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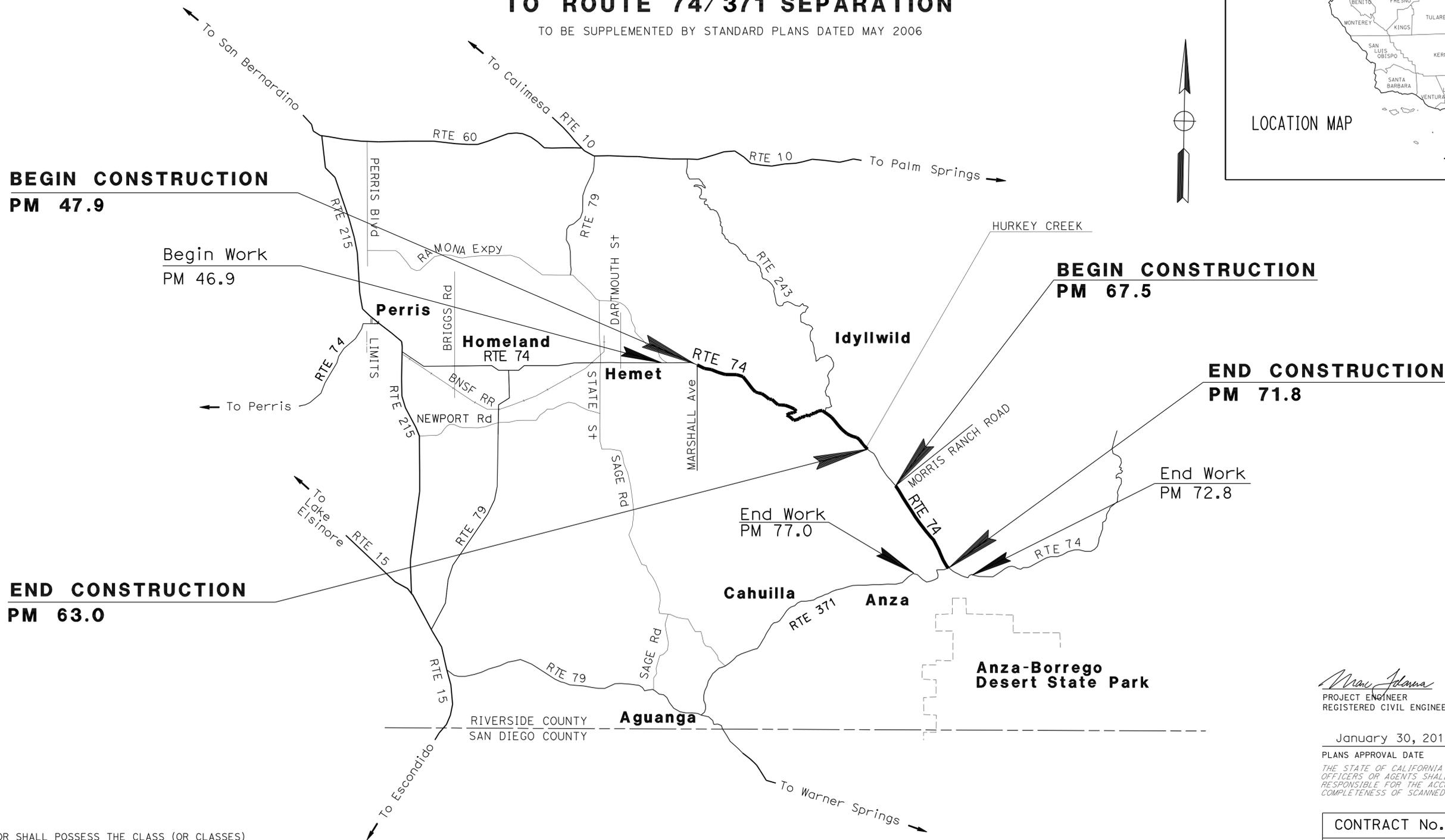
THE STANDARD PLANS LIST APPLICABLE TO THIS CONTRACT IS INCLUDED IN THE NOTICE TO BIDDERS AND SPECIAL PROVISIONS BOOK.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON  
STATE HIGHWAY  
IN RIVERSIDE COUNTY  
IN HEMET AND NEAR ANZA  
FROM MARSHALL AVENUE TO HURKEY CREEK BRIDGE  
AND FROM 0.4 MILE WEST OF MORRIS RANCH ROAD  
TO ROUTE 74/371 SEPARATION

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	74	47.9/63.0, 67.5/71.8	1	14



PROJECT MANAGER  
CATALINO PINING III

DESIGN ENGINEER  
MARC TALAVERA

*Marc Talavera* 1-30-12  
PROJECT ENGINEER DATE  
REGISTERED CIVIL ENGINEER



January 30, 2012  
PLANS APPROVAL DATE

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

CONTRACT No.	<b>08-OP9504</b>
PROJECT ID	<b>0800020043</b>

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

NO SCALE



USERNAME => s102458  
DGN FILE => 80p950ab001.dgn

DATE PLOTTED => 31-JAN-2012  
TIME PLOTTED => 08:33





Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	74	47.9/63.0, 67.5/71.8	4	14

<i>Marc Talavera</i>	1-30-12
REGISTERED CIVIL ENGINEER	DATE
1-30-12	
PLANS APPROVAL DATE	

