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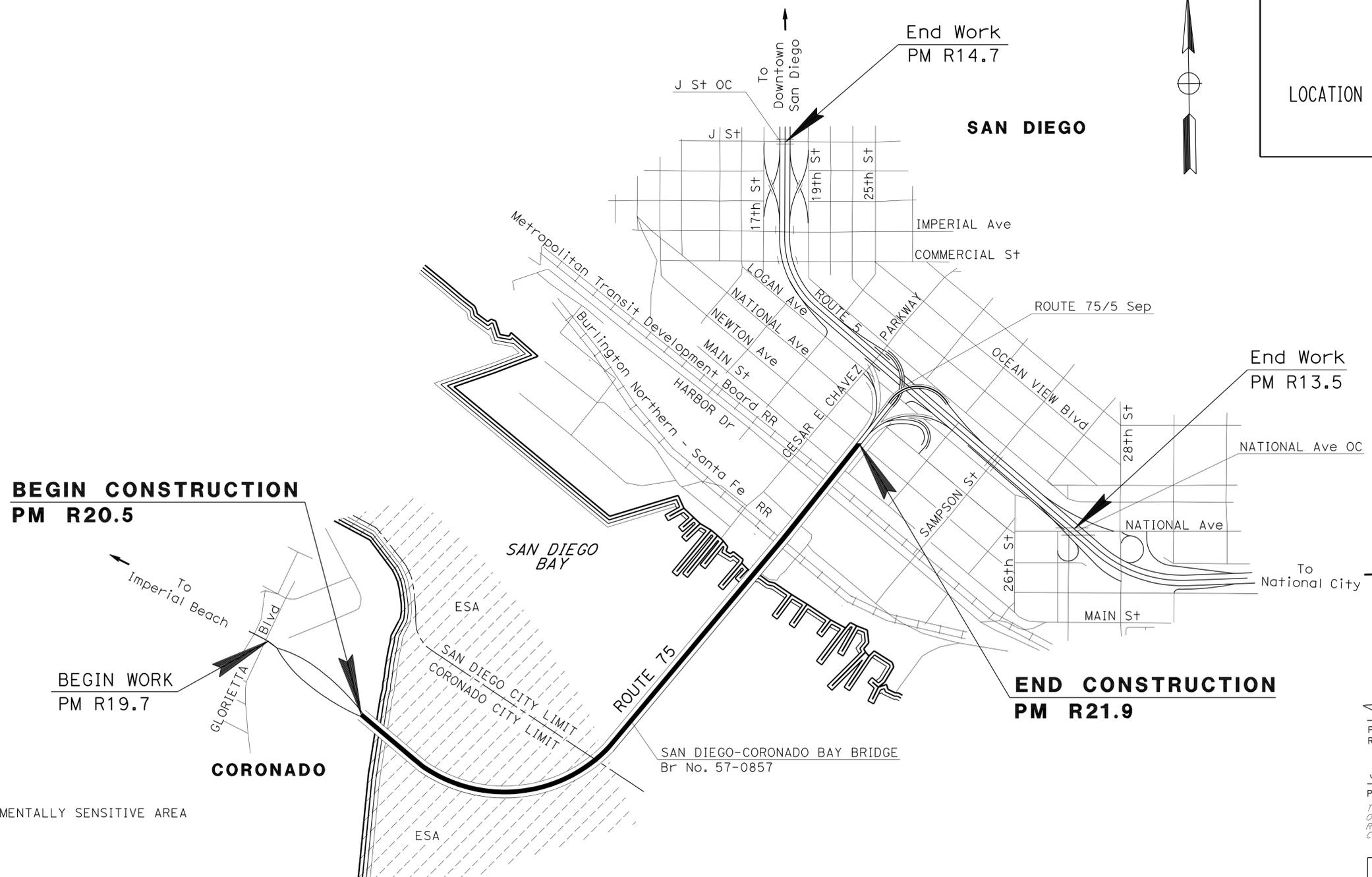
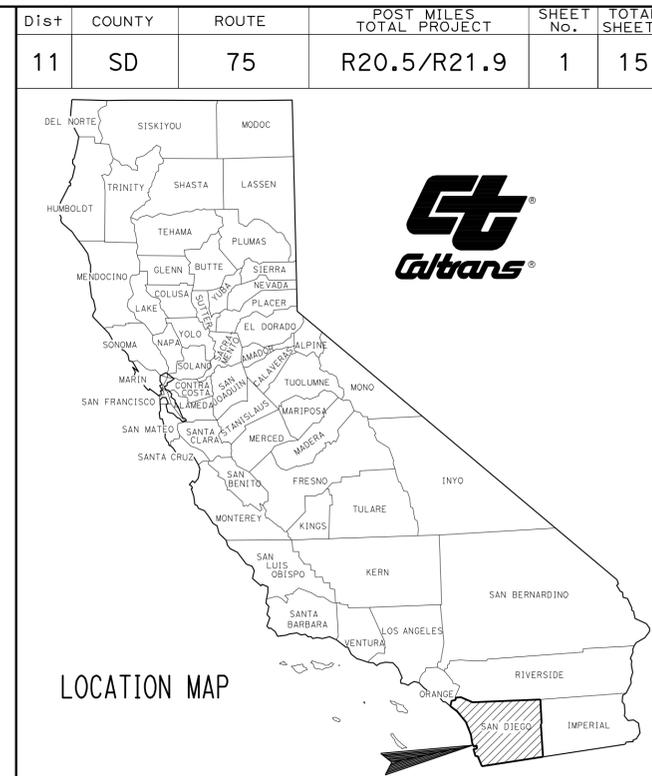
STRUCTURE PLANS

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

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**PROJECT PLANS FOR CONSTRUCTION ON  
STATE HIGHWAY**  
**IN SAN DIEGO COUNTY**  
**IN CORONADO AND SAN DIEGO**  
**FROM SAN DIEGO-CORONADO BAY BRIDGE**  
**TO 0.4 MILE SOUTH OF ROUTE 75/5 SEPARATION**

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



PROJECT MANAGER  
ALBERTO GAYON

DESIGN ENGINEER  
PEJHAN TAYEBATI

- ENVIRONMENTALLY SENSITIVE AREA

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

06-13-11  
PROJECT ENGINEER DATE  
REGISTERED CIVIL ENGINEER

JUNE 27, 2011  
PLANS APPROVAL DATE

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



CONTRACT No.	<b>11-403404</b>
PROJECT ID	<b>1100000784</b>

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	75	R20.49/R21.9	2	15

REGISTERED CIVIL ENGINEER	DATE	06-14-11
PLANS APPROVAL DATE	06-27-11	

REGISTERED PROFESSIONAL ENGINEER	SHAHIN ADIBI
No.	54839
Exp.	06-30-12
CIVIL	

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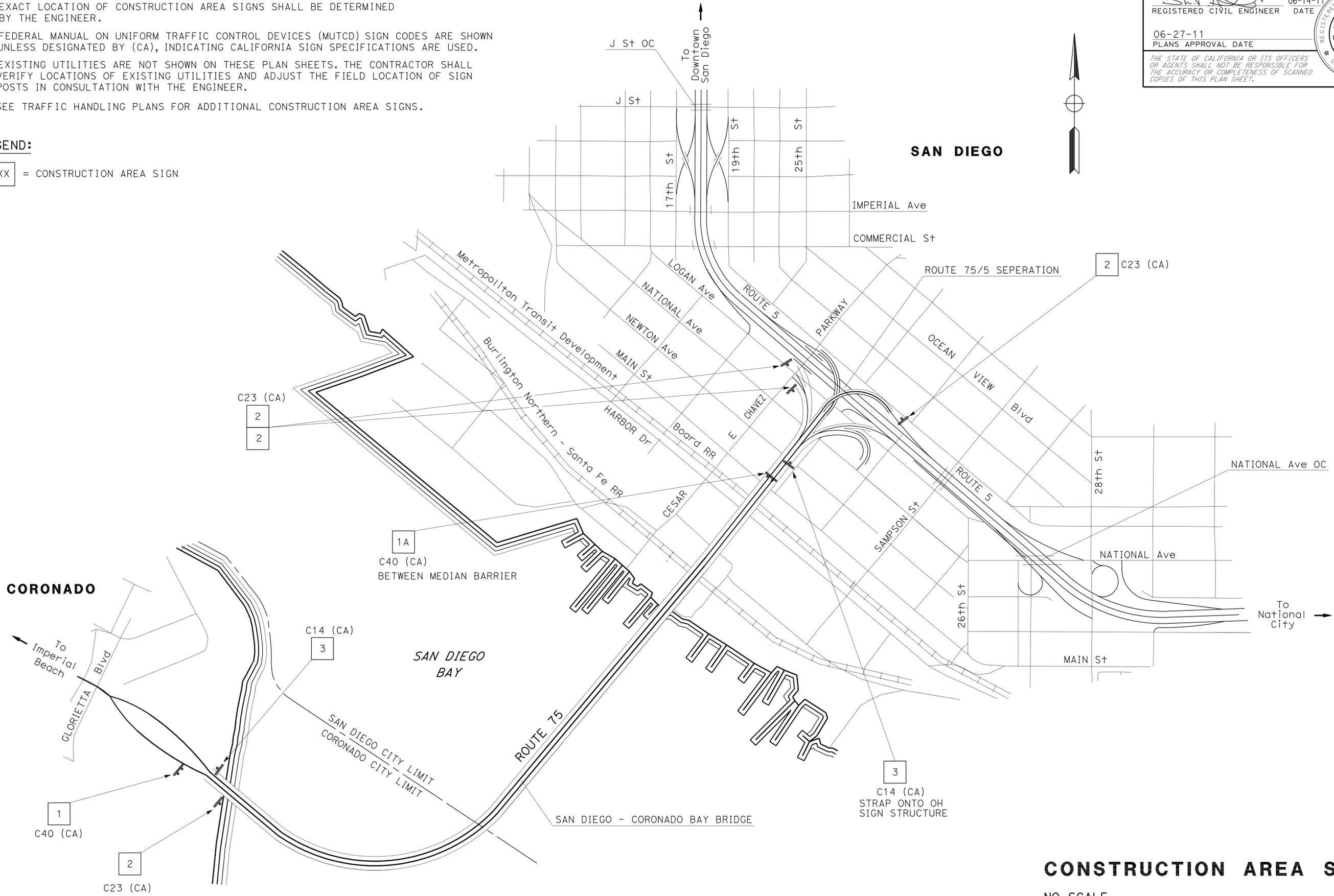
**NOTES:**

