+25 TO STATION 487+25 SB	12	22				250							22					1000			
	STATION 477+25 TO STATION 478+75 SB	36	94					4400						94							2200	
	STATION 477+25 TO STATION 492+25 SB	27B					1500												1500			
	STATION 485+00 TO STATION 487+50 SB	36	23					500						23							250	
	STATION 480+00 TO STATION 485+00 SB	25	11			500									11			500				
	STATION 480+00 TO STATION 485+00 SB	27B					500												500			
	STATION 486+25 TO STATION 487+25 SB	38B	19					400						19							200	
	STATION 487+25 TO STATION 489+50 SB	37	16					450			8			8							225	
TH-56	STATION 492+25 TO STATION 507+25 NB	25	32			1500									32			1500				
	STATION 492+25 TO STATION 507+25 NB (X2)	12	64				750							64					3000			
	STATION 492+25 TO STATION 507+25 NB	27B					1500												1500			
	STATION 492+25 TO STATION 493+00 NB	37	10					60			8			2							75	
	STATION 493+00 TO STATION 495+30 NB	36					230	460											230		230	
	STATION 495+30 TO STATION 498+75 NB	25	8			345									8			345				
	STATION 495+30 TO STATION 498+75 NB	27B					345												345			
	STATION 498+50 TO STATION 502+00 NB	36B					1350	2700											1350		1350	
	STATION 496+75 TO STATION 498+50 NB	25	5			175									5			175				
	STATION 502+00 TO STATION 507+25 NB	37	36					216			8			28							525	
SUBTOTAL			1172			11275	19911	11288			48			858	266			12255	38065		8055	
TOTAL SHEET 11			1172			42474				1172								58375				

TRAFFIC HANDLING QUANTITIES

THQ-11

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY / DATE REVISED

LAST REVISION 03-07-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:30

TEMPORARY TRAFFIC STRIPES, PAVEMENT MARKINGS AND MARKERS (STAGE 3)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	530	1743

REGISTERED CIVIL ENGINEER 3-7-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE PAINTED TRAFFIC STRIPE			TEMPORARY PAVEMENT MARKER									PAINT TRAFFIC STRIPE (2-COATS)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
TH-56	STATION 492+25 TO STATION 507+25 SB	25	32			1500									32			1500				
	STATION 492+25 TO STATION 507+25 SB (X2)	12	64				3000							64					3000			
	STATION 492+25 TO STATION 507+25 SB	27B					1500												1500			
	STATION 506+75 TO STATION 507+25 SB	37	8					40			8										50	
	STATION 505+50 TO STATION 506+75 SB	38B	12					250						12							125	
	STATION 503+75 TO STATION 505+50 SB	36	17					700						17							350	
	STATION 499+50 TO STATION 503+75 SB	25	10			425									10			425				
	STATION 499+50 TO STATION 503+75 SB	27B					425												425			
	STATION 498+50 TO STATION 500+50 SB	25	5			200									5			200				
	STATION 498+50 TO STATION 500+50 SB	27B					200												200			
	STATION 496+75 TO STATION 498+50 SB	36B	8				175	350						8					175		175	
TH-57	STATION 507+25 TO STATION 522+25 NB	25	32			1500									32			1500				
	STATION 507+25 TO STATION 522+25 NB (X2)	12	64				750							64					3000			
	STATION 507+25 TO STATION 522+25 NB	27B					1500												1500			
	STATION 507+25 TO STATION 522+25 NB	37	101					606			8			93							1500	
	STATION 507+25 TO STATION 522+25 SB	25	32			1500									32			1500				
	STATION 507+25 TO STATION 522+25 SB (X2)	12	64				750							64					3000			
	STATION 507+25 TO STATION 522+25 SB	27B					1500												1500			
	STATION 507+25 TO STATION 522+25 SB	37	101					606			8			93							1500	
TH-58	STATION 522+75 TO STATION 534+40 NB	25	25			1165									25			1165				
	STATION 522+75 TO STATION 534+40 NB (X2)	12	50				583							50					2330			
	STATION 522+75 TO STATION 534+40 NB	37	78					468			8			70							1165	
	STATION 522+75 TO STATION 534+40 NB	27B					1165												1165			
	STATION 522+75 TO STATION 534+40 SB	25	25			1165									25			1165				
	STATION 522+75 TO STATION 534+40 SB	12	25				292							25					1165			
	STATION 522+75 TO STATION 534+40 SB	37	78					468			8			70							1165	
	STATION 522+75 TO STATION 534+40 SB	27B					1165												1165			
TH-59	STATION 534+40 TO STATION 545+00 NB	25	23			1060									23			1060				
	STATION 534+40 TO STATION 545+00 NB (X2)	12	45				530							45					2120			
	STATION 534+40 TO STATION 545+00 NB	37	72					432			8			64							1060	
	STATION 534+40 TO STATION 545+00 NB	27B					1060												1060			
	STATION 534+40 TO STATION 545+00 SB	25	23			1060									23			1060				
	STATION 534+40 TO STATION 545+00 SB (X2)	12	45				530							45					2120			
	STATION 534+40 TO STATION 545+00 SB	37	72					432			8			64							1030	
	STATION 534+40 TO STATION 545+00 SB	27B					1060												1060			
	STATION 544+50 TO STATION 545+00 SB	36B					1060	2120											1060		1060	
TH-60	STATION 545+00 TO STATION 560+00 NB	25	32			1500									32			1500				
	STATION 545+00 TO STATION 560+00 NB (X2)	12	64				750							64					3000			
	STATION 545+00 TO STATION 560+00 NB	27B					1500												1500			
	STATION 545+00 TO STATION 546+25 NB	37	10					60			8			2							125	
	STATION 546+25 TO STATION 549+50 NB	36	29					1300						29							650	
	STATION 546+25 TO STATION 552+00 NB	22	50			1150						50						575				
	STATION 546+25 TO STATION 552+00 NB (X2)	27B					1150												1150			
	STATION 549+50 TO STATION 552+50 NB	25	7			300									7			300				
	STATION 545+00 TO STATION 560+00 SB	25	32			1500									32			1500				
	STATION 545+00 TO STATION 560+00 SB (X2)	12	64				750								64				3000			
	STATION 545+00 TO STATION 560+00 SB	27B					1500												1500			
	STATION 545+00 TO STATION 549+75 SB	36B	21				475	950						21					475		475	
	STATION 549+75 TO STATION 551+25 SB	25	4			150									4			150				
	STATION 549+75 TO STATION 551+25 SB	27B					150												150			
	STATION 553+75 TO STATION 556+50 SB	36	9			375		1100						9				375			550	
	STATION 550+00 TO STATION 553+75 SB	25	25				375								25				375			
	STATION 550+00 TO STATION 553+75 SB	27B																				
SUBTOTAL			1458			14550	23895	9882			64	50		973	371			13975	38695		10980	
TOTAL SHEET 12			1458			48327				1458								63650				

TRAFFIC HANDLING QUANTITIES

THQ-12

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 03-07-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:30

TEMPORARY TRAFFIC STRIPES, PAVEMENT MARKINGS AND MARKERS (STAGE 3)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	531	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE PAINTED TRAFFIC STRIPE			TEMPORARY PAVEMENT MARKER									PAINT TRAFFIC STRIPE (2-COATS)				THERMOPLASTIC PAVEMENT MARKING
									NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
						YELLOW	WHITE															
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
TH-61	STATION 560+00 TO STATION 570+40 NB	25	23			1040									23			1040				
	STATION 560+00 TO STATION 570+40 NB (X2)	12	46				520							46					2080			
	STATION 560+00 TO STATION 570+40 NB	27B					1040												1040			
	STATION 560+00 TO STATION 570+40 SB	25	23			1040									23			1040				
	STATION 560+00 TO STATION 570+40 SB (X2)	12	46				520							46					2080			
	STATION 560+00 TO STATION 570+40 SB	27B					1040												1040			
	STATION 567+50 TO STATION 570+40 SB	6	7			73						7						290				
	STATION 567+50 TO STATION 570+40 SB	27B					290												290			
TH-62	STATION 570+40 TO STATION 571+50 NB	25	3			110									3			110				
	STATION 570+40 TO STATION 571+50 NB (X2)	12	6				55							6					220			
	STATION 570+40 TO STATION 571+50 NB	27B					110												110			
	STATION 570+40 TO STATION 571+50 SB	25	3			110									3			110				
	STATION 570+40 TO STATION 571+50 SB (X2)	12	6				55							6					220			
	STATION 570+40 TO STATION 571+50 SB	27B					110												110			
	STATION 9+50 TO STATION 23+50 NB	25	30			1400									30			1400				
	STATION 9+50 TO STATION 23+50 NB (X2)	12	60				700							60					2800			
	STATION 9+50 TO STATION 23+50 NB	27B					1400												1400			
	STATION 9+50 TO STATION 23+50 SB	25	30			1400									30			1400				
	STATION 9+50 TO STATION 23+50 SB (X2)	12	60				700							60					2800			
	STATION 9+50 TO STATION 23+50 SB	27B					1400												1400			
	STATION 12+00 TO STATION 17+25 SB	36B	23				525	1050						23					525		525	
	STATION 17+25 TO STATION 18+75 SB	25	4			150									4			150				
	STATION 17+25 TO STATION 18+75 SB	27B					150												150			
	STATION 570+40 TO STATION 571+50 SB	6	3			28						3						110				
	STATION 9+50 TO STATION 12+00 SB	6	6			63						6						250				
	STATION 12+00 TO STATION 13+25 SB	22	12			250						12						125				
	STATION 13+25 TO STATION 17+50 SB (X2)	24				850												425				
	STATION 15+50 TO STATION 17+50 SB	12	5				50							5					200			
	STATION 18+50 TO STATION 23+50 SB	12	11				125							11					500			
	STATION 15+50 TO STATION 17+50 SB	2 TYPE II ARROWS			336																	90
	STATION 18+50 TO STATION 23+50 SB	3 TYPE IV ARROWS			144																	45
	STATION 18+50 TO STATION 23+50 SB	2 FREEWAY			80																	32
	STATION 18+50 TO STATION 23+50 SB	2 ONLY			110																	22
	STATION 18+50 TO STATION 23+50 SB	X-HATCH			240																	240
	STATION 18+50 TO STATION 23+50 SB	27B					500												500			
	STATION 17+85 TO STATION 18+75 SB	10	35						30					5								
TH-63	STATION 23+50 TO STATION 38+50 NB	25	32			1500									32			1500				
	STATION 23+50 TO STATION 38+50 NB (X2)	12	64				3000							64					3000			
	STATION 23+50 TO STATION 38+50 NB	27B					1500												1500			
	STATION 25+00 TO STATION 28+25 NB	36	29					1300						29							650	
	STATION 34+00 TO STATION 37+90 NB	36B	17				390	780						17					390		390	
	STATION 28+25 TO STATION 38+75 NB	25	23			1050									23			1050				
	STATION 28+25 TO STATION 38+75 NB	27B					1050												1050			
	STATION 24+50 TO STATION 27+50 NB	22	27			600												300				
	STATION 24+50 TO STATION 27+50 NB (X2)	27B					600					27							600			
	STATION 24+50 TO STATION 27+50 NB	2 TYPE IV ARROWS																				30
	STATION 26+00 TO STATION 38+50 NB	27B					1250												1250			
	STATION 26+00 TO STATION 34+00 NB	25	18			800									18							
	STATION 23+50 TO STATION 38+50 SB	25	32			1500									32			800				
	STATION 23+50 TO STATION 38+50 SB (X2)	12	64				750							64				1500	3000			
	STATION 23+50 TO STATION 38+50 SB	27B					1500												1500			
	STATION 32+50 TO STATION 36+10 SB	36	32					1420						32							720	
SUBTOTAL			780		910	11964	19330	4550	30			55		474	221			11600	29755		2285	459
TOTAL SHEET 13			780		910		35844		30				750						43640			459

TRAFFIC HANDLING QUANTITIES

THQ-13

REVISED BY | DATE REVISED
TRAN HOANG | HORMUZD SETHNA
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

LAST REVISION 02-27-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:30

TEMPORARY TRAFFIC STRIPES, PAVEMENT MARKINGS AND MARKERS (STAGE 3)

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE PAINTED TRAFFIC STRIPE			TEMPORARY PAVEMENT MARKER									PAINT TRAFFIC STRIPE (2-COATS)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
TH-63	STATION 23+00 TO STATION 32+50 SB	25	21			950									21			950				
	STATION 23+00 TO STATION 32+50 SB	27B					950												950			
	STATION 23+00 TO STATION 34+50 LA CADENA DR (X2)	24				4600												2300				
	STATION 23+00 TO STATION 34+50 LA CADENA DR (X3)	12	73				863							73					3450			
	STATION 23+00 TO STATION 34+50 LA CADENA DR (X2)	27B					2300												2300			
	STATION 27+00 TO STATION 29+50 LA CADENA DR (X2)	38	22					1000						22							500	
	STATION 33+50 TO STATION 34+00 LA CADENA DR (X2)	38	5					200						5							100	
	STATION 33+50 TO STATION 34+50 LA CADENA DR	38	5					200						5							100	
	STATION 33+50 TO STATION 34+50 LA CADENA DR	3 TYPE IV ARROWS			144																	45
	S. IOWA AVE	21				2200												1100				
TH-64	STATION 38+50 TO STATION 53+20 NB	25	32			1470									32			1470				
	STATION 38+50 TO STATION 53+20 NB (X2)	12	62				735							62					2940			
	STATION 38+50 TO STATION 53+20 NB	27B					1470												1470			
	STATION 38+50 TO STATION 53+20 SB	25	32			1470									32			1470				
	STATION 38+50 TO STATION 53+20 SB (X2)	12	62				735							62					2940			
	STATION 38+50 TO STATION 53+20 SB	27B					1470												1470			
TH-65	STATION 53+20 TO STATION 68+20 NB	25	32			1500									32			1500				
	STATION 53+20 TO STATION 68+20 NB (X2)	12	64				750							64					3000			
	STATION 53+20 TO STATION 68+20 NB	27B					1500												1500			
	STATION 53+20 TO STATION 68+20 SB	25	32			1500									32			1500				
	STATION 53+20 TO STATION 68+20 SB (X2)	12	64				750							64					3000			
	STATION 53+20 TO STATION 68+20 SB	27B					1500												1500			
	STATION 63+75 TO STATION 68+20 SB	36B	20				445	890						20					445		445	
TH-66	STATION 68+20 TO STATION 83+20 NB	25	32			1500									32			1500				
	STATION 68+20 TO STATION 83+20 NB (X2)	12	64				750							64					3000			
	STATION 68+20 TO STATION 83+20 NB	27B					1500												1500			
	STATION 70+00 TO STATION 72+75 NB	36	25					1100						25							550	
	STATION 72+75 TO STATION 80+25 NB	25	16			750									16			750				
	STATION 72+75 TO STATION 80+25 NB	27B					750												750			
	STATION 79+50 TO STATION 80+25 NB (X3)	38A						450													225	
	STATION 80+00 TO STATION 81+00 NB (X3)	38A						600													300	
	STATION 80+00 TO STATION 83+20 NB	25	8			320									8			320				
	STATION 80+00 TO STATION 83+20 NB	27B					320												320			
	STATION 68+20 TO STATION 83+20 SB	25	32			1500									32			1500				
	STATION 68+20 TO STATION 83+20 SB (X2)	12	64				750							64					3000			
	STATION 68+20 TO STATION 83+20 SB	27B					1500												1500			
	STATION 68+20 TO STATION 70+50 SB	36B	11				230	460						11					230		230	
	STATION 70+50 TO STATION 77+00 SB	25	15			650									15			650				
	STATION 70+50 TO STATION 77+00 SB	27B					650												650			
TH-67	STATION 83+20 TO STATION 98+20 NB	25	32			1500									32			1500				
	STATION 83+20 TO STATION 98+20 NB (X2)	12	64				750							64					3000			
	STATION 83+20 TO STATION 98+20 NB	27B					1500												1500			
	STATION 83+20 TO STATION 86+50 NB	25	8			330									8			330				
	STATION 83+20 TO STATION 86+50 NB	27B					330												330			
	STATION 86+50 TO STATION 90+50 NB	36B	18				400	800						18					400		400	
	STATION 83+20 TO STATION 98+20 SB	25	32			1500									32			1500				
	STATION 83+20 TO STATION 98+20 SB (X2)	12	64				750							64					3000			
	STATION 83+20 TO STATION 98+20 SB	27B					1500												1500			
	STATION 86+25 TO STATION 88+25 SB	25	5			200									5			200				
	STATION 86+25 TO STATION 88+25 SB	27B					200												200			
	STATION 88+25 TO STATION 91+00 SB	36	25					1100						25							550	
SUBTOTAL			1041		144	21940	25348	6800						712	329			18540	45845		3400	45
TOTAL SHEET 14			1041		144		54088		-			1041							67785			45

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	532	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

REVISED BY | DATE REVISED

TRAN HOANG | HORMUZD SETHNA

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR

WILLIAM E. WASSER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® TRAFFIC DESIGN

TRAFFIC HANDLING QUANTITIES

THQ-14

LAST REVISION 02-27-12 | DATE PLOTTED => 17-APR-2012 TIME PLOTTED => 19:03

TEMPORARY TRAFFIC STRIPES, PAVEMENT MARKINGS AND MARKERS (STAGE 3)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	533	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE PAINTED TRAFFIC STRIPE			TEMPORARY PAVEMENT MARKER									PAINT TRAFFIC STRIPE (2-COATS)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
TH-68	STATION 98+20 TO STATION 113+20 NB	25	32			1500									32			1500				
	STATION 98+20 TO STATION 113+20 NB (X2)	12	64				750							64					3000			
	STATION 98+20 TO STATION 113+20 NB	27B					1500												1500			
	CANAL ST STATION 102+00 TO STATION 109+50	6	17			188						17						750				
	CANAL ST STATION 102+00 TO STATION 109+50 (X2)	27B					1500												1500			
	STATION 98+20 TO STATION 113+20 SB	25	32			1500									32			1500				
	STATION 98+20 TO STATION 113+20 SB (X2)	12	64				750							64					3000			
	STATION 98+20 TO STATION 113+20 SB	27B					1500												1500			
TH-69	STATION 113+20 TO STATION 127+80 NB	25	31			1460									31			1460				
	STATION 113+20 TO STATION 127+80 NB (X2)	12	62				735							62					2920			
	STATION 113+20 TO STATION 127+80 NB	27B					1460												1460			
	STATION 113+20 TO STATION 127+80 SB	25	31			1460									31			1460				
	STATION 113+20 TO STATION 127+80 SB (X2)	12	62				735							62					2920			
	STATION 113+20 TO STATION 127+80 SB	27B																	1460			
TH-70	STATION 127+80 TO STATION 142+80 NB	25	32			1500									32			1500				
	STATION 127+80 TO STATION 142+80 NB (X2)	12	64				750							64					3000			
	STATION 127+80 TO STATION 142+80 NB	27B					1500												1500			
	STATION 136+50 TO STATION 139+20 NB	36	25					1080						25							540	
	STATION 139+20 TO STATION 142+80 NB	25	9			360									9			360				
	STATION 139+20 TO STATION 142+80 NB	27B					360												360			
	STATION 127+80 TO STATION 142+80 SB	25	32			1500									32			1500				
	STATION 127+80 TO STATION 142+80 SB (X2)	12	64				750							64					3000			
	STATION 127+80 TO STATION 142+80 SB	27B					1500												1500			
	STATION 139+50 TO STATION 142+80 SB	36B	15				330	660						15					330		330	
TH-71	STATION 142+80 TO STATION 157+80 NB	25	32			1500									32			1500				
	STATION 142+80 TO STATION 157+80 NB (X2)	12	64				750							64					3000			
	STATION 142+80 TO STATION 157+80 NB	27B					1500												1500			
	STATION 142+80 TO STATION 148+20 NB	25	12			540									12			540				
	STATION 142+80 TO STATION 148+20 NB	27B					540												540			
	STATION 148+00 TO STATION 149+00 NB	25	3			100									3			100				
	STATION 148+00 TO STATION 149+00 NB	27B					100												100			
	STATION 148+50 TO STATION 150+50 NB	36B	9				200	400						9					200		200	
	STATION 142+80 TO STATION 157+80 SB	25	32			1500									32			1500				
	STATION 142+80 TO STATION 157+80 SB (X2)	12	64				750							64					3000			
	STATION 142+80 TO STATION 157+80 SB	27B					1500												1500			
	STATION 148+00 TO STATION 150+50 SB	36	23					1000						23							500	
	STATION 145+50 TO STATION 148+00 SB	25	6			250									6			250				
	STATION 145+50 TO STATION 148+00 SB	27B					250												250			
	STATION 150+50 TO STATION 152+00 SB	38B	15					300						15							150	
	STATION 152+00 TO STATION 157+80 SB	37	40					240			8			32							500	
	STATION 142+80 TO STATION 144+80 SB	36B	9				200	400						9					200		200	
	STATION 144+80 TO STATION 147+50 SB	25	7			270									7			270				
	STATION 144+80 TO STATION 147+50 SB	27B					270												270			
	STATION 145+50 TO STATION 147+50 SB	10	35						30					5								
TH-72	STATION 157+80 TO STATION 170+80 NB	25	28			1300									28			1300				
	STATION 157+80 TO STATION 170+80 NB (X2)	12	56				650							56					2600			
	STATION 157+80 TO STATION 170+80 NB	27B					1300												1300			
	STATION 167+00 TO STATION 169+80 NB	36B	13				280	560						13					280		280	
	STATION 158+50 TO STATION 167+00 NB	25	19			850									19			850				
	STATION 158+50 TO STATION 167+00 NB	27B					850												850			
	STATION 157+80 TO STATION 170+80 SB	25	28			1300									28			1300				
	STATION 157+80 TO STATION 170+80 SB (X2)	12	56				650							56					2600			
	STATION 157+80 TO STATION 170+80 SB	27B					1300												1300			
	STATION 157+80 TO STATION 170+80 SB	37	88					528			8			80							1300	
SUBTOTAL			1275			17078	25210	5168	30		16	17		846	366			17640	48440		4000	
TOTAL SHEET 15			1275			47456			30	1245								70080				

TRAFFIC HANDLING QUANTITIES

THQ-15

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY / DATE REVISED

LAST REVISION 02-27-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:30

TEMPORARY TRAFFIC STRIPES, PAVEMENT MARKINGS AND MARKERS (STAGE 3)

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE PAINTED TRAFFIC STRIPE			TEMPORARY PAVEMENT MARKER									PAINT TRAFFIC STRIPE (2-COATS)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
TH-73	STATION 170+80 TO STATION 184+80 NB	25	30			1400									30			1400				
	STATION 170+80 TO STATION 184+80 NB (X2)	12	60				700							60					2800			
	STATION 170+80 TO STATION 184+80 NB	27B					1400												1400			
	STATION 170+80 TO STATION 184+80 SB	25	30			1400									30			1400				
	STATION 170+80 TO STATION 184+80 SB (X3)	12	90				1050							90					4200			
	STATION 170+80 TO STATION 184+80 SB	27B					1400												1400			
	STATION 170+80 TO STATION 173+00 SB	37	16					96			8			8							220	
	STATION 180+00 TO STATION 184+80 SB	12	11				120							11					480			
	STATION 181+00 TO STATION 184+80 SB	12	9				95							9					380			
	STATION 173+00 TO STATION 177+75 SB	38B	42					950						42							475	
	STATION 177+75 TO STATION 184+80 SB	36B	30				705	1410						30					705		705	
	STATION 181+00 TO STATION 184+80 SB	6 TYPE VI ARROWS			281																	252
TH-74	STATION 184+80 TO STATION 200+00 NB	25	33			1520									33			1520				
	STATION 184+80 TO STATION 200+00 NB (X2)	12	66				760							66					3040			
	STATION 184+80 TO STATION 200+00 NB	27B					1520												1520			
	STATION 187+25 TO STATION 200+00 NB	37	86					516			8			78							1275	
	STATION 193+00 TO STATION 197+40 NB	36	39					1760						39							880	
	STATION 197+40 TO STATION 200+00 NB	25	6			260									6			260				
	STATION 197+40 TO STATION 200+00 NB	27B					260												260			
	STATION 184+80 TO STATION 200+00 SB	25	33			1520									33			1520				
	STATION 184+80 TO STATION 200+00 SB (X4)	12	132				1520							132					6080			
	STATION 184+80 TO STATION 200+00 SB (X2)	27B					3040												3040			
	STATION 198+60 TO STATION 200+00 SB	36B	7				140	280						7					140		140	
TH-75	STATION 200+00 TO STATION 215+00 NB	25	32			1500									32			1500				
	STATION 200+00 TO STATION 215+00 NB (X2)	12	64				750							64					3000			
	STATION 200+00 TO STATION 215+00 NB	27B					1500												1500			
	STATION 190+00 TO STATION 195+70 NB	25	13			570									13			570				
	STATION 190+00 TO STATION 195+70 NB	12	13				143							13					570			
	STATION 190+00 TO STATION 195+70 NB	27B					570												570			
	STATION 200+00 TO STATION 215+00 SB	25	32			1500									32			1500				
	STATION 200+00 TO STATION 215+00 SB (X3)	12	96				1125							96					4500			
	STATION 200+00 TO STATION 215+00 SB	27B					1500												1500			
	STATION 200+00 TO STATION 213+00 SB	36	110					5200						110							2600	
	STATION 213+00 TO STATION 215+00 SB	27B					200												200			
	STATION 213+00 TO STATION 215+00 SB	25	5			200									5			200				
	STATION 199+85 TO STATION 203+50 SB	25	9			365									9			365				
	STATION 199+85 TO STATION 203+50 SB	12	9				92							9					365			
	STATION 199+85 TO STATION 203+50 SB	27B					365												365			
TH-76	STATION 215+00 TO STATION 230+00 NB	25	32			1500									32			1500				
	STATION 215+00 TO STATION 230+00 NB (X2)	12	64				750							64					3000			
	STATION 215+00 TO STATION 230+00 NB	27B					1500												1500			
	STATION 219+00 TO STATION 222+00 NB	36	27					1200						27							600	
	STATION 222+00 TO STATION 226+00 NB	25	9			400									9			400				
	STATION 222+00 TO STATION 226+00 NB	27B					400												400			
	STATION 215+00 TO STATION 230+00 SB	25	32			1500									32			1500				
	STATION 215+00 TO STATION 230+00 SB (X2)	12	64				750							64					3000			
	STATION 215+00 TO STATION 230+00 SB	27B					1500												1500			
TH-77	STATION 230+00 TO STATION 243+80 NB	25	30			1380									30			1380				
	STATION 230+00 TO STATION 243+80 NB (X2)	12	60				690							60					2760			
	STATION 230+00 TO STATION 243+80 NB	27B					1380												1380			
	STATION 237+50 TO STATION 243+80 NB	36B	28				630	1260						28					630		630	
	STATION 235+50 TO STATION 237+50 NB	25	5			200									5			200				
	STATION 235+50 TO STATION 237+50 NB	27B					200												200			
SUBTOTAL			1454		281	15215	26755	12672			16			1107	331			15215	52385		7525	252
TOTAL SHEET 16			1454		281		54642					1454							75125			252

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	534	1743

REGISTERED CIVIL ENGINEER 3-7-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

REVISED BY | DATE REVISED
TRAN HOANG | HORMUZD SETHNA
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

TRAFFIC HANDLING QUANTITIES

THQ-16

LAST REVISION 03-07-12 | DATE PLOTTED => 17-APR-2012 TIME PLOTTED => 18:30

TEMPORARY TRAFFIC STRIPES, PAVEMENT MARKINGS AND MARKERS (STAGE 3)

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	535	1743

REGISTERED CIVIL ENGINEER 3-7-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE PAINTED TRAFFIC STRIPE			TEMPORARY PAVEMENT MARKER									PAINT TRAFFIC STRIPE (2-COATS)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
TH-77	STATION 235+50 TO STATION 241+50 NB	12	14				150							14					600			
	STATION 240+00 TO STATION 243+80 NB	25	9			380									9			380				
	STATION 240+00 TO STATION 243+80 NB	27B					380												380			
	STATION 242+50 TO STATION 243+80 NB	12	4				33							4					130			
	STATION 230+00 TO STATION 243+80 SB	25	30			1380									30			1380				
	STATION 230+00 TO STATION 243+80 SB (X2)	12	60				690							60					2760			
	STATION 230+00 TO STATION 243+80 SB	27B					1380												1380			
	STATION 240+00 TO STATION 243+80 SB	36	117					5520						117							2760	
	STATION 238+50 TO STATION 240+00 SB	25	4			150									4			150				
	STATION 238+50 TO STATION 243+80 SB	12	12				125							12					500			
	STATION 238+50 TO STATION 243+80 SB	37	36					216						36							530	
	STATION 238+50 TO STATION 243+80 SB	27B					530												530			
TH-78	STATION 243+80 TO STATION 258+80 NB	25	32			1500									32			1500				
	STATION 243+80 TO STATION 258+80 NB (X2)	12	64				750							64					3000			
	STATION 249+00 TO STATION 258+80 NB (X2)	12	42				490							42					1960			
	STATION 243+80 TO STATION 258+80 NB	27B					1500												1500			
	STATION 243+80 TO STATION 249+00 NB	36B	23				520	1040						23					520		520	
	STATION 243+80 TO STATION 249+00 NB	36B	23				520	1040						23					520		520	
	STATION 243+80 TO STATION 247+00 NB	12	8				80							8					320			
	STATION 243+80 TO STATION 258+80 SB	25	32			1500									32			1500				
	STATION 243+80 TO STATION 258+80 SB (X2)	12	64											64								
	STATION 243+80 TO STATION 258+80 SB (X2)	37	201				750				8			193					3000			
	STATION 249+00 TO STATION 258+80 SB	37	80					1206			8			72							3000	
	STATION 243+80 TO STATION 258+80 SB	27B						480													1180	
	STATION 243+80 TO STATION 249+00 SB	36	45				1500							45					1500			
TH-79	STATION 258+80 TO STATION 269+80 NB	25	24			1100		1040							24			1100			520	
	STATION 258+80 TO STATION 269+80 NB (X4)	12	93				1100							93					4400			
	STATION 258+80 TO STATION 269+80 NB	27B					1100												1100			
	STATION 265+00 TO STATION 269+80 NB	36	42					960						42							480	
	STATION 258+80 TO STATION 267+00 SB	25	18			820									18			820				
	STATION 258+80 TO STATION 267+00 SB (X2)	12	33				410							33					1640			
	STATION 258+80 TO STATION 267+00 SB	27B					820												820			
	STATION 258+80 TO STATION 267+00 SB (X2)	37	110					660			8			102							1640	
	STATION 258+80 TO STATION 260+00 SB	37	9					54			8			1							120	
	STATION 260+00 TO STATION 265+00 SB	36B	22				500	1000						22					500		500	
TH-80	STATION 269+80 TO STATION 274+00 NB	25	10			420									10			420				
	STATION 269+80 TO STATION 274+00 NB (X4)	12	36				420							36					1680			
	STATION 269+80 TO STATION 274+00 NB	27B					420												420			
SUBTOTAL			1297			7250	14168	13216			32			1106	159			7250	29160		11770	
TOTAL SHEET 17			1297			34634				1297								48180				
TOTAL STAGE 3			8477		1335	317465			60	8417								426835				756
TH TOTAL			17963		3874	763393			60	17903								971685				1756
PDQ-14 TOTAL			22627		196																	3870
TOTAL			40590		4070	763393				17963								971685				5626

TRAFFIC HANDLING QUANTITIES
THQ-17

REVISED BY | DATE REVISED
TRAN HOANG | HORMUZD SETHNA
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
WILLIAM E. WASSER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

LAST REVISION 03-07-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:31

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	536	1743

REGISTERED CIVIL ENGINEER 3-7-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

TRAFFIC CONTROL DEVICES

STAGE NUMBER	SHEET NUMBER	BARRICADE TYPE II (EA)	BARRICADE TYPE III (EA)	SURFACE MOUNTED CHANNELIZERS (EA)	TEMPORARY RAILING (TYPE K) (LF)	TEMPORARY CRASH CUSHION MODULE (EA)	TEMPORARY TRAFFIC SCREEN (LF)
STAGE 1	TH-1						
	TH-2			25	980	31	980
	TH-3				1160	14	1160
	TH-4			35	3230	17	3230
	TH-5			20	9260	48	9260
	TH-6				5480		5480
	TH-7				4840		4840
	TH-8				4200		4200
	TH-9			20	7970	34	7970
	TH-10				3500		3500
	TH-11				6170		6170
	TH-12		3	40	6010	34	6010
	TH-13				2980		2980
	TH-14				3000		3000
	TH-15			10	5785	28	5785
	TH-16			15	4180	17	4180
	TH-17		6		3020		3020
	TH-18				2920		2920
	TH-19			15	4340	17	4340
	TH-20	1		15	4780	17	4780
	TH-21			20	3630	17	3630
	TH-22				4500		4500
	TH-23				4560		4560
	TH-24				4980	14	4980
	TH-25				5200		5200
	TH-26				4850	14	4850
	TH-27				6600	14	6600
	TH-28				5900	31	5900
	TH-29				2000		2000
	TH-30						
	TH-31						
STAGE 2	TH-32						
	TH-33				400		400
	TH-34			10	2270	14	2270
	TH-35			10	300	14	300
	TH-36						
	TH-37			10	760	14	
	TH-38		8		1090		1090
	TH-39			10	800	14	800
	TH-40				350		350
	TH-41						
	TH-42						
	TH-43				1025		1025
	TH-44		9		1250	17	1250
	TH-45			15	2225	17	2225
	TH-46						
	TH-47						
	TH-48			10	2775	17	2775
	TH-49			10	3700	17	3700
	TH-50				800	14	800
	TH-51				300		300
STAGE 3	TH-52						
	TH-53						
	TH-54	1					
	TH-55	1			1290	17	1290
	TH-56				3000		3000
	TH-57				3000		3000
SUBTOTAL		3	26	290	151360	502	150600

TRAFFIC CONTROL DEVICES (Con't)

STAGE NUMBER	SHEET NUMBER	BARRICADE TYPE II (EA)	BARRICADE TYPE III (EA)	SURFACE MOUNTED CHANNELIZERS (EA)	TEMPORARY RAILING (TYPE K) (LF)	TEMPORARY CRASH CUSHION MODULE (EA)	TEMPORARY TRAFFIC SCREEN (LF)
STAGE 3	TH-58				2420		2420
	TH-59				2120		2120
	TH-60				3000		3000
	TH-61				2080		2080
	TH-62				4700	28	4700
	TH-63			45	7600	34	7600
	TH-64				4410	14	4410
	TH-65				3540		3540
	TH-66				6980	45	6980
	TH-67				4140	17	4140
	TH-68				3340		3340
	TH-69				3340		3340
	TH-70			10	4060	17	4060
	TH-71	1		15	3590	28	3590
	TH-72				2690		2690
	TH-73				1740		1740
	TH-74			15	4660	17	4660
	TH-75			10	3830	28	3830
	TH-76				2620	14	2620
	TH-77			15	2600	31	2600
	DE-11		6				
SUBTOTAL		1		110	73460	273	73460
TOTAL		4	32	400	224820	775	224060

PORTABLE CHANGEABLE MESSAGE SIGNS

LOCATIONS	Q+y (EA)
TRAFFIC HANDLING (STAGE CONSTRUCTION) AND DETOUR	30*

* EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.