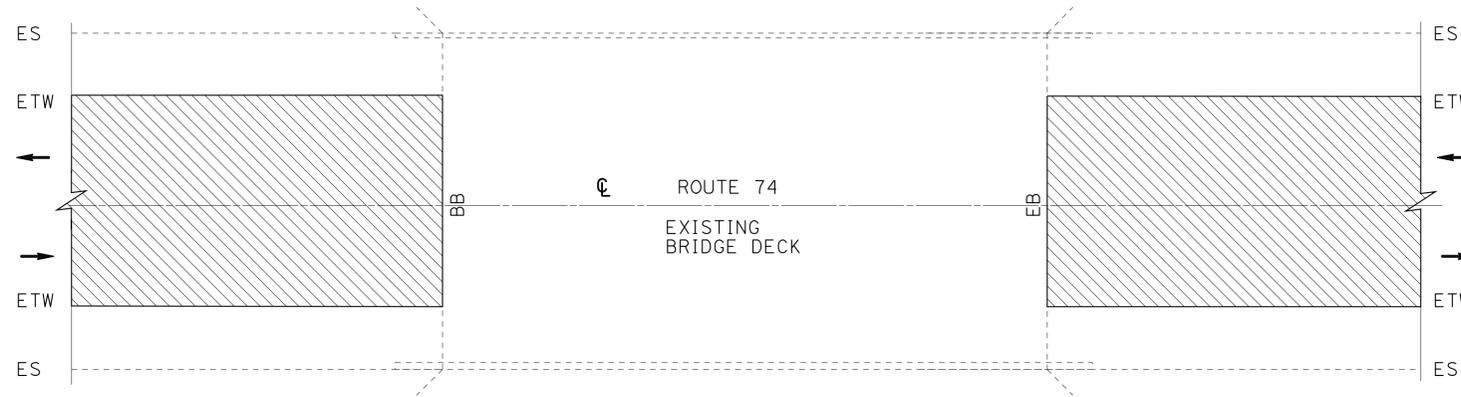
  

REGISTERED PROFESSIONAL ENGINEER
MARC TALAVERA
No. C70662
Exp. 6/30/13
CIVIL

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

**NOTE:**

1. NO WORK ON BRIDGE DECKS.



**TYPICAL LIMITS OF WORK AT BRIDGE DECK**

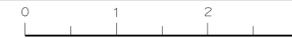
**CONSTRUCTION DETAILS**

NO SCALE

**C-2**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED-DESIGNED BY	REVISOR
<b>Caltrans</b> MAINTENANCE DESIGN	KUANG CHEN	CHECKED BY	MARC TALAVERA
			KUANG CHEN
			REVISOR
			DATE
			REVISOR
			DATE

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	74	47.9/63.0, 67.5/71.8	5	14

1-30-12  
 REGISTERED CIVIL ENGINEER DATE  
 1-30-12  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 MARC TALAVERA  
 No. C70662  
 Exp. 6/30/13  
 CIVIL  
 STATE OF CALIFORNIA

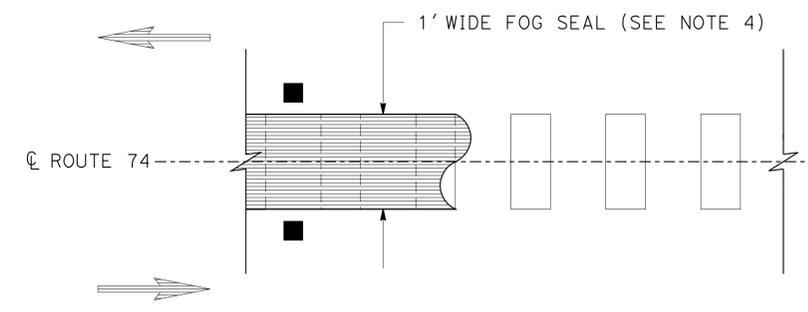
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**NOTES: (THIS SHEET ONLY)**

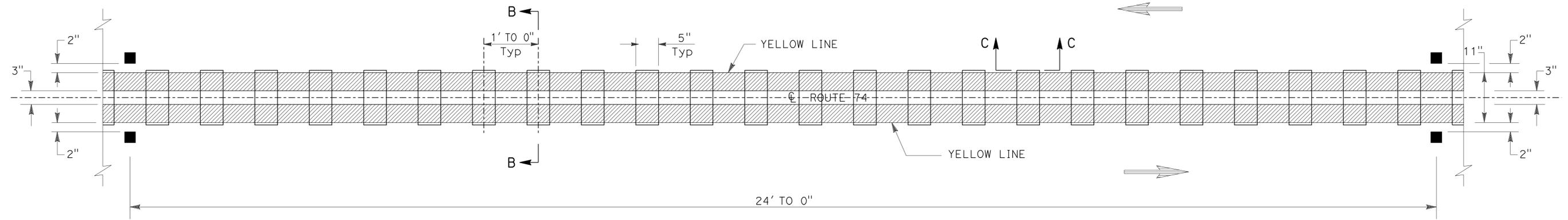
1. ALL WORK WITHIN STATE RIGHT OF WAY.
2. RUMBLE STRIP TO BE GROUND IN AFTER RHMA-G OVERLAY.
3. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLAN SHEETS.
4. APPLY FOG SEAL CONTINUOUSLY TO COMPLETELY COVER THE 1-FOOT WIDE GROUND-IN INDENTATION ALONG THE ROADWAY CENTERLINE.
5. ONLY PAVEMENT STRIPING DETAILS 22 AND 29 TO BE PLACED ON RUMBLE STRIP.