1. EXACT LOCATION OF CONSTRUCTION AREA SIGNS SHALL BE DETERMINED BY THE ENGINEER.
2. FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SIGN CODES ARE SHOWN UNLESS DESIGNATED BY (CA), INDICATING CALIFORNIA SIGN SPECIFICATIONS ARE USED.
3. EXISTING UTILITIES ARE NOT SHOWN ON THESE PLAN SHEETS. THE CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING UTILITIES AND ADJUST THE FIELD LOCATION OF SIGN POSTS IN CONSULTATION WITH THE ENGINEER.
4. SEE TRAFFIC HANDLING PLANS FOR ADDITIONAL CONSTRUCTION AREA SIGNS.

**LEGEND:**

XX = CONSTRUCTION AREA SIGN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CHECKED BY	REVISOR	DATE
<b>Caltrans</b>	CAMILLE ABOUFADDEL	SHAHIN ADIBI	THANH NGUYEN	
	TRAFFIC DESIGN			



**CONSTRUCTION AREA SIGNS**  
NO SCALE  
**CS-1**

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

LAST REVISION DATE PLOTTED => 01-JUL-2011 TIME PLOTTED => 14:03



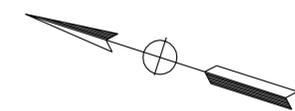
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11	SD	75	R20.49/R21.9	4	15

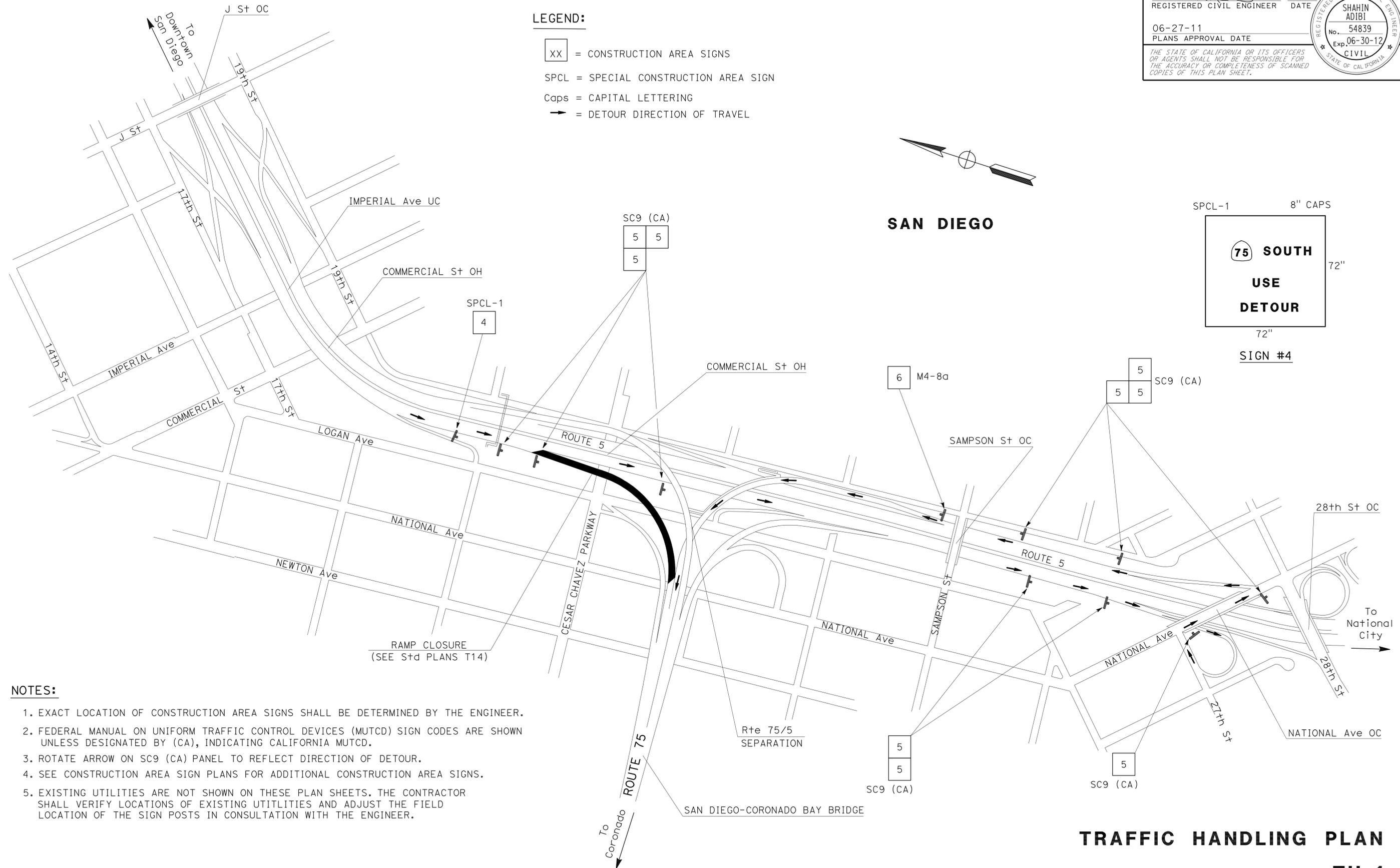
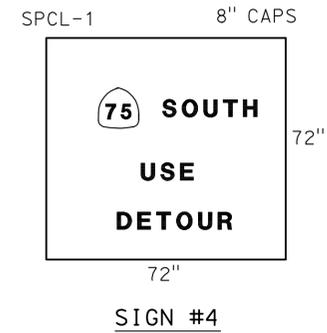
REGISTERED CIVIL ENGINEER	DATE	06-14-11
		
06-27-11 PLANS APPROVAL DATE		
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>		

**LEGEND:**

- XX = CONSTRUCTION AREA SIGNS
- SPCL = SPECIAL CONSTRUCTION AREA SIGN
- Caps = CAPITAL LETTERING
- = DETOUR DIRECTION OF TRAVEL



**SAN DIEGO**



**NOTES:**

1. EXACT LOCATION OF CONSTRUCTION AREA SIGNS SHALL BE DETERMINED BY THE ENGINEER.
2. FEDERAL MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SIGN CODES ARE SHOWN UNLESS DESIGNATED BY (CA), INDICATING CALIFORNIA MUTCD.
3. ROTATE ARROW ON SC9 (CA) PANEL TO REFLECT DIRECTION OF DETOUR.
4. SEE CONSTRUCTION AREA SIGN PLANS FOR ADDITIONAL CONSTRUCTION AREA SIGNS.
5. EXISTING UTILITIES ARE NOT SHOWN ON THESE PLAN SHEETS. THE CONTRACTOR SHALL VERIFY LOCATIONS OF EXISTING UTILITIES AND ADJUST THE FIELD LOCATION OF THE SIGN POSTS IN CONSULTATION WITH THE ENGINEER.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	REVISOR	DATE
<b>Caltrans</b> TRAFFIC DESIGN	CAMILLE ABOUFADEL	THANH NGUYEN	06-27-11
		SHAHIN ADIBI	
	CHECKED BY	DESIGNED BY	DATE