TRAFFIC HANDLING QUANTITIES

THQ-18

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: HORMUZD SETHNA
CHECKED BY: TRAN HOANG
REVISED BY / DATE REVISED

LAST REVISION 03-07-12 | DATE PLOTTED => 05-JUN-2012 | TIME PLOTTED => 11:31

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	537	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

CONSTRUCTION AREA SIGNS

SHEET	STAGE USE	SIGN CODE	DIR	PANEL SIZE (IN X IN)	NO. POSTS AND SIZE (IN)	NO. OF SIGNS	REMARKS
TH-1	1	W21-5B	NB	48 X 48	1-6X4	1	RIGHT SHOULDER CLOSED 1000FT
TH-2	1	W23-1	NB	48 X 24	1-6X4	1	SLOW TRAFFIC AHEAD
TH-3		C31A (CA)	NB	48 X 48	1-6X4	1	
TH-4		W73 (CA)	NB	48 X 48	1-6X4	1	
TH-4	1	G-85(CA)	NB	72 X 60	2-6X6	1	COLUMBIA AVE
TH-4		W73 (CA)	SB	48 X 48	1-6X4	1	
TH-5		C30A (CA)	NB	48 X 48	1-6X4	1	
TH-6	1	G-85(CA)	SB	72 X 60	2-6X6	1	COLUMBIA AVE
TH-6		C31A (CA)	SB	48 X 48	1-6X4	1	
TH-8	1	G-85(CA)	NB	84 X 60	2-6X6	1	CENTER ST, HIGHGROVE
TH-8		C30A (CA)	SB	48 X 48	1-6X4	1	
TH-9		C30A (CA)	NB	48 X 48	1-6X4	1	
TH-9	1	G-85(CA)	SB	84 X 60	2-6X6	1	CENTER ST, HIGHGROVE
TH-12	1	G-85(CA)	NB	78 X 42	2-4X6	1	IOWA AVE
TH-12		C31A (CA)	SB	48 X 48	1-6X4	1	
TH-12	1	G-85(CA)	SB	78 X 42	2-4X6	1	IOWA AVE
TH-13		C30A (CA)	NB	48 X 48	1-6X4	1	
TH-14		C30A (CA)	SB	48 X 48	1-6X4	1	
TH-15	1	G-85(CA)	NB	84 X 42	2-4X6	1	BARTON RD
TH-16		C30A (CA)	NB	48 X 48	1-6X4	1	
TH-16	1	G-85(CA)	SB	84 X 42	2-4X6	1	BARTON RD
TH-16		C30A (CA)	SB	48 X 48	1-6X4	1	
TH-17		C31A (CA)	SB	48 X 48	1-6X4	1	
TH-18		C31A (CA)	NB	48 X 48	1-6X4	1	
TH-19	1	G-85(CA)	NB	108 X 60	2-6X8	1	WASHINGTON ST, MT VERNON AVE
TH-19		C30A (CA)	SB	48 X 48	1-6X4	1	
TH-20		W21-5L	NB	48 X 48	1-6X4	1	
TH-20	1	G-85(CA)	SB	108 X 60	2-6X8	1	WASHINGTON ST, MT VERNON AVE
TH-21		R18A (CA)	SB	66 X 48	2-4X6	1	
TH-21		C30A (CA)	NB	48 X 48	1-6X4	1	
TH-22		C31A (CA)	NB	48 X 48	1-6X4	1	
TH-22		C31A (CA)	SB	48 X 48	1-6X4	1	
TH-26		C30A (CA)	SB	48 X 48	1-6X4	1	
TH-27		W4-7	SB	48 X 48	1-6X4	1	
TH-27		W21-5L	SB	48 X 48	1-6X4	1	
TH-54		W21-5L	NB	48 X 48	1-6X4	1	
TH-55		W73 (CA)	NB	48 X 48	1-6X4	1	
TH-55		C30A (CA)	NB	48 X 48	1-6X4	1	
TH-57		C30A (CA)	NB	48 X 48	1-6X4	1	
TH-57		C30A (CA)	SB	48 X 48	1-6X4	1	
TH-59		C31A (CA)	NB	48 X 48	1-6X4	1	
TH-59		C31A (CA)	SB	48 X 48	1-6X4	1	
TH-62		C30A (CA)	NB	48 X 48	1-6X4	1	
TH-62		C30A (CA)	SB	48 X 48	1-6X4	1	
TH-64		C31A (CA)	NB	48 X 48	1-6X4	1	
TH-64		C31A (CA)	SB	48 X 48	1-6X4	1	
TH-66		C30A (CA)	NB	48 X 48	1-6X4	1	
TH-66		C30A (CA)	SB	48 X 48	1-6X4	1	
TH-68		C30A (CA)	NB	48 X 48	1-6X4	1	
TH-68		C30A (CA)	SB	48 X 48	1-6X4	1	
TH-70		C30A (CA)	NB	48 X 48	1-6X4	1	
TH-70		C30A (CA)	SB	48 X 48	1-6X4	1	
TH-71		C30A (CA)	SB	48 X 48	1-6X4	1	
TH-72		W21-5L	SB	48 X 48	1-6X4	1	
TH-73		C30A (CA)	NB	48 X 48	1-6X4	1	
TH-75		C30A (CA)	NB	48 X 48	1-6X4	1	
TH-76		C30A (CA)	SB	48 X 48	1-6X4	1	
TH-77		C30A (CA)	SB	48 X 48	1-6X4	1	
TH-78		R18A	SB	66 X 48	2-4X6	1	

CONSTRUCTION AREA SIGNS (CONTI.)

SHEET	SIGN CODE	STAGE USE	DIR	PANEL SIZE (IN X IN)	NO. POSTS AND SIZE (IN)	NO. OF SIGNS	REMARKS
TH-4	G-86(CA)	1	NB	72 X 60	2-6X6	1	COLUMBIA AVE, NEXT EXIT
TH-6	G-86(CA)	1	SB	72 X 60	2-6X6	1	COLUMBIA AVE, NEXT EXIT
TH-7	G-86(CA)	1	NB	90 X 60	2-6X6	1	CENTER ST, HIGHGROVE NEXT EXIT
TH-10	G-86(CA)	1	SB	90 X 60	2-6X6	1	CENTER ST, HIGHGROVE NEXT EXIT
TH-11	G-86(CA)	1	NB	78 X 36	2-4X6	1	IOWA AVE, NEXT EXIT
TH-13	G-86(CA)	1	SB	78 X 36	2-4X6	1	IOWA AVE, NEXT EXIT
TH-14	G-86(CA)	1	NB	84 X 36	2-4X6	1	BARTON RD, NEXT EXIT
TH-17	G-86(CA)	1	SB	84 X 36	2-4X6	1	BARTON RD, NEXT EXIT
TH-18	G-86(CA)	1	NB	108 X 54	2-6X6	1	WASHINGTON ST, MT VERNON AVE, NEXT EXIT
TH-21	G-86(CA)	1	SB	108 X 54	2-6X6	1	WASHINGTON ST, MT VERNON AVE, NEXT EXIT
TOTAL						69	

NOTE

✳ AS DIRECTED BY THE ENGINEER

TRAFFIC HANDLING QUANTITIES
THQ-19

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA

REVISED BY | DATE REVISED

LAST REVISION 02-27-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:31

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	538	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

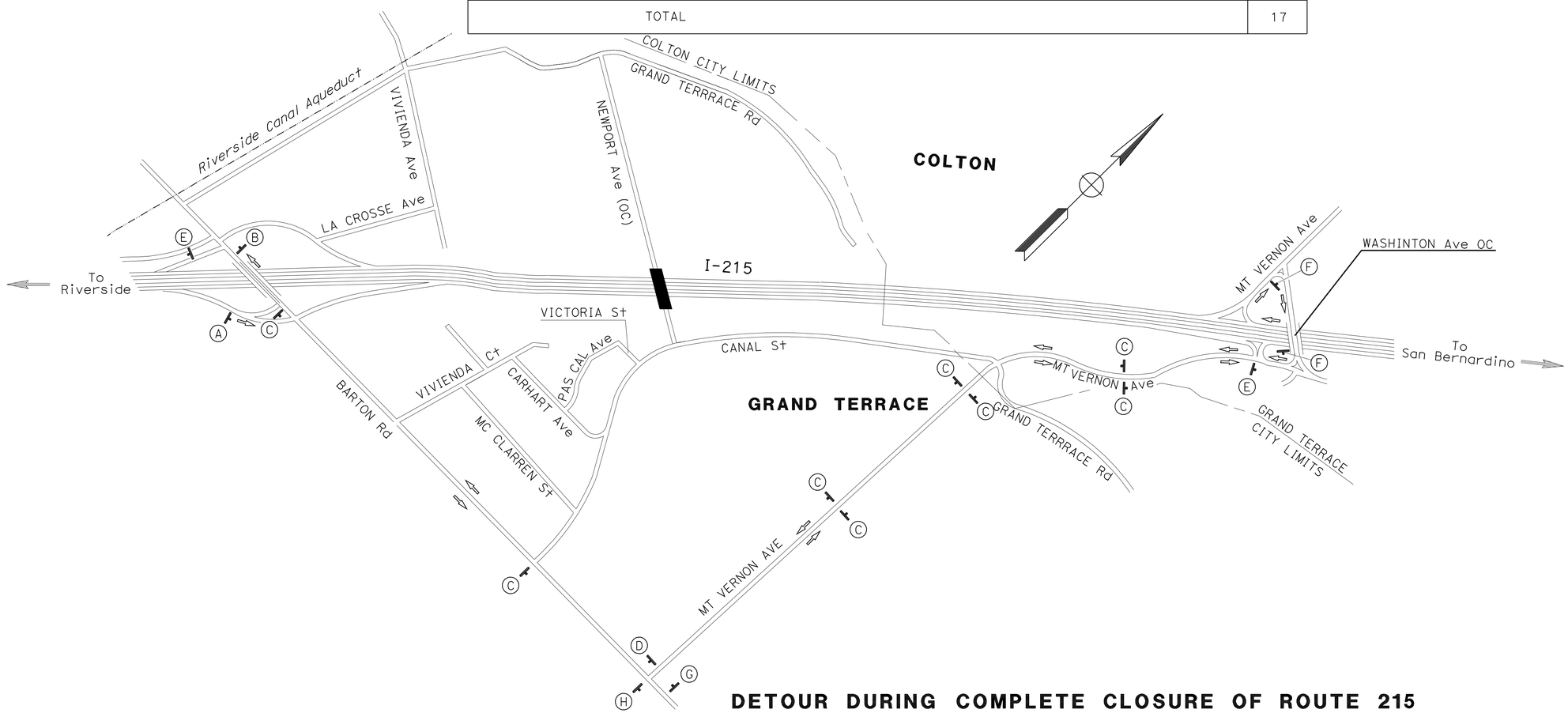
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LEGEND:

- CONSTRUCTION AREA SIGN (ONE POST)
- (X) CONSTRUCTION AREA SIGN LETTER
- DIRECTION OF DETOUR
- CONSTRUCTION AREA

CONSTRUCTION AREA SIGNS

SIGN NO.	SIGN CODE FEDERAL	SIGN CODE CALIFORNIA	PANEL SIZE (in)	SIGN MESSAGE	NO. OF POST AND SIZE	NO. OF SIGNS
(A)	M6-2 M3-1 M4-8	G27-2	24" x 24" 21" x 15" 24" x 12" 24" x 12"	215 SHIELD ARROW NORTH DETOUR	1 - 4" x 6"	1
(B)	M4-10(LT) M3-4	G27-2	48" x 18" 24" x 24" 24" x 12"	DETOUR (LEFT) 215 SHIELD SOUTH INTERSTATE	1 - 6" x 6"	1
(C)		SC3 G27-2	48" x 18" 24" x 24"	DETOUR (STRAIGHT ARROW) 215 SHIELD	1 - 4" x 6"	8
(D)	M4-10(RT) M3-4	G27-2	48" x 18" 24" x 24" 24" x 12"	DETOUR (RIGHT) 215 SHIELD SOUTH INTERSTATE	1 - 6" x 6"	1
(E)	M4-8A		24" x 18"	END DETOUR	1 - 4" x 6"	2
(F)	M6-2 M3-1 M4-8	G27-2	24" x 24" 21" x 15" 24" x 12" 24" x 12"	215 SHIELD ARROW SOUTH DETOUR	1 - 4" x 6"	2
(G)	M4-10(RT) M3-4	G27-2	48" x 18" 24" x 24" 24" x 12"	DETOUR (RIGHT) 215 SHIELD NORTH INTERSTATE	1 - 6" x 6"	1
(H)	M4-10(LT) M3-4	G27-2	48" x 18" 24" x 24" 24" x 12"	DETOUR (LEFT) 215 SHIELD NORTH INTERSTATE	1 - 6" x 6"	1
TOTAL						17



DETOUR DURING COMPLETE CLOSURE OF ROUTE 215

APPROVED FOR DETOUR CONSTRUCTION WORK ONLY

DETOUR PLAN

NO SCALE

DE-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA

REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:31

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	539	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

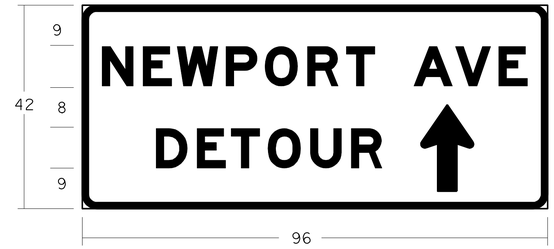
REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

CONSTRUCTION AREA SIGNS

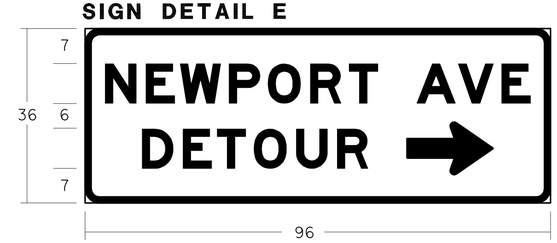
SIGN NO.	SIGN CODE	PANEL SIZE (in)	SIGN MESSAGE	NO. OF POST AND SIZE	NO. OF SIGNS
A	W20-2	48" x 48"	DETOUR AHEAD	1 - 6"x 6"	4
B	C-SPECIAL	96" x 42"	NEWPORT AVE DETOUR (STRAIGHT ARROW)	2 - 6" x 6"	4
C	SC3(CA)	48" x 18"	DETOUR (STRAIGHT ARROW)	1 - 4" x 6"	4
D	M4-10(RT)	48" x 18"	DETOUR (RIGHT ARROW)	1 - 4" x 6"	1
E	C-SPECIAL	96" x 36"	NEWPORT AVE DETOUR (RIGHT ARROW)	2 - 4" x 6"	1
F	M4-8A	24" x 18"	END DETOUR	1 - 4" x 4"	2
G	M4-10(LT)	48" x 18"	DETOUR (LEFT ARROW)	1 - 4" x 6"	1
H	C-SPECIAL	96" x 36"	NEWPORT AVE DETOUR (LEFT ARROW)	2 - 4" x 6"	1
TOTAL					18

SIGN DETAIL B



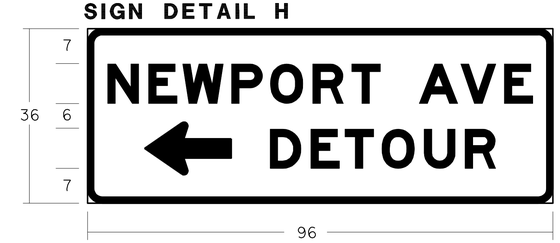
3.0" Radius, 1.3" Border, Black on Orange;
[NEWPORT AVE] 8E Mod;
[DETOUR] 8E Mod;
Standard Arrow Custom 17.9" X 10.9" 90°;

SIGN DETAIL E

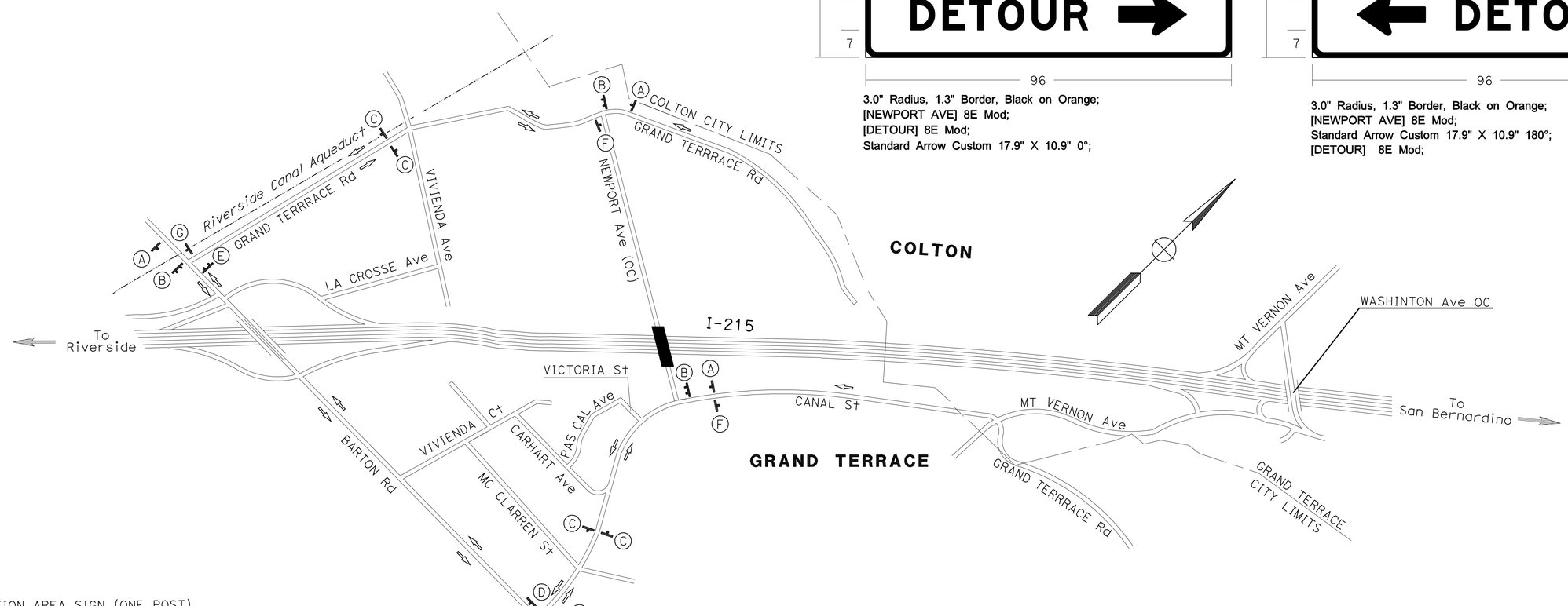


3.0" Radius, 1.3" Border, Black on Orange;
[NEWPORT AVE] 8E Mod;
[DETOUR] 8E Mod;
Standard Arrow Custom 17.9" X 10.9" 0°;

SIGN DETAIL H



3.0" Radius, 1.3" Border, Black on Orange;
[NEWPORT AVE] 8E Mod;
Standard Arrow Custom 17.9" X 10.9" 180°;
[DETOUR] 8E Mod;



LEGEND:

- CONSTRUCTION AREA SIGN (ONE POST)
- CONSTRUCTION AREA SIGN (TWO POST)
- (X) CONSTRUCTION AREA SIGN LETTER
- DIRECTION OF DETOUR
- CONSTRUCTION AREA

DETOUR DURING CLOSURE OF NEWPORT AVENUE OC

DETOUR PLAN

NO SCALE

DE-2

APPROVED FOR DETOUR CONSTRUCTION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:31

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	540	1743

REGISTERED CIVIL ENGINEER 2-10-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

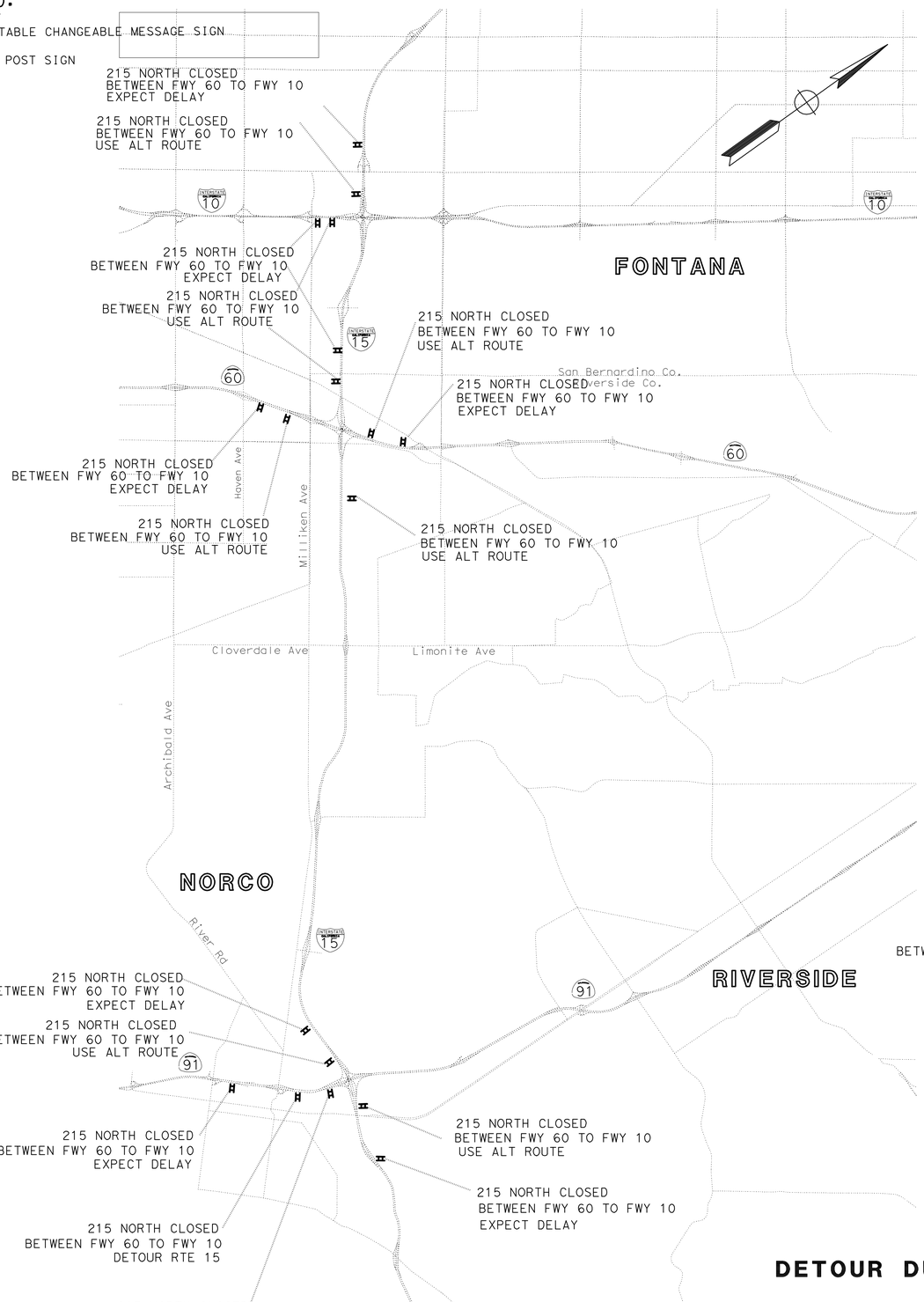
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

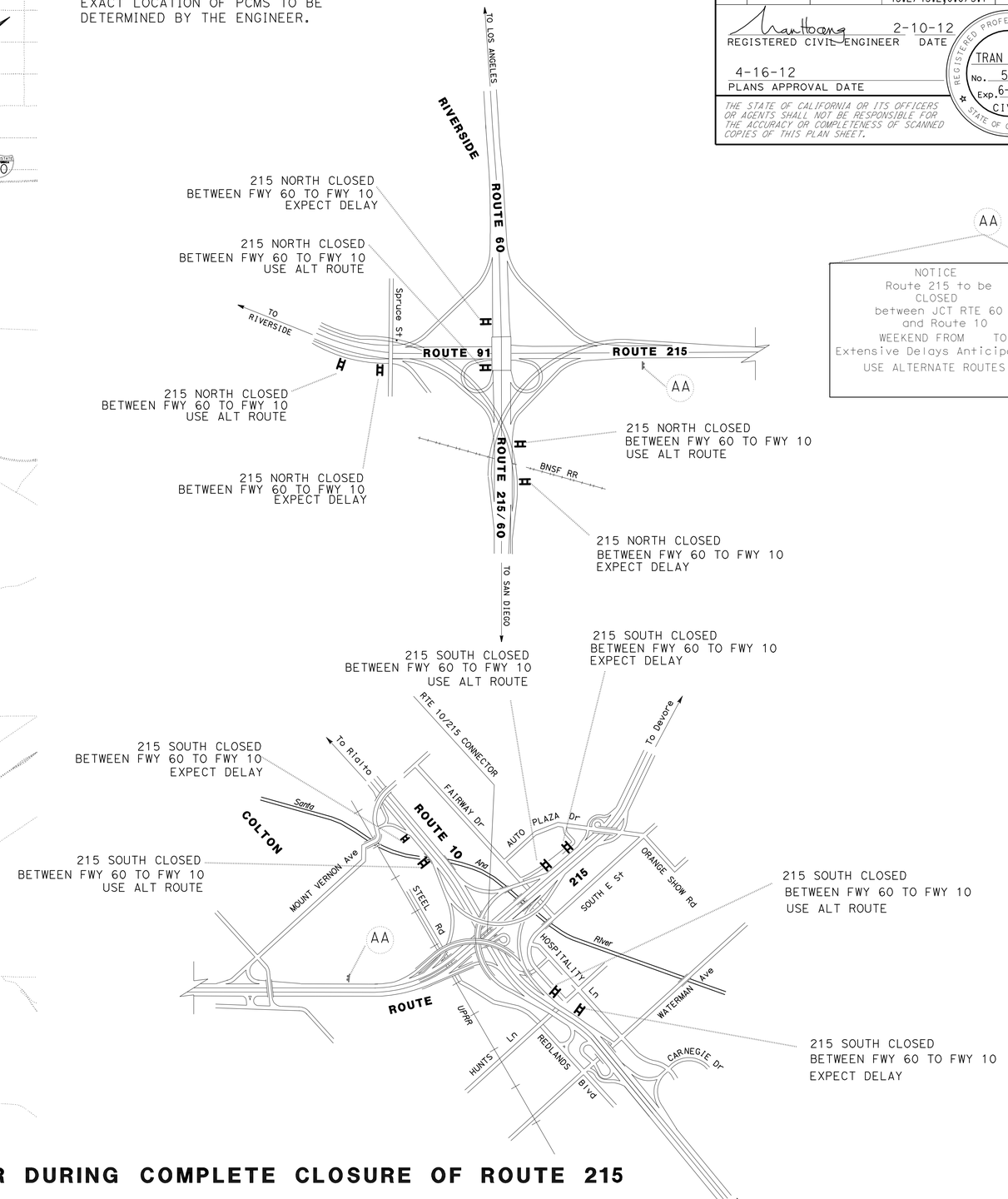
LEGEND:

- PORTABLE CHANGEABLE MESSAGE SIGN
- TWO POST SIGN

NOTE:

EXACT LOCATION OF PCMS TO BE DETERMINED BY THE ENGINEER.





NOTICE
Route 215 to be CLOSED
between JCT RTE 60 and Route 10
WEEKEND FROM TO
Extensive Delays Anticipated
USE ALTERNATE ROUTES

DETOUR DURING COMPLETE CLOSURE OF ROUTE 215

APPROVED FOR DETOUR CONSTRUCTION WORK ONLY

DETOUR PLAN

NO SCALE

DE-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 02-10-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:31

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	541	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

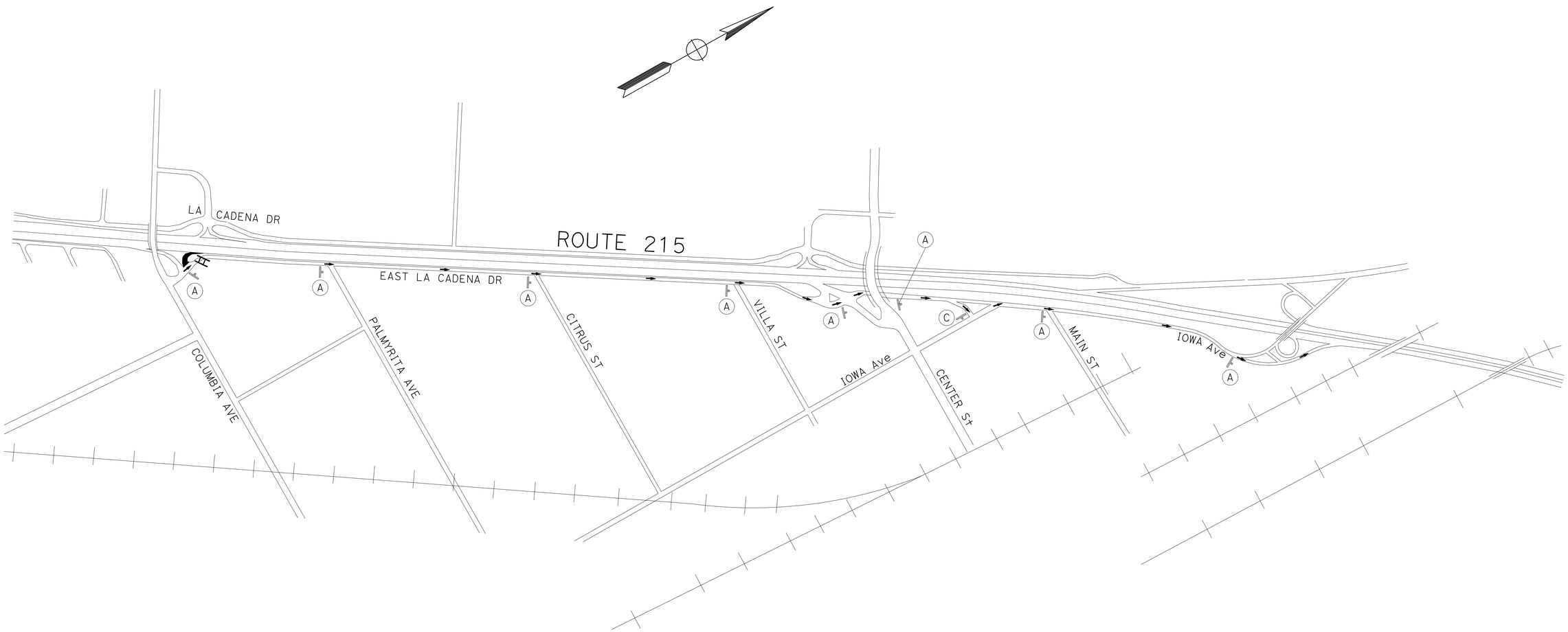
4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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

LEGEND:

- CONSTRUCTION AREA SIGN (ONE POST)
- (X) CONSTRUCTION AREA SIGN LETTER
- DIRECTION OF DETOUR
- CONSTRUCTION AREA
- PCMS



DETOUR DURING COLUMBIA NB ON-RAMP CLOSURE

APPROVED FOR DETOUR CONSTRUCTION WORK ONLY

DETOUR PLAN

NO SCALE

DE-4

REVISED BY | DATE REVISED

TRAN HOANG | HORMUZD SETHNA

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® **TRAFFIC DESIGN**

LAST REVISION 01-02-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:31

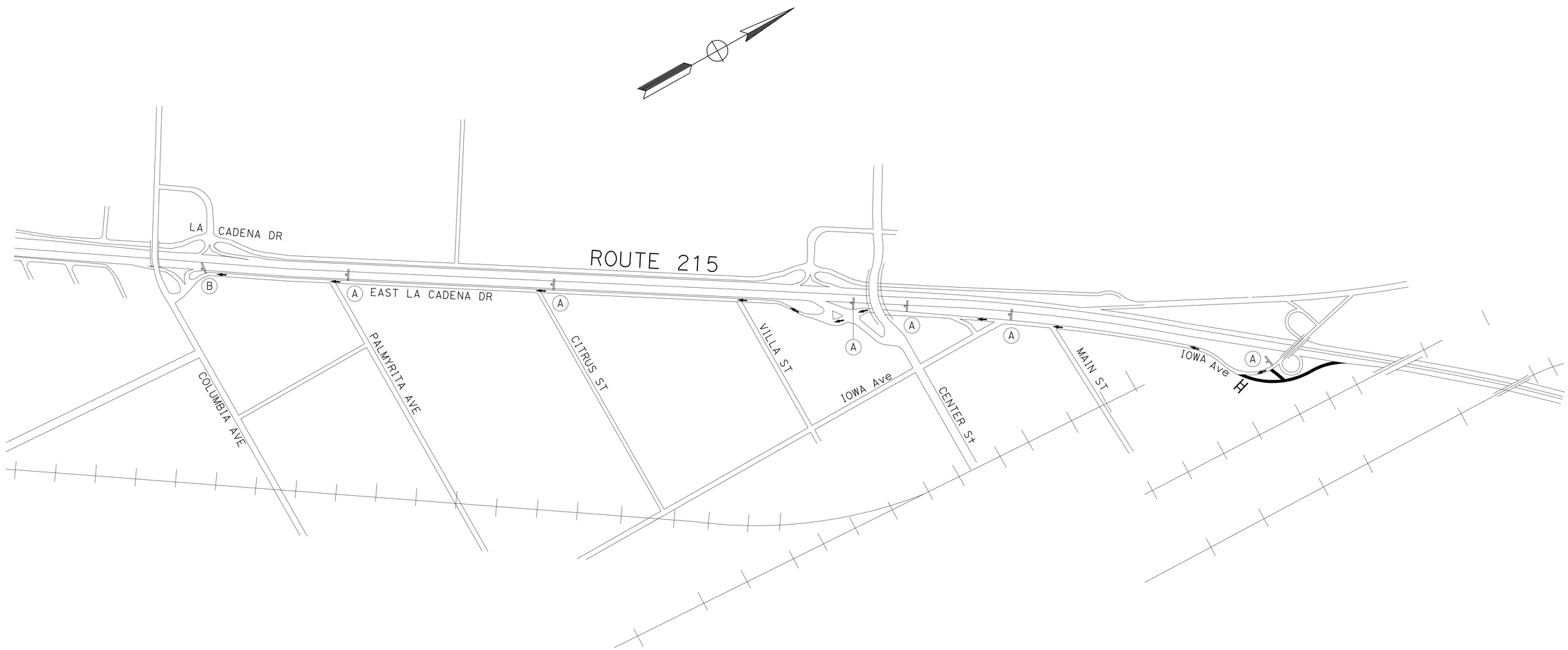
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	542	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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



DETOUR DURING IOWA NB ON-RAMP CLOSURE

DETOUR PLAN

NO SCALE

DE-5

APPROVED FOR DETOUR CONSTRUCTION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:32