**LEGEND: (THIS SHEET ONLY)**

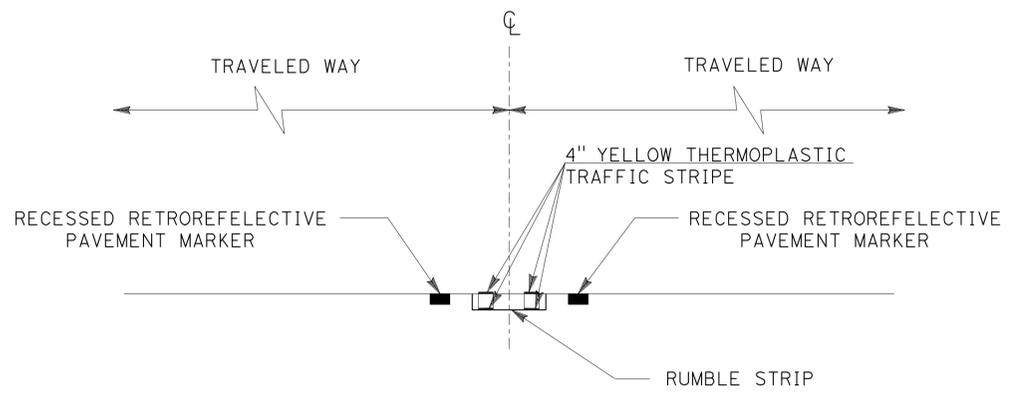
- TYPE D, TWO-WAY YELLOW RECESSED RETROREFLECTIVE
- ▨ 4" YELLOW THERMOPLASTIC TRAFFIC STRIPE TO BE STRIPED AFTER RUMBLE STRIP IS CONSTRUCTED.
- ▨ FOG SEAL
- ▭ CENTERLINE RUMBLE STRIP (AC, GROUND-IN INDENTATION)
- ➔ DIRECTION OF TRAVEL



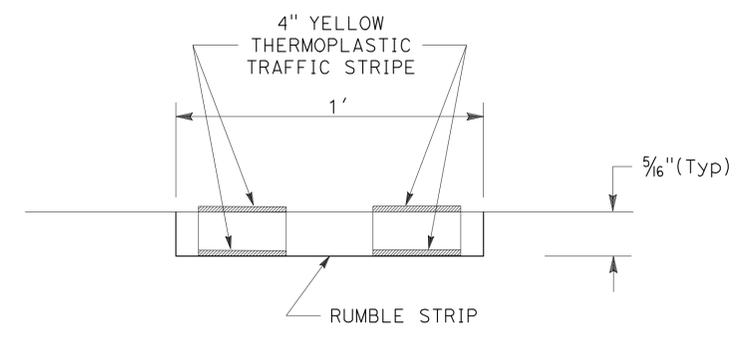
**FOG SEAL DETAIL**



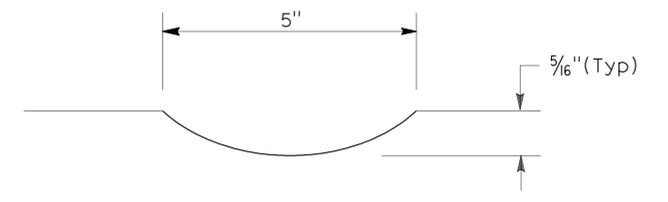
**PLAN VIEW  
CENTER LINE RUMBLE STRIP  
(AC GROUND-IN INDENTATIONS)  
ROUTE 74**



**TYPICAL CENTERLINE RUMBLE STRIP  
(AC GROUND-IN INDENTATIONS)**



**SECTION B-B**



**SECTION C-C**

**CONSTRUCTION DETAILS  
NO SCALE  
C-3**

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS

USERNAME => s102458  
DGN FILE => 80p950ga003.dgn



UNIT 2343

PROJECT NUMBER & PHASE

08000200431

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 Caltrans MAINTENANCE DESIGN  
 FUNCTIONAL SUPERVISOR: KUANG CHEN  
 CALCULATED/DESIGNED BY: KUANG CHEN  
 CHECKED BY: KUANG CHEN  
 REVISIONS BY: KUANG CHEN  
 DATE REVISED:

LAST REVISION: 01-30-12  
 DATE PLOTTED => 31-JAN-2012  
 TIME PLOTTED => 08:33

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	74	47.9/63.0, 67.5/71.8	6	14

*Marc Talavera* 1-30-12  
 REGISTERED CIVIL ENGINEER DATE  
 1-30-12  
 PLANS APPROVAL DATE

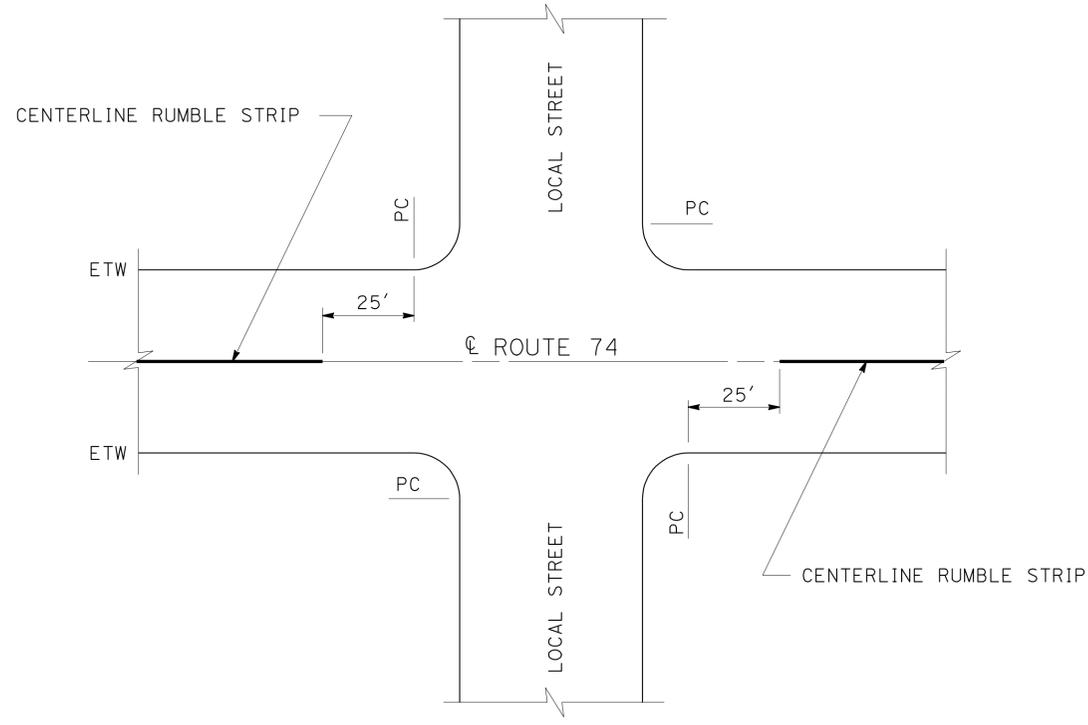
REGISTERED PROFESSIONAL ENGINEER  
**MARC TALAVERA**  
 No. C70662  
 Exp. 6/30/13  
 CIVIL  
 STATE OF CALIFORNIA