APPROVED FOR TRAFFIC HANDLING WORK ONLY

**TRAFFIC HANDLING PLAN**  
**TH-1**

NO SCALE

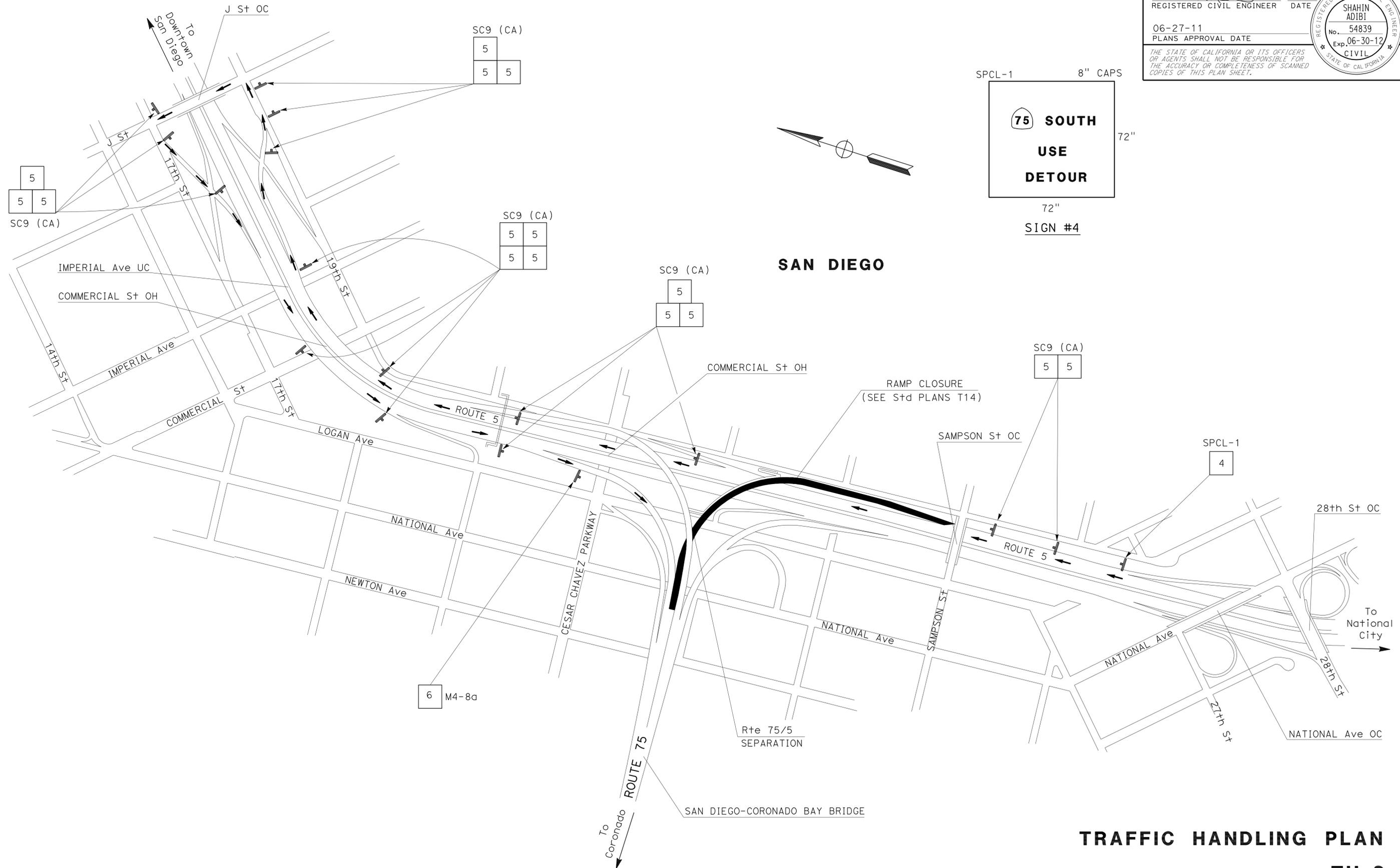
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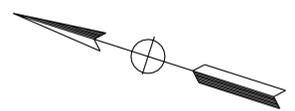
06-14-11  
 REGISTERED CIVIL ENGINEER DATE  
 06-27-11  
 PLANS APPROVAL DATE  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER  
 SHAHIN ADIBI  
 No. 54839  
 Exp. 06-30-12  
 CIVIL  
 STATE OF CALIFORNIA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
<b>Caltrans</b> TRAFFIC DESIGN
FUNCTIONAL SUPERVISOR CAMILLE ABOUFADEL
CALCULATED/DESIGNED BY CHECKED BY
THANH NGUYEN SHAHIN ADIBI
REVISED BY DATE REVISED



SPCL-1 8" CAPS  
 72" x 72"  
**75 SOUTH USE DETOUR**  
 SIGN #4



**SAN DIEGO**

**TRAFFIC HANDLING PLAN**  
**TH-2**

APPROVED FOR TRAFFIC HANDLING WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	75	R20.49/R21.9	6	15

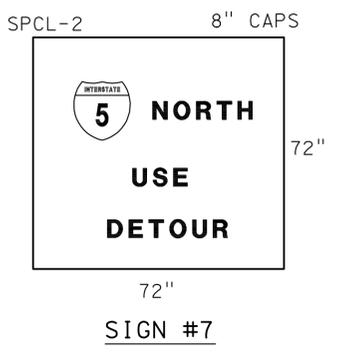
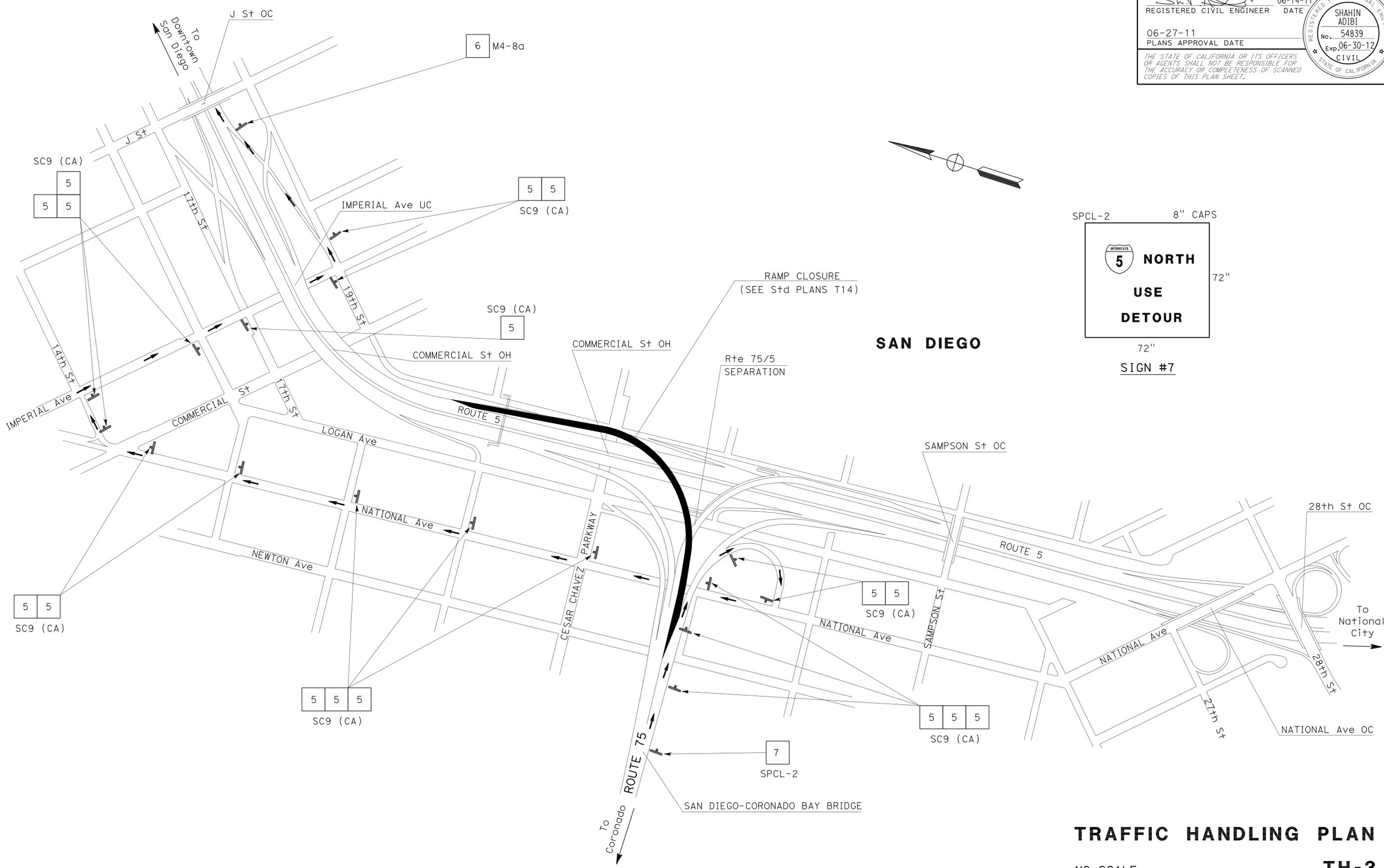
  

REGISTERED CIVIL ENGINEER	DATE	06-14-11
06-27-11 PLANS APPROVAL DATE		
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.		

