Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	201	1073

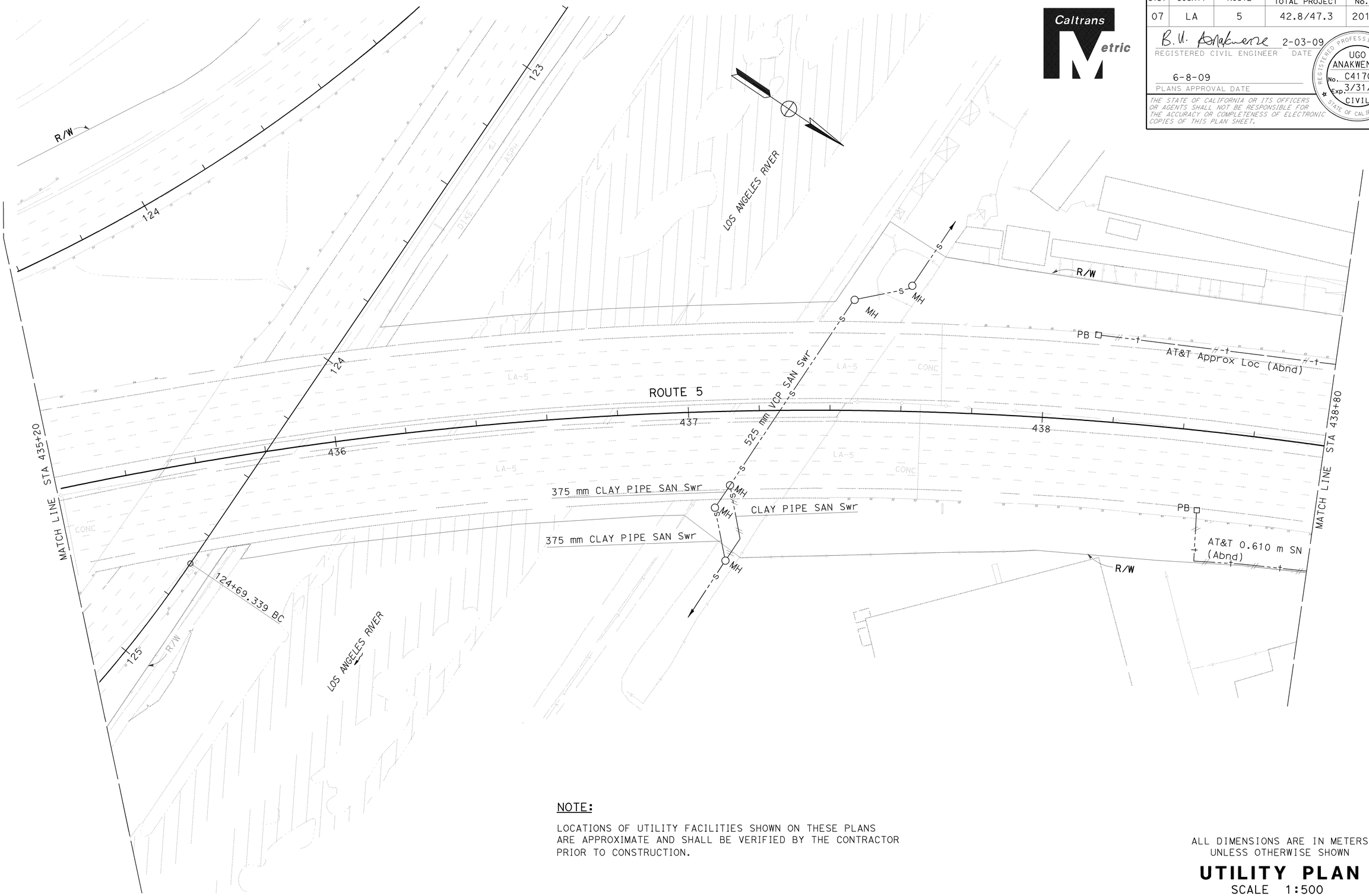
B.U. Anakwenze 2-03-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
UGO ANAKWENZE
No. C41703
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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

Caltrans Metric



NOTE:

LOCATIONS OF UTILITY FACILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

UTILITY PLAN

SCALE 1:500

THIS PLAN ACCURATE FOR EXISTING UTILITIES ONLY.

U-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ENGINEERING SERVICES

FUNCTIONAL SUPERVISOR: UGO ANAKWENZE
CALCULATED-DESIGNED BY: EZEDIN MUSELLEM
CHECKED BY: DAWIT WORKU
REVISED BY
DATE REVISED

LAST REVISION 12-26-07
DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:10

NOTE:

LOCATIONS OF UTILITY FACILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

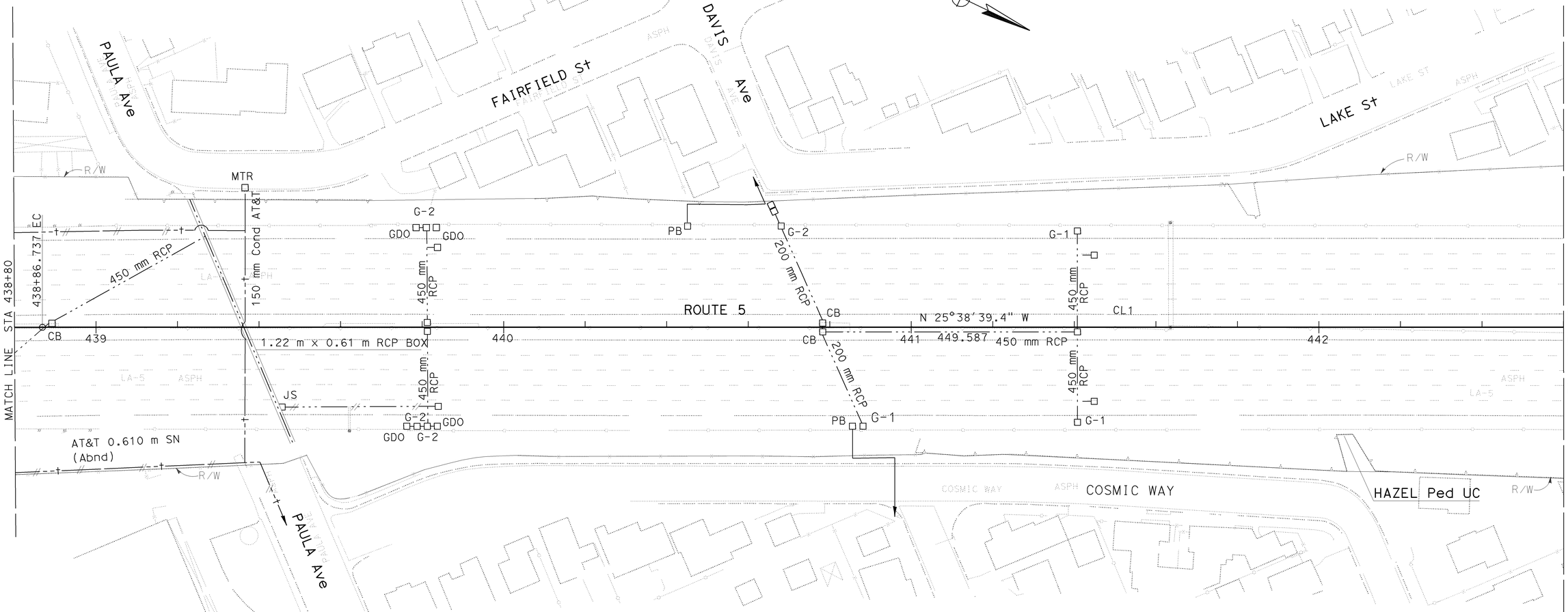
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	202	1073

B.U. Anakwenze 2-03-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
UGO ANAKWENZE
No. C41703
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

UTILITY PLAN

SCALE 1:500

U-5

THIS PLAN ACCURATE FOR EXISTING UTILITIES ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ENGINEERING SERVICES

FUNCTIONAL SUPERVISOR: UGO ANAKWENZE
CALCULATED-DESIGNED BY
CHECKED BY
DAWIT WORKU
EZEDIN MUSELLEM
REVISED BY
DATE REVISED

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:10

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trrichf
DGN FILE => 712184ka005.dgn

CU 07328

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	203	1073

B. U. Anakwenze 2-03-09
REGISTERED CIVIL ENGINEER DATE

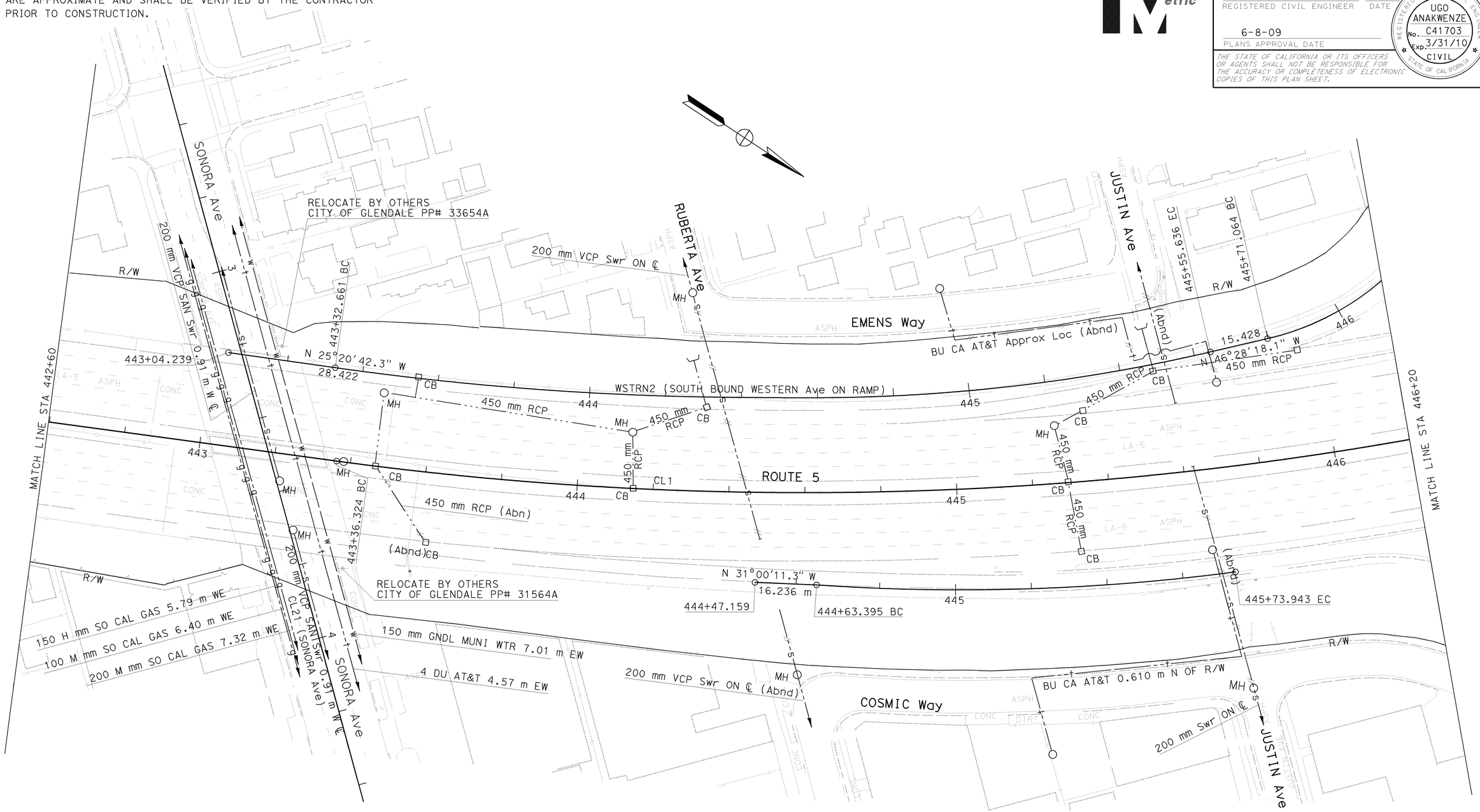
UGO ANAKWENZE No. C41703 Exp. 3/31/10 CIVIL
REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

NOTE:

LOCATIONS OF UTILITY FACILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

UTILITY PLAN
SCALE 1:500

THIS PLAN ACCURATE FOR EXISTING UTILITIES ONLY.

U-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ENGINEERING SERVICES

FUNCTIONAL SUPERVISOR: UGO ANAKWENZE
CALCULATED-DESIGNED BY:
CHECKED BY: DAWIT WORKU
REVISED BY:
DATE REVISED:

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:10
12-26-07

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trrichf
DGN FILE => 712184kq006.dgn

CU 07328

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	204	1073

B.U. Anakwenze 2-03-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

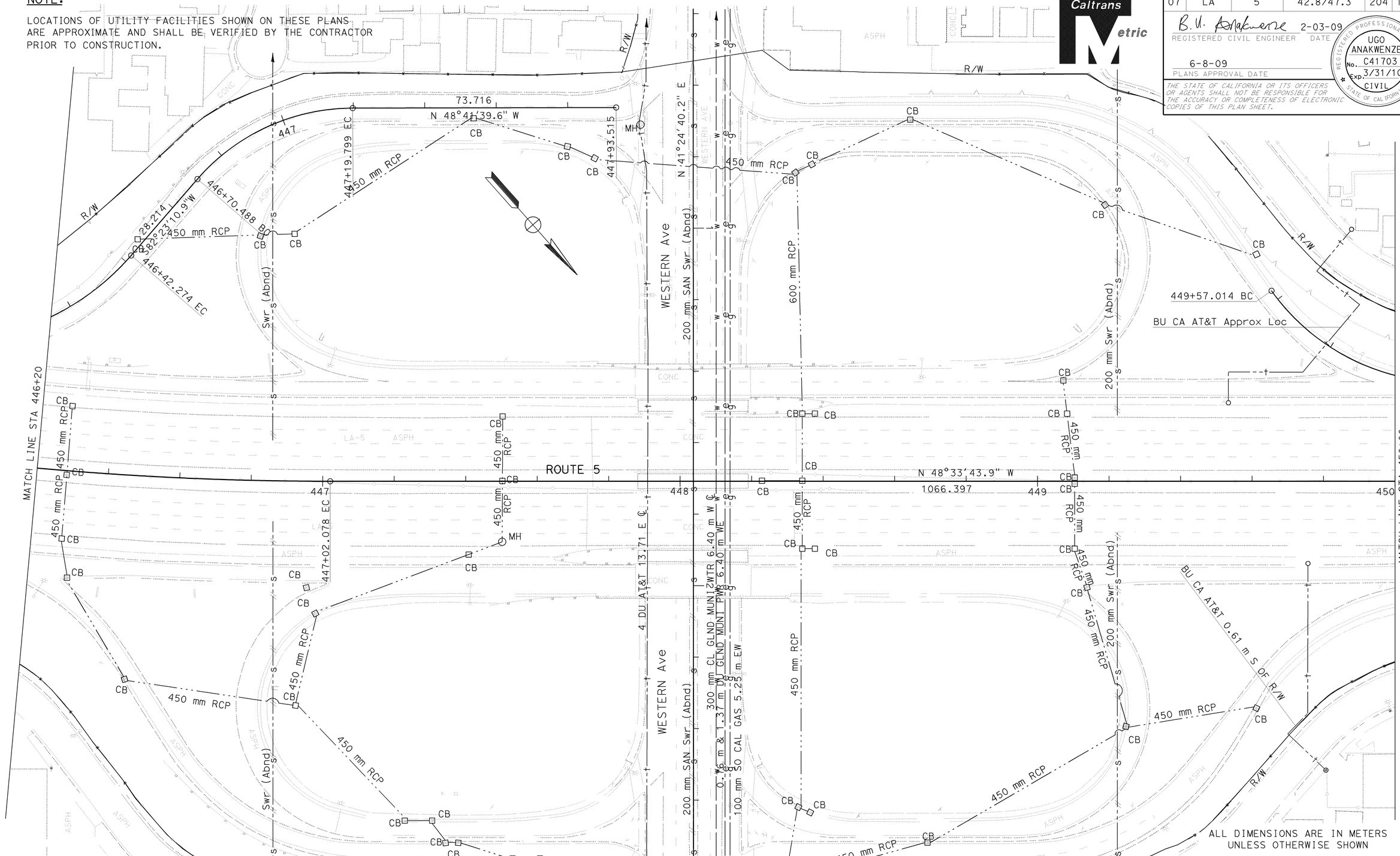
REGISTERED PROFESSIONAL ENGINEER — UGO ANAKWENZE — No. C41703 — Exp. 3/31/10 — CIVIL — STATE OF CALIFORNIA

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

Caltrans Metric

NOTE:

LOCATIONS OF UTILITY FACILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

UTILITY PLAN

SCALE 1:500

THIS PLAN ACCURATE FOR EXISTING UTILITIES ONLY.

U-7

CALCULATED-DESIGNED BY	EZEDIN MUSELLEM	REVISED BY	
CHECKED BY	DAWIT WORKU	DATE REVISED	
FUNCTIONAL SUPERVISOR	UGO ANAKWENZE		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ENGINEERING SERVICES

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 0110
12-26-07

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trrichf
DGN FILE => 712184ka007.dgn

CU 07328

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	205	1073

B. U. Anakwenze 2-03-09
REGISTERED CIVIL ENGINEER DATE

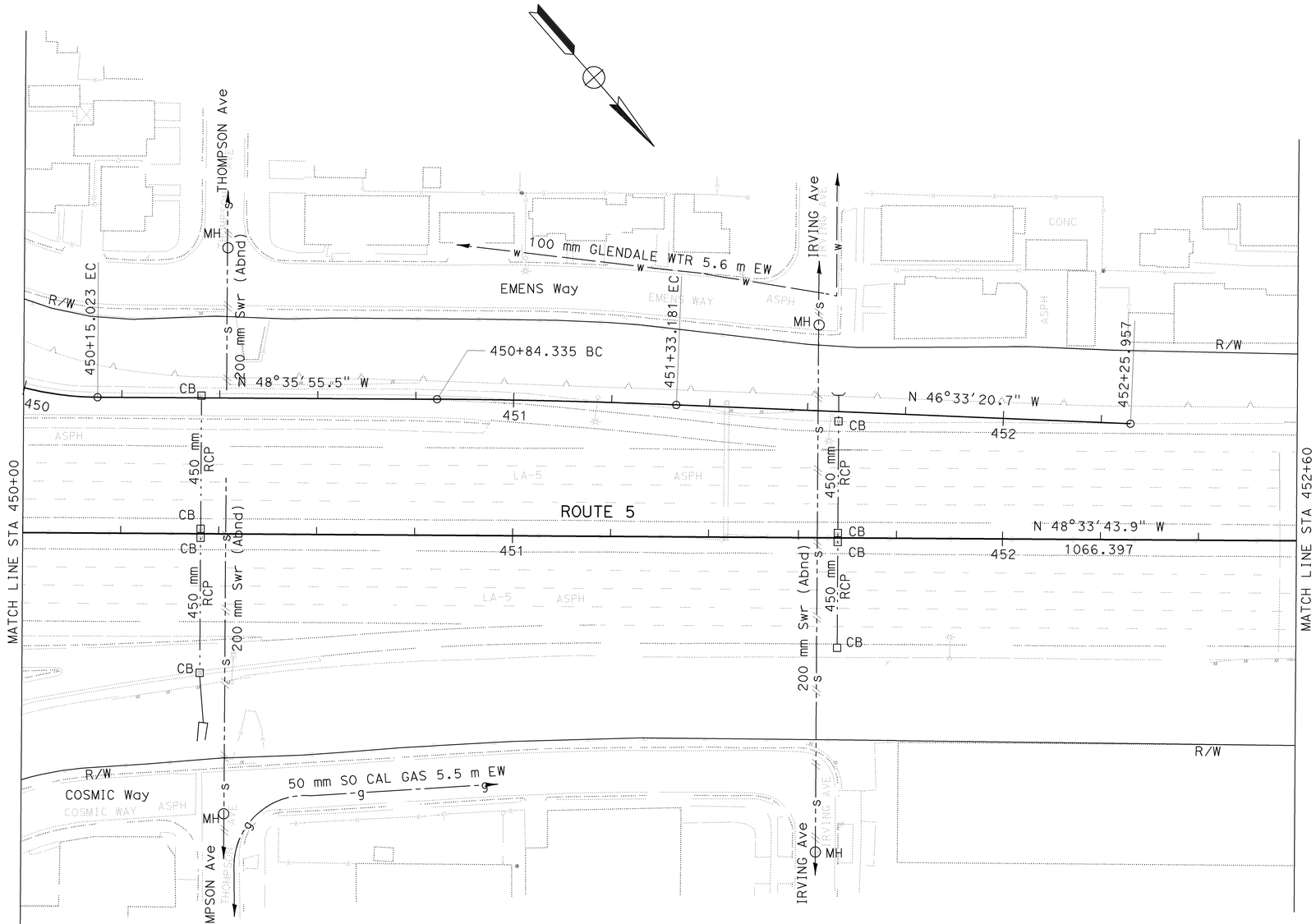
6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
UGO ANAKWENZE
No. C41703
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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

NOTE:

LOCATIONS OF UTILITY FACILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

UTILITY PLAN
SCALE 1:500

THIS PLAN ACCURATE FOR EXISTING UTILITIES ONLY.

U-8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ENGINEERING SERVICES
FUNCTIONAL SUPERVISOR: UGO ANAKWENZE
CALCULATED-DESIGNED BY
CHECKED BY: DAWIT WORKU
REVISED BY: EZEDIN MUSELLEM
DATE REVISED

LAST REVISION 12-26-07
DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:10

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trrichf
DGN FILE => 712184ka008.dgn
CU 07224
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	206	1073

B. U. Anakwenze 2-03-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
UGO ANAKWENZE
No. C41703
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

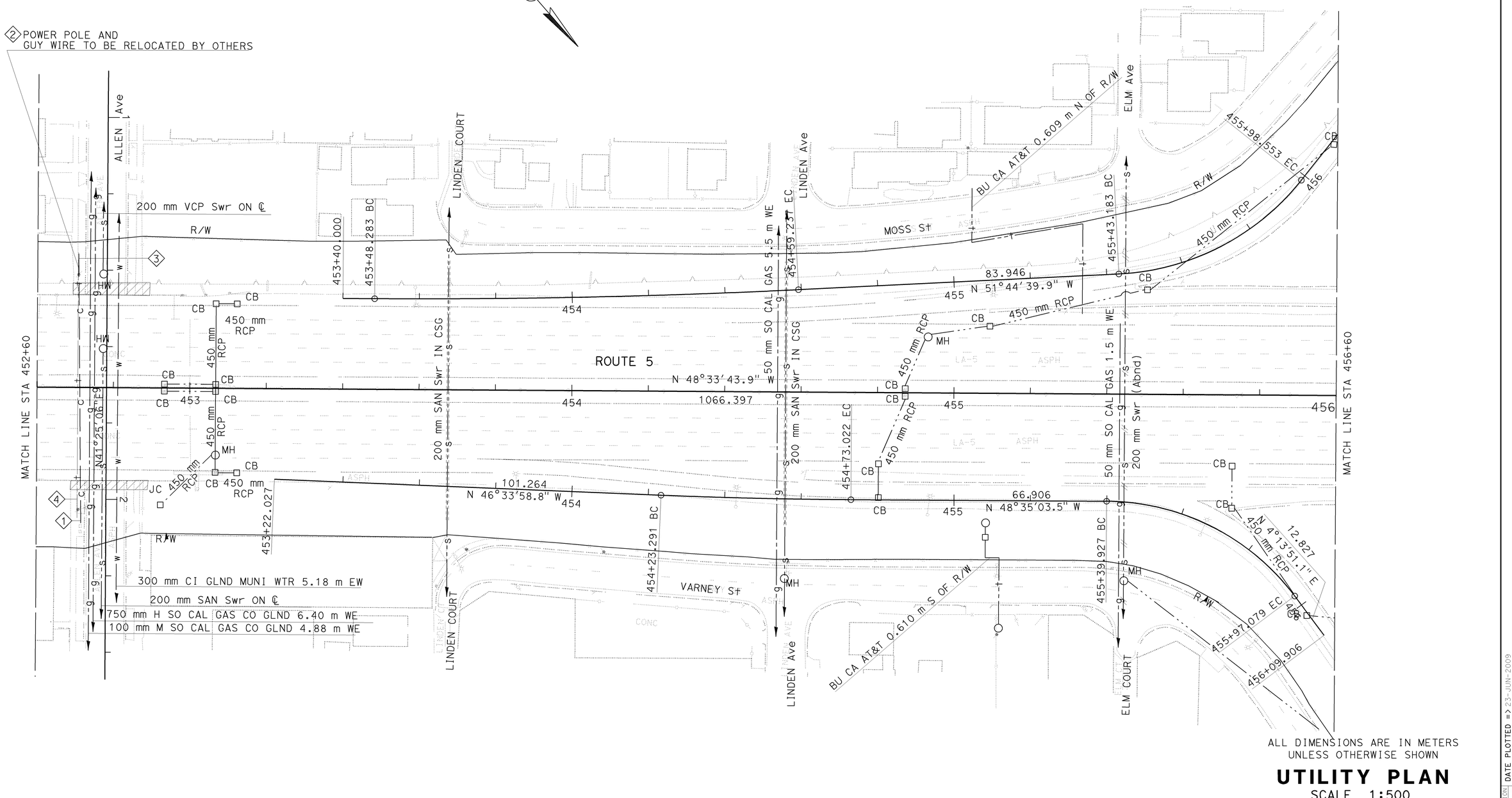
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

Caltrans Metric

NOTE:

LOCATIONS OF UTILITY FACILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

◇	UTILITY	UTILITY ELEVATION	NORTHING	EASTING	DEPTH
1	CHARTER CABLE	153.595	574093.713	1972325.602	1.03
2	AT&T	153.765	574049.442	1972287.542	1.14
3	CHARTER CABLE	153.771	574049.368	1972287.653	1.14
4	AT&T	153.647	574093.129	1972326.255	0.98



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

UTILITY PLAN

SCALE 1:500

THIS PLAN ACCURATE FOR EXISTING UTILITIES ONLY.

U-9

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ENGINEERING SERVICES

FUNCTIONAL SUPERVISOR: UGO ANAKWENZE
CALCULATED-DESIGNED BY:
CHECKED BY:
DAWIT WORKU
EZEDIN MUSELLEM
REVISED BY
DATE REVISED

LAST REVISION DATE PLOTTED => 23-JUN-2009
12-26-07 TIME PLOTTED => 06:18

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trmikesl
DGN FILE => 712184ka009.dgn
CU 07328
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	207	1073

B.U. Anakwenze 2-03-09
REGISTERED CIVIL ENGINEER DATE

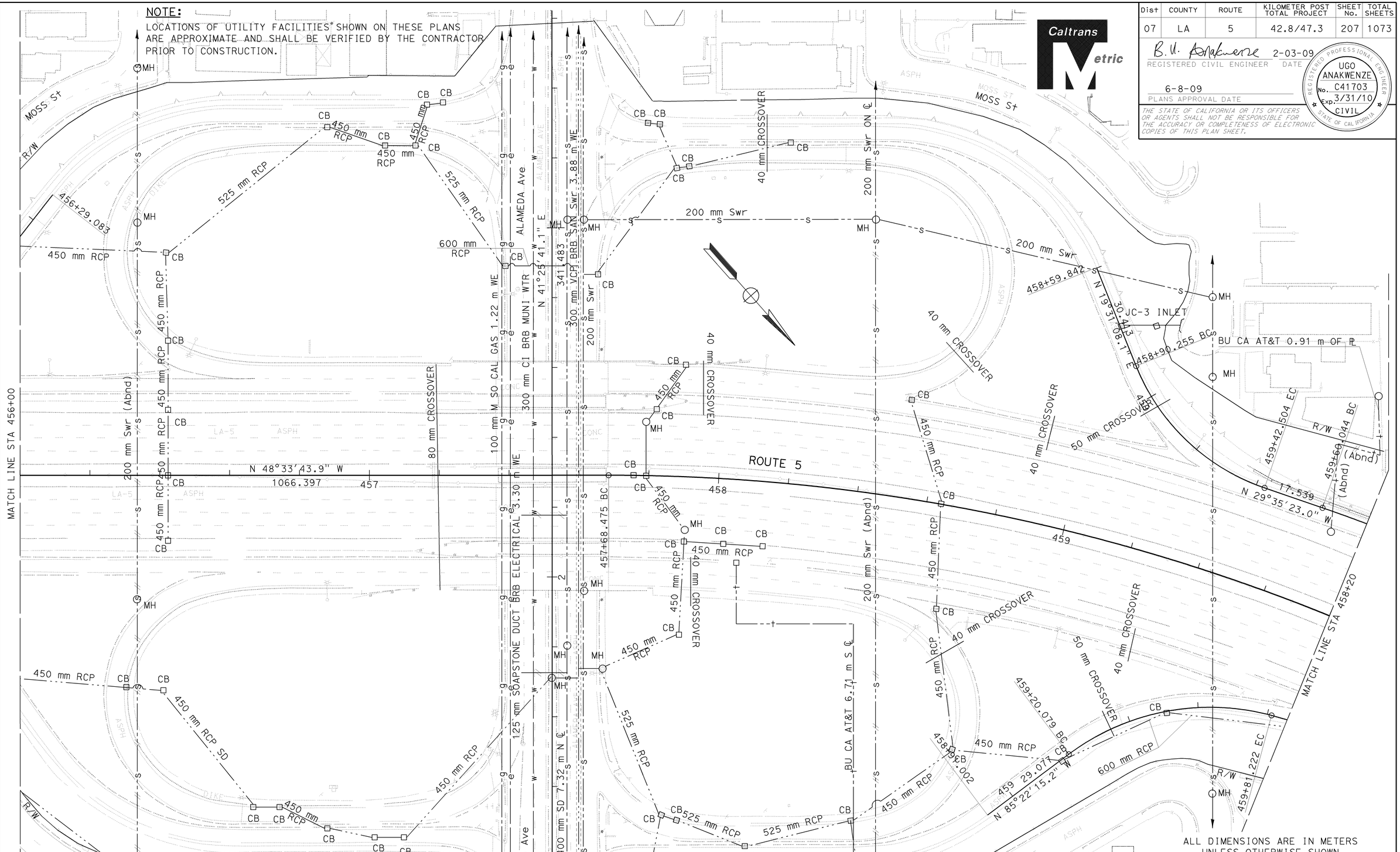
6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
UGO ANAKWENZE
No. C41703
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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

Caltrans Metric

NOTE:
LOCATIONS OF UTILITY FACILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

UTILITY PLAN

SCALE 1:500

THIS PLAN ACCURATE FOR EXISTING UTILITIES ONLY.

U-10

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ENGINEERING SERVICES

FUNCTIONAL SUPERVISOR: UGO ANAKWENZE
CALCULATED-DESIGNED BY: EZEDIN MUSELLEM
CHECKED BY: DAWIT WORKU
REVISED BY
DATE REVISED

LAST REVISION 12-26-07
DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:10

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trrichf
DGN FILE => 712184ka010.dgn
CU 07328
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	208	1073

B.U. Anakwenze 2-03-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

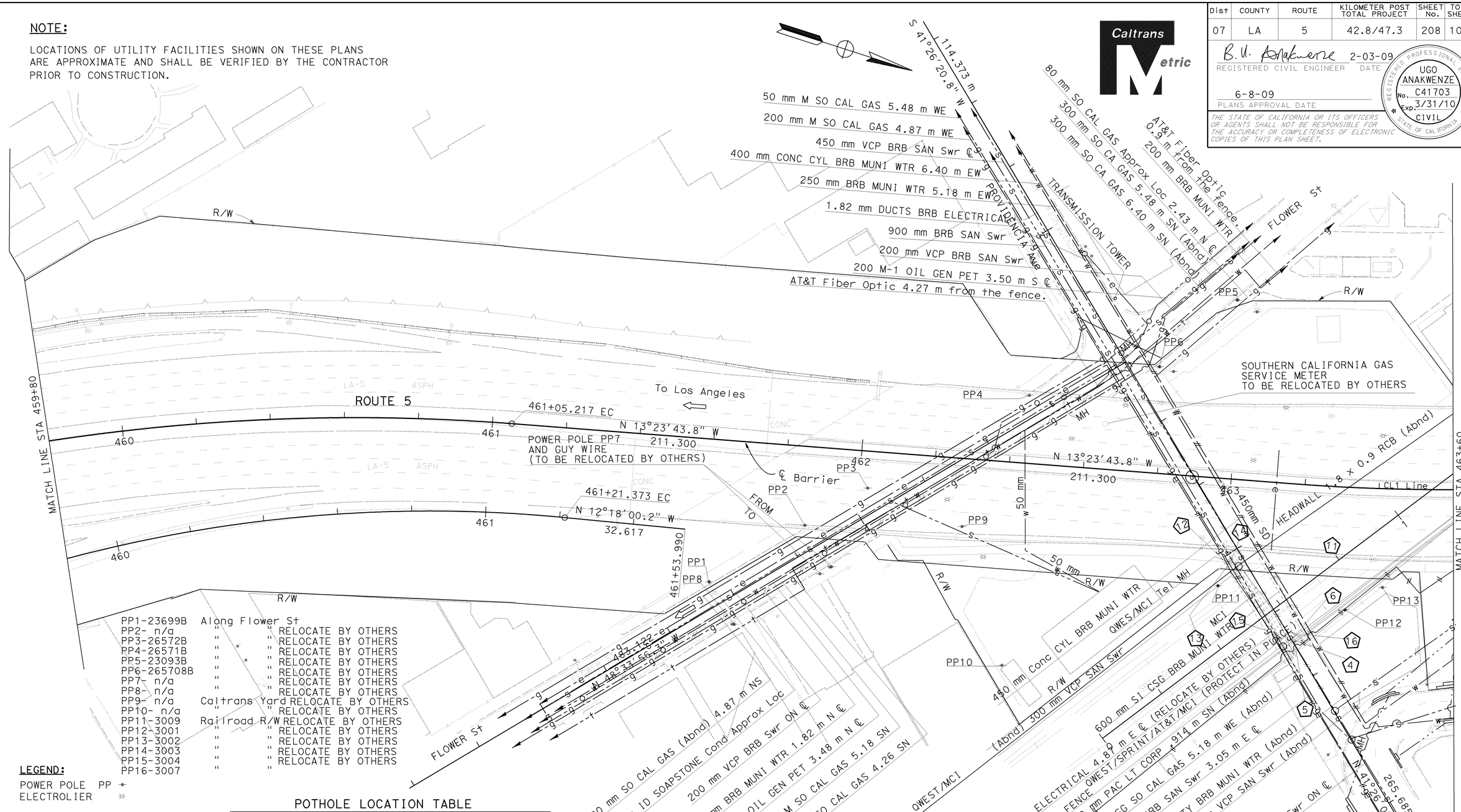
REGISTERED PROFESSIONAL ENGINEER
UGO ANAKWENZE
No. C41703
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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

Caltrans Metric

NOTE:

LOCATIONS OF UTILITY FACILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.



PP1-23699B Along Flower St
PP2- n/a " " RELOCATE BY OTHERS
PP3-26572B " " RELOCATE BY OTHERS
PP4-26571B " " RELOCATE BY OTHERS
PP5-23093B " " RELOCATE BY OTHERS
PP6-265708B " " RELOCATE BY OTHERS
PP7- n/a " " RELOCATE BY OTHERS
PP8- n/a " " RELOCATE BY OTHERS
PP9- n/a Caltrans Yard RELOCATE BY OTHERS
PP10- n/a " " RELOCATE BY OTHERS
PP11-3009 Railroad R/W RELOCATE BY OTHERS
PP12-3001 " " RELOCATE BY OTHERS
PP13-3002 " " RELOCATE BY OTHERS
PP14-3003 " " RELOCATE BY OTHERS
PP15-3004 " " RELOCATE BY OTHERS
PP16-3007 " " RELOCATE BY OTHERS

LEGEND:

POWER POLE PP
ELECTROLIER

POTHOLE LOCATION TABLE

X	UTILITY	NORTHING	EASTING	UTILITY Elev	DEPTH
11	WATER	574887.184	1971734.305	165.699	1.98
12	ELECT	574881.847	1971741.117	165.750	1.02
13	GAS	574881.993	1971740.973	165.756	1.19
14	SEWER	574882.373	1971739.940	163.813	3.38
15	SEWER	574899.761	1971755.295	165.701	2.63
16	WATER	574908.061	1971753.051	165.917	1.51
4	AZTEC	574905.600	1971755.559	165.875	2.26
5	QWEST	574905.345	1971755.862	165.882	1.99
6	AT&T/MCI SPRINT	574904.812	1971754.950	165.780	1.63

THIS PLAN ACCURATE FOR EXISTING UTILITIES ONLY.

ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

UTILITY PLAN

SCALE 1:500

U-11

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: EZEDIN MUSELLEM
CHECKED BY: DAWIT WORKU

FUNCTIONAL SUPERVISOR: UGO ANAKWENZE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ENGINEERING SERVICES

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:10
03-11-09

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trrichf
DGN FILE => 712184ka011.dgn

CU 07328

EA 121841

NOTE:

LOCATIONS OF UTILITY FACILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

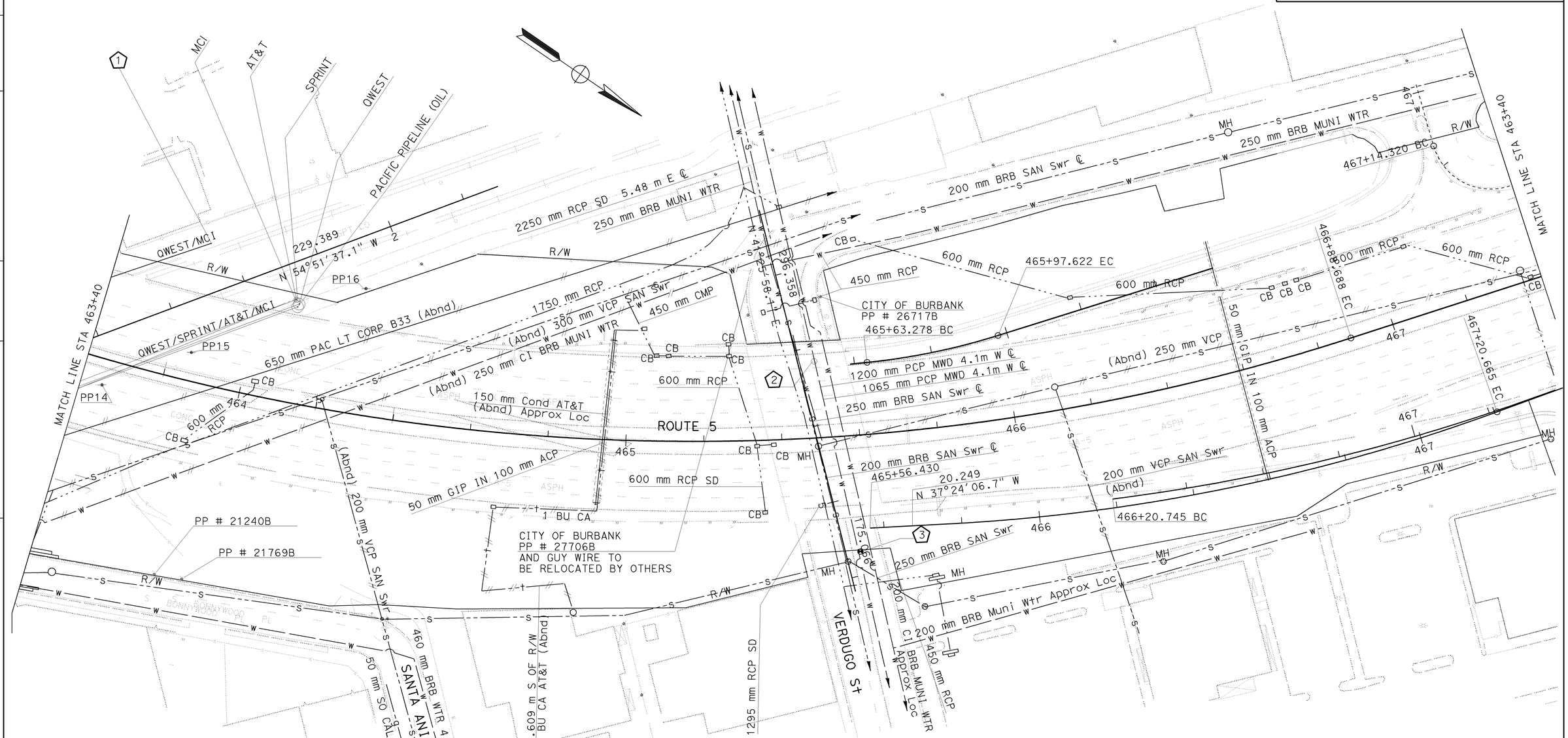
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	209	1073

B. U. Anakwenze 2-03-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
UGO ANAKWENZE
No. C41703
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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



POTHOLE LOCATION TABLE

X	UTILITY	NORTHING	EASTING	UTILITY Elev	DEPTH (m)
1	MCI/QWEST	574943.704	1971662.519	166.883	1.50
2	MWD MH	575088.336	1971600.199	169.107	2.30
3	MWD WATER	575125.926	1971633.340	170.627	2.44

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

UTILITY PLAN

SCALE 1:500

U-12

THIS PLAN ACCURATE FOR EXISTING UTILITIES ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ENGINEERING SERVICES
FUNCTIONAL SUPERVISOR: UGO ANAKWENZE
CALCULATED-DESIGNED BY
CHECKED BY
DAWIT WORKU
EZEDIN MUSELLEM
REVISED BY
DATE REVISED

LAST REVISION DATE PLOTTED => 23-JUN-2009
TIME PLOTTED => 06:18
12-26-07

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trmikesl
DGN FILE => 712184ka012.dgn

CU 07328

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	210	1073

B. U. Anakwenze 2-03-09
REGISTERED CIVIL ENGINEER DATE

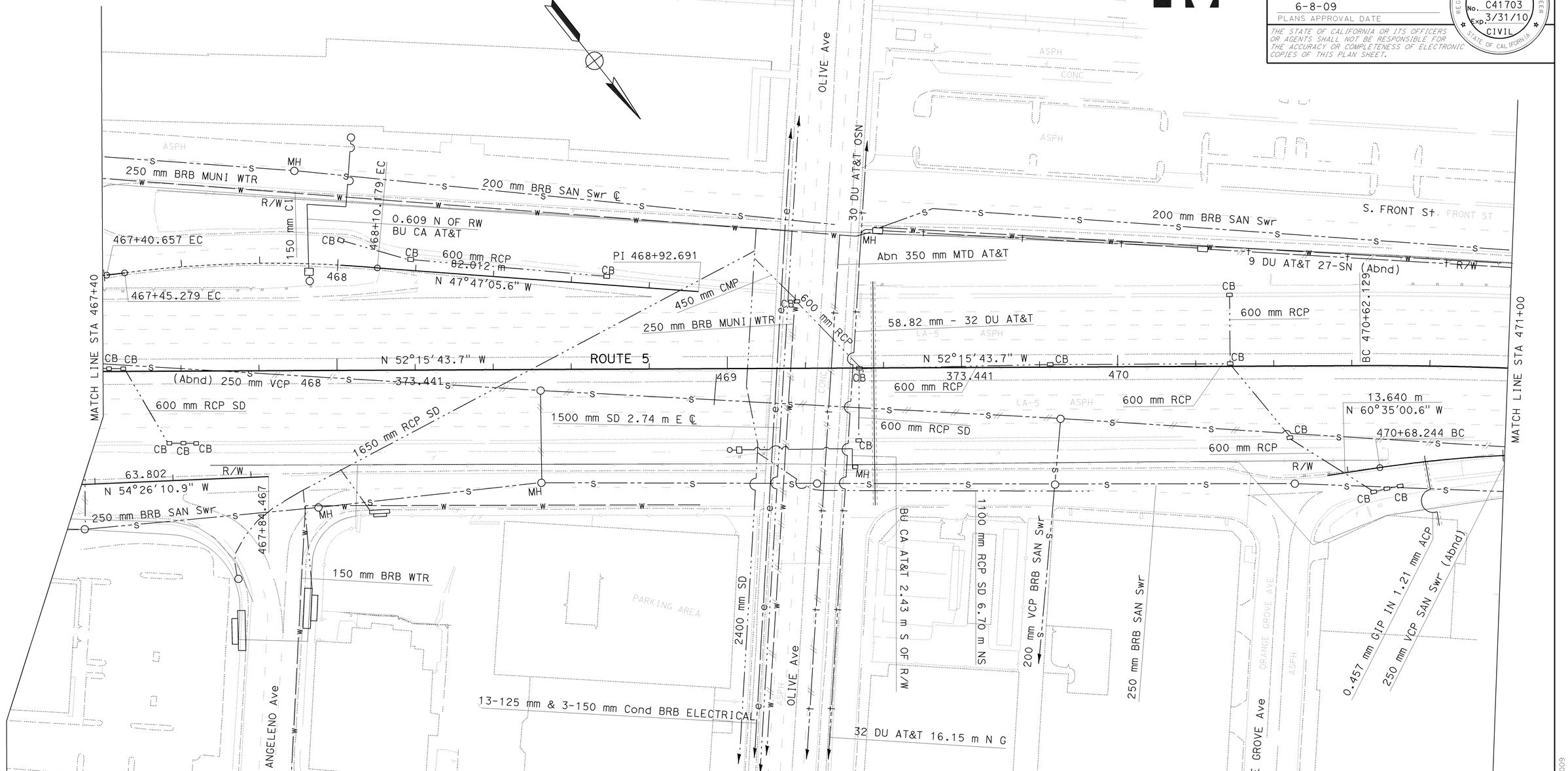
6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
UGO ANAKWENZE
No. C41703
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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

NOTE:

LOCATIONS OF UTILITY FACILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

UTILITY PLAN

SCALE 1:500

U-13

THIS PLAN ACCURATE FOR EXISTING UTILITIES ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ENGINEERING SERVICES

FUNCTIONAL SUPERVISOR: UGO ANAKWENZE
CALCULATED-DESIGNED BY: EZEDIN MUSELLEM
CHECKED BY: DAWIT WORKU
REVISED BY
DATE REVISED

LAST REVISION DATE PLOTTED => 23-JUN-2009
12-26-07 TIME PLOTTED => 06:18

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trmikesl
DGN FILE => 712184ka013.dgn

CU 07328

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	211	1073

B.U. Anakwenze 2-03-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

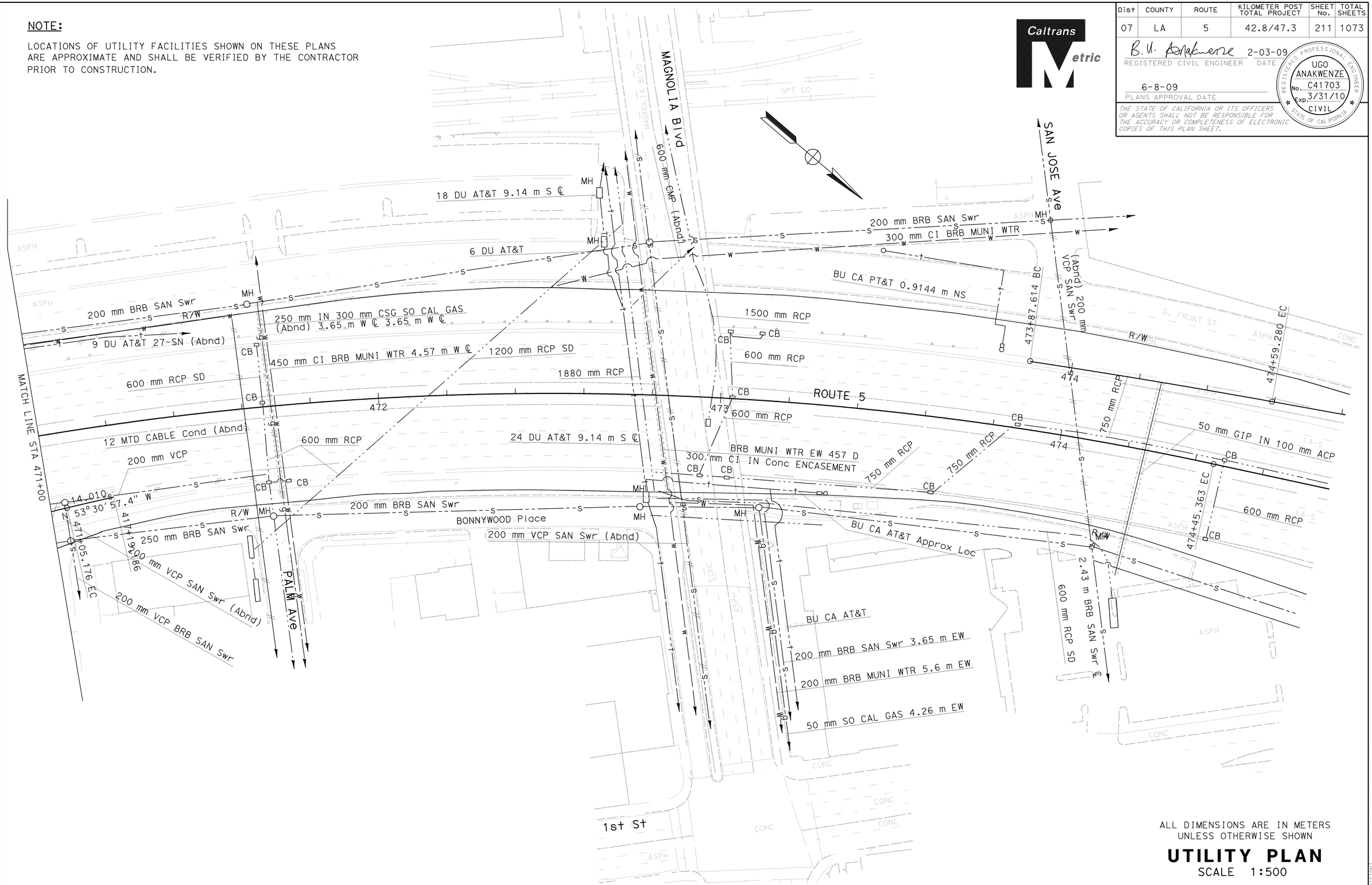
REGISTERED PROFESSIONAL ENGINEER
UGO ANAKWENZE
No. C41703
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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

Caltrans Metric

NOTE:

LOCATIONS OF UTILITY FACILITIES SHOWN ON THESE PLANS ARE APPROXIMATE AND SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

UTILITY PLAN

SCALE 1:500

U-14

THIS PLAN ACCURATE FOR EXISTING UTILITIES ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans ENGINEERING SERVICES

FUNCTIONAL SUPERVISOR: UGO ANAKWENZE
CALCULATED-DESIGNED BY: EZEDIN MUSELLEM
CHECKED BY: DAWIT WORKU
REVISED BY
DATE REVISED

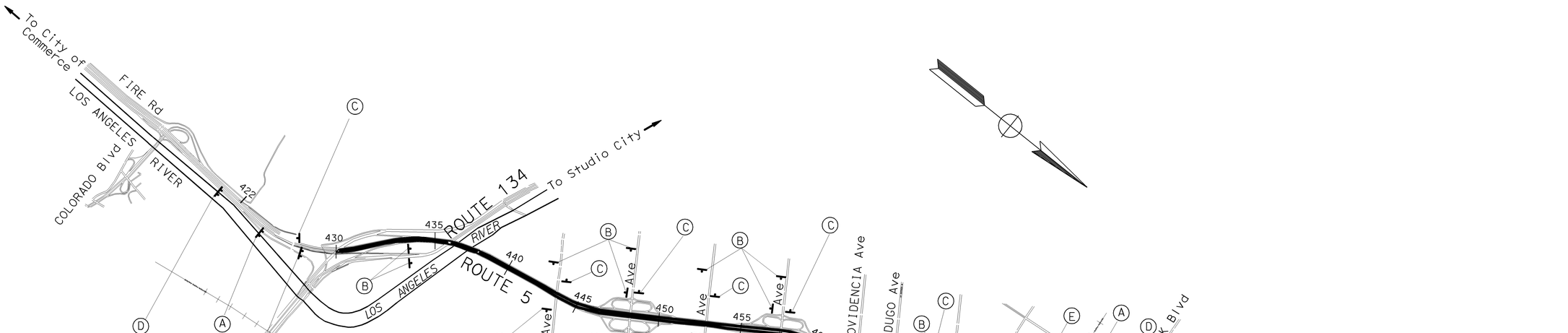
LAST REVISION 12-26-07
DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:11

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN	SIGN CODE	PANEL SIZE (mm)	POST SIZE			No. OF POST		QUANTITY	SIGN MESSAGE
			100x150	150x150	150x200	ONE POST	TWO POST		
Ⓐ	W20-1	1524x1524		X			X	2	ROAD WORK AHEAD
Ⓑ	W20-1	1219x1219		X		X		16	ROAD WORK AHEAD
Ⓒ	G20-2	914x457	X			X		13	END ROAD WORK
Ⓓ	G20-1	1500x900	X				X	2	ROAD WORK NEXT 5 MILES
Ⓔ	C40(CA)	3659x1524		X			X	2	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONE

NOTES:

1. SIGN LOCATIONS SHOWN ARE APPROXIMATE, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
2. REFER TO DETOUR PLANS (DE-SHEETS) AND STAGE CONSTRUCTION AND TRAFFIC HANDLING PLANS (SC-SHEETS) FOR ADDITIONAL CONSTRUCTION AREA SIGNS.
3. THE CONSTRUCTION AREA SIGNS ALSO INCLUDE THE DETOUR ROUTE SIGNS SHOWN ON DETOUR PLANS.



THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.

CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	212	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN No. 61916 Exp. 9/30/09 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

CALCULATED-DESIGNED BY: MUNSHI MOHSIN
CHECKED BY: KATHY PHAM
REVISED BY: KP
DATE REVISED: 12/08

FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION: DATE PLOTTED => 12-JUN-2009, TIME PLOTTED => 10:11
12-16-08

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trrichf
DGN FILE => 712184la001.dgn

CU 07276

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	213	1073

2-24-09
REGISTERED CIVIL ENGINEER DATE

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

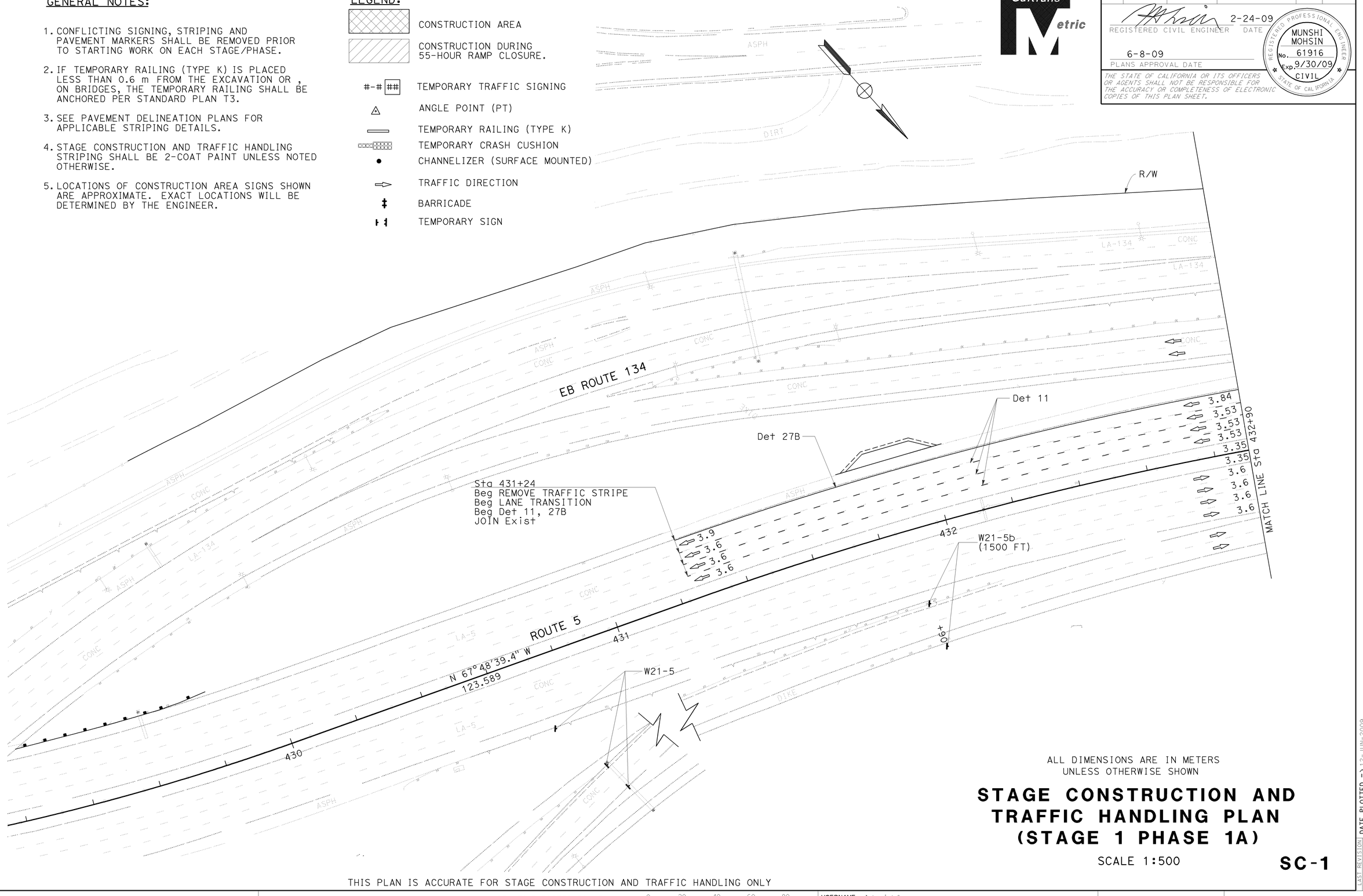
Caltrans Metric

GENERAL NOTES:

1. CONFLICTING SIGNING, STRIPING AND PAVEMENT MARKERS SHALL BE REMOVED PRIOR TO STARTING WORK ON EACH STAGE/PHASE.
2. IF TEMPORARY RAILING (TYPE K) IS PLACED LESS THAN 0.6 m FROM THE EXCAVATION OR , ON BRIDGES, THE TEMPORARY RAILING SHALL BE ANCHORED PER STANDARD PLAN T3.
3. SEE PAVEMENT DELINEATION PLANS FOR APPLICABLE STRIPING DETAILS.
4. STAGE CONSTRUCTION AND TRAFFIC HANDLING STRIPING SHALL BE 2-COAT PAINT UNLESS NOTED OTHERWISE.
5. LOCATIONS OF CONSTRUCTION AREA SIGNS SHOWN ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.

LEGEND:

- CONSTRUCTION AREA
- CONSTRUCTION DURING 55-HOUR RAMP CLOSURE.
- #-# ## TEMPORARY TRAFFIC SIGNING
- ANGLE POINT (PT)
- TEMPORARY RAILING (TYPE K)
- TEMPORARY CRASH CUSHION
- CHANNELIZER (SURFACE MOUNTED)
- TRAFFIC DIRECTION
- BARRICADE
- TEMPORARY SIGN



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1A)

SCALE 1:500

SC-1

THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES
CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY | DATE REVISED: 03/2008 | 03/2008

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:11
02-02-09

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trrichf
DGN FILE => 712184ma001.dgn
CU 07276
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	214	1073

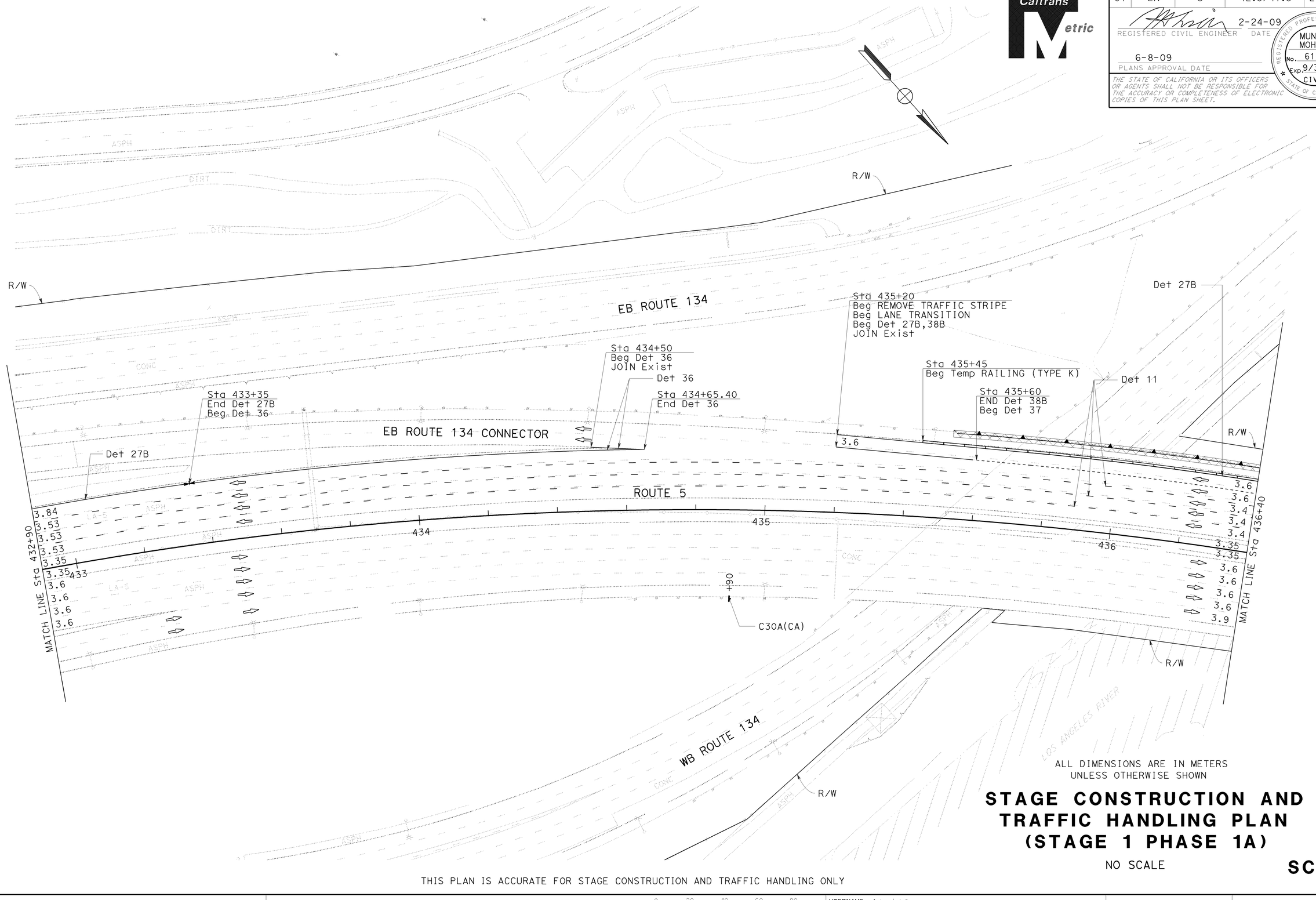
REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

Caltrans Metric



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1A)

NO SCALE

SC-2

THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
WILL CARPIO	EUGENE BRAVO	03/2008	03/2008

FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:11
02-02-09

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trrichf
DGN FILE => 712184ma002.dgn

CU 07276

EA 121841

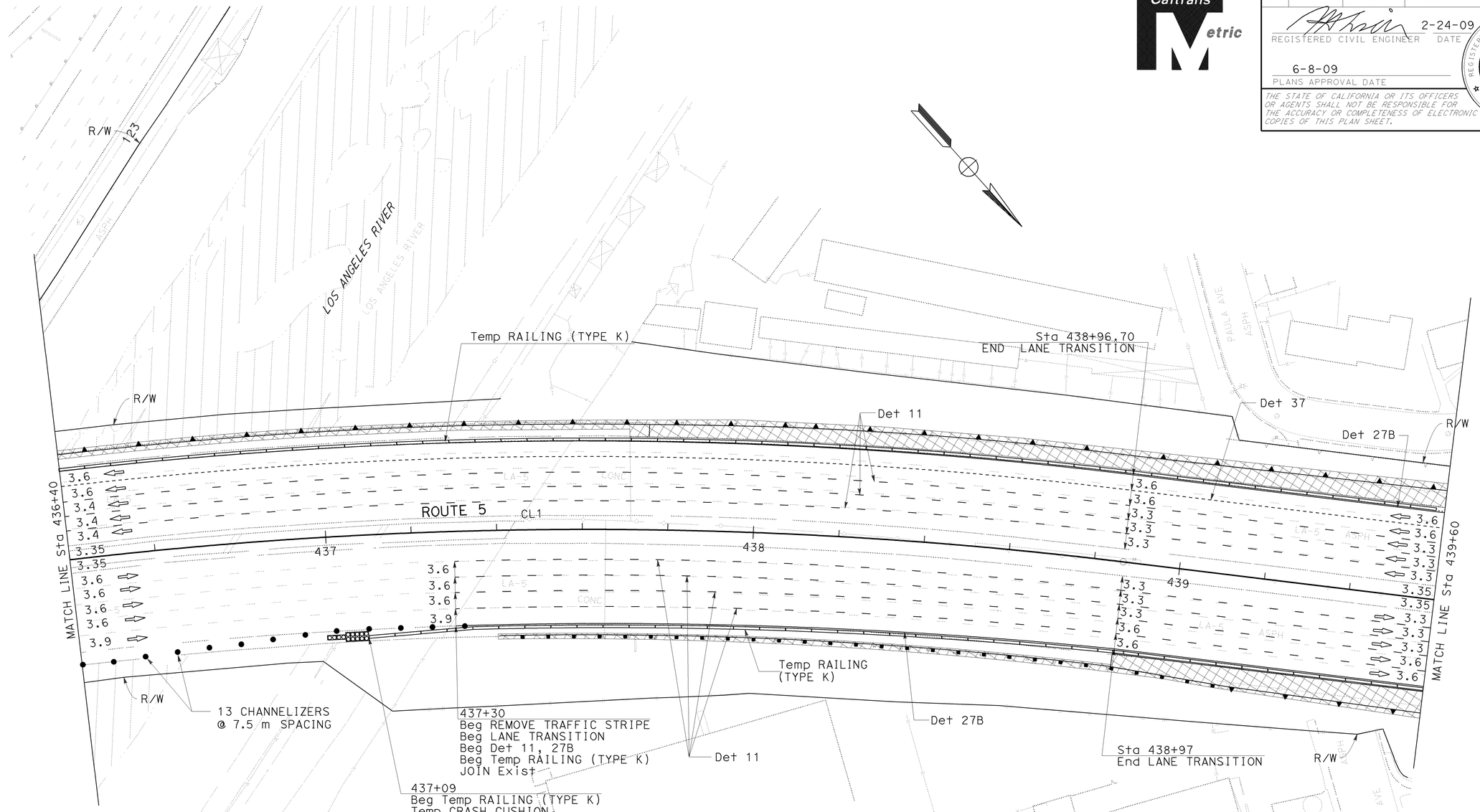
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	215	1073

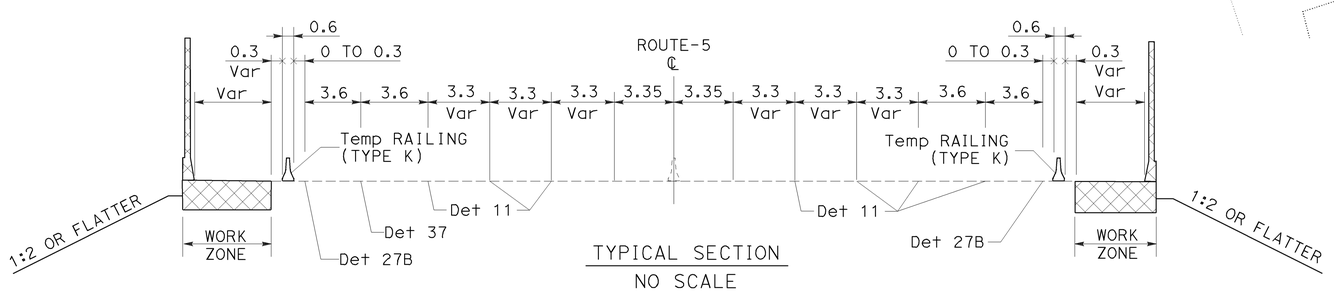
REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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





TYPICAL SECTION
NO SCALE

ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1A)

SCALE 1:500

SC-3

THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO

REVISED BY: Kathleen
DATE REVISED: 10/2008

LAST REVISION DATE PLOTTED => 12-JUN-2009
02-02-09 TIME PLOTTED => 10:11

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trrichf
DGN FILE => 712184ma003.dgn

CU 07276

EA 121841

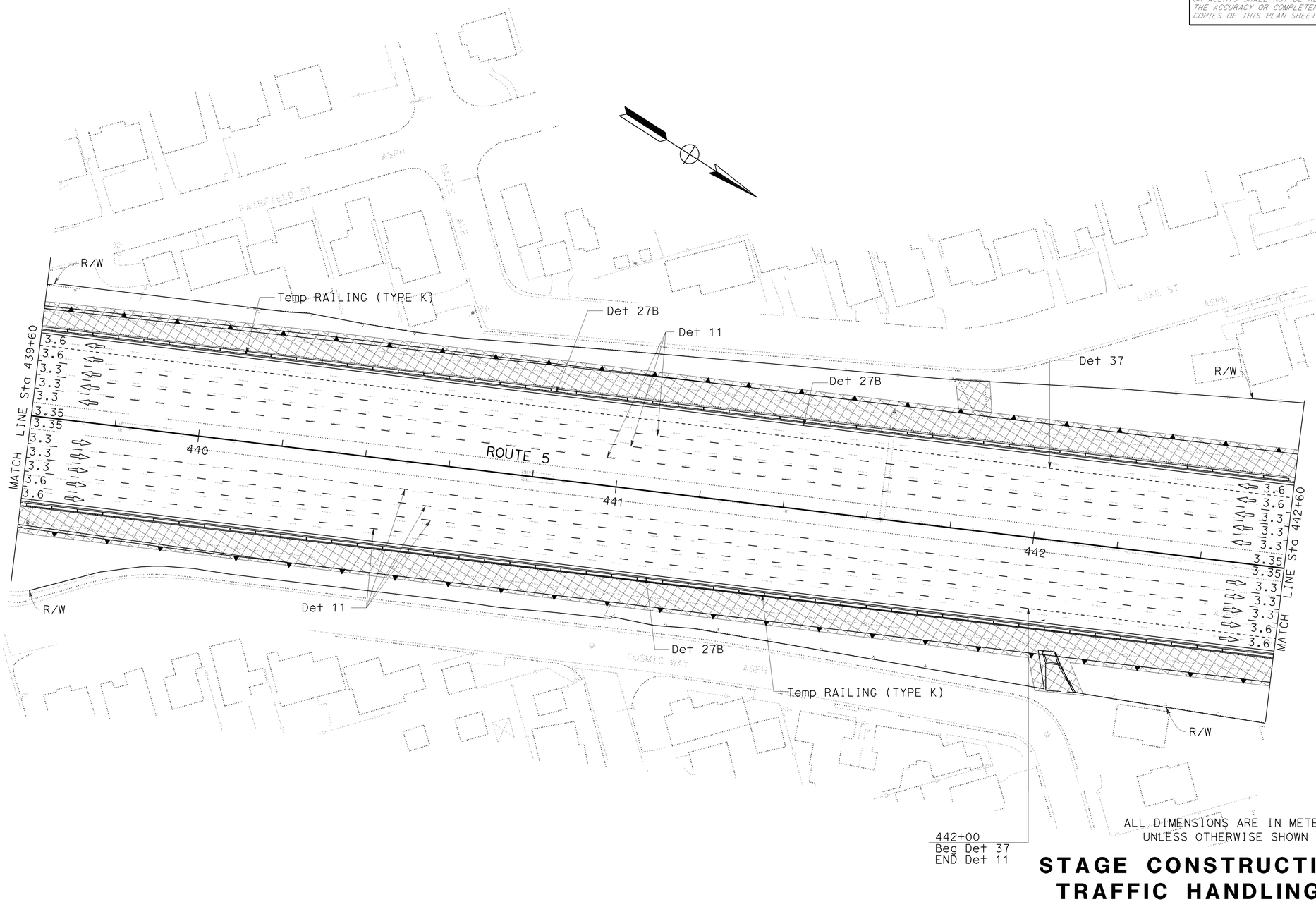
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	216	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

PLANS APPROVAL DATE 6-8-09

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



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1A)

SCALE 1:500

SC-4

THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO

REVISED BY: Kathleen
DATE REVISED: 10/2008

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:11
02-02-09

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trrichf
DGN FILE => 712184ma004.dgn

CU 07276

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	217	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

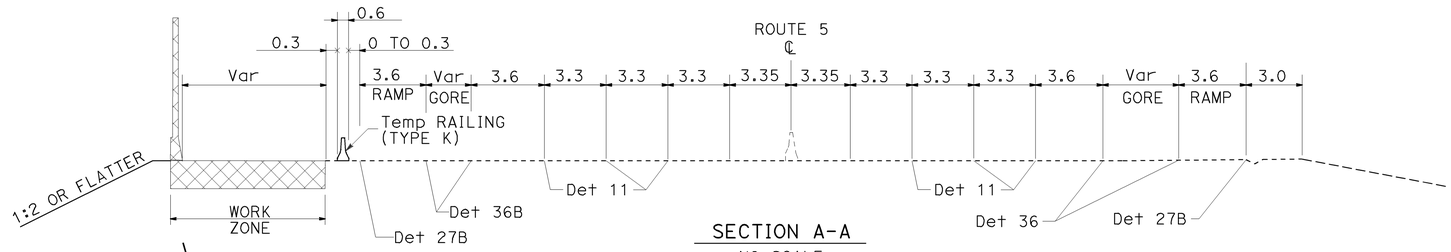
MUNSHI MOHSIN No. 61916 Exp. 9/30/09 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

NOTE:

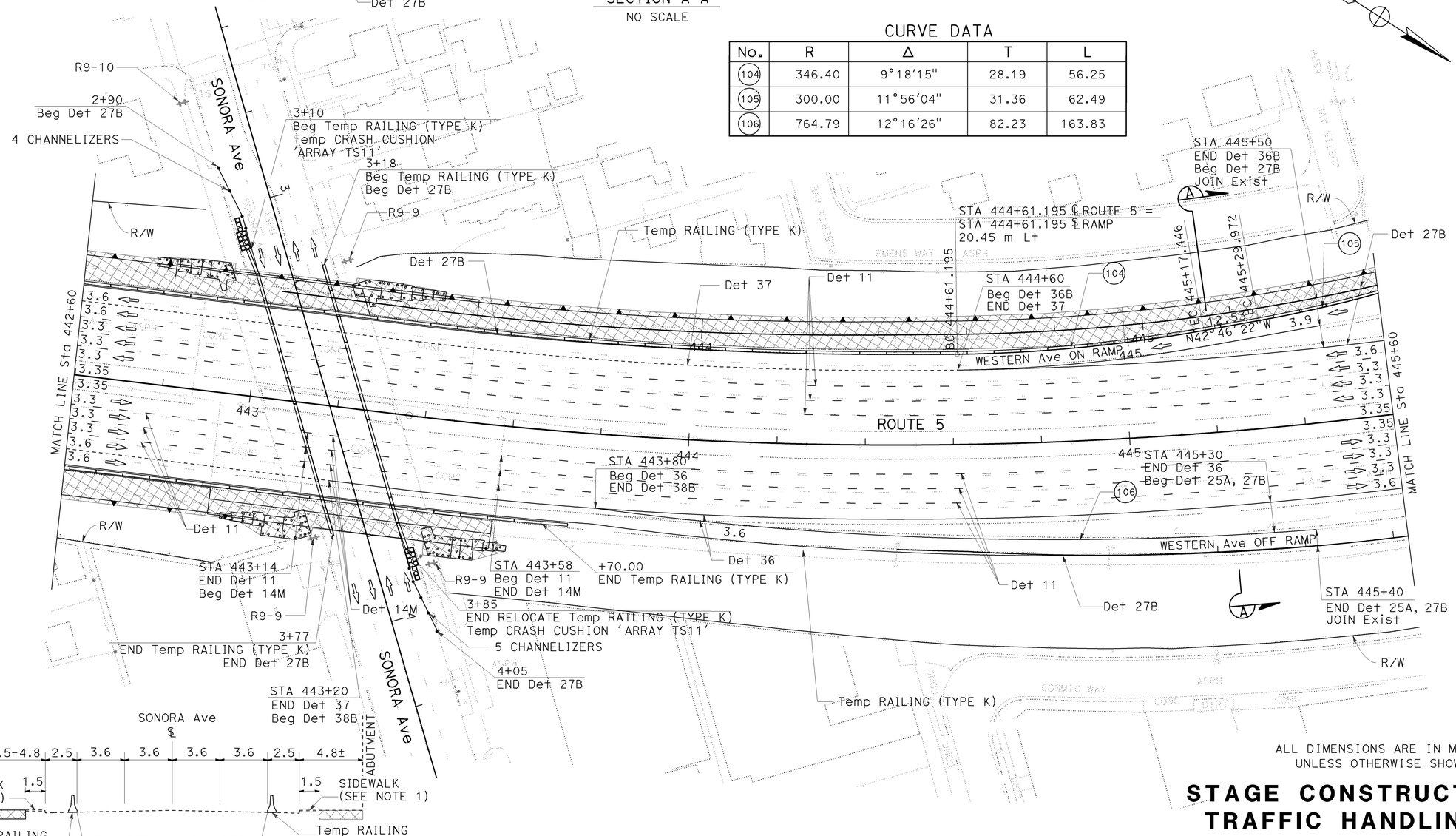
1. PEDESTRIAN ACCESS SHALL BE MAINTAINED AT ALL TIMES.
2. SEE CS-1 SHEET FOR ADDITIONAL CONSTRUCTION AREA SIGNS.

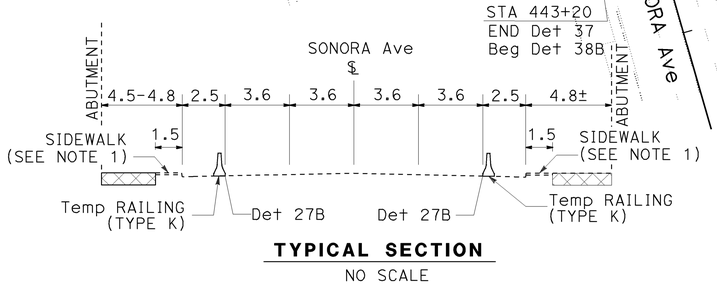


SECTION A-A
NO SCALE

CURVE DATA

No.	R	Δ	T	L
104	346.40	9°18'15"	28.19	56.25
105	300.00	11°56'04"	31.36	62.49
106	764.79	12°16'26"	82.23	163.83





TYPICAL SECTION
NO SCALE

ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1A)

SCALE 1:500

SC-5

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
OFFICE OF DESIGN D
FUNCTIONAL SUPERVISOR: CELINA AVILES
CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: WC
DATE REVISED: 12/08

LAST REVISION DATE PLOTTED => 12-JUN-2009
02-02-09 TIME PLOTTED => 0111

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trrichf
DGN FILE => 712184ma005.dgn
CU 07276
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	218	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN No. 61916 Exp. 9/30/09 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

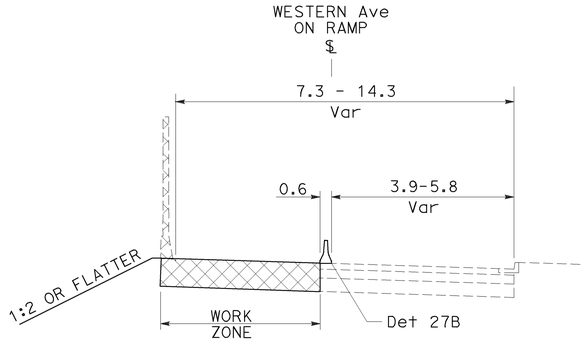
6-8-09
PLANS APPROVAL DATE

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

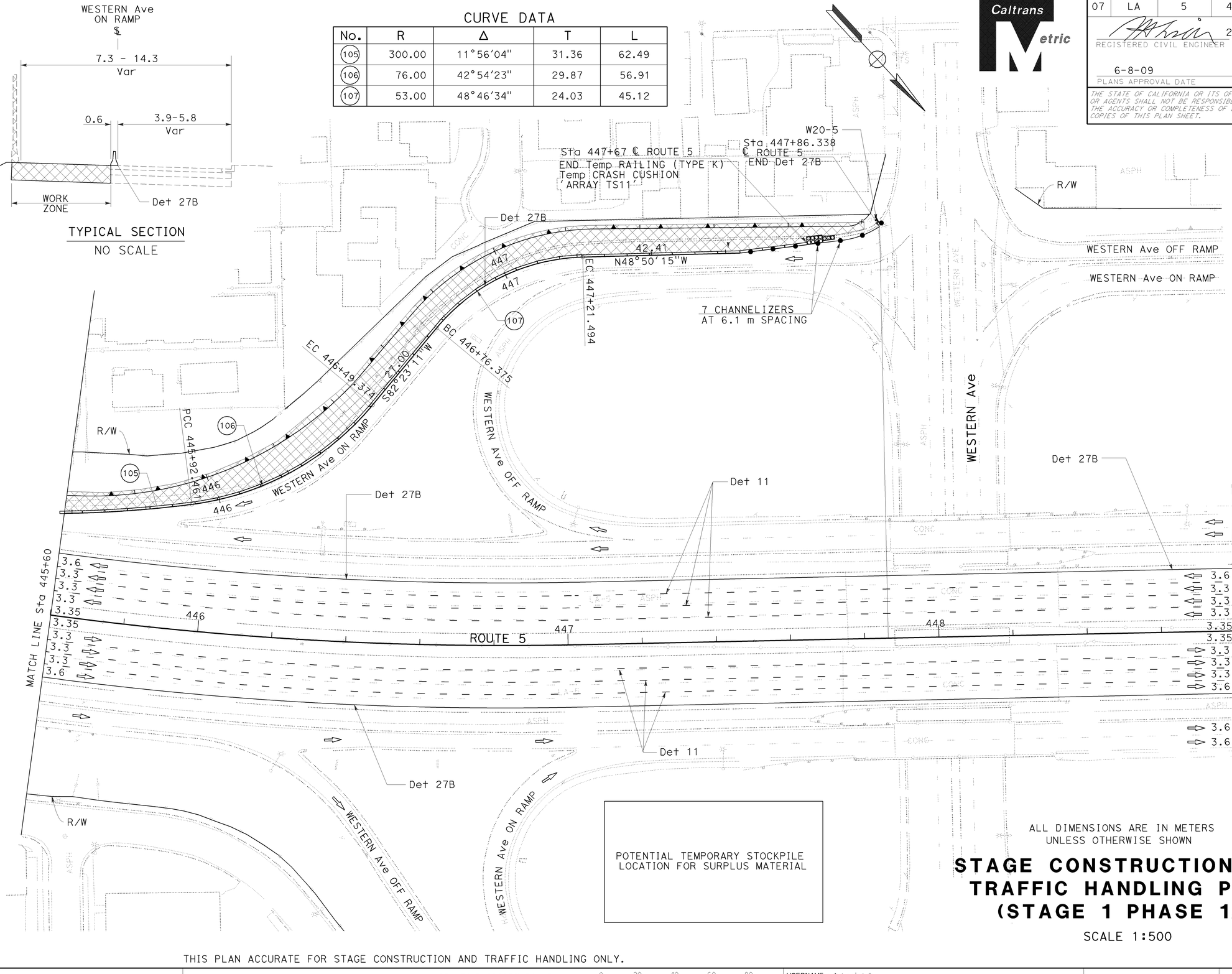
Caltrans Metric

CURVE DATA

No.	R	Δ	T	L
105	300.00	11°56'04"	31.36	62.49
106	76.00	42°54'23"	29.87	56.91
107	53.00	48°46'34"	24.03	45.12



TYPICAL SECTION
NO SCALE



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1A)

SCALE 1:500

SC-6

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES
CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: Kathleen
DATE REVISED: 10/2008

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:11
02-02-09

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trrichf
DGN FILE => 712184ma006.dgn
CU 07276
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	219	1073

2-24-09
REGISTERED CIVIL ENGINEER DATE

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

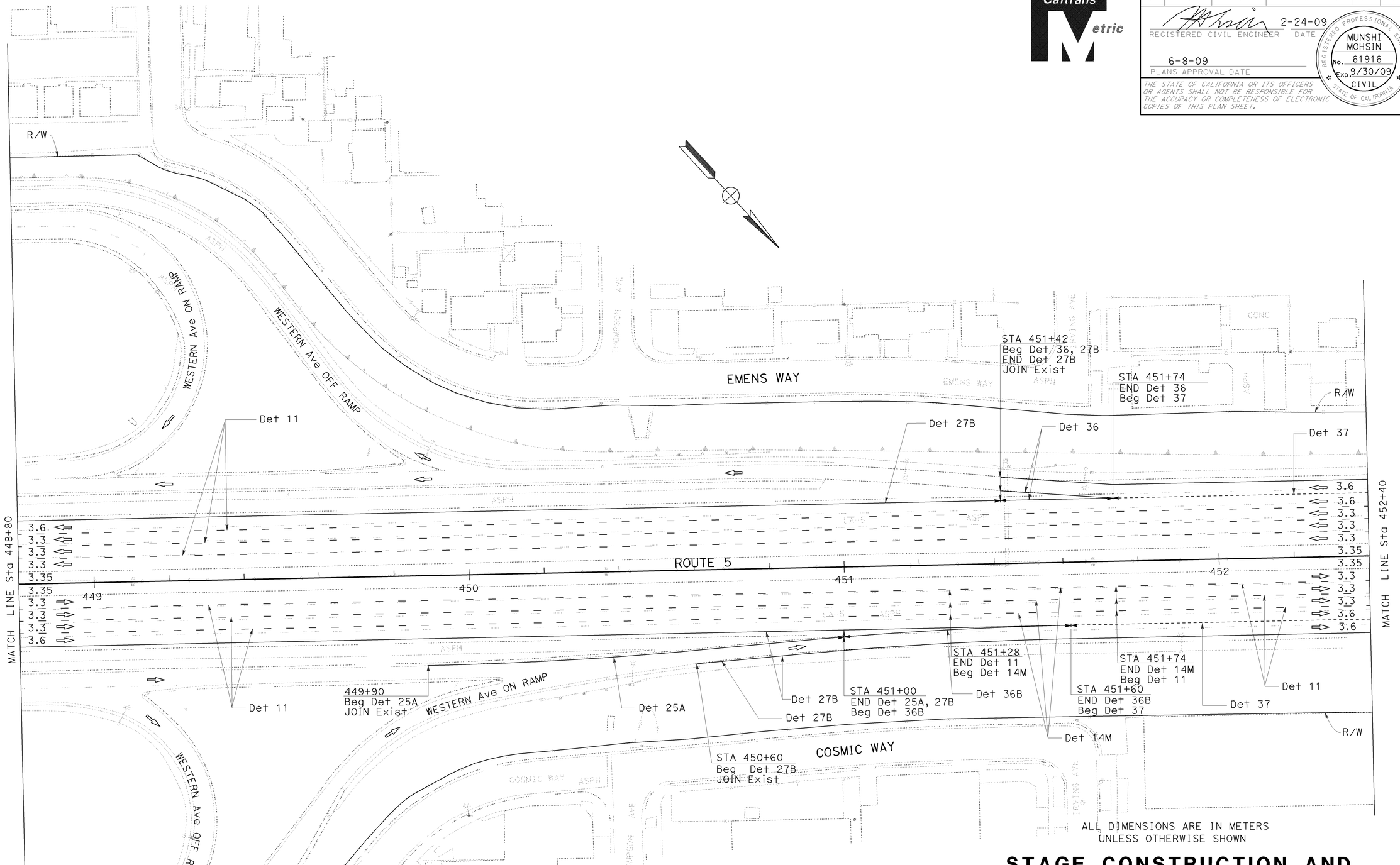
6-8-09
PLANS APPROVAL DATE

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

Caltrans Metric

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: 03/2008
DATE REVISED: 03/2008
FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1A)

SCALE 1:500

SC-7

THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:11
02-03-09

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trrichf
DGN FILE => 712184ma007.dgn
CU 07276
EA 121841

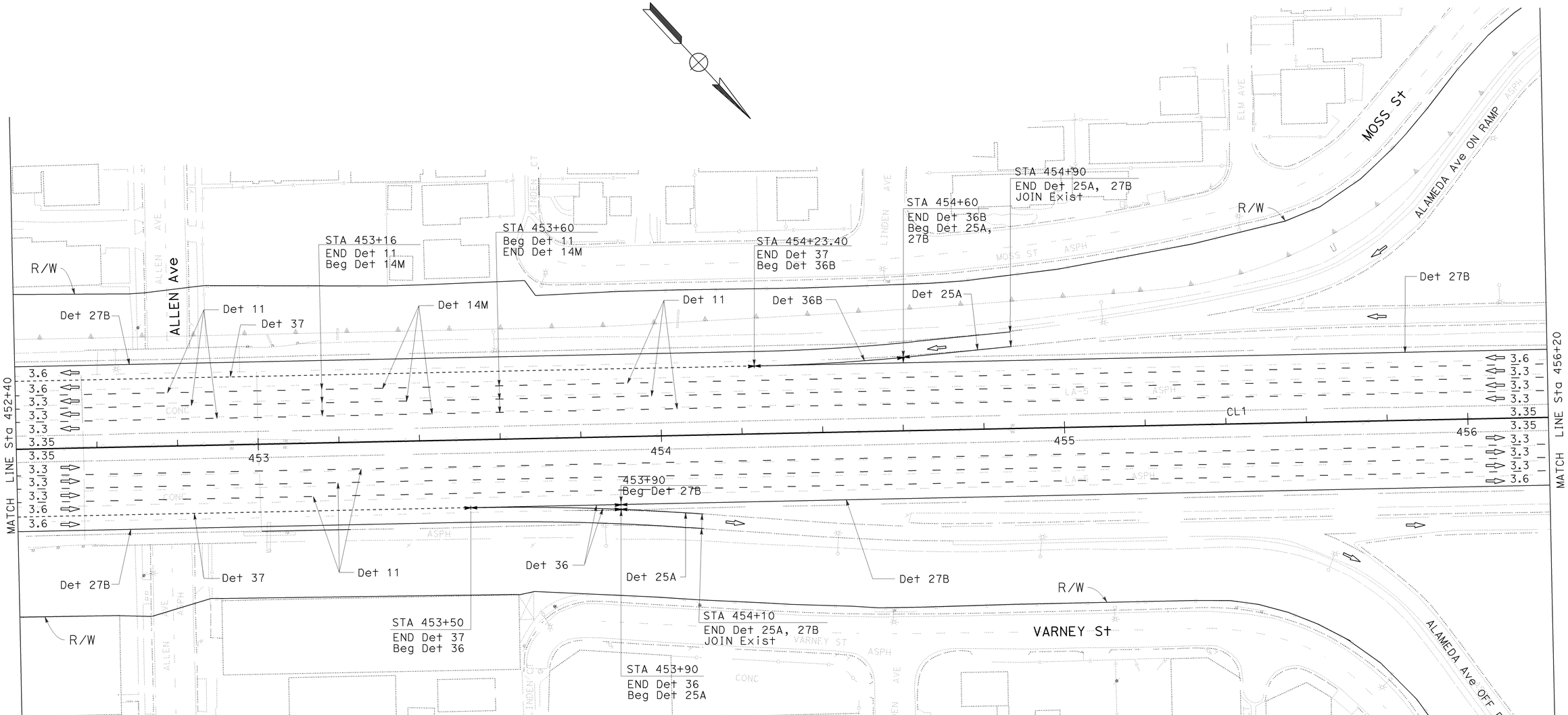
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	220	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1A)

SCALE 1:500

SC-8

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: Kathleen
DATE REVISED: 10/2008
FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 12-JUN-2009
02-03-09 TIME PLOTTED => 0811

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trrichf
DGN FILE => 712184ma008.dgn

CU 07276

EA 121841

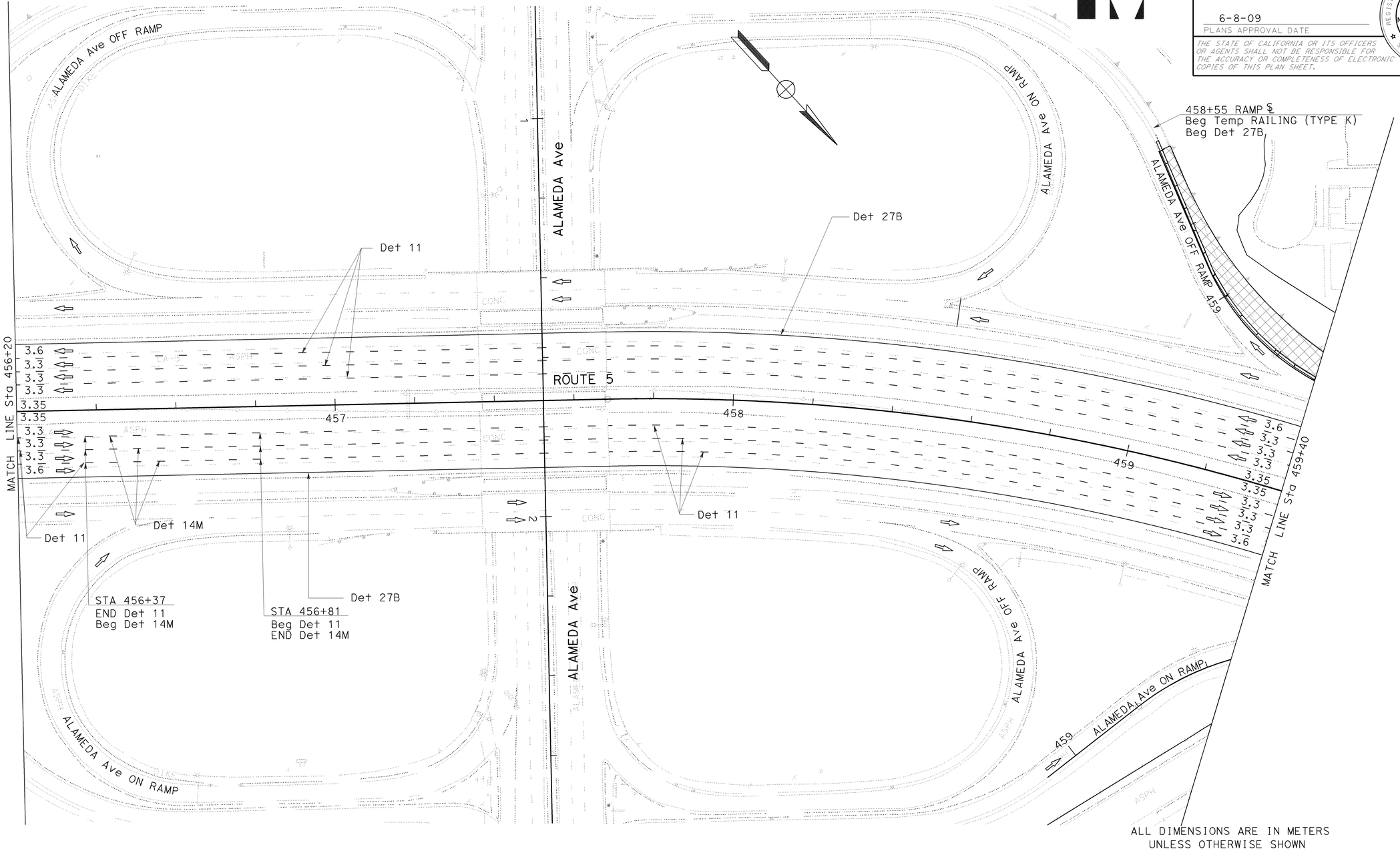
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	221	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN No. 61916 Exp. 9/30/09 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1A)

SCALE 1:500

SC-9

THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES
CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: Kathleen
DATE REVISED: 10/2008

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:00
02-02-09

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trmnguye
DGN FILE => 712184ma009.dgn
CU 07276
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	222	1073

REGISTERED CIVIL ENGINEER — 2-24-09 DATE

MUNSHI MOHSIN No. 61916 Exp. 9/30/09 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

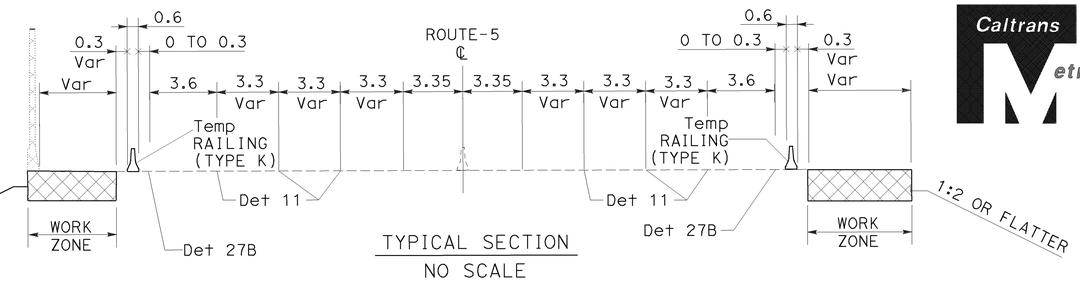
6-8-09
PLANS APPROVAL DATE

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

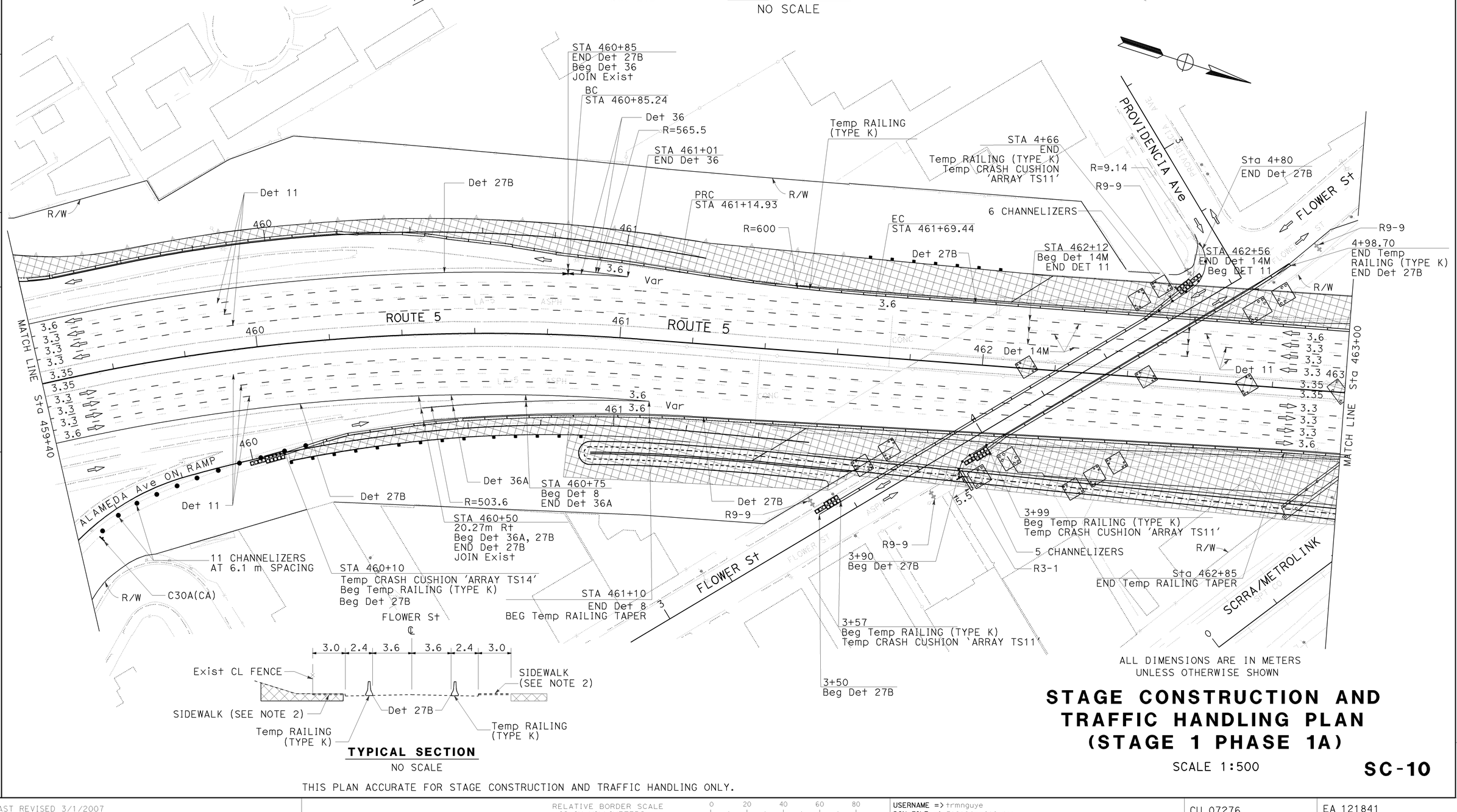
Caltrans Metric

NOTES:

1. SEE DETOUR PLANS (DE-SHEETS) FOR PEDESTRIAN DETOUR AT FLOWER STREET AND PROVIDENCIA AVENUE PEDESTRIAN OVERCROSSING.
2. PEDESTRIAN ACCESS SHALL BE MAINTAINED AT ALL TIMES.