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

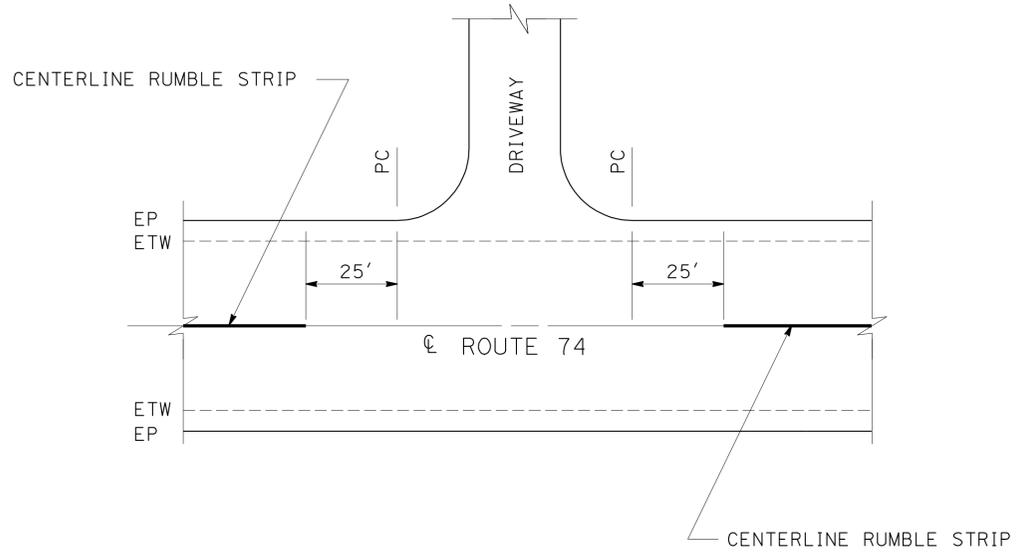
**NOTE:**

1. SEE SHEET Q-1 FOR CENTERLINE RUMBLE STRIP LIMITS.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	CALCULATED/DESIGNED BY	REVISOR
<b>Caltrans</b> MAINTENANCE DESIGN	KUANG CHEN	CHEN	MARC TALAVERA
		CHECKED BY	DATE
			REVISOR
			DATE
			REVISOR
			DATE



**LIMITS OF RUMBLE STRIP AT TYPICAL INTERSECTION**



**LIMITS OF RUMBLE STRIP AT TYPICAL DRIVEWAY**

**CONSTRUCTION DETAILS**

NO SCALE **C-4**

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	74	47.9/63.0, 67.5/71.8	7	14

1-30-12  
 REGISTERED CIVIL ENGINEER DATE  
 1-30-12  
 PLANS APPROVAL DATE

TRAN HOANG  
 No. C54996  
 Exp. 6/30/12  
 CIVIL

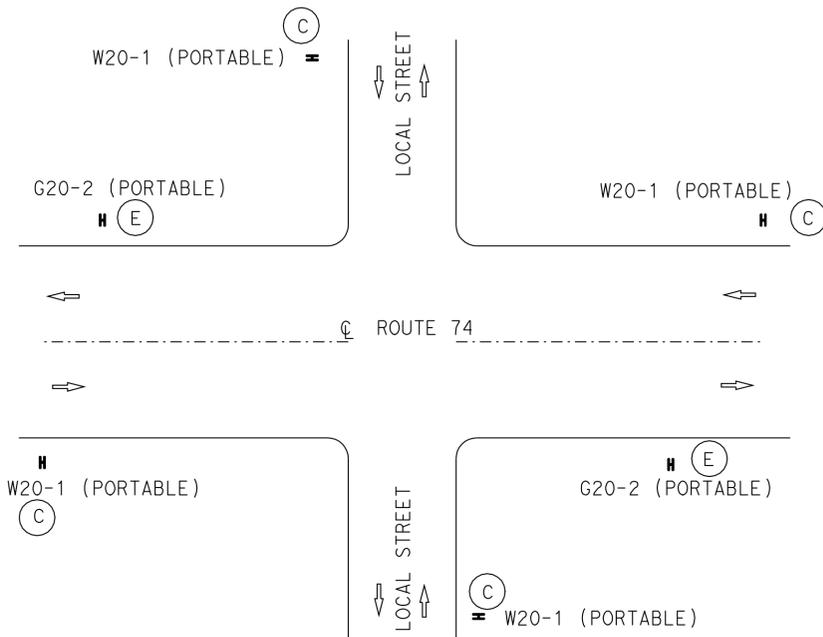
THE STATE OF CALIFORNIA OR ITS OFFICERS  
 OR AGENTS SHALL NOT BE RESPONSIBLE FOR  
 THE ACCURACY OR COMPLETENESS OF SCANNED  
 COPIES OF THIS PLAN SHEET.

**NOTES**

1. CONSTRUCTION AREA SIGN LOCATIONS SHOWN ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.
2. ALSO REFER TO STANDARD PLANS T11, T12, T13 FOR TRAFFIC CONTROL REQUIREMENTS WHEN LANE CLOSURES ARE REQUIRED.
3. PORTABLE CONSTRUCTION AREA SIGNS SHALL BE REQUIRED AT EACH LOCATION WHERE THE CONTRACTOR IS WORKING. NUMBER OF PORTABLE CONSTRUCTION AREA SIGNS DEPENDS ON THE NUMBER OF WORK LOCATIONS.
4. LOCATIONS OF PORTABLE CHANGEABLE MESSAGE SIGNS TO BE DETERMINED BY THE ENGINEER.