REGISTERED PROFESSIONAL ENGINEER	No.	54839
SHAHIN ADIBI	Exp.	06-30-12
CIVIL		

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	REVISOR	DATE
<b>Caltrans</b> TRAFFIC DESIGN	CAMILLE ABOUFADEL	THANH NGUYEN	06-27-11
		SHAHIN ADIBI	
	CHECKED BY	DESIGNED BY	DATE



APPROVED FOR TRAFFIC HANDLING WORK ONLY

**TRAFFIC HANDLING PLAN**  
**TH-3**

NO SCALE

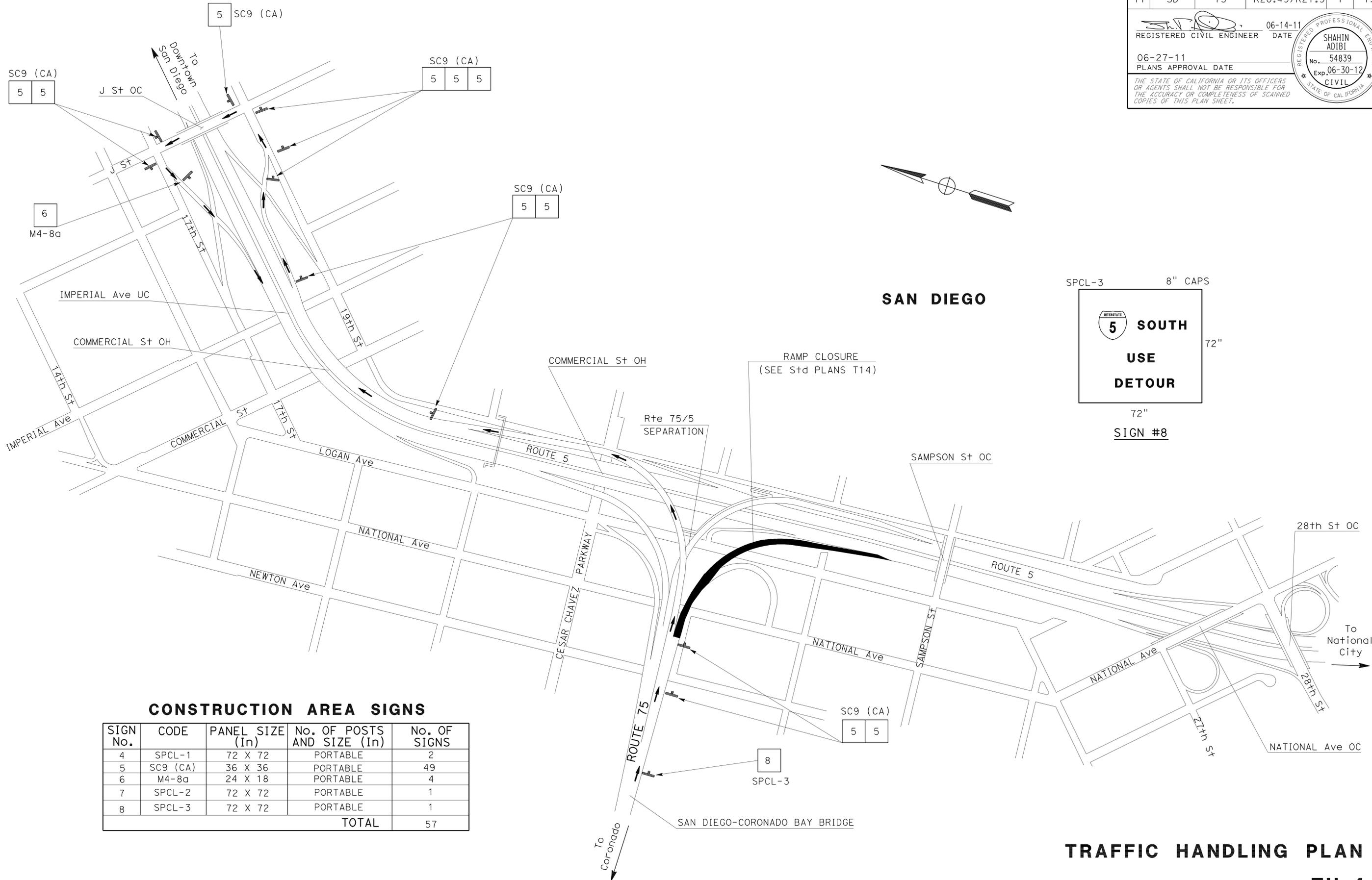
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Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	75	R20.49/R21.9	7	15

REGISTERED CIVIL ENGINEER DATE 06-14-11  
 06-27-11 PLANS APPROVAL DATE  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

REGISTERED PROFESSIONAL ENGINEER  
 SHAHIN ADIBI  
 No. 54839  
 Exp. 06-30-12  
 CIVIL  
 STATE OF CALIFORNIA

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** TRAFFIC DESIGN  
 FUNCTIONAL SUPERVISOR: CAMILLE ABOUFADEL  
 CALCULATED/DESIGNED BY: [blank] CHECKED BY: [blank]  
 THANH NGUYEN SHAHIN ADIBI  
 REVISED BY: [blank] DATE REVISED: [blank]



**CONSTRUCTION AREA SIGNS**

SIGN No.	CODE	PANEL SIZE (In)	No. OF POSTS AND SIZE (In)	No. OF SIGNS
4	SPCL-1	72 X 72	PORTABLE	2
5	SC9 (CA)	36 X 36	PORTABLE	49
6	M4-8a	24 X 18	PORTABLE	4
7	SPCL-2	72 X 72	PORTABLE	1
8	SPCL-3	72 X 72	PORTABLE	1
TOTAL				57

APPROVED FOR TRAFFIC HANDLING WORK ONLY

**TRAFFIC HANDLING PLAN**  
 NO SCALE  
**TH-4**

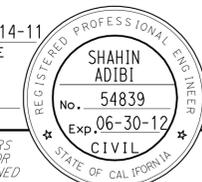
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 06-16-11 TIME PLOTTED => 14:04

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	75	R20.49/R21.9	8	15

 06-14-11  
 REGISTERED CIVIL ENGINEER DATE

06-27-11  
 PLANS APPROVAL DATE

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**NOTE:** 1. REPLACE PAVEMENT DELINEATION IN KIND, UNLESS INDICATED OTHERWISE.

**REMOVE PAVEMENT MARKER (N)**

LOCATION	ROUTE	POSTMILE	BRIDGE No.	DETAIL	EA	
					TYPE A	TYPE G
PIER 30 TO PIER 21	SB Rte 75	R21.9	57-0857	13	320	80
PIER 18 TO ABUT 1	↓	↓ R20.49	↓	13	610	153
ABUT 1 TO PIER 18	NB Rte 75	R20.49	57-0857	13	610	153
PIER 21 TO PIER 30	↓	↓ R21.9	↓	13	320	80
<b>TOTAL</b>					1860	466

(N) NOT A SEPERATE PAY ITEM, FOR INFORMATION ONLY.

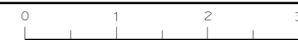
**REMOVE PAINTED TRAFFIC STRIPE**

LOCATION	ROUTE	POSTMILE	BRIDGE No.	DETAIL	LF
PIER 30 TO PIER 21	SB Rte 75	R21.9	57-0857	11	943
PIER 18 TO ABUT 1	↓	↓ R20.49	↓	11	1828.50
ABUT 1 TO PIER 18	NB Rte 75	R20.49	57-0857	11	1828.50
PIER 21 TO PIER 30	↓	↓ R21.9	↓	11	943
<b>TOTAL</b>					5543.00

**PAVEMENT DELINEATION QUANTITIES**

**PDQ-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** TRAFFIC DESIGN  
 FUNCTIONAL SUPERVISOR: CAMILLE ABOUFADEL  
 CALCULATED/DESIGNED BY: THANH NGUYEN  
 CHECKED BY: SHAHIN ADIBI  
 REVISED BY: DATE REVISED



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	75	R20.49/R21.9	9	15

 06-14-11  
 REGISTERED CIVIL ENGINEER DATE

06-27-11  
 PLANS APPROVAL DATE

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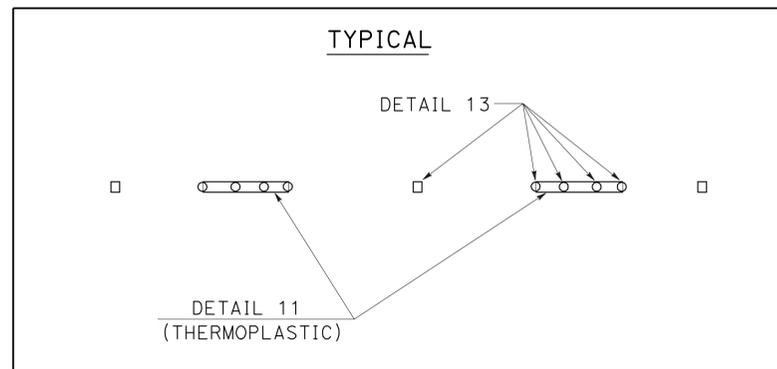
REGISTERED PROFESSIONAL ENGINEER  
 SHAHIN ADIBI  
 No. 54839  
 Exp. 06-30-12  
 CIVIL  
 STATE OF CALIFORNIA