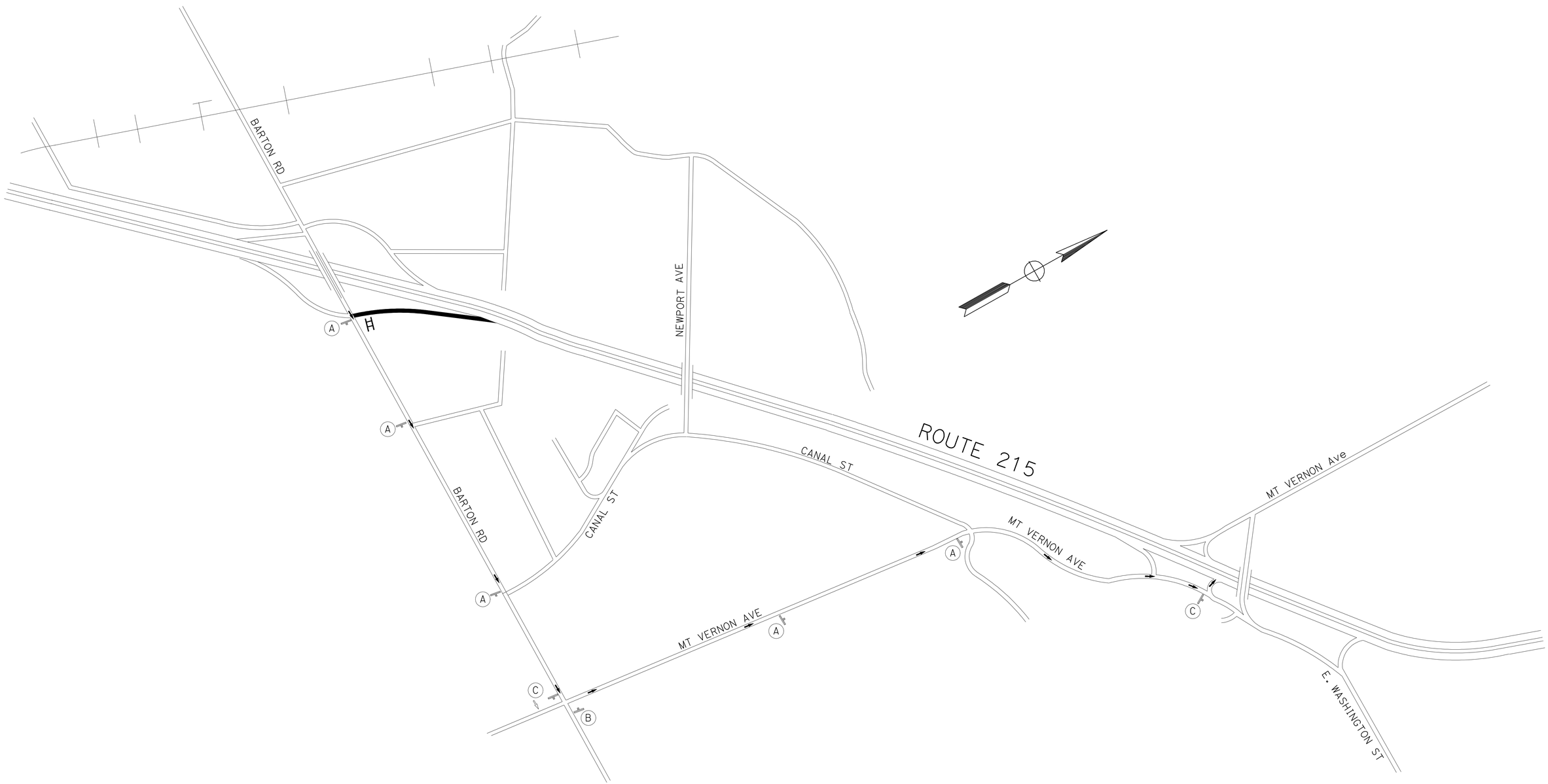
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	543	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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



DETOUR DURING BARTON NB ON-RAMP CLOSURE

DETOUR PLAN

NO SCALE

DE-6

APPROVED FOR DETOUR CONSTRUCTION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA

REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:32

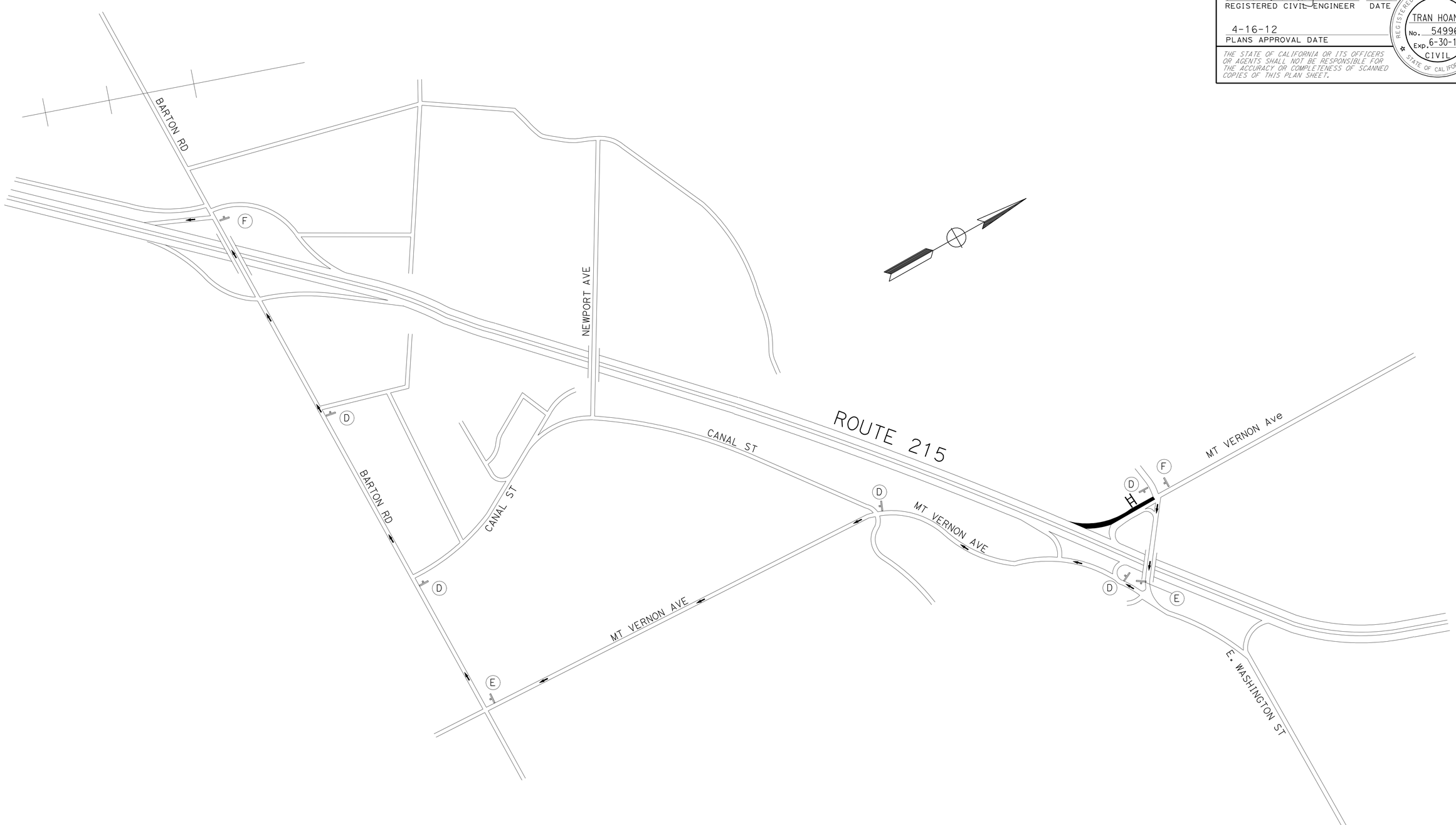
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	544	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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



DETOUR DURING WASHINGTON AND MT VERNON SB ON-RAMP CLOSURE

DETOUR PLAN

NO SCALE

DE-7

APPROVED FOR DETOUR CONSTRUCTION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:32

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	545	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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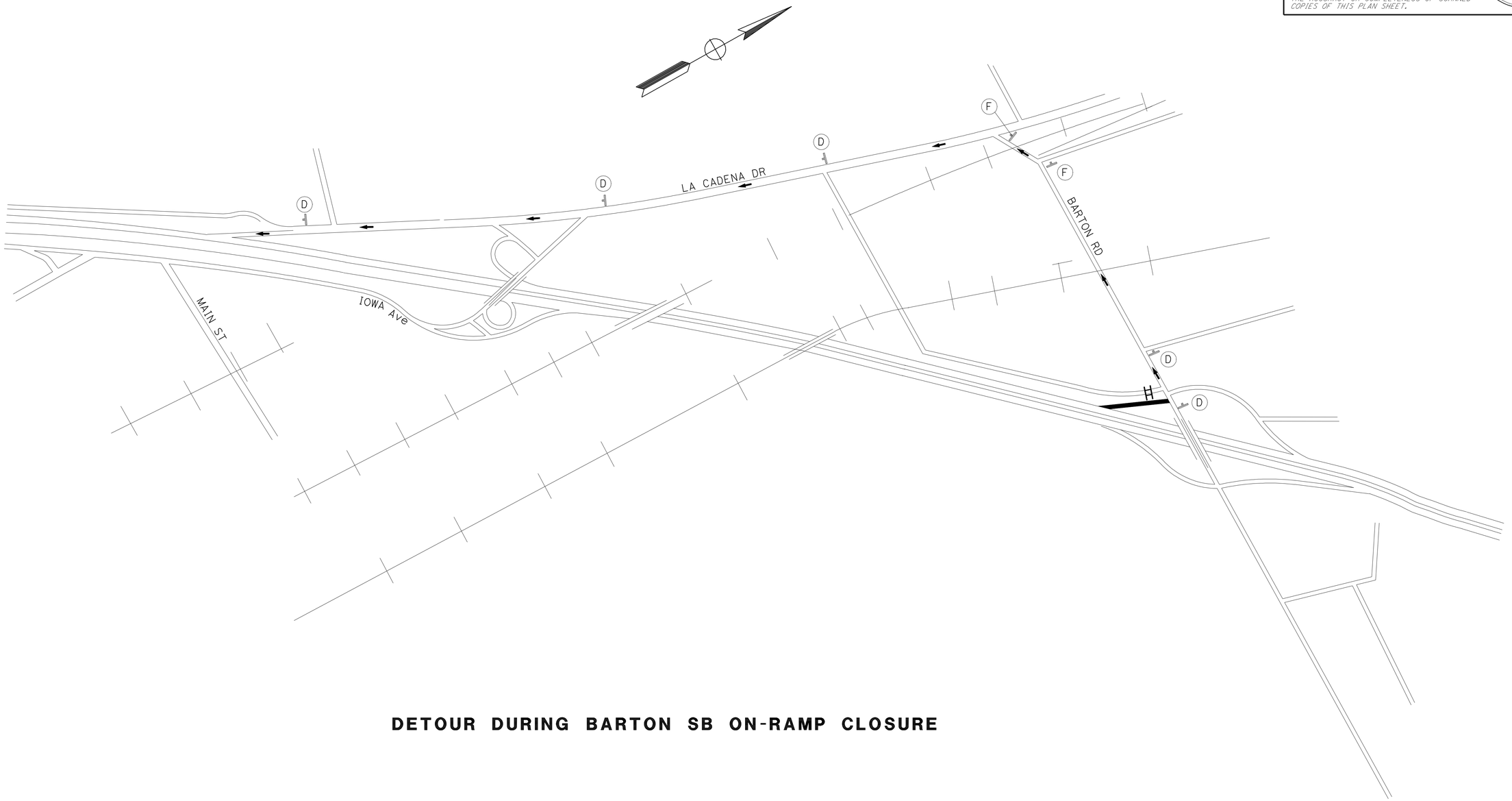

DETOUR DURING BARTON SB ON-RAMP CLOSURE

DETOUR PLAN

NO SCALE

DE-8

APPROVED FOR DETOUR CONSTRUCTION WORK ONLY

REVISED BY | DATE REVISED

TRAN HOANG | HORMUZD SETHNA

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR

WILLIAM E. WASSER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® TRAFFIC DESIGN

LAST REVISION 01-02-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:32

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	546	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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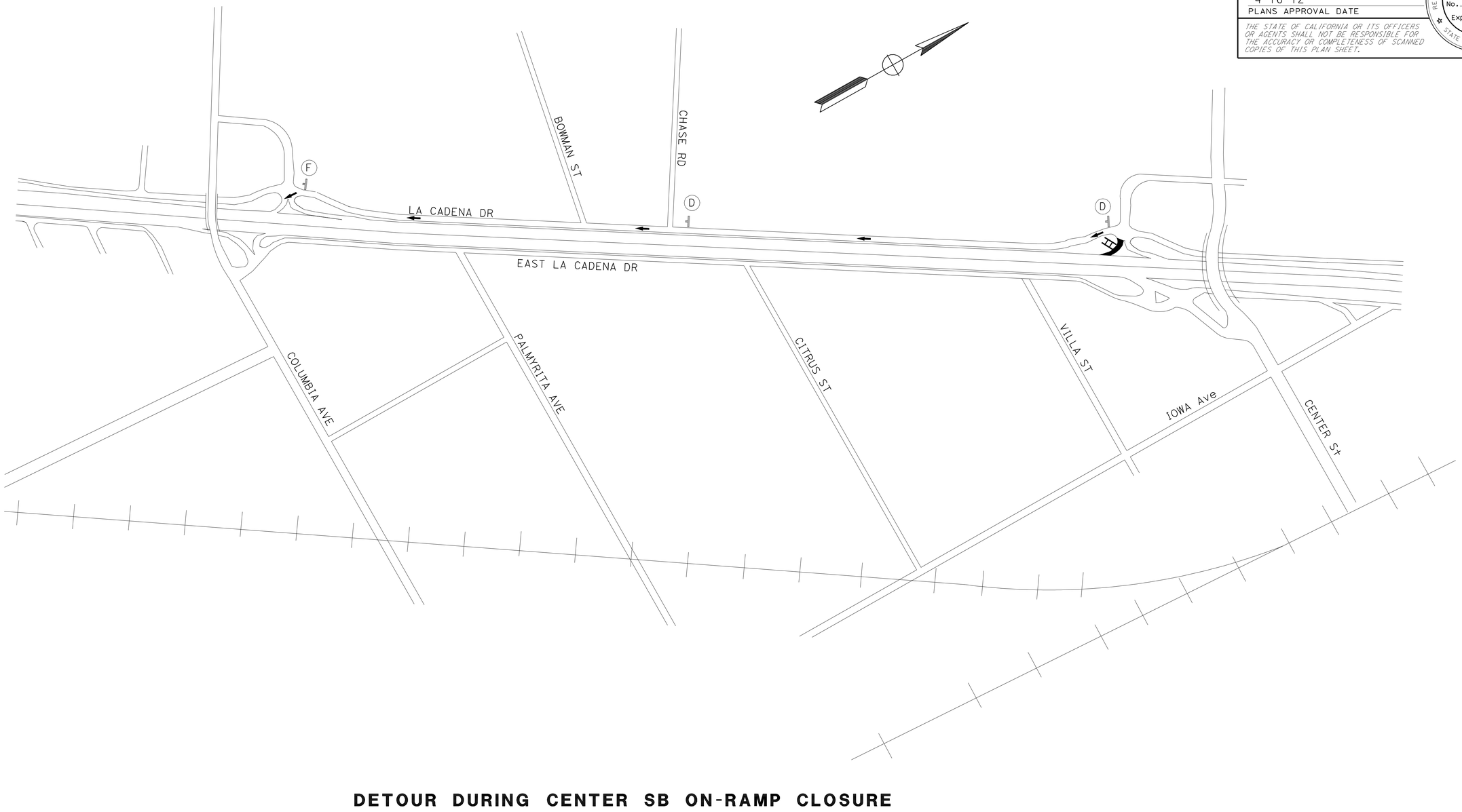

DETOUR DURING CENTER SB ON-RAMP CLOSURE

DETOUR PLAN

NO SCALE

DE-9

APPROVED FOR DETOUR CONSTRUCTION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA

REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:32

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	547	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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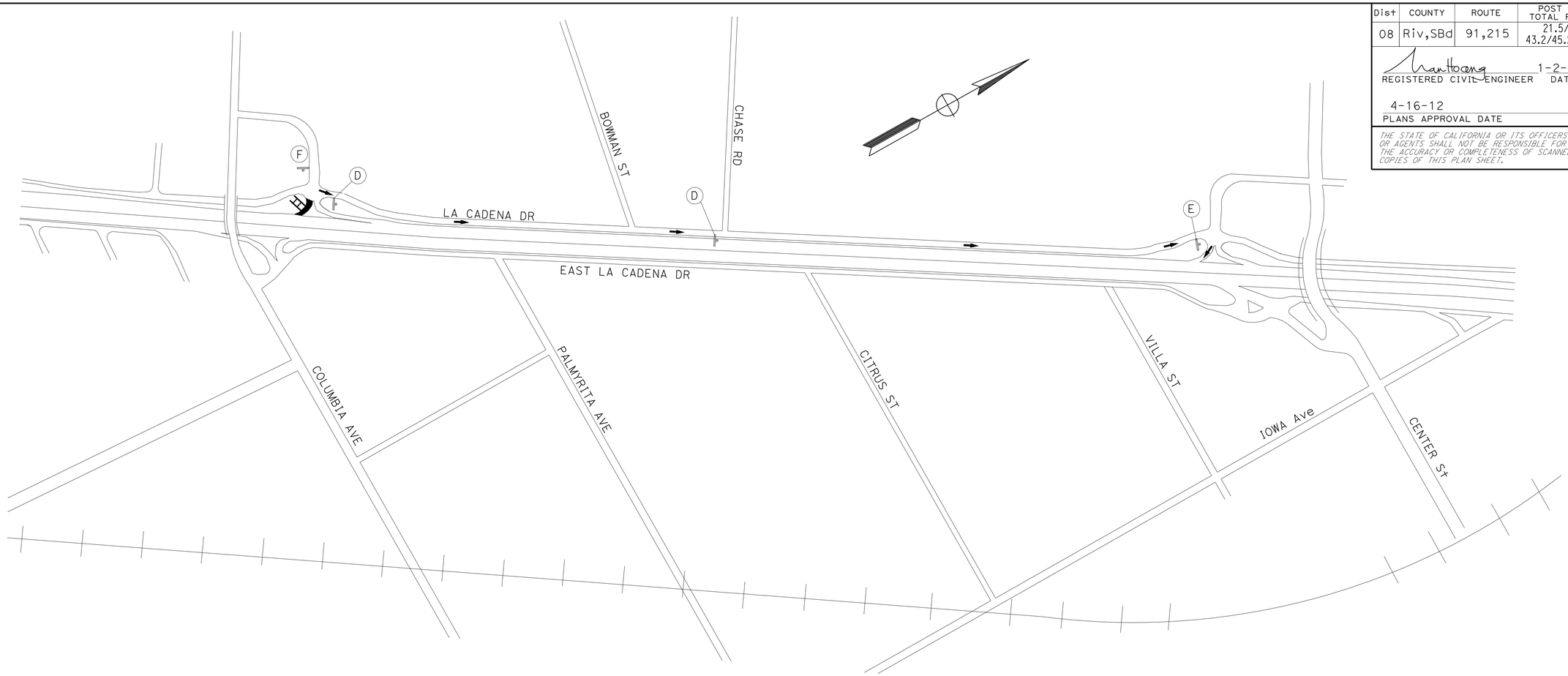


DETOUR DURING COLUMBIA SB ON-RAMP CLOSURE

CONSTRUCTION AREA SIGNS

SIGN NO.	SIGN CODE FEDERAL	SIGN CODE CALIFORNIA	PANEL SIZE (in)	SIGN MESSAGE	NO. OF POST AND SIZE	NO. OF SIGNS
A	M3-1	SC3 G27-2	48" x 18" 30" x 25" 24" x 12"	DETOUR (STRAIGHT ARROW) 215 SHIELD NORTH INTERSTATE	1 - 6" x 6"	19
B	M4-10(RT) M3-1	G27-2	48" x 18" 30" x 25" 24" x 12"	DETOUR (RIGHT) 215 SHIELD NORTH INTERSTATE	1 - 6" x 6"	2
C	M4-10(LT) M3-1	G27-2	48" x 18" 30" x 25" 24" x 12"	DETOUR (LEFT) 215 SHIELD NORTH INTERSTATE	1 - 6" x 6"	3
D	M3-3	SC3 G27-2	30" x 25" 24" x 12"	DETOUR (STRAIGHT ARROW) 215 SHIELD SOUTH INTERSTATE	1 - 6" x 6"	14
E	M4-10(RT) M3-3	G27-2	48" x 18" 30" x 25" 24" x 12"	DETOUR (RIGHT) 215 SHIELD SOUTH INTERSTATE	1 - 6" x 6"	3
F	M4-10(LT) M3-3	G27-2	48" x 18" 30" x 25" 24" x 12"	DETOUR (LEFT) 215 SHIELD SOUTH INTERSTATE	1 - 6" x 6"	6
TOTAL						47

APPROVED FOR DETOUR CONSTRUCTION WORK ONLY

DETOUR PLAN
NO SCALE
DE-10

REVISED BY | DATE REVISED
TRAN HOANG | HORMUZD SETHNA
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
WILLIAM E. WASSER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

LAST REVISION 01-02-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:32

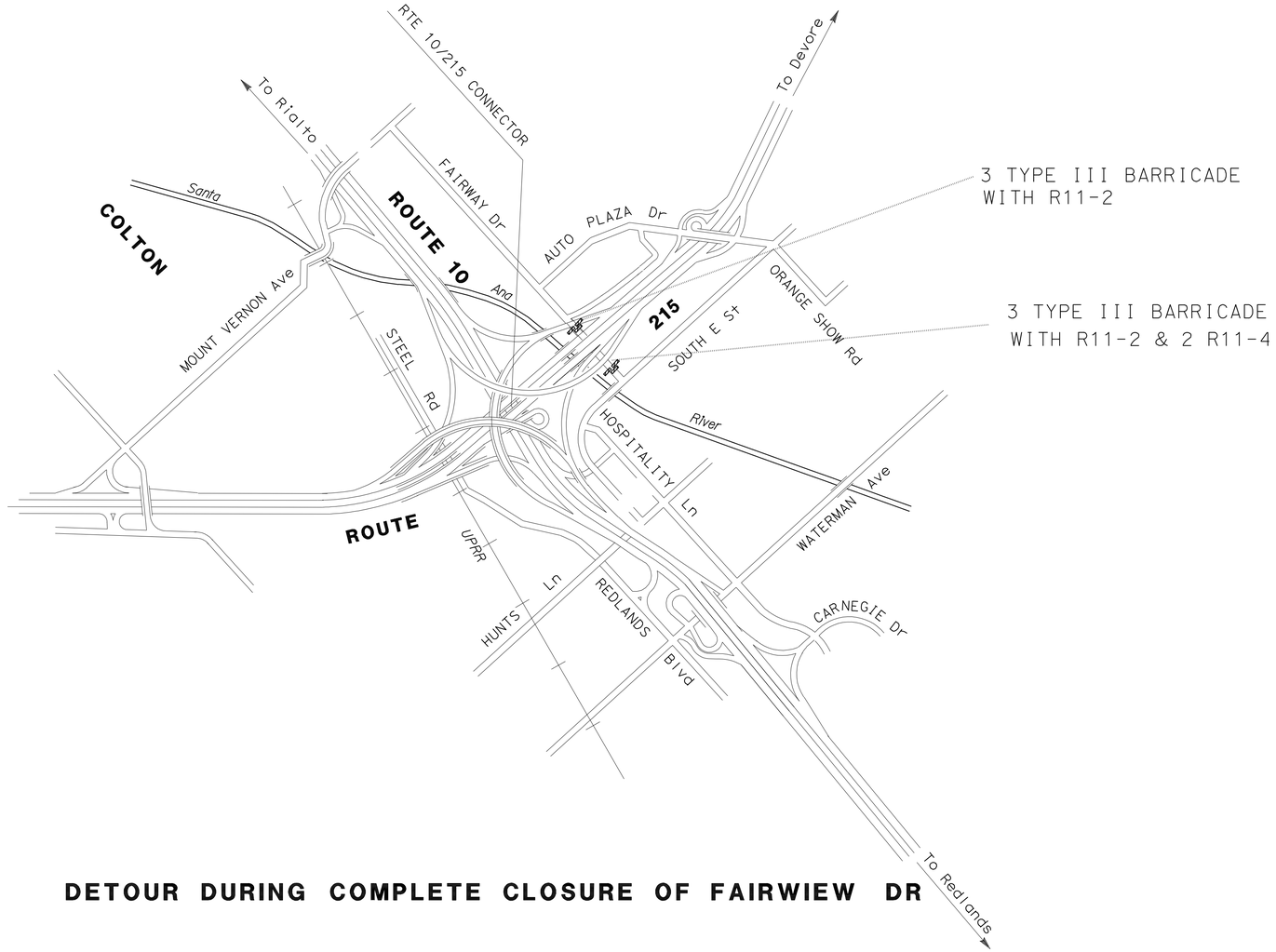
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	548	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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



3 TYPE III BARRICADE WITH R11-2

3 TYPE III BARRICADE WITH R11-2 & 2 R11-4

DETOUR DURING COMPLETE CLOSURE OF FAIRWIEW DR

APPROVED FOR DETOUR CONSTRUCTION WORK ONLY

DETOUR PLAN

NO SCALE

DE-11

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA

REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:32

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	549	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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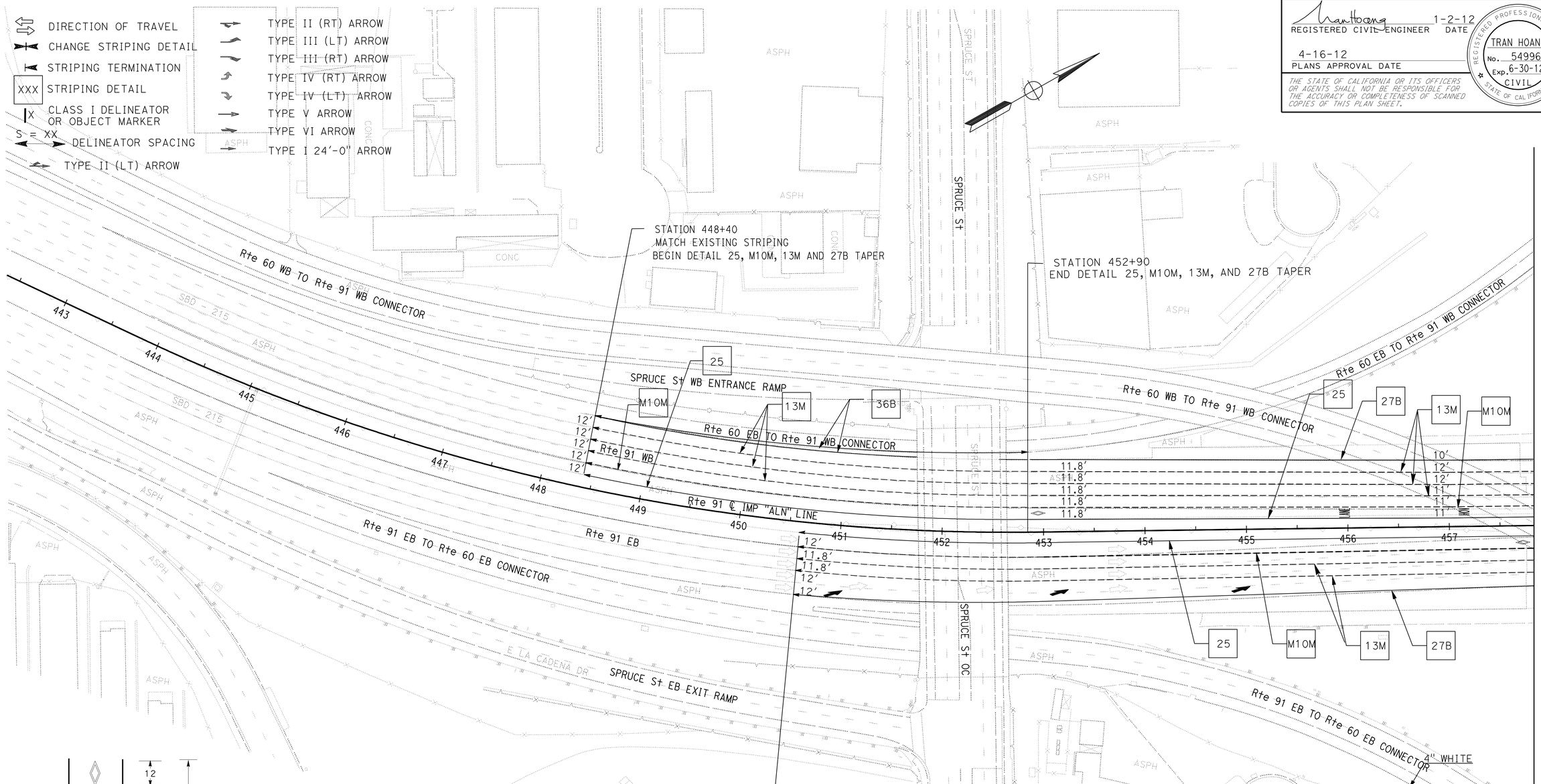
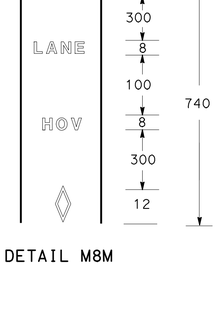
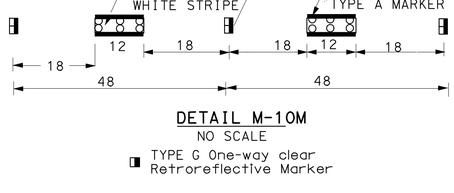
DIRECTION OF TRAVEL
CHANGE STRIPING DETAIL
STRIPING TERMINATION
XXX STRIPING DETAIL
X CLASS I DELINEATOR OR OBJECT MARKER
S = XX DELINEATOR SPACING
TYPE II (LT) ARROW
TYPE II (RT) ARROW
TYPE III (LT) ARROW
TYPE III (RT) ARROW
TYPE IV (RT) ARROW
TYPE IV (LT) ARROW
TYPE V ARROW
TYPE VI ARROW
TYPE I 24'-0" ARROW

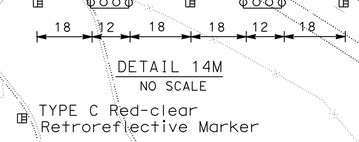




DETAIL M8M



DETAIL M-10M
NO SCALE
TYPE G One-way clear Retroreflective Marker



DETAIL 14M
NO SCALE
TYPE C Red-clear Retroreflective Marker
TYPE A White Non-reflective Marker

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-1

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:32

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	550	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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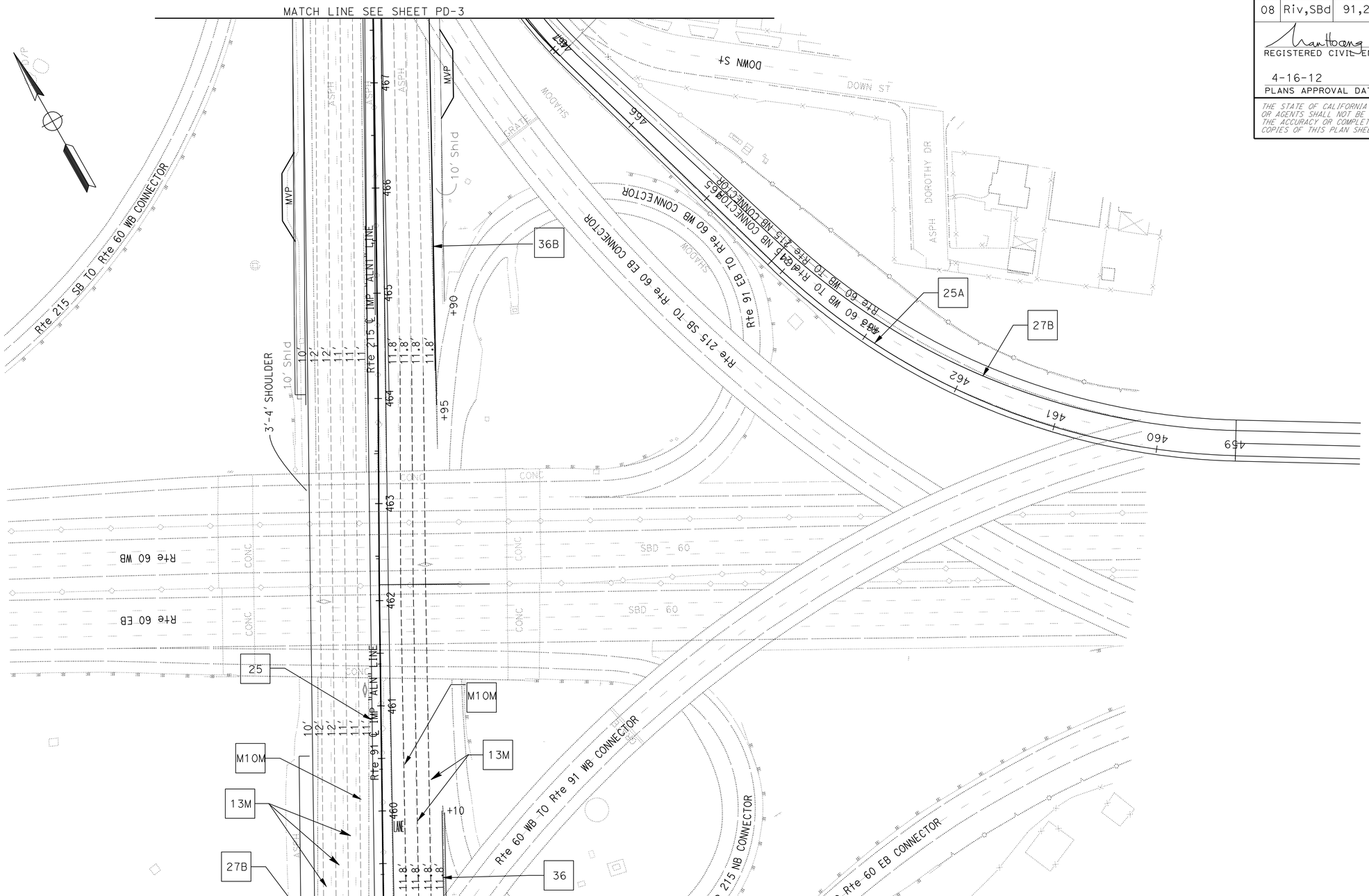

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-2

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:32

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	551	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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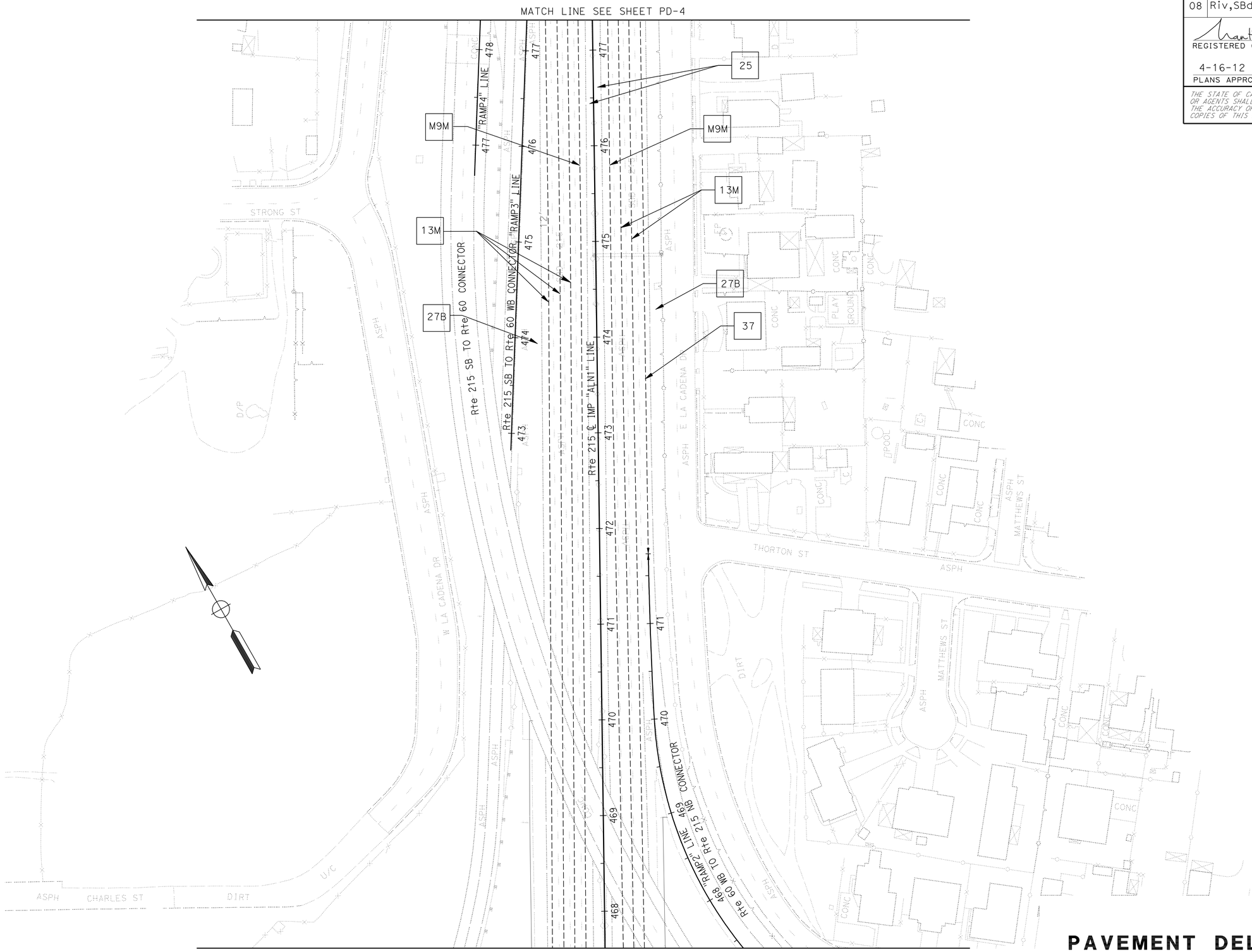