**LEGEND**

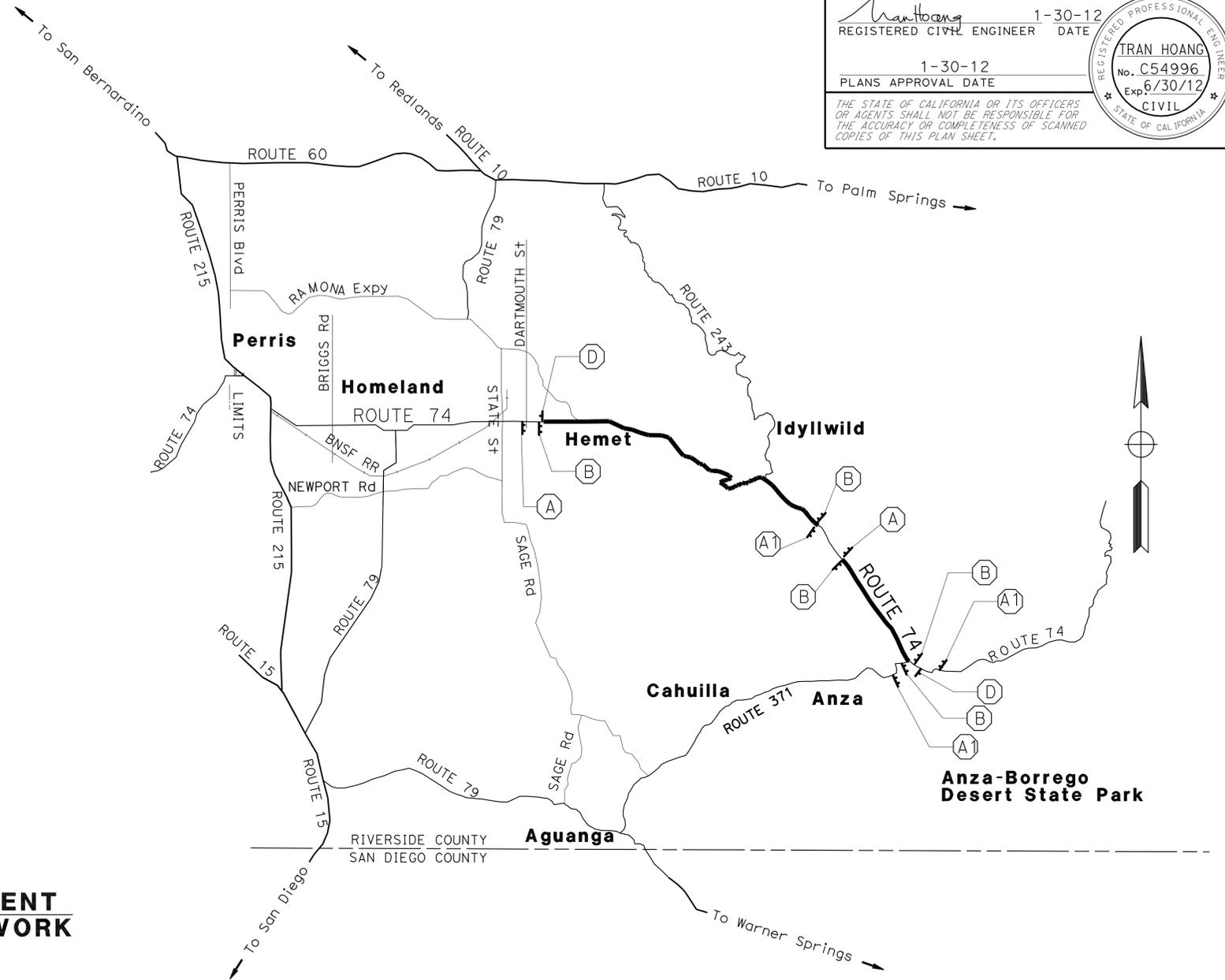
- PORTABLE CONSTRUCTION AREA SIGN
- ⇨ DIRECTION OF TRAFFIC



**TYPICAL PORTABLE CONSTRUCTION AREA SIGN PLACEMENT ON THE STATE HIGHWAY AND LOCAL STREET DURING WORK**

**STATIONARY CONSTRUCTION AREA SIGNS**

SIGN No.	SIGN CODE	PANEL SIZE	No. OF POSTS AND SIZE	SIGN MESSAGE	No. OF SIGNS
A	G20-1	60" x 36"	2- 4" X 6"	ROAD WORK NEXT 20 MILES	2
A1	G20-1	60" x 36"	2- 4" X 6"	ROAD WORK NEXT 5 MILES	3
B	C40	108" x 42"	2- 6" X 6"	TRAFFIC FINES DOUBLED IN CONSTRUCTION ZONES	5
C	W20-1	36" X 36"	PORTABLE	ROAD WORK AHEAD	SEE NOTE 3
D	G20-2	36" X 18"	1- 4" X 4"	END ROAD WORK	2
E	G20-2	36" X 18"	PORTABLE	END ROAD WORK	SEE NOTE 3



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

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	74	47.9/63.0, 67.5/71.8	8	14

 1-30-12  
 REGISTERED CIVIL ENGINEER DATE

1-30-12  
 PLANS APPROVAL DATE

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 THE ACCURACY OR COMPLETENESS OF SCANNED  
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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** TRAFFIC DESIGN  
 FUNCTIONAL SUPERVISOR LARRY SARTORI  
 CALCULATED/DESIGNED BY CHECKED BY  
 TRAN HOANG VU TRAN  
 REVISED BY DATE REVISED