**NOTE:** 1. REPLACE PAVEMENT DELINEATION IN KIND, UNLESS INDICATED OTHERWISE.

LOCATION				DETAIL No.	LENGTH (LF) (N)	PAVEMENT MARKER SUMMARY		TRAFFIC STRIPE SUMMARY	REMARKS
ROUTE	DESCRIPTION	POSTMILE	BRIDGE No.			NON- REFLECTIVE	RETROREFLECTIVE	THERMOPLASTIC (LF)	
						(EA) TYPE A	(EA) TYPE G	4" (BROKEN 36 - 12)	
75	PIER 30 TO PIER 21	R21.9	57-0857	11/13	1,886	320	80	3,772	
75	PIER 18 TO ABUT 1	R20.49	↓	11/13	3,656	610	153	7,314	
75	ABUT 1 TO PIER 18	R20.49	57-0857	11/13	3,656	610	153	7,314	
75	PIER 21 TO PIER 30	R21.9	↓	11/13	1,886	320	80	3,772	
<b>TOTAL</b>						1,860	466	22,172	

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

**DETAIL 11/13**



**PAVEMENT DELINEATION QUANTITIES**  
**PDQ-2**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
11	SD	75	R20.5/R21.9	10	15

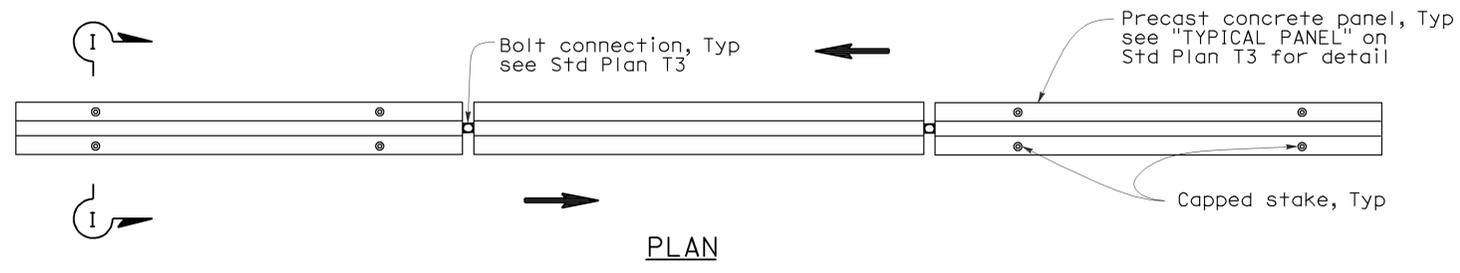
Randell D. Hiatt  
REGISTERED CIVIL ENGINEER

May 20, 2011  
PLANS APPROVAL DATE

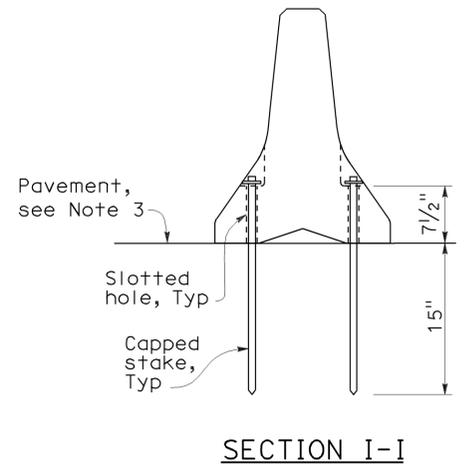
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REGISTERED PROFESSIONAL ENGINEER  
Randell D. Hiatt  
No. C50200  
Exp. 6-30-11  
CIVIL  
STATE OF CALIFORNIA

To accompany plans dated 06-27-11

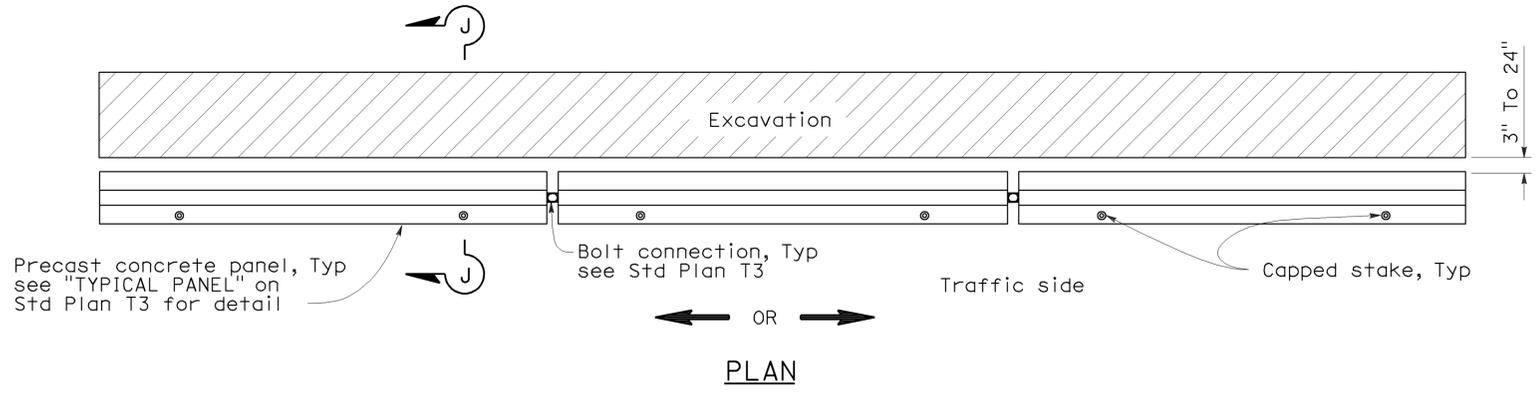


**RAILING STAKING CONFIGURATION FOR TWO-WAY TRAFFIC**  
See Note 1

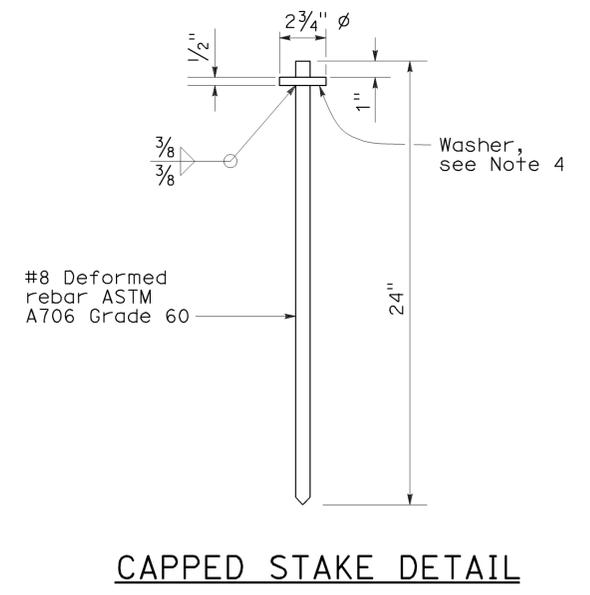
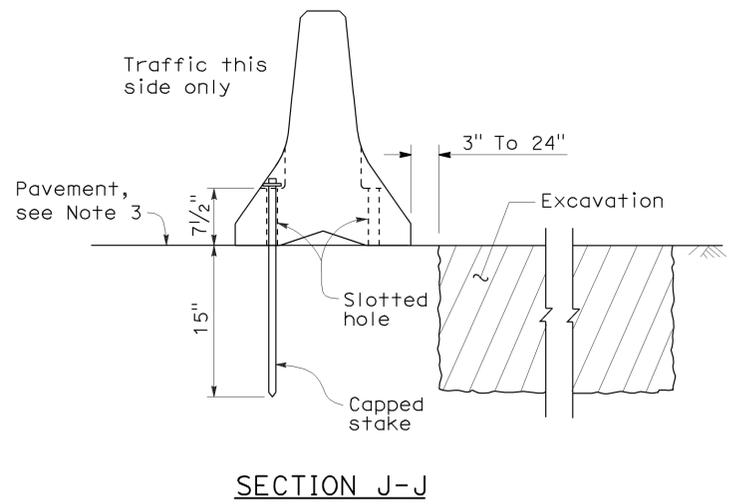


**NOTES:**

1. Where Type K Temporary Railing is placed as a temporary or long term barrier in two-way traffic on highways with less than 24" from the edge of traveled way, use four capped stakes per every other panel with end panels staked.
2. Where Type K Temporary Railing is placed 3" to 24" from the edge of an excavation on highways, use two capped stakes per panel along the traffic side.
3. Staked Type K Temporary Railing must be supported by at least 4" thick concrete, hot mix asphalt or existing asphalt concrete pavement.
4. The minimum yield strength for the washer must be 60,000 psi.
5. Direction of adjacent traffic indicated by  $\Rightarrow$ .