TYPICAL SECTION
NO SCALE



TYPICAL SECTION
NO SCALE

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1A)

SCALE 1:500

SC-10

REVISED BY	DATE REVISED
Kathleen	10/2008

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 12-JUN-2009
02-03-09 TIME PLOTTED => 10:00

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	223	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN No. 61916 Exp. 9/30/09 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

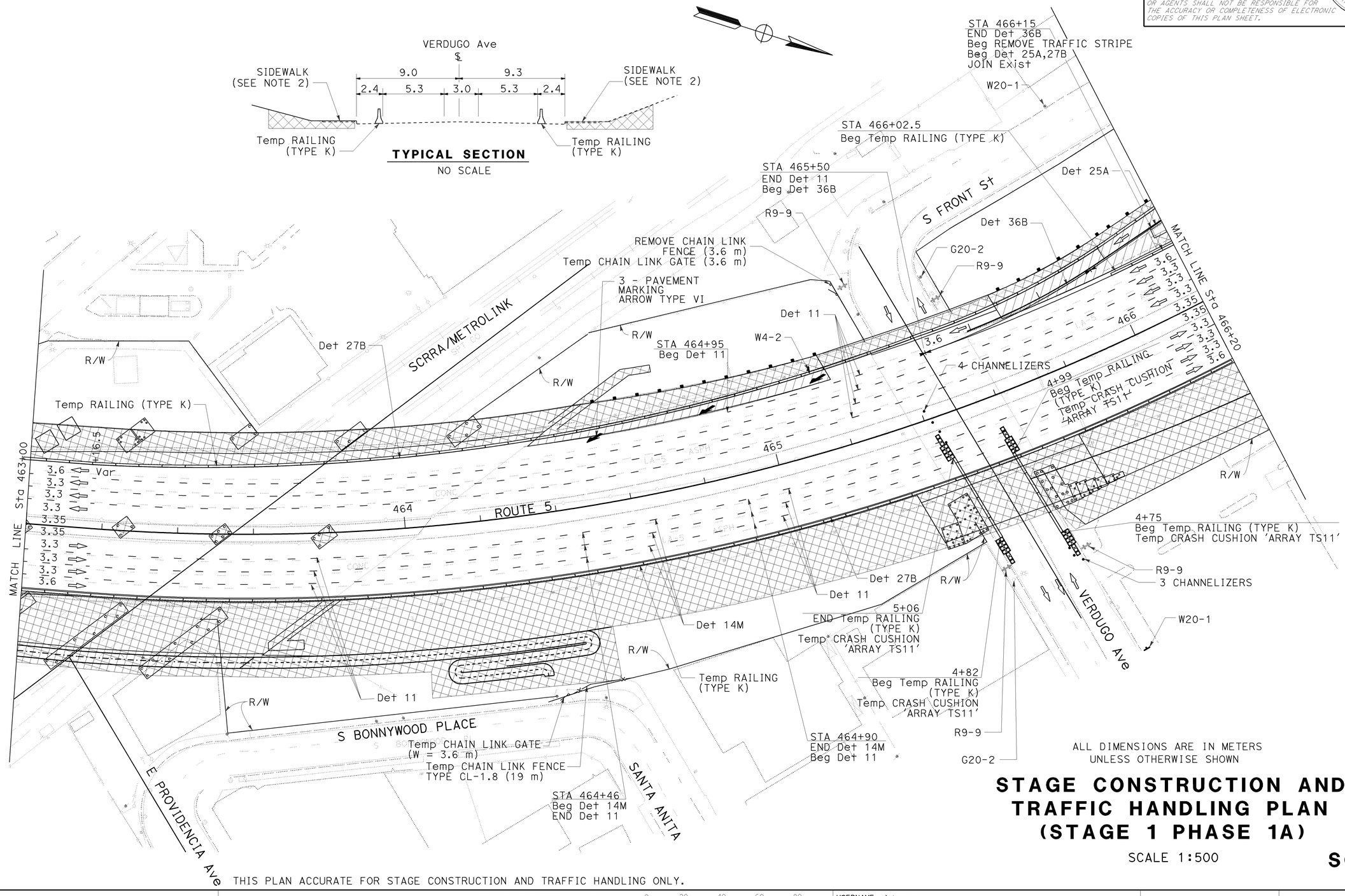
6-8-09
PLANS APPROVAL DATE

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

NOTE:

1. SEE DETOUR PLANS (DE-SHEETS) FOR PEDESTRIAN DETOUR AT BONNIEWOOD PLACE AND PROVIDENCIA AVENUE PEDESTRIAN OVER CROSSING.
2. PEDESTRIAN ACCESS SHALL BE MAINTAINED AT ALL TIMES.

TYPICAL SECTION
NO SCALE



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1A)

SCALE 1:500

SC-11

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: Kathleen
DATE REVISED: 10/2008
FUNCTIONAL SUPERVISOR: CELINA AVILES
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION: DATE PLOTTED => 12-JUN-2009
02-05-09 TIME PLOTTED => 10:01

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	224	1073

REGISTERED CIVIL ENGINEER 2-24-09 DATE

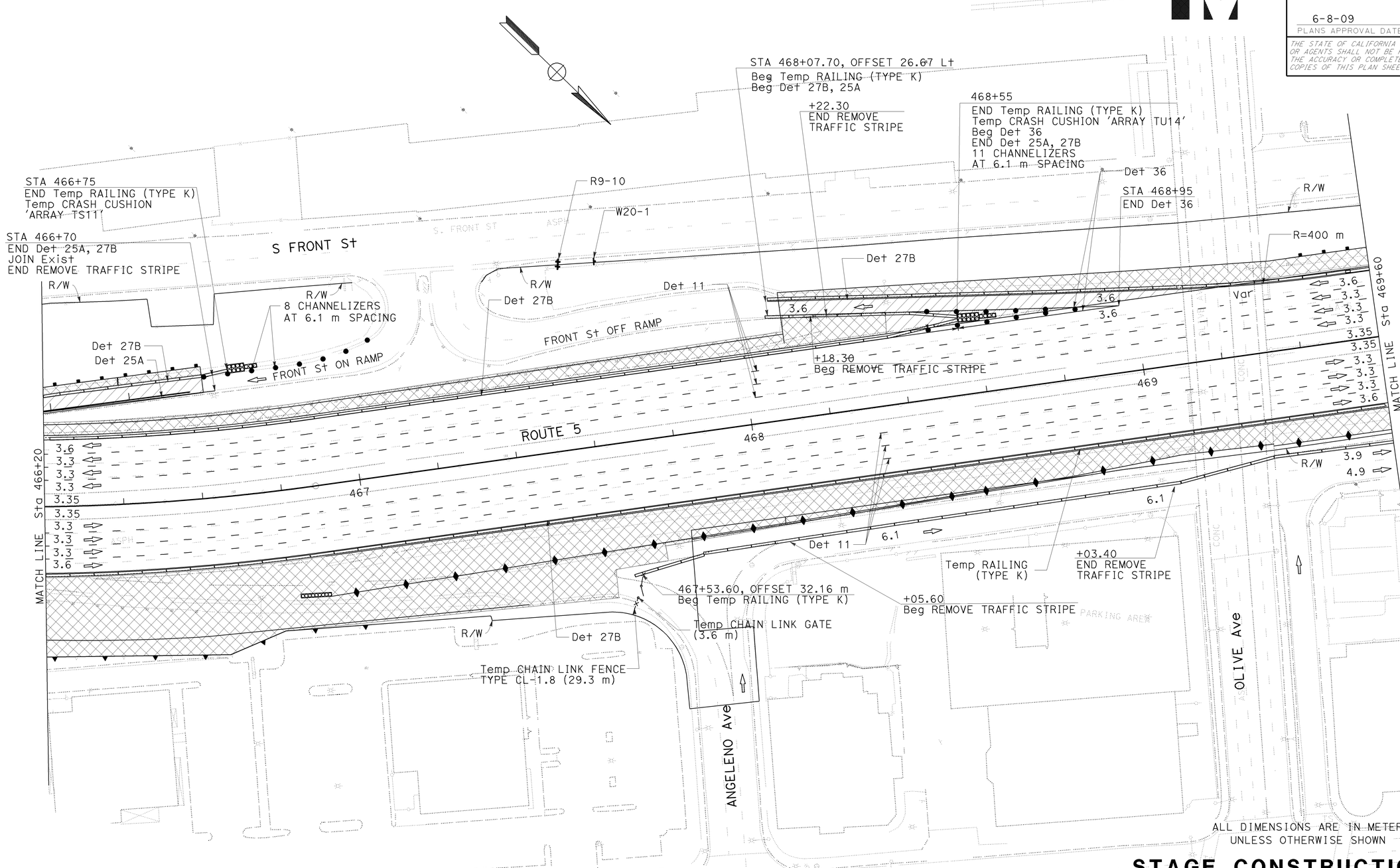
6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER MUNSHI MOHSIN No. 61916 Exp. 9/30/09 CIVIL STATE OF CALIFORNIA

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

NOTE:

SEE DETOUR PLANS (DE-SHEETS) FOR TRAFFIC DETOUR DURING THE LONG-TERM CLOSURE OF OLIVE Ave OFF-RAMP FROM NB Rte 5.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1A)

SCALE 1:500

SC-12

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES
CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: Kathy
DATE REVISED: 10/2008

LAST REVISION 02-05-09
DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:01

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	225	1073

2-24-09
REGISTERED CIVIL ENGINEER DATE

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

Caltrans Metric

469+80
Beg Temp FENCE
(TYPE CL-1.8)
JOIN Exist FENCE

Temp RAILING
(TYPE K)
STA 470+28
Beg Det 14M
END Det 11

Det 14M

Sta 470+62
Beg LANE TRANSITION

STA 470+72
END Det 14M
Beg Det 11

Det 27B

TCE

S FRONT St

472+80
END Temp FENCE (TYPE CL-1.8)
JOIN Exist FENCE

473+20
END Temp RAILING
(TYPE K)

2 CHANNELIZERS
AT 6.1 m SPACING

G20-2

R9-9

R7-1

Det 11

R/W

MATCH LINE Sta 469+60

MATCH LINE Sta 473+20

470

471

472

473

3.6
3.3
3.35
3.45
3.4
3.5

3.9
4.9

470+41
Beg Det 25A

ORANGE GROVE Ave

470+60
Temp CRASH CUSHION
'ARRAY TS11'
Beg Temp RAILING (TYPE K)
Beg Det 27B

C30A(CA)

4 CHANNELIZERS
AT 6.1 m SPACING

Det 25A

Det 27B

471+20
END Temp RAILING
(TYPE K)
END Det 25A,27B
Beg Det 36B

Det 36B

Det 11

Det 37

BONNYWOOD PLACE

471+70
END Det 36B
Beg Det 37

PALM Ave

473+15
END Temp RAILING
(TYPE K)

MAGNOLIA Blvd

ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1A)

SCALE 1:500

SC-13

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

REVISED BY	DATE REVISED
Kathy	10/2008

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:01
02-05-09

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trmnguye
DGN FILE => 712184ma013.dgn
CU 07276
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	226	1073

2-24-09
REGISTERED CIVIL ENGINEER DATE

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

473+20
Temp CRASH CUSHION
'ARRAY TS14'

6 CHANNELIZERS
AT 6.1 m SPACING

Det 27B

R9-10

Det 11

C30A(CA)

Sta 474+15
END Det 27B

Sta 474+60
END LANE TRANSITION
END Det 11
END REMOVE TRAFFIC STRIPE
JOIN Exist

N FRONT St

R/W

MATCH LINE Sta 473+20

3.60
3.45
3.45
3.4
3.35
3.35
3.5
3.5
3.5
3.6
3.6

Var
3.6
3.6
3.6
3.35
3.35
3.6
3.6
3.6
3.6
3.6

474
475
476
477

ROUTE 5

BURBANK Blvd ON RAMP

BURBANK Blvd OFF RAMP

Det 37

Det 11

Det 27B

R/W

Sta 474+60
END LANE TRANSITION
END Det 11, 27B, 37
END REMOVE TRAFFIC STRIPE
JOIN Exist

1st St

GRINNEL Dr

ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1A)

SCALE 1:500

SC-14

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO

REVISED BY: Kathy
DATE REVISED: 10/2008

LAST REVISION DATE PLOTTED => 12-JUN-2009
02-05-09 TIME PLOTTED => 10:01

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trmnguye
DGN FILE => 712184mq014.dgn

CU 07276

EA 121841

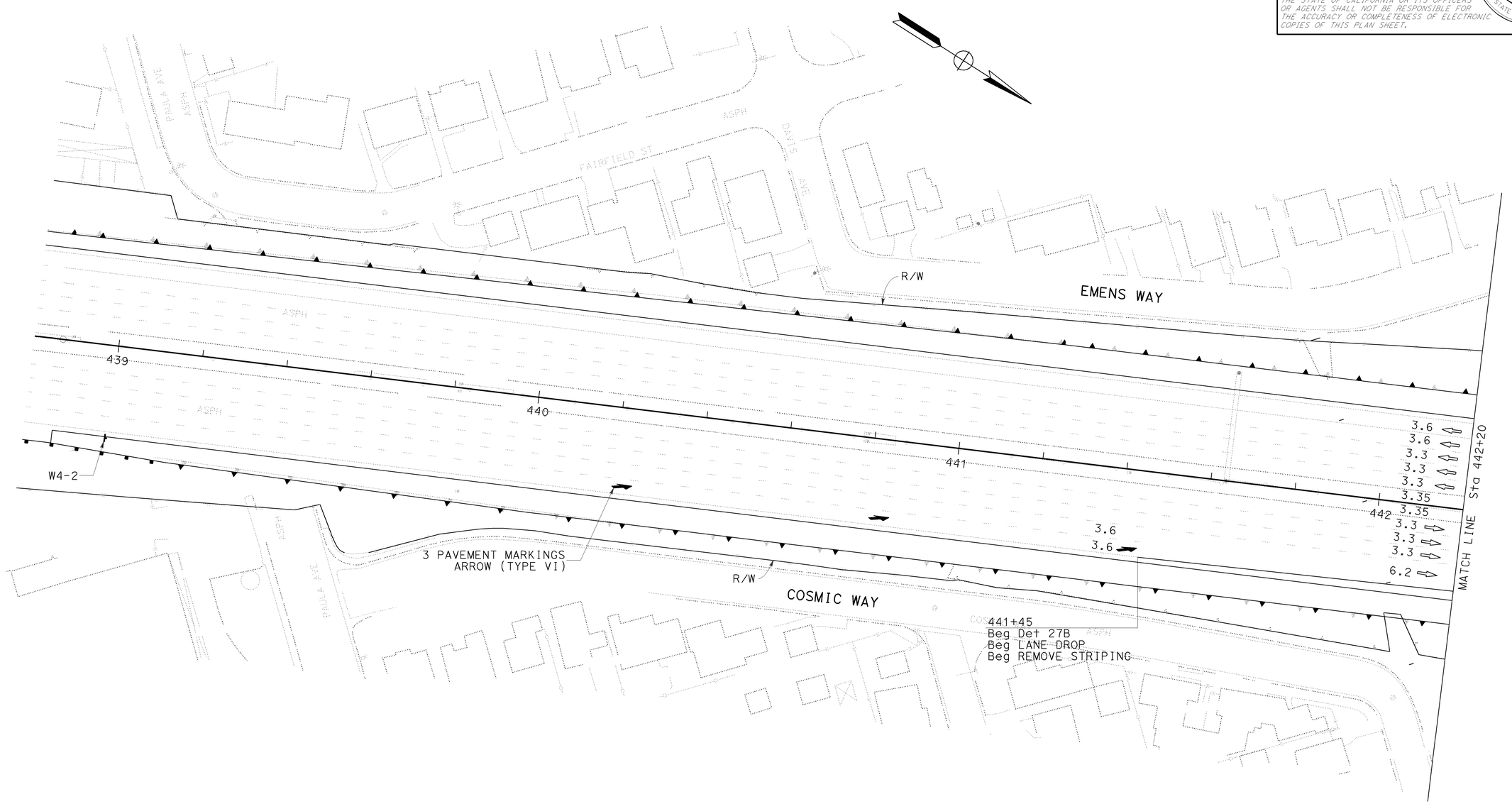
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	227	1073

2-24-09
REGISTERED CIVIL ENGINEER DATE

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1B)

SCALE 1:500

SC-15

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO

REVISED BY: WC
DATE REVISED: 12/08

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:01
10-17-08

BORDER LAST REVISED 3/1/2007

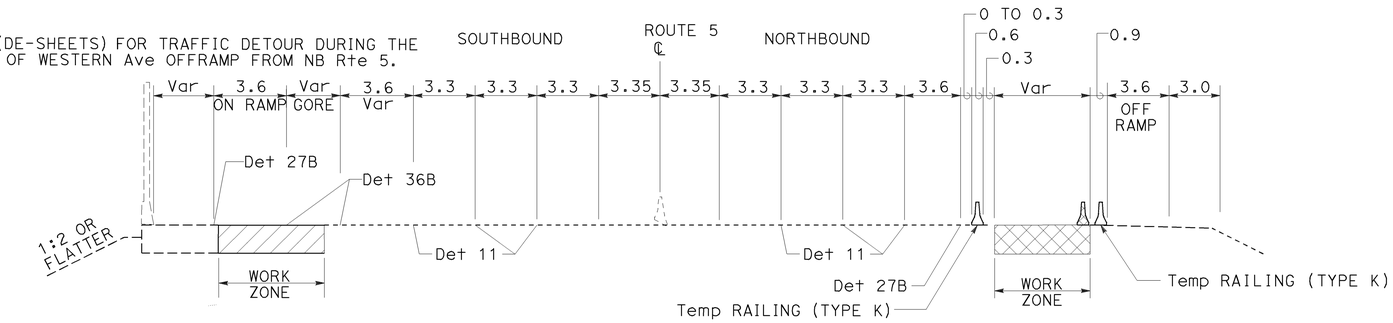
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trmnguye
DGN FILE => 712184ma015.dgn

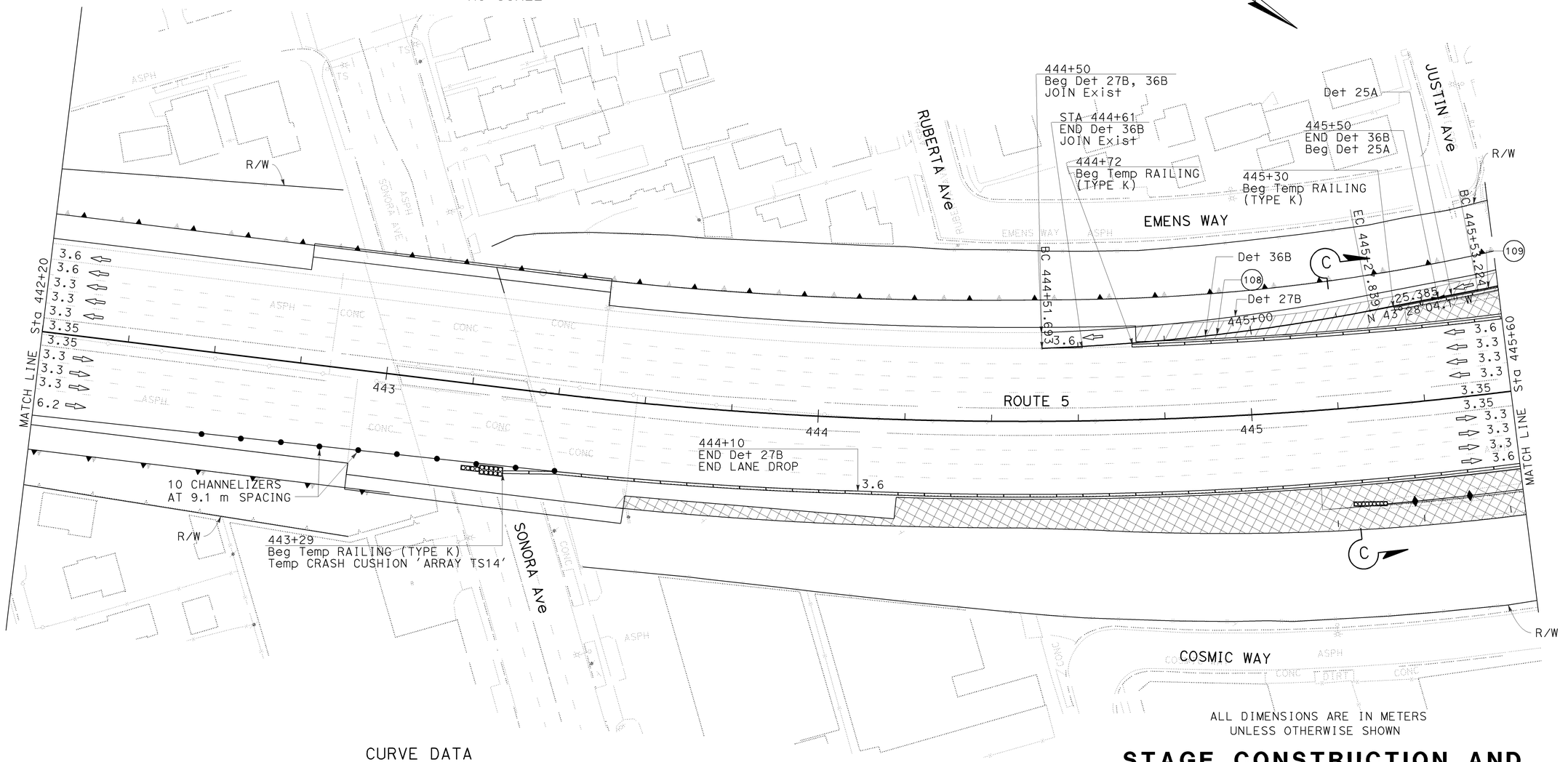
CU 07276

EA 121841

NOTE:
SEE DETOUR PLANS (DE-SHEETS) FOR TRAFFIC DETOUR DURING THE LONG-TERM CLOSURE OF WESTERN Ave OFFRAMP FROM NB Rte 5.



SECTION C - C
NO SCALE



CURVE DATA

No.	R	Δ	T	L
(108)	500.00	8°43'32"	38.15	76.15
(109)	110.00	54°8'45"	56.22	103.95

ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1B)

SCALE 1:500

SC-16

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	228	1073

2-24-09
REGISTERED CIVIL ENGINEER DATE

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

REVISED BY: Kathy
DATE REVISED: 10/2008
CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
FUNCTIONAL SUPERVISOR: CELINA AVILES
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:01
02-05-09

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trmnguye
DGN FILE => 712184ma016.dgn
CU 07276
EA 121841

NOTES:

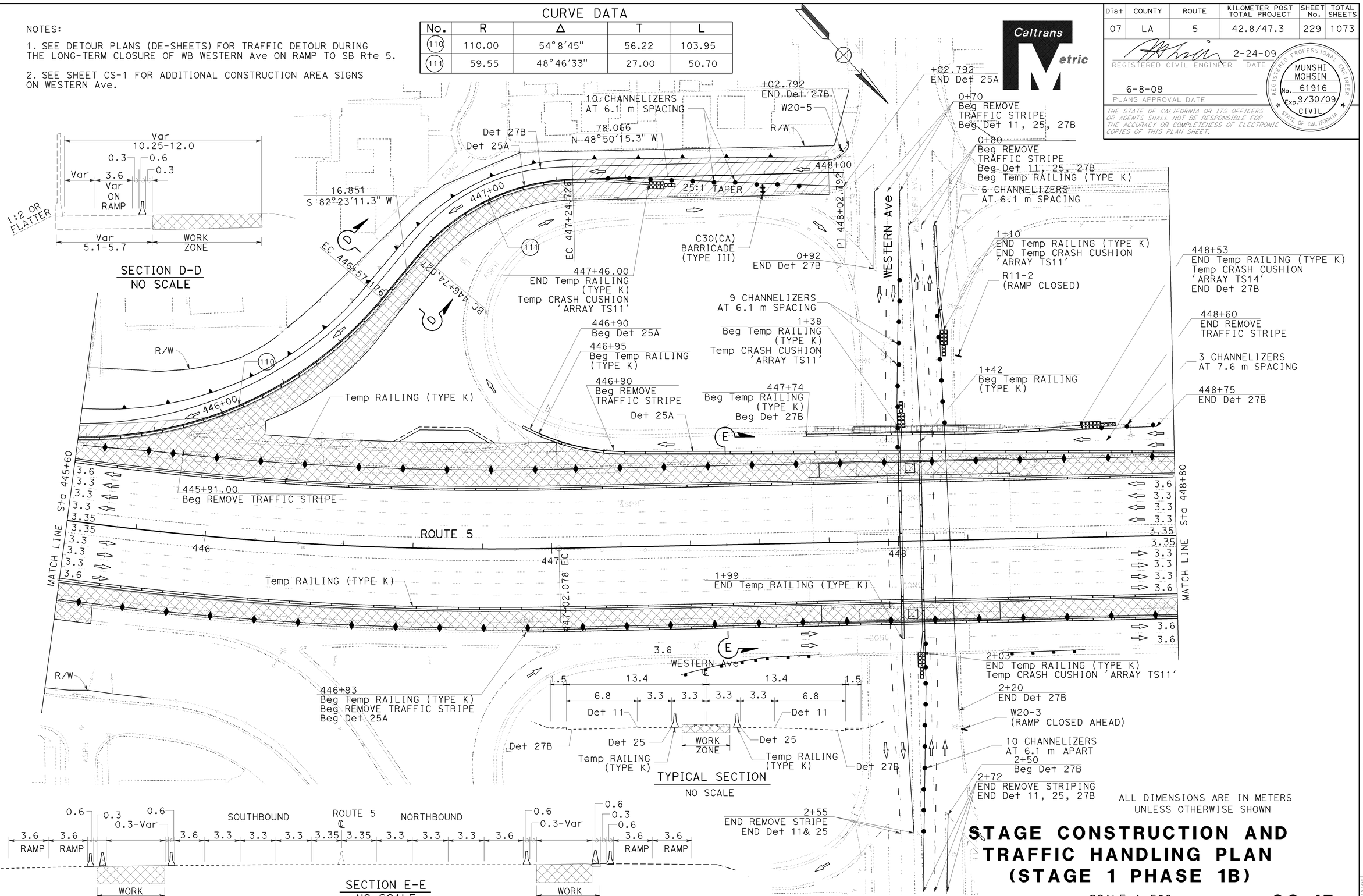
1. SEE DETOUR PLANS (DE-SHEETS) FOR TRAFFIC DETOUR DURING THE LONG-TERM CLOSURE OF WB WESTERN Ave ON RAMP TO SB Rte 5.

2. SEE SHEET CS-1 FOR ADDITIONAL CONSTRUCTION AREA SIGNS ON WESTERN Ave.

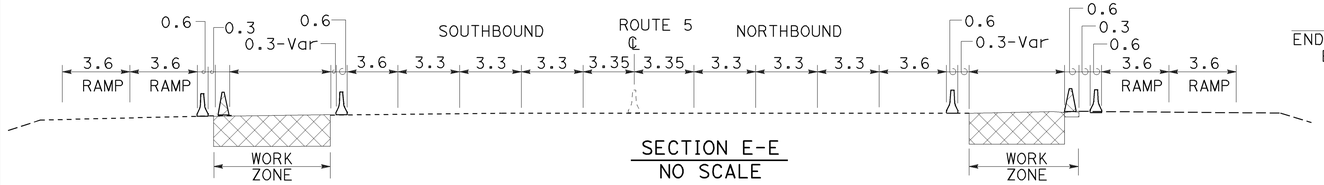
CURVE DATA

No.	R	Δ	T	L
110	110.00	54°8'45"	56.22	103.95
111	59.55	48°46'33"	27.00	50.70

SECTION D-D
NO SCALE



TYPICAL SECTION
NO SCALE



SECTION E-E
NO SCALE

ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1B)

SCALE 1:500

SC-17

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	229	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

Caltrans Metric

REVISED BY: Kathy — DATE REVISED: 10/2008
CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
FUNCTIONAL SUPERVISOR: CELINA AVILES
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:01
02-09-09

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80 | USERNAME => trmnguye | DGN FILE => 712184ma017.dgn | CU 07276 | EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	230	1073

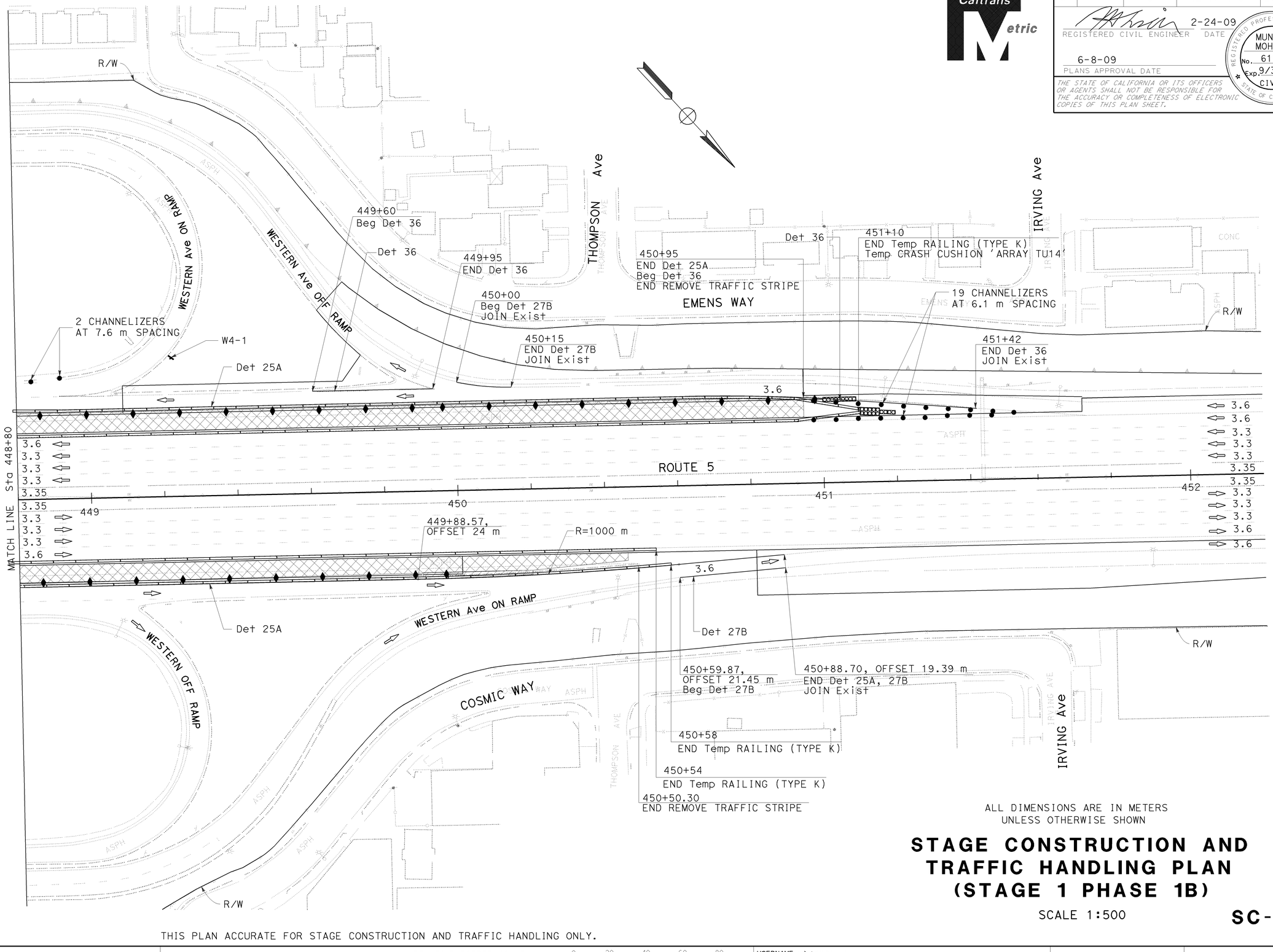
REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN No. 61916 Exp. 9/30/09 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

PLANS APPROVAL DATE 6-8-09

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

Caltrans Metric



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 1B)

SCALE 1:500

SC-18

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

CALCULATED-DESIGNED BY	CHECKED BY	FUNCTIONAL SUPERVISOR
WILL CARPIO	EUGENE BRAVO	CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

REVISED BY	DATE REVISED
Kathy	10/2008

LAST REVISION DATE PLOTTED => 12-JUN-2009
02-09-09 TIME PLOTTED => 10:01

BORDER LAST REVISED 3/1/2007 — RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80 — USERNAME => trmnguye — DGN FILE => 712184ma018.dgn — CU 07276 — EA 121841

NOTES:
SEE DETOUR PLANS (DE-SHEETS) FOR TRAFFIC DETOUR DURING
THE LONG-TERM CLOSURE OF WESTERN Ave OFF-RAMP FROM SB Rte 5.

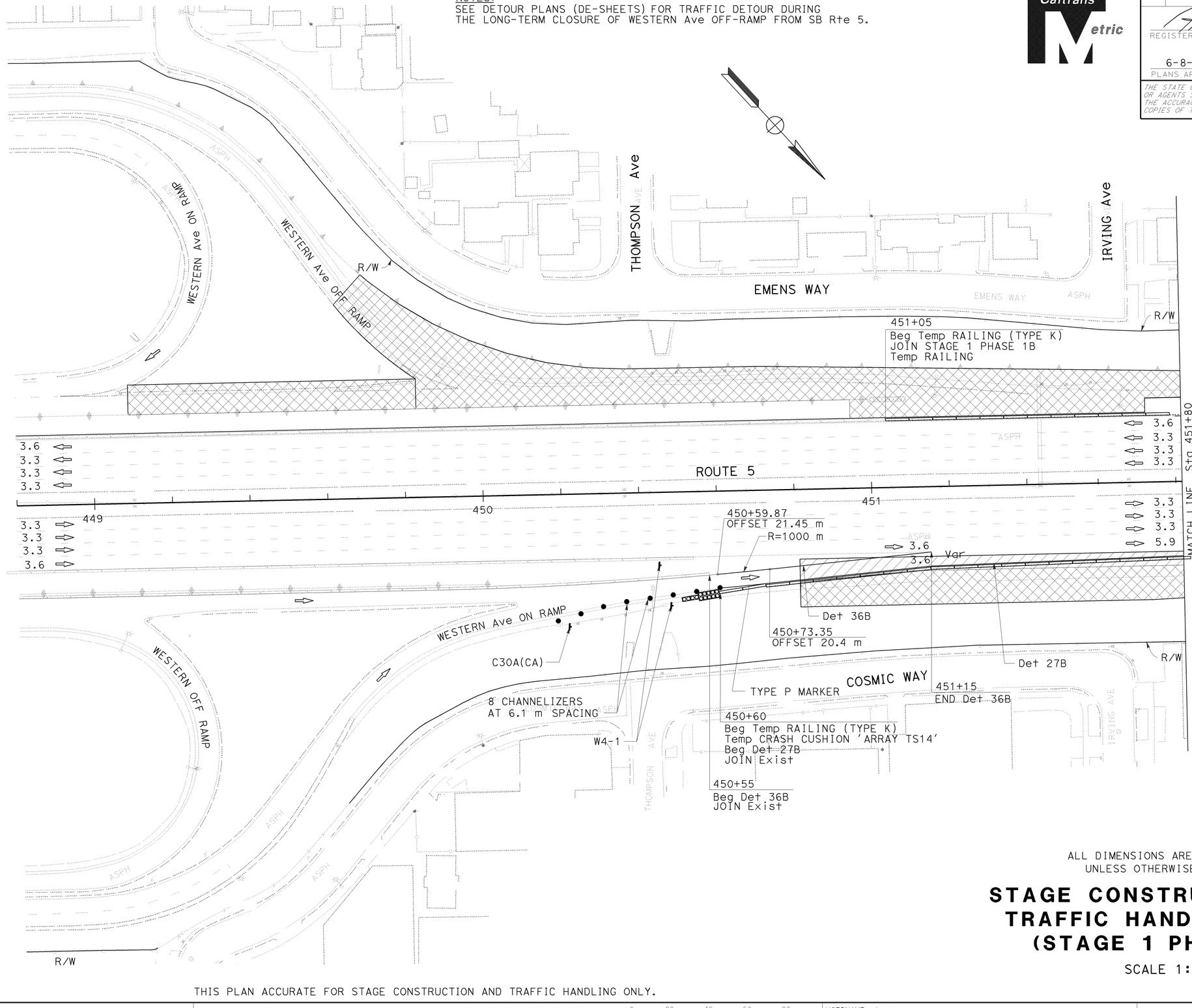
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	231	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 2A)

SCALE 1:500

SC-19

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: Kathy
DATE REVISED: 10/2008
FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:01

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trmnguye
DGN FILE => 712184ma019.dgn
CU 07276
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	232	1073

REGISTERED CIVIL ENGINEER 2-24-09 DATE

6-8-09
PLANS APPROVAL DATE

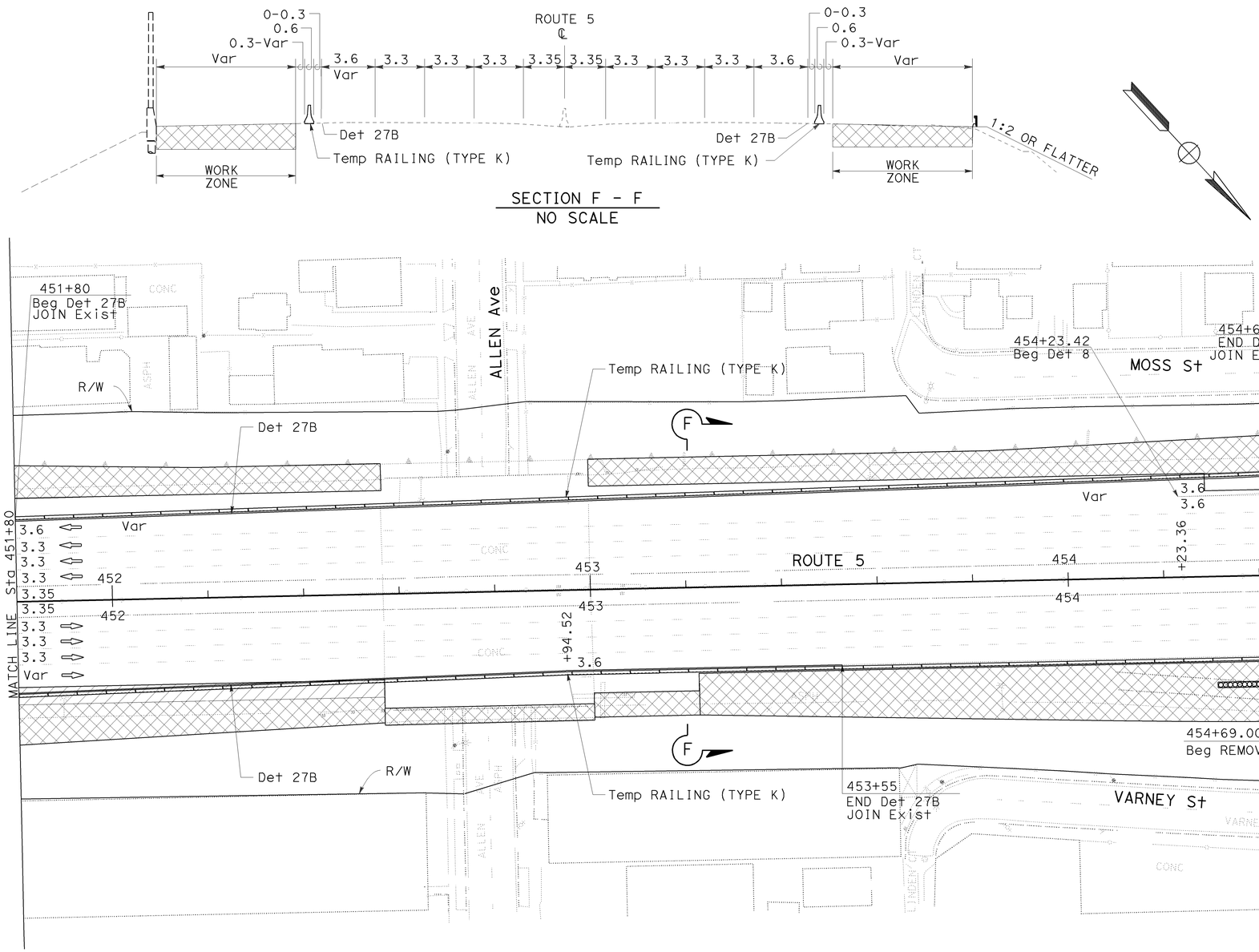
REGISTERED PROFESSIONAL ENGINEER MUNSHI MOHSIN No. 61916 Exp. 9/30/09 CIVIL STATE OF CALIFORNIA

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

Caltrans Metric

NOTE:

1. SEE DETOUR PLANS (DE-SHEETS) FOR TRAFFIC DETOUR DURING THE LONG-TERM CLOSURE OF ALAMEDA Ave OFF RAMP FROM NB Rte 5.



SECTION F - F
NO SCALE

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 2A)

SCALE 1:500

SC-20

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES
CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: Kathy
DATE REVISED: 10/2008

LAST REVISION 02-09-09
DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:02

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	233	1073

2-24-09
REGISTERED CIVIL ENGINEER DATE

MUNSHI MOHSIN No. 61916 Exp. 9/30/09 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

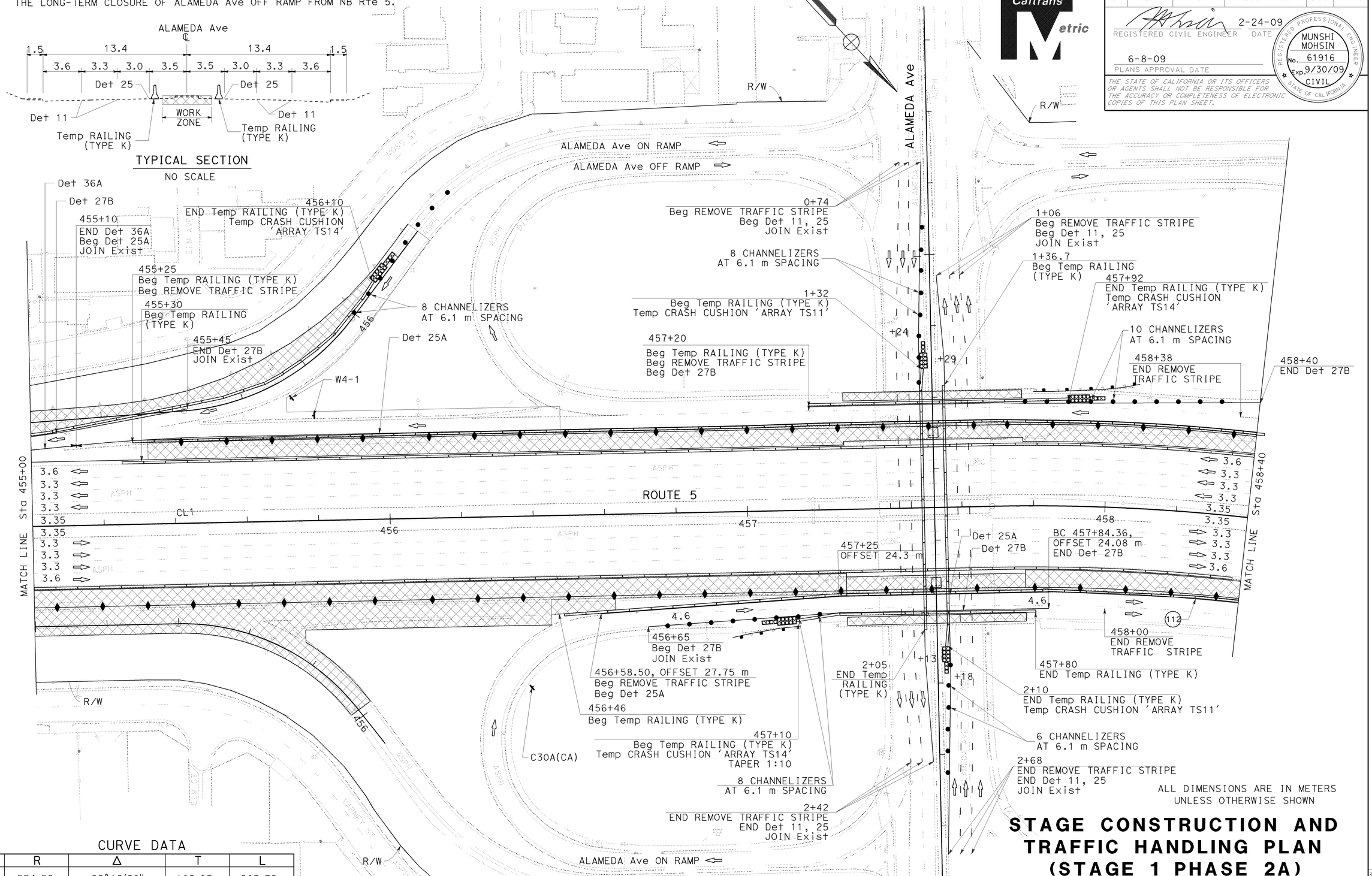
6-8-09
PLANS APPROVAL DATE

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

Caltrans Metric

NOTE: 1. SEE DETOUR PLANS (DE-SHEETS) FOR TRAFFIC DETOUR DURING THE LONG-TERM CLOSURE OF ALAMEDA Ave OFF RAMP FROM NB Rte 5.

TYPICAL SECTION
NO SCALE



CURVE DATA

No.	R	Δ	T	L
(112)	524.56	22°12'28"	102.95	203.32

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 2A)

SCALE 1:500

SC-21

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
WILL CARPIO	EUGENE BRAVO	WC	12/08

FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 12-JUN-2009
02-09-09 TIME PLOTTED => 10:02

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	234	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN No. 61916 Exp. 9/30/09 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

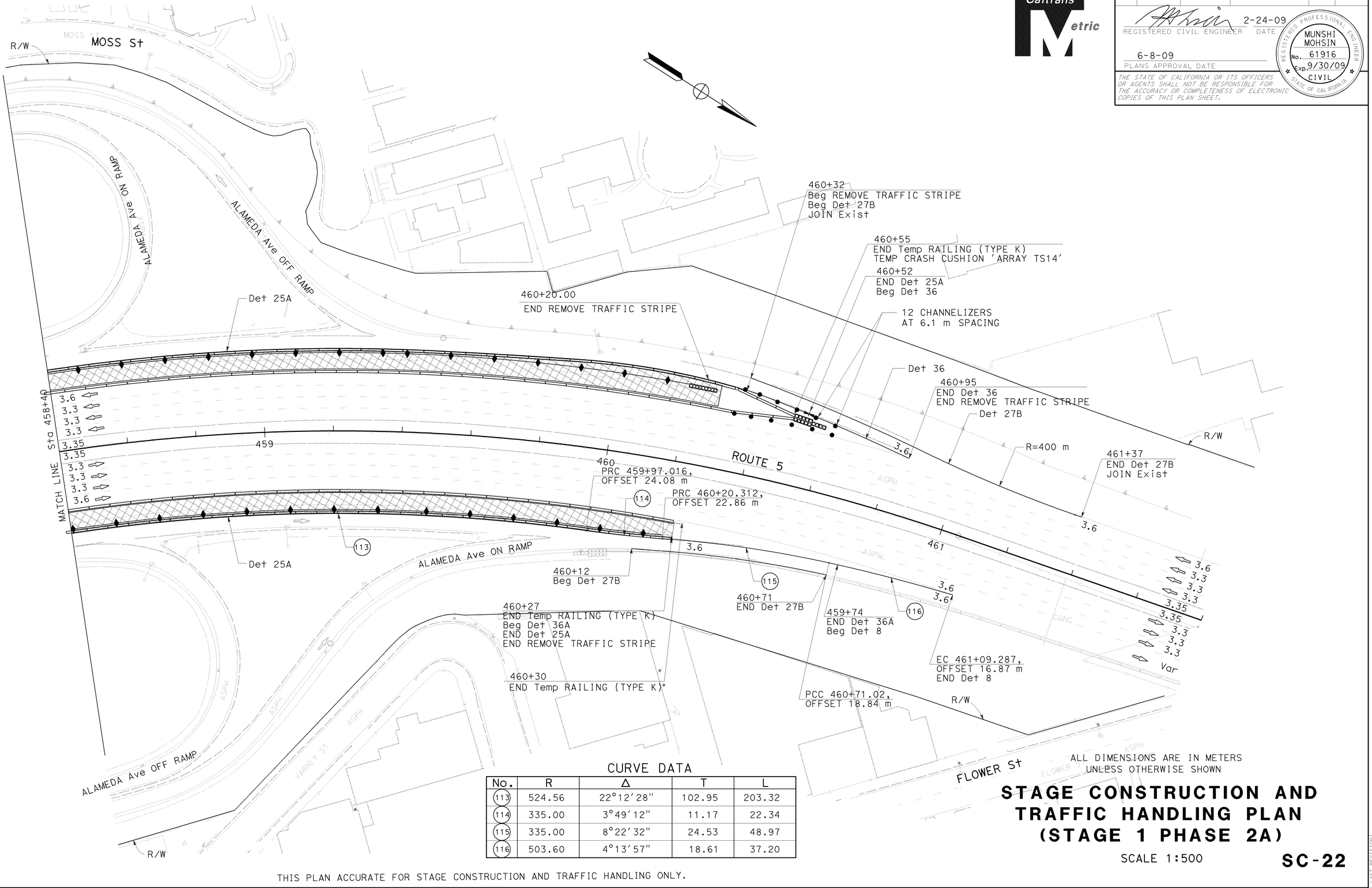
6-8-09
PLANS APPROVAL DATE

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

Caltrans Metric

REVISED BY Kathy
DATE REVISED 10/2008
CALCULATED-DESIGNED BY WILL CARPIO
CHECKED BY EUGENE BRAVO
FUNCTIONAL SUPERVISOR CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D



CURVE DATA

No.	R	Δ	T	L
113	524.56	22°12'28"	102.95	203.32
114	335.00	3°49'12"	11.17	22.34
115	335.00	8°22'32"	24.53	48.97
116	503.60	4°13'57"	18.61	37.20

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 2A)

SCALE 1:500

SC-22

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

LAST REVISION DATE PLOTTED => 12-JUN-2009
02-09-09 TIME PLOTTED => 10:02

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trmnguye
DGN FILE => 712184ma022.dgn

CU 07276

EA 121841

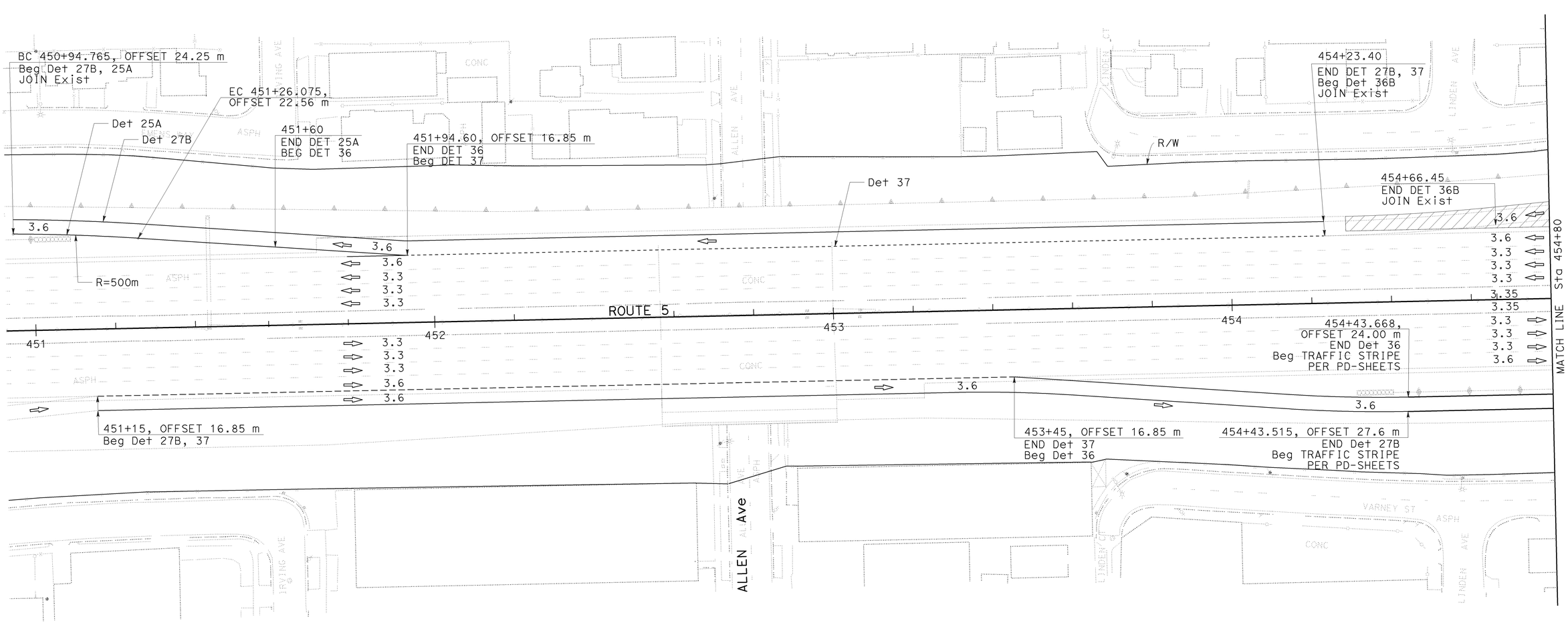
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	235	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 2B)

SCALE 1:500

SC-23

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES
CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: Kathy
DATE REVISED: 10/2008

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:02
02-09-09

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trmnguye
DGN FILE => 712184ma023.dgn
CU 07276
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	236	1073