**PAVEMENT DELINEATION QUANTITIES**

LOCATION	DETAIL No. OR PAVEMENT MARKING	PAVEMENT MARKER			THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)	
		RETROREFLECTIVE RECESSED TYPE			4" YELLOW	4" WHITE
		H EA	D EA	G EA	FT	FT
FROM PM 47.9 TO PM 71.8	6		182		8660	
FROM PM 47.9 TO PM 71.8	12			217		10349
FROM PM 47.9 TO PM 71.8	19	1084	543		25976	
FROM PM 47.9 TO PM 71.8	22		5600		67160	
FROM PM 47.9 TO PM 71.8	24				1848	
FROM PM 47.9 TO PM 71.8	27B					204864
FROM PM 47.9 TO PM 71.8	29		240		2852	
SUBTOTAL		1084	6565	217	106496	215213
TOTAL			7866			321709

**PAVEMENT DELINEATION  
 QUANTITIES**  
**PDQ-1**

LAST REVISION | DATE PLOTTED => 31-JAN-2012  
 01-30-12 | TIME PLOTTED => 08:33

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	74	47.9/63.0, 67.5/71.8	9	14

*Marc Talavera* 1-30-12  
 REGISTERED CIVIL ENGINEER DATE  
 1-30-12  
 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.

**REPLACE ASPHALT CONCRETE SURFACING**

DIRECTION	POST MILE *	DIMENSIONS (N)	VOLUME
		L' x W' x D'	CY
EASTBOUND	52.10	100 x 14 x 0.35	18.1
	55.50	1200 x 28 x 0.35	435.6
	59.30	13 x 7 x 0.35	1.2
	59.31	10 x 10 x 0.35	1.3
	59.36	30 x 10 x 0.35	3.9
	59.95	600 x 2 x 0.35	15.6
	60.30	10 x 2 x 0.35	0.3
	60.32	25 x 2 x 0.35	0.6
	60.34	40 x 2 x 0.35	1.0
	60.51	30 x 5 x 0.35	1.9
	60.55	10 x 5 x 0.35	0.6
	60.56	13 x 12 x 0.35	2.0
	61.68	12 x 4 x .35	0.6
	62.80	8 x 3 x 0.35	0.3
	63.00	20 x 2 x 0.35	0.5
	67.50	750 x 2 x 0.35	19.4
WESTBOUND	67.50	750 x 2 x 0.35	19.4
	60.95	3 x 3 x 0.35	0.1
	60.75	30 x 2 x 0.35	0.8
	60.74	30 x 2 x 0.35	0.8
	60.10	600 x 2 x 0.35	15.6
	55.75	1200 x 14 x 0.35	217.8
TOTAL			757.4

(\*) EXACT LOCATIONS AND DIMENSIONS OF REPLACE AC SURFACING TO BE DETERMINED BY THE ENGINEER.  
 (N) NOT A SEPARATE ITEM. FOR INFORMATION ONLY.

**ADJUST WATER VALVE COVER TO GRADE**

DIRECTION	POST MILE	WATER VALVE (EA)
EASTBOUND	47.9/48.5	1
TOTAL		1

**PAVEMENT QUANTITIES**

POST MILE	COLD PLANE AC PAVEMENT	TACK COAT	RHMA (GAP GRADED)	HMA (+) TYPE A	HMA TYPE A (RAS)
	SQYD	TON	TON	TON	TON
47.9/53.46	126,599.2	52.7	10,451.3		
53.46/63.0	143,237.1	62.9		13,702.6	
67.5/69.8	87,760.0	31.0		2746.9	
69.8/71.8					2388.7
TOTAL	357,596.3	146.6	10,451.3	16,445.5	2388.7

(+) THIS QUANTITY OF HMA-A IS FOR OVERLAY ONLY.

**CENTERLINE RUMBLE STRIP  
(GROUND- IN INDENTATIONS)**

POST MILE	STA
47.9/63.0	797.3
67.5/71.8	227.1
TOTAL	1024.4

**SUMMARY OF QUANTITIES  
Q-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** MAINTENANCE DESIGN  
 FUNCTIONAL SUPERVISOR: KUANG CHEN  
 CALCULATED/DESIGNED BY: KUANG CHEN  
 REVISOR: KUANG CHEN  
 DATE REVISOR:

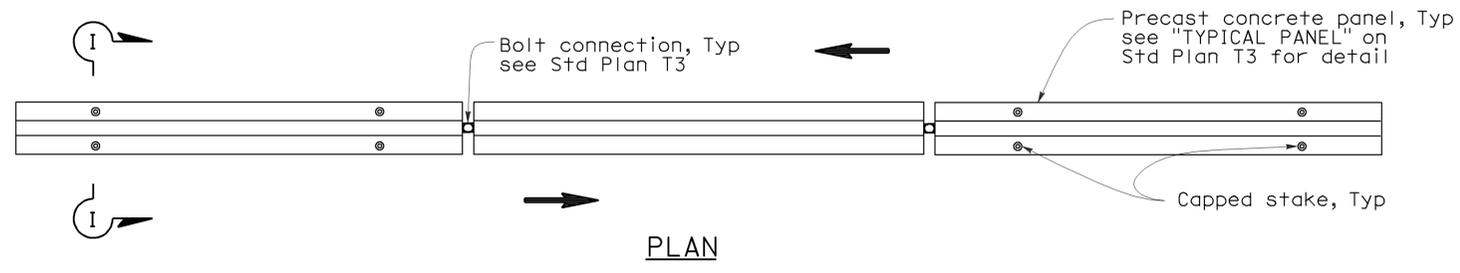
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
08	Riv	74	47.9/63.0, 67.5/71.8	10	14