**RAILING STAKING CONFIGURATION ADJACENT TO AN EXCAVATION**  
See Note 2



STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**TEMPORARY RAILING  
(TYPE K)**

NO SCALE

NSP T3A DATED MAY 20, 2011 SUPPLEMENTS  
THE STANDARD PLANS BOOK DATED MAY 2006.

**NEW STANDARD PLAN NSP T3A**

2006 NEW STANDARD PLAN NSP T3A

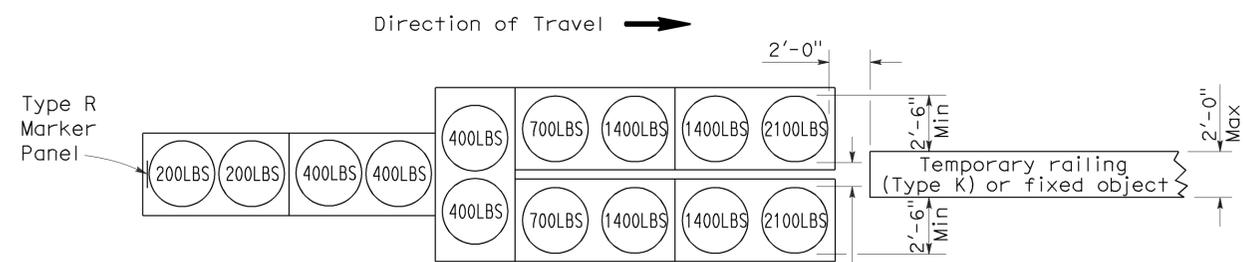
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
11	SD	75	R20.5/R21.9	11	15

*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

June 6, 2008  
PLANS APPROVAL DATE

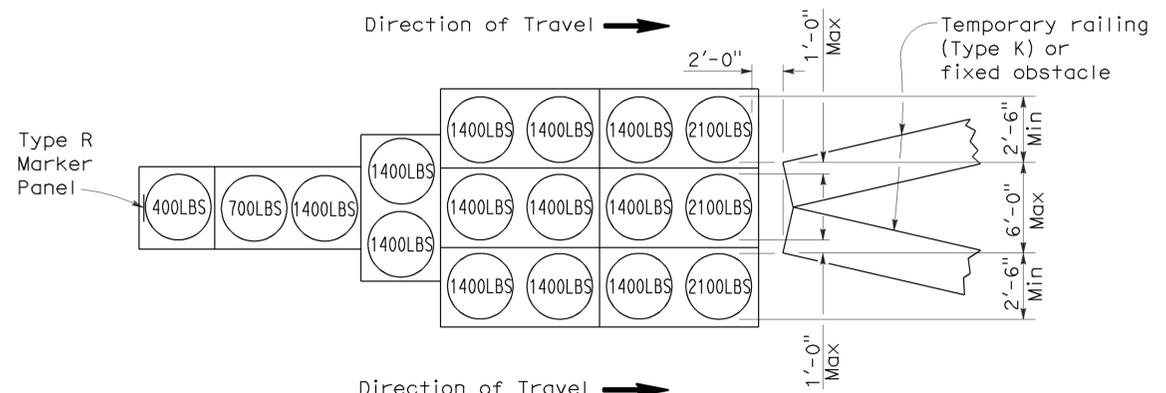
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To accompany plans dated 06-27-11



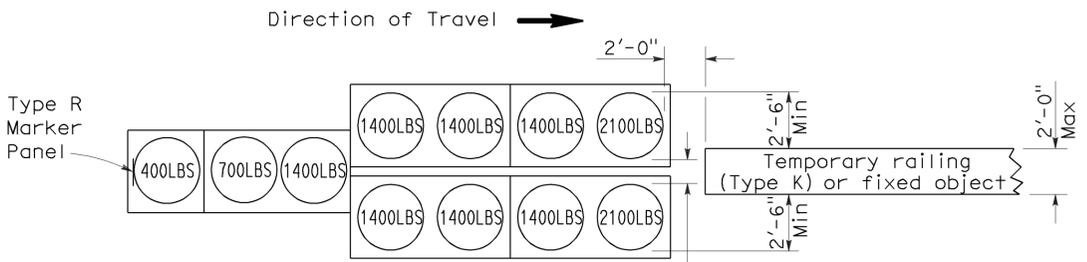
**ARRAY 'TU14'**

Approach speed 45 mph or more



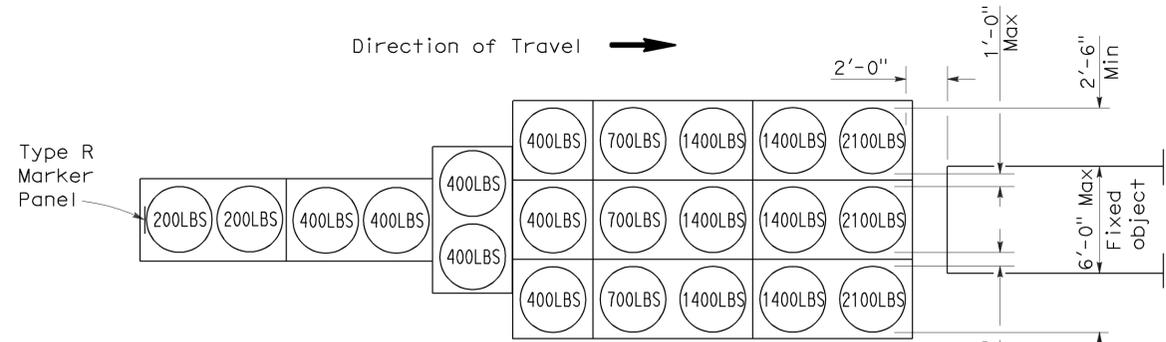
**ARRAY 'TU17'**

Approach speed less than 45 mph



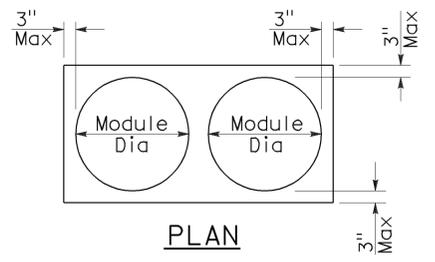
**ARRAY 'TU11'**

Approach speed less than 45 mph

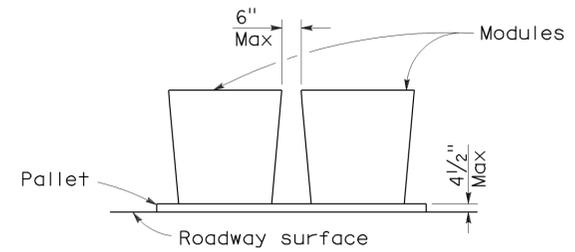


**ARRAY 'TU21'**

Approach speed 45 mph or more



**PLAN**



**ELEVATION**

**CRASH CUSHION PALLET DETAIL**

See Note 7

**NOTES:**

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

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CRASH CUSHION,  
SAND FILLED  
(UNIDIRECTIONAL)**

NO SCALE

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

**REVISED STANDARD PLAN RSP T1A**

2006 REVISED STANDARD PLAN RSP T1A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
11	SD	75	R20.5/R21.9	12	15

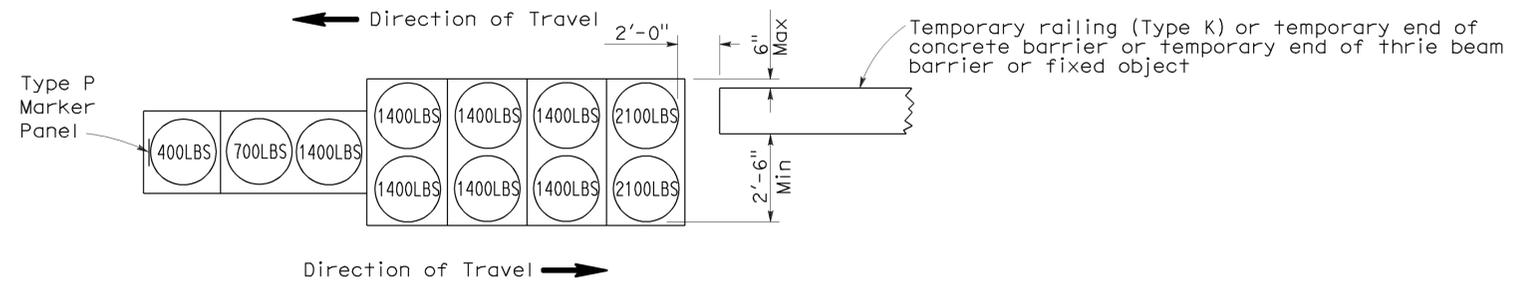
*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