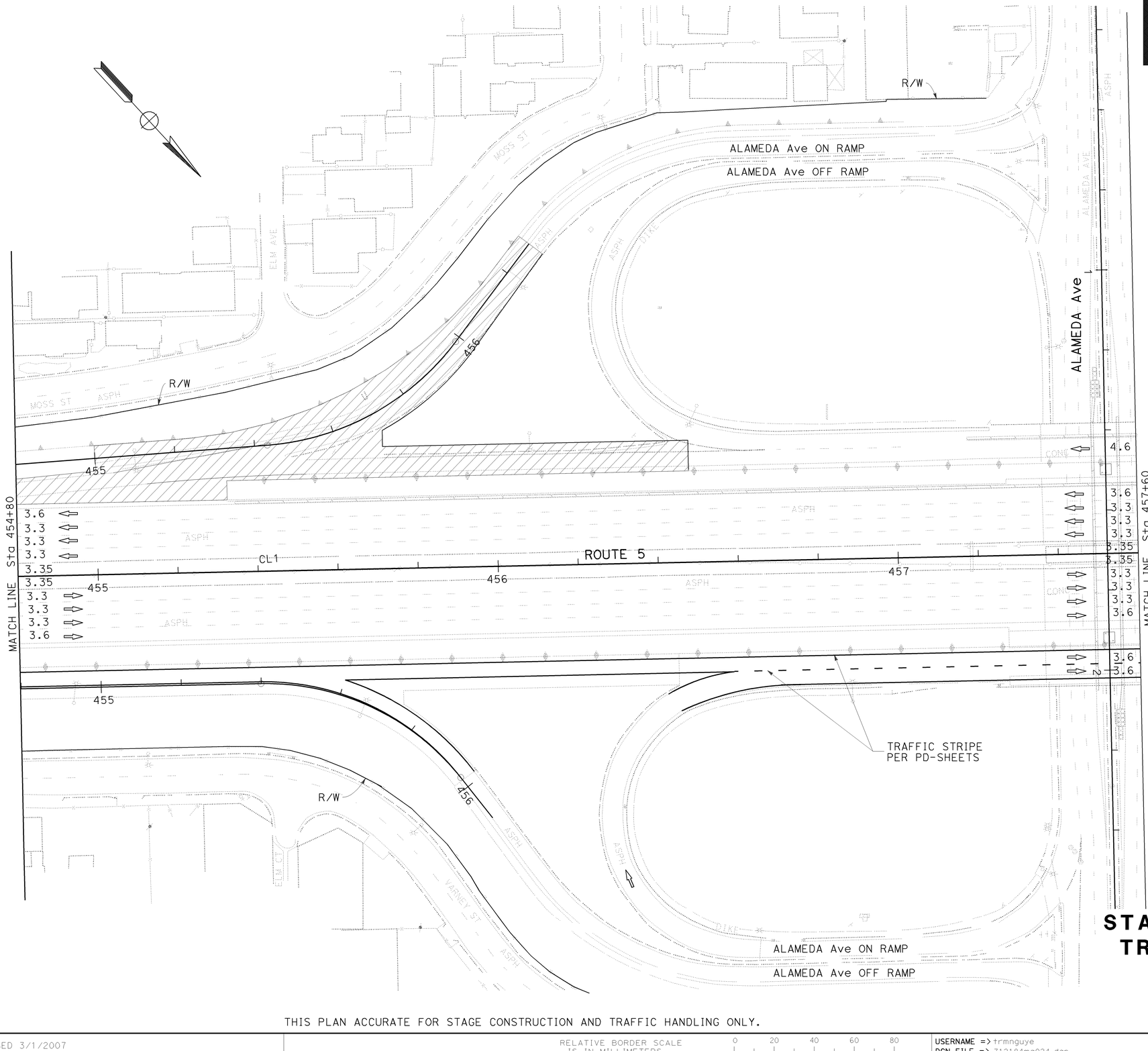
REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

Caltrans Metric



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 2B)

SCALE 1:500

SC-24

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO

REVISED BY: Will C
DATE REVISED: 03/2008

LAST REVISION DATE PLOTTED => 12-JUN-2009
02-09-09 TIME PLOTTED => 10:02

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trmnguye
DGN FILE => 712184ma024.dgn

CU 07276

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	237	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

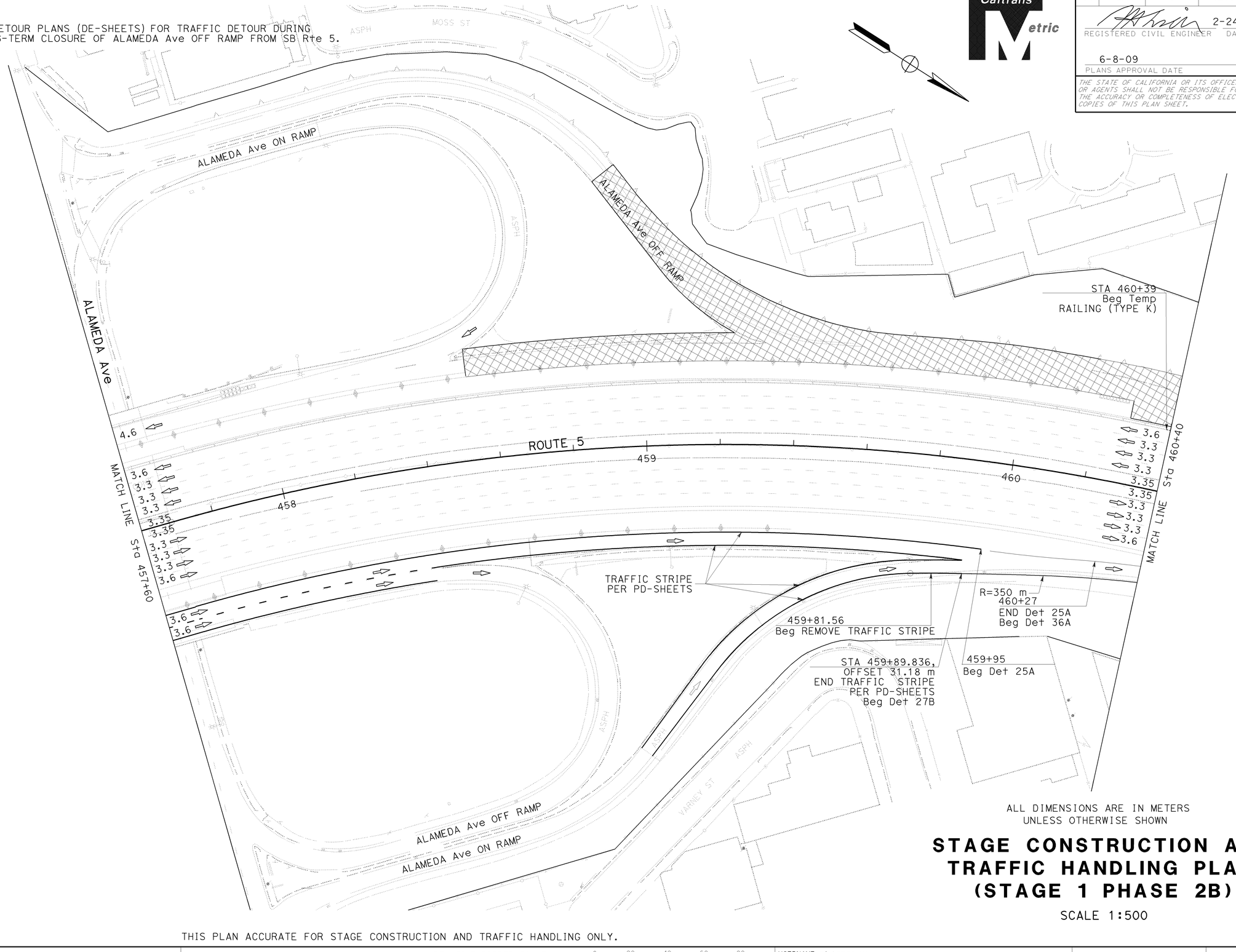
MUNSHI MOHSIN No. 61916 Exp. 9/30/09 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

NOTES:

1. SEE DETOUR PLANS (DE-SHEETS) FOR TRAFFIC DETOUR DURING THE LONG-TERM CLOSURE OF ALAMEDA Ave OFF RAMP FROM SB Rte 5.



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 2B)

SCALE 1:500

SC-25

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES
CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: Kathy
DATE REVISED: 10/2008

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:02
02-09-09

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trmnguye
DGN FILE => 712184ma025.dgn
CU 07276
EA 121841

NOTES:

1. SEE DETOUR PLANS (DE-SHEETS) FOR TRAFIC DETOUR DURING THE LONG-TERM CLOSURE OF ALAMEDA Ave OFF RAMP FROM SB Rte 5.

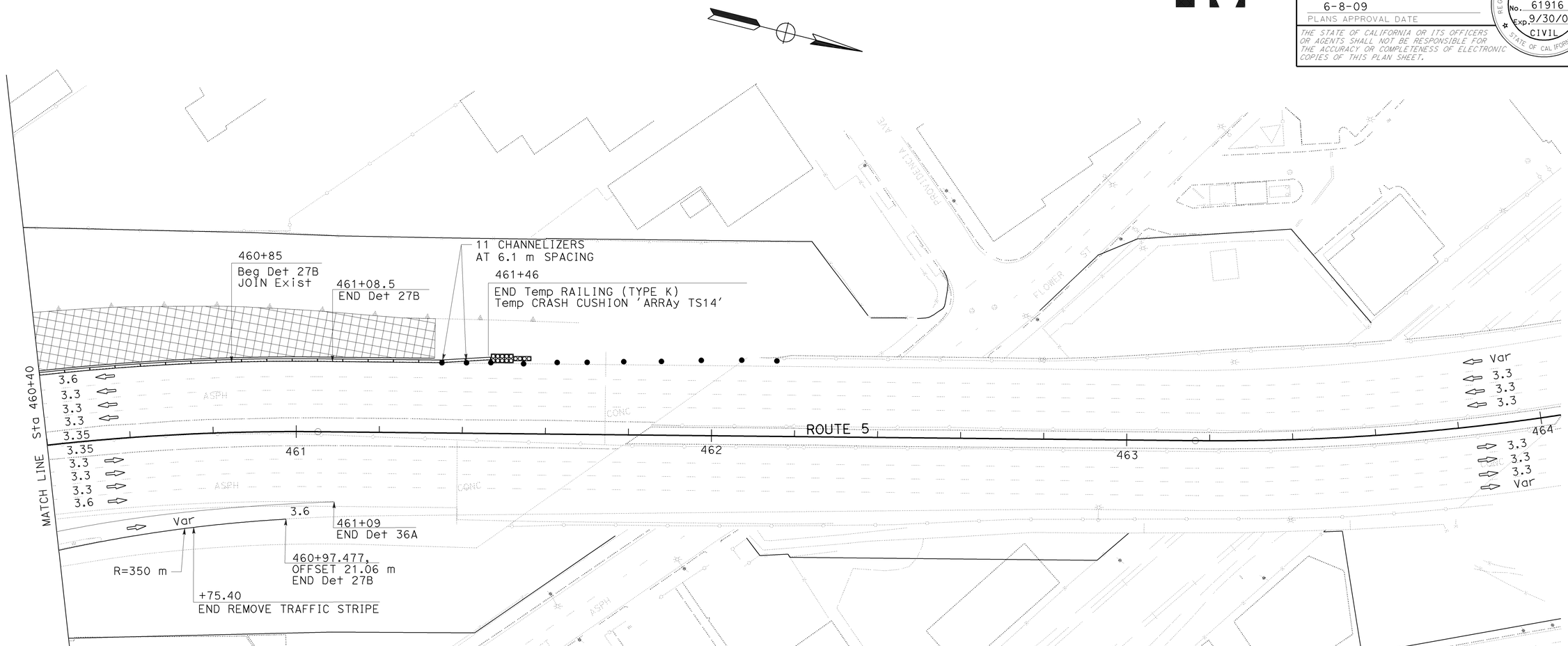
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	238	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

REGISTERED PROFESSIONAL ENGINEER — MUNSHI MOHSIN — No. 61916 — Exp. 9/30/09 — CIVIL — STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 2B)

SCALE 1:500

SC-26

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES
CALCULATED-DESIGNED BY:
CHECKED BY:
WILL CARPIO
EUGENE BRAVO
REVISED BY: Kathy
DATE REVISED: 10/2008

LAST REVISION
DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:02
02-09-09

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trmnguye
DGN FILE => 712184ma026.dgn
CU 07276
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	239	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

Caltrans Metric

454+94.00,
OFFSET 24.52 m
Beg Det 27B

455+51.92,
OFFSET 32.59 m
END Det 27B

R=500 m

TRAFFIC STRIPES
PER PD-SHEETS

TRAFFIC STRIPES
PER PD-SHEETS

ALAMEDA Ave OFF RAMP

ALAMEDA Ave

CL1

ROUTE 5

455 456 457 458

MATCH LINE Sta 458+60

4 CHANNELIZERS
AT 6.1 m SPACING

R/W

VARNEY ST

ALAMEDA Ave ON RAMP

ALAMEDA Ave OFF RAMP

ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 3)

SCALE 1:500

SC-27

THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

CALCULATED-DESIGNED BY			
CHECKED BY			
WILL CARPIO	EUGENE BRAVO	03/2008	Dan
		03/2008	10/2008
		REVISED BY	DATE REVISED

FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:02
02-09-09

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trmnguye
DGN FILE => 712184ma027.dgn

CU 07276

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	240	1073

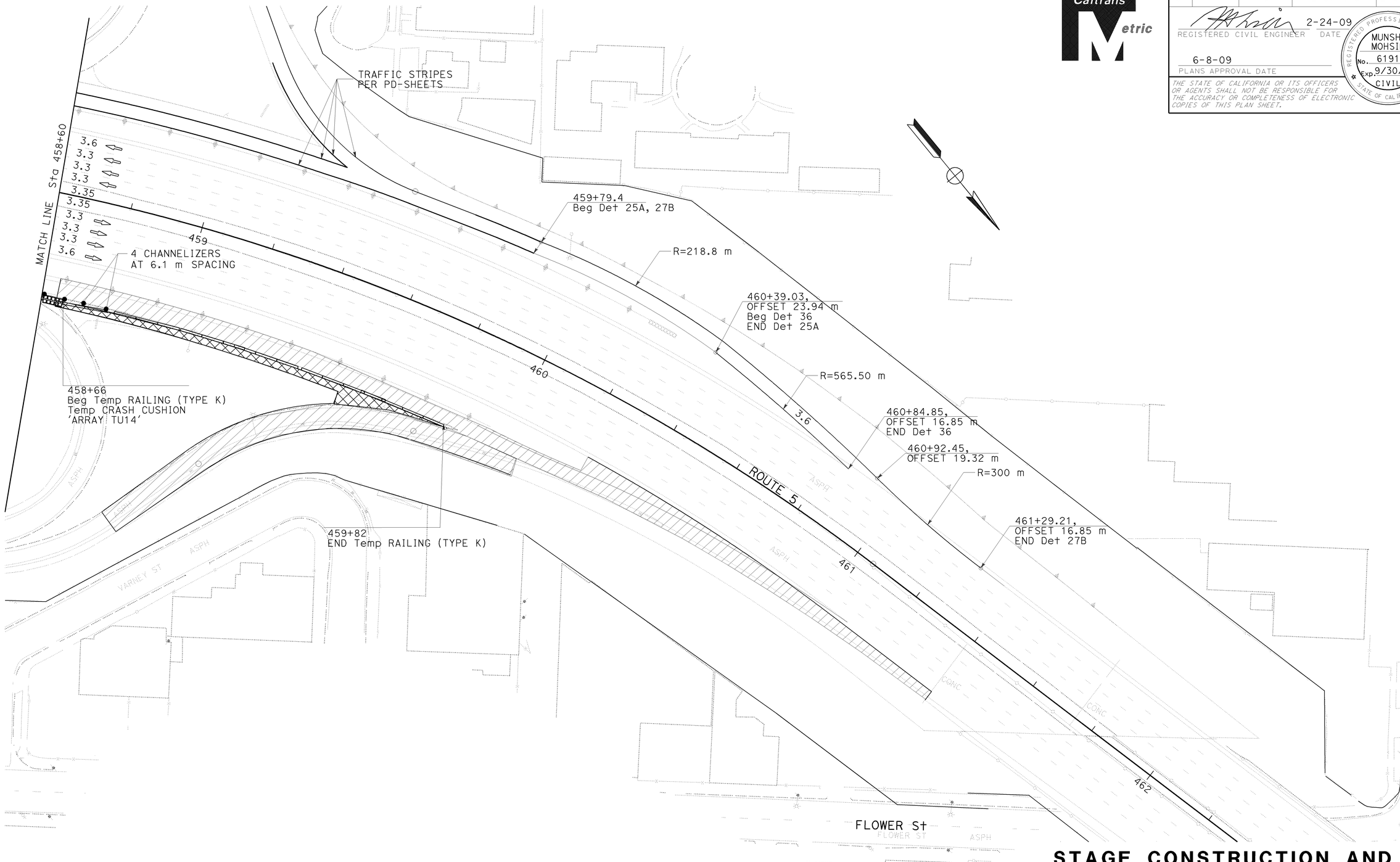
REGISTERED CIVIL ENGINEER 2-24-09 DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER MUNSHI MOHSIN No. 61916 Exp. 9/30/09 CIVIL STATE OF CALIFORNIA

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

Caltrans Metric



STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 1 PHASE 3)

THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

SCALE 1:500

SC-28

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES
CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: 03/2008 Dan
DATE REVISED: 03/2008 10/2008

LAST REVISION 02-09-09
DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:02

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trmnguye
DGN FILE => 712184ma028.dgn
CU 07276
EA 121841

NOTES:

1. STAGE 2 TRAFFIC STRIPING AND MARKINGS SHALL BE PER PAVEMENT DELINEATION PLANS (PD-SHEETS) AND MATERIAL, UNLESS NOTED OTHERWISE.

2. DEFER THE FINAL HOV LANE STRIPING IN STAGE 2.

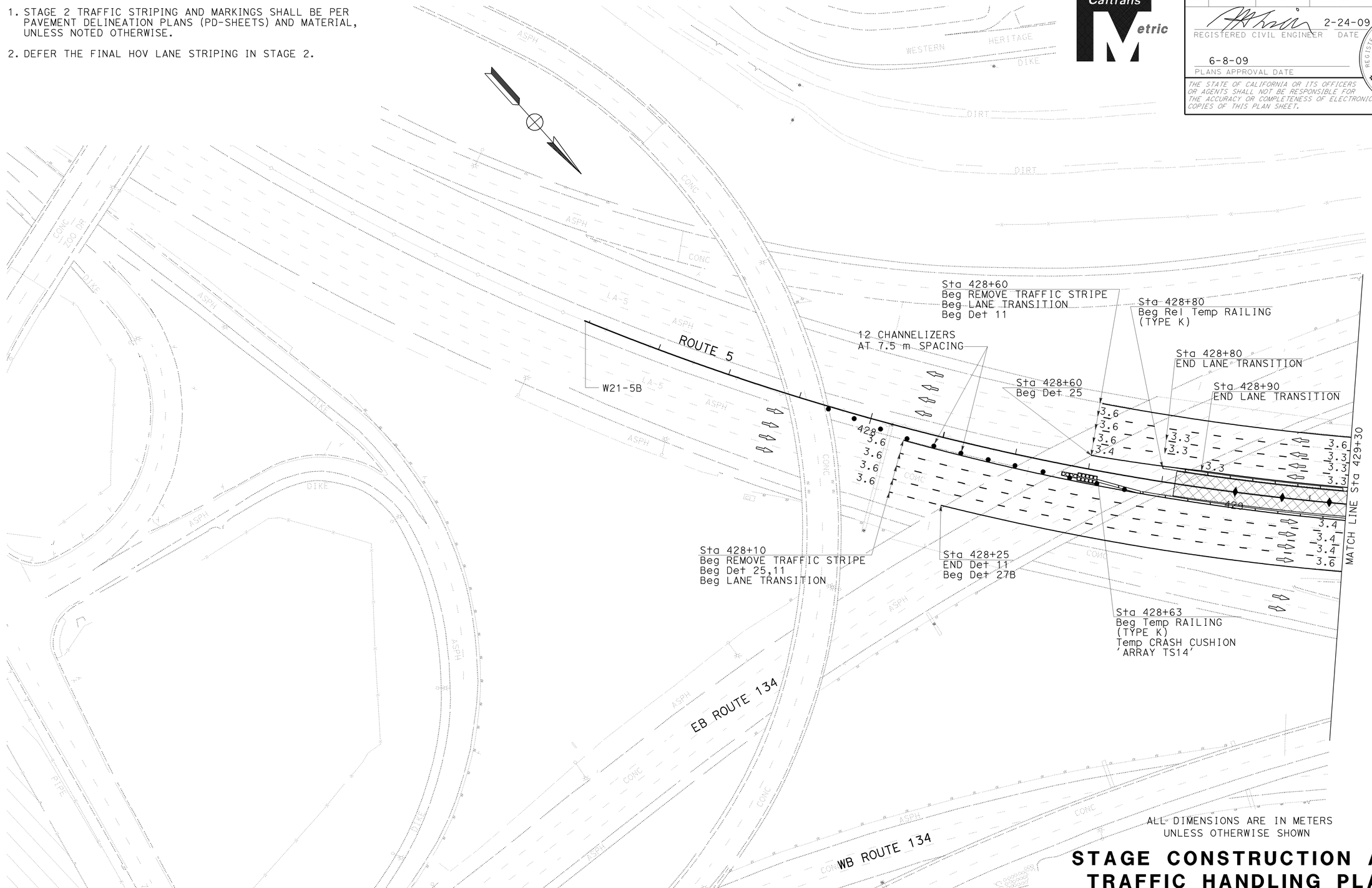
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	241	1073

REGISTERED CIVIL ENGINEER — DATE: 2-24-09

MUNSHI MOHSIN No. 61916 Exp. 9/30/09 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 2)

SCALE 1:500

SC-29

THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

REVISED BY	DATE REVISED
DP	11/2008
CTT	01/2009

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION: DATE PLOTTED => 12-JUN-2009
02-17-09 TIME PLOTTED => 10:03

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80 | USERNAME => trmnguye | DGN FILE => 712184ma029.dgn | CU 07276 | EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	242	1073

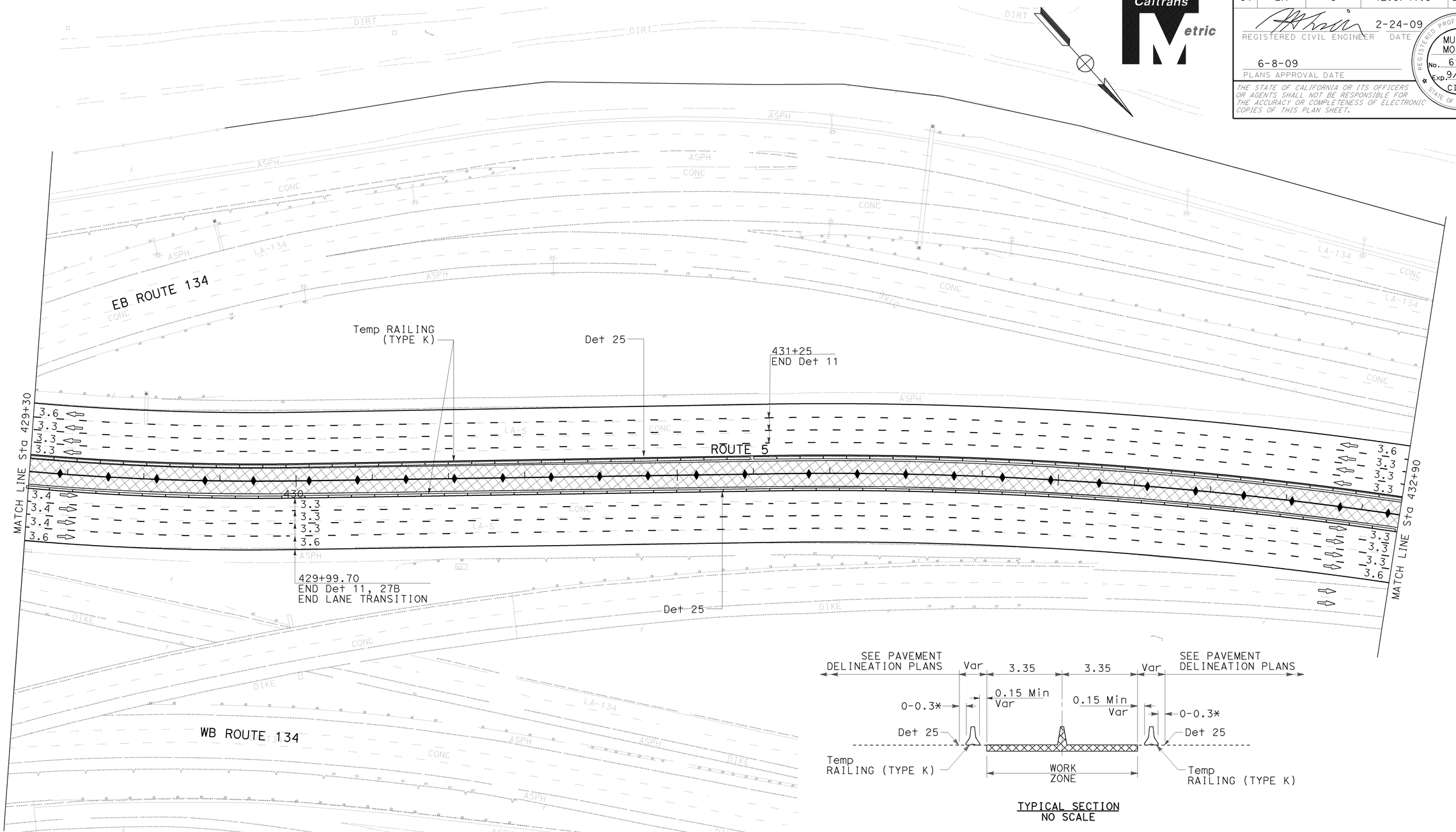
REGISTERED CIVIL ENGINEER 2-24-09 DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER MUNSHI MOHSIN No. 61916 Exp. 9/30/09 CIVIL STATE OF CALIFORNIA

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

Caltrans Metric



TYPICAL SECTION
NO SCALE

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 2)

SCALE 1:500

SC-30

* PROVIDE 0.3 m BETWEEN INSIDE ETW AND TEMPORARY RAILING (TYPE K) BETWEEN THE FOLLOWING STATIONS: SB STA 428+80.000 TO STA 463+80.000, NB STA 443+36.000 TO STA 473+20.000

THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES
CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: DP
DATE REVISED: 11/2008
CTT: 01/2009

LAST REVISION 02-02-09
DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:03

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	243	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

Caltrans Metric

EB ROUTE 134

Sta 434+52
END REMOVE TRAFFIC STRIPE

Sta 434+52
Beg REMOVE TRAFFIC STRIPE

Det 25

ROUTE 5

MATCH LINE Sta 432+90

MATCH LINE Sta 436+40

Det 25

Temp RAILING
(TYPE K)

Sta 433+26
Beg REMOVE TRAFFIC STRIPE

WB ROUTE 134

LOS ANGELES RIVER

ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 2)

SCALE 1:500

SC-31

THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: DP
DATE REVISED: 11/2008
FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 12-JUN-2009
02-17-09 TIME PLOTTED => 10:03

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trmnguye
DGN FILE => 712184ma031.dgn

CU 07276

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	244	1073

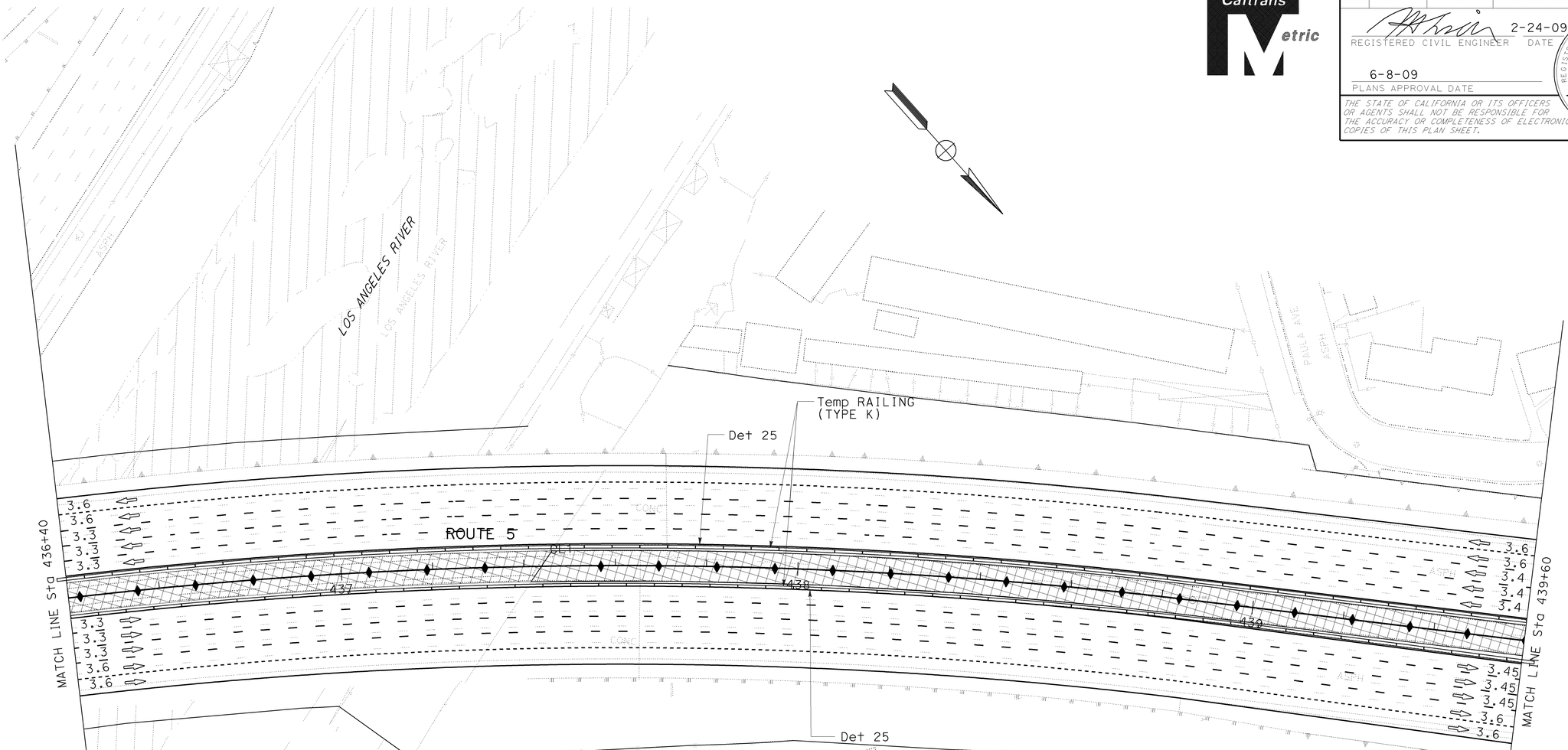
REGISTERED CIVIL ENGINEER — DATE: 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

Caltrans Metric



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 2)

SCALE 1:500

SC-32

THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: DP
DATE REVISED: 11/2008
FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION — DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:03
02-17-09

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trmnguye
DGN FILE => 712184ma032.dgn
CU 07276
EA 121841

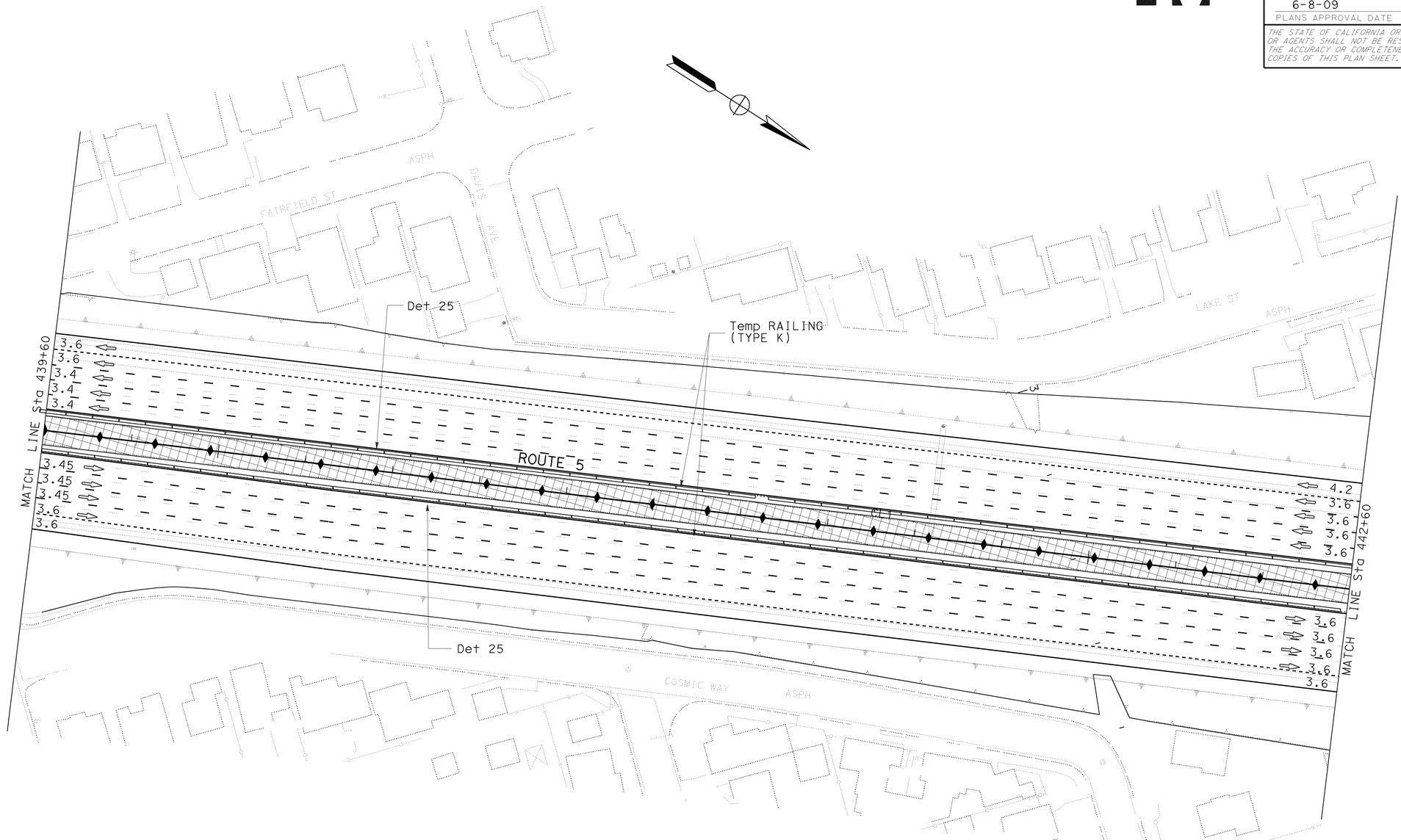
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	245	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 2)

SCALE 1:500

SC-33

THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: DP
DATE REVISED: 11/2008
FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:03

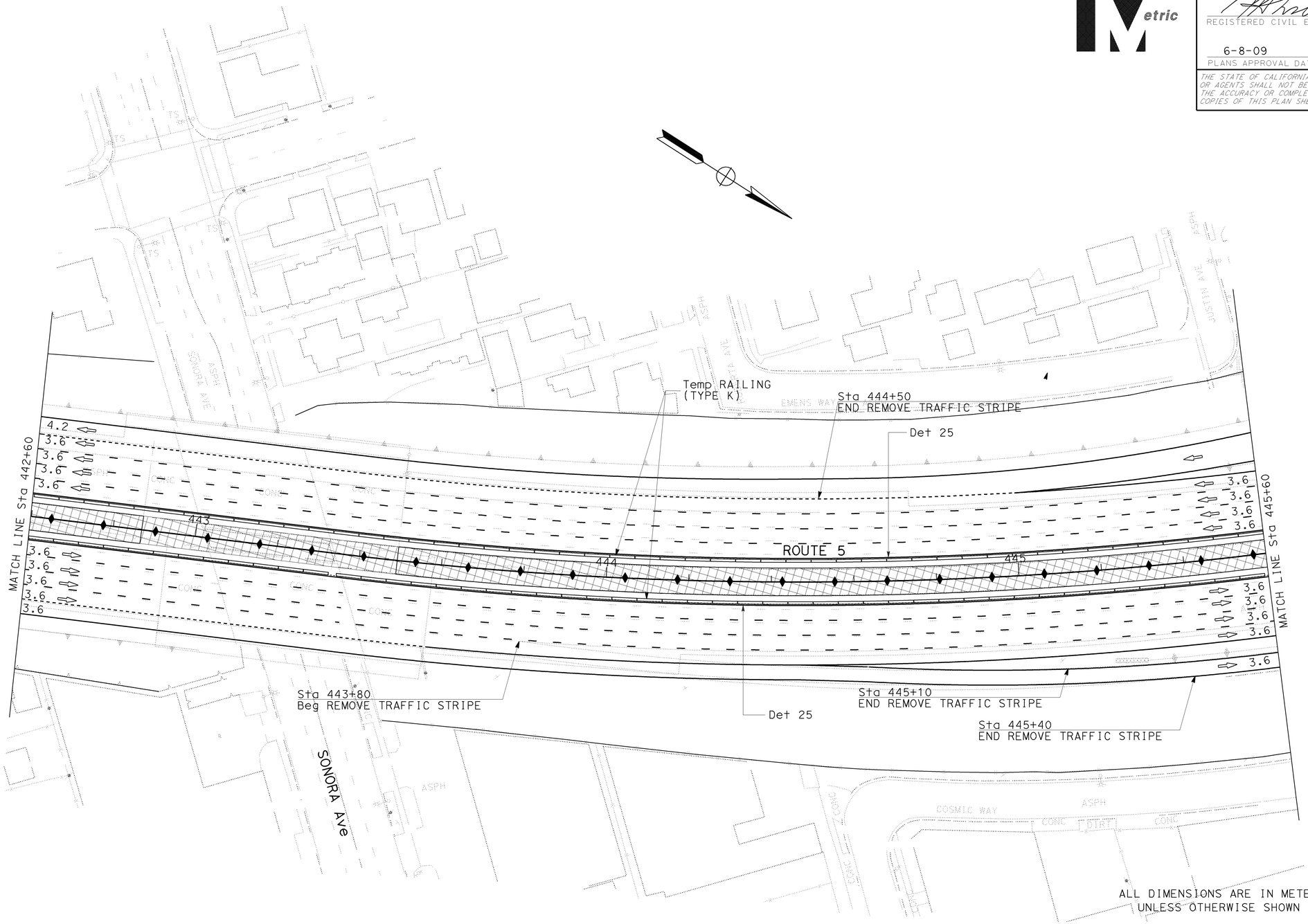
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	246	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 2)

SCALE 1:500

SC-34

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: DP
DATE REVISED: 11/2008
FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION | DATE PLOTTED => 12-JUN-2009 | TIME PLOTTED => 10:03
02-17-09

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80 | USERNAME => trmnguye | DGN FILE => 712184ma034.dgn | CU 07276 | EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	247	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

Caltrans Metric

Sta 447+82
END REMOVE TRAFFIC STRIPE

Sta 445+80
Beg REMOVE TRAFFIC STRIPE

Sta 446+05
Beg REMOVE TRAFFIC STRIPE

Sta 446+94
Beg REMOVE TRAFFIC STRIPE

Temp RAILING
(TYPE K)

Det 25

Det 25

WESTERN Ave

WINCHESTER AVE

ROUTE 5

MATCH LINE Sta 445+60

MATCH LINE Sta 448+80

ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 2)

SCALE 1:500

SC-35

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO

REVISED BY: DP
DATE REVISED: 11/2008

LAST REVISION
DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:05
02-17-09

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trmnguye
DGN FILE => 712184ma035.dgn

CU 07276

EA 121841

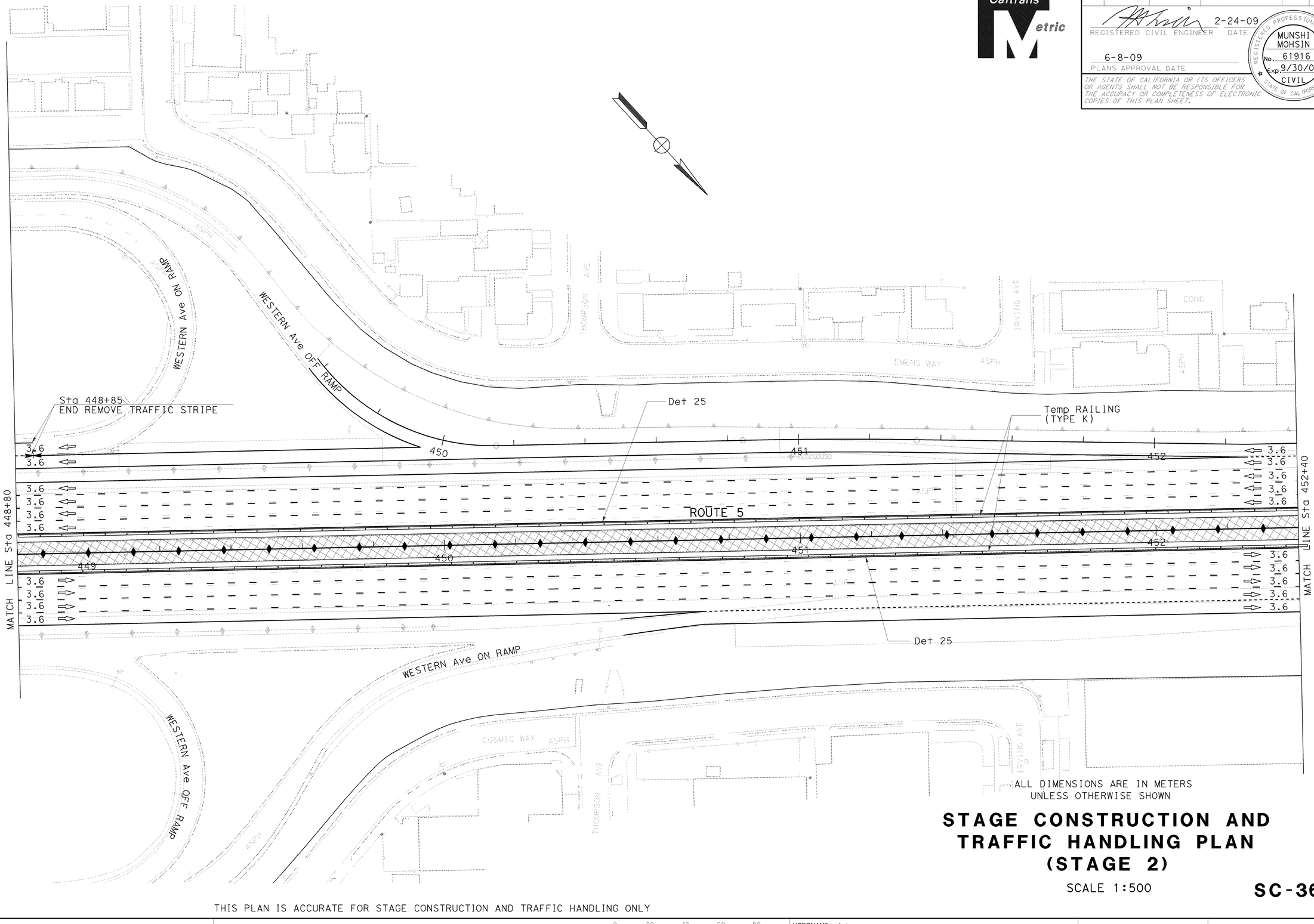
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	248	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 2)

SCALE 1:500

SC-36

THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: DP
DATE REVISED: 11/2008
FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 15-JUN-2009
02-17-09 TIME PLOTTED => 11:17

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trmnguye
DGN FILE => 712184mq036.dgn

CU 07276

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	249	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

REGISTERED PROFESSIONAL ENGINEER — MUNSHI MOHSIN — No. 61916 — Exp. 9/30/09 — CIVIL — STATE OF CALIFORNIA

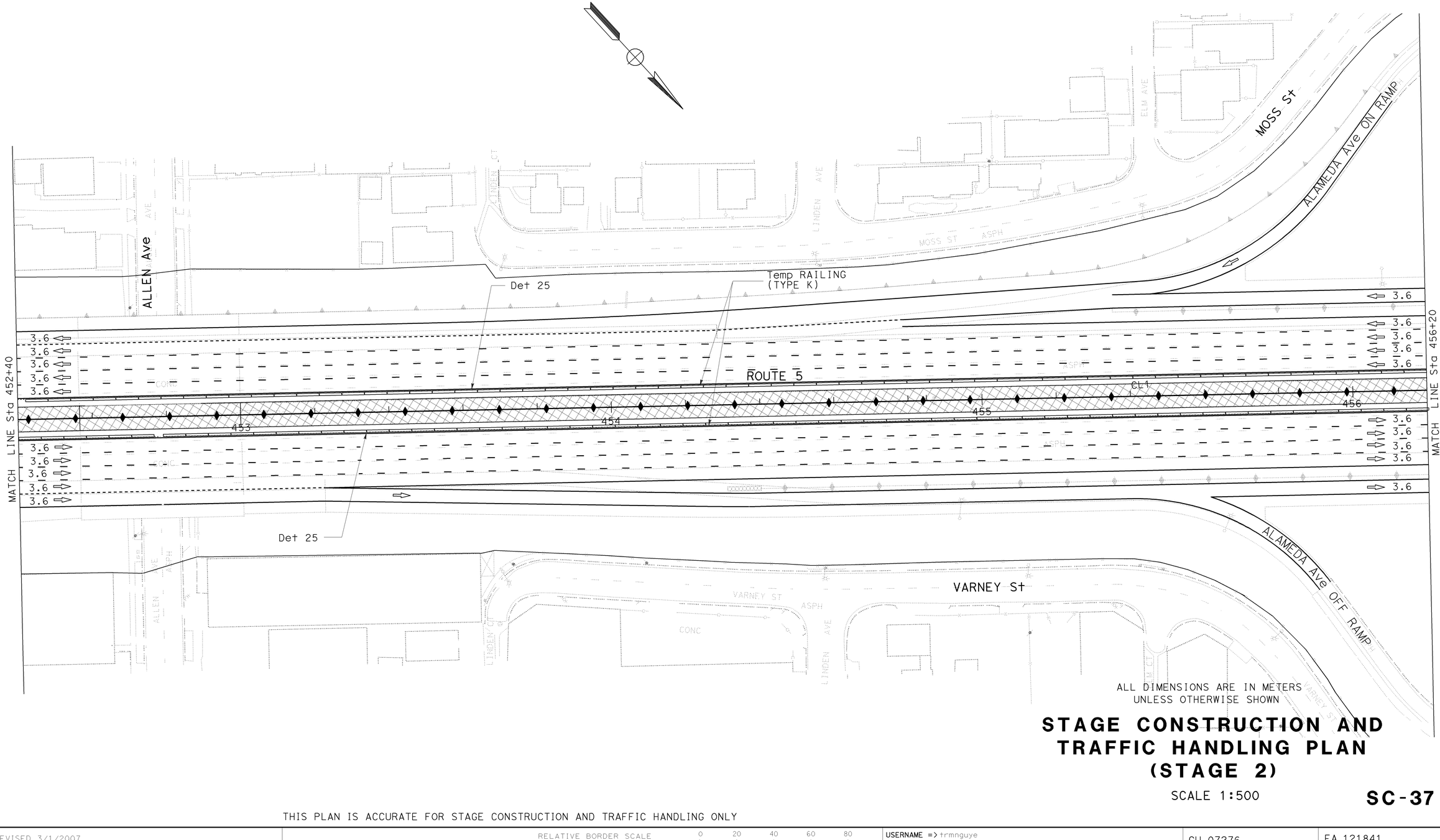
6-8-09
PLANS APPROVAL DATE

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

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: DP
DATE REVISED: 11/2008

FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 2)

SCALE 1:500

SC-37

THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

LAST REVISION DATE PLOTTED => 12-JUN-2009
02-17-09 TIME PLOTTED => 10:05

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trmnguye
DGN FILE => 712184ma037.dgn

CU 07276

EA 121841

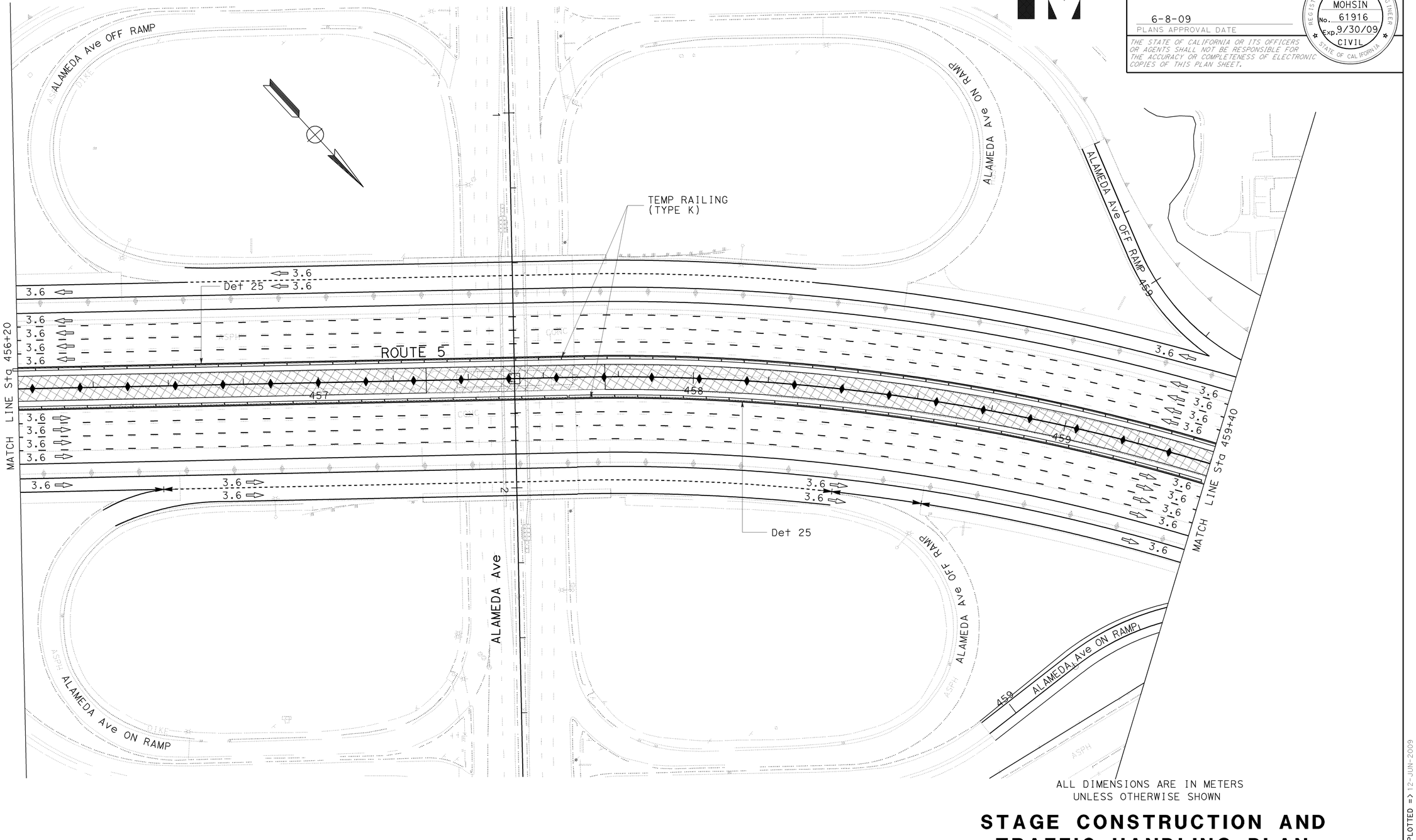
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	250	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 2)