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:32

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	552	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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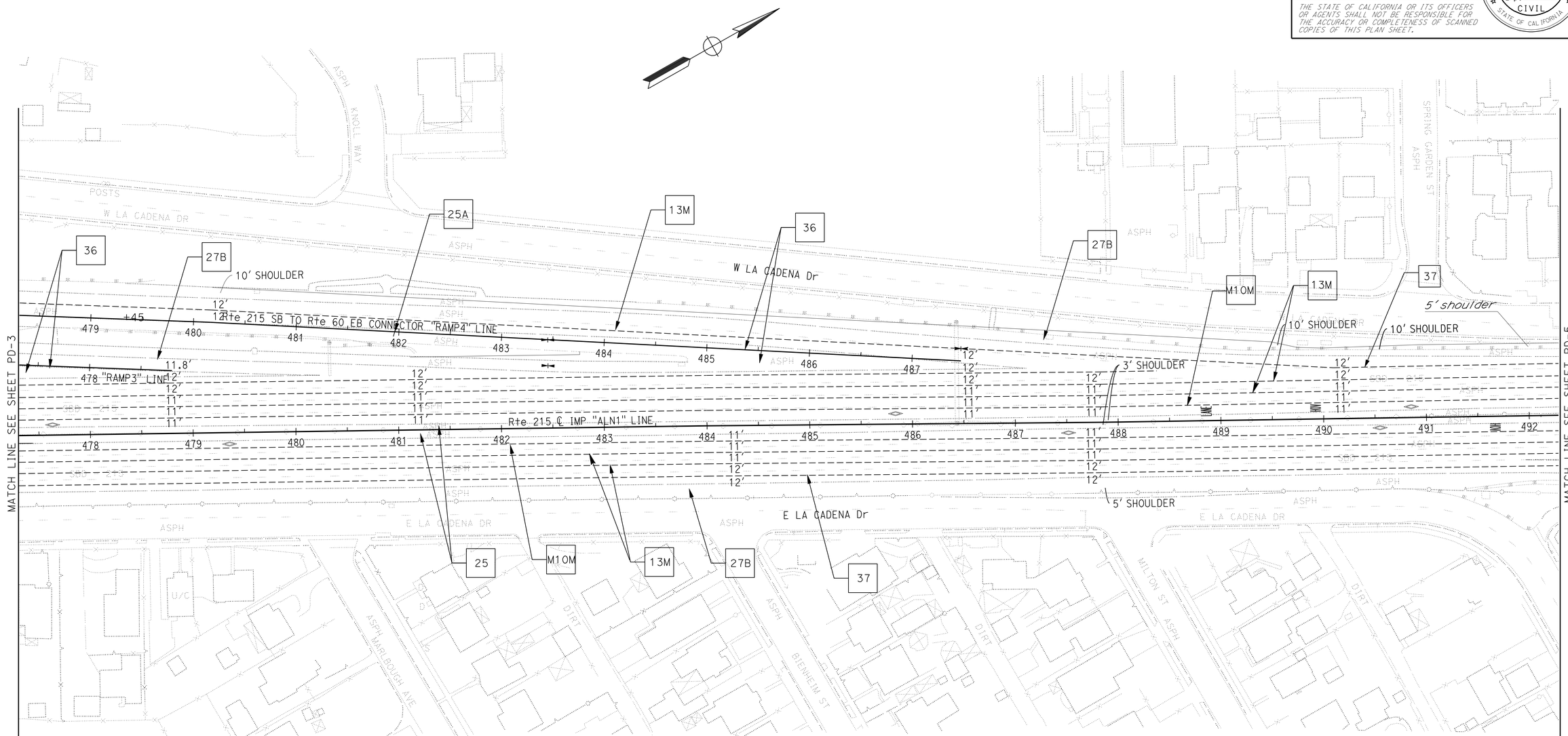

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-4

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:32

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	553	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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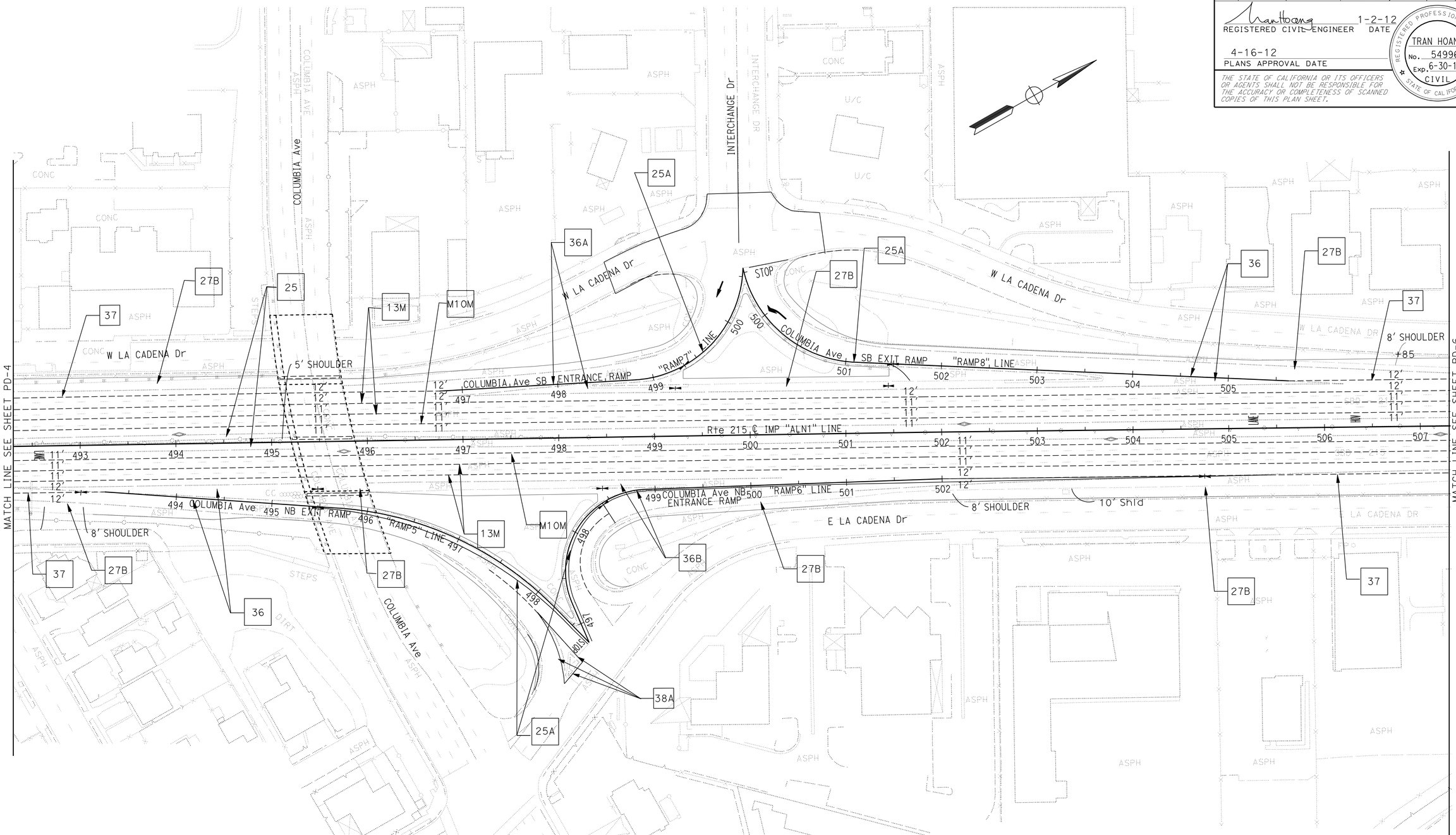

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PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: HORMUZD SETHNA
CHECKED BY: TRAN HOANG
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:33

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	554	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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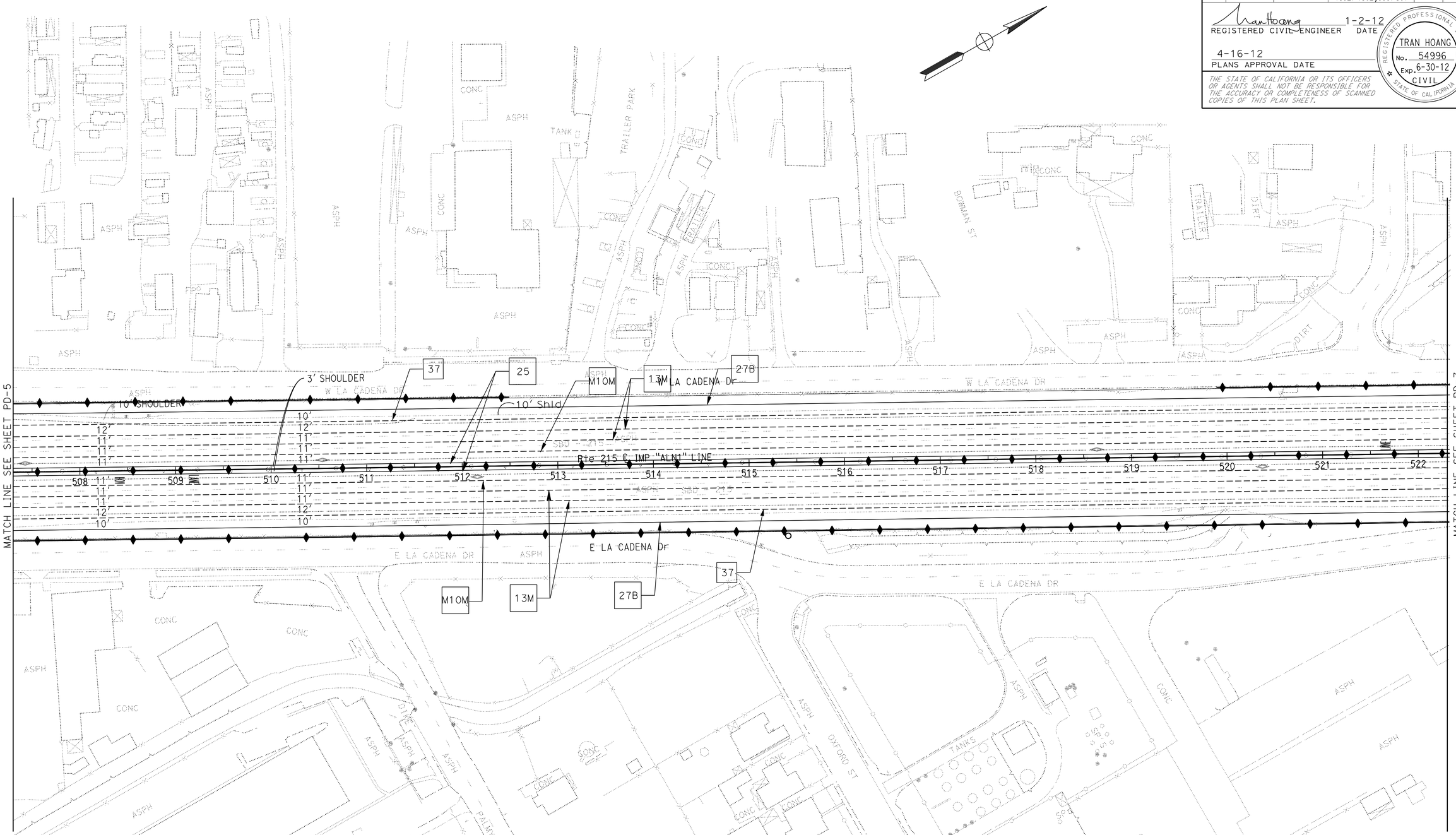

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-6

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA

REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:33

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	555	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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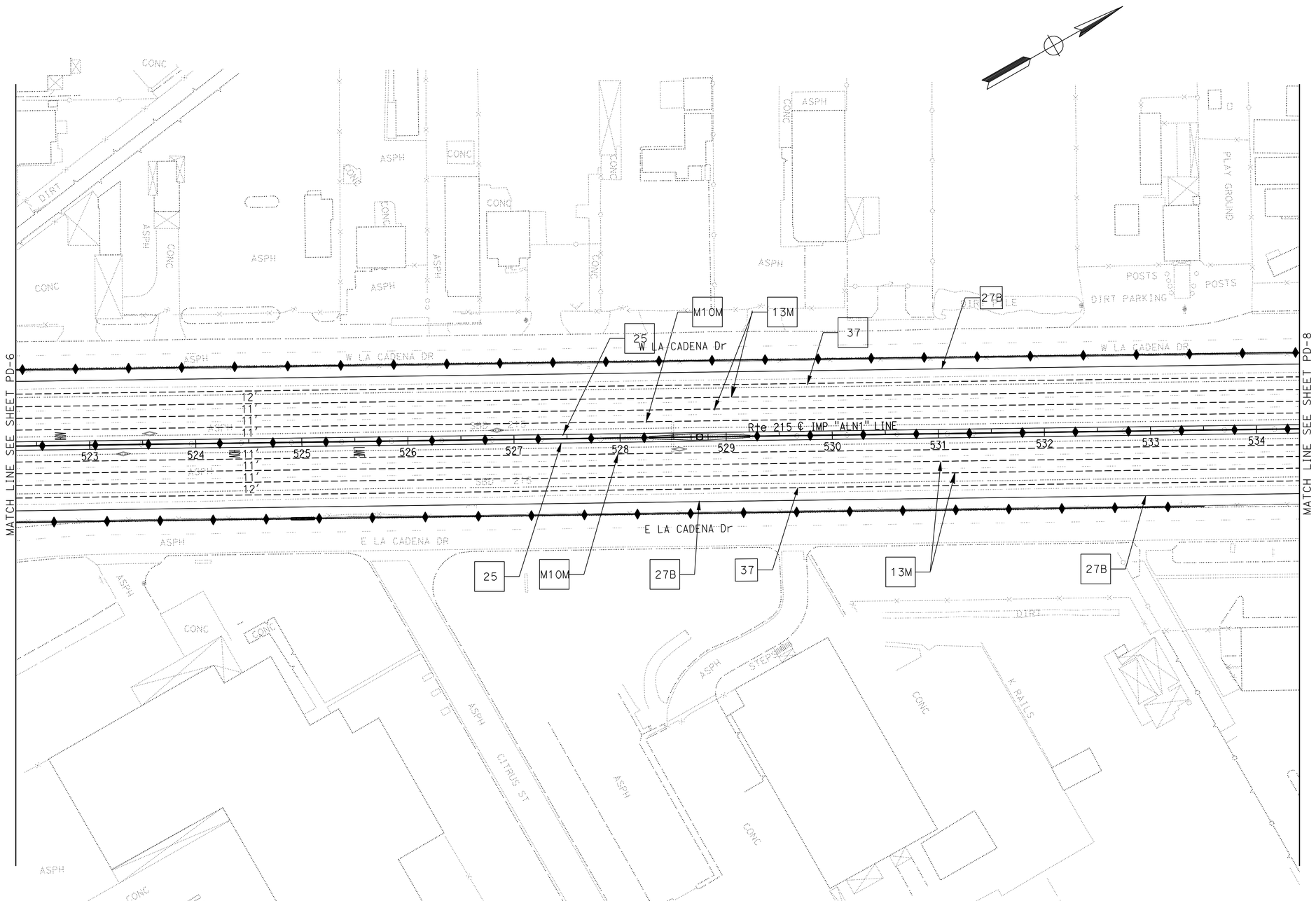

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-7

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:33

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	556	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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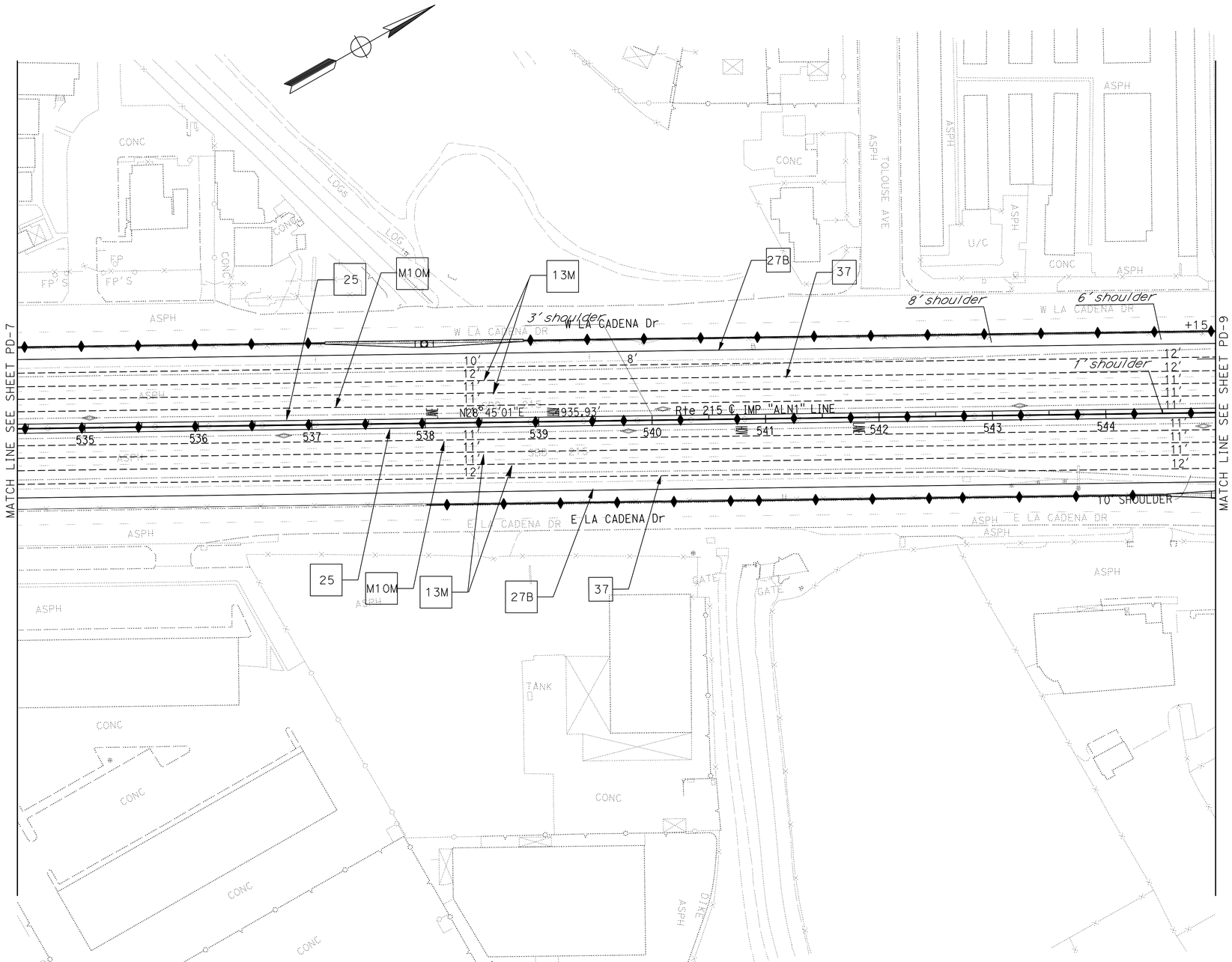

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-8

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA

REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:33

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	557	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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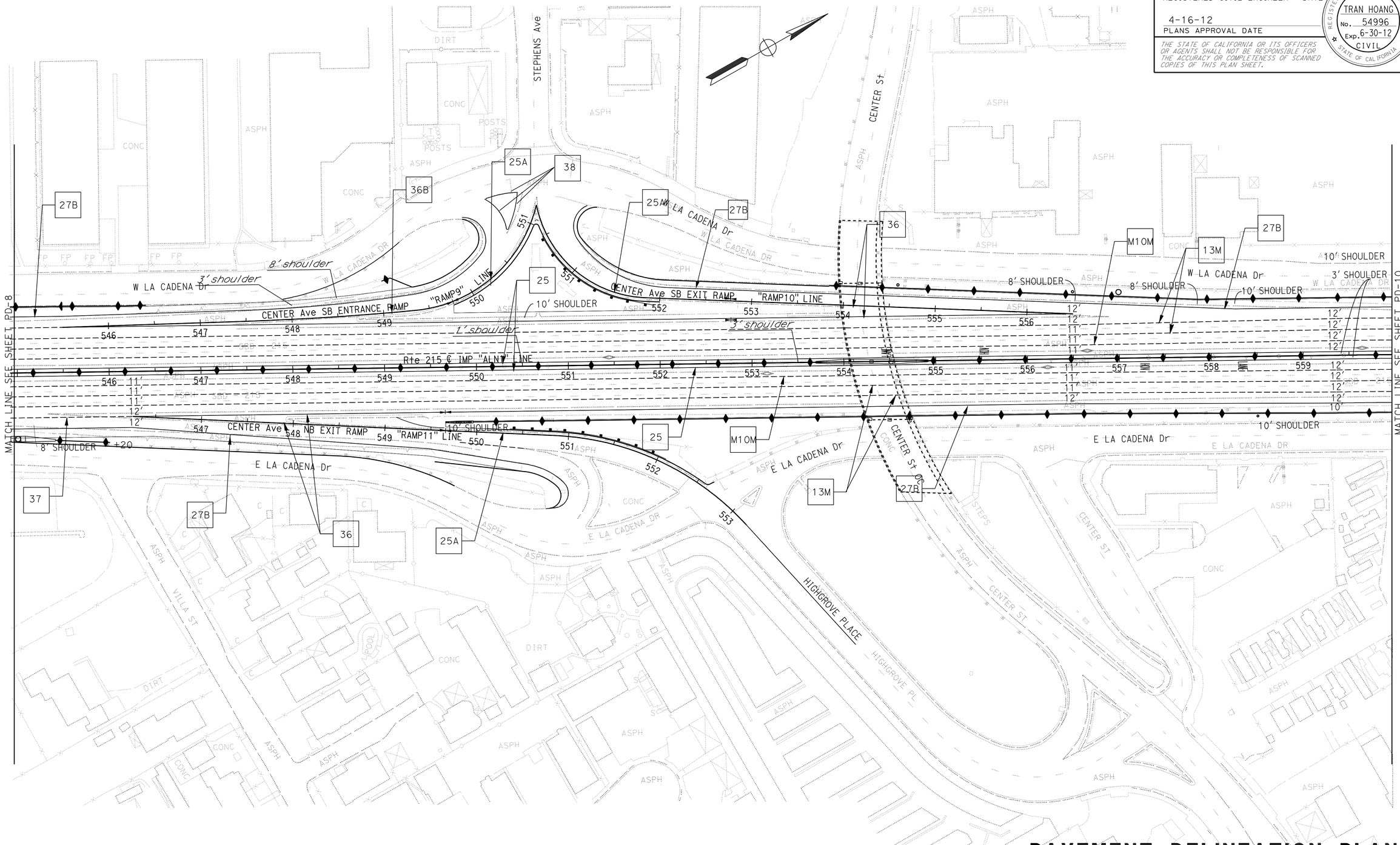

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-9

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA

REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:33

BORDER LAST REVISED 7/2/2010
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DGN FILE => 80m94una009.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 2285
PROJECT NUMBER & PHASE 08000005061

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	558	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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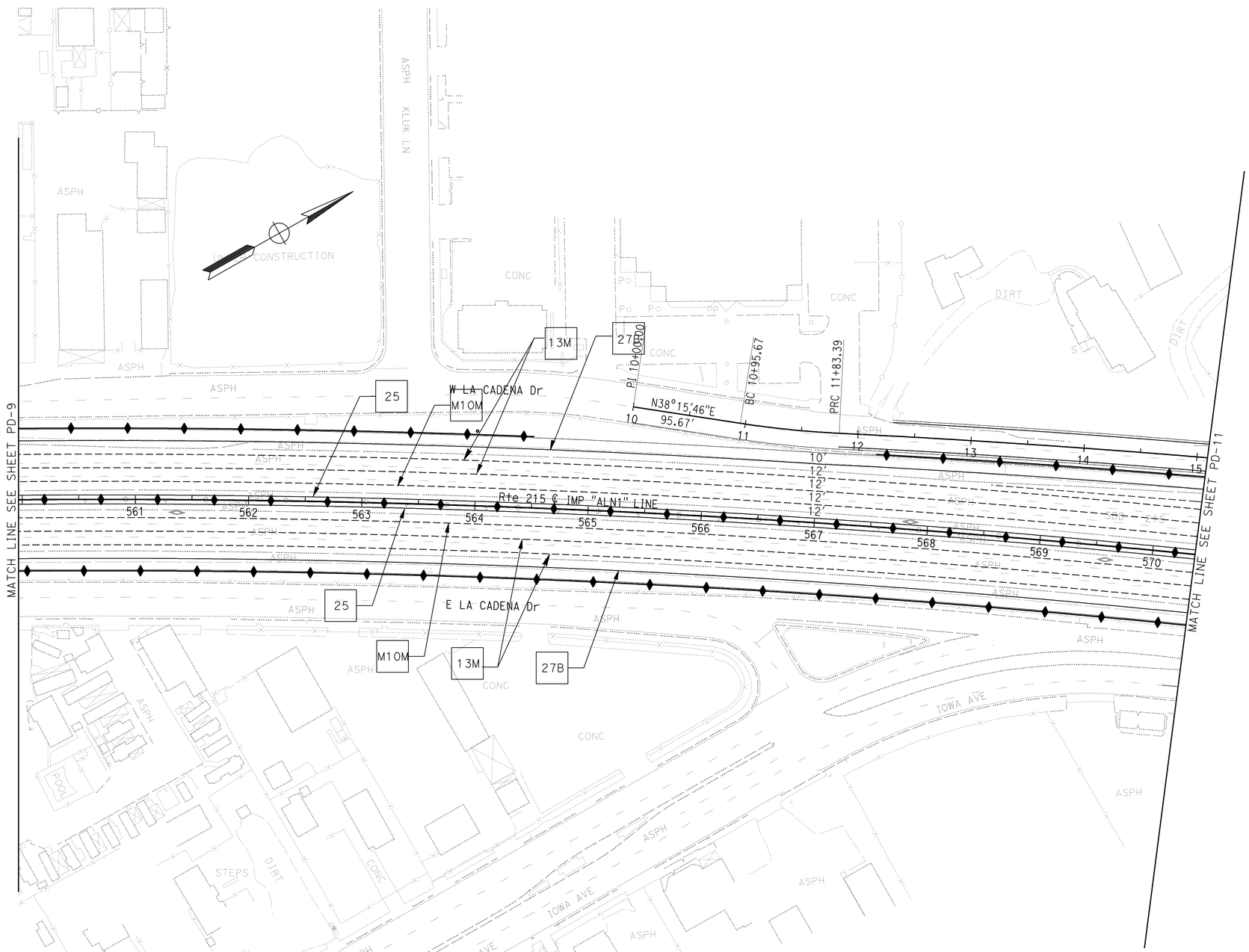

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:33

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	559	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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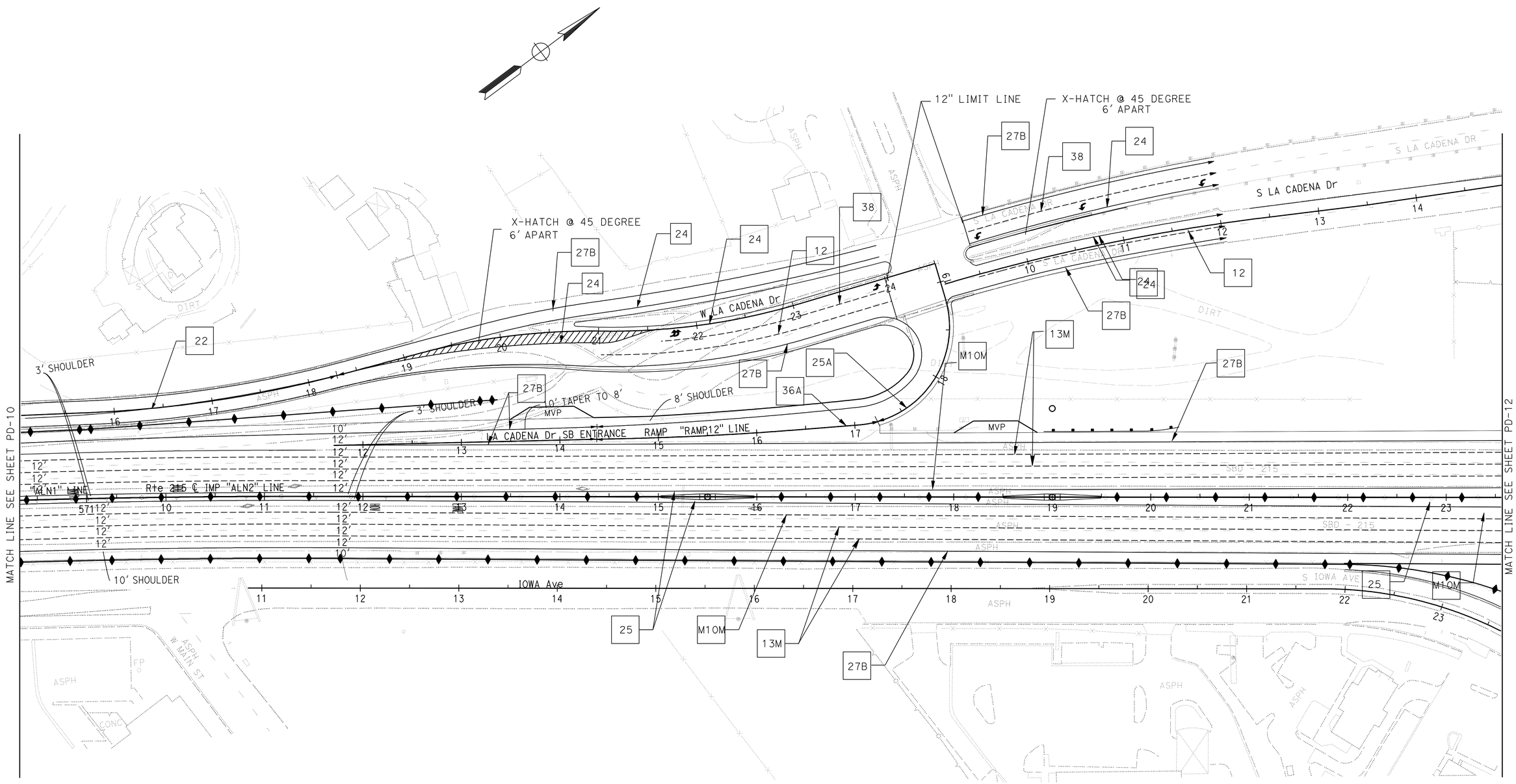

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-11

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:33

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	560	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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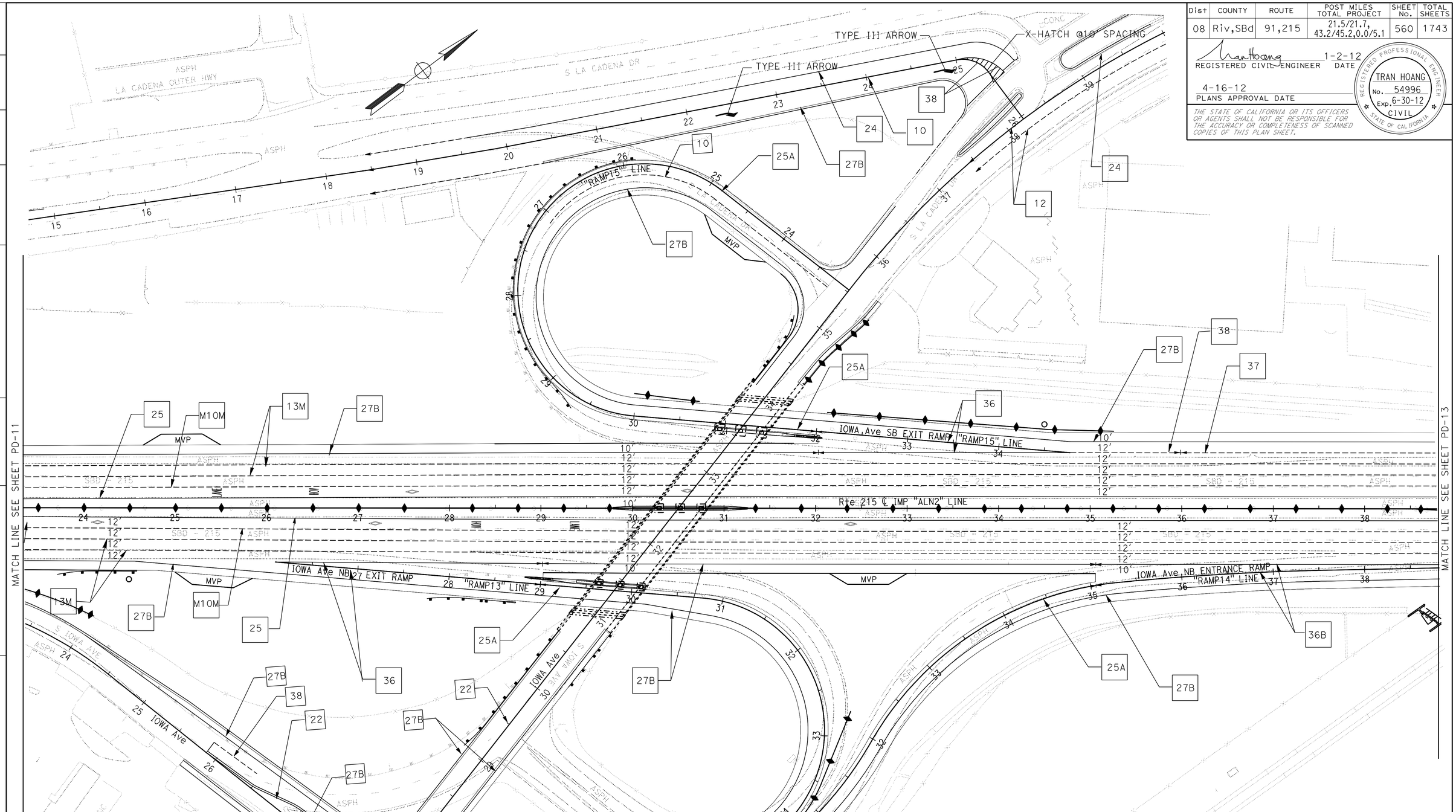

PAVEMENT DELINEATION PLAN

SCALE: 1"=50' **PD-12**

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY / DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 8:34

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	561	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

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TRAN HOANG
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CIVIL
STATE OF CALIFORNIA