June 6, 2008  
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.*

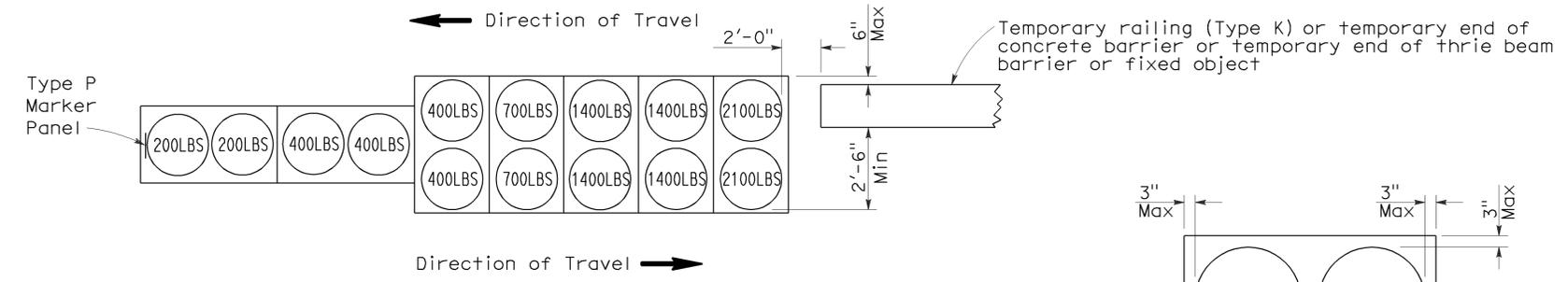
REGISTERED PROFESSIONAL ENGINEER  
Randell D. Hiatt  
No. C50200  
Exp. 6-30-09  
CIVIL  
STATE OF CALIFORNIA

To accompany plans dated 06-27-11



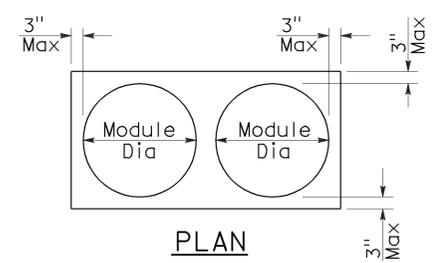
**ARRAY 'TB11'**

Approach speed less than 45 mph

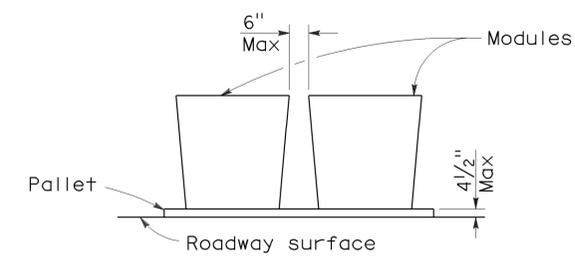


**ARRAY 'TB14'**

Approach speed 45 mph or more



**PLAN**



**ELEVATION**

**CRASH CUSHION PALLET DETAIL**

See Note 7

**NOTES:**

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

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CRASH CUSHION,  
SAND FILLED  
(BIDIRECTIONAL)**

NO SCALE

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

**REVISED STANDARD PLAN RSP T1B**

2006 REVISED STANDARD PLAN RSP T1B

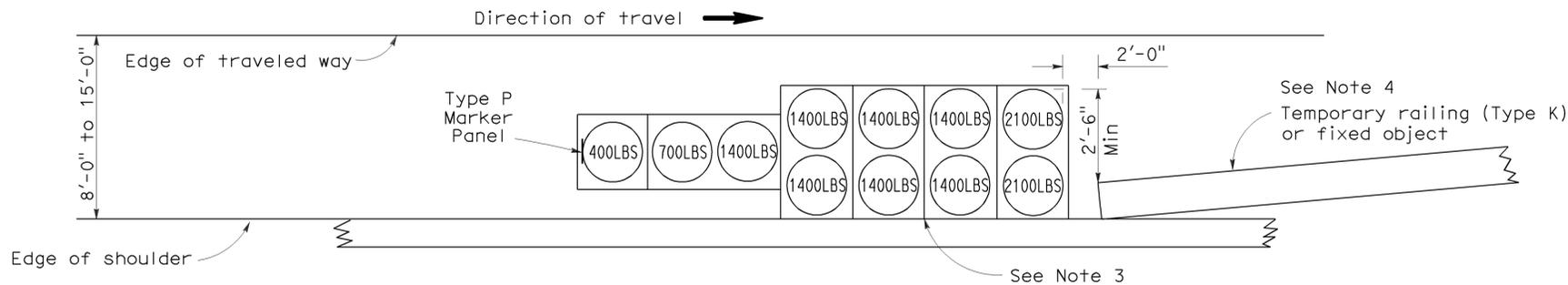
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
11	SD	75	R20.5/R21.9	13	15

*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

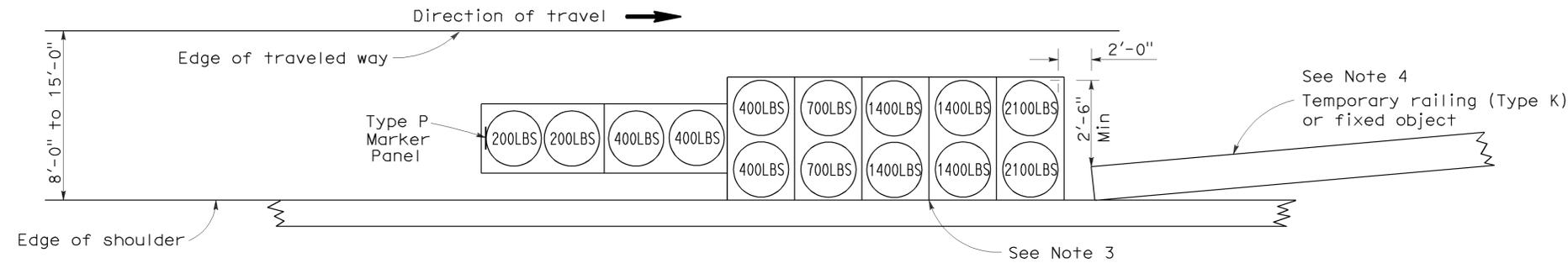
June 6, 2008  
PLANS APPROVAL DATE

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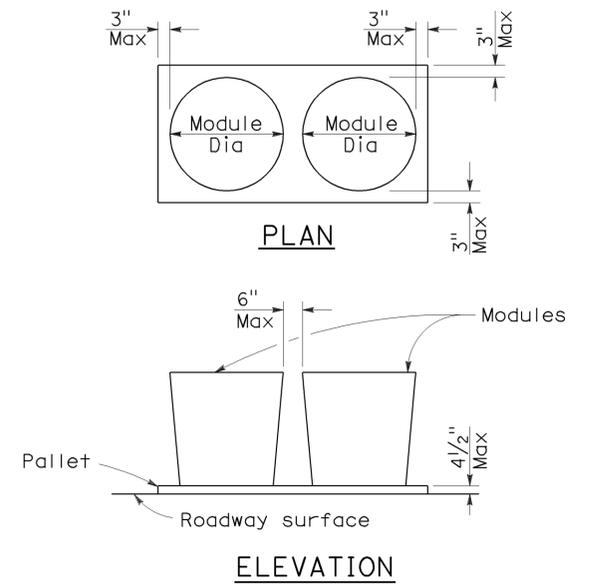
REGISTERED PROFESSIONAL ENGINEER  
Randell D. Hiatt  
No. C50200  
Exp. 6-30-09  
CIVIL  
STATE OF CALIFORNIA



**ARRAY 'TS11'**  
Approach speed less than 45 mph  
See Note 9



**ARRAY 'TS14'**  
Approach speed 45 mph or more  
See Note 9



**CRASH CUSHION PALLET DETAIL**  
See Note 11

**NOTES:**

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

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**TEMPORARY CRASH CUSHION,  
SAND FILLED  
(SHOULDER INSTALLATIONS)**

NO SCALE  
RSP T2 DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T2  
DATED MAY 1, 2006 - PAGE 213 OF THE STANDARD PLANS BOOK DATED MAY 2006.

**REVISED STANDARD PLAN RSP T2**

2006 REVISED STANDARD PLAN RSP T2

**STANDARD PLANS DATED MAY 2006**

SHEET NO.	TITLE
A10A	ACRONYMS AND ABBREVIATIONS (SHEET 1 OF 2)
A10B	ACRONYMS AND ABBREVIATIONS (SHEET 2 OF 2)
A10C	SYMBOLS (SHEET 1 OF 2)
A10D	SYMBOLS (SHEET 2 OF 2)



Indicates limits of clean and treat existing bridge deck with high molecular weight methacrylate. Prior to bridge deck treatment, remove unsound concrete and patch with rapid setting concrete.