SCALE 1:500

SC-38

THIS PLAN IS ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES
CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: DP
DATE REVISED: 11/2008

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:05
02-17-09

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trmnguye
DGN FILE => 712184ma038.dgn
CU 07276
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	251	1073

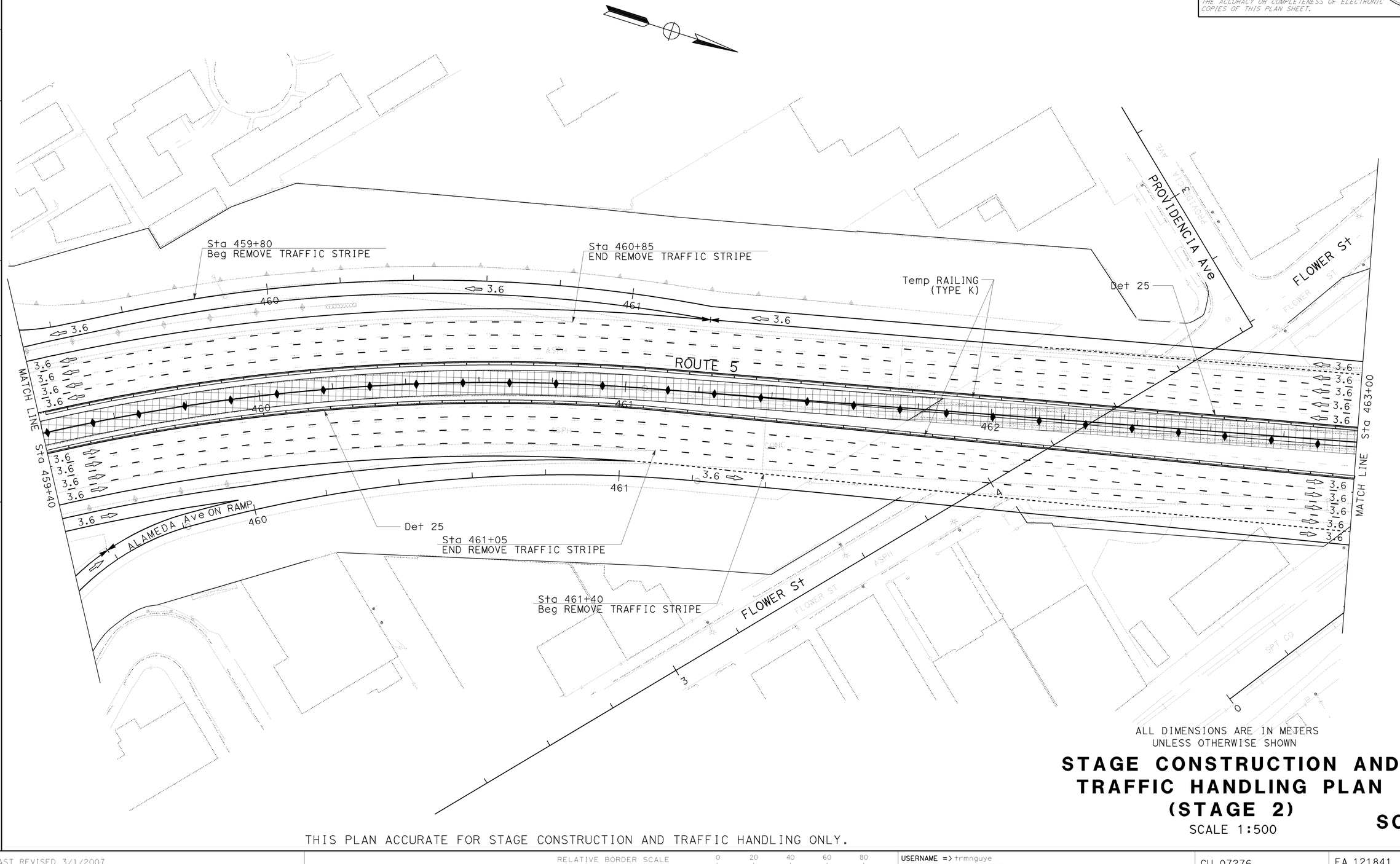
REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

Caltrans Metric



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 2)

SCALE 1:500

SC-39

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: DP
DATE REVISED: 11/2008
FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:06
02-17-09

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trmnguye
DGN FILE => 712184ma039.dgn

CU 07276

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	252	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

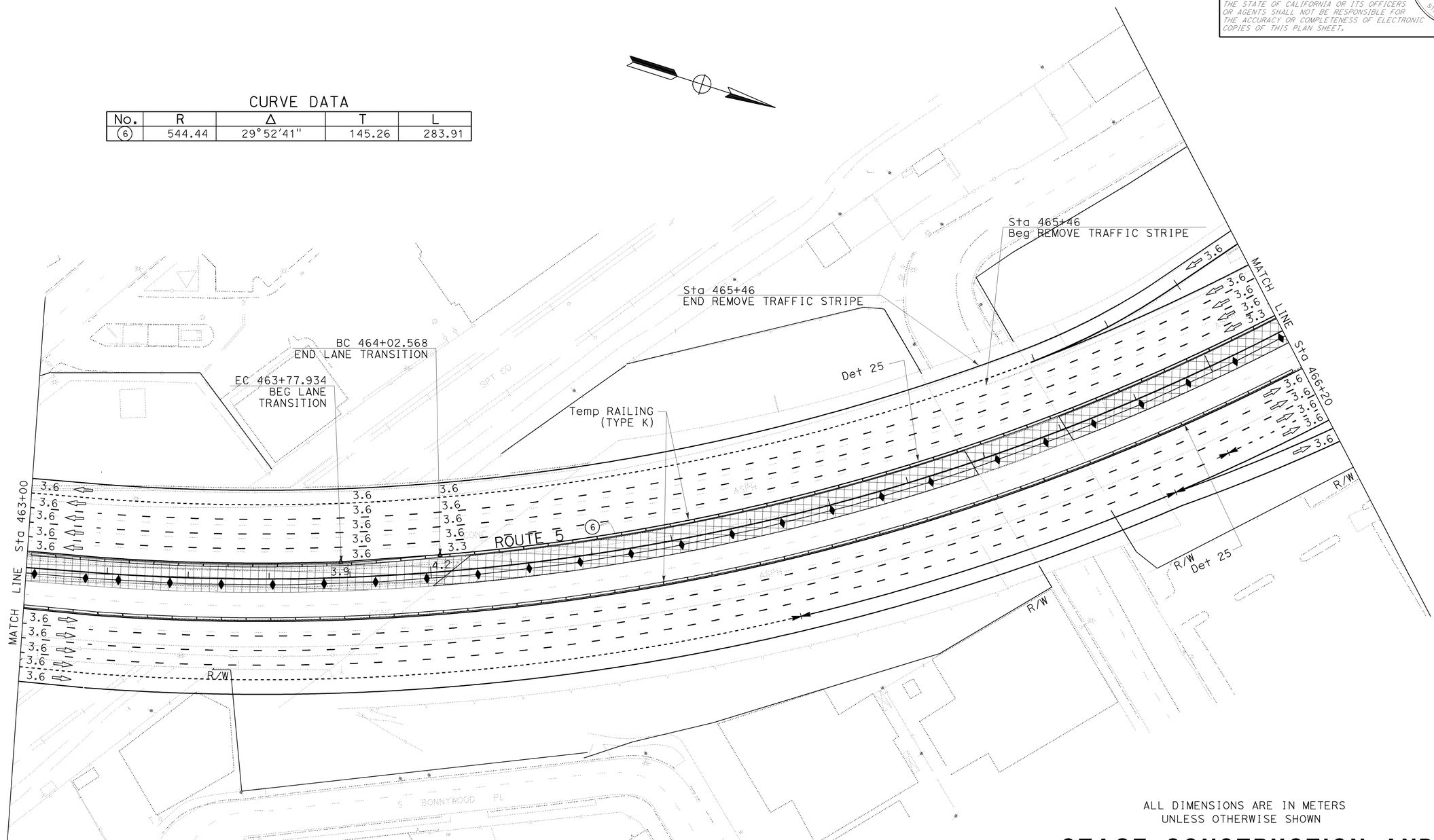
6-8-09
PLANS APPROVAL DATE

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

Caltrans Metric

CURVE DATA

No.	R	Δ	T	L
(6)	544.44	29°52'41"	145.26	283.91



ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 2)

SCALE 1:500

SC-40

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: DP
DATE REVISED: 11/2008
FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:43
02-17-09

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trmartin
DGN FILE => 712184ma040.dgn
CU 07276
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	253	1073

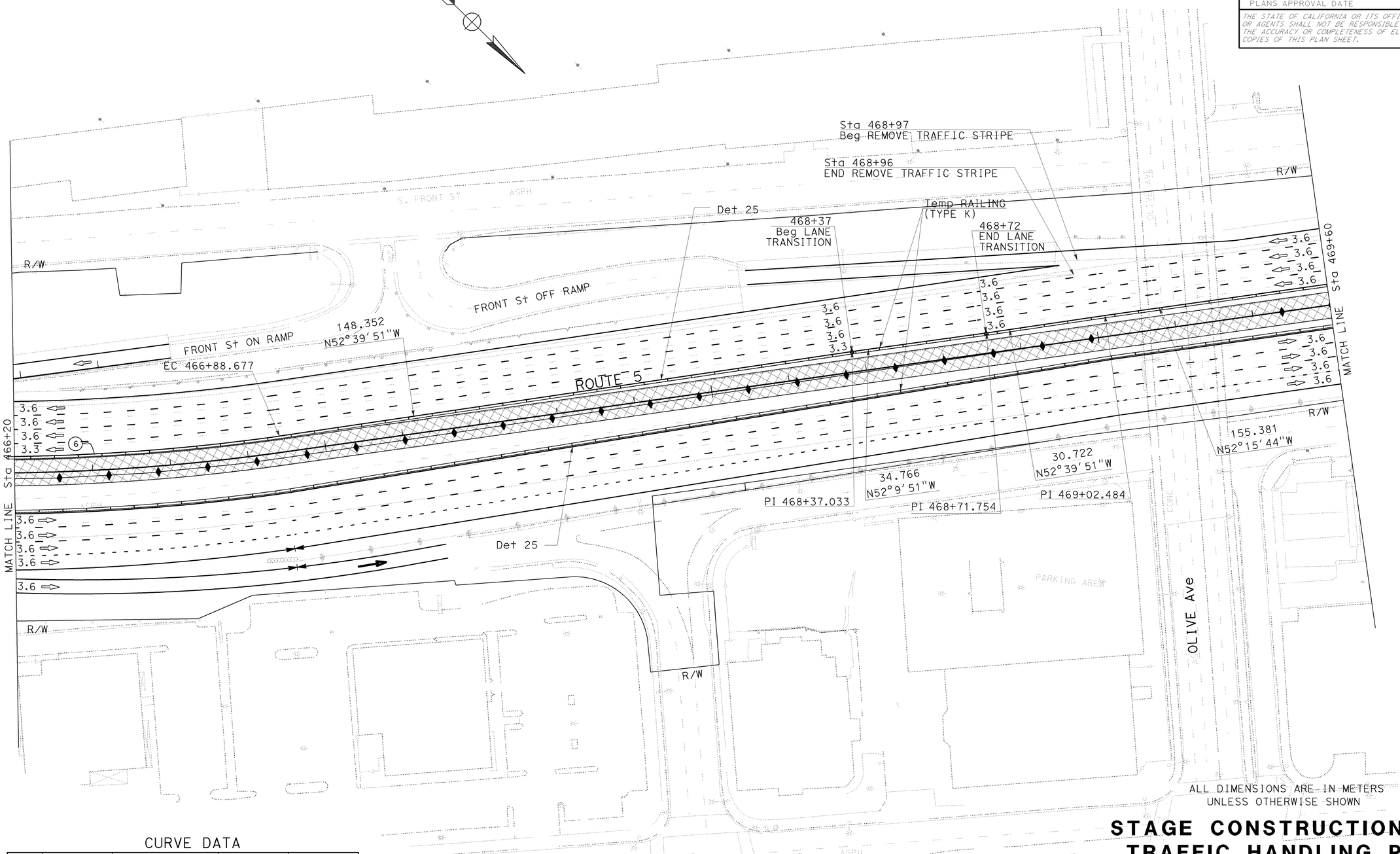
2-24-09
REGISTERED CIVIL ENGINEER DATE

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

Caltrans Metric



CURVE DATA

No.	R	Δ	T	L
(6)	544.44	29°52'41"	145.26	283.91

ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 2)

SCALE 1:500

SC-41

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: DP
DATE REVISED: 11/2008
FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:52
02-17-09

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trmartin
DGN FILE => 712184ma041.dgn
CU 07276
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	254	1073

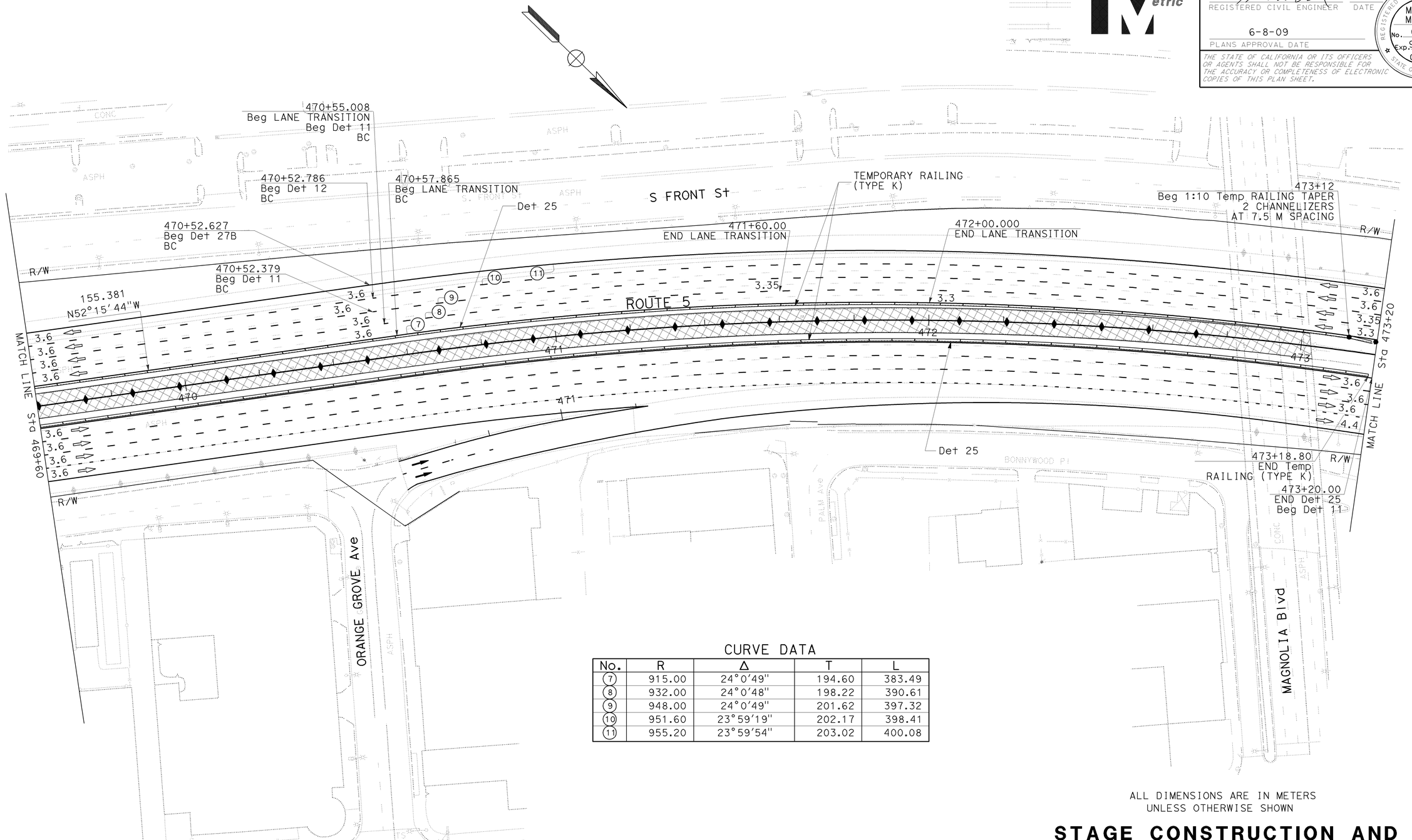
REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

Caltrans Metric



CURVE DATA

No.	R	Δ	T	L
(7)	915.00	24°0'49"	194.60	383.49
(8)	932.00	24°0'48"	198.22	390.61
(9)	948.00	24°0'49"	201.62	397.32
(10)	951.60	23°59'19"	202.17	398.41
(11)	955.20	23°59'54"	203.02	400.08

ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 2)

SCALE 1:500

SC-42

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

FUNCTIONAL SUPERVISOR: CELINA AVILES
CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: DP
DATE REVISED: 11/2008

LAST REVISION DATE PLOTTED => 12-JUN-2009
LAST REVISION TIME PLOTTED => 11:04

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trmartin
DGN FILE => 712184ma042.dgn
CU 07276
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	255	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

473+25
END 1:10 Temp RAILING TAPER
END Temp
RAILING (TYPE K)
Temp CRASH CUSHION
'ARRAY TS14'

EC 474+42.360

EC 474+45.007

EC 474+39.539

474+54
END REMOVE TRAFFIC STRIPE
END Det 11, 25, 27B
JOIN Exist STRIPING

9 CHANNELIZERS
AT 7.5 m SPACING

MATCH LINE Sta 473+20

ROUTE 5

N28°14'55"W

474+05
END Det 11

474+05
END REMOVE TRAFFIC STRIPE
JOIN Exist STRIPING

R/W

CURVE DATA

No.	R	Δ	T	L
(7)	915.00	24°0'49"	194.60	383.49
(8)	932.00	24°0'48"	198.22	390.61
(9)	948.00	24°0'49"	201.62	397.32
(10)	951.60	23°59'19"	202.17	398.41
(11)	955.20	23°59'54"	203.02	400.08

ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN (STAGE 2)

SCALE 1:500

SC-43

THIS PLAN ACCURATE FOR STAGE CONSTRUCTION AND TRAFFIC HANDLING ONLY.

CALCULATED-DESIGNED BY			
CHECKED BY	WILL CARPIO	DP	10/2008
	EUGENE BRAVO	REVISED BY	DATE REVISED
FUNCTIONAL SUPERVISOR	CELINA AVILES		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:43

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trmartin
DGN FILE => 712184ma043.dgn

CU 07276

EA 121841

ABBREVIATION:
ST = SUBTOTAL

NOTE: SEE SHEET PDQ-1
FOR ADDITIONAL QUANTITIES

Caltrans Metric

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	256	1073

2-24-09
REGISTERED CIVIL ENGINEER DATE

MUNSHI MOHSIN
No. 61916
Exp. 9/30/09
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

SHEET No.	THERMOPLASTIC TRAFFIC STRIPE				PAINT TRAFFIC STRIPE (2-COAT)											PAINT Pvmt ARROW	PAVEMENT MARKER				REMOVE							TEMPORARY RAILING (TYPE K)	TEMPORARY CRASH CUSHION MODULE	CHANNELIZER (SURFACE MOUNTED)	TYPE III BARRICADE	TEMPORARY FENCE (TYPE CL-1.8)	TEMPORARY GATE
	mm				WHITE BROKEN			100 mm SOLID			200 mm WHITE SOLID				WHITE BROKEN		NON-REFLECTIVE TYPE A	RETRO-REFLECTIVE			THERMOPLASTIC TRAFFIC STRIPE	YELLOW THERMOPLASTIC TRAFFIC STRIPE	PAINTED TRAFFIC STRIPE	YELLOW PAINTED TRAFFIC STRIPE	PAVEMENT MARKER		PAVEMENT MARKING							
	100		200	100																				RETROREFLECTIVE	NON-REFLECTIVE						
	WHITE BROKEN DETAIL 13M (10.98-3.66)	WHITE SOLID DETAIL 27B	WHITE SOLID DETAIL 38B	YELLOW SOLID DETAIL 25	DETAIL 8	DETAIL 11	DETAIL 14M	DETAIL 25 YELLOW STRIPE	DETAIL 25A YELLOW STRIPE	DETAIL 27B WHITE STRIPE	DETAIL 36	DETAIL 36A	DETAIL 36B	DETAIL 38B	DETAIL 37 (3.66-0.92)			TYPE C	TYPE G	TYPE H												
STAGE 1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m^2	EA	EA	EA	EA	m	m	m	m	EA	EA	m^2	m	EA	EA	EA	m	EA
PHASE 1A																																	
SC-1						498				166											298				39	156							
SC-2						1050				165	292			80	160			16	34		472				75	288		95					
SC-3						1880				550					640			72			556				160	608		571	14	13			
SC-4						2040				600					720			80	2		615				176	672		600					
SC-5						1668	132		10	794	600		270	120	520		36	85	60	2	996				147	560		410	22	9			
SC-6						1920				866											484				138	528		207	11	7			
SC-7						2022	138		110	800	128		180		292		36	51	14	16	796				167	600							
SC-8						2148	132		50	810	160		110		587		36	82	14	8	1049				188	720							
SC-9						1788	132			725								12			483				138	528		85					
SC-10					35	2028	132			1104	64	75					36	12	10		560				159	608		859	47	22			
SC-11						1788	132		5	645			195			12	36	21		1	486	5			138	552		706	44	7		19	2
SC-12						2040			97	1117	160								12	15	1456	54			144	576		1031	25	19		29	1
SC-13						2028	132		79	420			150		300		36	51	2	10	1269				300	600		935	11	6		300	
SC-14						840				235					280			30			340				66	240			14	6			
PHASE 1B																																	
SC-15										75						12																	
SC-16									10	300			22					2		2		41						291	14	10			
SC-17						377		377	620	526										113	547	609						1429	58	38	1		
PHASE 2A																																	
SC-18									424	44	258								19	57		385						812	14	21			
SC-19										120			120					9										195	14	8			
SC-20					43					495		25							2			31						640					
SC-21						660		330	470	284		20							2	90	590	655						1557	64	32			
SC-22					35				401	164	82	94							13	54	63	367						799	14	12			
ST SCQ-1					113	24775	930	707	2276	11005	1744	214	1047	200	3499	24	216	523	184	368	11060	2147			2035	7236		11222	366	210	1	348	3

ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN QUANTITIES

SCQ-1

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: DP
DATE REVISED: 01/09
FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 1043
03-03-09

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	257	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

PLANS APPROVAL DATE 6-8-09

REGISTERED PROFESSIONAL ENGINEER — MUNSHI MOHSIN — No. 61916 — Exp. 9/30/09 — CIVIL — STATE OF CALIFORNIA

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

Caltrans Metric

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SHEET No.	SIGN CODE	PANEL SIZE (mm)	POST SIZE			No.OF POST		QUANTITY	SIGN MESSAGE
			89x140	140x140	140x184	ONE POST	TWO POST		
SC-1	W21-5	900x900	X			X		3	SHOULDER WORK
SC-1	W21-5b	900x900	X			X		2	RIGHT SHOULDER CLOSED 1500 FT
SC-2 SC-13 SC-14	C30A(CA)	760x760	X			X		6	SHOULDER CLOSED
SC-17	W20-3	900x900	X			X		1	RAMP CLOSED
SC-17	W20-5	900X900	X			X		1	LEFT LANE CLOSED AHEAD
SC-11 SC-15	W4-2	900x900	X			X		4	LANE ENDS
SC-17 SC-23	R11-2	1200x750	X			X		2	RAMP CLOSED
SC-11 SC-12	W-20-1	900x900	X			X		2	ROAD WORK AHEAD
SC-19	W4-1	900x900	X			X		1	MERGE ARROW

NOTE: SIGN LOCATIONS SHOWN ARE APPROXIMATE, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.

	THERMOPLASTIC TRAFFIC STRIPE				PAINT TRAFFIC STRIPE (2-COAT)											PAINT PVMT MARKING	PAVEMENT MARKER		REMOVE														
	mm				WHITE BROKEN			100 mm			200 mm				WHITE BROKEN	ARROW	NON-REFLECTIVE TYPE A	RETRO-REFLECTIVE			THERMOPLASTIC TRAFFIC STRIPE	YELLOW THERMOPLASTIC TRAFFIC STRIPE	PAINTED TRAFFIC STRIPE	YELLOW PAINTED TRAFFIC STRIPE	PAVEMENT MARKER		PAVEMENT MARKING	TEMPORARY RAILING (TYPE K)	TEMPORARY CRASH CUSHION MODULE	CHANNELIZER (SURFACE MOUNTED)	TYPE III BARRICADE	TEMPORARY FENCE (TYPE CL-1.8)	TEMPORARY GATE
	100		200	100				SOLID			WHITE SOLID														RETROREFLECTIVE	NON-REFLECTIVE							
SHEET No.	WHITE BROKEN DETAIL 13M (C10.98-3.66)	WHITE SOLID DETAIL 27B	WHITE SOLID DETAIL 38B	YELLOW SOLID DETAIL 25	DETAIL 8	DETAIL 11	DETAIL 14M	DETAIL 25 YELLOW STRIPE	DETAIL 25A YELLOW STRIPE	DETAIL 27B WHITE STRIPE	DETAIL 36	DETAIL 36A	DETAIL 36B	DETAIL 38B	DETAIL 37 (3.66-0.92)			TYPE C	TYPE G	TYPE H													
STAGE 1	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m^2	EA	EA	EA	EA	m	m	m	m	EA	EA	m^2	m	EA	EA	EA	m	EA
PHASE 2B																																	
SC-23									65	657	337		86		1116			128	28	9													
SC-24																																	
SC-25									37	50		26							2	6								1					
SC-26										81		138							10									106	14	11			
PHASE 3																																	
SC-27										58																				4			
SC-28									60	150	92									9								116	14	4			
ST SCQ-2									162	996	429	164	86		1116			128	40	24								223	28	19			

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN QUANTITIES

SCQ-2

CALCULATED-DESIGNED BY: WILL CARPIO
CHECKED BY: EUGENE BRAVO
REVISED BY: DP
DATE REVISED: 01/09
FUNCTIONAL SUPERVISOR: CELINA AVILES
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION DATE PLOTTED => 12-JUN-2009
03-03-09 TIME PLOTTED => 10:43

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80 | USERNAME => trmartin DGN FILE => 712184mc002.dgn | CU 07276 | EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	258	1073

REGISTERED CIVIL ENGINEER — DATE 2-24-09

MUNSHI MOHSIN No. 61916 Exp. 9/30/09 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

PLANS APPROVAL DATE 6-8-09

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

SHEET No.	THERMOPLASTIC TRAFFIC STRIPE *				PAINT TRAFFIC STRIPE (2-COAT)											PAINT Pvmt MARKING ARROW	PAVEMENT MARKER				REMOVE							TEMPORARY RAILING (TYPE K)	TEMPORARY CRASH CUSHION MODULE	CHANNELIZER (SURFACE MOUNTED)	TYPE III BARRICADE	TEMPORARY FENCE (TYPE CL-1.8)	TEMPORARY GATE
	mm							100 mm			200 mm																				
	100		100	200	WHITE BROKEN			SOLID			WHITE SOLID				WHITE BROKEN		*	RETRO-REFLECTIVE						PAVEMENT MARKER							
STAGE 2	WHITE BROKEN DETAIL 13M (10.98-3.66)	WHITE SOLID DETAIL 27B	YELLOW SOLID DETAIL 25	WHITE SOLID DETAIL 38B	DETAIL 8	DETAIL 11	DETAIL 14M	DETAIL 25 YELLOW STRIPE	DETAIL 25A YELLOW STRIPE	DETAIL 27B WHITE STRIPE	DETAIL 36	DETAIL 36A	DETAIL 36B	DETAIL 38B	DETAIL 37 (3.66-0.92)		TYPE A (NON-REFLECTIVE)	TYPE C	TYPE G	TYPE H	THERMOPLASTIC TRAFFIC STRIPE	YELLOW THERMOPLASTIC TRAFFIC STRIPE	PAINTED TRAFFIC STRIPE	YELLOW PAINTED TRAFFIC STRIPE	RETROREFLECTIVE	NON-REFLECTIVE	PAVEMENT MARKING						
	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m	m^2	EA	EA	EA	EA	m	m	m	m	EA	EA	m^2	m	EA	EA	EA	m	EA
SC-29	210	70	70			605		190		115							57		20	21	341	190			14			117	14	12			
SC-30						794		720		70										52	970	554	291	166	51			720					
SC-31								700												50	700	350	657	350	80			700					
SC-32								640												46	180	90	1148	550	117			640					
SC-33								600												44			1170	600	108		12	600					
SC-34								600												44			1536	610	161	36		600					
SC-35								640												46			1550	1070	104			640					
SC-36								720												52			1516	765	171	36		720					
SC-37								760												54			1928	760	209	36		760					
SC-38								640												46			1120	640	45			640					
SC-39								720												52			1143	792	128	36		720					
SC-40								640												46			1334	645	103	36	12	640					
SC-41								680												48			1400	730	64			680					
SC-42						800		720												52			1530	799	146	36		719		2			
SC-43	495	165	165	110		487		134									135		56	23			546	280	53			5	14	9			
ST SCQ-3	705	235	235	110		2686		9104		185							192		76	676	2191	1184	16869	8757	1554	216	24	8901	28	23			
ST SCQ-2									162	996	429	164	86		1116			128	40	24								223	28	19			
ST SCQ-1					113	24775	930	707	2276	11005	1744	214	1047	200	3499	24	216	523	184	368	11060	2147			2035	7236		11222	366	210	1	348	3
ST SCQ(1-3)	705	235	235	110	113	27461	930	9811	2438	12186	2173	378	1133	200	4615	24	408	651	300	1068	13251	3331	16869	8757	3589	7452	24	20346	422	252	1	348	3
TOTAL	705	470		110	61438											24	408	2019			13251	3331	16869	8757	11041		24	20346	422	252	1	348	3

* FOR ADDITIONAL QUANTITIES, SEE SHEET PDQ-1.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

STAGE CONSTRUCTION AND TRAFFIC HANDLING PLAN QUANTITIES

SCQ-3

CALCULATED-DESIGNED BY

CHECKED BY

REVISED BY

DATE REVISED

CUONG T. TRAN

FUNCTIONAL SUPERVISOR

CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans OFFICE OF DESIGN D

LAST REVISION 03-03-09

DATE PLOTTED => 12-JUN-2009

TIME PLOTTED => 10:43

BORDER LAST REVISED 3/1/2007

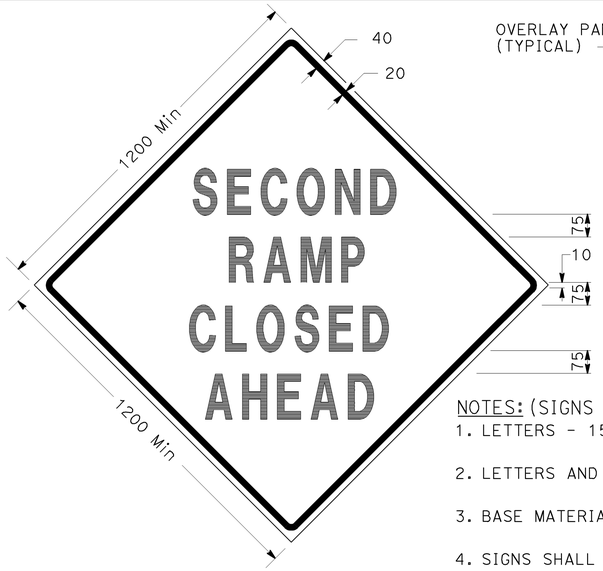
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trmartin

DGN FILE => 712184mc003.dgn

CU 07276

EA 121841



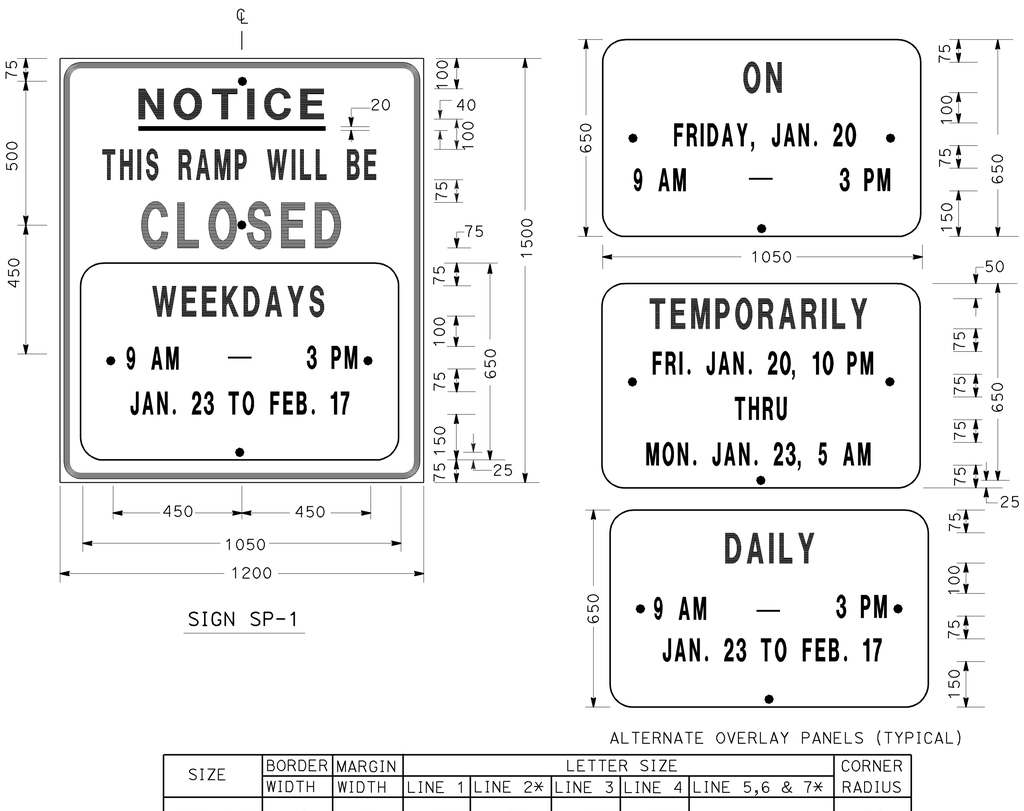
SIGN SP-3

SIGN SP-5

NOTES: (SIGNS SP-3 & SP-5)

1. LETTERS - 150 SERIES D.
2. LETTERS AND BORDERS - BLACK ON RETROREFLECTORIZED ORANGE BACKGROUND.
3. BASE MATERIAL SHALL BE ALUMINUM (MINIMUM 1.5).
4. SIGNS SHALL BE MOUNTED WITH BOTTOMS OF SIGNS A MINIMUM OF 1.8 METERS ABOVE GROUND.

SPECIAL SIGN FOR EXIT RAMP CLOSURES



SIGN SP-1

ALTERNATE OVERLAY PANELS (TYPICAL)

SIZE	BORDER WIDTH	MARGIN WIDTH	LETTER SIZE LINE 1	LINE 2*	LINE 3	LINE 4	LINE 5,6 & 7*	CORNER RADIUS
1200x1500	30	20	100E	100D	150E	100D		75
1050x650	OVERLAY						75D	40
* CONDENSED SPACING IF NECESSARY								

SPECIAL ADVANCE NOTICE PUBLICITY SIGN

SIGN SP-4

NOTES: (SIGN SP-4)

1. LETTERS - 150 SERIES C.
2. LETTERS AND BORDERS - BLACK ON RETROREFLECTORIZED WHITE BACKGROUND.
3. BASE MATERIAL SHALL BE ALUMINUM (MINIMUM 1.5).
4. SIGNS SHALL BE PLACED AT RAMP ENTRANCES IN ADDITION TO SIGNS POSTED IN ACCORDANCE WITH REVISED STANDARD PLAN T14.

SPECIAL SIGN FOR ENTRANCE RAMP CLOSURES

NOTES: (SIGN SP-1)

1. SIGNS SHALL HAVE ORANGE RETROREFLECTORIZED BACKGROUND WITH BLACK BORDER AND LETTERS.
2. BOLT HOLES SHALL BE 10 DIAMETER.
3. BASE MATERIAL SHALL BE ALUMINUM (MINIMUM 1.5).
4. SIGNS SHALL BE MOUNTED WITH BOTTOMS OF SIGNS A MINIMUM OF 1.8 METERS ABOVE GROUND.

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

TRAFFIC HANDLING DETAILS TRAFFIC CONTROL SYSTEM FOR RAMP CLOSURES, DETOUR SIGNS AND MISCELLANEOUS DETAILS

SHEET 1 OF 2

NO SCALE

THD-1

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	259	1073

Caltrans Metric

Mart Oregel 1-20-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
MARTIN OREGEL
No. 56816
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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

REVISED BY	DATE REVISED
JC	9/08

CALCULATED-DESIGNED BY: MARTIN OREGEL
CHECKED BY: ARTHUR HEDAYATI
FUNCTIONAL SUPERVISOR: JOHN YANG
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DTM

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:43
00-00-00

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trmartin
DGN FILE => 712184me001.dgn
CU 07390
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	260	1073

Caltrans Metric

Monte Oregel 1-20-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARTIN OREGEL No. 56816 Exp. 6-30-09 CIVIL — STATE OF CALIFORNIA

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

REVISED BY	DATE REVISED
JC	4/07
JC	12/07
JC	7/08

CALCULATED-DESIGNED BY: MARTIN OREGEL
CHECKED BY: ARTHUR HEDAYATI
FUNCTIONAL SUPERVISOR: JOHN YANG

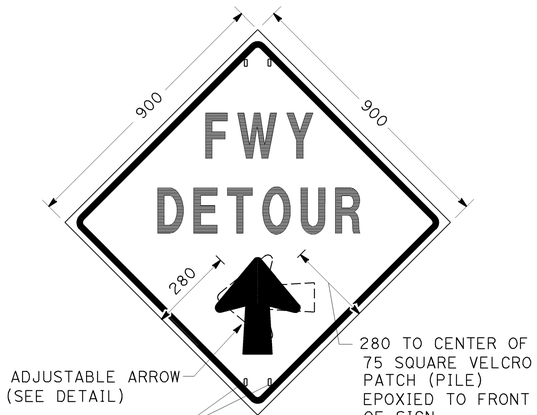
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DTM

NOTES: (SIGN SP-2)

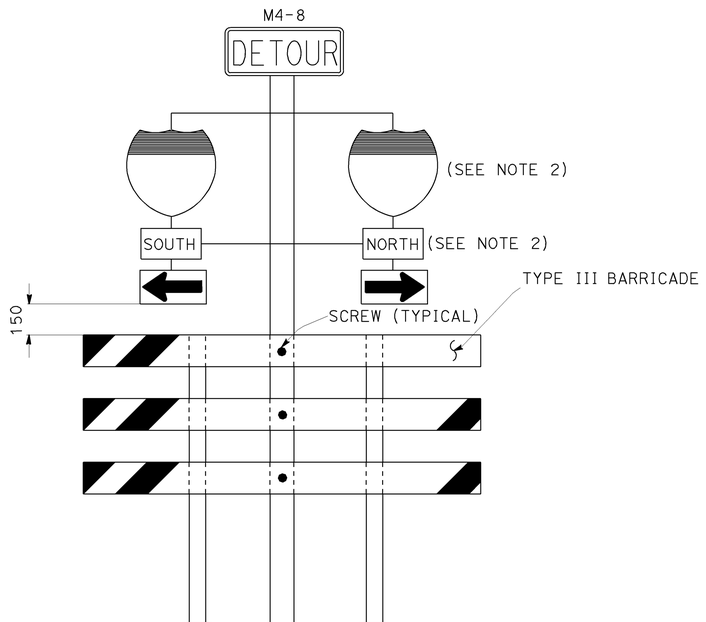
1. LETTERS -150 SERIES E.
2. LETTERS, BORDER AND ARROW - BLACK ON RETROREFLECTORIZED ORANGE BACKGROUND.
3. BASE MATERIAL FOR SIGNS AND ARROWS SHALL BE ALUMINUM (MINIMUM 1.5).
4. BELTS (LUGGAGE STRAPS) SHALL BE 25 WIDE BY 1200 LONG, MADE OF COTTON OR POLYPROPYLENE WEB MATERIAL.
5. SIGNS SHALL BE MOUNTED WITH BOTTOMS OF SIGNS A MINIMUM OF 1.8 METERS ABOVE GROUND EXCEPT AS OTHERWISE SHOWN ON OTHER TRAFFIC HANDLING DETAILS PLANS.

ABBREVIATION:

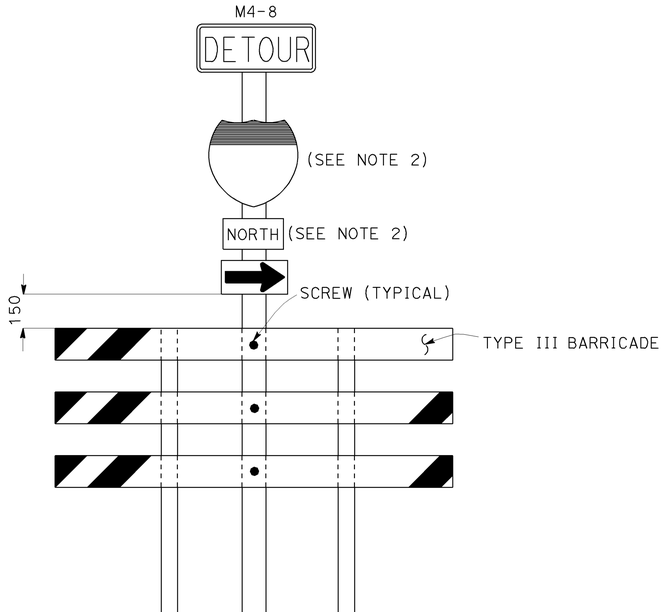
(CA) CALIFORNIA CODE



SIGN SP-2



SIGN SP-6 (SEE NOTE 1)



SIGN SP-7 (SEE NOTE 1)

SPECIAL PORTABLE FREEWAY DETOUR SIGNS

DIMENSIONS IN MILLIMETERS							
A	B	C	D	E	F	G	R
285	185	80	100	20	325	190	15

SPECIAL PORTABLE FREEWAY DETOUR SIGN

ADJUSTABLE ARROW DETAIL

NOTES: (SIGNS SP-6 & SP-7)

1. IN LIEU OF PLACING SIGNS ON TYPE III BARRICADES, SIGNS, INCLUDING POSTS, MAY BE PLACED INTO THE GROUND OR FASTENED ONTO ELECTROLIERS.
2. USE APPROPRIATE ROUTE SHIELD [G26-2(CA), G27-2(CA), G28-2(CA)] AND CARDINAL DIRECTION [NORTH (M3-1), SOUTH (M3-3), EAST (M3-2), WEST (M3-4)]

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

TRAFFIC HANDLING DETAILS TRAFFIC CONTROL SYSTEM FOR RAMP CLOSURES, DETOUR SIGNS AND MISCELLANEOUS DETAILS

SHEET 2 OF 2

NO SCALE

THD-2

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 0043

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trmartin
DGN FILE => 712184me002.dgn

CU 07390

EA 121841

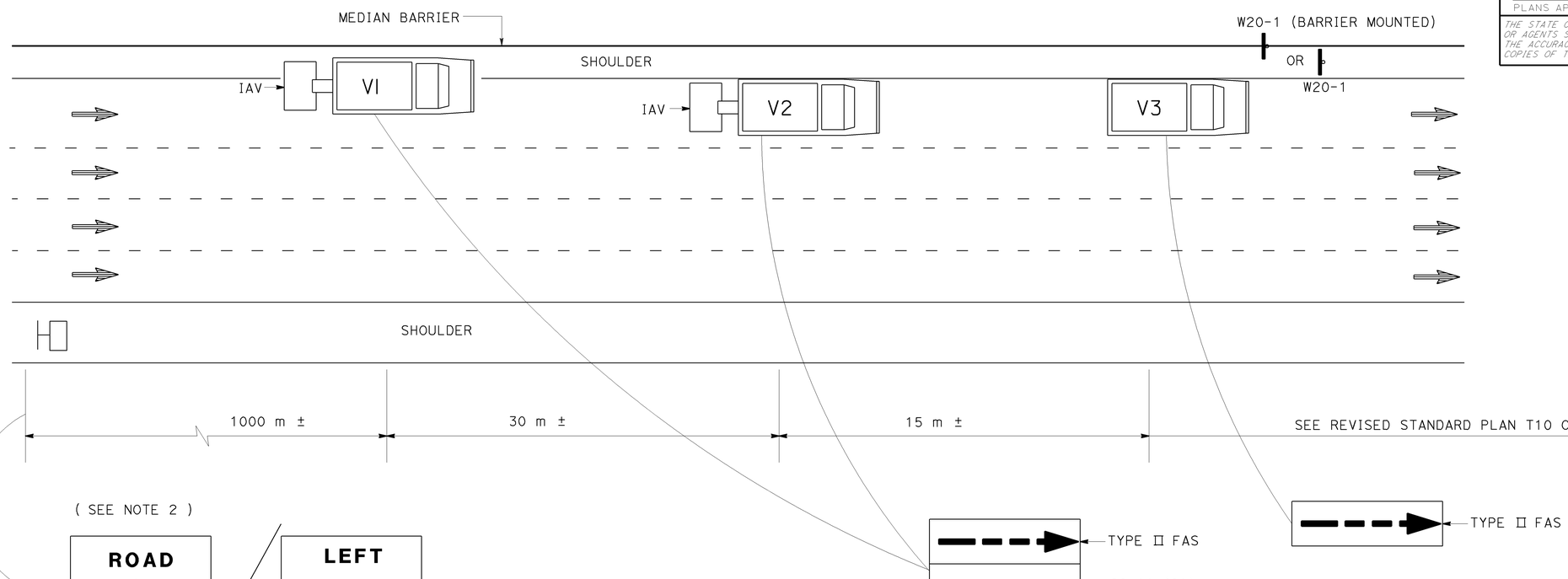
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	261	1073

Mark Oregel 1-20-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
MARTIN OREGEL
No. 56816
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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



NOTES:

1. LANE CLOSURES SHALL NOT BE PLACED ON CREST VERTICAL CURVES OR ON HORIZONTAL CURVES.
2. PCMS SHALL BE ACTIVATED PRIOR TO TRAFFIC CONTROL ACTIVITIES ON THE LANE.
3. A MINIMUM SIGHT DISTANCE OF 450 METERS SHALL BE PROVIDED IN ADVANCE OF PCMS.
4. VEHICLE-MOUNTED SIGN PANELS SHALL BE TYPE III OR IV RETROREFLECTORIZED SHEETING, BLACK ON WHITE OR BLACK ON ORANGE WITH 200 MILLIMETERS MINIMUM SERIES D LETTERS PER CALTRANS SIGN SPECIFICATIONS.

LEGEND:

V1, V2	SHADOW VEHICLE
V3	WORK/APPLICATION VEHICLE
	PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)
	DIRECTION OF TRAVEL
	CONSTRUCTION AREA SIGN

ABBREVIATIONS:

FAS	FLASHING ARROW SIGN
IAV	IMPACT ATTENUATOR VEHICLE
CMS	CHANGEABLE MESSAGE SIGN
PCMS	PORTABLE CHANGEABLE MESSAGE SIGN
(CA)	CALIFORNIA CODE
m	METER

TRAFFIC HANDLING DETAILS
TRAFFIC CONTROL SYSTEM
FOR MEDIAN SHOULDERS LESS THAN 2.4 m

NO SCALE **THD-3**

CALCULATED-DESIGNED BY: MARTIN OREGEL
CHECKED BY: ARTHUR HEDAYATI
REVISED BY: JC
DATE REVISED: 7/08
FUNCTIONAL SUPERVISOR: JOHN YANG
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DTM

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 10:43

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trmartin
DGN FILE => 712184me003.dgn
CU 07390
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	262	1073

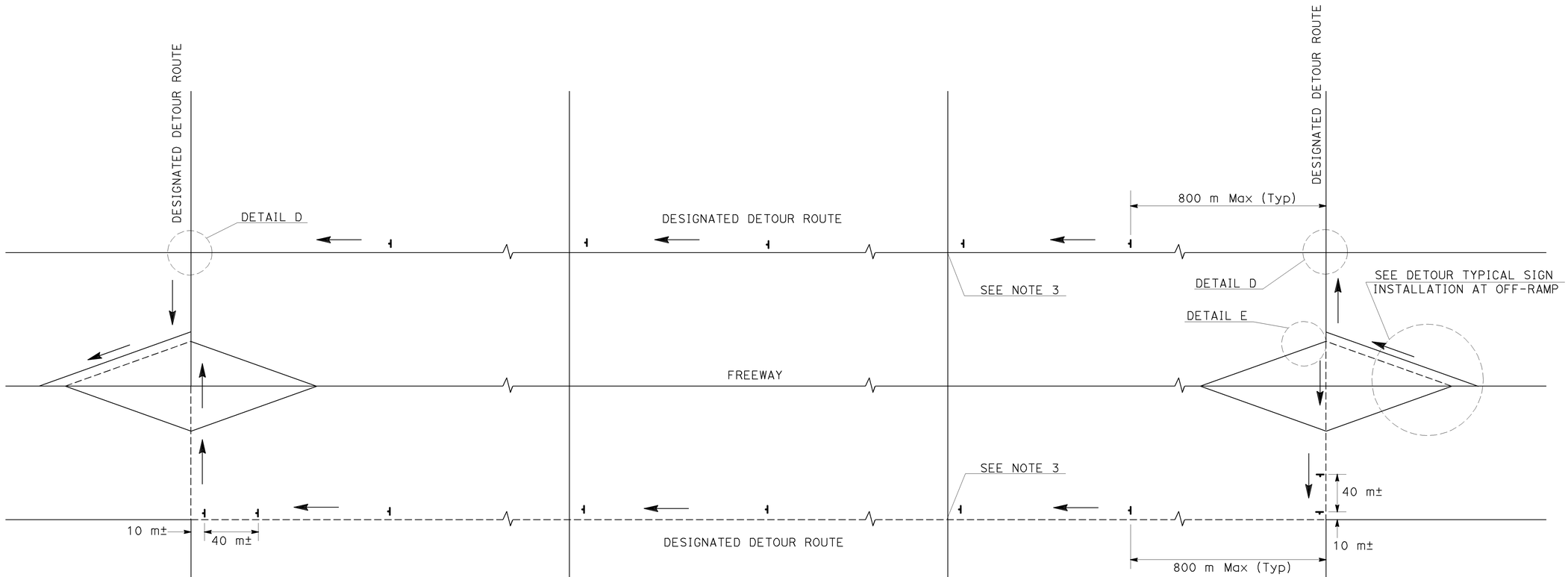
Caltrans Metric

Matt Oregel 1-20-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
MARTIN OREGEL
No. 56816
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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



TYPICAL DETOUR SIGN INSTALLATION ALONG DESIGNATED DETOUR ROUTE

LEGEND

- SIGN SP-2
- AND/OR — DESIGNATED DETOUR ROUTE
- DIRECTION OF TRAVEL

ABBREVIATION

- m METER

NOTES:

1. SP-2 SIGNS SHALL NOT BE INSTALLED ON BARRICADES EXCEPT AS OTHERWISE SHOWN.
2. SIGN LOCATIONS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
3. SP-2 SIGNS SHALL BE POSTED AT SIGNALIZED INTERSECTIONS ALONG THE DESIGNATED DETOUR ROUTE OR 800 METERS MAXIMUM APART.