*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

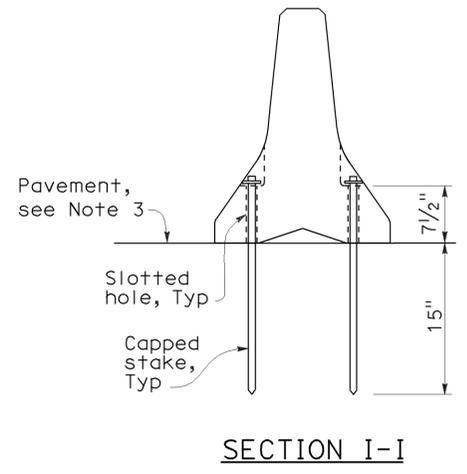
May 20, 2011  
PLANS APPROVAL DATE

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To accompany plans dated 1-30-12



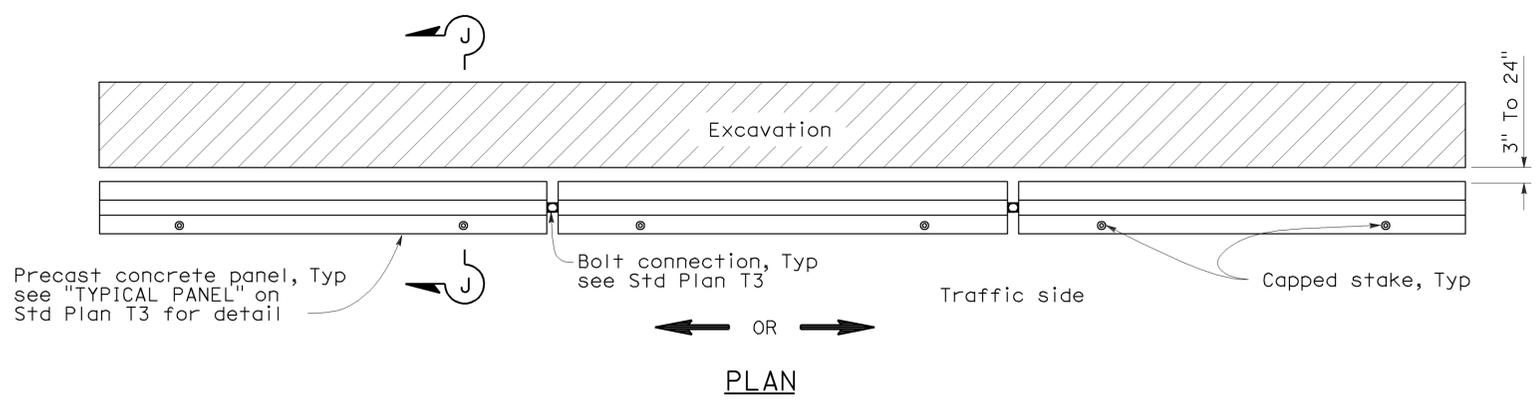
**RAILING STAKING CONFIGURATION FOR TWO-WAY TRAFFIC**  
See Note 1



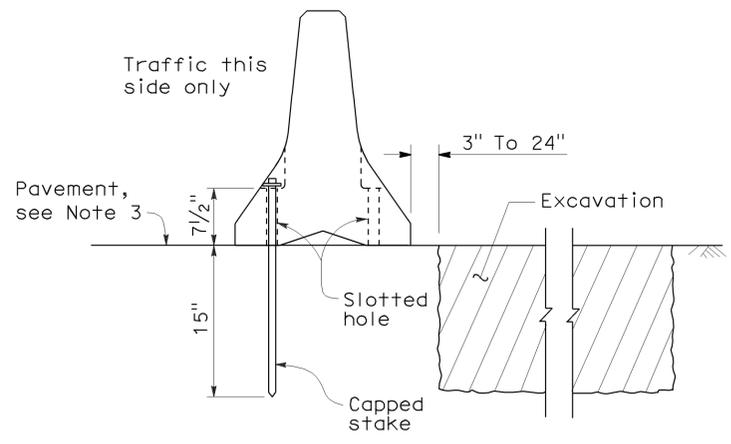
**SECTION I-I**

**NOTES:**

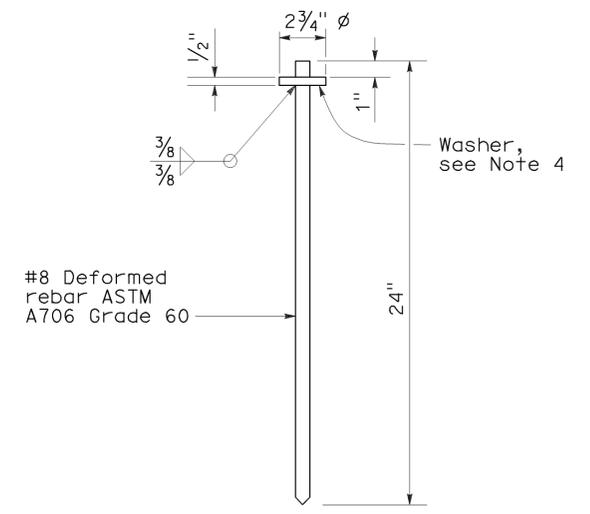
1. Where Type K Temporary Railing is placed as a temporary or long term barrier in two-way traffic on highways with less than 24" from the edge of traveled way, use four capped stakes per every other panel with end panels staked.
2. Where Type K Temporary Railing is placed 3" to 24" from the edge of 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



**SECTION J-J**



**CAPPED STAKE DETAIL**

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

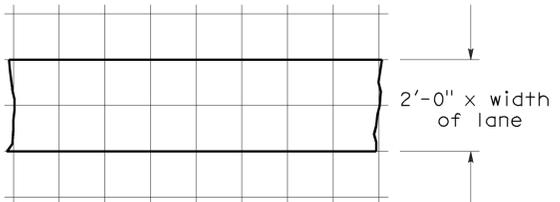
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv	74	47.9/63.0, 67.5/71.8	11	14

Donald E. Howe  
 REGISTERED CIVIL ENGINEER  
 June 6, 2008  
 PLANS APPROVAL DATE