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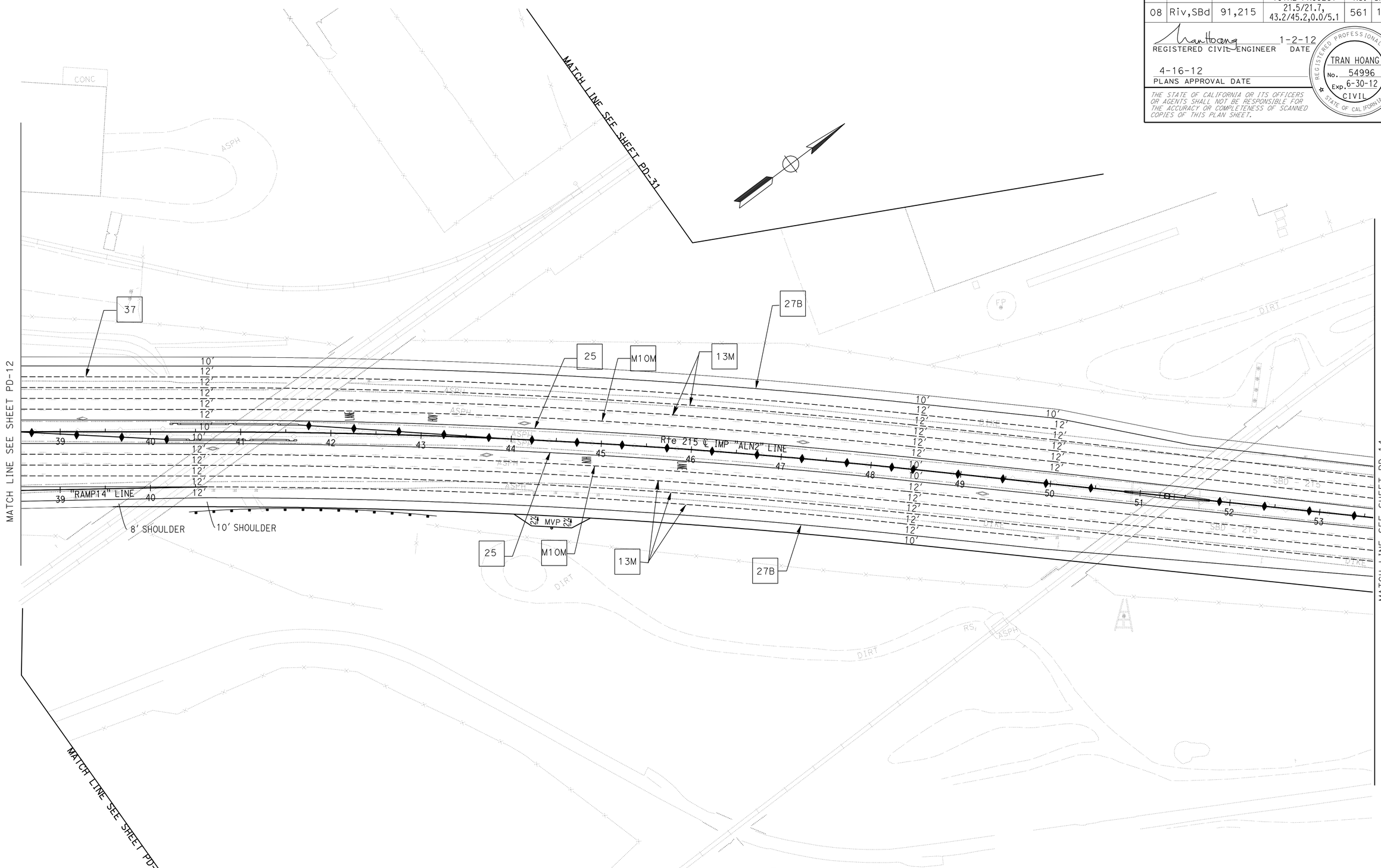

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-13

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

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CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:34

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	562	1743

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No. 54996
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CIVIL
STATE OF CALIFORNIA

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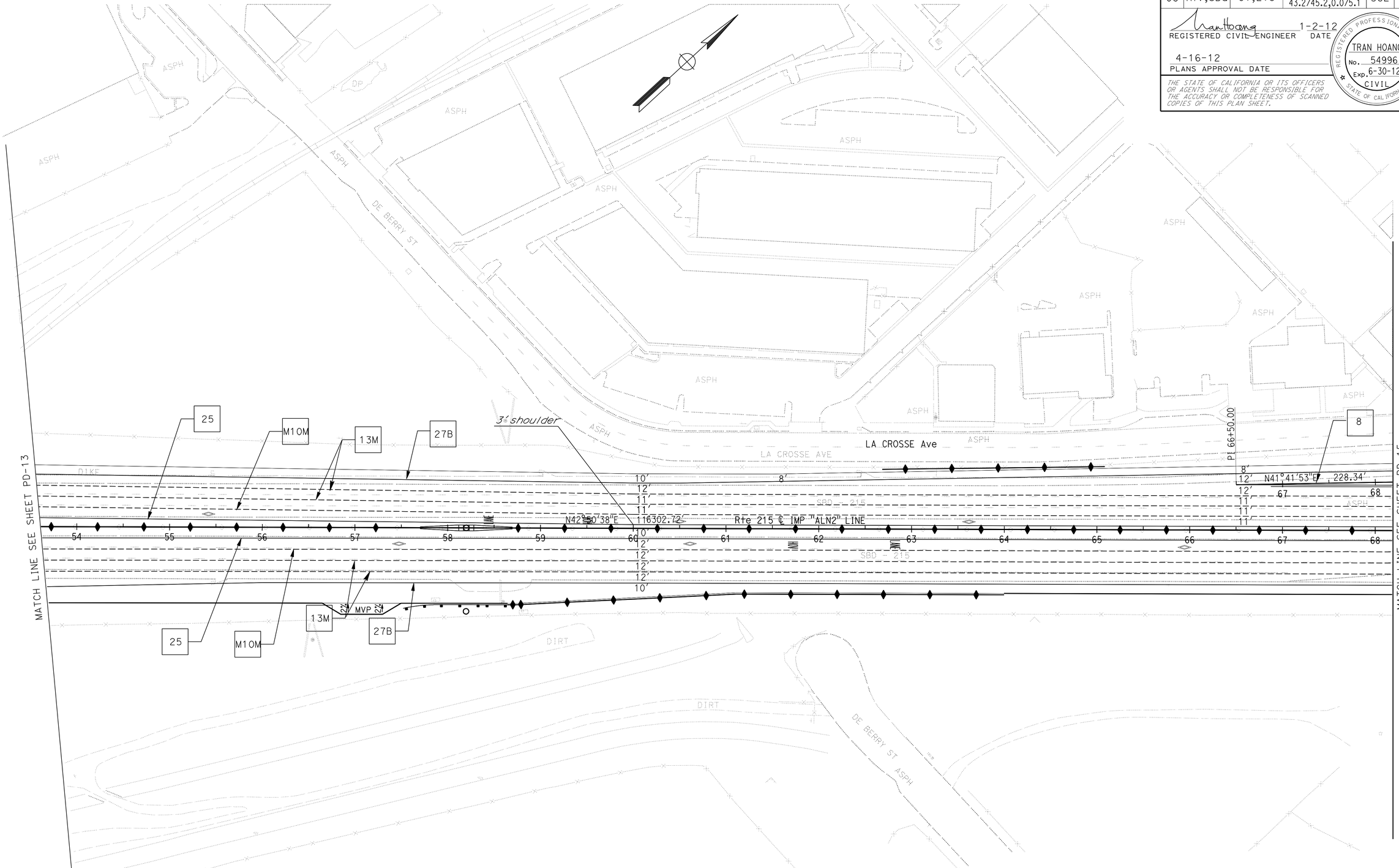

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-14

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 19:03

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	563	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
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REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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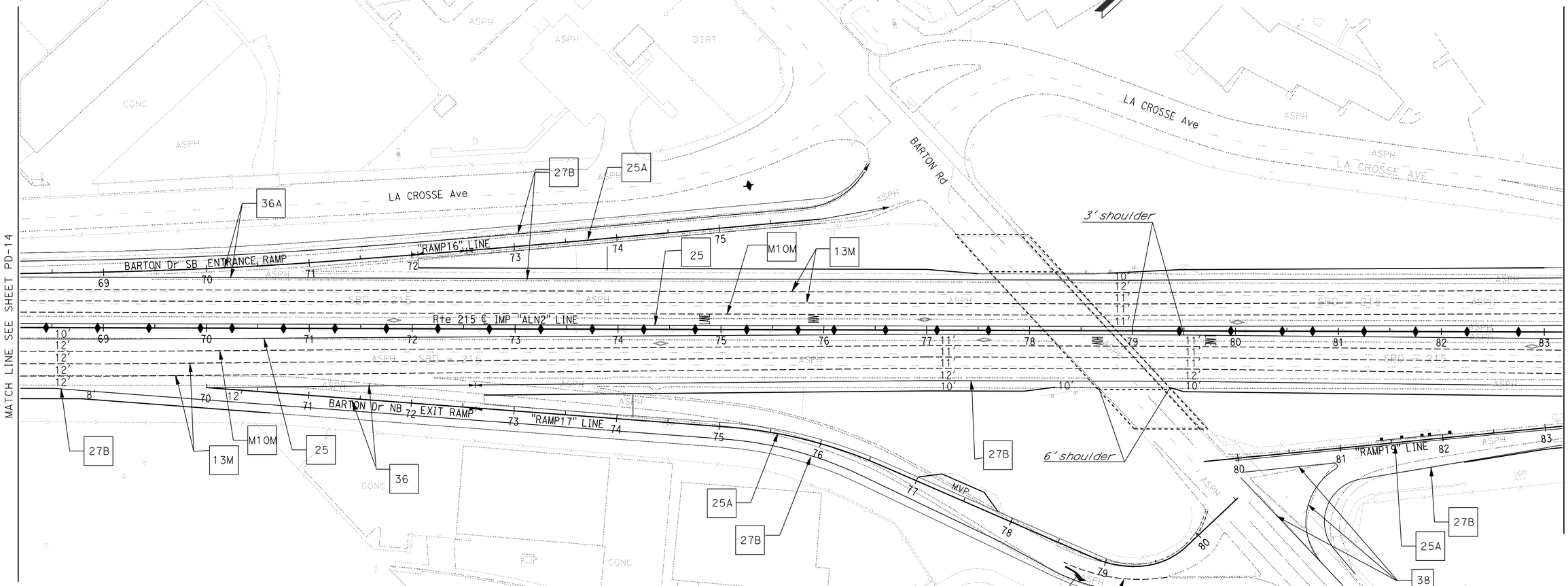

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-15

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:34

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	564	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

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STATE OF CALIFORNIA

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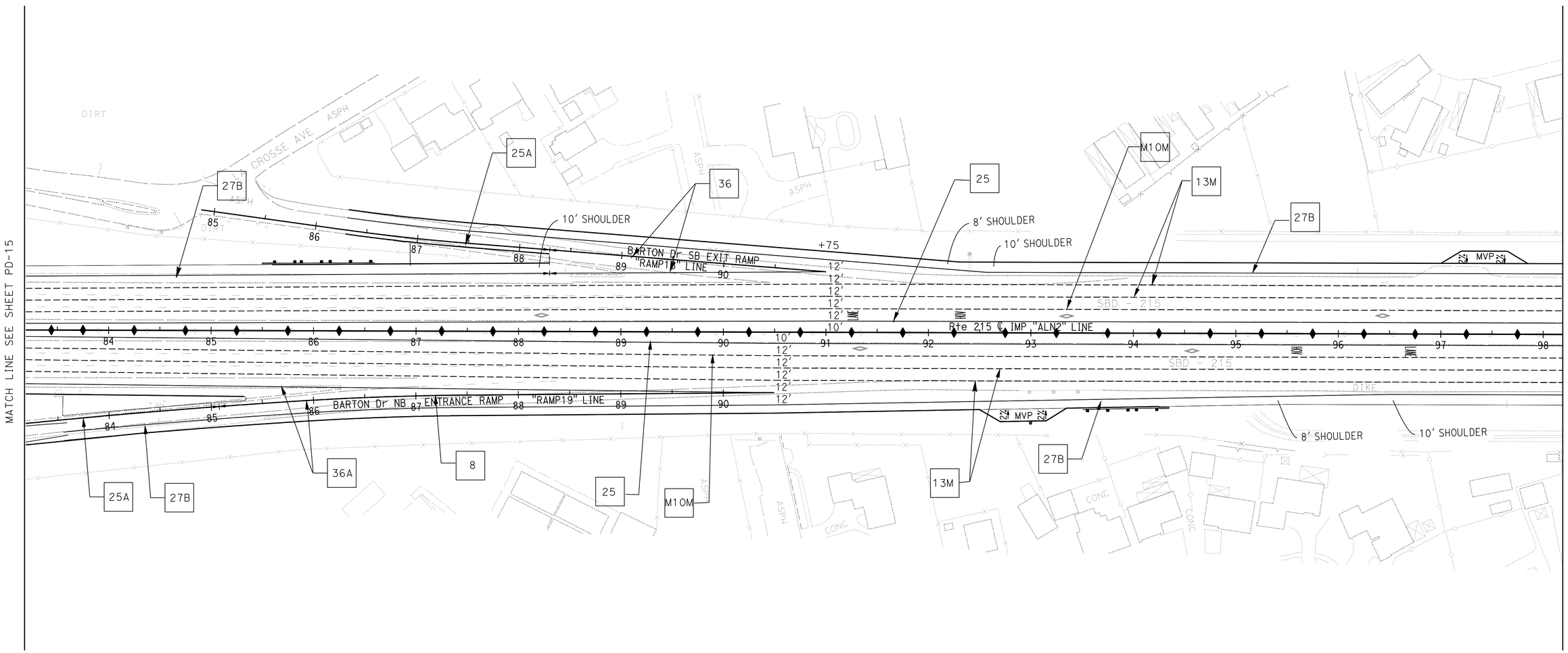


PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-16

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:34

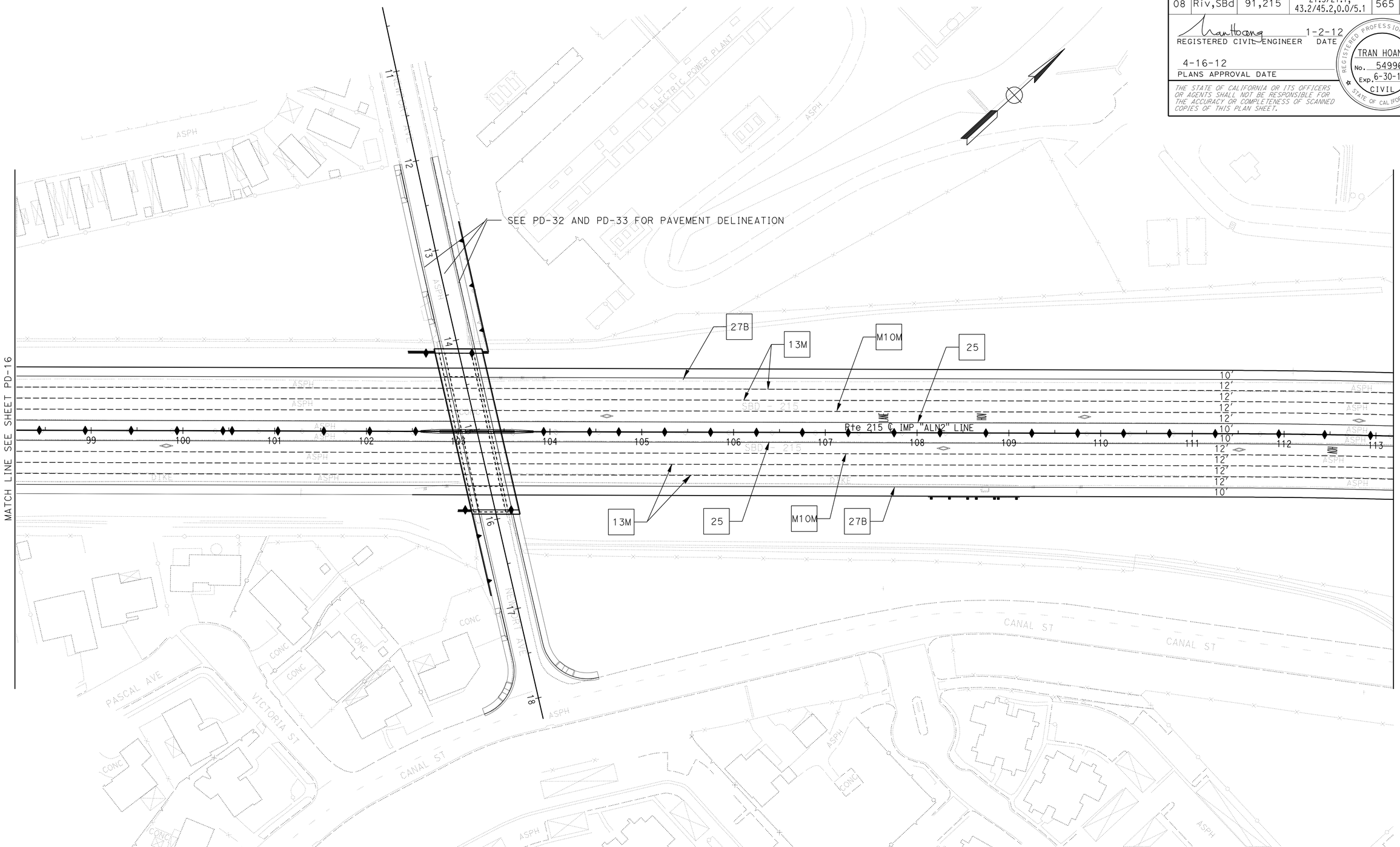
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	565	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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



PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-17

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA

REVISED BY | DATE REVISED

LAST REVISION 01-02-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:34

BORDER LAST REVISED 7/2/2010 | USERNAME => s123631 | DGN FILE => 80m94una017.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 2285 | PROJECT NUMBER & PHASE 08000005061

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	566	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-18

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:35

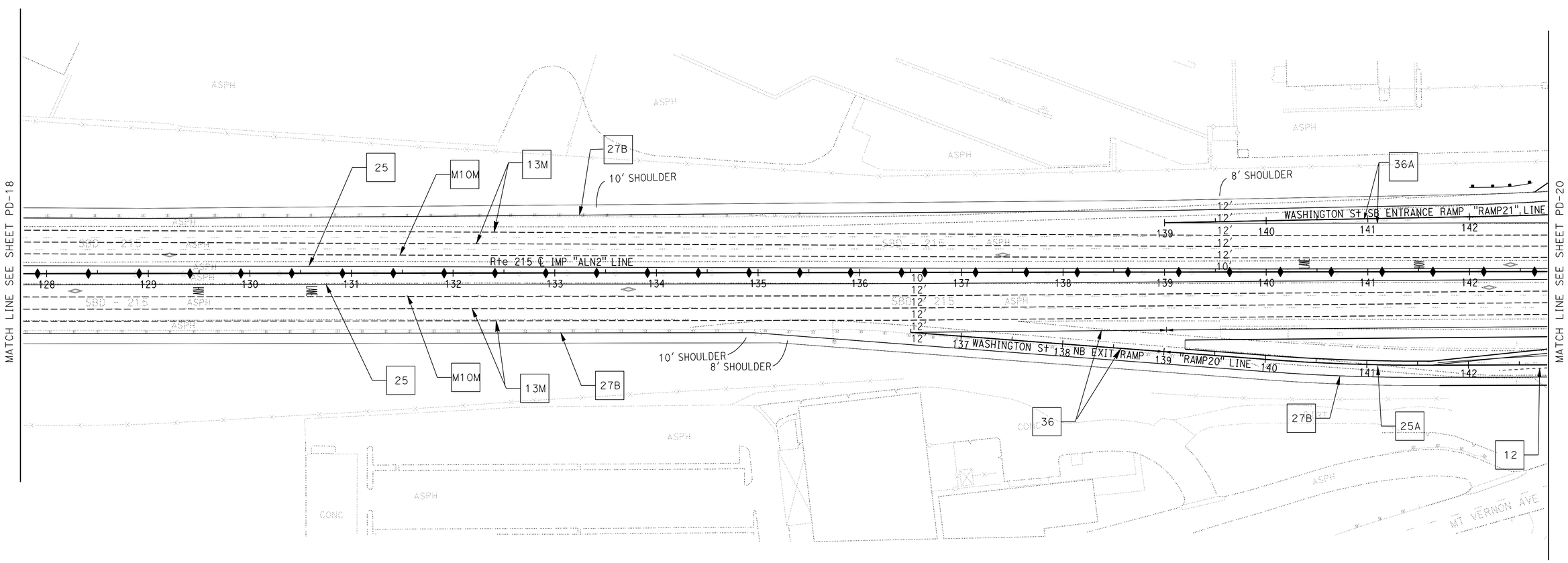
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	567	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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



PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-19

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:35

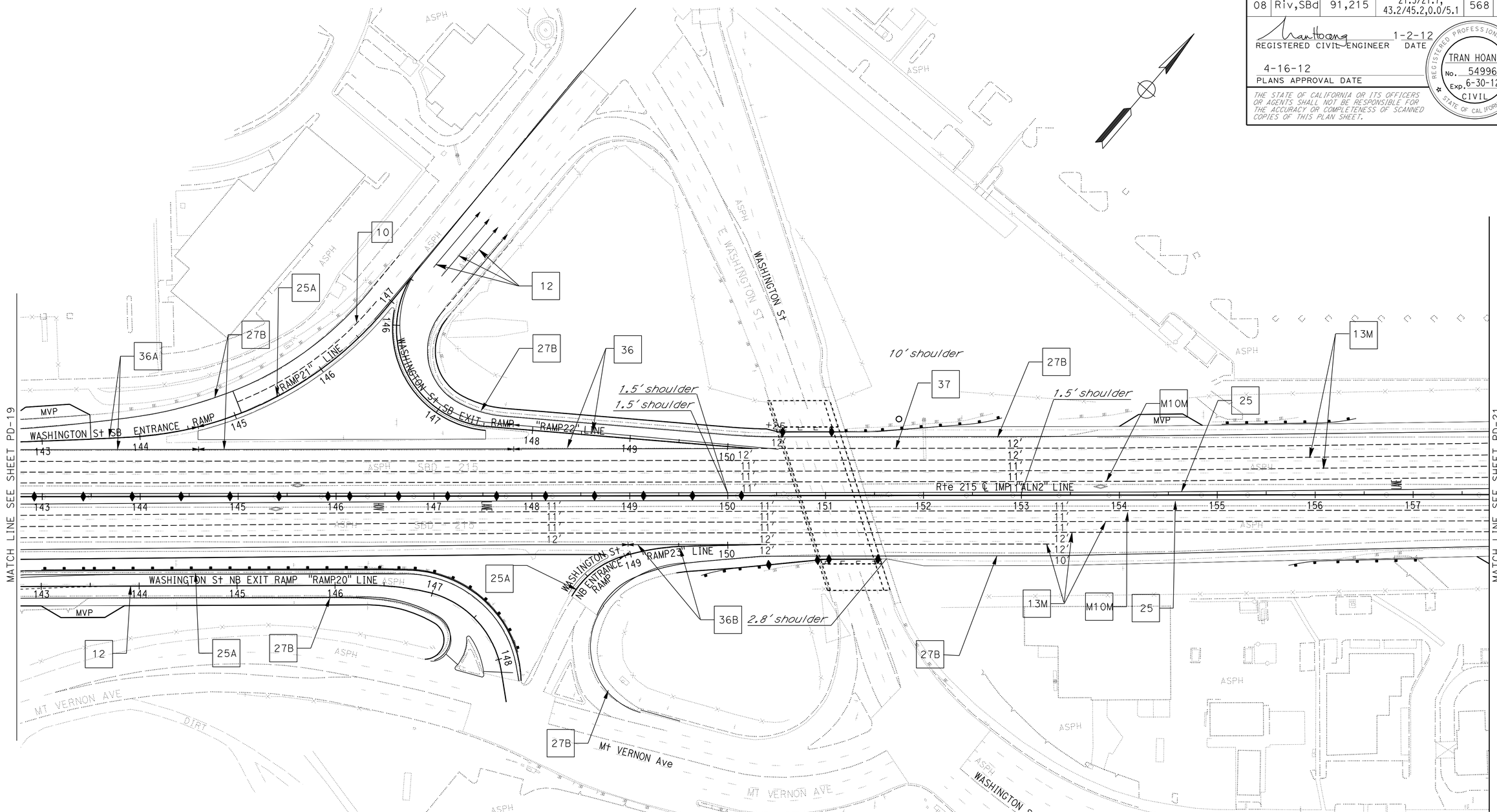
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	568	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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



PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-20

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:35

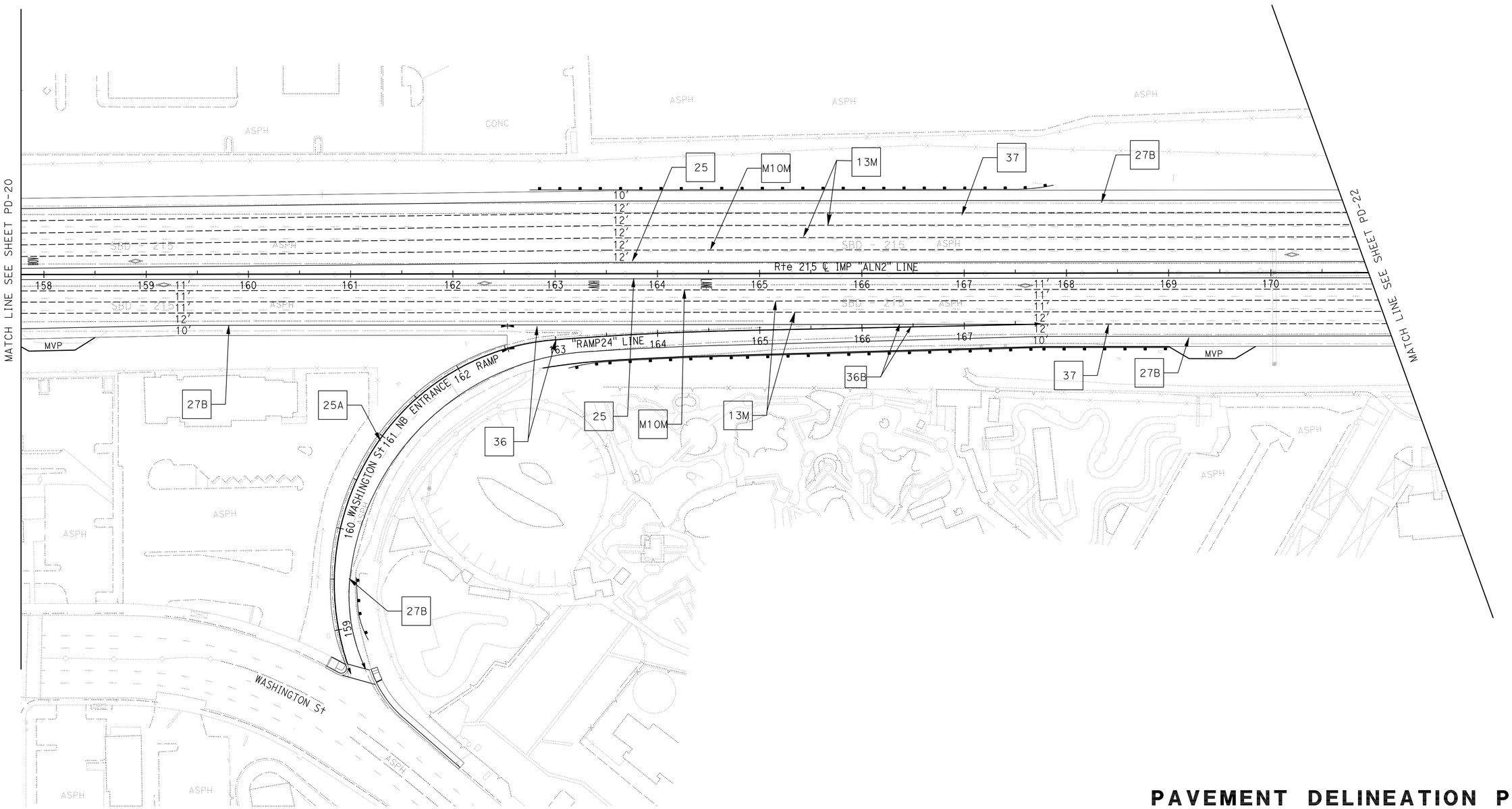
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	569	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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



PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-21

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: TRAN HOANG

CHECKED BY: HORMUZD SETHNA

REVISED BY

DATE REVISED

LAST REVISION 01-02-12

DATE PLOTTED => 17-APR-2012

TIME PLOTTED => 18:35

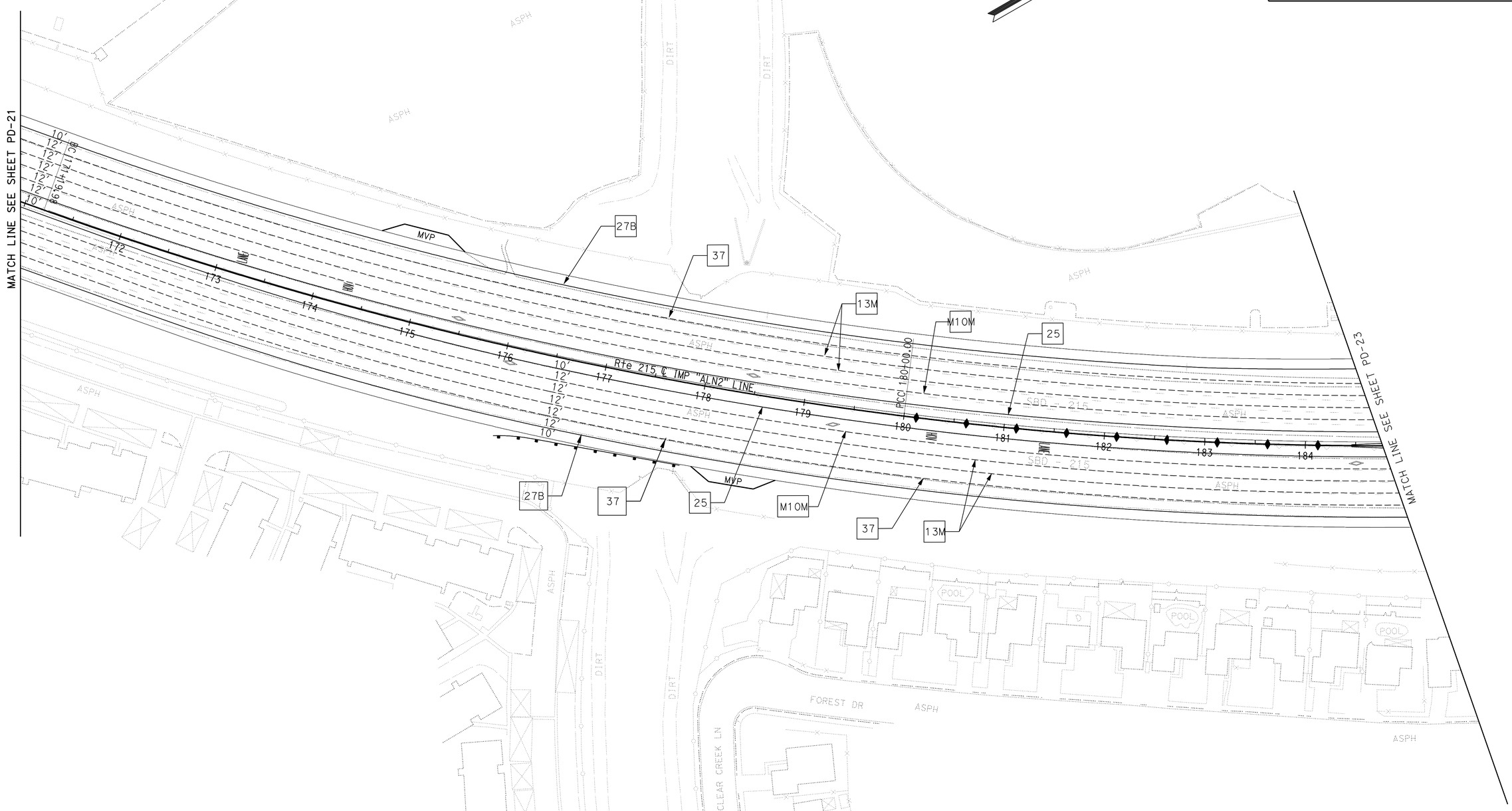
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	570	1743

Tran Hoang 1-2-12
REGISTERED CIVIL ENGINEER DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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



PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-22

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

REVISED BY	TRAN HOANG
DATE REVISED	HORMUZD SETHNA
CALCULATED-DESIGNED BY	
CHECKED BY	
FUNCTIONAL SUPERVISOR	WILLIAM E. WASSER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:35

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	571	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-23

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:35

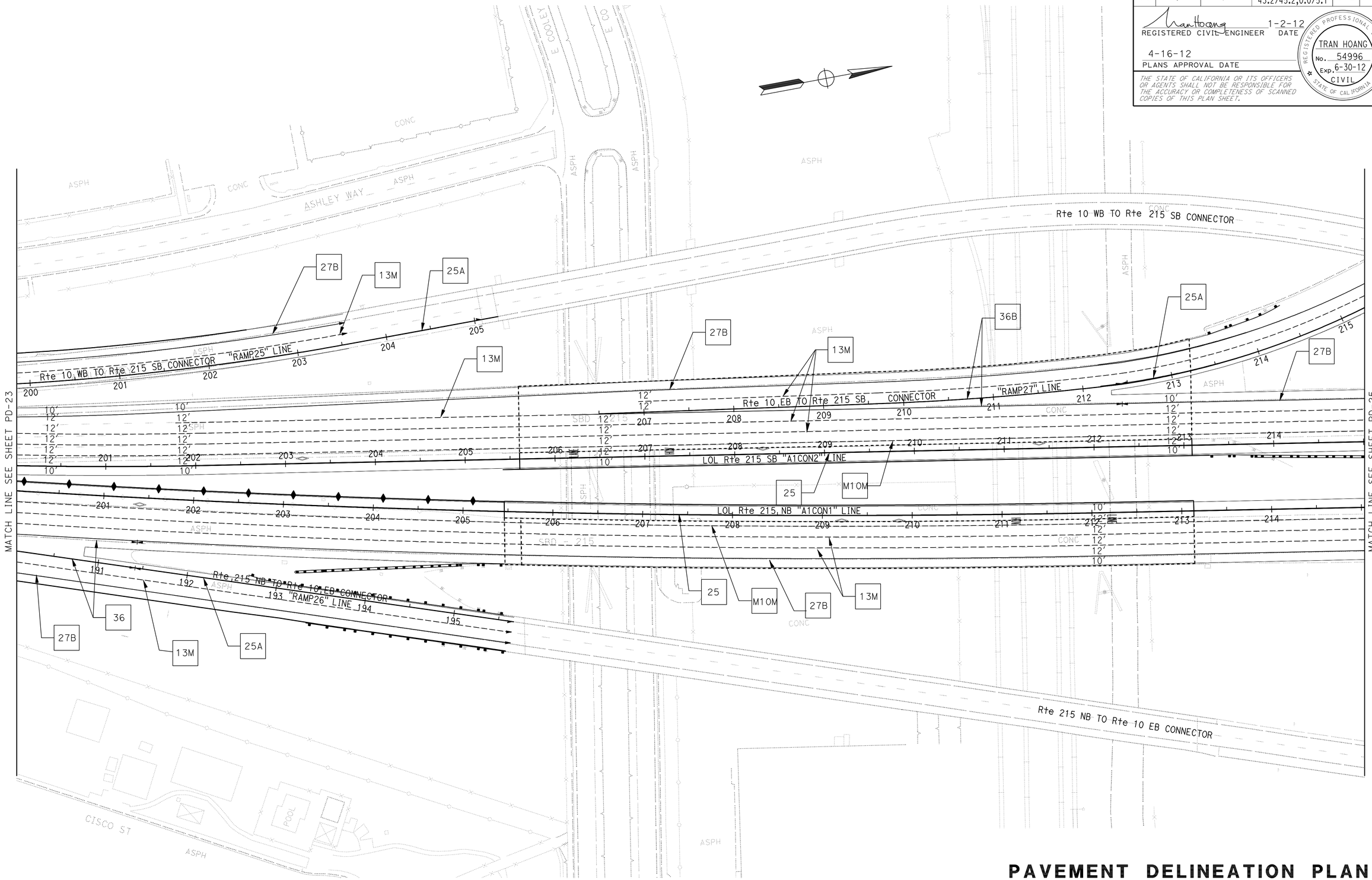
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	572	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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



PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-24

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:36

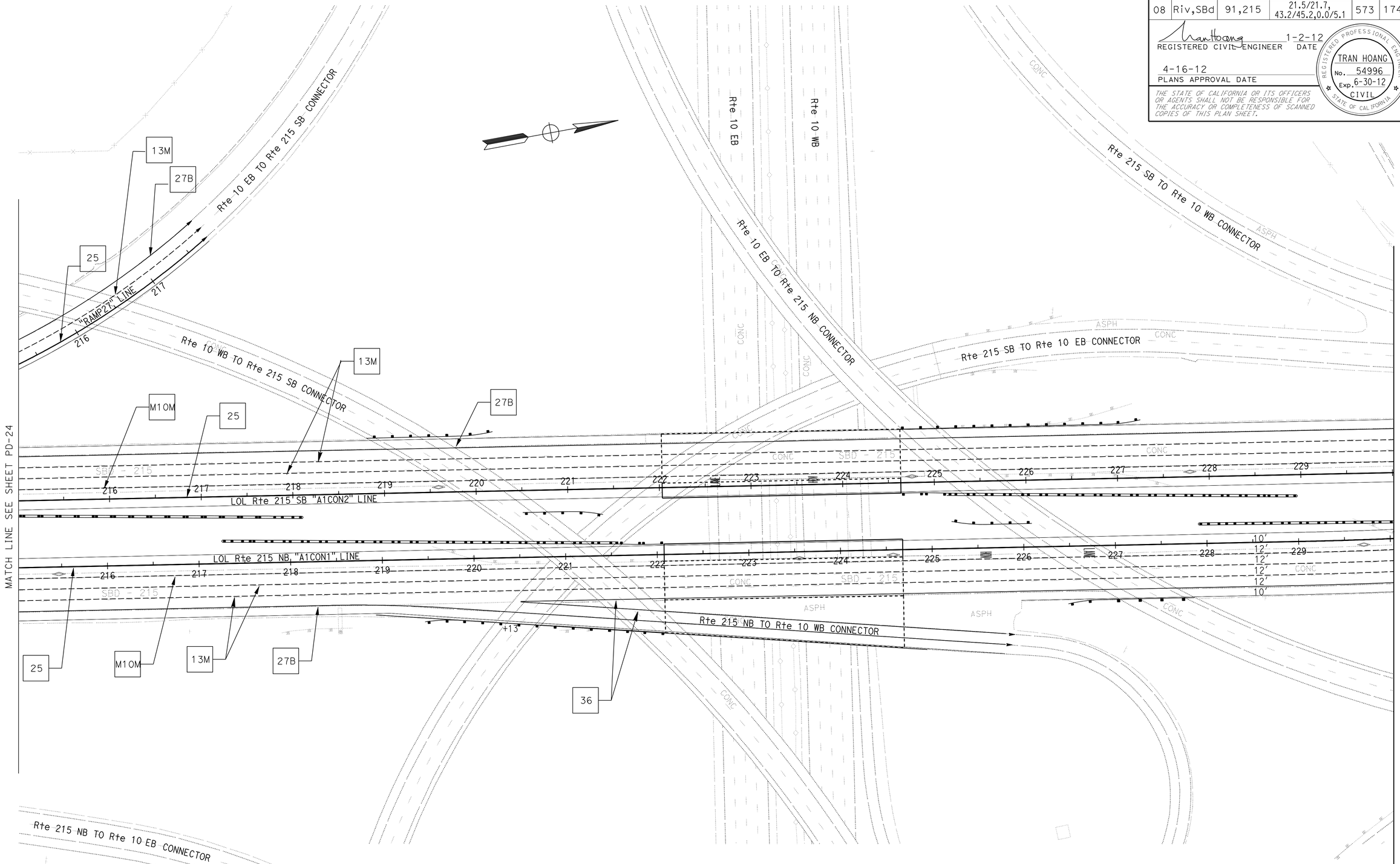
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	573	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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



PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-25

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:36

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	574	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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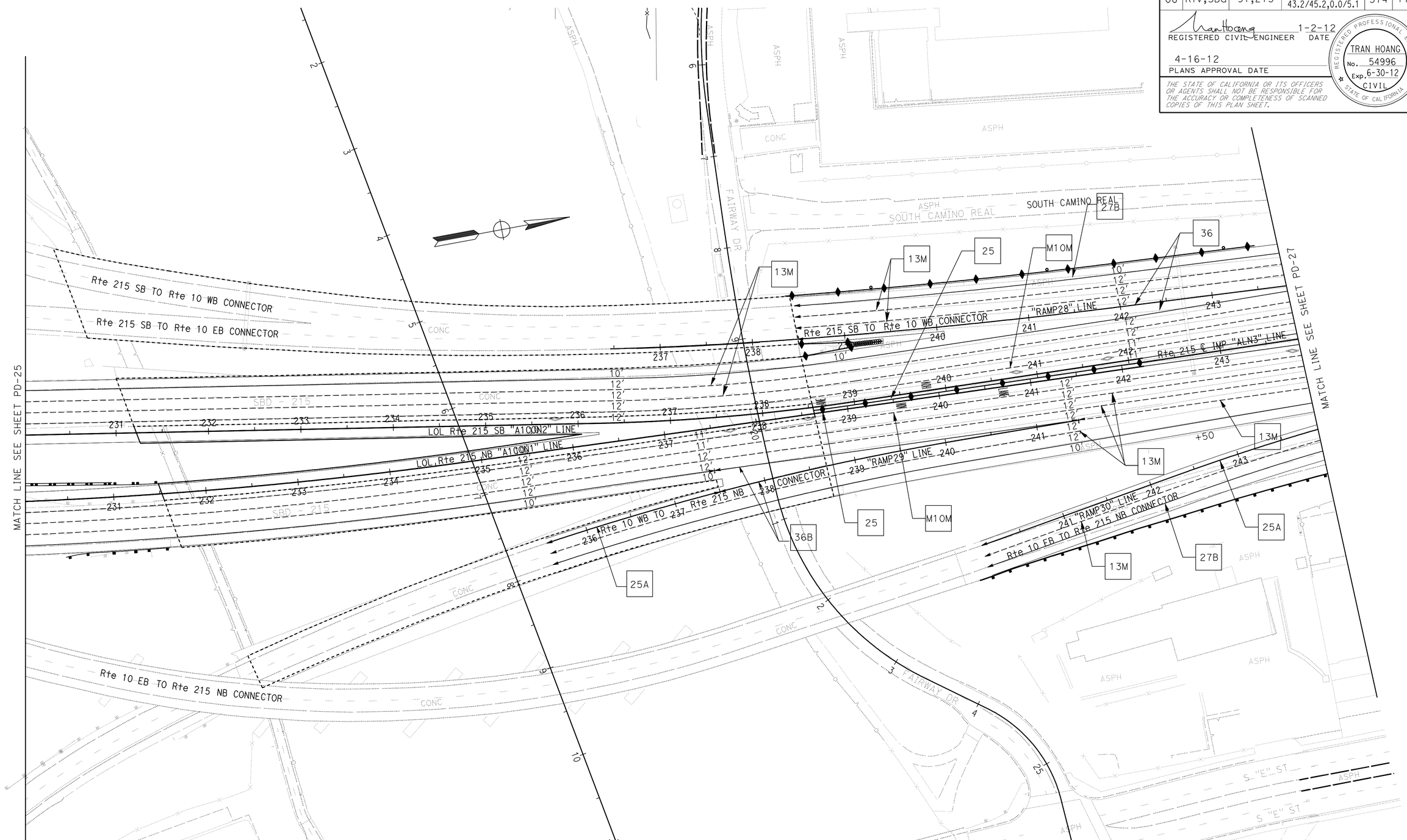

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-26

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:36

BORDER LAST REVISED 7/2/2010
USERNAME => s123631
DGN FILE => 80m94una026.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 2285
PROJECT NUMBER & PHASE 08000005061

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	575	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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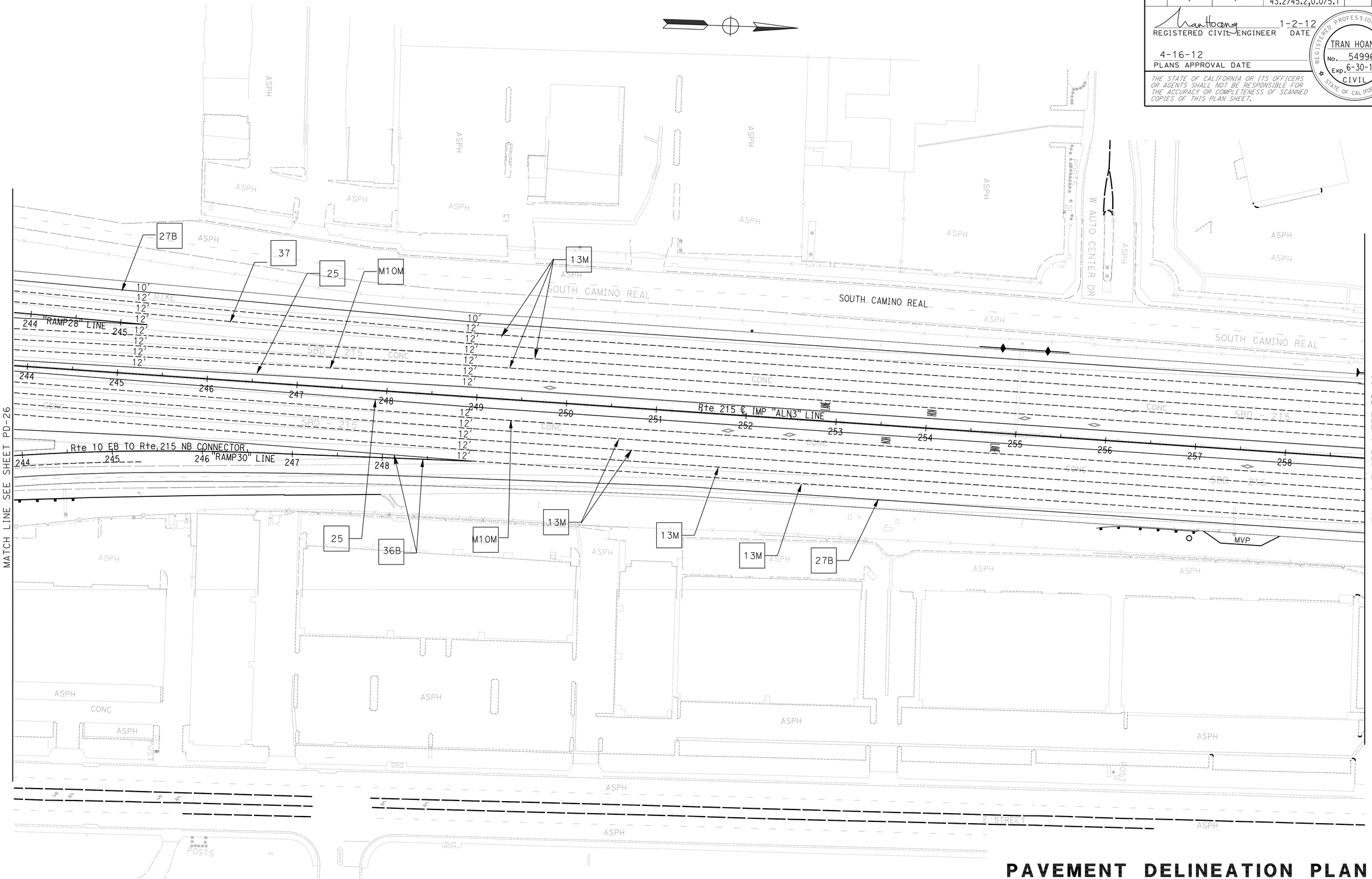

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-27

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:36

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	576	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-28

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: TRAN HOANG

CHECKED BY: HORMUZD SETHNA

REVISED BY

DATE REVISED

LAST REVISION 01-02-12

DATE PLOTTED => 17-APR-2012

TIME PLOTTED => 18:36

BORDER LAST REVISED 7/2/2010

USERNAME => s123631

DGN FILE => 80m94una028.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 2285

PROJECT NUMBER & PHASE 08000005061

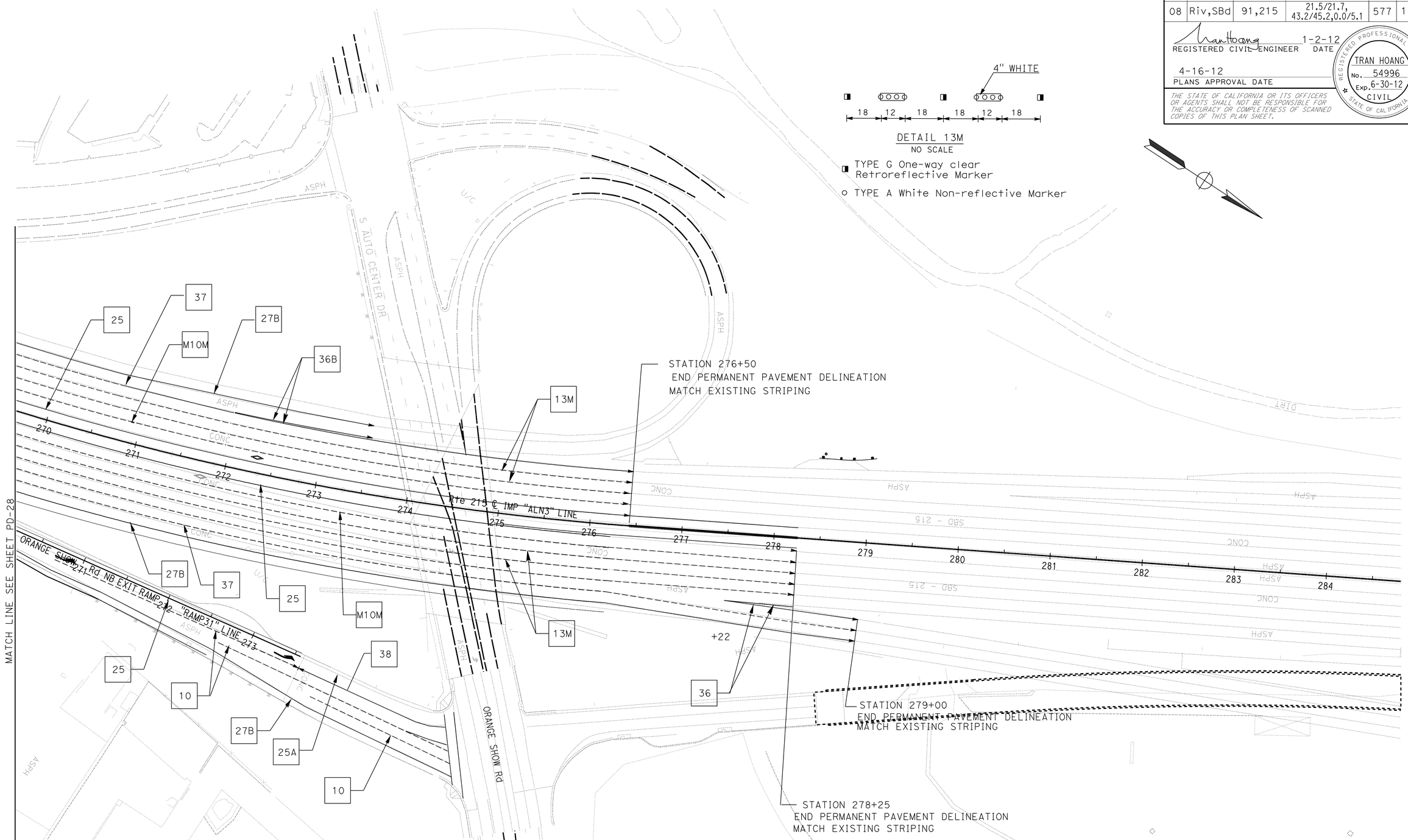
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	577	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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



PAVEMENT DELINEATION PLAN

SCALE: 1"=50′ **PD-29**

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:36

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	578	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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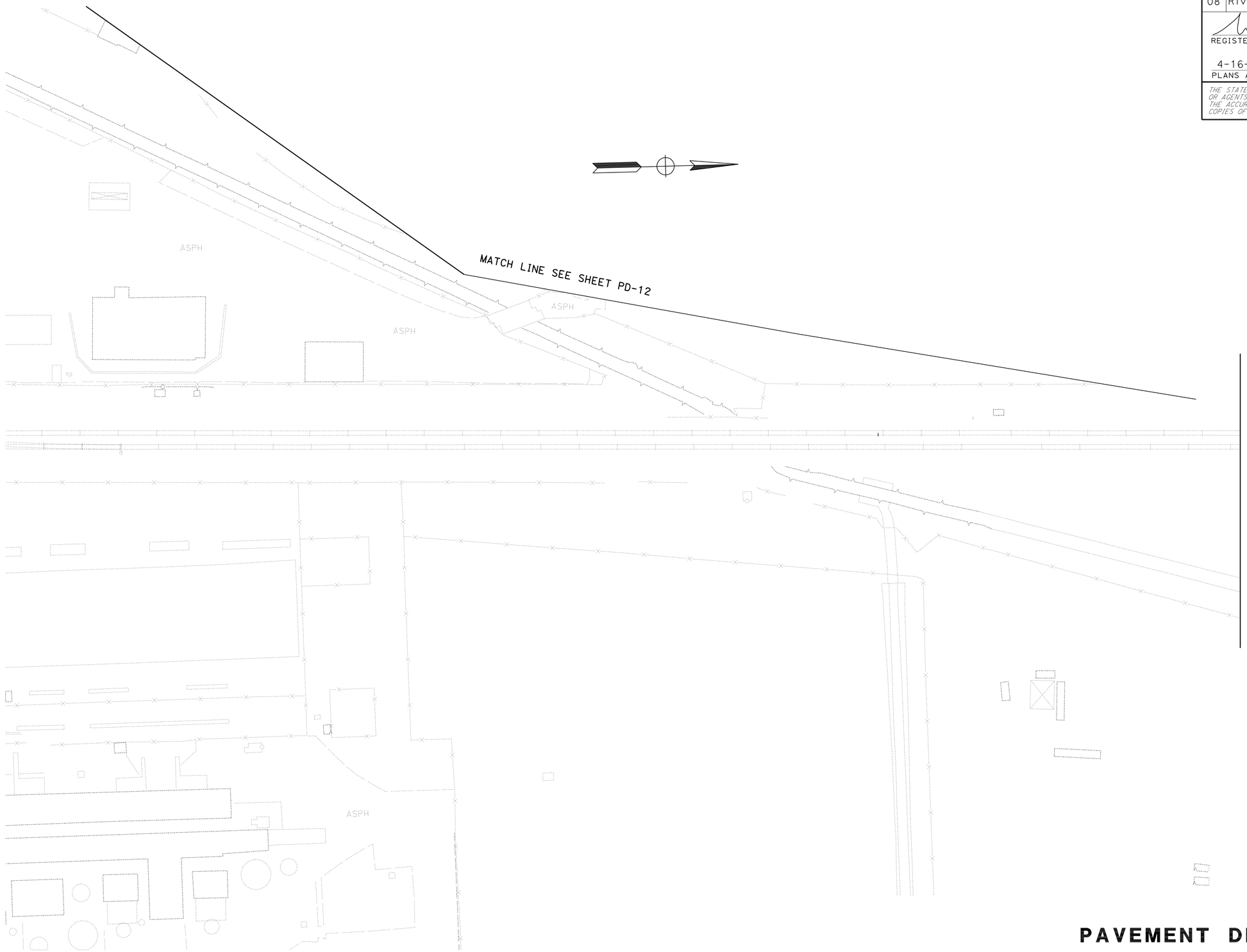

PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-30

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:36

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	579	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-31

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA

REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:36

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	580	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

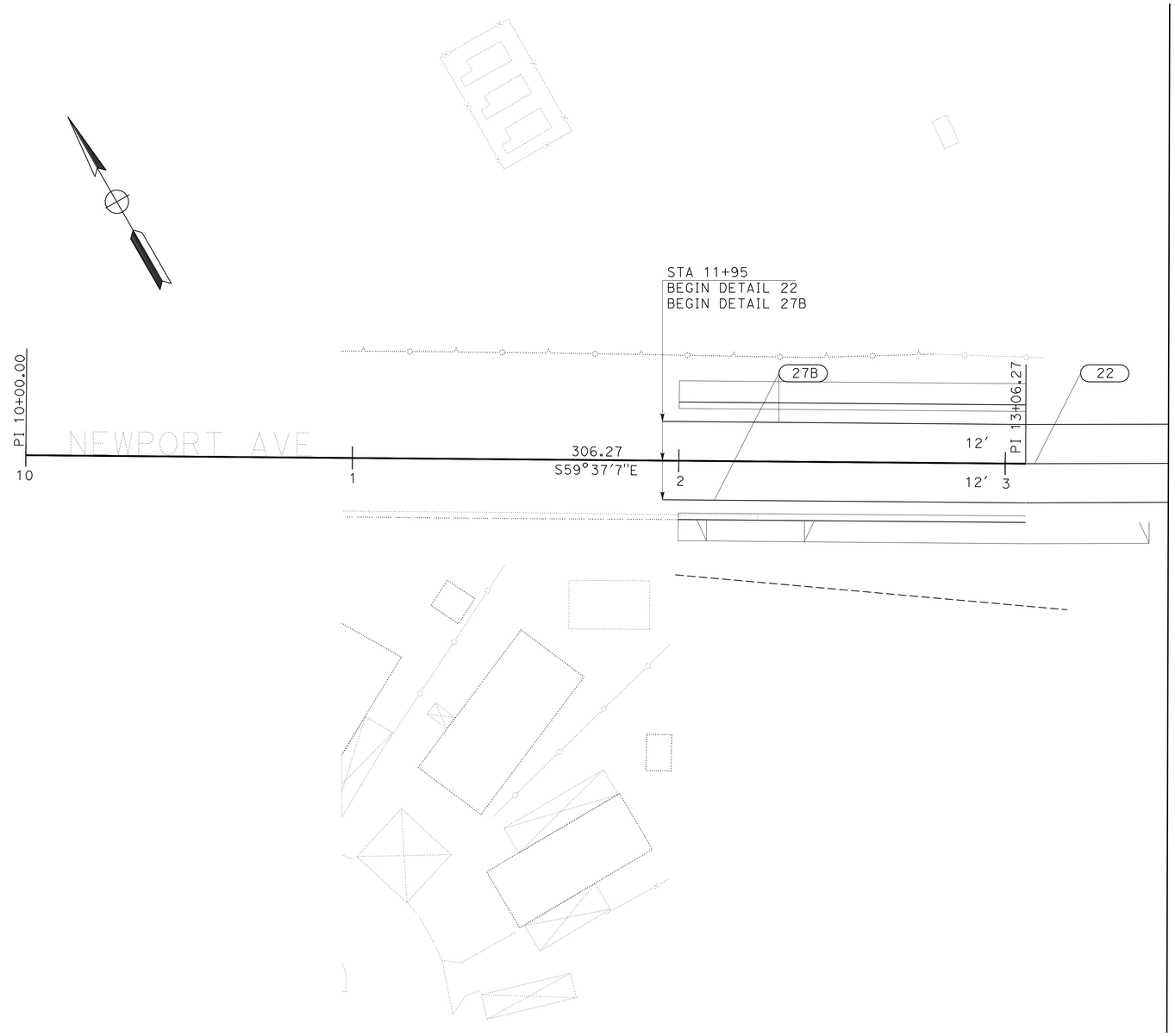
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LEGEND:

(XX) TRAFFIC STRIPE DETAIL

NOTES:

1. ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.



PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-32

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:37

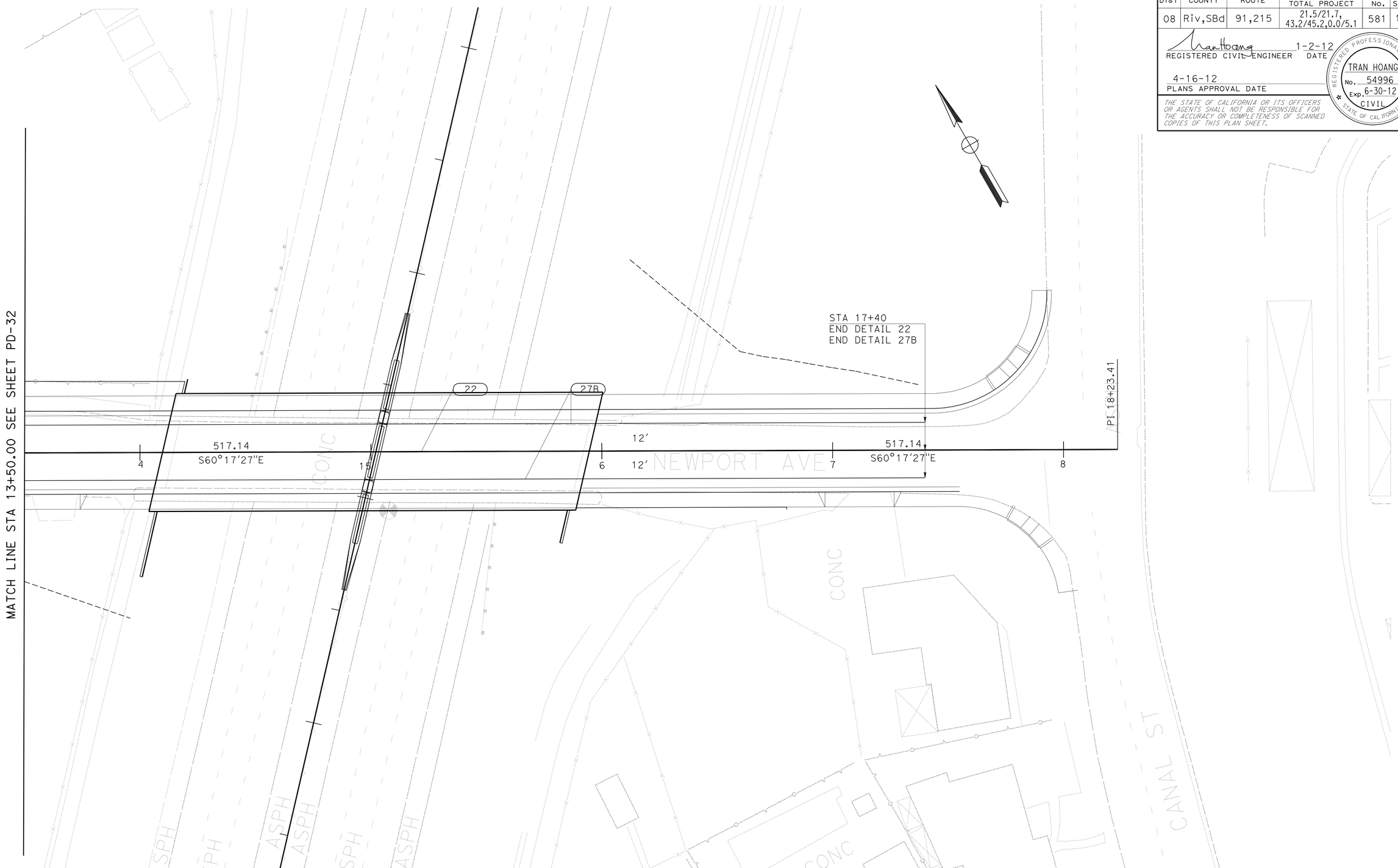
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	581	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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



PAVEMENT DELINEATION PLAN

SCALE: 1"=50'

PD-33

APPROVED FOR PAVEMENT DELINEATION WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA

REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:37

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	582	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

PAVEMENT DELINEATION QUANTITIES

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE TRAFFIC STRIPE			PAVEMENT MARKER									THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
PD-1	STATION 450+55 TO STATION 457+80 NB	25	17			725									17			725				
PD-1	STATION 450+55 TO STATION 457+80 NB	MIOM							90					32							725	
PD-1	STATION 450+55 TO STATION 457+80 NB	13M	190				488		152					38					1950			
PD-1	STATION 450+55 TO STATION 457+80 NB	27B					725												725			
PD-1	STATION 450+55 TO STATION 457+80 NB	DIAMOND																				11
PD-1	STATION 450+55 TO STATION 457+80 NB	ARROW TYPE VI			196																	84
PD-1	STATION 448+40 TO STATION 457+80 SB	25	20			940									20			940				
PD-1	STATION 448+40 TO STATION 457+80 SB	MIOM							120					42							940	
PD-1	STATION 448+40 TO STATION 457+80 SB	13M	160				705		128					32					2820			
PD-1	STATION 448+40 TO STATION 457+80 SB	27B					940												940			
PD-1	STATION 448+40 TO STATION 452+90 SB	36	38					900						38							450	
PD-1	STATION 450+55 TO STATION 457+80 SB	DIAMOND																				11
PD-1	STATION 450+55 TO STATION 457+80 SB	HOV																				17
PD-1	STATION 450+55 TO STATION 457+80 SB	LANE																				23
PD-2	STATION 457+80 TO STATION 467+55 NB	25	22			975									22			975				
PD-2	STATION 457+80 TO STATION 467+55 NB	MIOM							126					44							975	
PD-2	STATION 457+80 TO STATION 467+55 NB	13M	210				1950		168					42					1950			
PD-2	STATION 457+80 TO STATION 467+00 NB	36					220												220			
PD-2	STATION 463+95 TO STATION 467+55 NB	36B	30						360					30							360	
PD-2	STATION 457+80 TO STATION 467+55 NB	27B					975												975			
PD-2	STATION 457+80 TO STATION 467+55 NB	DIAMOND																				11
PD-2	STATION 457+80 TO STATION 467+55 NB	HOV																				17
PD-2	STATION 457+80 TO STATION 467+55 NB	LANE																				23
PD-2	STATION 457+80 TO STATION 467+55 SB	25	22			975									22			975				
PD-2	STATION 457+80 TO STATION 467+55 SB	MIOM							126					44							975	
PD-2	STATION 457+80 TO STATION 467+55 SB	13M	310				732		248					62					2925			
PD-2	STATION 457+80 TO STATION 467+55 SB	27B					975												975			
PD-2	STATION 457+80 TO STATION 467+55 SB	DIAMOND																				11
PD-3	STATION 467+55 TO STATION 477+30 NB	25	22			975									22			975				
PD-3	STATION 467+55 TO STATION 477+30 NB	MIOM							126					44							975	
PD-3	STATION 467+55 TO STATION 477+30 NB	13M	210			488			168					42					1950			
PD-3	STATION 467+55 TO STATION 477+30 NB	27B				975													975			
PD-3	STATION 471+72 TO STATION 477+30 NB	37	38					112			8			30							558	
PD-3	STATION 467+55 TO STATION 471+72 NB	36B					417	834											417		417	
PD-3	STATION 467+55 TO STATION 477+30 SB	25	22			975									22			975				
PD-3	STATION 467+55 TO STATION 477+30 SB	MIOM							126					44							975	
PD-3	STATION 467+55 TO STATION 477+30 SB	13M	310				732		248					62					2925			
PD-3	STATION 467+55 TO STATION 477+30 SB	27B					975												975			
PD-4	STATION 477+30 TO STATION 492+15 NB	25	33			1485									33			1485				
PD-4	STATION 477+30 TO STATION 492+15 NB	MIOM							186					64							1485	
PD-4	STATION 477+30 TO STATION 492+15 NB	13M	315				743		252					63					2970			
PD-4	STATION 477+30 TO STATION 492+15 NB	37	99					297			8			91							1485	
PD-4	STATION 477+30 TO STATION 492+15 NB	27B					1485												1485			
PD-4	STATION 477+30 TO STATION 492+15 NB	DIAMOND																				17
PD-4	STATION 477+30 TO STATION 492+15 NB	HOV																				24
PD-4	STATION 477+30 TO STATION 492+15 SB	25	33			1485									33			1485				
PD-4	STATION 477+30 TO STATION 492+15 SB	MIOM							186					64							1485	
PD-4	STATION 477+30 TO STATION 492+15 SB	13M	320				743		256					64					2970			
PD-4	STATION 477+30 TO STATION 492+15 SB	27B					2055												2055			
PD-4	STATION 477+30 TO STATION 478+80 SB	36	28					600						28							300	
PD-4	STATION 478+30 TO STATION 487+50 SB	25A	44			920								44				920				
SUBTOTAL			2493		196	10918	14860	2743	3066		16			1044	191			9455	30202		12105	249
TOTAL			2493		196		28521		3066			1251							51762			249

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

PAVEMENT DELINEATION QUANTITIES
PDQ-1

LAST REVISION 02-27-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:37

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	583	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

PAVEMENT DELINEATION QUANTITIES

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE TRAFFIC STRIPE			PAVEMENT MARKER									THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
PD-4	STATION 483+50 TO STATION 487+50 SB	36	36					1600						36							800	
PD-4	STATION 477+30 TO STATION 487+48 SB	13M	120				255		96					24					1018			
PD-4	STATION 487+48 TO STATION 492+15 SB	37	40					94			8			32							467	
PD-5	STATION 492+30 TO STATION 507+20 NB	25	33				1490								33			1490				
PD-5	STATION 492+30 TO STATION 507+20 NB	M10M							186					64							1490	
PD-5	STATION 492+30 TO STATION 507+20 NB	13M	315				745		252					63					2980			
PD-5	STATION 493+00 TO STATION 496+00 NB	36	25					1200						25							600	
PD-5	STATION 492+30 TO STATION 507+20 NB	37	40					116						40							590	
PD-5	STATION 498+70 TO STATION 502+00 NB	36B												16					320		320	
PD-5	STATION 492+30 TO STATION 507+20 NB	27B					1490												1490			
PD-5	STATION 492+30 TO STATION 507+20 NB	DIAMOND																				22
PD-5	STATION 492+30 TO STATION 507+20 NB	LANE																				24
PD-5	STATION 496+00 TO STATION 498+70 NB	25A	12			270								12				270				
PD-5	STATION 496+80 TO STATION 498+70 NB	25A	10			190								10				190				
PD-5	STATION 498+00 TO STATION 498+70 NB	38						340													170	
PD-5	STATION 492+30 TO STATION 507+20 SB	25	33			1490									33			1490				
PD-5	STATION 492+30 TO STATION 507+20 SB	M10M							186					64							1490	
PD-5	STATION 492+30 TO STATION 507+20 SB	13M	315						252					63					2980			
PD-5	STATION 492+30 TO STATION 496+80 SB	37	38					90			8			30							450	
PD-5	STATION 501+50 TO STATION 505+60 SB	36	36					820						36							410	
PD-5	STATION 497+00 TO STATION 499+20 SB	36B	10				220	440						10					220		220	
PD-5	STATION 492+30 TO STATION 507+20 SB	27B					1490												1490			
PD-5	STATION 499+20 TO STATION 500+00 SB	25A	4			80									4			80				
PD-5	STATION 492+30 TO STATION 507+20 SB	27B					1490												1490			
PD-5	STATION 499+50 TO STATION 501+50 SB	25A	15			350									15			350				
PD-5	STATION 492+30 TO STATION 507+20 SB	DIAMOND																				22
PD-5	STATION 492+30 TO STATION 507+20 SB	HOV																				17
PD-5	STATION 492+30 TO STATION 507+20 SB	LANE																				24
PD-5	STATION 492+30 TO STATION 507+20 SB	STOP																				44
PD-5	STATION 492+30 TO STATION 507+20 SB	ARROW																				42
SUBTOTAL			1082			2380	7180	4700	972		16			525	85			3870	11988		7007	195
TOTAL			1082	-	-	14260			972	626								22865				195

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

PAVEMENT DELINEATION QUANTITIES
PDQ-2

LAST REVISION 02-27-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:37

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	584	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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PAVEMENT DELINEATION QUANTITIES