TRAFFIC HANDLING DETAILS
TRAFFIC CONTROL SYSTEM
FOR DETOUR SIGN INSTALLATION ALONG DESIGNATED DETOUR ROUTE
SHEET 1 OF 2

NO SCALE **THD-4**

CALCULATED-DESIGNED BY	MARTIN OREGEL	REVISED BY	JC	JC
CHECKED BY	ARTHUR HEDAYATI	DATE REVISED	7/08	4/07

FUNCTIONAL SUPERVISOR: JOHN YANG

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DTM

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 09:36

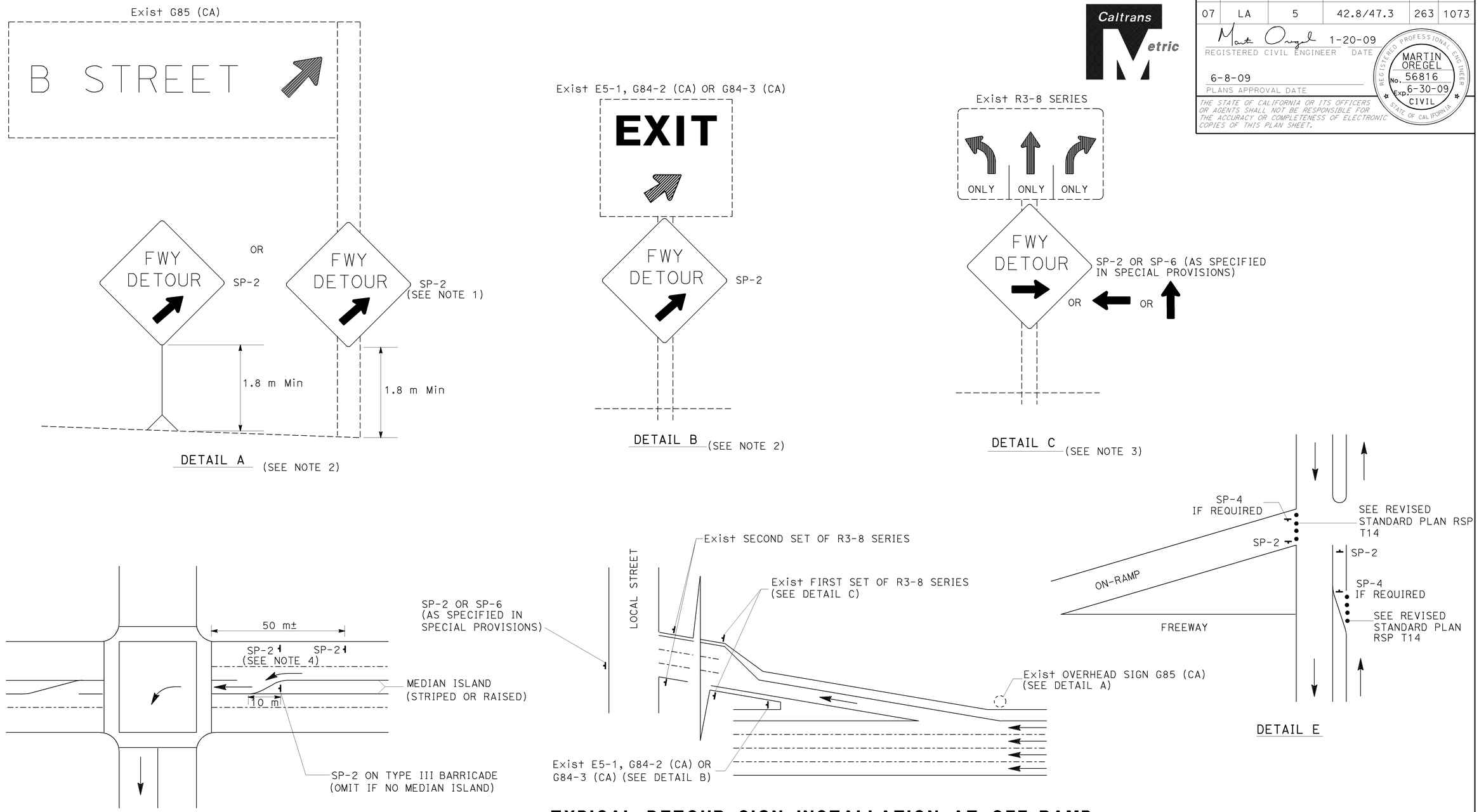
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	263	1073

REGISTERED CIVIL ENGINEER 1-20-09 DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER MARTIN OREGEL No. 56816 Exp. 6-30-09 CIVIL STATE OF CALIFORNIA

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



TYPICAL DETOUR SIGN INSTALLATION AT OFF-RAMP

NOTES:

1. SP-2 MAY BE STRAPPED ON EXISTING ELECTROLIER SIGNAL POSTS OR SIGN POSTS.
2. OMIT DETAIL A AND DETAIL B FOR FULL FREEWAY CLOSURES.
3. SEE TRAFFIC HANDLING DETAILS PLAN-TRAFFIC CONTROL SYSTEM FOR RAMP CLOSURES, DETOUR SIGNS AND MISCELLANEOUS DETAILS SHEET 2 OF 2 FOR SP-6.
4. OMIT IF MEDIAN ISLAND EXIST.

ABBREVIATIONS

(CA)	CALIFORNIA CODE
m	METER

LEGEND

- CONE
- PORTABLE SIGN
- DIRECTION OF TRAVEL
- EXISTING OVERHEAD SIGN

TRAFFIC HANDLING DETAILS TRAFFIC CONTROL SYSTEM FOR DETOUR SIGN INSTALLATION ALONG DESIGNATED DETOUR ROUTE

SHEET 2 OF 2

NO SCALE

THD-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans DTM

FUNCTIONAL SUPERVISOR: JOHN YANG

CALCULATED-DESIGNED BY: MARTIN OREGEL

CHECKED BY: ARTHUR HEDAYATI

REVISED BY: JC | DATE REVISED: 4/07 | JC | 1/08 | JC | 7/08

LAST REVISION 00-00-00 | DATE PLOTTED => 12-JUN-2009 | TIME PLOTTED => 09:36

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	264	1073

Caltrans Metric

Mark Oregel 1-20-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARTIN OREGEL No. 56816 Exp. 6-30-09 CIVIL — STATE OF CALIFORNIA

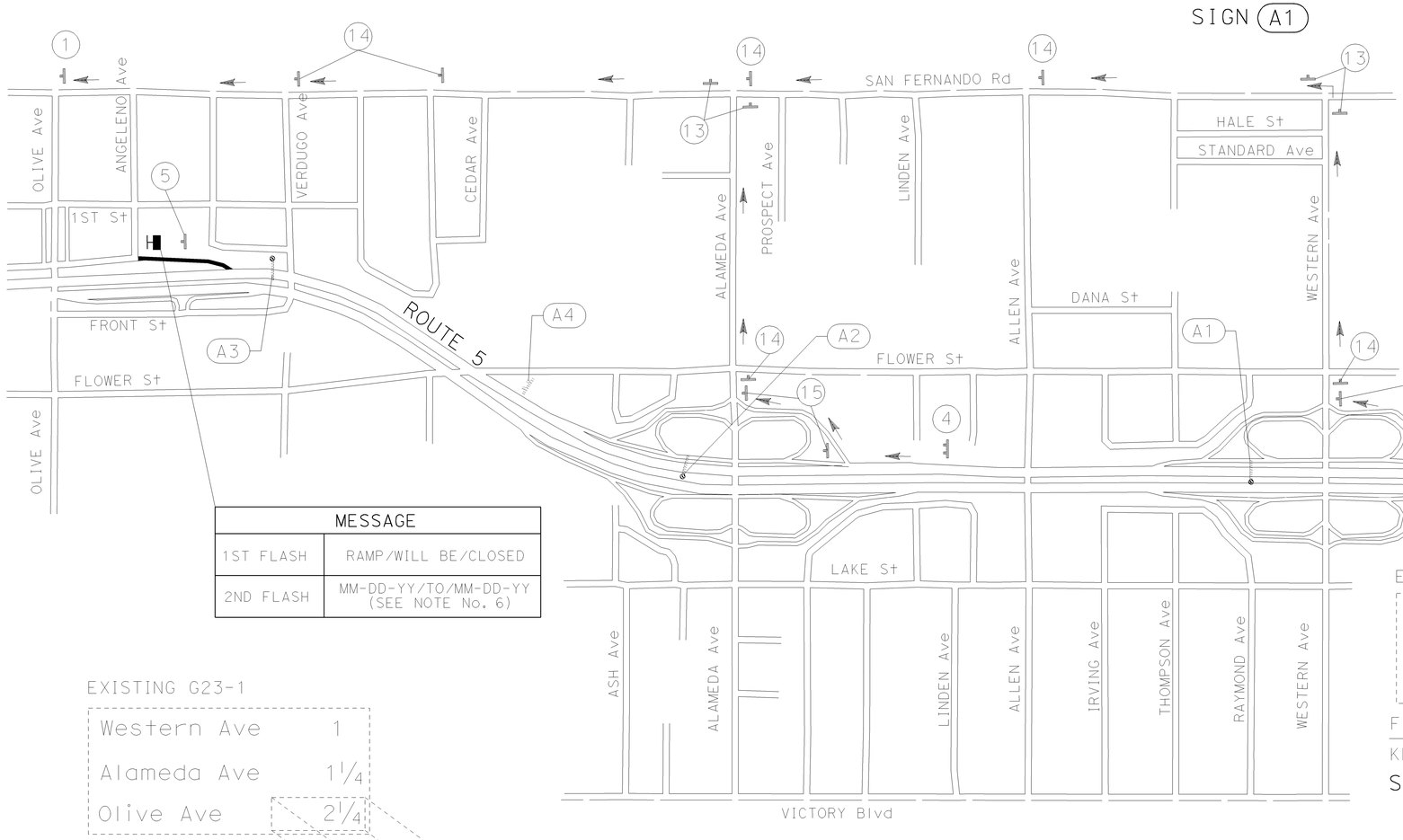
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.

NOTES:

1. SEE REVISED STANDARD PLAN T-14 FOR RAMP CLOSURE DETAILS AND ADDITIONAL SIGNS.
2. LOCATIONS OF DETOUR SIGNS SHOWN ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
3. SEE SHEETS DE-7 AND DE-8 FOR SIGN DETAILS.
4. CONFLICTING SIGNS SHALL BE REMOVED OR COVERED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER.
5. IN LIEU OF WOOD POSTS, SIGNS MAY BE ATTACHED TO THE EXISTING UTILITY POSTS BY STRAP AND SADDLE BRACKET METHOD.
6. A PORTABLE CHANGEABLE MESSAGE SIGN SHALL BE PLACED AT A LOCATION INSIDE THE RAMP, AS DETERMINED BY THE ENGINEER, 7 DAYS IN ADVANCE OF THE CLOSURE TO INDICATE THE START AND THE END DATES OF THE CLOSURE.
7. THE CONSTRUCTION AREA SIGNS ALSO INCLUDE THE DETOUR ROUTE SIGNS SHOWN ON DE-7 AND DE-8 OF THE DETOUR PLANS.

LEGEND:

- CLOSED RAMP
- DIRECTION OF DETOUR TRAFFIC
- ONE POST SIGN
- TWO POST SIGN
- (X) DETOUR ROUTE SIGN
- (X) EXISTING SIGN PANEL
- EXISTING OVERHEAD SIGN
- H PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)



MESSAGE	
1ST FLASH	RAMP/WILL BE/CLOSED
2ND FLASH	MM-DD-YY/TO/MM-DD-YY (SEE NOTE No. 6)

EXISTING G23-1

Western Ave	1
Alameda Ave	1 1/4
Olive Ave	2 1/4

CLOSED — INSTALL OVERLAY

FNBT ON ROUTE 5
KP 42.7
SIGN (A5)

EXISTING G23-1

	INSTALL OVERLAY
Alameda Ave	1/2 CLOSED
Olive Ave	1 1/4
Burbank Blvd	1 3/4

FNBT ON ROUTE 5
KP 44.4
SIGN (A1)

EXISTING G23-1

	INSTALL OVERLAY
Olive Ave	1/2 CLOSED
Burbank Blvd	1
Scott Rd	1 3/4

FNBT ON ROUTE 5
KP 45.2
SIGN (A2)

EXISTING G85

Olive Ave
Burbank

CLOSED — INSTALL OVERLAY

FNBT ON ROUTE 5
KP 46.0
SIGN (A3)

EXISTING G83

Olive Ave
Burbank
1/4 MILE

INSTALL OVERLAY — CLOSED

FNBT ON ROUTE 5
KP 45.6
SIGN (A4)

DETOUR PLAN
CLOSURE OF OLIVE Ave OFF-RAMP FROM NB ROUTE 5

NO SCALE

DE-1

THIS PLAN ACCURATE FOR DETOUR LAYOUT ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DTM
FUNCTIONAL SUPERVISOR: JOHN YANG
CALCULATED-DESIGNED BY: MARTIN OREGEL
CHECKED BY: ARTHUR HEDAYATI
REVISED BY | DATE REVISED

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 09:56

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trannda
DGN FILE => 712184mg001.dgn
CU 07390
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	265	1073

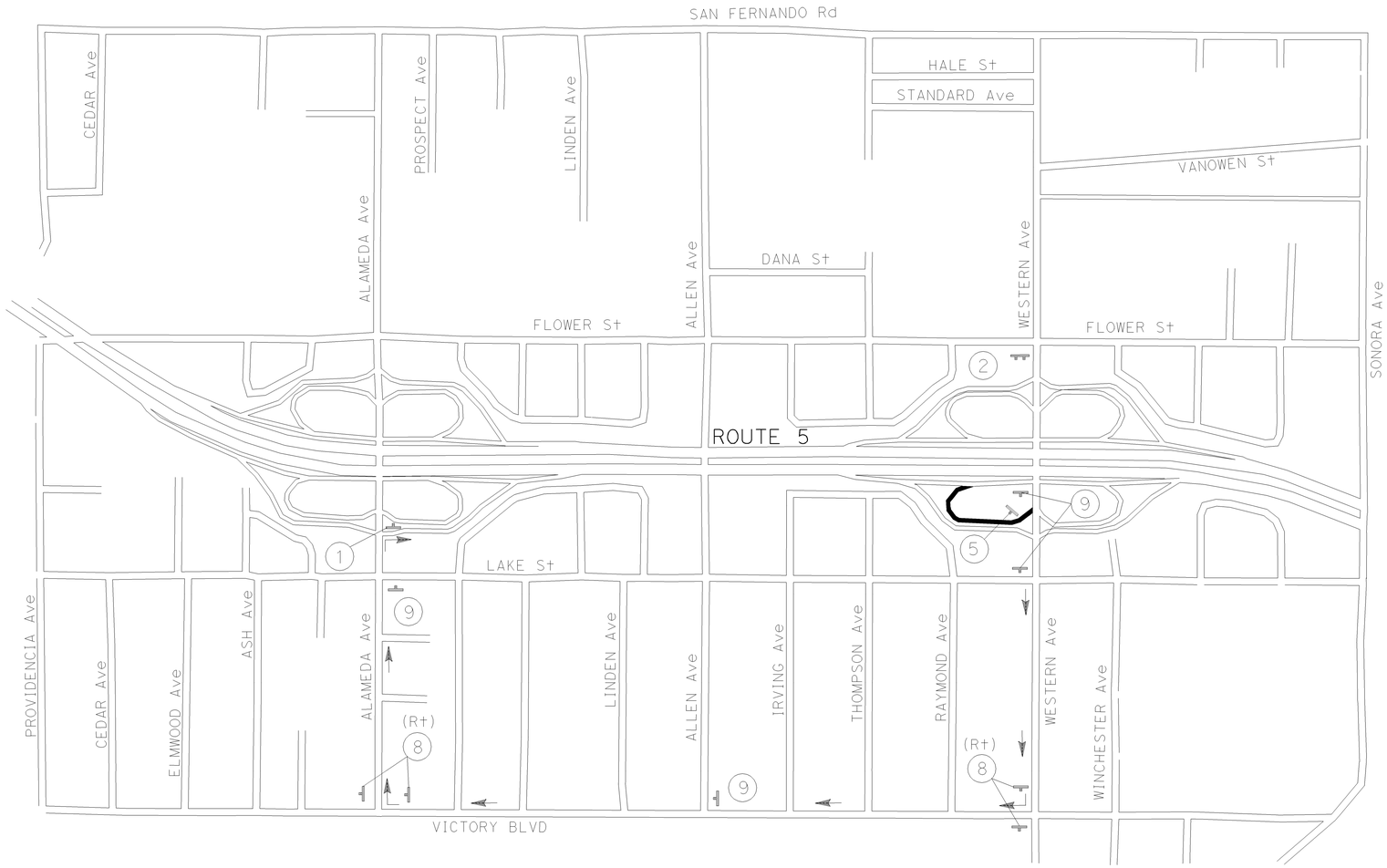
Caltrans Metric

Mark Oregel 1-20-09
REGISTERED CIVIL ENGINEER DATE

MARTIN OREGEL No. 56816 Exp. 6-30-09 CIVIL
REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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



DETOUR PLAN

CLOSURE OF WB WESTERN Ave ON-RAMP TO SB ROUTE 5

NO SCALE

DE-2

THIS PLAN ACCURATE FOR DETOUR LAYOUT ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DTM

FUNCTIONAL SUPERVISOR: JOHN YANG
CALCULATED-DESIGNED BY:
CHECKED BY: ARTHUR HEDAYATI
DRAWN BY: MARTIN OREGEL
REVISED BY
DATE REVISED

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 09:37

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trannda
DGN FILE => 712184mg002.dgn
CU 07390
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	266	1073

Caltrans Metric

Marta Oregel 1-20-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARTIN OREGEL No. 56816 Exp. 6-30-09 CIVIL — STATE OF CALIFORNIA

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

EXISTING G23-1

Western Ave 1/2
(134) Freeway EAST 1 1/2 — CLOSED
Colorado St 2 1/2 — INSTALL OVERLAY

FSBT ON ROUTE 5
KP 45.3

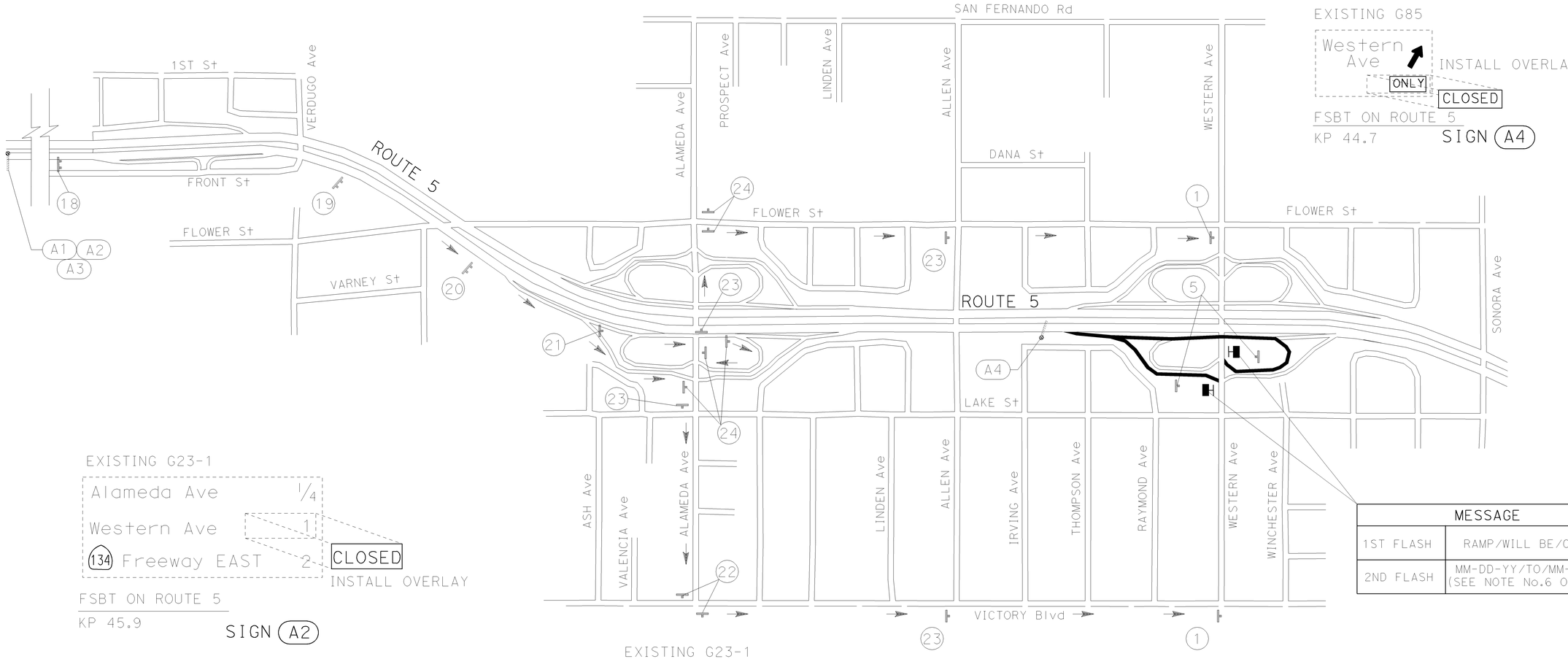
SIGN (A1)

EXISTING G85

Western Ave — INSTALL OVERLAY
ONLY — CLOSED

FSBT ON ROUTE 5
KP 44.7

SIGN (A4)



EXISTING G23-1

Alameda Ave 1/4
Western Ave 1
(134) Freeway EAST 2 — CLOSED
INSTALL OVERLAY

FSBT ON ROUTE 5
KP 45.9

SIGN (A2)

MESSAGE	
1ST FLASH	RAMP/WILL BE/CLOSED
2ND FLASH	MM-DD-YY/TO/MM-DD-YY (SEE NOTE No.6 OF DE-1)

EXISTING G23-1

Verdugo Ave 3/4
Alameda Ave 1 1/4
Western Ave 2 — CLOSED
INSTALL OVERLAY

FSBT ON ROUTE 5
KP 47.5

SIGN (A3)

THIS PLAN ACCURATE FOR DETOUR LAYOUT ONLY.

DETOUR PLAN
CLOSURE OF WESTERN Ave OFF-RAMP FROM SB ROUTE 5

NO SCALE

DE-3

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
MARTIN OREGEL	ARTHUR HEDAYATI		

FUNCTIONAL SUPERVISOR: JOHN YANG

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DTM

LAST REVISION 00-00-00 DATE PLOTTED => 12-JUN-2009 TIME PLOTTED => 09:37

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80 | USERNAME => trannda DGN FILE => 712184mg003.dgn | CU 07390 | EA 121841

NOTES:

1. PLACE SIGN No. 16 ON THE RIGHT SHOULDER OF NB ROUTE 5 UPSTREAM OF ROUTE 134 EXITS.
2. PLACE SIGN No. 17 ON THE RIGHT SHOULDER OF WB ROUTE 134 UPSTREAM OF SAN FERNANDO Rd OFF-RAMP.

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	267	1073

Caltrans Metric

Martin Oregel 1-20-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARTIN OREGEL — No. 56816 — Exp. 6-30-09 — CIVIL — STATE OF CALIFORNIA

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

EXISTING G85

Alameda Ave — ONLY — INSTALL OVERLAY — CLOSED

FNBT ON ROUTE 5
KP 44.5
SIGN (A4)

MESSAGE	
1ST FLASH	RAMP/WILL BE/CLOSED
2ND FLASH	MM-DD-YY/TO/MM-DD-YY (SEE NOTE No.6 OF DE-1)

EXISTING G23-1

Western Ave 1
Alameda Ave 1 1/2
Olive Ave 2 1/4 — CLOSED — INSTALL OVERLAY

FNBT ON ROUTE 5
KP 42.6
SIGN (A1)

EXISTING G23-1

Ventura Fwy (134) 1/2
Western Ave 1 3/4
Alameda Ave 2 1/4 — CLOSED — INSTALL OVERLAY

FNBT ON ROUTE 5
KP 41.0
SIGN (A2)

EXISTING G23-1

Alameda Ave 1/2
Olive Ave 1 1/4 — CLOSED — INSTALL OVERLAY
Burbank Blvd 1 3/4

FNBT ON ROUTE 5
KP 44.2
SIGN (A3)

THIS PLAN ACCURATE FOR DETOUR LAYOUT ONLY.

DETOUR PLAN
CLOSURE OF ALAMEDA Ave OFF-RAMP FROM NB ROUTE 5

NO SCALE

DE-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DTM
FUNCTIONAL SUPERVISOR: JOHN YANG
CALCULATED-DESIGNED BY: MARTIN OREGEL
CHECKED BY: ARTHUR HEDAYATI
REVISED BY
DATE REVISED

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 09:37

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trannda
DGN FILE => 712184mg004.dgn
CU 07390
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	268	1073

Caltrans Metric

Marta Oregel 1-20-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
MARTIN OREGEL
No. 56816
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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

EXISTING G23-1

Burbank Blvd	3/4	
Verdugo Ave	1 1/2	INSTALL OVERLAY
Alameda Ave	2	CLOSED

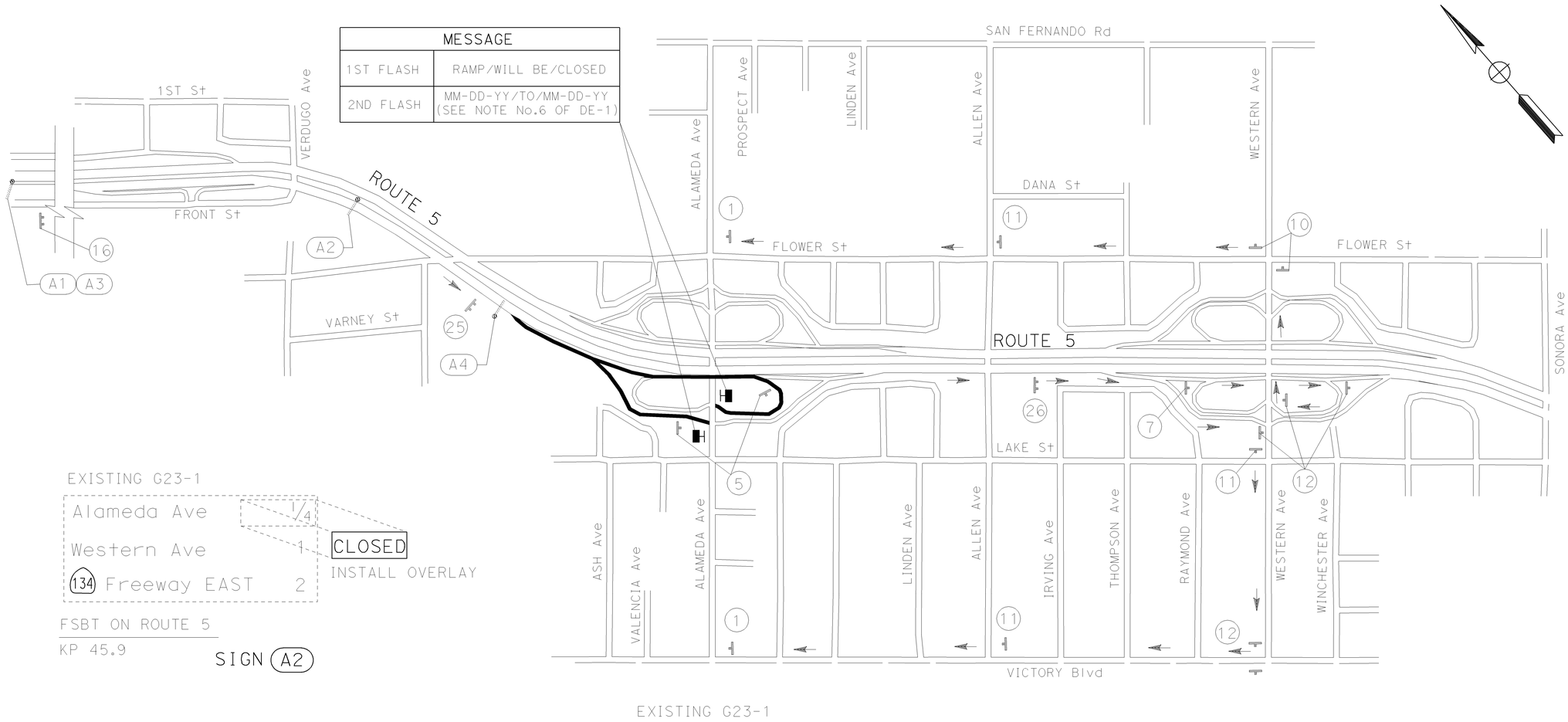
FSBT ON ROUTE 5
KP 48.7
SIGN (A1)

EXISTING G85

Alameda Ave	CLOSED

FNBT ON ROUTE 5 INSTALL OVERLAY
KP 45.6
SIGN (A4)

MESSAGE	
1ST FLASH	RAMP/WILL BE/CLOSED
2ND FLASH	MM-DD-YY/TO/MM-DD-YY (SEE NOTE No.6 OF DE-1)



EXISTING G23-1

Alameda Ave	1/4	
Western Ave	1	CLOSED
(134) Freeway EAST	2	INSTALL OVERLAY

FSBT ON ROUTE 5
KP 45.9
SIGN (A2)

EXISTING G23-1

Verdugo Ave	3/4	
Alameda Ave	1 1/4	
Western Ave	2	CLOSED

INSTALL OVERLAY

FSBT ON ROUTE 5
KP 47.5
SIGN (A3)

DETOUR PLAN
CLOSURE OF ALAMEDA Ave OFF-RAMP FROM SB ROUTE 5

NO SCALE

DE-5

THIS PLAN ACCURATE FOR DETOUR LAYOUT ONLY.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DTM

		REVISED BY	DATE REVISED
CALCULATED-DESIGNED BY	MARTIN OREGEL		
CHECKED BY	ARTHUR HEDAYATI		
FUNCTIONAL SUPERVISOR	JOHN YANG		

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 09:37

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trannda
DGN FILE => 712184mg005.dgn
CU 07390
EA 121841

NOTES:

1. PLACE SIGN No. 18 ON THE RIGHT SHOULDER OF NB ROUTE 5 UPSTREAM OF ROUTE 134 EXITS.
2. PLACE SIGN No. 27 ON THE RIGHT SHOULDER OF WB ROUTE 134 UPSTREAM OF SAN FERNANDO Rd OFF-RAMP.

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	269	1073

Caltrans Metric

Marta Oregel 1-20-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARTIN OREGEL No. 56816 Exp. 6-30-09 CIVIL — STATE OF CALIFORNIA

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

EXISTING G23-1

Ventura Fwy (134) 1/2
Western Ave 1 3/4
Alameda Ave 2 1/4 CLOSED
INSTALL OVERLAY

FNBT ON ROUTE 5
KP 41.1
SIGN (A1)

EXISTING G23-1

Western Ave 1
Alameda Ave 1 1/2 CLOSED
Verdugo Ave 2 1/4 INSTALL OVERLAY

FNBT ON ROUTE 5
KP 42.6
SIGN (A2)

EXISTING G85

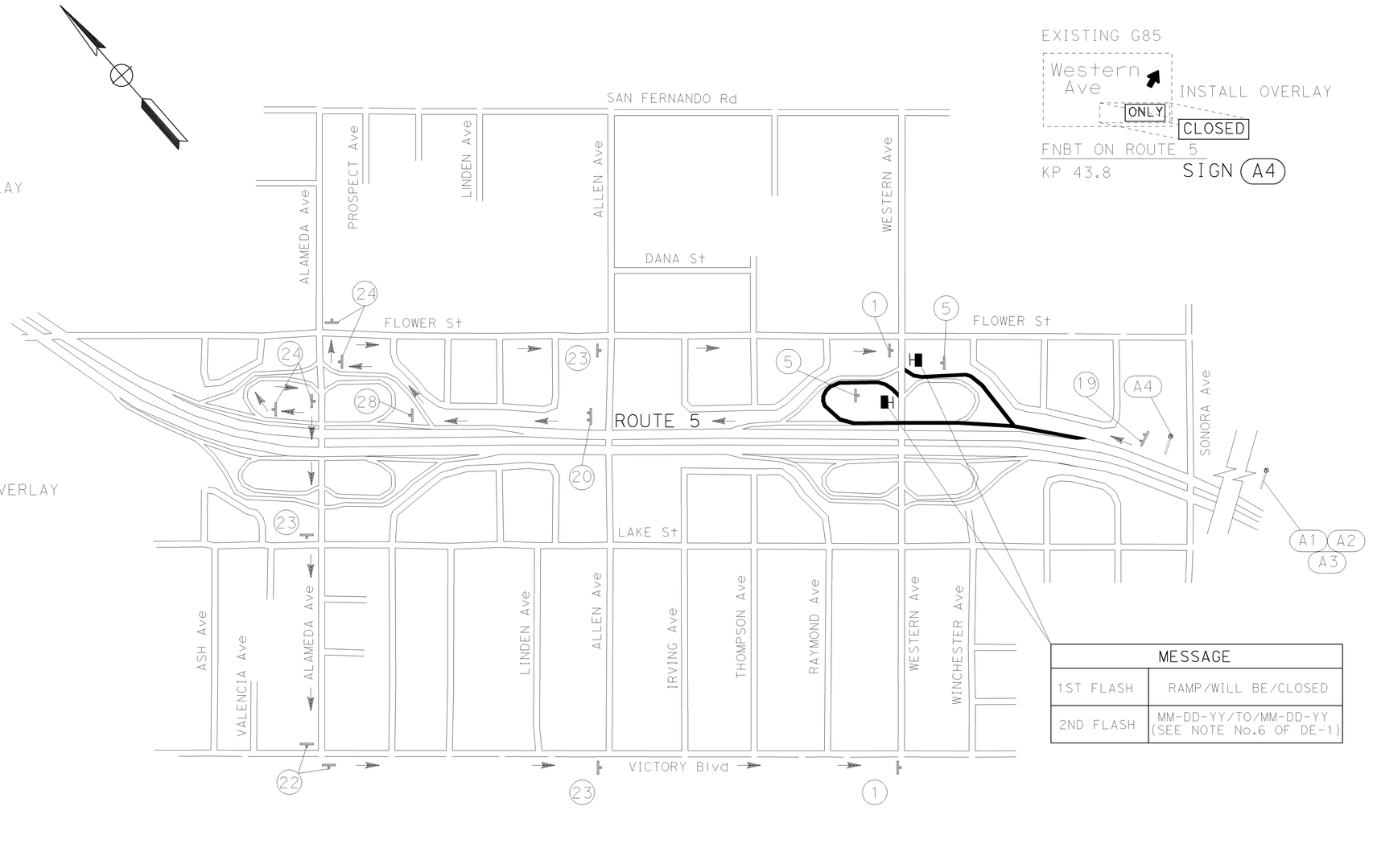
Western Ave INSTALL OVERLAY
EXIT ONLY CLOSED

FNBT ON ROUTE 5
KP 43.4
SIGN (A3)

EXISTING G85

Western Ave INSTALL OVERLAY
ONLY CLOSED

FNBT ON ROUTE 5
KP 43.8
SIGN (A4)



MESSAGE	
1ST FLASH	RAMP/WILL BE/CLOSED
2ND FLASH	MM-DD-YY/TO/MM-DD-YY (SEE NOTE No.6 OF DE-1)

THIS PLAN ACCURATE FOR DETOUR LAYOUT ONLY.

DETOUR PLAN
CLOSURE OF WESTERN Ave OFF-RAMP FROM NB ROUTE 5

NO SCALE

DE-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DTM
FUNCTIONAL SUPERVISOR: JOHN YANG
CALCULATED-DESIGNED BY: MARTIN OREGEL
CHECKED BY: ARTHUR HEDAYATI
REVISED BY
DATE REVISED

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 09:37
00-00-00

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trannda
DGN FILE => 712184mg006.dgn
CU 07390
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	270	1073

Caltrans Metric

Monta Oregel 1-20-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARTIN OREGEL No. 56816 Exp. 6-30-09 CIVIL — STATE OF CALIFORNIA

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

END DETOUR

SIGN (1)

LETTERS: 150 CAP SERIES D

5 SOUTH
RAMP CLOSED
DETOUR AHEAD

SIGN (2)

LETTERS: 200 CAP SERIES D

OLIVE AVE
EXIT CLOSED
USE NEXT 2 EXITS

SIGN (3)

LETTERS: 200 CAP SERIES D

OLIVE AVE
DETOUR

SIGN (4)

NOTICE
THIS RAMP WIIL BE
CLOSED
TEMPORARILY
MM-DD-YY
THRU
MM-DD-YY

SEE SIGN SP-1 OF THD-1 PLAN

SIGN (5)

WEST
ALAMEDA AVE
EAST

SIGN (6)

EAST
ALAMEDA AVE
WEST

SIGN (7)

DETOUR
SOUTH
5

SIGN (8)

DETOUR
SOUTH
5

SIGN (9)

D3: 150 CAP SERIES D

ALAMEDA AVE
DETOUR

SIGN (10)

D3: 150 CAP SERIES D

ALAMEDA AVE
DETOUR

SIGN (11)

D3: 150 CAP SERIES D

ALAMEDA AVE
DETOUR

SIGN (12)

D3: 150 CAP SERIES D

OLIVE AVE
DETOUR

SIGN (13)

D3: 150 CAP SERIES D

OLIVE AVE
DETOUR

SIGN (14)

D3: 150 CAP SERIES D

OLIVE AVE
DETOUR

SIGN (15)

LETTERS: 200 CAP SERIES D

ALAMEDA AVE
EXIT CLOSED

SIGN (16)

LETTERS: 200 CAP SERIES D

ALAMEDA AVE
EXIT CLOSED
AT NORTH 5

SIGN (17)

LETTERS: 200 CAP SERIES D

WESTERN AVE
EXIT CLOSED

SIGN (18)

LETTERS: 200 CAP SERIES D

WESTERN AVE
EXIT CLOSED
USE NEXT EXIT

SIGN (19)

LETTERS: 200 CAP SERIES D

WESTERN AVE
DETOUR

SIGN (20)

EAST
WESTERN AVE
WEST

SIGN (21)

D3: 150 CAP SERIES D

WESTERN AVE
DETOUR

SIGN (22)

D3: 150 CAP SERIES D

WESTERN AVE
DETOUR

SIGN (23)

D3: 150 CAP SERIES D

WESTERN AVE
DETOUR

SIGN (24)

LETTERS: 200 CAP SERIES D

ALAMEDA AVE
EXIT CLOSED
USE NEXT EXIT

SIGN (25)

LETTERS: 200 CAP SERIES D

ALAMEDA AVE
DETOUR

SIGN (26)

LETTERS: 200 CAP SERIES D

WESTERN AVE
EXIT CLOSED
AT NORTH 5

SIGN (27)

WEST
WESTERN AVE
EAST

SIGN (28)

NOTES:

THE CONSTRUCTION AREA SIGNS ALSO INCLUDE THE DETOUR ROUTE SIGNS SHOWN ON DE-7 AND DE-8 OF THE DETOUR PLANS.

DETOUR PLAN
(DETOUR ROUTE SIGNS)

NO SCALE

DE-7

REVISED BY | DATE REVISED

MARTIN OREGEL | ARTHUR HEDAYATI

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR: JOHN YANG

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DTM

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 09:37

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trannda
DGN FILE => 712184mg007.dgn

CU 07390

EA 121841

NOTES:

THE CONSTRUCTION AREA SIGNS ALSO INCLUDE THE DETOUR ROUTE SIGNS SHOWN ON DE-7 AND DE-8 OF THE DETOUR PLANS.

SIGN No.	SIGN CODE	PANEL SIZE (mm)	SIGN MESSAGE	No. OF POST AND SIZE	No. OF SIGNS (EA)	REMARKS
1	M4-8a	600X450	END DETOUR	1-89mm x 89mm	10	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
2	SPECIAL	1800X1200	SEE DE-7	2-140mm x 140mm	1	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
3	SPECIAL	2600X1400	SEE DE-7	2-140mm x 140mm	1	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
4	SPECIAL	2300X1100	SEE DE-7	2-140mm x 140mm	2	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
5	SP-1	1400X1200	SEE THD-1	1-89mm x 140mm	10	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
6	M6-1	525x375	↑	1-89mm x 140mm	1	BLACK ON RETROREFLECTIVE WHITE BACKGROUND
	M3-3	600x300	WEST			BLACK ON RETROREFLECTIVE WHITE BACKGROUND
	D3	1220X460	ALAMEDA AVE			BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
	M3-3	600x300	EAST			BLACK ON RETROREFLECTIVE WHITE BACKGROUND
	M6-1	525x375	→			BLACK ON RETROREFLECTIVE WHITE BACKGROUND
7	M6-1	525x375	↑	1-89mm x 140mm	1	BLACK ON RETROREFLECTIVE WHITE BACKGROUND
	M3-3	600x300	EAST			BLACK ON RETROREFLECTIVE WHITE BACKGROUND
	D3	1220X460	ALAMEDA AVE			BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
	M3-3	600x300	WEST			BLACK ON RETROREFLECTIVE WHITE BACKGROUND
	M6-1	525x375	→			BLACK ON RETROREFLECTIVE WHITE BACKGROUND
8	M4-8	750x375	DETOUR	1-89mm x 89mm	4	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
	M3-3	600x300	SOUTH			BLACK ON RETROREFLECTIVE WHITE BACKGROUND
	M1-1	600x600	5			RED, WHITE AND BLUE
	M6-1	525x375	→			BLACK ON RETROREFLECTIVE WHITE BACKGROUND
9	M4-8	750x375	DETOUR	1-89mm x 89mm	4	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
	M3-3	600x300	SOUTH			BLACK ON RETROREFLECTIVE WHITE BACKGROUND
	M1-1	600x600	5			RED, WHITE AND BLUE
	M6-3	525x375	↑			BLACK ON RETROREFLECTIVE WHITE BACKGROUND
10	D3	1220X460	ALAMEDA AVE	1-89mm x 140mm	4	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
	SC3 (CA)	920X300	← DETOUR			
11	D3	1220X460	ALAMEDA AVE	1-89mm x 140mm	6	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
	SC3 (CA)	920X300	↑ DETOUR			
12	D3	1220X460	ALAMEDA AVE	1-89mm x 140mm	10	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
	SC3 (CA)	920X300	DETOUR →			
13	D3	1220X460	OLIVE AVE	1-89mm x 140mm	4	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
	SC3 (CA)	920X300	← DETOUR			
14	D3	1220X460	OLIVE AVE	1-89mm x 140mm	6	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
	SC3 (CA)	920X300	↑ DETOUR			
15	D3	1220X460	OLIVE AVE	1-89mm x 140mm	4	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
	SC3 (CA)	920X300	DETOUR →			

SIGN No.	SIGN CODE	PANEL SIZE (mm)	SIGN MESSAGE	No. OF POST AND SIZE	No. OF SIGNS (EA)	REMARKS
16	SPECIAL	2300x1100	SEE DE-7	2-140mm x 140mm	2	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
17	SPECIAL	2300x1400	SEE DE-7	2-140mm x 140mm	1	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
18	SPECIAL	2300x1100	SEE DE-7	2-140mm x 140mm	2	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
19	SPECIAL	2400x1400	SEE DE-7	2-140mm x 140mm	2	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
20	SPECIAL	2300x1100	SEE DE-7	2-140mm x 140mm	2	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
21	M6-1	525x375	↑	1-89mm x 140mm	1	BLACK ON RETROREFLECTIVE WHITE BACKGROUND
	M3-3	600x300	EAST			BLACK ON RETROREFLECTIVE WHITE BACKGROUND
	D3	1220X460	WESTERN AVE			BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
	M3-3	600x300	WEST			BLACK ON RETROREFLECTIVE WHITE BACKGROUND
	M6-1	525x375	→			BLACK ON RETROREFLECTIVE WHITE BACKGROUND
22	D3	1220X460	WESTERN AVE	1-89mm x 140mm	4	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
	SC3 (CA)	920X300	← DETOUR			
23	D3	1220X460	WESTERN AVE	1-89mm x 140mm	7	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
	SC3 (CA)	920X300	↑ DETOUR			
24	D3	1220X460	WESTERN AVE	1-89mm x 140mm	9	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
	SC3 (CA)	920X300	DETOUR →			
25	SPECIAL	2400X1400	SEE DE-7	2-140mm x 140mm	2	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
26	SPECIAL	2300X1100	SEE DE-7	2-140mm x 140mm	2	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
27	SPECIAL	2300x1400	SEE DE-7	2-140mm x 140mm	1	BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
28	M6-1	525x375	↑	1-89mm x 140mm	1	BLACK ON RETROREFLECTIVE WHITE BACKGROUND
	M3-3	600x300	WEST			BLACK ON RETROREFLECTIVE WHITE BACKGROUND
	D3	1220X460	WESTERN AVE			BLACK ON RETROREFLECTIVE ORANGE BACKGROUND
	M3-3	600x300	EAST			BLACK ON RETROREFLECTIVE WHITE BACKGROUND
	M6-1	525x375	→			BLACK ON RETROREFLECTIVE WHITE BACKGROUND

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	271	1073

Caltrans Metric

Mark Oregel 1-20-09
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — MARTIN OREGEL No. 56816 Exp. 6-30-09 CIVIL — STATE OF CALIFORNIA

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

REVISED BY | DATE REVISED

CALCULATED-DESIGNED BY: MARTIN OREGEL
CHECKED BY: ARTHUR HEDAYATI

FUNCTIONAL SUPERVISOR: JOHN YANG

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans DTM

DETOUR PLAN
(SUMMARY OF QUANTITIES)

NO SCALE

DE-8

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 09:37

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trannda
DGN FILE => 712184mg008.dgn

CU 07390

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	272	1073

REGISTERED CIVIL ENGINEER — DATE 2-25-09

PLANS APPROVAL DATE 6-8-09

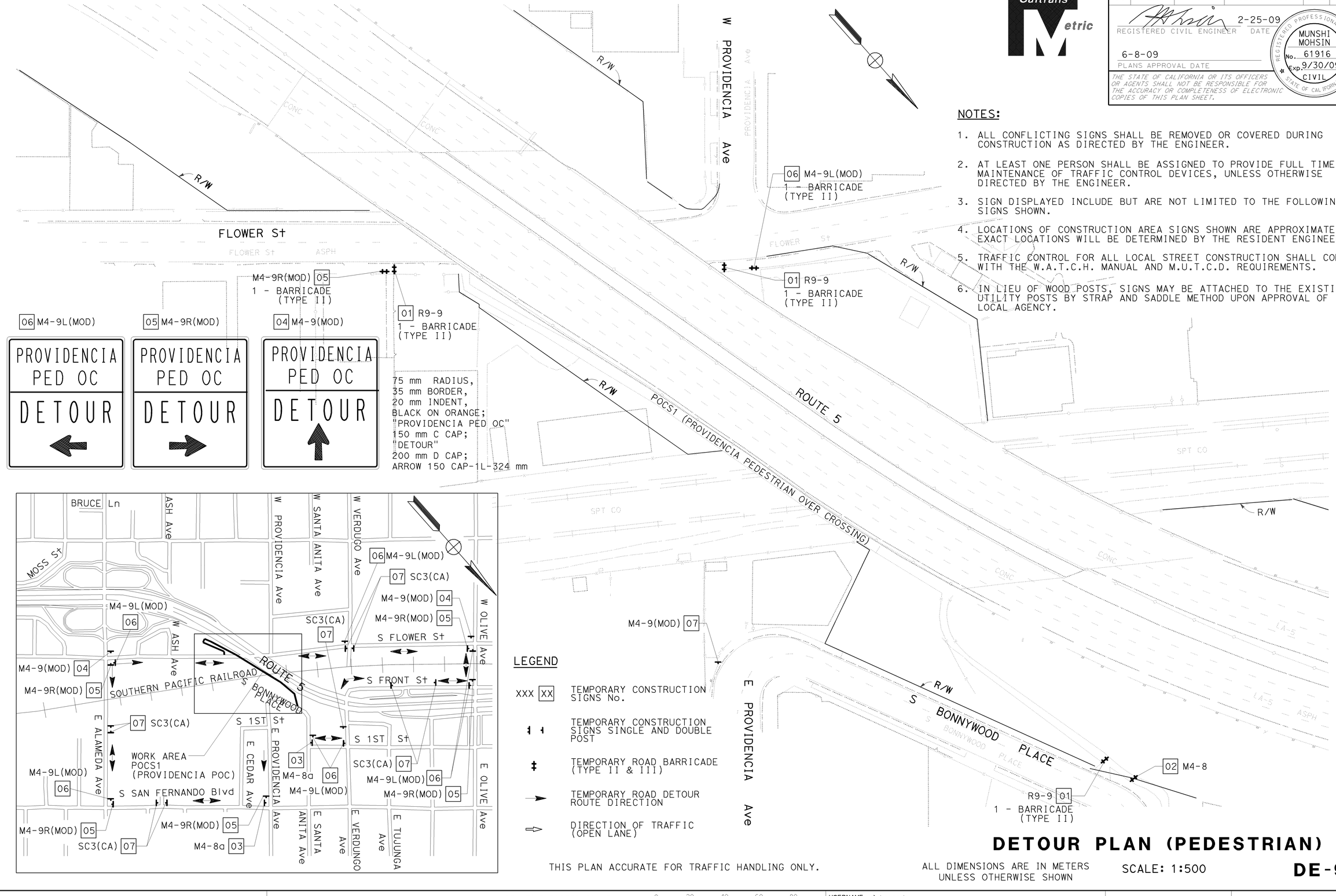
REGISTERED PROFESSIONAL ENGINEER — MUNSHI MOHSIN — No. 61916 — Exp. 9/30/09 — CIVIL — STATE OF CALIFORNIA

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

Caltrans Metric

NOTES:

1. ALL CONFLICTING SIGNS SHALL BE REMOVED OR COVERED DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER.
2. AT LEAST ONE PERSON SHALL BE ASSIGNED TO PROVIDE FULL TIME MAINTENANCE OF TRAFFIC CONTROL DEVICES, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.
3. SIGN DISPLAYED INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING SIGNS SHOWN.
4. LOCATIONS OF CONSTRUCTION AREA SIGNS SHOWN ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE RESIDENT ENGINEER.
5. TRAFFIC CONTROL FOR ALL LOCAL STREET CONSTRUCTION SHALL COMPLY WITH THE W.A.T.C.H. MANUAL AND M.U.T.C.D. REQUIREMENTS.
6. IN LIEU OF WOOD POSTS, SIGNS MAY BE ATTACHED TO THE EXISTING UTILITY POSTS BY STRAP AND SADDLE METHOD UPON APPROVAL OF LOCAL AGENCY.



LEGEND

XXX [XX]	TEMPORARY CONSTRUCTION SIGNS No.
‡ ‡	TEMPORARY CONSTRUCTION SIGNS SINGLE AND DOUBLE POST
‡	TEMPORARY ROAD BARRICADE (TYPE II & III)
→	TEMPORARY ROAD DETOUR ROUTE DIRECTION
⇩	DIRECTION OF TRAFFIC (OPEN LANE)

THIS PLAN ACCURATE FOR TRAFFIC HANDLING ONLY.

DETOUR PLAN (PEDESTRIAN)

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

SCALE: 1:500

DE-9

CALCULATED-DESIGNED BY: SYED ALI SHAH
CHECKED BY: MUNSHI MOHSIN
REVISED BY
DATE REVISED
FUNCTIONAL SUPERVISOR: CELINA AVILES
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 09:37
LAST REVISED MON 00-00-00

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trannda
DGN FILE => 712184mg009.dgn
CU 07276
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	273	1073

REGISTERED CIVIL ENGINEER — DATE 2-25-09

MUNSHI MOHSIN No. 61916 Exp. 9/30/09 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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

NOTES:

1. SIGN LOCATIONS SHOWN ARE APPROXIMATE, EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
2. (S) DENOTES STRAP & SADDLE; (B) BARRIER (TYPE II) MOUNTED.