**INDEX TO PLANS**

SHEET NO.	TITLE
1	GENERAL PLAN
2	MISCELLANEOUS DETAILS

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
11	SD	75	R20.5/R21.9	14	15

10/18/10  
REGISTERED CIVIL ENGINEER DATE

06-27-11  
PLANS APPROVAL DATE

YINH DUC L. DANG  
No. C65096  
Exp. 09/30/11  
CIVIL  
STATE OF CALIFORNIA

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QUANTITIES

REMOVE UNSOUND CONCRETE	435	CF
CLEAN BRIDGE DECK	346,560	SQFT
RAPID SETTING CONCRETE (PATCH)	435	CF
TREAT BRIDGE DECK	346,560	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	4,335	GAL
PUBLIC SAFETY PLAN	LUMP	SUM

**CORONADO**

San Diego Bay

**SAN DIEGO**

**SAN DIEGO-CORONADO BAY BRIDGE**

Br No. 57-0857, Rte 75, PM R20.49  
1" = 300'

NOTE:  
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

<p>TONY D. BRAKE DESIGN ENGINEER</p>	DESIGN	BY Vinh Dang	CHECKED Tony Brake	LOAD FACTOR DESIGN	BY Tom Dang	LIVE LOADING: HS20-44 AND ALTERNATIVE PERMIT DESIGN LOAD	STATE OF CALIFORNIA	DIVISION OF MAINTENANCE	BRIDGE NO. 57-0857	<p><b>SAN DIEGO-CORONADO BAY BRIDGE</b> <b>GENERAL PLAN</b></p>
	DETAILS	BY Tom Dang	CHECKED Vinh Dang	LAYOUT	BY Tom Dang	CHECKED Vinh Dang	DEPARTMENT OF TRANSPORTATION	STRUCTURE MAINTENANCE DESIGN	POST MILE R20.5	
	QUANTITIES	BY Vinh Dang	CHECKED Tony Brake	SPECIFICATIONS	BY Rebecca Franti	PLANS AND SPECS COMPARED Rebecca Franti	CU 11235 EA 403401	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 10/25/05)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

0 1 2 3

7-08-10 8-08-10 10-16-10

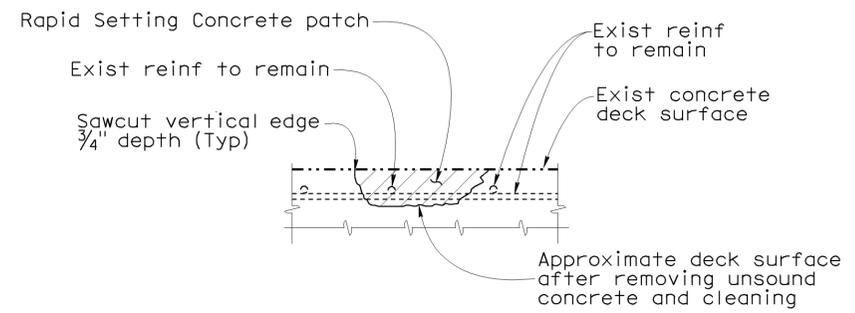
SHEET 01 OF 02

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DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No	TOTAL SHEETS
11	SD	75	R20.5/R21.9	15	15
			10/18/10		
			REGISTERED CIVIL ENGINEER		
			06-27-11		
			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.		



DECK REPAIR TABLE			
REMOVE UNSOUND CONCRETE AND RAPID SETTING CONCRETE (PATCH)			
BRIDGE NAME	BRIDGE NUMBER	APPROXIMATE AREA DAMAGED (%)	APPROXIMATE DEPTH (INCHES)
San Diego-Coronado Bay Bridge	57-0857	0.5	3



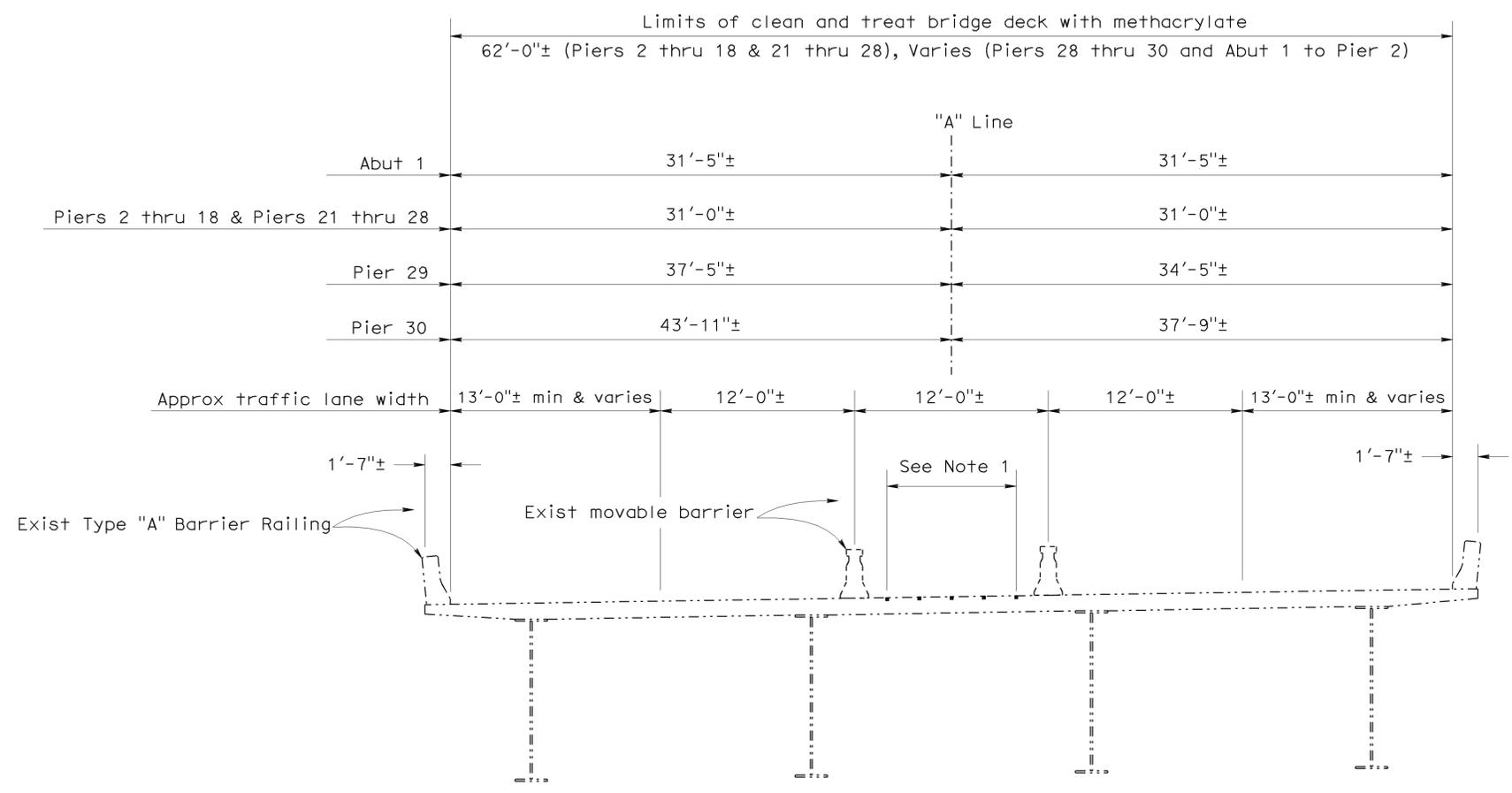
**DECK DAMAGE REPAIR DETAIL**

Location will be determined by the Engineer. Reinforcement may be encountered during deck concrete removal and is to remain undamaged.

**DECK REPAIR NOTES:**

- Existing reinforcement shall be protected in place during unsound concrete removal and patching operations.
- It is responsibility of the Contractor to repair any reinforcement that is accidentally cut by saw cutting operations.
- When existing transverse reinforcement is exposed in the deck surface, saw cutting may be waived with the approval of the Engineer.
- The saw cut depth shall not exceed 3/4 inch or the concrete cover over the top steel reinforcing bars, whichever is less.
- Remove unsound Portland Cement concrete and unsound concrete patches to expose sound, hard concrete substrate. Replace original deck surface with rapid setting concrete patch.

NOTE:  
THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.



**TYPICAL SECTION**

NO SCALE

**NOTES:**

- Existing guide wires (total 5 at center lane) embedded into deck to be covered (1 inch width, full length) from deck treatment material. Guide wires to be protected and undamaged.

STRUCTURES MAINTENANCE DETAIL SHEET (ENGLISH) (REV. 10/25/05)	DESIGN	BY Vinh Dang	CHECKED Tony Brake	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	57-0857	SAN DIEGO-CORONADO BAY BRIDGE MISCELLANEOUS DETAILS
	DETAILS	BY Tom Dang	CHECKED Vinh Dang			POST MILE	R20.5	
	QUANTITIES	BY Vinh Dang	CHECKED Tony Brake			CU 11235 EA 403401	REVISION DATES	
						DISREGARD PRINTS BEARING EARLIER REVISION DATES	02	02