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE TRAFFIC STRIPE			PAVEMENT MARKER									THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
PD-6	STATION 507+20 TO STATION 522+20 NB	25	33			1500									33			1500				
PD-6	STATION 507+20 TO STATION 522+20 NB	MIOM							186					64							1500	
PD-6	STATION 507+20 TO STATION 522+20 NB	13M	320				750		256					64					3000			
PD-6	STATION 507+20 TO STATION 522+20 NB	27B					1500												1500			
PD-6	STATION 507+20 TO STATION 522+20 NB	37	100					300			8			92							1500	
PD-6	STATION 507+20 TO STATION 522+20 NB	DIAMOND																				22
PD-6	STATION 507+20 TO STATION 522+20 NB	HOV																				17
PD-6	STATION 507+20 TO STATION 522+20 NB	LANE																				24
PD-6	STATION 507+20 TO STATION 522+20 SB	25	33			1500									33			1500				
PD-6	STATION 507+20 TO STATION 522+20 SB	MIOM							186					66							1500	
PD-6	STATION 507+20 TO STATION 522+20 SB	13M	64				750		256					64					3000			
PD-6	STATION 507+20 TO STATION 522+20 SB	27B					1500												1500			
PD-6	STATION 507+20 TO STATION 522+20 SB	37	100					300			8			92							1500	
PD-6	STATION 507+20 TO STATION 522+20 SB	DIAMOND																				22
PD-6	STATION 507+20 TO STATION 522+20 SB	LANE																				24
PD-7	STATION 522+20 TO STATION 534+40 NB	25	28			1200									28			1200				
PD-7	STATION 522+20 TO STATION 534+40 NB	MIOM							150					52							1200	
PD-7	STATION 522+20 TO STATION 534+40 NB	13M	260				600		208					52					2400			
PD-7	STATION 522+20 TO STATION 534+40 NB	27B					1200												1200			
PD-7	STATION 522+20 TO STATION 534+40 NB	37	82						240		8			74							1200	
PD-7	STATION 522+20 TO STATION 534+40 NB	HOV																				17
PD-7	STATION 522+20 TO STATION 534+40 NB	LANE																				24
PD-7	STATION 522+20 TO STATION 534+40 NB	DIAMOND																				11
PD-7	STATION 522+20 TO STATION 534+40 SB	25	28			1200									28			1200				
PD-7	STATION 522+20 TO STATION 534+40 SB	MIOM							150					52							1200	
PD-7	STATION 522+20 TO STATION 534+40 SB	13M	260				600		208					52					2400			
PD-7	STATION 522+20 TO STATION 534+40 SB	27B					1200												1200			
PD-7	STATION 522+20 TO STATION 534+40 SB	37	82					245			8			74							1220	
PD-7	STATION 522+20 TO STATION 534+40 SB	HOV																				17
PD-7	STATION 522+20 TO STATION 534+40 SB	DIAMOND																				11
PD-8	STATION 534+40 TO STATION 544+95 NB	25	24			1050									24			1050				
PD-8	STATION 534+40 TO STATION 544+95 NB	MIOM							132					46							1050	
PD-8	STATION 534+40 TO STATION 544+95 NB	13M	200				525		156					44					2100			
PD-8	STATION 534+40 TO STATION 544+95 NB	27B					1050												1050			
PD-8	STATION 534+40 TO STATION 544+95 NB	37	70					210			8			62							1050	
PD-8	STATION 534+40 TO STATION 544+95 NB	HOV																				17
PD-8	STATION 534+40 TO STATION 544+95 NB	LANE																				24
PD-8	STATION 534+40 TO STATION 544+95 NB	DIAMOND																				11
PD-8	STATION 534+40 TO STATION 544+95 SB	25	24			1050									24			1050				
PD-8	STATION 534+40 TO STATION 544+95 SB	MIOM							132					46							1050	
PD-8	STATION 534+40 TO STATION 544+95 SB	13M	200				525		156					44					2100			
PD-8	STATION 534+40 TO STATION 544+95 SB	27B					1050												1050			
PD-8	STATION 534+40 TO STATION 544+95 SB	37	70					210			8			62							1050	
PD-8	STATION 534+40 TO STATION 544+95 SB	HOV																				17
SUBTOTAL			1978			7500	11250	1265	2416		48			1102	170			7500	22500		15020	258
TOTAL			1978	-	-		20015		2416			1320							45020			258

REVISED BY | DATE REVISED

TRAN HOANG | HORMUZD SETHNA

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR

WILLIAM E. WASSER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® TRAFFIC DESIGN

PAVEMENT DELINEATION QUANTITIES

PDQ-3

LAST REVISION 02-27-12 | DATE PLOTTED => 17-APR-2012 TIME PLOTTED => 18:37

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	585	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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PAVEMENT DELINEATION QUANTITIES

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE TRAFFIC STRIPE			PAVEMENT MARKER									THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
PD-8	STATION 534+40 TO STATION 544+95 SB	LANE																				24
PD-8	STATION 534+40 TO STATION 544+95 SB	DIAMOND																				11
PD-9	STATION 544+95 TO STATION 559+95 NB	25	33			1500									33			1500				
PD-9	STATION 544+95 TO STATION 559+95 NB	M10M							186					64							1500	
PD-9	STATION 544+95 TO STATION 559+95 NB	13M	320				750		256					64					3000			
PD-9	STATION 544+95 TO STATION 559+95 NB	27B					1500												1500			
PD-9	STATION 544+95 TO STATION 546+20 NB	37	10					25			8			2							125	
PD-9	STATION 546+20 TO STATION 549+70 NB	36	32					1400						32							700	
PD-9	STATION 544+95 TO STATION 559+95 NB	HOV																				17
PD-9	STATION 544+95 TO STATION 559+95 NB	LANE																				24
PD-9	STATION 544+95 TO STATION 559+95 NB	DIAMOND																				22
PD-9	STATION 546+20 TO STATION 549+70 NB	36	32					1400						32							700	
PD-9	STATION 549+70 TO STATION 552+50 NB	25A	15			350									15			350				
PD-9	STATION 544+95 TO STATION 559+95 SB	25	33			1500									33			1500				
PD-9	STATION 544+95 TO STATION 559+95 SB	M10M							186					64							1500	
PD-9	STATION 544+95 TO STATION 559+95 SB	13M	320				750		256					64					3000			
PD-9	STATION 544+95 TO STATION 559+95 SB	27B					1500												1500			
PD-9	STATION 551+00 SB	38						240													120	
PD-9	STATION 544+95 TO STATION 559+95 SB	HOV																				17
PD-9	STATION 544+95 TO STATION 559+95 SB	LANE																				24
PD-9	STATION 544+95 TO STATION 559+95 SB	DIAMOND																				22
PD-9	STATION 552+80 TO STATION 555+50 SB	36	15					680						15							340	
PD-9	STATION 550+00 TO STATION 552+80 SB	25A	12			280									12			280				
PD-9	STATION 545+00 TO STATION 549+80 SB	36B	20				480	960						20					480		480	
PD-9	STATION 549+80 TO STATION 551+50 SB	25A	7			170									7			170				
PD-10	STATION 559+95 TO STATION 570+40 NB	25	24			1045									24			1045				
PD-10	STATION 559+95 TO STATION 570+40 NB	M10M							130					46							1045	
PD-10	STATION 559+95 TO STATION 570+40 NB	13M	225				523		180					45					2090			
PD-10	STATION 559+95 TO STATION 570+40 NB	27B					1045												1045			
PD-10	STATION 559+95 TO STATION 570+40 NB	DIAMOND																				22
PD-10	STATION 559+95 TO STATION 570+40 SB	25	24			1045									24			1045				
PD-10	STATION 559+95 TO STATION 570+40 SB	M10M							130					46							1045	
PD-10	STATION 559+95 TO STATION 570+40 SB	13M	225				523		180					45					2090			
PD-10	STATION 559+95 TO STATION 570+40 SB	27B					1045												1045			
PD-10	STATION 559+95 TO STATION 570+40 SB	DIAMOND																				11
PD-11	STATION 570+40 TO STATION 571+07 NB	25	4			67									4			67				
PD-11	STATION 570+40 TO STATION 571+07 NB	M10M							6					4							67	
PD-11	STATION 570+40 TO STATION 571+07 NB	13M	20						16					4					134			
PD-11	STATION 570+40 TO STATION 571+07 NB	27B				67													67			
PD-11	STATION 9+26 TO STATION 23+55 NB	25	17			725									17			725				
PD-11	STATION 9+26 TO STATION 23+55 NB	M10M							90					32							725	
PD-11	STATION 9+26 TO STATION 23+55 NB	13M	160				363		128					32					1450			
PD-11	STATION 9+26 TO STATION 23+55 NB	27B					725												725			
PD-11	STATION 9+26 TO STATION 23+55 NB	HOV																				17
PD-11	STATION 9+26 TO STATION 23+55 NB	LANE																				24
SUBTOTAL			1548			6749	9204	4705	1744		8			611	169			6682	18126		8347	235
TOTAL			1548	-	-	20658			1744	788								33155				235

PAVEMENT DELINEATION QUANTITIES

PDQ-4

REVISED BY | DATE REVISED

TRAN HOANG | HORMUZD SETHNA

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® TRAFFIC DESIGN

LAST REVISION 02-27-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:37

PAVEMENT DELINEATION QUANTITIES

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	586	1743

Tran Hoang 3-7-12
REGISTERED CIVIL ENGINEER DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE TRAFFIC STRIPE			PAVEMENT MARKER									THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
PD-11	STATION 9+26 TO STATION 23+55 NB	DIAMOND																				11
PD-11	STATION 570+40 TO STATION 571+07 SB	25	4			67									4			67				
PD-11	STATION 570+40 TO STATION 571+07 SB	M10M							6					4							67	
PD-11	STATION 570+40 TO STATION 571+07 SB	13M	20				34		16					4					134			
PD-11	STATION 570+40 TO STATION 571+07 SB	27B					67												67			
PD-11	STATION 9+26 TO STATION 23+55 SB	25	17			725									17			725				
PD-11	STATION 9+26 TO STATION 23+55 SB	M10M							90					32							725	
PD-11	STATION 9+26 TO STATION 23+55 SB	13M	160				363		128					32					1450			
PD-11	STATION 9+26 TO STATION 23+55 SB	27B					725												725			
PD-11	STATION 9+26 TO STATION 23+55 SB	HOV																				17
PD-11	STATION 9+26 TO STATION 23+55 SB	LANE																				24
PD-11	STATION 9+26 TO STATION 23+55 SB	DIAMOND																				22
PD-11	STATION 14+50 TO STATION 17+20 SB	36A	13				270	540						13					270		270	
PD-11	STATION 11+50 TO STATION 14+50 SB	8					100												300			
PD-11	STATION 14+50 TO STATION 18+80 SB	25A	19			430									19			430				
PD-11	STATION 11+50 TO STATION 21+55 SB	27B					1005												1005			
PD-11	S. LA CADENA STATION 15+00 TO STATION 18+40 NB	22	16			1360						16						680				
PD-11	S. LA CADENA STATION 21+00 TO STATION 24+00 NB	12	8				75							8					300			
PD-11	S. LA CADENA STATION 21+50 TO STATION 24+00 NB	38	12				250	500						12							250	
PD-11	S. LA CADENA STATION 9+50 TO STATION 12+00 NB	24				250												250				
PD-11	S. LA CADENA STATION 9+50 TO STATION 12+00 NB	27B					250												250			
PD-11	S. LA CADENA STATION 18+40 TO STATION 24+00 NB	24				560												560				
PD-11	S. LA CADENA STATION 9+50 TO STATION 12+00 NB	12	6				36							6					250			
PD-11	S. LA CADENA STATION 15+00 TO STATION 24+00 NB	27B					900												900			
PD-11	S. LA CADENA STATION 15+00 TO STATION 24+00 NB	ARROW TYPE IV																				30
PD-11	S. LA CADENA STATION 15+00 TO STATION 24+00 NB	X-HATCH																				570
PD-11	S. LA CADENA STATION 18+40 TO STATION 24+00 SB	24				560												560				
PD-11	S. LA CADENA STATION 15+00 TO STATION 24+00 SB	27B					900												900			
PD-11	S. LA CADENA STATION 9+50 TO STATION 12+00 SB	24				250												250				
PD-11	S. LA CADENA STATION 9+50 TO STATION 12+00 SB	27B					250												250			
PD-11	S. LA CADENA STATION 9+50 TO STATION 12+00 SB	38						500													250	
PD-11	S. LA CADENA STATION 9+50 TO STATION 12+00 SB	ARROW TYPE IV																				45
PD-11	S. LA CADENA STATION 9+50 TO STATION 12+00 SB	LIMIT LINE																				40
PD-11	S. LA CADENA STATION 15+00 TO STATION 24+00 NB	LIMIT LINE																				40
PD-12	STATION 23+50 TO STATION 38+55 NB	25	34			1505									34			1505				
PD-12	STATION 23+50 TO STATION 38+55 NB	M10M						1505	188					64							1505	
PD-12	STATION 23+50 TO STATION 38+55 NB	13M	320				753		256					64					3010			
PD-12	STATION 23+50 TO STATION 38+55 NB	27B					1505												1505			
PD-12	STATION 23+50 TO STATION 38+55 NB	HOV																				17
PD-12	STATION 23+50 TO STATION 38+55 NB	LANE																				24
PD-12	STATION 23+50 TO STATION 38+55 NB	DIAMOND																				22
PD-12	STATION 26+00 TO STATION 29+00 NB	36	26					1200						26							600	
PD-12	STATION 26+40 TO STATION 35+00 NB	25A	30			750									30			750				
PD-12	STATION 26+40 TO STATION 38+55 NB	27B					750												750			
PD-12	STATION 28+50 TO STATION 36+00 NB	25A	40			950									40			950				
PD-12	STATION 28+50 TO STATION 36+00 NB	27B					950												950			
PD-12	STATION 35+00 TO STATION 38+55 NB	36B	16				355	710						16					355		355	
PD-12	IOWA AVE STATION 25+80 TO STATION 28+30	27B					250												250			
PD-12	IOWA AVE STATION 25+80 TO STATION 26+50	38	4					140						4							70	
PD-12	IOWA AVE STATION 25+80 TO STATION 28+00	22				440						20						220				
PD-12	IOWA AVE STATION 27+30 TO STATION 40+00	22				2540						56						1270				
PD-12	IOWA AVE STATION 27+30 TO STATION 40+00	27B					2540												2540			
PD-12	STATION 23+55 TO STATION 38+55 SB	25	34			1505									34			1505				
PD-12	STATION 23+55 TO STATION 38+55 SB	M10M							188					64							1505	
PD-12	STATION 23+55 TO STATION 38+55 SB	13M	320				753		256					64					3010			
PD-12	STATION 23+55 TO STATION 38+55 SB	27B					1505												1505			
SUBTOTAL			1099			11892	14586	5095	1128			92		413	178			9722	20676		5597	862
TOTAL			1099				31573		1128				683						35995			862

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA

REVISED BY | DATE REVISED

PAVEMENT DELINEATION QUANTITIES

PDQ-5

LAST REVISION 03-07-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:37

PAVEMENT DELINEATION QUANTITIES

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	587	1743

REGISTERED CIVIL ENGINEER 3-7-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE TRAFFIC STRIPE			PAVEMENT MARKER									THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
PD-12	STATION 23+55 TO STATION 38+55 SB	HOV																				17
PD-12	STATION 23+55 TO STATION 38+55 SB	LANE																				24
PD-12	STATION 23+55 TO STATION 38+55 SB	DIAMOND																				11
PD-12	STATION 32+50 TO STATION 35+00 SB	36	20					1000						20							500	
PD-12	STATION 23+00 TO STATION 32+50 SB	25A	35			850									35			850				
PD-12	STATION 23+00 TO STATION 35+00 SB	27B					1200												1200			
PD-12	STATION 35+00 TO STATION 36+00 SB	38B	10					200							10						100	
PD-12	STATION 36+00 TO STATION 38+50 SB	37	18					500			8			10							250	
PD-12	IOWA AVE STATION 18+50 TO STATION 25+50 NB	24				700												700				
PD-12	IOWA AVE STATION 18+50 TO STATION 25+50 NB	27B					700												700			
PD-12	IOWA AVE STATION 18+50 TO STATION 25+50 NB	ARROW TYPE III																				84
PD-12	IOWA AVE STATION 37+50 TO STATION 40+00 NB	X-HATCH																				50
PD-12	IOWA AVE STATION 39+00 TO STATION 40+00 NB	24				100												100				
PD-12	IOWA AVE STATION 37+50 TO STATION 40+00 NB	12	12				125							12					500			
PD-13	STATION 38+55 TO STATION 41+50 NB	36B	15					600						15							300	
PD-13	STATION 38+55 TO STATION 53+55 NB	25	34			1500									34			1500				
PD-13	STATION 38+55 TO STATION 53+55 NB	M10M							188					64							1500	
PD-13	STATION 38+55 TO STATION 53+55 NB	13M							256					64					3000			
PD-13	STATION 38+55 TO STATION 53+55 NB	27B																	1500			
PD-13	STATION 40+60 TO STATION 50+00 NB	13M	105				235		84					21					940			
PD-13	STATION 38+55 TO STATION 53+55 NB	HOV																				17
PD-13	STATION 38+55 TO STATION 53+55 NB	LANE																				24
PD-13	STATION 38+55 TO STATION 53+55 NB	DIAMOND																				22
PD-13	STATION 38+55 TO STATION 53+55 SB	25	34			1500									34			1500				
PD-13	STATION 38+55 TO STATION 53+55 SB	M10M							188					64							1500	
PD-13	STATION 38+55 TO STATION 53+55 SB	13M	320				750		256					64					3000			
PD-13	STATION 38+55 TO STATION 53+55 SB	27B					1500												1500			
PD-13	STATION 38+55 TO STATION 50+00 SB	37	76					2290			8			68							1145	
PD-13	STATION 38+55 TO STATION 50+00 SB	HOV																				17
PD-13	STATION 38+55 TO STATION 50+00 SB	LANE																				24
PD-13	STATION 38+55 TO STATION 50+00 SB	DIAMOND																				22
PD-14	STATION 53+55 TO STATION 68+10 NB	25	32			1455									32			1455				
PD-14	STATION 53+55 TO STATION 68+10 NB	M10M							188					64							1455	
PD-14	STATION 53+55 TO STATION 68+10 NB	13M	320				728		256					64					2910			
PD-14	STATION 53+55 TO STATION 68+10 NB	27B					1455												1455			
PD-14	STATION 53+55 TO STATION 68+10 NB	HOV																				17
PD-14	STATION 53+55 TO STATION 68+10 NB	LANE																				24
PD-14	STATION 53+55 TO STATION 68+10 NB	DIAMOND																				22
PD-14	STATION 53+55 TO STATION 68+10 SB	25	32			1455									32			1455				
PD-14	STATION 53+55 TO STATION 68+10 SB	M10M							188					64							1455	
PD-14	STATION 53+55 TO STATION 68+10 SB	13M	320				728		256					64					2910			
PD-14	STATION 53+55 TO STATION 68+10 SB	27B					1455												1455			
PD-14	STATION 53+55 TO STATION 68+10 SB	HOV																				17
PD-14	STATION 53+55 TO STATION 68+10 SB	LANE																				24
PD-14	STATION 53+55 TO STATION 68+10 SB	DIAMOND																				22
PD-14	STATION 66+50 TO STATION 68+15 SB	8					42												165			
SUBTOTAL			1383			7560	8918	4590	1860		16			658	177			7560	21235		8205	438
TOTAL			1383	-	-	21068			1860	851								37000				438

REVISED BY | DATE REVISED
TRAN HOANG | HORMUZD SETHNA
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR
WILLIAM E. WASSER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

PAVEMENT DELINEATION QUANTITIES
PDQ-6

LAST REVISION 03-07-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:37

PAVEMENT DELINEATION QUANTITIES

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	588	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE TRAFFIC STRIPE			PAVEMENT MARKER									THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
PD-15	STATION 68+10 TO STATION 83+10 NB	25	33			1500									33			1500				
PD-15	STATION 68+10 TO STATION 83+10 NB	M10M							188					64							1500	
PD-15	STATION 68+10 TO STATION 83+10 NB	13M	320				750		256					64					3000			
PD-15	STATION 68+10 TO STATION 83+10 NB	27B					1500												1500			
PD-15	STATION 68+10 TO STATION 83+10 NB	HOV																				17
PD-15	STATION 68+10 TO STATION 83+10 NB	LANE																				24
PD-15	STATION 68+10 TO STATION 83+10 NB	DIAMOND																				22
PD-15	STATION 70+00 TO STATION 72+70 NB	36	24					1080						24							540	
PD-15	STATION 72+70 TO STATION 80+50 NB	25A	34			780									34			780				
PD-15	STATION 70+00 TO STATION 80+50 NB	27B					730												730			
PD-15	STATION 78+50 TO STATION 79+50 NB	38	5					200						5							100	
PD-15	STATION 80+00 TO STATION 81+00 NB	38A						600													300	
PD-15	STATION 78+50 TO STATION 79+50 NB	ARROW TYPE III																				42
PD-15	STATION 80+00 TO STATION 83+10 NB	25A	14			310									14			310				
PD-15	STATION 80+00 TO STATION 83+10 NB	27B					310												310			
PD-15	STATION 68+10 TO STATION 83+10 SB	25	33			1500									33			1500				
PD-15	STATION 68+10 TO STATION 83+10 SB	M10M							188					64							1500	
PD-15	STATION 68+10 TO STATION 83+10 SB	13M	320				750		256					64				3000				
PD-15	STATION 68+10 TO STATION 83+10 SB	27B					1500											1500				
PD-15	STATION 68+10 TO STATION 83+10 SB	HOV																				17
PD-15	STATION 68+10 TO STATION 83+10 SB	LANE																				24
PD-15	STATION 68+10 TO STATION 83+10 SB	DIAMOND																				22
PD-15	STATION 68+10 TO STATION 72+00 SB	36A	10					400						10							200	
PD-15	STATION 72+00 TO STATION 76+00 SB	25A	16			400									16			400				
PD-15	STATION 68+10 TO STATION 76+00 SB	27B					800												800			
PD-15	STATION 68+10 TO STATION 70+00 SB	8					50												200			
PD-16	STATION 83+10 TO STATION 98+15 NB	25	33			1505									33			1505				
PD-16	STATION 83+10 TO STATION 98+15 NB	M10M							188					66							1505	
PD-16	STATION 83+10 TO STATION 98+15 NB	13M	320				750		256					64					3010			
PD-16	STATION 83+10 TO STATION 98+15 NB	27B					1505												1505			
PD-16	STATION 83+10 TO STATION 98+15 NB	DELETE HOV																				17
PD-16	STATION 83+10 TO STATION 98+15 NB	LANE																				24
PD-16	STATION 83+10 TO STATION 98+15 NB	DIAMOND																				11
PD-16	STATION 83+10 TO STATION 85+50 NB	25A	10			200									10			200				
PD-16	STATION 83+10 TO STATION 85+10 NB	27B					200												200			
PD-16	STATION 85+50 TO STATION 87+00 NB	36A	10					300							10						150	
PD-16	STATION 87+00 TO STATION 90+30 NB	8					58												230			
PD-16	STATION 83+10 TO STATION 98+15 SB	25	33			1505									33			1505				
PD-16	STATION 83+10 TO STATION 98+15 SB	M10M							188					66							1505	
PD-16	STATION 83+10 TO STATION 98+15 SB	13M	320				750		256					64					3010			
PD-16	STATION 83+10 TO STATION 98+15 SB	27B					1505												1505			
PD-16	STATION 83+10 TO STATION 98+15 SB	HOV																				17
PD-16	STATION 83+10 TO STATION 98+15 SB	LANE																				24
PD-16	STATION 83+10 TO STATION 98+15 SB	DIAMOND																				22
PD-16	STATION 88+30 TO STATION 91+00 SB	36	24					1080						24							540	
PD-16	STATION 85+00 TO STATION 88+30 SB	25A	15			330									15			330				
PD-16	STATION 85+00 TO STATION 91+00 SB	27B					600												600			
SUBTOTAL			1574	-	-	8030	11758	3660	1776					579	231			12530	16600		7840	283
TOTAL			1574	-	-	23448			1776	812								36970				283

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY / DATE REVISED

PAVEMENT DELINEATION QUANTITIES
PDQ-7

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	589	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

PAVEMENT DELINEATION QUANTITIES

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE TRAFFIC STRIPE			PAVEMENT MARKER									THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
PD-17	STATION 98+10 TO STATION 113+10 NB	25	33			1500									33			1500				
PD-17	STATION 98+10 TO STATION 113+10 NB	M10M							188					64							1500	
PD-17	STATION 98+10 TO STATION 113+10 NB	13M	320				750		256					64					3000			
PD-17	STATION 98+10 TO STATION 113+10 NB	27B					1500												1500			
PD-17	STATION 98+10 TO STATION 113+10 NB	HOV																				17
PD-17	STATION 98+10 TO STATION 113+10 NB	DIAMOND																				24
PD-17	STATION 98+10 TO STATION 113+10 SB	25	32			1500			32									1500				
PD-17	STATION 98+10 TO STATION 113+10 SB	M10M							188					64							1500	
PD-17	STATION 98+10 TO STATION 113+10 SB	13M	320				750		256					64					3000			
PD-17	STATION 98+10 TO STATION 113+10 SB	27B					1500												1500			
PD-17	STATION 98+10 TO STATION 113+10 SB	HOV																				17
PD-17	STATION 98+10 TO STATION 113+10 SB	LANE																				24
PD-17	STATION 98+10 TO STATION 113+10 SB	DIAMOND																				22
PD-18	STATION 113+10 TO STATION 127+80 NB	25	33			1470									33			1470				
PD-18	STATION 113+10 TO STATION 127+80 NB	M10M							184					64							1470	
PD-18	STATION 113+10 TO STATION 127+80 NB	13M	315				735		252					63					2940			
PD-18	STATION 113+10 TO STATION 127+80 NB	27B					1470												1470			
PD-18	STATION 113+10 TO STATION 127+80 NB	LANE																				24
PD-18	STATION 113+10 TO STATION 127+80 NB	DIAMOND																				22
PD-18	STATION 113+10 TO STATION 127+80 SB	25	33			1470									33			1470				
PD-18	STATION 113+10 TO STATION 127+80 SB	M10M							184					64							1470	
PD-18	STATION 113+10 TO STATION 127+80 SB	13M	315				735		252					63					2940			
PD-18	STATION 113+10 TO STATION 127+80 SB	27B					1470												1470			
PD-18	STATION 113+10 TO STATION 127+80 SB	HOV																				17
PD-18	STATION 113+10 TO STATION 127+80 SB	LANE																				24
PD-19	STATION 127+80 TO STATION 142+80 NB	25	33			1500									33			1500				
PD-19	STATION 127+80 TO STATION 142+80 NB	M10M							188					64							1500	
PD-19	STATION 127+80 TO STATION 142+80 NB	13M	320				750		256					64					3000			
PD-19	STATION 127+80 TO STATION 142+80 NB	27B					1500												1500			
PD-19	STATION 127+80 TO STATION 142+80 NB	HOV																				17
PD-19	STATION 127+80 TO STATION 142+80 NB	LANE																				24
PD-19	STATION 127+80 TO STATION 142+80 NB	DIAMOND																				22
PD-19	STATION 136+50 TO STATION 139+00 NB	36	10					500						10							250	
PD-19	STATION 139+00 TO STATION 142+80 NB	25A	18			380									18			380				
PD-19	STATION 139+00 TO STATION 142+80 NB	27B					380												380			
PD-19	STATION 142+25 TO STATION 142+80 NB	12	2				14							2					55			
PD-19	STATION 127+80 TO STATION 142+80 SB	25													33							
PD-19	STATION 127+80 TO STATION 142+80 SB	M10M							188					64							1500	
PD-19	STATION 127+80 TO STATION 142+80 SB	13M	320				750		256					64							3000	
SUBTOTAL			2104	-	-	7820	12304	500	2680					778	183			7820	22755		12190	254
TOTAL			2104	-	-	20624			2680	961								42765				254

PAVEMENT DELINEATION QUANTITIES
PDQ-8

REVISED BY | DATE REVISED
TRAN HOANG | HORMUZD SETHNA
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

LAST REVISION 02-27-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:38

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	590	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

PAVEMENT DELINEATION QUANTITIES

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE TRAFFIC STRIPE			PAVEMENT MARKER									THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
PD-19	STATION 127+80 TO STATION 142+80 SB	27B					1500												1500			
PD-19	STATION 127+80 TO STATION 142+80 SB	HOV																				17
PD-19	STATION 127+80 TO STATION 142+80 SB	LANE																				24
PD-19	STATION 127+80 TO STATION 142+80 SB	DIAMOND																				22
PD-19	STATION 139+50 TO STATION 142+80 SB	8					83												330			
PD-20	STATION 142+80 TO STATION 157+80 NB	25	33			1500									33			1500				
PD-20	STATION 142+80 TO STATION 157+80 NB	M10M							188					64							1500	
PD-20	STATION 142+80 TO STATION 157+80 NB	13M	320				750		256					64					3000			
PD-20	STATION 142+80 TO STATION 157+80 NB	27B					1500												1500			
PD-20	STATION 142+80 TO STATION 157+80 NB	HOV																				17
PD-20	STATION 142+80 TO STATION 157+80 NB	LANE																				24
PD-20	STATION 142+80 TO STATION 148+50 NB	25A	23			550									23			550				
PD-20	STATION 142+80 TO STATION 148+50 NB	12	12				138							12					550			
PD-20	STATION 142+80 TO STATION 148+50 NB	27B					550												550			
PD-20	STATION 149+00 TO STATION 150+50 NB	36B	8				150	300						8					150		150	
PD-20	STATION 147+00 TO STATION 149+00 NB	25A	10			200									10			200				
PD-20	STATION 150+35 TO STATION 153+50 NB	13M	35				79		28					7					315			
PD-20	STATION 142+80 TO STATION 157+80 SB	25	33			1500									33			1500				
PD-20	STATION 142+80 TO STATION 157+80 SB	M10M							188					64							1500	
PD-20	STATION 142+80 TO STATION 157+80 SB	13M	320				750		256					64					3000			
PD-20	STATION 142+80 TO STATION 157+80 SB	27B					1500												1500			
PD-20	STATION 142+80 TO STATION 157+80 SB	LANE																				17
PD-20	STATION 142+80 TO STATION 157+80 SB	DIAMOND																				24
PD-20	STATION 150+50 TO STATION 157+80 SB	37	60					146			8			52							730	
PD-20	STATION 147+80 TO STATION 150+50 SB	36	24					1080						24							540	
PD-20	STATION 145+00 TO STATION 147+00 SB	25A	12			280								12				280				
PD-20	STATION 145+00 TO STATION 147+80 SB	27B					280												280			
PD-20	STATION 145+70 TO STATION 146+50 SB	12	5				60							5					240			
PD-20	STATION 145+00 TO STATION 147+00 SB	25A	8			200									8			200				
PD-20	STATION 142+80 TO STATION 147+00 SB	27B					420												420			
PD-20	STATION 142+80 TO STATION 144+70 SB	36A	8					760						8							380	
PD-20	STATION 145+05 TO STATION 147+00 SB	10	35						30					5								
PD-21	STATION 157+80 TO STATION 171+00 NB	25	30			1320									30			1320				
PD-21	STATION 157+80 TO STATION 171+00 NB	M10M							168					58							1320	
PD-21	STATION 157+80 TO STATION 171+00 NB	13M							224					56					2640			
PD-21	STATION 157+80 TO STATION 171+00 NB	27B					1320												1320			
PD-21	STATION 162+50 TO STATION 167+80 NB	36B	22				520	1040						22					520		520	
PD-21	STATION 158+50 TO STATION 162+50 NB	25A	15			330									15			330				
PD-21	STATION 158+50 TO STATION 167+70 NB	27B					890												890			
SUBTOTAL			1013			5880	10490	3326	1338		8			525	152			5880	18705		6640	145
TOTAL			1013	-	-	19696			1338	685								31225				145

PAVEMENT DELINEATION QUANTITIES

PDQ-9

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY / DATE REVISED

LAST REVISION 02-27-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:38

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	591	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

PAVEMENT DELINEATION QUANTITIES

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE TRAFFIC STRIPE			PAVEMENT MARKER									THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE					RECESSED TYPE							
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
PD-21	STATION 167+80 TO STATION 171+00 NB	37	20					80			8			12							320	
PD-21	STATION 157+80 TO STATION 171+00 NB	HOV																				17
PD-21	STATION 157+80 TO STATION 171+00 NB	LANE																				24
PD-21	STATION 157+80 TO STATION 171+00 NB	DIAMOND																				22
PD-21	STATION 157+80 TO STATION 171+00 SB	25	30			1320									30			1320				
PD-21	STATION 157+80 TO STATION 171+00 SB	MIOM							168					58							1320	
PD-21	STATION 157+80 TO STATION 171+00 SB	13M	280				660		224					56					2640			
PD-21	STATION 157+80 TO STATION 171+00 SB	27B					1320												1320			
PD-21	STATION 157+80 TO STATION 171+00 SB	37	88					268			8			80							1320	
PD-21	STATION 157+80 TO STATION 171+00 SB	HOV																				17
PD-21	STATION 157+80 TO STATION 171+00 SB	DIAMOND																				11
PD-22	STATION 171+00 TO STATION 184+75 NB	25	31			1375									31			1375				
PD-22	STATION 171+00 TO STATION 184+75 NB	MIOM							172					60							1375	
PD-22	STATION 171+00 TO STATION 184+75 NB	13M	395				688		336					59					2750			
PD-22	STATION 171+00 TO STATION 184+75 NB	27B					1375												1375			
PD-22	STATION 171+00 TO STATION 184+75 NB	37	92					275			8			84							1375	
PD-22	STATION 171+00 TO STATION 184+75 NB	HOV																				17
PD-22	STATION 171+00 TO STATION 184+75 NB	LANE																				24
PD-22	STATION 171+00 TO STATION 184+75 NB	DIAMOND																				22
PD-22	STATION 171+00 TO STATION 184+75 SB	25	31			1375									31			1375				
PD-22	STATION 171+00 TO STATION 184+75 SB	MIOM							172					60							1375	
PD-22	STATION 171+00 TO STATION 184+75 SB	13M	395				688		336					59					2750			
PD-22	STATION 171+00 TO STATION 184+75 SB	27B					1375												1375			
PD-22	STATION 171+00 TO STATION 184+75 SB	37	92					275			8			84							1375	
PD-22	STATION 171+00 TO STATION 184+75 SB	HOV																				17
PD-22	STATION 171+00 TO STATION 184+75 SB	LANE																				24
PD-22	STATION 171+00 TO STATION 184+75 SB	DIAMOND																				11
PD-23	STATION 184+75 TO STATION 200+00 NB	25	34			1525									34			1525				
PD-23	STATION 184+75 TO STATION 200+00 NB	MIOM							190					66							1525	
PD-23	STATION 184+75 TO STATION 200+00 NB	13M	325				763		260					65					3050			
PD-23	STATION 184+75 TO STATION 200+00 NB	27B					1525												1525			
PD-23	STATION 184+75 TO STATION 193+20 NB	37	56					165			8			48							845	
PD-23	STATION 184+75 TO STATION 200+00 NB	HOV																				17
PD-23	STATION 184+75 TO STATION 200+00 NB	LANE																				24
PD-23	STATION 184+75 TO STATION 200+00 NB	DIAMOND																				11
PD-23	STATION 193+20 TO STATION 198+00 NB	38B	40					960						40							480	
PD-23	STATION 187+50 TO STATION 190+00 NB	36	38					500						38							250	
SUBTOTAL			1947			5595	8394	2523	1858		40			869	126			5595	16785		11560	258
TOTAL			1947	-	-	16512			1858	1035								33940				258

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

PAVEMENT DELINEATION QUANTITIES
PDQ-10

LAST REVISION 02-27-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:38

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	592	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