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN NO	SIGN CODE	PANEL SIZE (mm)	QUANTITY	BARRIER TYPE (II)	SIGN MESSAGE	REMARK
1	R9-9	750 x 450	3	3	SIDEWALK CLOSED	B
2	M4-8	600 x 300	1	1	DETOUR	B
3	M4-8a	600 x 450	2		END DETOUR	S
4	M4-9(MOD)	1220 x1375	2		PROVIDENCIA PED OC	S
5	M4-9R(MOD)	1220 x1375	6		PROVIDENCIA PED OC	S
6	M4-9L(MOD)	1220 x1375	8		PROVIDENCIA PED OC	S
6	SC3(CA)	900 x 300	11		DETOUR	S
						S
		TOTAL	33	4		

ALL DIMENSIONS ARE IN METERS
UNLESS OTHERWISE SHOWN

DETOUR PLAN
(SUMMARY OF QUANTITIES - PEDESTRIAN)

DE-10

CALCULATED-DESIGNED BY: SYED ALI SHAH
CHECKED BY: MUNSHI MOHSIN
REVISED BY / DATE REVISED:
FUNCTIONAL SUPERVISOR: CELINA AVILES

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans OFFICE OF DESIGN D

LAST REVISION 00-00-00 | DATE PLOTTED => 12-JUN-2009 | TIME PLOTTED => 09:37

BORDER LAST REVISED 3/1/2007 | RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80 | USERNAME => trannda | DGN FILE => 712184mg010.dgn | CU 07276 | EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	274	1073

Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — VINCENT NGUYEN No. 57797 Exp. 3/31/10 CIVIL — STATE OF CALIFORNIA

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

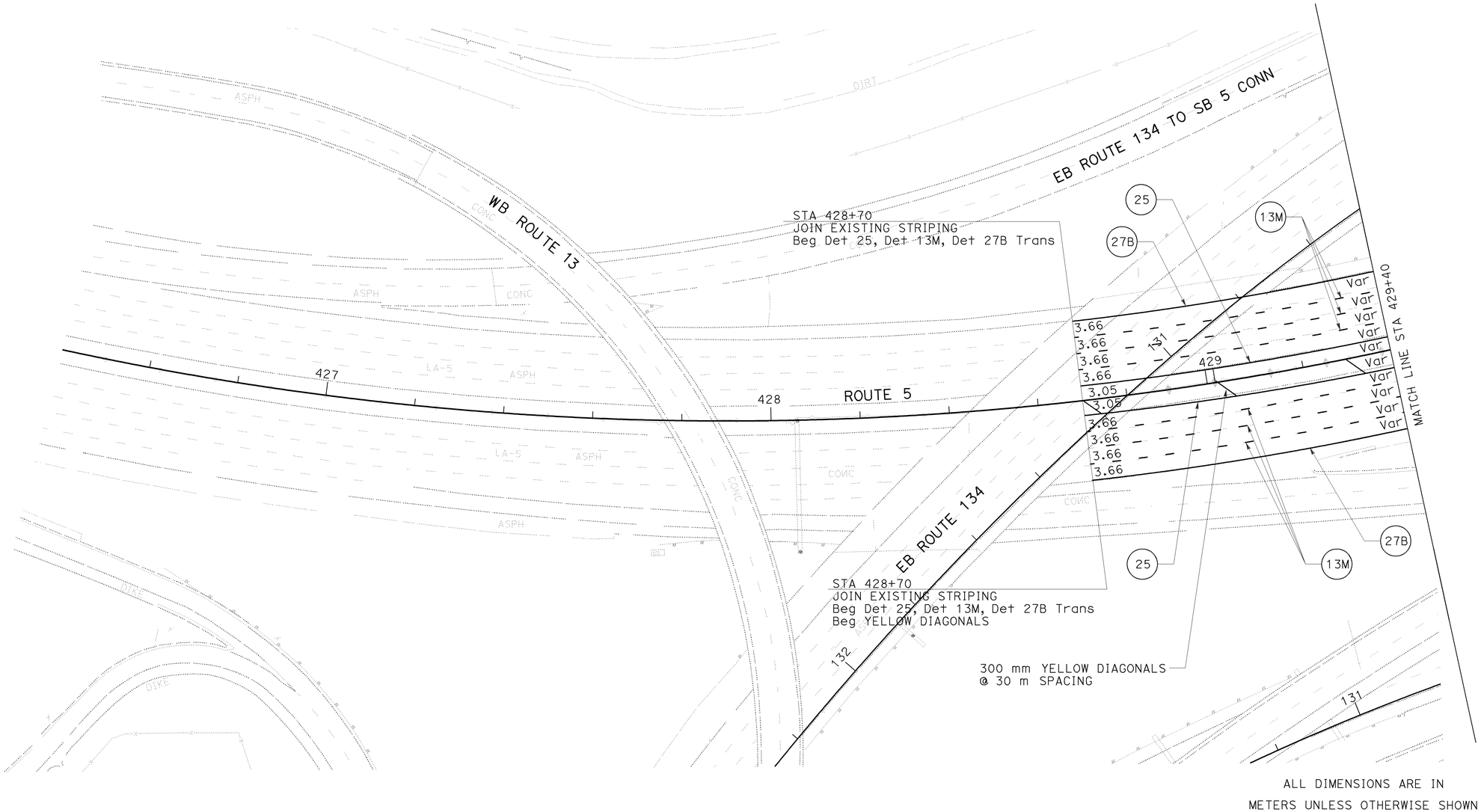
Caltrans Metric

NOTES:

1. STRIPES AND PAVEMENT MARKINGS SHALL BE THERMOPLASTIC
2. DIAGONAL MARKINGS SHALL BE APPLIED AT A 45 DEGREE ANGLE FROM THE ETW
3. CONFLICTING STRIPING SHALL BE REMOVED
4. LANES ARE 3.6 m WIDE UNLESS OTHERWISE SHOWN ON PLANS
5. LIMIT LINES AND CROSSWALKS SHALL BE 300 mm SOLID WHITE
6. CROSSWALKS SHALL BE 3.3 m C-C UNLESS OTHERWISE SHOWN ON PLANS
7. FOR HOV BUFFER STRIPING, SEE PAVEMENT DELINEATION DETAIL SHEET
8. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE.

LEGEND:

- (No) STRIPING DETAIL NUMBER PER CALTRANS STANDARD PLANS (WITH NUMBER)
- (X) STRIPING DETAIL NUMBER PER PAVEMENT DELINEATION DETAIL SHEET (WITH LETTER)
- (13M) STRIPING DETAIL 13 (MODIFIED) PER PAVEMENT DELINEATION DETAIL SHEET
- (14M) STRIPING DETAIL 14 (MODIFIED) PER PAVEMENT DELINEATION DETAIL SHEET
- CHANGE IN PAVEMENT DELINEATION DETAILS
- DIFFERENT TYPE OF DELINEATORS AS PER STRIPING PLANS



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PAVEMENT DELINEATION PLAN

SCALE 1:500

PD-1

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION ONLY

REVISED BY	DATE REVISED
	11/07

CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN

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

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 10:04

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => s135318
DGN FILE => 712184na001.dgn

CU 07380

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	275	1073

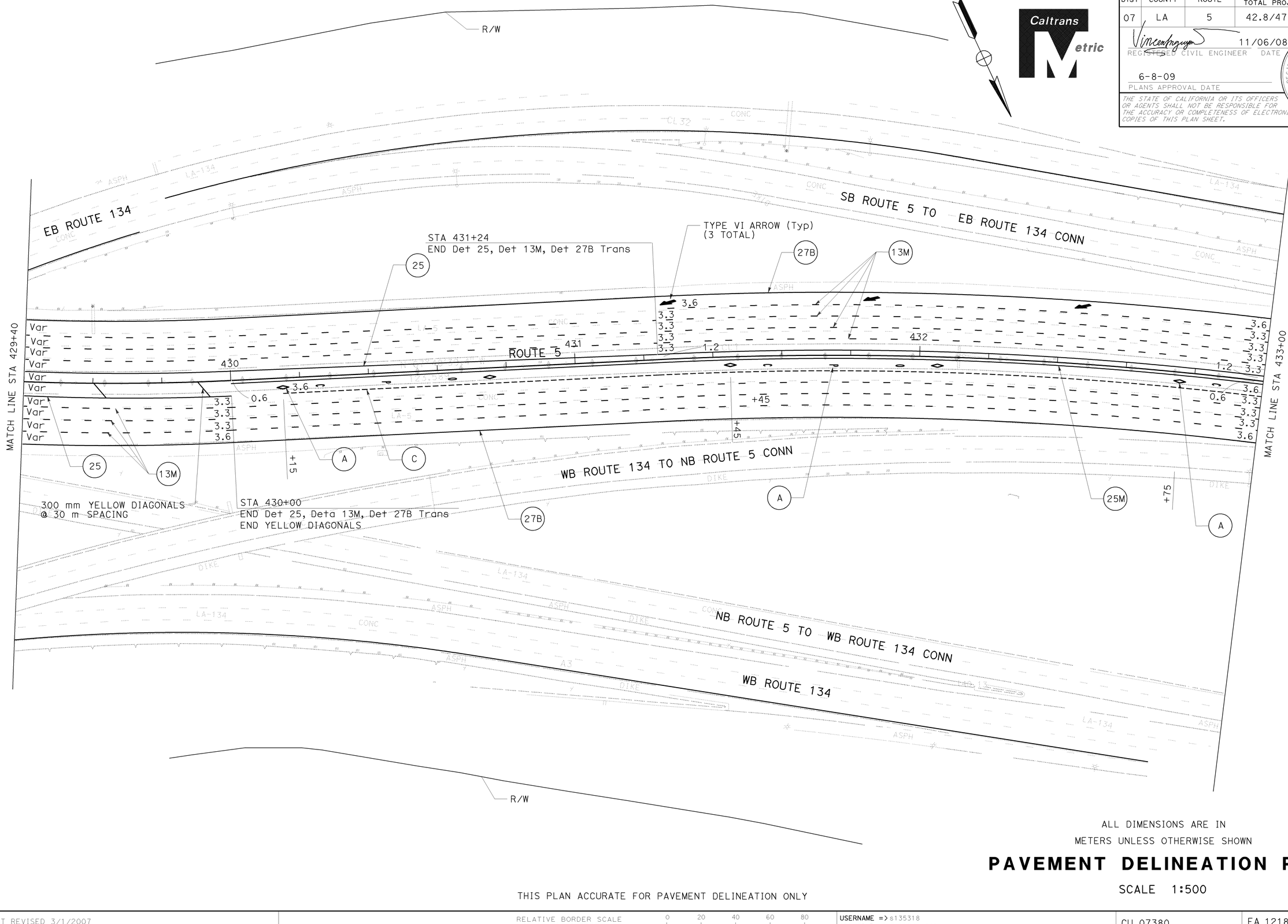
Caltrans Metric

Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
VINCENT NGUYEN
No. 57797
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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



ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

PAVEMENT DELINEATION PLAN

SCALE 1:500

PD-2

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION ONLY

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

FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
CALCULATED-DESIGNED BY:
CHECKED BY: VINCENT NGUYEN
REVISED BY: AHMED GABER
DATE REVISED: 11/07

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:04
00-00-00

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => s135318
DGN FILE => 712184na002.dgn

CU 07380

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	276	1073

Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — VINCENT NGUYEN — No. 57797 — Exp. 3/31/10 — CIVIL — STATE OF CALIFORNIA

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

Caltrans Metric

R/W

STA 433+35
JOIN EXISTING STRIPING

EB ROUTE 134

3.6 SB ROUTE 5 TO EB ROUTE 134 CONN

ROUTE 5

0.3m HOV BUFFER

WB ROUTE 134 TO NB ROUTE 5 CONN

STA 433+26
JOIN EXISTING STRIPING

WB ROUTE 134

Los Angeles River

MATCH LINE STA 433+00

MATCH LINE STA 436+40

ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

PAVEMENT DELINEATION PLAN

SCALE 1:500

PD-3

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION ONLY

CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
REVISED BY
DATE REVISED: 11/07
FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 10:04

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => s135318
DGN FILE => 712184na003.dgn

CU 07380

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	277	1073

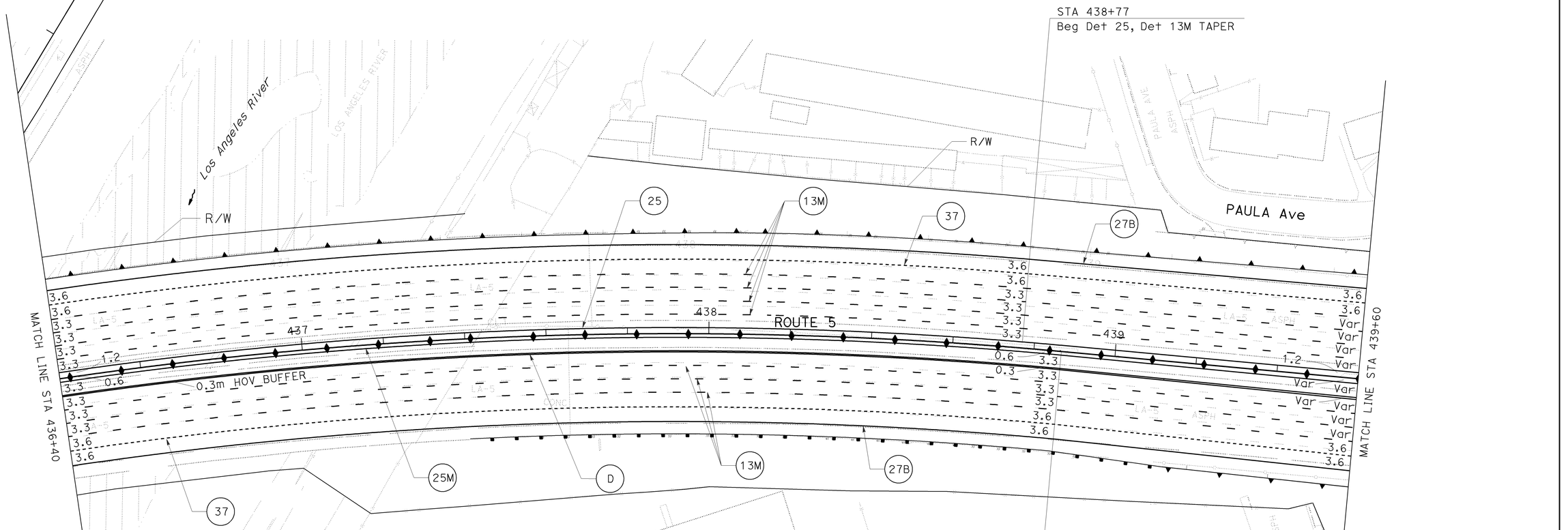
Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
VINCENT NGUYEN
No. 57797
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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

Caltrans Metric



ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

PAVEMENT DELINEATION PLAN

SCALE 1:500

PD-4

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

CALCULATED-DESIGNED BY
CHECKED BY
AHMED GABER
VINCENT NGUYEN
FUNCTIONAL SUPERVISOR
GRISH BIGLARIAN
REVISED BY
DATE REVISED
11/07

LAST REVISION
DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:04
00-00-00

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => s135318
DGN FILE => 712184na004.dgn
CU 07380
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	278	1073

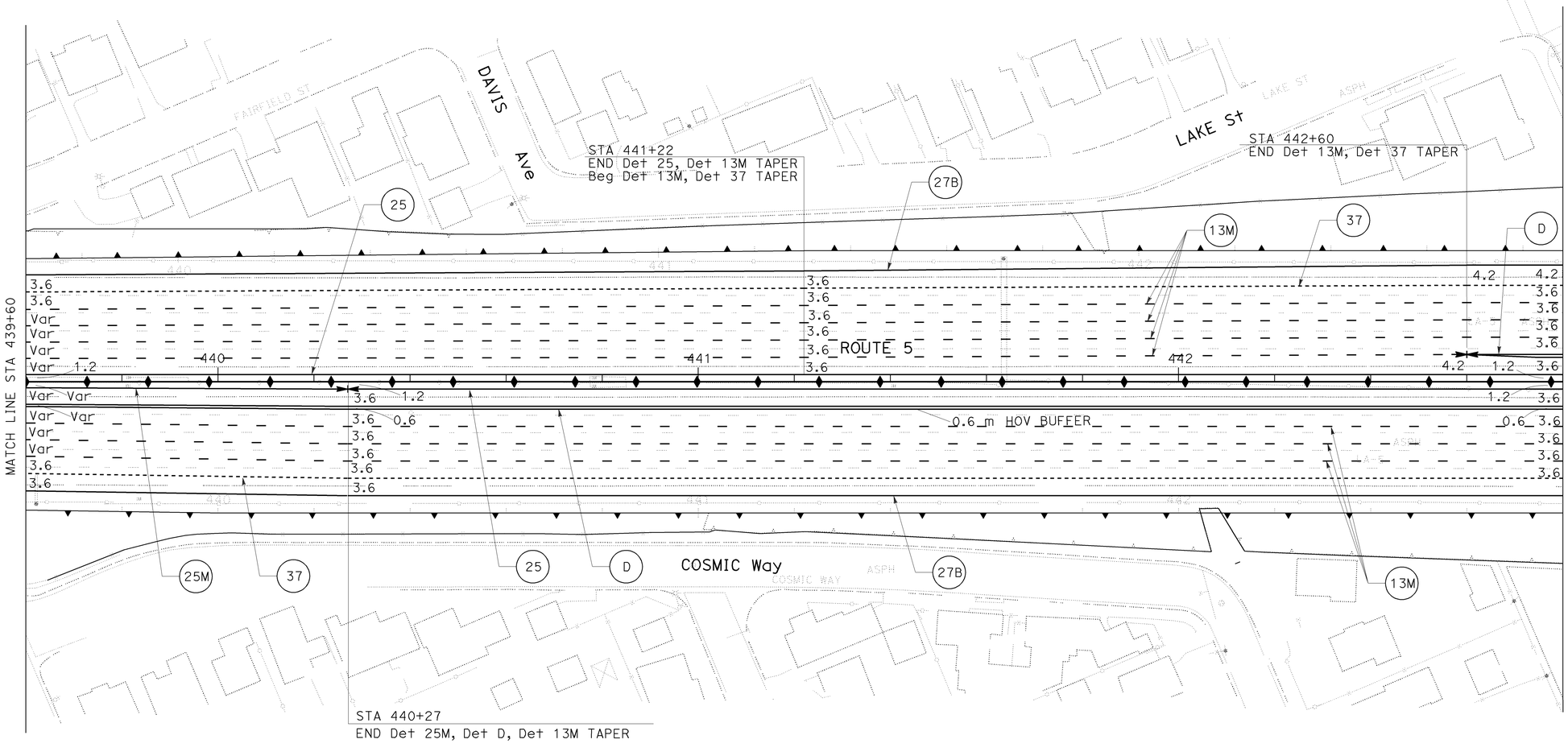
Caltrans Metric

Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
VINCENT NGUYEN
No. 57797
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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



THIS PLAN ACCURATE FOR PAVEMENT DELINEATION ONLY

ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

PAVEMENT DELINEATION PLAN

SCALE 1:500

PD-5

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

CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
REVISED BY
DATE REVISED: 11/07

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 10:04

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => s135318
DGN FILE => 712184na005.dgn

CU 07380

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	279	1073

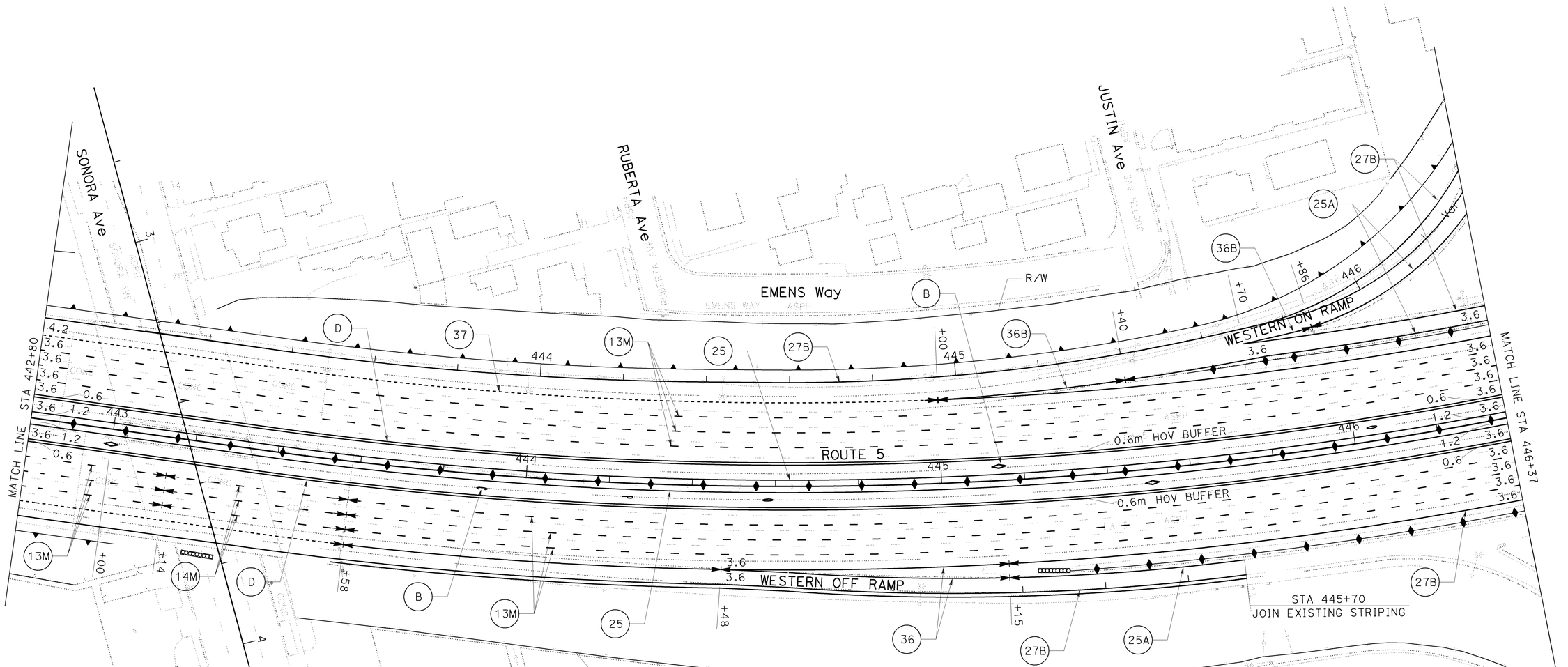
Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
VINCENT NGUYEN
No. 57797
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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

Caltrans Metric



ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION ONLY

PAVEMENT DELINEATION PLAN

SCALE 1:500

PD-6

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
REVISED BY
DATE REVISED 11/07

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 10:05

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => s135318
DGN FILE => 712184na006.dgn
CU 07380
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	280	1073

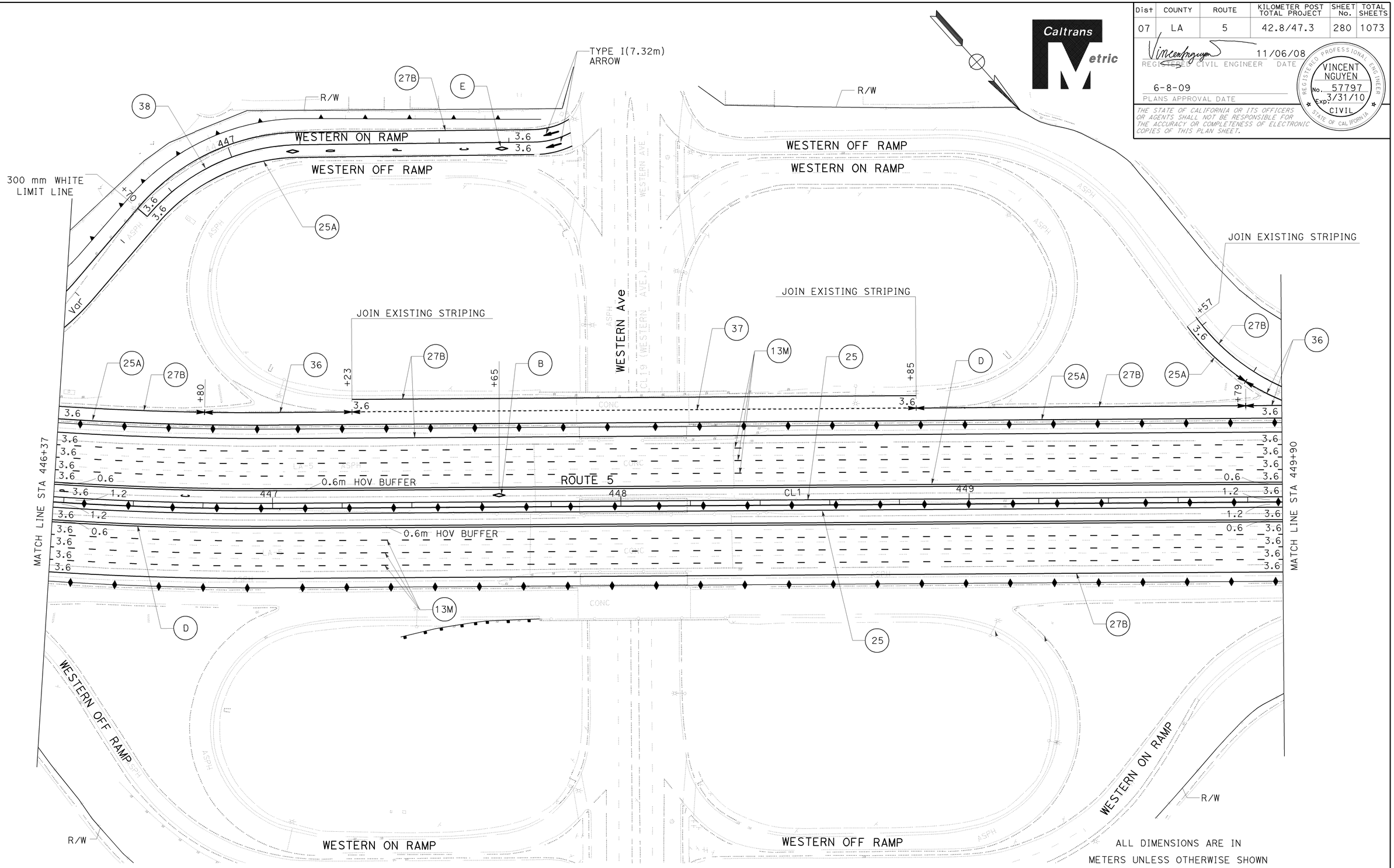
Caltrans Metric

REGISTERED CIVIL ENGINEER 11/06/08 DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER VINCENT NGUYEN No. 57797 Exp. 3/31/10 CIVIL STATE OF CALIFORNIA

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



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PAVEMENT DELINEATION PLAN

SCALE 1:500

PD-7

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION ONLY

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

FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
REVISED BY
DATE REVISED: 11/07

LAST REVISION 00-00-00
DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:05

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	281	1073

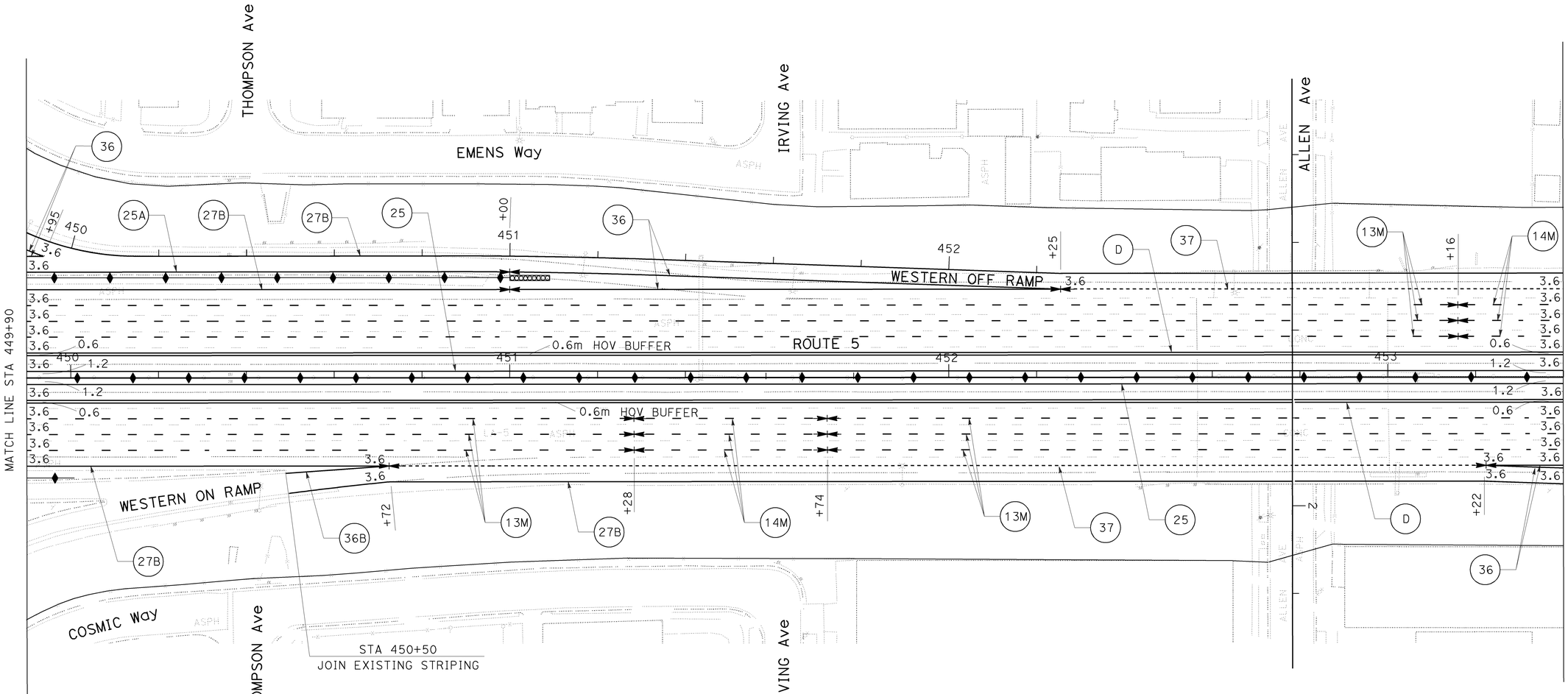
Caltrans Metric

Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

VINCENT NGUYEN No. 57797 Exp. 3/31/10 CIVIL
REGISTERED PROFESSIONAL ENGINEER STATE OF CALIFORNIA

6-8-09
PLANS APPROVAL DATE

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



ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

PAVEMENT DELINEATION PLAN

SCALE 1:500

PD-8

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION ONLY

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

FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
REVISED BY
DATE REVISED: 11/07

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 10:05

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => s135318
DGN FILE => 712184na008.dgn

CU 07380

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	282	1073

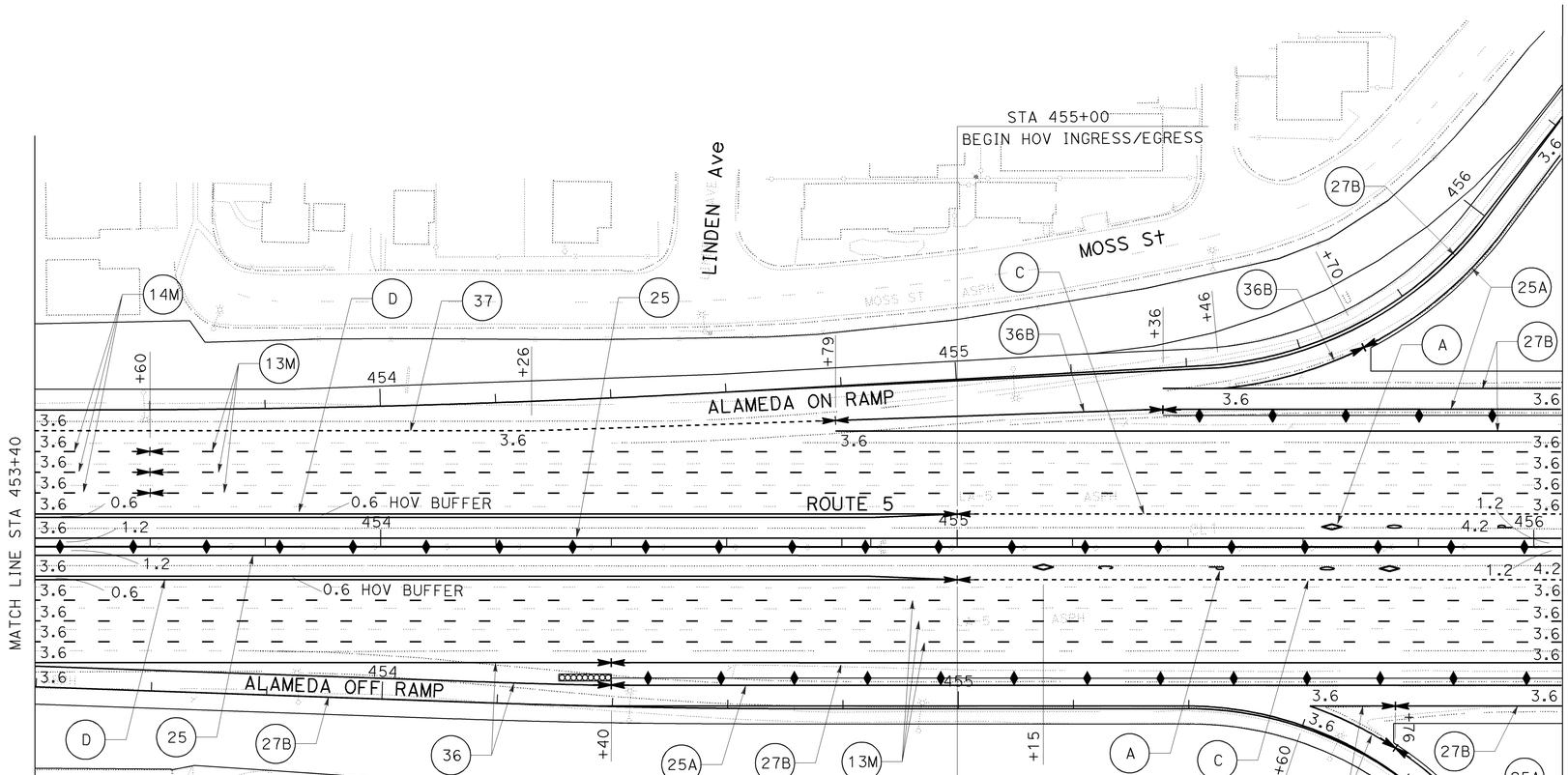
Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — VINCENT NGUYEN — No. 57797 — Exp. 3/31/10 — CIVIL — STATE OF CALIFORNIA

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

Caltrans Metric



ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

PAVEMENT DELINEATION PLAN

SCALE 1:500

PD-9

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION ONLY

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
AHMED GABER	VINCENT NGUYEN		11/07

FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 10:05

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => s135318
DGN FILE => 712184na009.dgn

CU 07380

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	283	1073

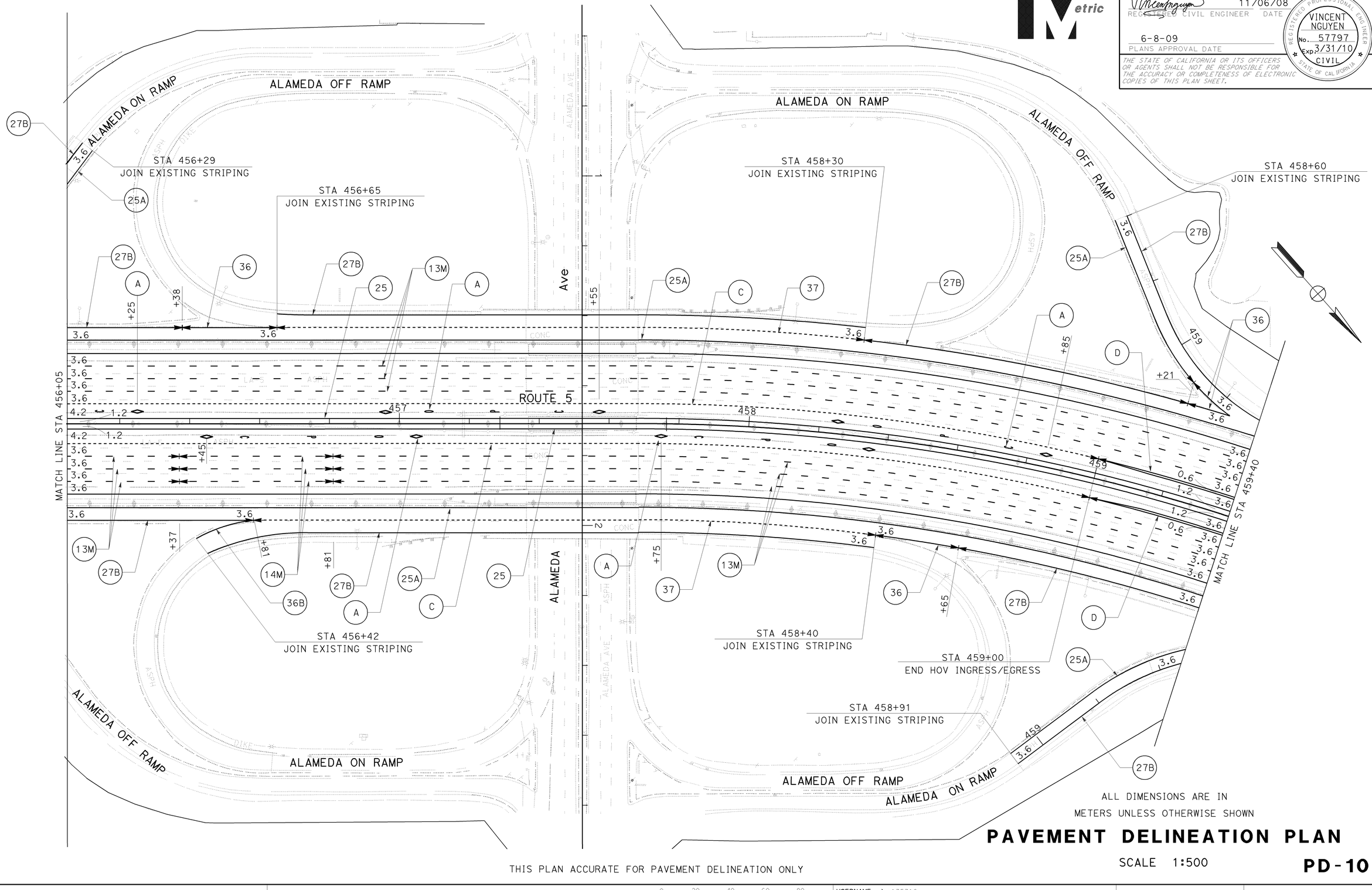
Caltrans Metric

Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — VINCENT NGUYEN — No. 57797 — Exp. 3/31/10 — CIVIL — STATE OF CALIFORNIA

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



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PAVEMENT DELINEATION PLAN

SCALE 1:500

PD-10

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
REVISED BY
DATE REVISED: 11/07

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 10:05

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => s135318
DGN FILE => 712184na010.dgn

CU 07380

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	284	1073

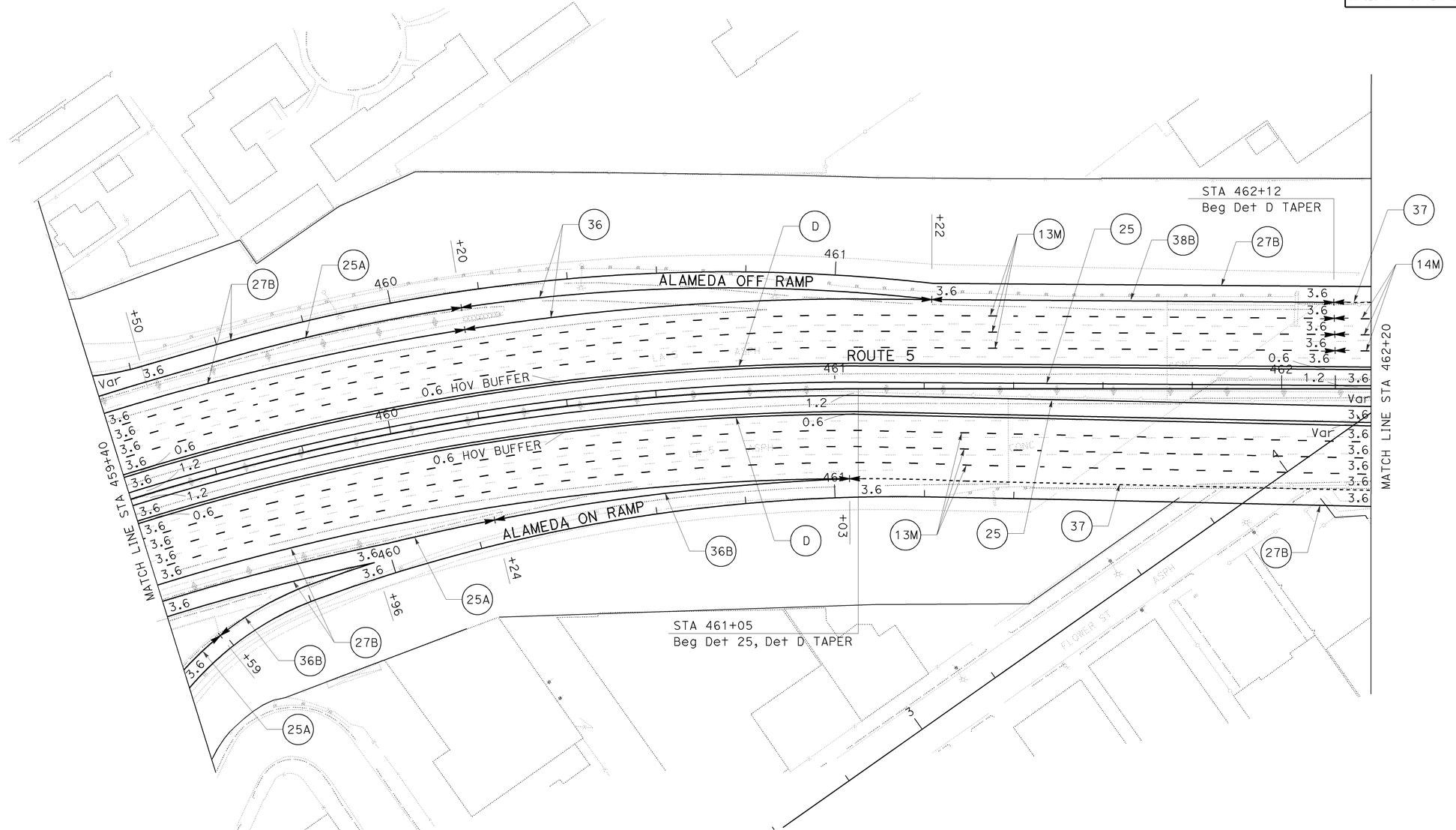
Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — VINCENT NGUYEN — No. 57797 — Exp. 3/31/10 — CIVIL — STATE OF CALIFORNIA

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

Caltrans Metric



ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

PAVEMENT DELINEATION PLAN

SCALE 1:500

PD-11

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION ONLY

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

FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
REVISED BY
DATE REVISED: 11/07

LAST REVISION 00-00-00
DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:05

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => s135318
DGN FILE => 712184ng011.dgn
CU 07380
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	285	1073

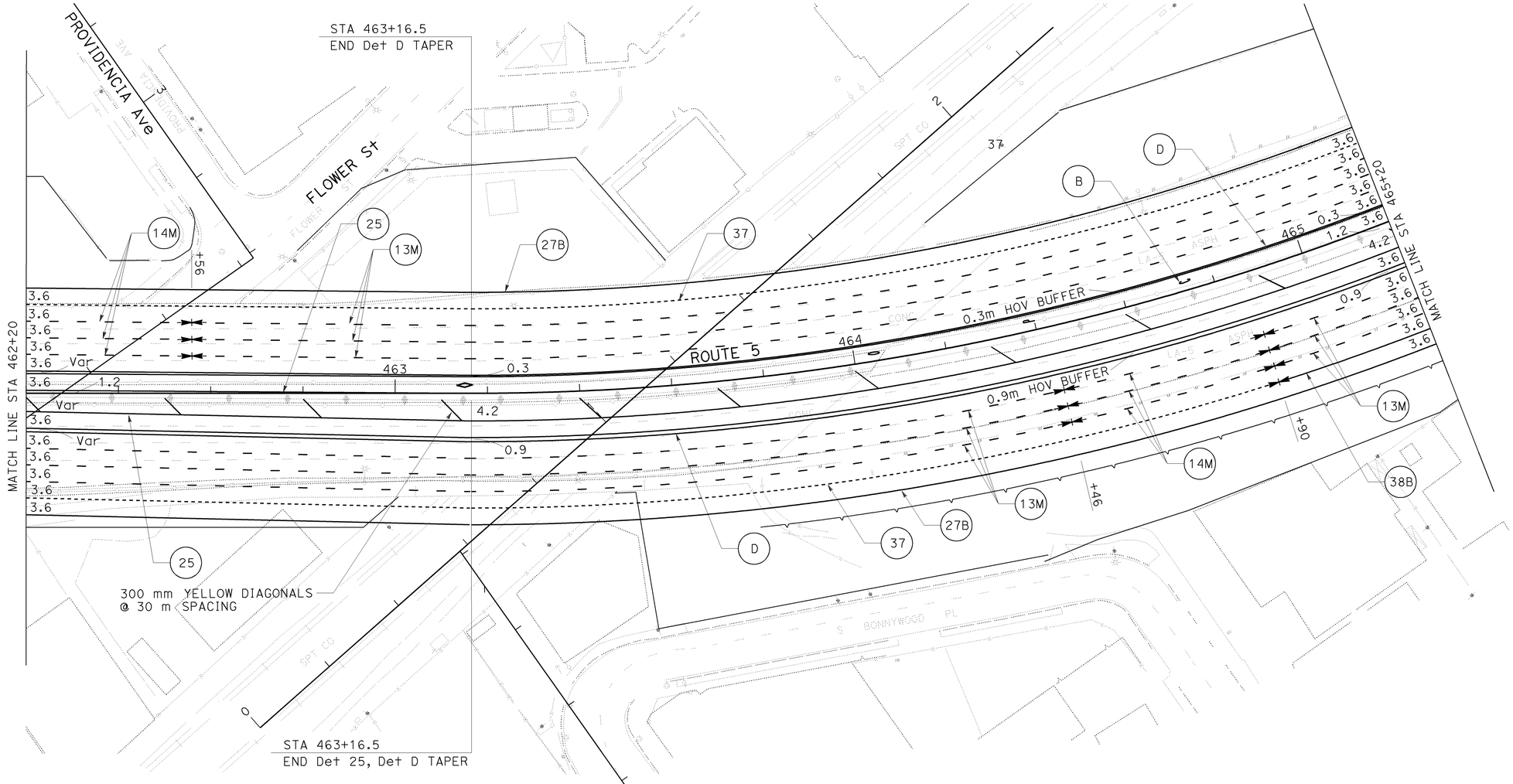
Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
VINCENT NGUYEN
No. 57797
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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

Caltrans Metric



ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

PAVEMENT DELINEATION PLAN

SCALE 1:500

PD-12

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION ONLY

CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
REVISED BY
DATE REVISED: 11/07
FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 10:05

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => s135318
DGN FILE => 712184na012.dgn
CU 07380
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	286	1073

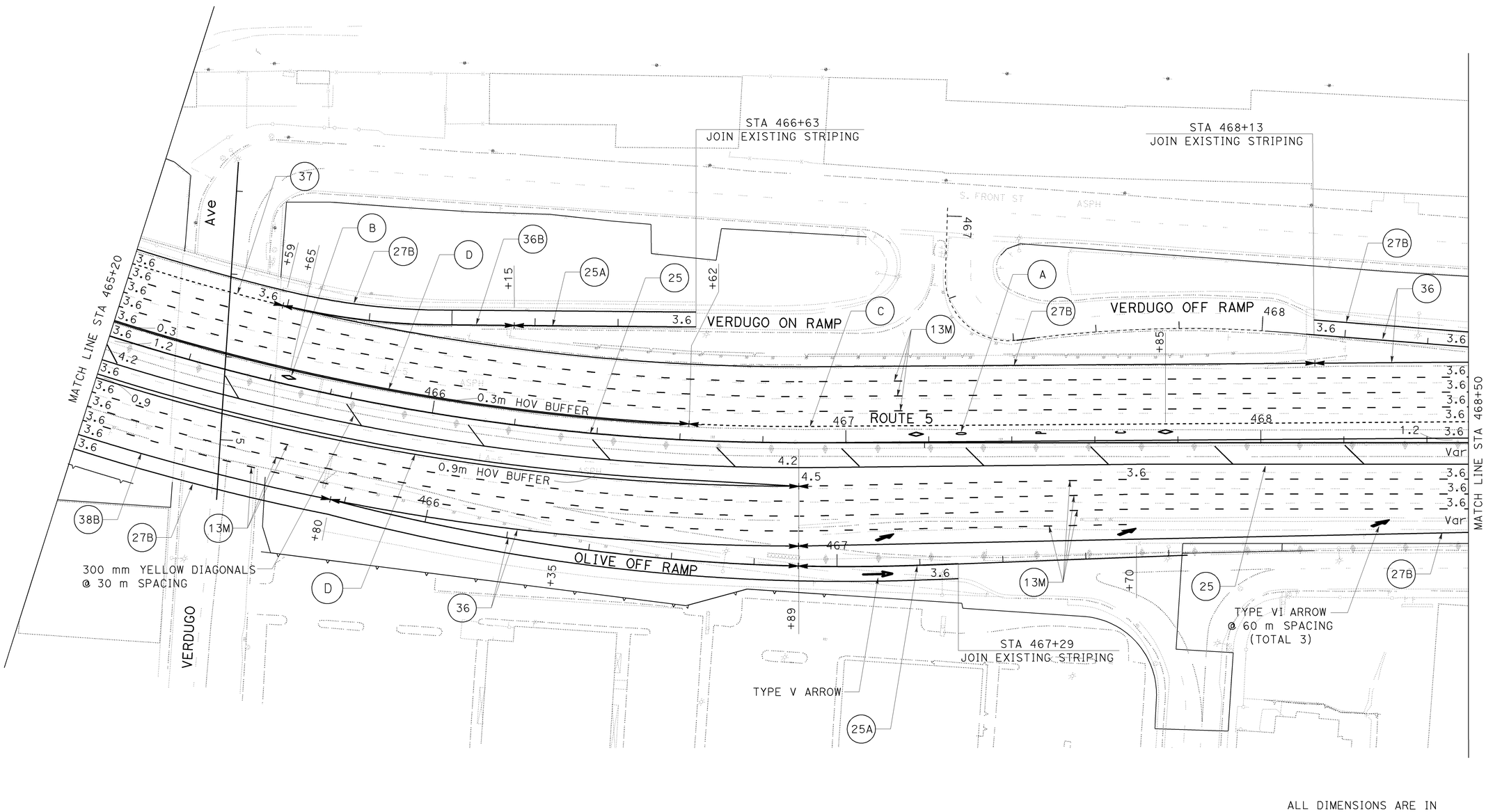
Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — VINCENT NGUYEN — No. 57797 — Exp. 3/31/10 — CIVIL — STATE OF CALIFORNIA

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

Caltrans Metric



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PAVEMENT DELINEATION PLAN

SCALE 1:500

PD-13

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

CALCULATED-DESIGNED BY	CHECKED BY	FUNCTIONAL SUPERVISOR
AHMED GABER	VINCENT NGUYEN	GRISH BIGLARIAN

REVISED BY	DATE REVISED
	11/07

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 1005

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => s135318
DGN FILE => 712184na013.dgn

CU 07380

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	287	1073

Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
VINCENT NGUYEN
No. 57797
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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

Caltrans Metric

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PAVEMENT DELINEATION PLAN

SCALE 1:500

PD-14

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
GRISH BIGLARIAN	AHMED GABER	VINCENT NGUYEN		11/07

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	288	1073

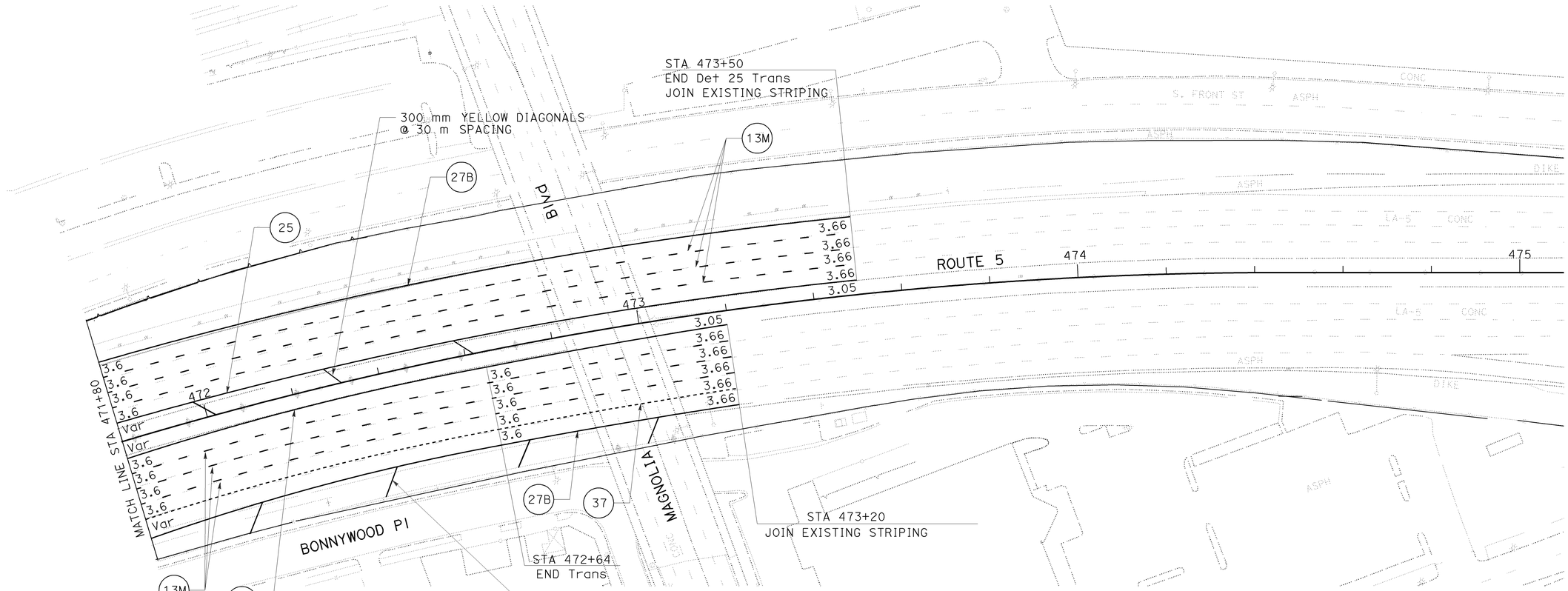
Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
VINCENT NGUYEN
No. 57797
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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

Caltrans Metric



ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

PAVEMENT DELINEATION PLAN

SCALE 1:500

PD-15

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN

CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN

REVISED BY
DATE REVISED 11/07

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:06
00-00-00

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => s135318
DGN FILE => 712184na015.dgn

CU 07380

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	289	1073

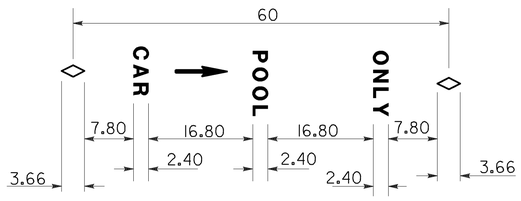
Caltrans Metric

Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

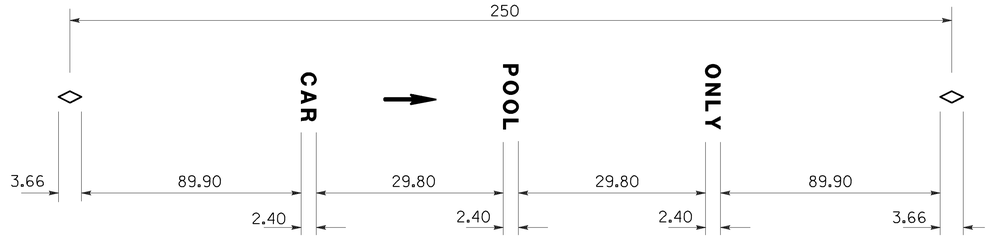
6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — VINCENT NGUYEN — No. 57797 — Exp. 3/31/10 — CIVIL — STATE OF CALIFORNIA

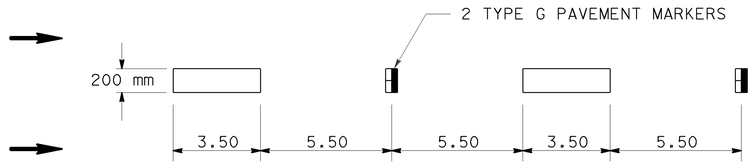
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.