PAVEMENT DELINEATION QUANTITIES

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE TRAFFIC STRIPE			PAVEMENT MARKER									THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
PD-23	STATION 184+75 TO STATION 200+00 SB	25	34			1525									34			1525				
PD-23	STATION 184+75 TO STATION 200+00 SB	M10M							190					66							1525	
PD-23	STATION 184+75 TO STATION 200+00 SB	13M	325				763		260					65					3050			
PD-23	STATION 184+75 TO STATION 200+00 SB	27B					1525												1525			
PD-23	STATION 184+75 TO STATION 200+00 SB	37	56					165			8			48							845	
PD-23	STATION 184+75 TO STATION 200+00 SB	HOV																				17
PD-23	STATION 184+75 TO STATION 200+00 SB	LANE																				24
PD-23	STATION 184+75 TO STATION 200+00 SB	DIAMOND																				22
PD-23	STATION 189+00 TO STATION 196+00 SB	36B	30				700	1400						30					700		700	
PD-23	STATION 189+00 TO STATION 200+00 SB	13M	115				275		92					23					1100			
PD-23	STATION 196+00 TO STATION 200+00 SB	25A	17			400									17			400				
PD-23	STATION 196+00 TO STATION 200+00 SB	27B					400												400			
PD-24	STATION 200+00 TO STATION 215+00 NB	25	33			1500									33			1500				
PD-24	STATION 200+00 TO STATION 215+00 NB	M10M							188					64							1500	
PD-24	STATION 200+00 TO STATION 215+00 NB	13M	320				750		256					64					3000			
PD-24	STATION 200+00 TO STATION 215+00 NB	27B					1500												1500			
PD-24	STATION 200+00 TO STATION 215+00 NB	HOV																				17
PD-24	STATION 200+00 TO STATION 215+00 NB	LANE																				24
PD-24	STATION 200+00 TO STATION 215+00 NB	DIAMOND																				22
PD-24	STATION 190+00 TO STATION 191+50 NB	36	13					600						13							300	
PD-24	STATION 190+00 TO STATION 195+70 NB	13M	60				140		48					12					560			
PD-24	STATION 191+50 TO STATION 195+50 NB	25A	16			400									16			400				
PD-24	STATION 190+00 TO STATION 195+70 NB	27B					560												560			
PD-24	STATION 200+00 TO STATION 215+00 SB	25	33			1500									33			1500				
PD-24	STATION 200+00 TO STATION 215+00 SB	M10M							188					64							1500	
PD-24	STATION 200+00 TO STATION 215+00 SB	13M	320				750		256					64					3000			
PD-24	STATION 200+00 TO STATION 215+00 SB	27B					1500												1500			
PD-24	STATION 202+00 TO STATION 206+50 SB	13M	50				113		40					10					450			
PD-24	STATION 200+00 TO STATION 215+00 SB	HOV																				17
PD-24	STATION 200+00 TO STATION 215+00 SB	LANE																				24
PD-24	STATION 200+00 TO STATION 215+00 SB	DIAMOND																				22
PD-24	STATION 206+50 TO STATION 212+50 SB	36B	25				600	1200						25					600		600	
PD-24	STATION 207+00 TO STATION 215+30 SB	13M	95				208		76					19					830			
PD-24	STATION 212+50 STATION 215+30 SB	27B					280												280			
PD-24	STATION 212+50 TO STATION 215+30 SB	25A	12			280									12			280				
PD-24	STATION 200+00 TO STATION 203+50 SB	25A	16			350									16			350				
PD-24	STATION 200+00 TO STATION 203+50 SB	13M	40				88		32					8					350			
PD-24	STATION 200+00 TO STATION 203+50 SB	27B					350												350			
PD-25	STATION 215+00 TO STATION 230+00 NB	25	33			1500									33			1500				
PD-25	STATION 215+00 TO STATION 230+00 NB	M10M							188					64							1500	
PD-25	STATION 215+00 TO STATION 230+00 NB	13M	320				750		256					64					3000			
PD-25	STATION 215+00 TO STATION 230+00 NB	27B					1500												1500			
SUBTOTAL			1963			7455	12752	3365	2070		8			703	194			7455	24255		8470	189
TOTAL			1963	-	-	23572			2070	905								40180				189

PAVEMENT DELINEATION QUANTITIES
PDQ-11

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

LAST REVISION 02-27-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:38

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	593	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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PAVEMENT DELINEATION QUANTITIES

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE TRAFFIC STRIPE			PAVEMENT MARKER									THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
PD-25	STATION 220+50 TO STATION 226+00 NB	36	46					1100						46							550	
PD-25	STATION 220+50 TO STATION 226+00 NB	27B					550												550			
PD-25	STATION 215+00 TO STATION 230+00 NB	HOV																				17
PD-25	STATION 215+00 TO STATION 230+00 NB	LANE																				24
PD-25	STATION 215+00 TO STATION 230+00 NB	DIAMOND																				33
PD-25	STATION 215+00 TO STATION 230+00 SB	25	33			1500									33			1500				
PD-25	STATION 215+00 TO STATION 230+00 SB	MIOM							188					64							1500	
PD-25	STATION 215+00 TO STATION 230+00 SB	13M	320				750		256					64					3000			
PD-25	STATION 215+00 TO STATION 230+00 SB	27B					1500												1500			
PD-25	STATION 215+00 TO STATION 230+00 SB	HOV																				17
PD-25	STATION 215+00 TO STATION 230+00 SB	LANE																				24
PD-25	STATION 215+00 TO STATION 230+00 SB	DIAMOND																				22
PD-25	STATION 215+30 TO STATION 217+80 SB	25A	12			250									12			250				
PD-25	STATION 215+30 TO STATION 217+80 SB	13M	30				63		24					6					250			
PD-25	STATION 215+30 TO STATION 217+80 SB	27B					250												250			
PD-26	STATION 230+00 TO STATION 243+80 NB	25													31			1380				
PD-26	STATION 230+00 TO STATION 243+80 NB	MIOM							172					60							1380	
PD-26	STATION 230+00 TO STATION 243+80 NB	13M	295				690		236					59					2760			
PD-26	STATION 230+00 TO STATION 243+80 NB	27B					1380												1380			
PD-26	STATION 230+00 TO STATION 243+80 NB	HOV																				17
PD-26	STATION 230+00 TO STATION 243+80 NB	LANE																				24
PD-26	STATION 230+00 TO STATION 243+80 NB	DIAMOND																				22
PD-26	STATION 235+50 TO STATION 237+50 NB	25A													8			200				
PD-26	STATION 235+50 TO STATION 243+50 NB	13M							72					18					800			
PD-26	STATION 235+50 TO STATION 237+50 NB	27B																	200			
PD-26	STATION 237+50 TO STATION 241+50 NB	36B												34							800	
PD-26	STATION 240+00 TO STATION 243+80 NB	25A	16			380									16			380				
PD-26	STATION 240+00 TO STATION 243+80 NB	13M	40				95		32					8					380			
PD-26	STATION 240+00 TO STATION 243+80 NB	27B					380												380			
PD-26	STATION 230+00 TO STATION 243+80 SB	25	31			1380									31			1380				
PD-26	STATION 230+00 TO STATION 243+80 SB	MIOM							172					60							1380	
PD-26	STATION 230+00 TO STATION 243+80 SB	13M	295				690		236					59					2760			
PD-26	STATION 230+00 TO STATION 240+00 SB	27B					1000												1000			
PD-26	STATION 230+00 TO STATION 243+80 SB	HOV																				17
PD-26	STATION 230+00 TO STATION 243+80 SB	LANE																				24
PD-26	STATION 230+00 TO STATION 243+80 SB	DIAMOND																				22
PD-26	STATION 238+50 TO STATION 243+80 SB	36	64					720						64							360	
PD-26	STATION 238+50 TO STATION 243+80 SB	13M	115				265		92					23					1060			
PD-26	STATION 238+50 TO STATION 243+80 SB	27B					530												530			
PD-27	STATION 243+80 TO STATION 258+80 NB	25	33			1500									33			1500				
PD-27	STATION 243+80 TO STATION 258+80 NB	MIOM							188					64							1500	
PD-27	STATION 243+80 TO STATION 258+80 NB	13M	580				1370		464					116					5480			
PD-27	STATION 243+80 TO STATION 258+80 NB	27B					1500												1500			
PD-27	STATION 244+50 TO STATION 258+80 NB	36B	20					1720	860					20							860	
SUBTOTAL			1930			5010	11013	3540	2992					765	164			6590	23780		8330	263
TOTAL			1930	-	-	19563			2992	929								38700				263

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

PAVEMENT DELINEATION QUANTITIES
PDQ-12

LAST REVISION 02-27-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:38

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	594	1743

REGISTERED CIVIL ENGINEER 2-27-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

PAVEMENT DELINEATION QUANTITIES

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE TRAFFIC STRIPE			PAVEMENT MARKER									THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
PD-27	STATION 243+80 TO STATION 245+50 NB	13M	20				45		16					4					170			
PD-27	STATION 243+80 TO STATION 258+80 NB	HOV																				17
PD-27	STATION 243+80 TO STATION 258+80 NB	LANE																				24
PD-27	STATION 243+80 TO STATION 258+80 NB	DIAMOND																				22
PD-27	STATION 243+80 TO STATION 258+80 SB	25	33			1500									33			1500				
PD-27	STATION 243+80 TO STATION 258+80 SB	MIOM							188					64							1500	
PD-27	STATION 243+80 TO STATION 258+80 SB	13M	580				1370		464					116					5480			
PD-27	STATION 243+80 TO STATION 258+80 SB	27B					1500												1500			
PD-27	STATION 243+80 TO STATION 258+80 SB	HOV																				17
PD-27	STATION 243+80 TO STATION 258+80 SB	LANE																				24
PD-27	STATION 243+80 TO STATION 258+80 SB	DIAMOND																				22
PD-27	STATION 243+80 TO STATION 245+25 SB	36	24					580						24							290	
PD-27	STATION 243+80 TO STATION 258+80 SB	37	40					300	188		8			64							1500	
PD-28	STATION 258+80 TO STATION 269+70 NB	25	25			1090									25			1090				
PD-28	STATION 258+80 TO STATION 269+70 NB	MIOM												48							1090	
PD-28	STATION 258+80 TO STATION 269+70 NB	13M	470				1090		376					94					4360			
PD-28	STATION 258+80 TO STATION 269+70 NB	27B					1090												1090			
PD-28	STATION 258+80 TO STATION 269+70 NB	HOV																				17
PD-28	STATION 258+80 TO STATION 269+70 NB	LANE																				24
PD-28	STATION 258+80 TO STATION 269+70 NB	DIAMOND																				11
PD-28	STATION 266+00 TO STATION 269+70 NB	37	26								8			18							370	
PD-28	STATION 265+50 TO STATION 268+50 NB	36	46					1200						46							600	
PD-28	STATION 258+80 TO STATION 269+70 SB	25	25			1090									25			1090				
PD-28	STATION 258+80 TO STATION 269+70 SB	MIOM							136					48							1090	
PD-28	STATION 258+80 TO STATION 269+70 SB	13M	230				545		184					46					2180			
PD-28	STATION 258+80 TO STATION 269+70 SB	27B					1090												1090			
PD-28	STATION 258+80 TO STATION 269+70 SB	HOV																				17
PD-28	STATION 258+80 TO STATION 269+70 SB	LANE																				24
PD-28	STATION 258+80 TO STATION 269+70 SB	DIAMOND																				11
PD-28	STATION 259+50 TO STATION 266+00 SB	36B	26				650	1300						26					650		650	
PD-28	STATION 258+80 TO STATION 269+70 SB	37	74					216						74							1090	
PD-29	STATION 269+70 TO STATION 278+25 NB	25	36			855									36			855				
PD-29	STATION 269+70 TO STATION 278+25 NB	MIOM							216					36							855	
PD-29	STATION 269+70 TO STATION 278+25 NB	13M	360				642		288					72					2565			
PD-29	STATION 269+70 TO STATION 278+25 NB	27B					855												855			
PD-29	STATION 269+70 TO STATION 278+25 NB	DIAMOND																				11
PD-29	STATION 269+70 TO STATION 278+25 NB	37	30					171			8			22							855	
PD-29	STATION 270+10 TO STATION 275+25 NB	25A	22			515									22			515				
PD-29	STATION 270+10 TO STATION 275+25 NB	10	98							84				14					575			
PD-29	STATION 270+10 TO STATION 275+25 NB	27B					575												575			
PD-29	STATION 270+10 TO STATION 275+25 NB	38	-	-	-	-	-	-	100					5							100	
SUBTOTAL			2165			5050	9452	3767	2156	84	24			821	141			5050	21090		9990	241
TOTAL			2165	-	-		18269		2156			1070							36130			241

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: TRAN HOANG
CHECKED BY: HORMUZD SETHNA
REVISED BY
DATE REVISED

PAVEMENT DELINEATION QUANTITIES
PDQ-13

LAST REVISION 02-27-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:38

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	595	1743

REGISTERED CIVIL ENGINEER 3-7-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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

PAVEMENT DELINEATION QUANTITIES

SHEET	LOCATION	DETAIL No. OR PAVEMENT MARKING	REMOVE PAVEMENT MARKERS	REMOVE THERMOPLASTIC PAVEMENT MARKING		REMOVE TRAFFIC STRIPE			PAVEMENT MARKER									THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)				THERMOPLASTIC PAVEMENT MARKING
						YELLOW	WHITE		NON-REFLECTIVE TYPE	RETROREFLECTIVE TYPE						RECESSED TYPE						
				YELLOW	WHITE	4 INCH	4 INCH	8 INCH	A	AY	C	D	E	G	H	D	G	4 INCH YELLOW	4 INCH WHITE	6 INCH WHITE	8 INCH WHITE	
			EA	SQ FT	SQ FT	ft	ft		EA	EA						EA		ft				SQ FT
PD-29	STATION 277+50 TO STATION 278+25 NB	36	12					600						12							300	
PD-29	STATION 269+70 TO STATION 276+50 SB	25	28			680									28			680				
PD-29	STATION 269+70 TO STATION 276+50 SB	M10M							84					30							680	
PD-29	STATION 269+70 TO STATION 276+50 SB	13M	280				340		224					56					1360			
PD-29	STATION 269+70 TO STATION 276+50 SB	27B					680												680			
PD-29	STATION 272+00 TO STATION 274+00 SB	36B	12					600						12							300	
PD-30	AUTO CNT STATION 269+70 TO STATION 273+50	25A	16			380									16			380				
PD-30	AUTO CNT STATION 269+70 TO STATION 273+50	27B					380												380			
PD-32/33	NEWPORT AVE OVERCROSSING STA 11+95 TO STA 17+40	22										48						545				
PD-32/33	NEWPORT AVE OVERCROSSING STA 11+95 TO STA 17+40	27B																	1,090			
SUBTOTAL			348			1060	1400	1200	308			48		110	44			1605	3510		1280	
SUBTOTAL			348			3660			308	202								6395				
TOTAL			22627		196	281139			26364	12118								492101				3870

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: HORMUZD SETHNA
CHECKED BY
REVISED BY: TRAN HOANG
DATE REVISED

PAVEMENT DELINEATION QUANTITIES
PDQ-14

LAST REVISION 03-07-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:38

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	596	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

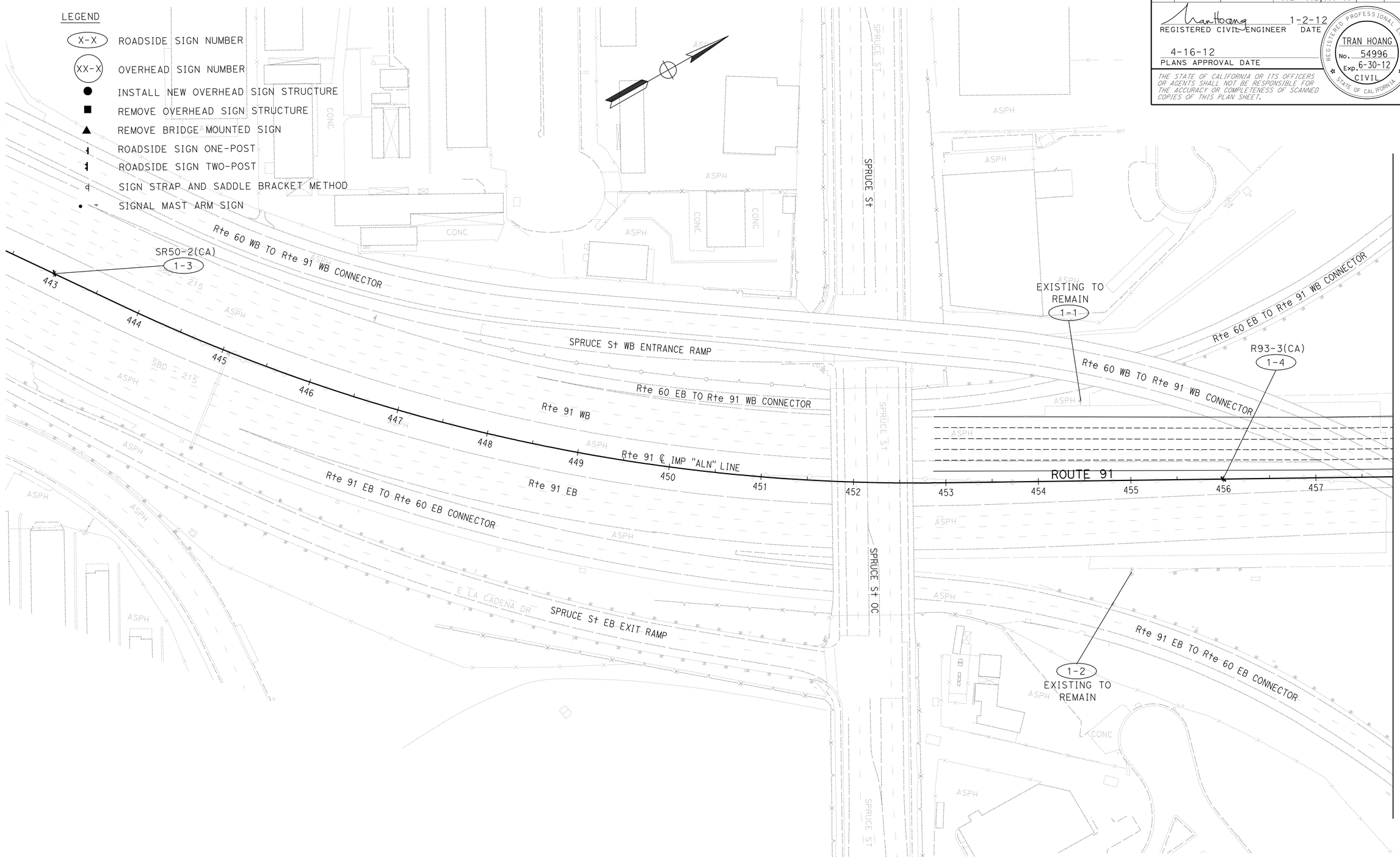
4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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

LEGEND

- X-X ROADSIDE SIGN NUMBER
- XX-X OVERHEAD SIGN NUMBER
- INSTALL NEW OVERHEAD SIGN STRUCTURE
- REMOVE OVERHEAD SIGN STRUCTURE
- REMOVE BRIDGE MOUNTED SIGN
- ROADSIDE SIGN ONE-POST
- ROADSIDE SIGN TWO-POST
- SIGN STRAP AND SADDLE BRACKET METHOD
- SIGNAL MAST ARM SIGN



SIGN PLAN

SCALE: 1"=50'

S-1

APPROVED FOR SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: HORMUZD SETHNA
CHECKED BY: TRAN HOANG
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:43

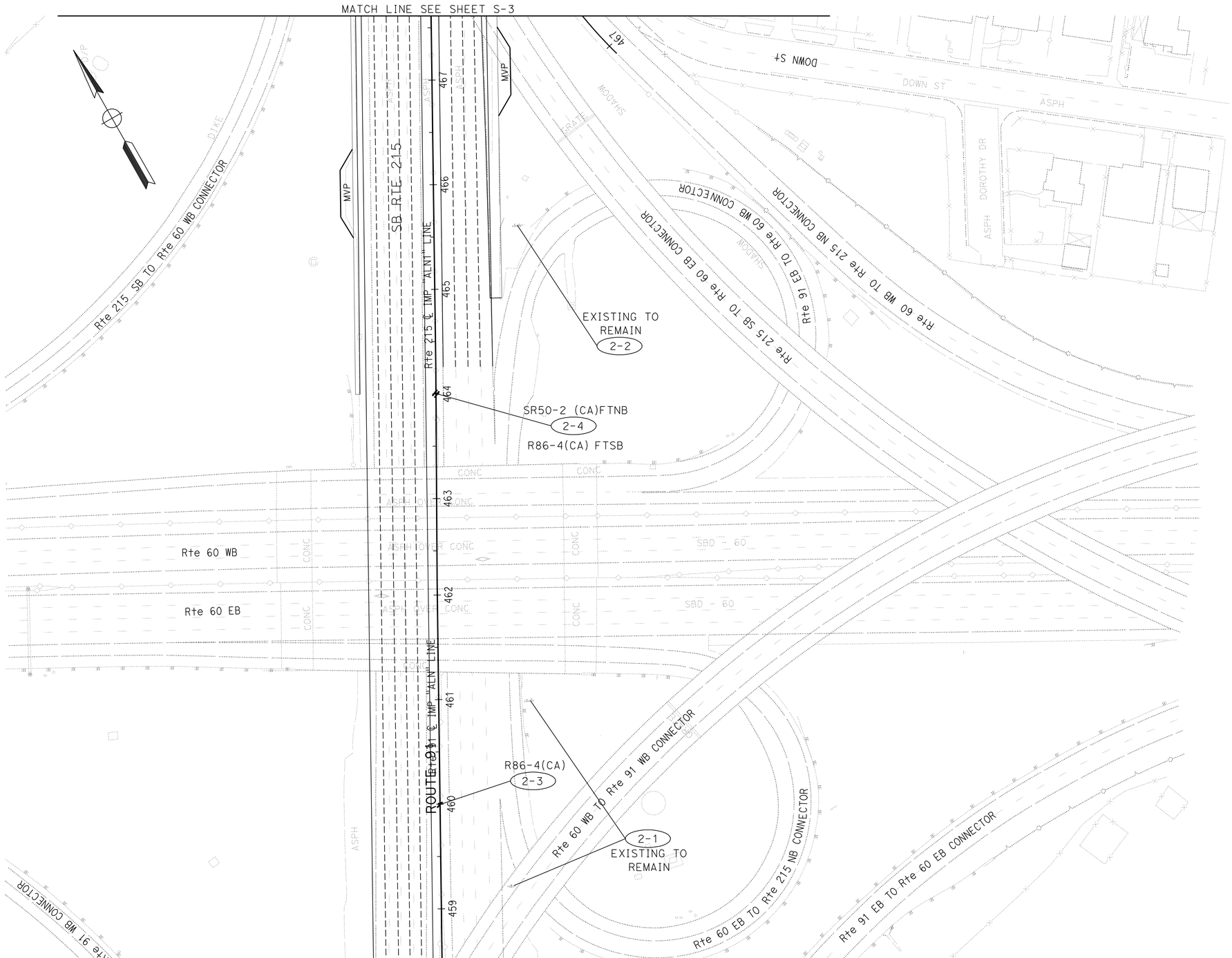
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	597	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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



APPROVED FOR SIGN WORK ONLY

SIGN PLAN

SCALE: 1"=50'

S-2

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY	HORMUZD SETHNA
CHECKED BY	TRAN HOANG

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® **TRAFFIC DESIGN**

LAST REVISION 01-02-12 | DATE PLOTTED => 17-APR-2012 | TIME PLOTTED => 18:43

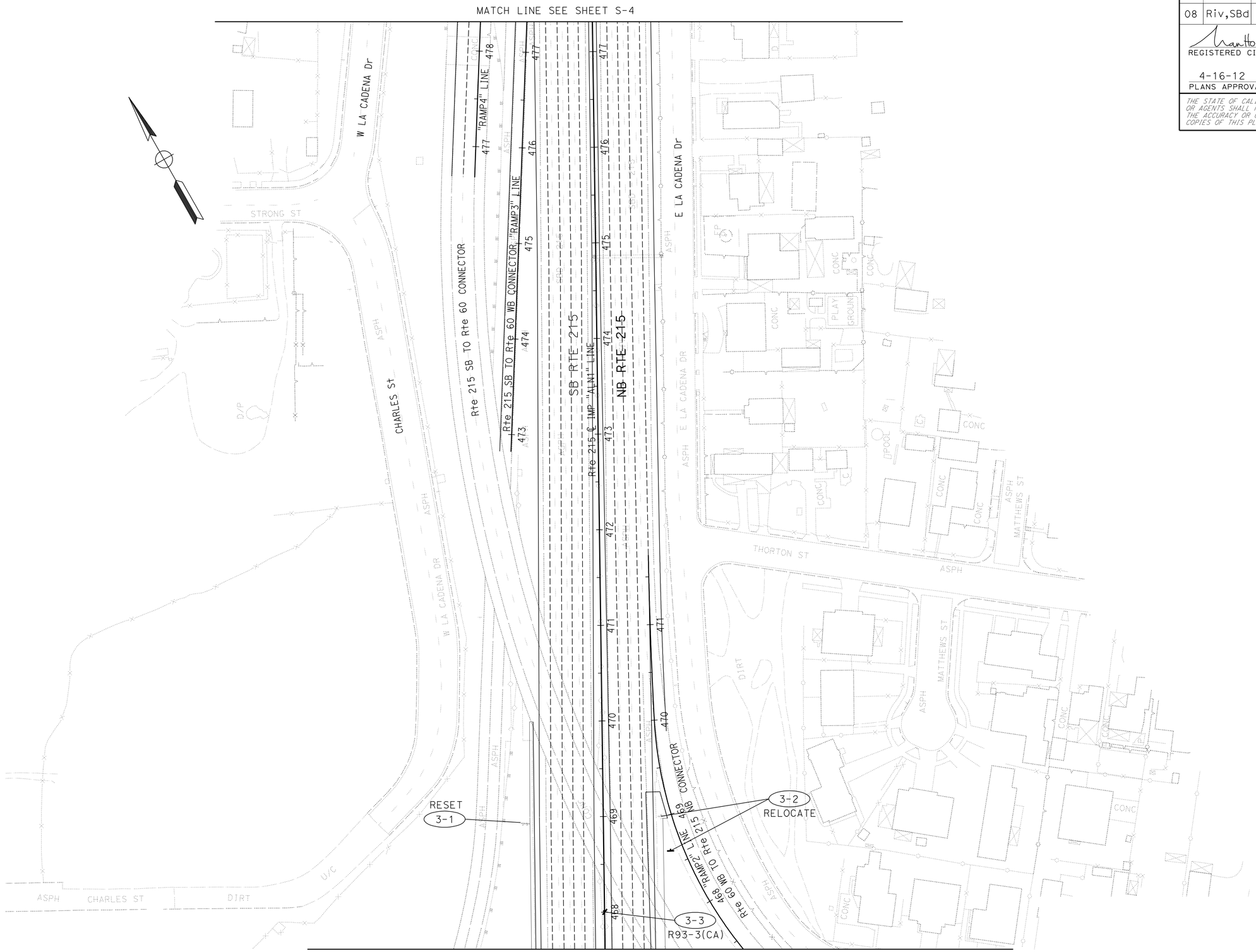
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	598	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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



APPROVED FOR SIGN WORK ONLY

SIGN PLAN

SCALE: 1"=50'

S-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER
CALCULATED-DESIGNED BY: HORMUZD SETHNA
CHECKED BY: TRAN HOANG
REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:45

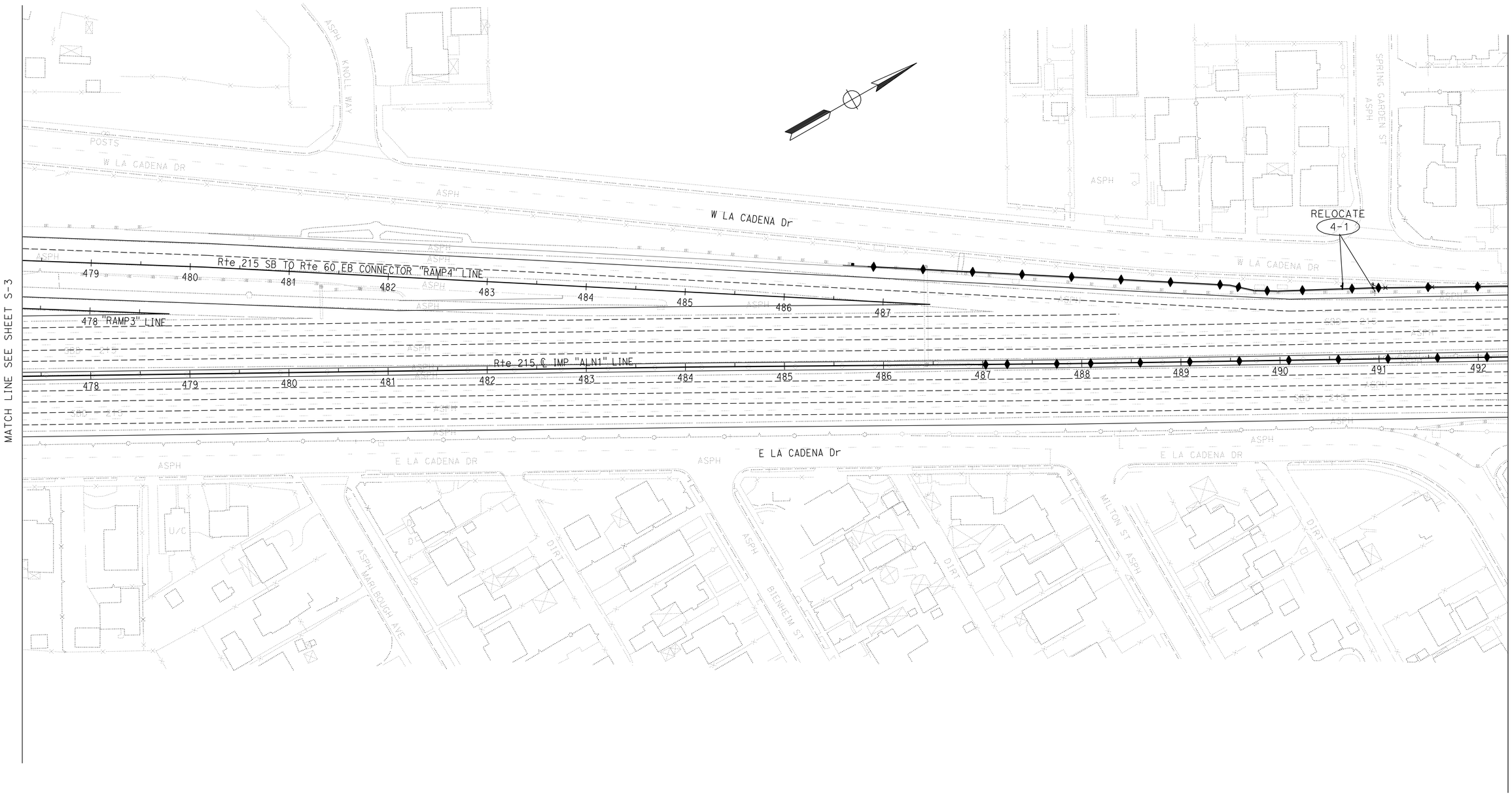
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	599	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TRAN HOANG
No. 54996
Exp. 6-30-12
CIVIL
STATE OF CALIFORNIA

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



SIGN PLAN

SCALE: 1"=50'

S-4

APPROVED FOR SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: HORMUZD SETHNA
CHECKED BY: TRAN HOANG

REVISED BY
DATE REVISED

LAST REVISION 01-02-12
DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:43

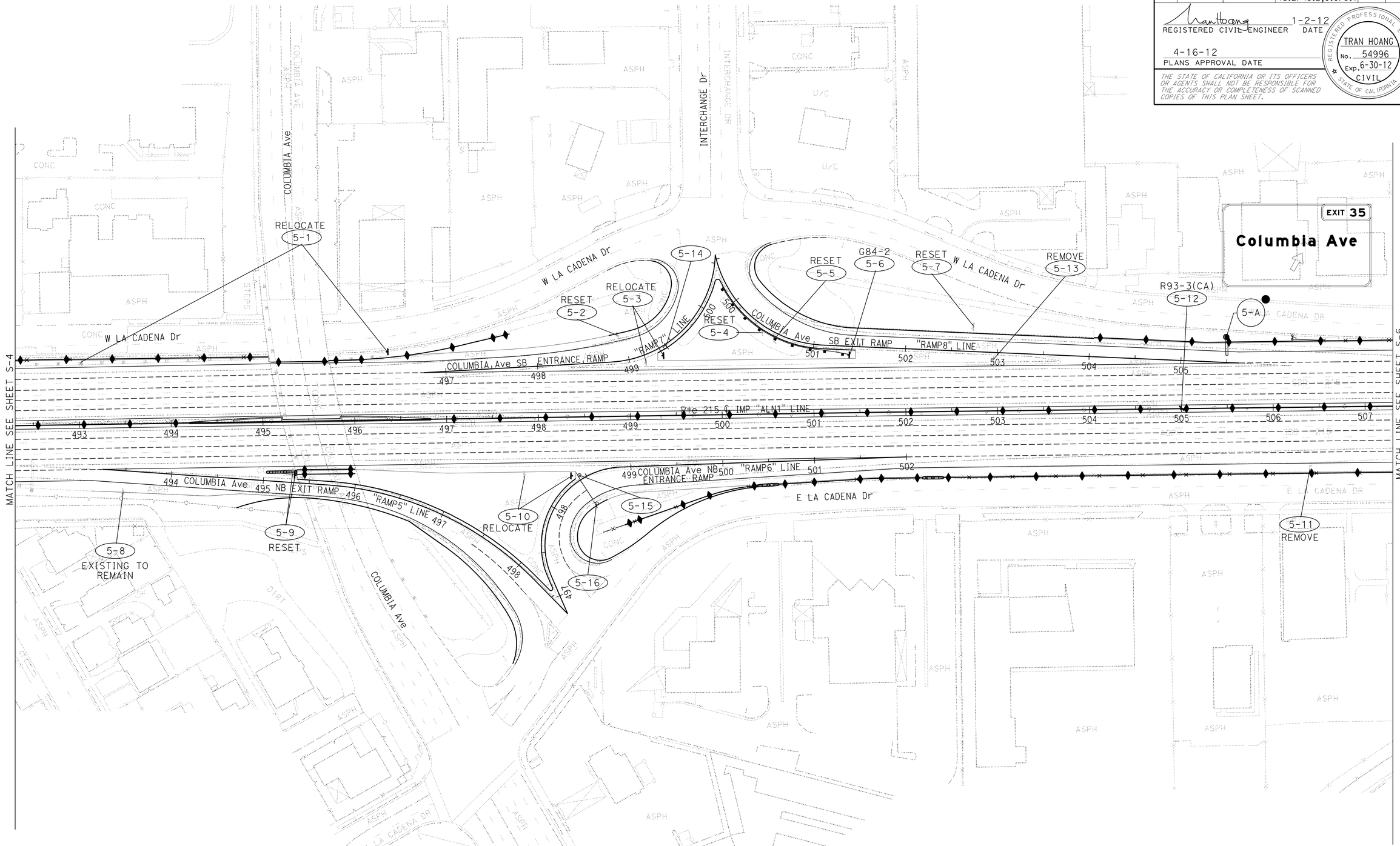
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv,SBd	91,215	21.5/21.7, 43.2/45.2,0.0/5.1	600	1743

REGISTERED CIVIL ENGINEER 1-2-12 DATE

4-16-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER TRAN HOANG No. 54996 Exp. 6-30-12 CIVIL STATE OF CALIFORNIA

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



SIGN PLAN

SCALE: 1"=50'

S- 5

APPROVED FOR SIGN WORK ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® **TRAFFIC DESIGN**

FUNCTIONAL SUPERVISOR: WILLIAM E. WASSER

CALCULATED-DESIGNED BY: HORMUZD SETHNA

CHECKED BY: TRAN HOANG

REVISED BY

DATE REVISED

LAST REVISION 01-02-12

DATE PLOTTED => 17-APR-2012
TIME PLOTTED => 18:44