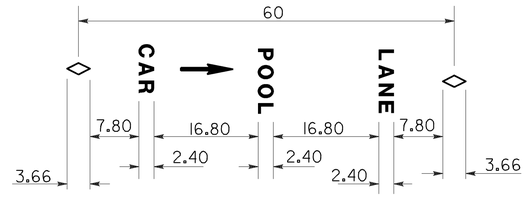
DETAIL A
INGRESS/EGRESS MARKING



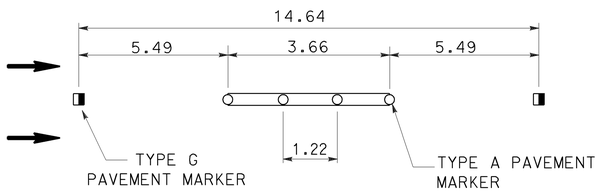
DETAIL B
LANE MARKING



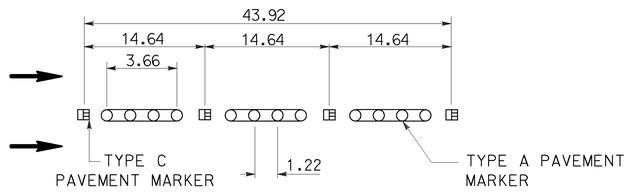
DETAIL C
INGRESS/EGRESS STRIPING DETAIL



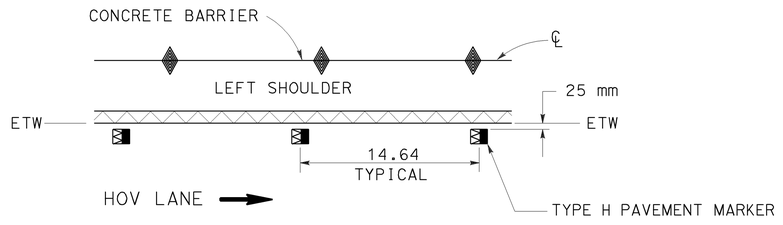
DETAIL E
RAMP HOV LANE



DETAIL 13M



DETAIL 14M



DETAIL 25M

LEGENDS

- ○ TYPE A PAVEMENT MARKER
- ⊞ TYPE C PAVEMENT MARKER
- ◨ TYPE G PAVEMENT MARKER
- ⊠ TYPE H PAVEMENT MARKER
- ▨ 100 mm YELLOW THERMOPLASTIC STRIPE
- ▭ 100 mm WHITE THERMOPLASTIC STRIPE
- ▬ 200 mm WHITE THERMOPLASTIC STRIPE
- → DIRECTION OF TRAVEL

NOTES:

1. USE TYPE C RED-CLEAR RETROREFLECTIVE MARKERS ON DETAIL D AT SEGMENTS WITHIN LIMITS OF DETAIL 14M.
2. USE TYPE HR RED-YELLOW RETROREFLECTIVE MARKERS ON BUFFER STRIPES AT SEGMENTS WITHIN LIMITS OF DETAIL 14M.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

PAVEMENT DELINEATION DETAILS

NO SCALE

PDD-1

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

FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
REVISED BY
DATE REVISED: 11/07

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 10:06

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => s135318
DGN FILE => 712184nb001.dgn
CU 07380
EA 121841

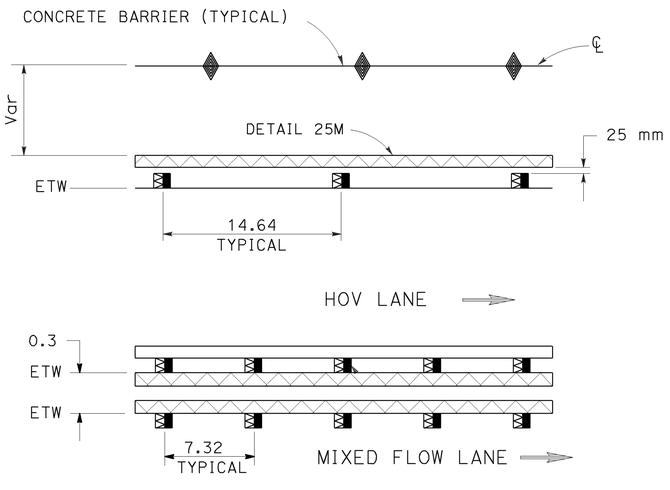
Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	290	1073

Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

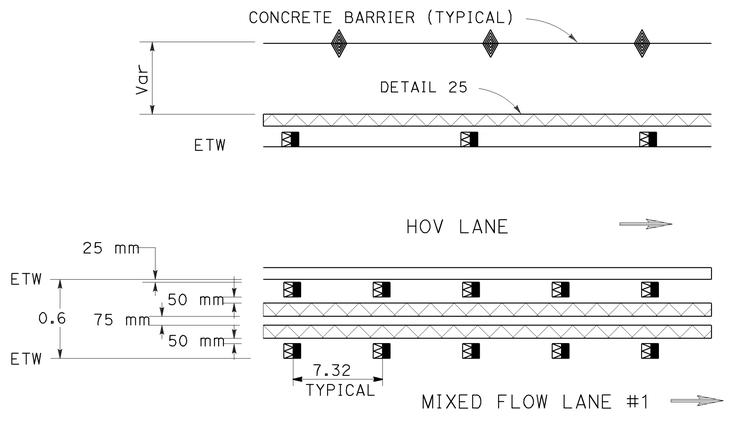
6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
VINCENT NGUYEN
No. 57797
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

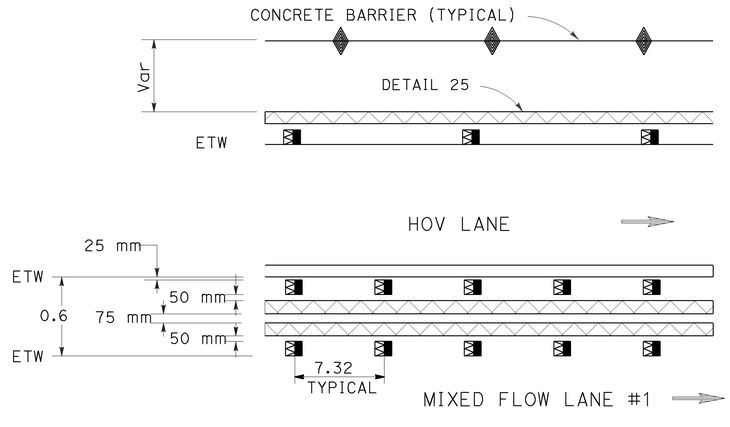
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF ELECTRONIC COPIES OF THIS PLAN SHEET.



BUFFER WIDTH-0.3 m



BUFFER WIDTH-0.6 m



BUFFER WIDTH-0.9 m

DETAIL D

BUFFER STRIPING DETAIL

ALL DIMENSIONS ARE IN
METERS UNLESS OTHERWISE SHOWN

PAVEMENT DELINEATION DETAILS

NO SCALE

PDD-2

REVISED BY | DATE REVISED: 11/07
CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:06
00-00-00

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	291	1073

REGISTERED CIVIL ENGINEER — 11/06/08 DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — VINCENT NGUYEN — No. 57797 — Exp. 3/31/10 — CIVIL — STATE OF CALIFORNIA

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

	THERMOPLASTIC TRAFFIC STRIPE													THERMOPLASTIC PAVEMENT MARKING WHITE					PAVEMENT MARKER*				
	100 mm*								HOV	200 mm*									RETROREFLECTIVE				
	WHITE BROKEN			SOLID			DETAIL D		BROKEN	WHITE SOLID			BROKEN										NON-REFLECTIVE TYPE A
SHEET No.	DETAIL 9 (5.18-2.14 -2.59)	DETAIL 13M (10.98-3.66)	DETAIL 14M (10.98-3.66)	DETAIL 25A YELLOW	DETAIL 25, 25M YELLOW	DETAIL 27B WHITE	100 mm YELLOW	100 mm WHITE	DETAIL C 200 mm WHITE (11.0-3.5)	DETAIL 36	DETAIL 36B	DETAIL 38B	DETAIL 37 (3.66-0.92) WHITE	ARROW	SYMBOL	WORDS	DIAGONALS	LIMIT LINE	TYPE C	TYPE G	TYPE H	TYPE HR	
	m	m	m	m	m	m	m	m	m	m	m	m	m	m^2	m^2	m^2	m^2	m^2	EA	EA	EA	EA	EA
PD-1		420			140	140											3.60			29	10		115
PD-2		2336			720	720			285					11.70	5.1	13.1				199	49		638
PD-3		2552	176		680	796	480	240	100	232	26	146	125		1.02	4.18			12	290	100	12	745
PD-4		2240			640	640	640	320												293	131		612
PD-5		2240			640	640	680	340					640							293	137		612
PD-6		2010	132	203	714	973	1428	714		134	56		220	7.8	3.06				17	203	272		585
PD-7		2118		549	706	1168	1412	706		65		130	162	5.76	3.06	9.48		1.08	8	216	316		579
PD-8		1944	155	110	700	832	1400	700		296	22		365						27	240	236	19	574
PD-9		1530	60	291	530	717	640	320	210	232	81		139		3.06	9.94			4	207	163		434
PD-10		1878	132	744	670	1461	160	80	590	70	39		324		9.18	23.04			25	279	169		549
PD-11		1656	24	183	560	859	1120	560		204	116	98	125						2	211	216		459
PD-12		1560	240		600	600	1200	600				30	570		1.02	5.76	12.6		24	232	205		492
PD-13		2061		88	660	804	622	311	188	292	56	60	39	13.08	3.06	5.76	20.61		9	231	142		563
PD-14	29	1848	132	68	660	728			197	86	68		57	5.76	4.08	11.52	33.00		21	176	54		541
PD-15		930			310	310							140				13.44		31	64	21		254
SUBTOTAL	29	27323	1051	2236	8930	11388	9782	4891	1570	1611	464	464	2906	44.10	32.64	82.78	83.25	1.08	180	3163	2221	31	7752
TOTAL	29	28374		37227					1570	2539			2906	244					5595				7752

* FOR ADDITIONAL QUANTITIES, SEE SHEET SCQ-3.

PAVEMENT DELINEATION QUANTITIES

NO SCALE

PDQ-1

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

FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
REVISED BY
DATE REVISED: 11/07

LAST REVISION DATE PLOTTED => 23-JUN-2009
TIME PLOTTED => 08:18
00-00-00

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trmikesl
DGN FILE => 712184nc001.dgn
CU 07380
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	292	1073

Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — VINCENT NGUYEN No. 57797 Exp 3/31/10 CIVIL — STATE OF CALIFORNIA

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

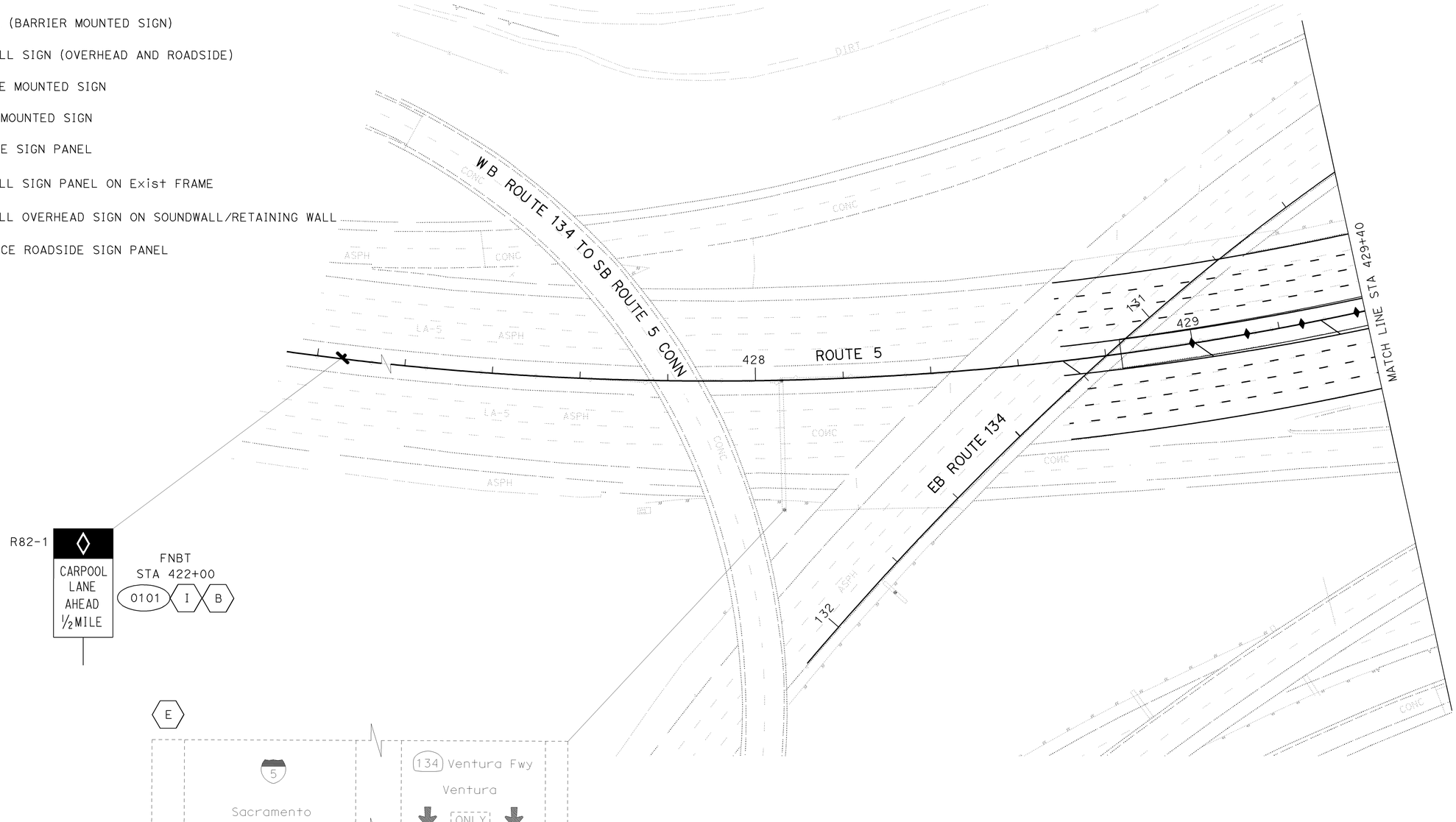
Caltrans Metric

LEGEND

- (15A) OVERHEAD SIGN IDENTIFICATION (WITH NUMBER & LETTER)
- (0206) ROADSIDE SIGN IDENTIFICATION (WITH NUMBER)
- E — Exist SIGN
- R — REMOVE SIGN
- RL — RELOCATE SIGN
- SS — INSTALL SIGN (STRAP AND SADDLE BRACKET METHOD)
- B — METAL (BARRIER MOUNTED SIGN)
- I — INSTALL SIGN (OVERHEAD AND ROADSIDE)
- BM — BRIDGE MOUNTED SIGN
- WM — WALL MOUNTED SIGN
- RP — REMOVE SIGN PANEL
- IP — INSTALL SIGN PANEL ON Exist FRAME
- IW — INSTALL OVERHEAD SIGN ON SOUNDWALL/RETAINING WALL
- RPL — REPLACE ROADSIDE SIGN PANEL

NOTE:

1. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRIC OFFICE.



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

SIGN PLAN

NO SCALE

THIS PLAN ACCURATE FOR SIGNING ONLY

S-1

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

FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
REVISED BY
DATE REVISED: 11/07

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:17
00-00-00

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trpierce
DGN FILE => 712184oa001.dgn

CU 07380

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	293	1073

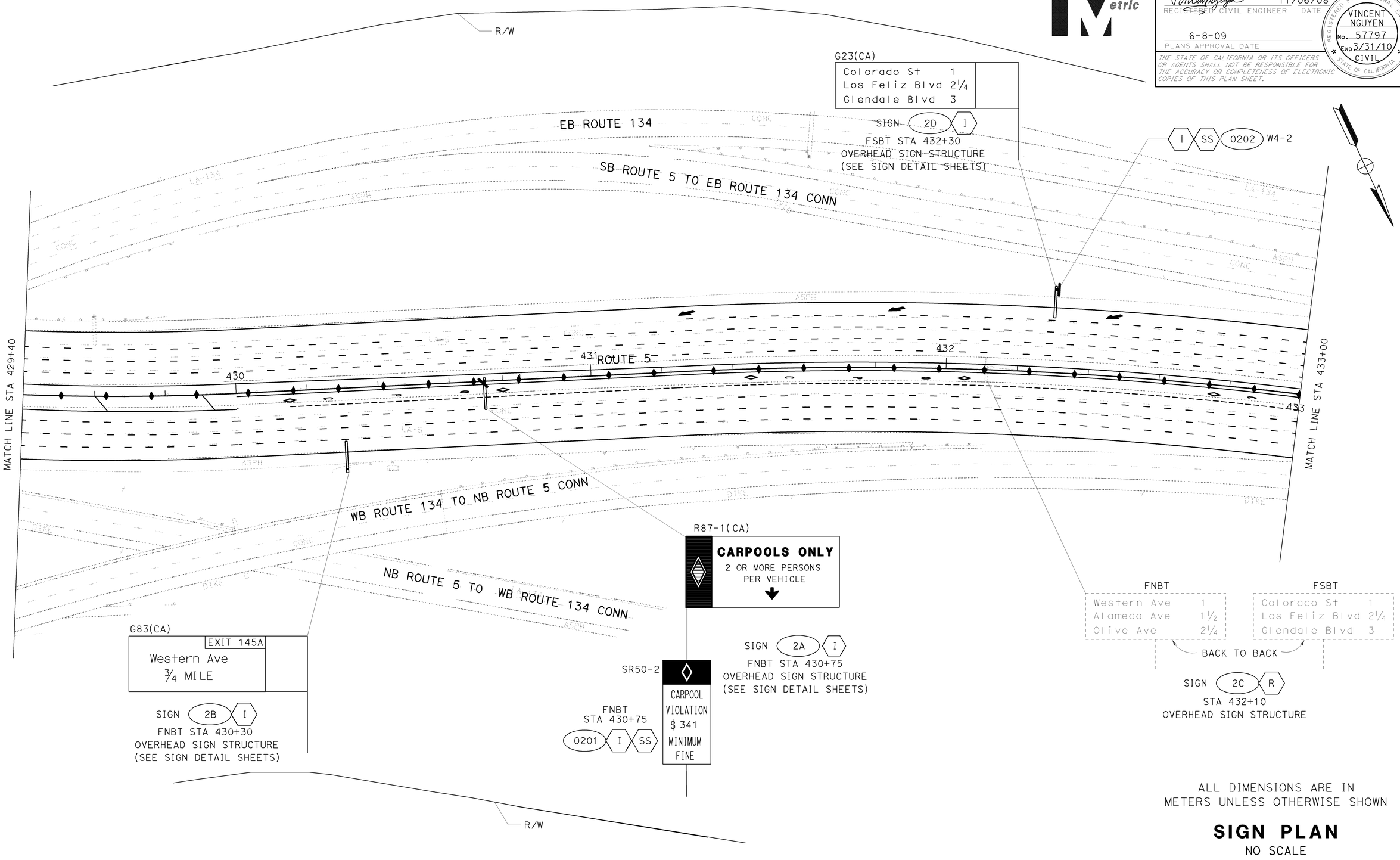
Caltrans Metric

REGISTERED CIVIL ENGINEER 11/06/08 DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER VINCENT NGUYEN No. 57797 Exp. 3/31/10 CIVIL STATE OF CALIFORNIA

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



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

SIGN PLAN

NO SCALE

THIS PLAN ACCURATE FOR SIGNING ONLY

S-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
REVISED BY
DATE REVISED: 11/07

LAST REVISION 00-00-00
DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:18

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	294	1073

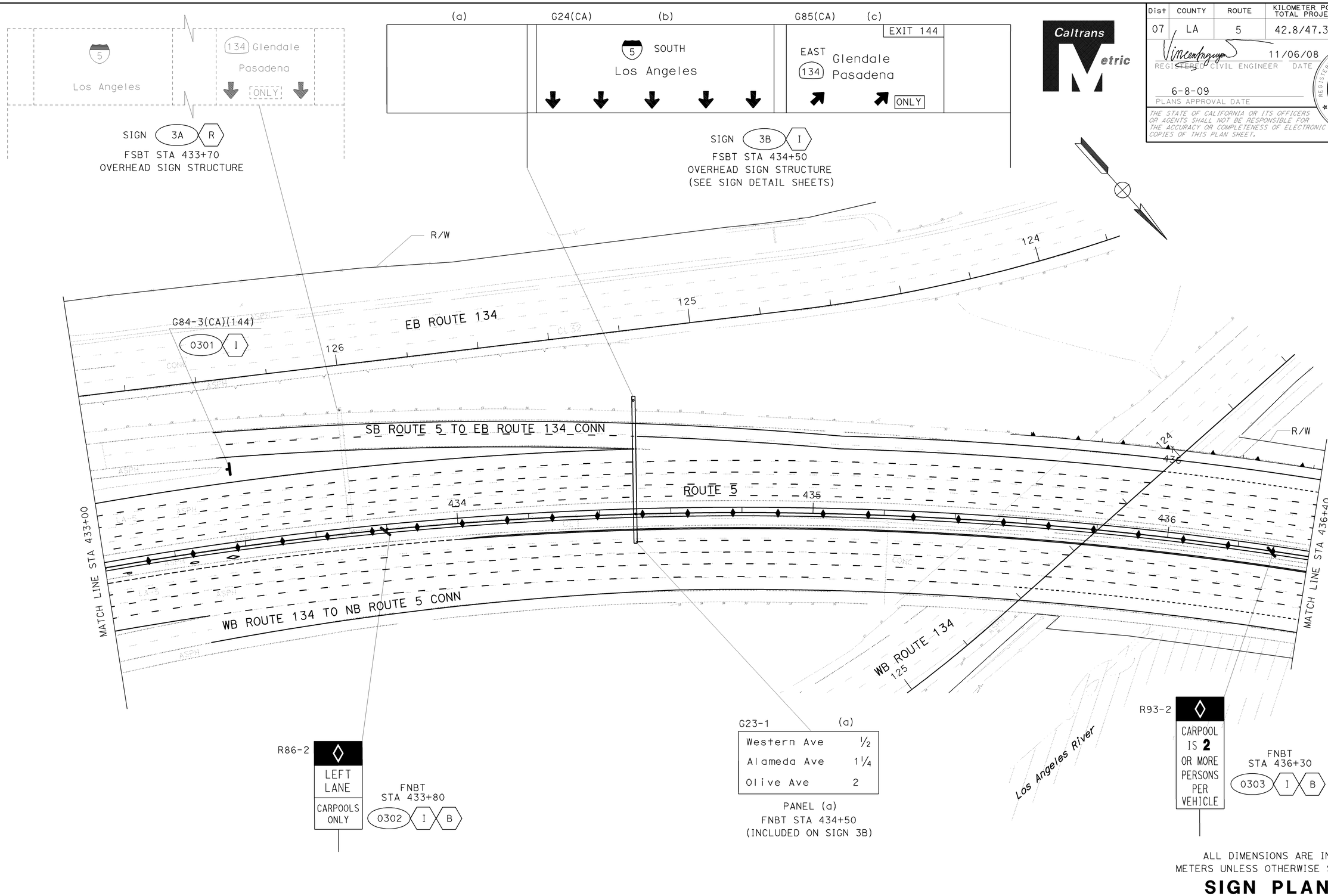
Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — VINCENT NGUYEN No. 57797 Exp 3/31/10 CIVIL — STATE OF CALIFORNIA

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

Caltrans Metric



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

SIGN PLAN

NO SCALE

THIS PLAN ACCURATE FOR SIGNING ONLY

S-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
REVISED BY
DATE REVISED: 11/07

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:18
00-00-00

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => tpierce
DGN FILE => 712184oa003.dgn
CU 07380
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	295	1073

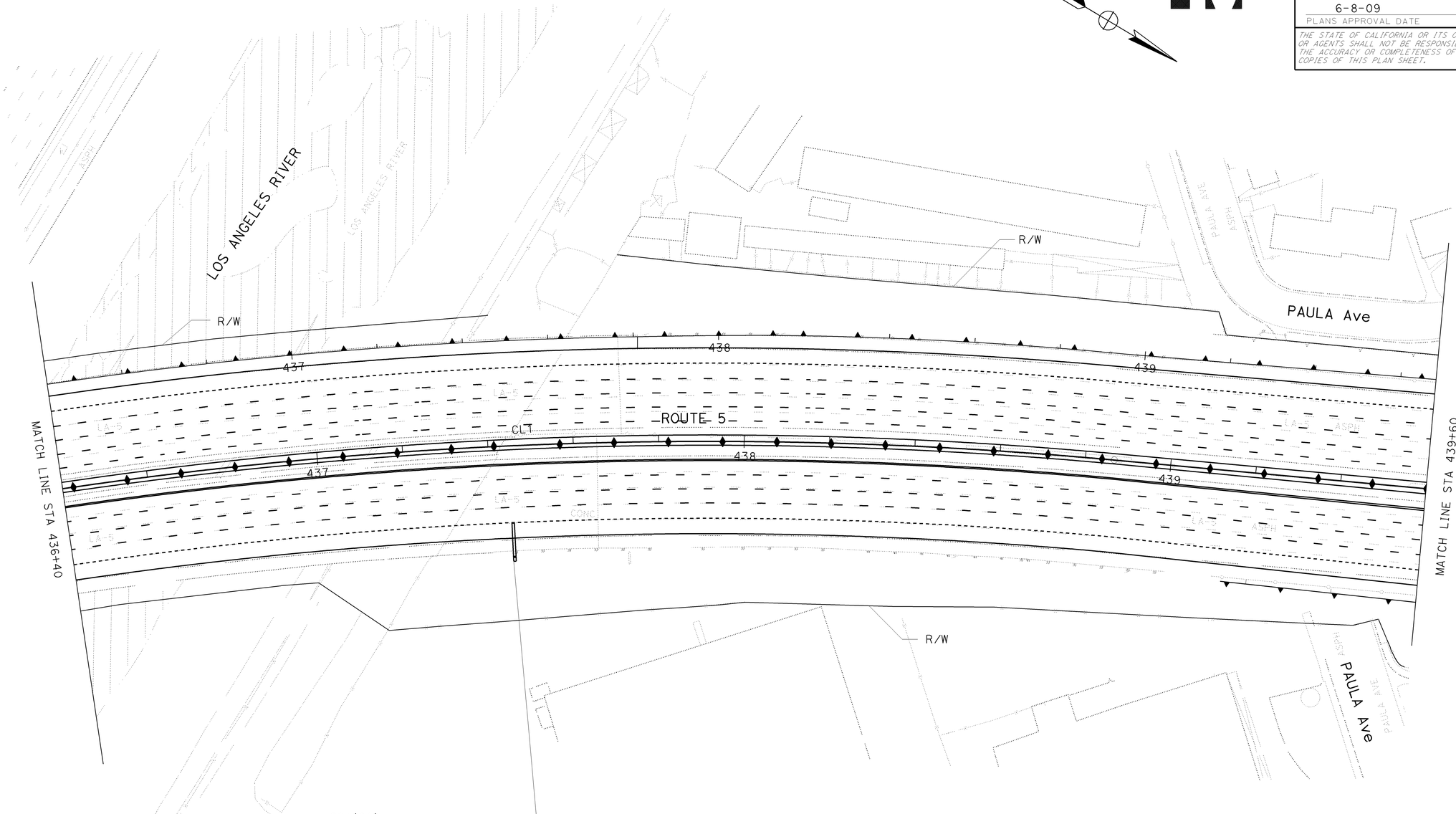
Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
VINCENT NGUYEN
No. 57797
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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

Caltrans Metric



G24(CA)

EXIT 145A
Western Ave
EXIT ONLY

SIGN 4A I
FNBT STA 437+45
OVERHEAD SIGN STRUCTURE
(SEE SIGN DETAIL SHEETS)

THIS PLAN ACCURATE FOR SIGNING ONLY

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

SIGN PLAN

NO SCALE

S-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
CALCULATED-DESIGNED BY
CHECKED BY
AHMED GABER
VINCENT NGUYEN
REVISED BY
DATE REVISED

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 0118

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trpierce
DGN FILE => 712184oa004.dgn
CU 07380
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	296	1073

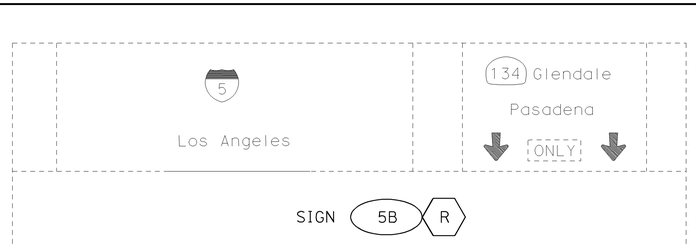
REGISTERED CIVIL ENGINEER — 11/06/08 DATE

6-8-09
PLANS APPROVAL DATE

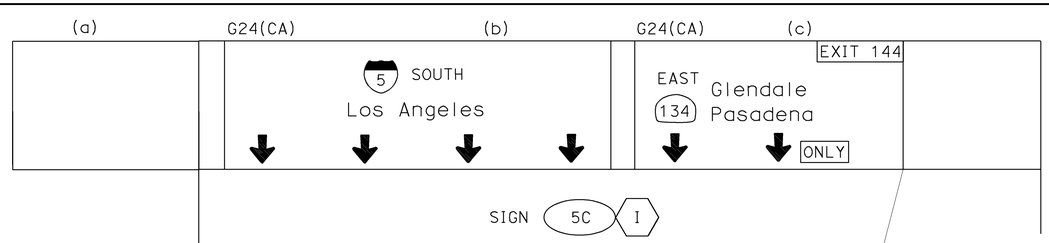
REGISTERED PROFESSIONAL ENGINEER — VINCENT NGUYEN — No. 57797 — Exp 3/31/10 — CIVIL — STATE OF CALIFORNIA

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

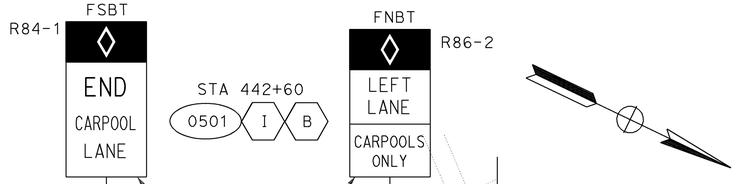
Caltrans Metric

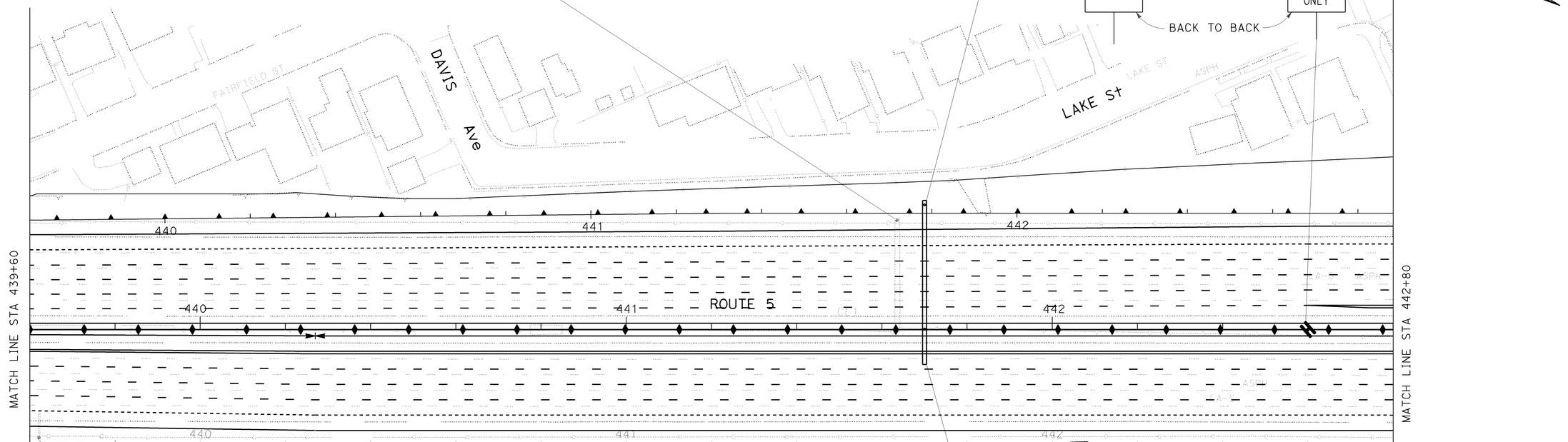


SIGN 5B R
FSBT STA 441+64
OVERHEAD SIGN STRUCTURE



SIGN 5C I
FSBT STA 441+70
OVERHEAD SIGN STRUCTURE
(SEE SIGN DETAIL SHEETS)





SIGN 5A R
FNBT STA 439+62
OVERHEAD SIGN STRUCTURE

G23-1 (a)

Western Ave	1/4
Alameda Ave	3/4
Olive Ave	1 1/2

PANEL (a)
FNBT STA 441+70
(INCLUDED ON SIGN 5C)

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

SIGN PLAN

NO SCALE

S-5

THIS PLAN ACCURATE FOR SIGNING ONLY

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
REVISED BY
DATE REVISED: 11/07

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 0118

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trpierce
DGN FILE => 712184oa005.dgn

CU 07380

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	297	1073

Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — VINCENT NGUYEN — No. 57797 — Exp. 3/31/10 — CIVIL — STATE OF CALIFORNIA

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

Caltrans Metric

FNBT
R93-2
CARPOOL IS **2** OR MORE PERSONS PER VEHICLE

STA 445+50
0606 I B

BACK TO BACK

FSBT
R93-2
CARPOOL IS **2** OR MORE PERSONS PER VEHICLE

R18A (CA)
0602 I WM

W4-3
0607 RL

SONORA Ave

RUBERTA Ave

JUSTIN Ave

EMENS Way

WESTERN ON RAMP

ROUTE 5

WESTERN OFF RAMP

COSMIC Way

MATCH LINE STA 442+80

MATCH LINE STA 446+37

R18A (CA)
0601 I

Western Ave ONLY

SIGN 6A R
FNBT STA 443+59
OVERHEAD SIGN STRUCTURE

G83(CA)
EXIT 145B
Alameda Ave
½ MILE

G85(CA)
EXIT 145A
Western Ave
EXIT ONLY

SIGN 6B I
FNBT STA 444+00
OVERHEAD SIGN STRUCTURE
(SEE SIGN DETAIL SHEETS)

G84(CA)
0604 R

G84-3(CA)(145A)
0605 I B

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

SIGN PLAN

NO SCALE

THIS PLAN ACCURATE FOR SIGNING ONLY

S-6

CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
REVISED BY
DATE REVISED: 11/07

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
TRAFFIC DESIGN

LAST REVISION DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:18
00-00-00

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trpierce
DGN FILE => 712184oa006.dgn
CU 07380
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	298	1073

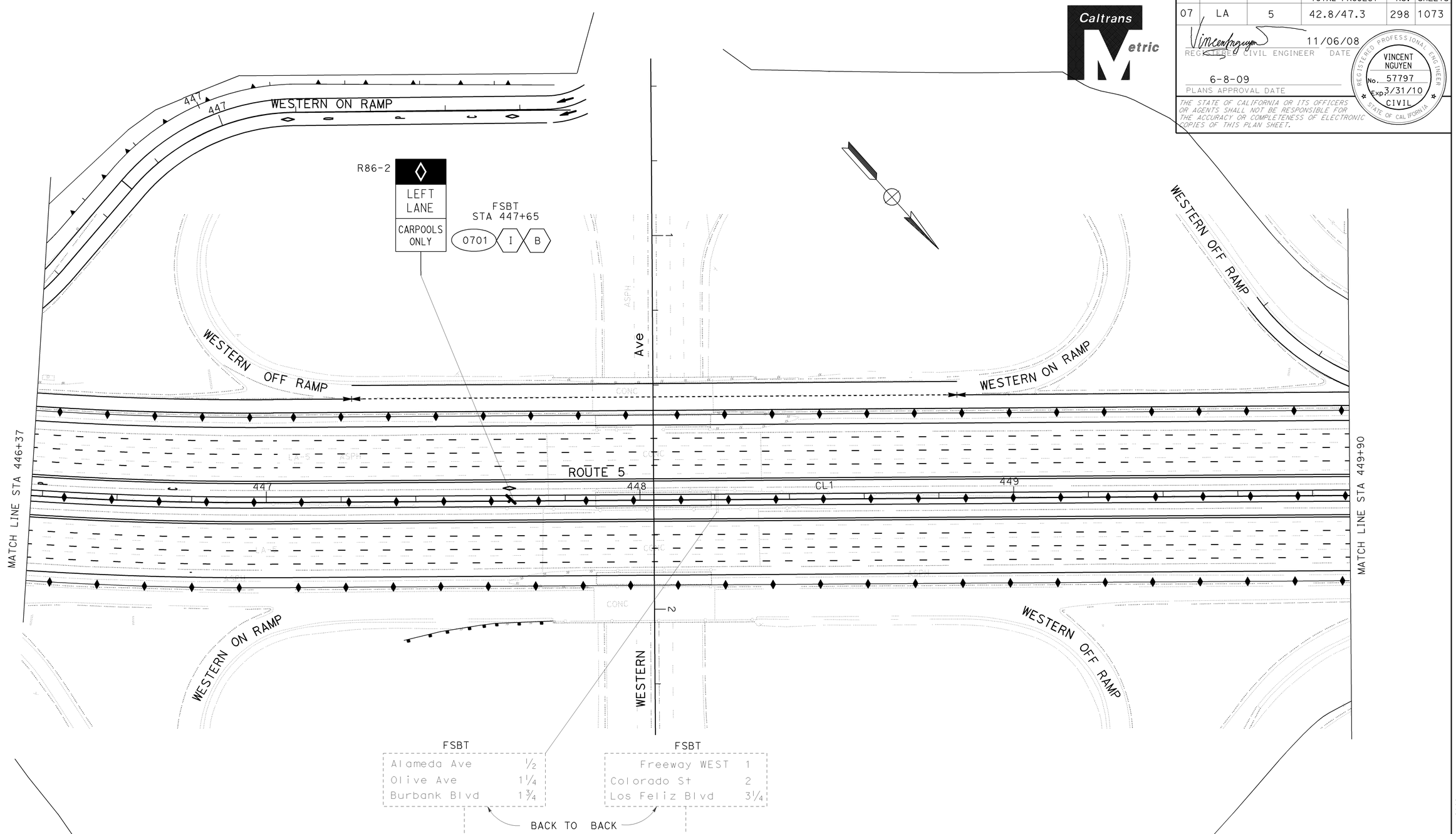
Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
VINCENT NGUYEN
No. 57797
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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

Caltrans Metric



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

SIGN PLAN

NO SCALE

S-7

THIS PLAN ACCURATE FOR SIGNING ONLY

CALCULATED-DESIGNED BY AHMED GABER
CHECKED BY VINCENT NGUYEN
REVISED BY
DATE REVISED 11/07
FUNCTIONAL SUPERVISOR GRISH BIGLARIAN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans **TRAFFIC DESIGN**

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 10:18

BORDER LAST REVISED 3/1/2007
RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80
USERNAME => trpierce
DGN FILE => 712184oa007.dgn
CU 07380
EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	299	1073

Caltrans Metric

Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — VINCENT NGUYEN No. 57797 Exp 3/31/10 CIVIL — STATE OF CALIFORNIA

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

5 Los Angeles

134 Glendale Pasadena 1 MILE

Western Ave ONLY

G83(CA) EXIT 144: EAST 134 Glendale Pasadena 1 MILE

G85(CA) EXIT 145A: Western Ave To 134 WEST EXIT ONLY

SIGN 8A R
FSBT STA 451+44
OVERHEAD SIGN STRUCTURE

SIGN 8B I
FSBT STA 452+30
OVERHEAD SIGN STRUCTURE
(SEE SIGN DETAIL SHEETS)

R84-2 CARPOOL LANE ENDS ½ MILE

FSBT STA 450+60 0802 I B

G84-3(CA)(145A) 0806 I B

G84(CA) 0804 R

THOMPSON Ave

EMENS Way

IRVING Ave

R93-2 CARPOOL IS 2 OR MORE PERSONS PER VEHICLE

FSBT STA 452+70 0808 I B

R18A(CA) 0809 I

MATCH LINE STA 449+90

450 451 452 453

WESTERN OFF RAMP

ROUTE 5

WESTERN ON RAMP

MATCH LINE STA 453+40

COSMIC Way

THOMPSON Ave

IRVING Ave

ALLEN

W4-1 E

W4-1 0803 RL

G86-9 Olive Burbank Empire NEXT EXIT

FNBT STA 451+15 0805 I B

M3-1(NORTH) G27-1(5) 0807 RL

Alameda Ave ONLY

SIGN 8C R
FNBT STA 453+02
OVERHEAD SIGN STRUCTURE

G9-5(CA) 0801 RL

G83-5 EXIT 146A: Olive Ave ¾ MILE

G85(CA) EXIT 145B: Alameda Ave EXIT ONLY

SIGN 8D I
FNBT STA 453+20
OVERHEAD SIGN STRUCTURE
(SEE SIGN DETAIL SHEETS)

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

SIGN PLAN

NO SCALE

THIS PLAN ACCURATE FOR SIGNING ONLY

S-8

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN

CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN

REVISED BY | DATE REVISED: 11/07

LAST REVISION DATE PLOTTED => 12-JUN-2009
00-00-00 TIME PLOTTED => 10:18

BORDER LAST REVISED 3/1/2007

RELATIVE BORDER SCALE IS IN MILLIMETERS 0 20 40 60 80

USERNAME => trpierce
DGN FILE => 712184oa008.dgn

CU 07380

EA 121841

Dist	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No.	TOTAL SHEETS
07	LA	5	42.8/47.3	300	1073

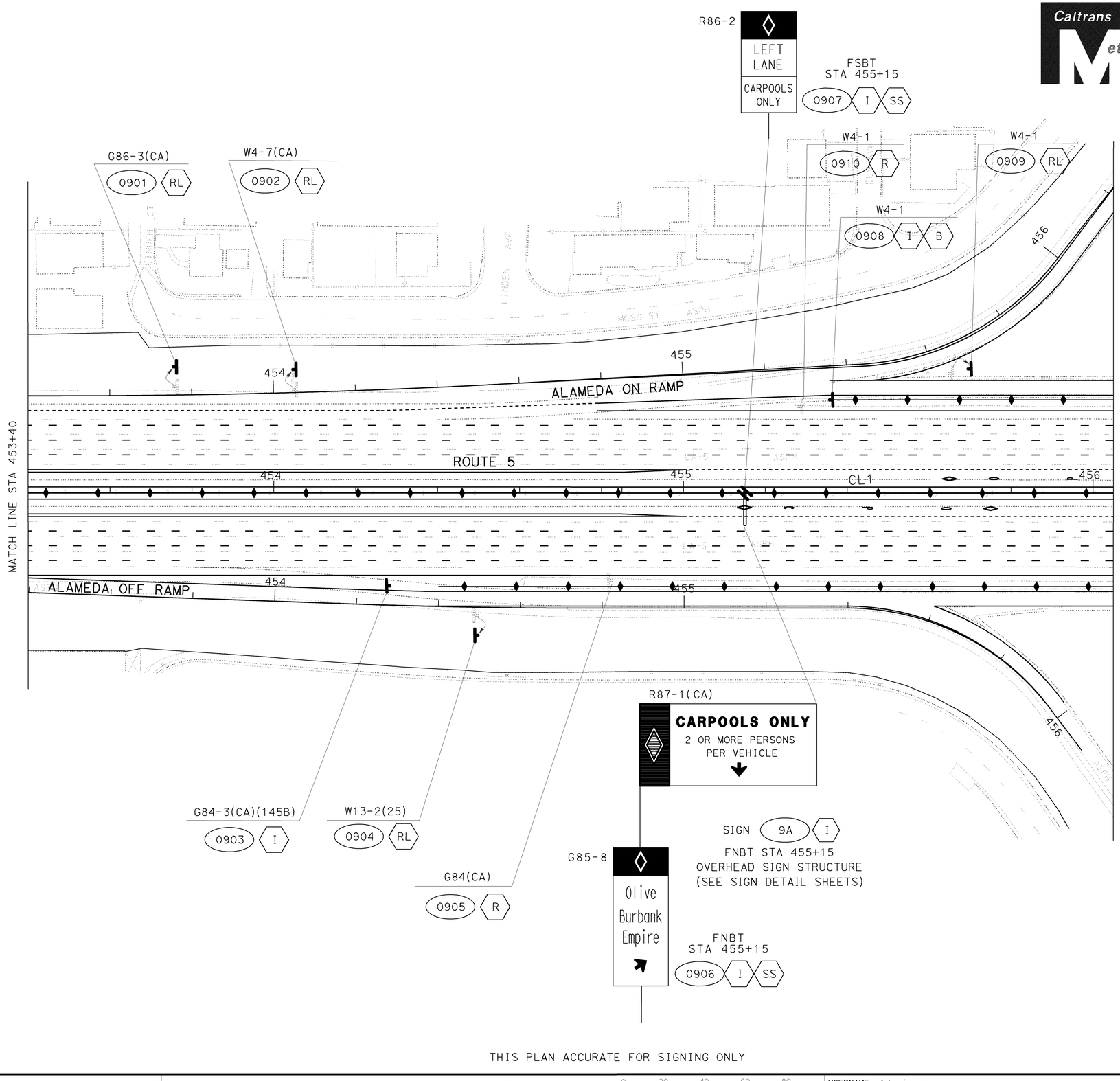
Vincent Nguyen 11/06/08
REGISTERED CIVIL ENGINEER DATE

6-8-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
VINCENT NGUYEN
No. 57797
Exp. 3/31/10
CIVIL
STATE OF CALIFORNIA

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

Caltrans Metric



ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

SIGN PLAN

NO SCALE

THIS PLAN ACCURATE FOR SIGNING ONLY

S-9

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans TRAFFIC DESIGN

FUNCTIONAL SUPERVISOR: GRISH BIGLARIAN
CALCULATED-DESIGNED BY: AHMED GABER
CHECKED BY: VINCENT NGUYEN
REVISED BY
DATE REVISED: 11/07

LAST REVISION 00-00-00
DATE PLOTTED => 12-JUN-2009
TIME PLOTTED => 10:18