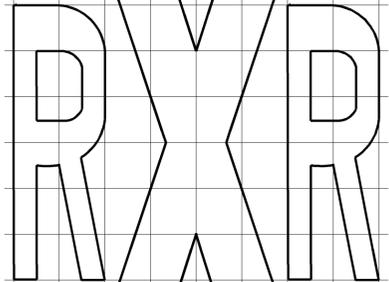
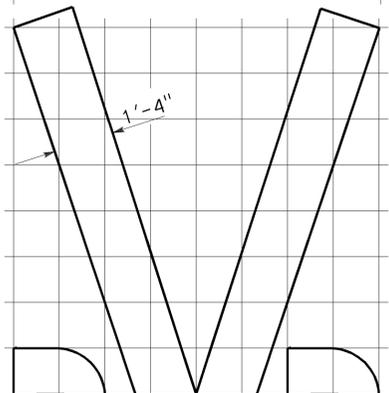
REGISTERED PROFESSIONAL ENGINEER  
 Donald E. Howe  
 No. C46402  
 Exp. 3-31-09  
 CIVIL  
 STATE OF CALIFORNIA

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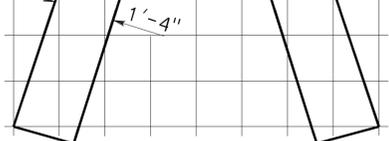
To accompany plans dated 1-30-12



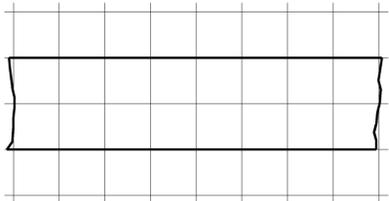
8'-0"



20'-0"



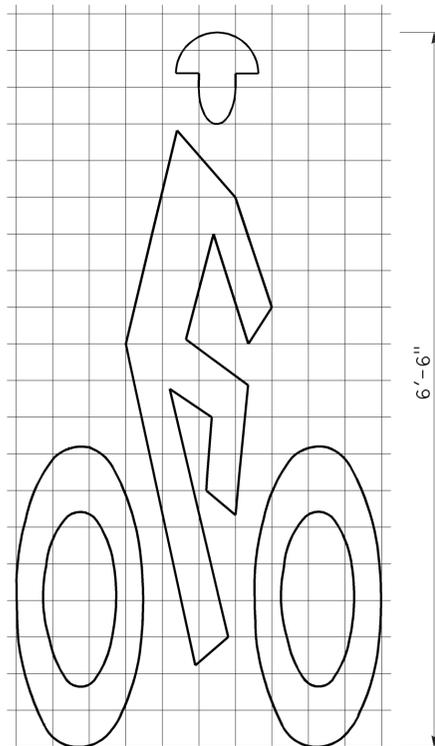
14'-0"



1'-0" GRID  
A=70 sq ft \*

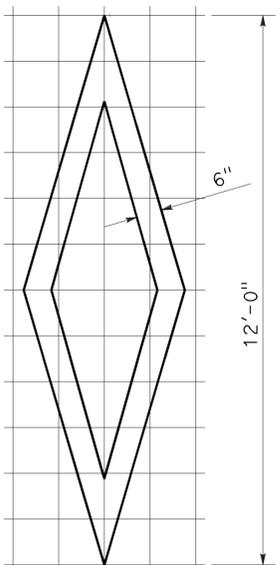
**RAILROAD CROSSING SYMBOL**

\*70 sq ft DOES NOT INCLUDE THE 2'-0" x VARIABLE WIDTH TRANSVERSE LINES.



A=7 sq ft

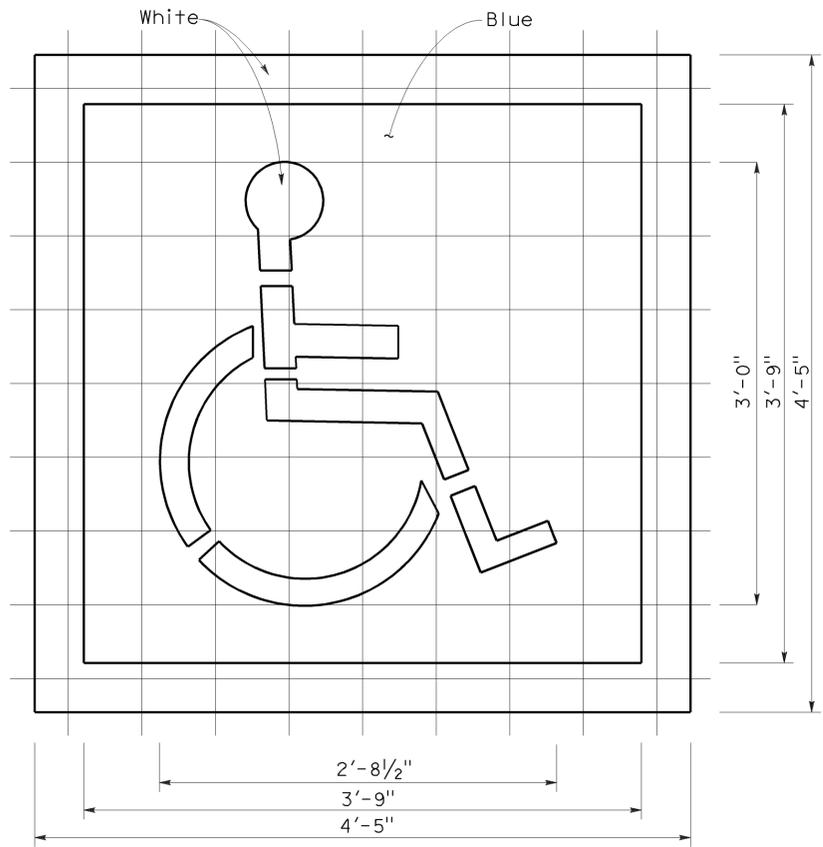
**BIKE LANE SYMBOL**



1'-0" GRID  
3'-3"

A=11 sq ft

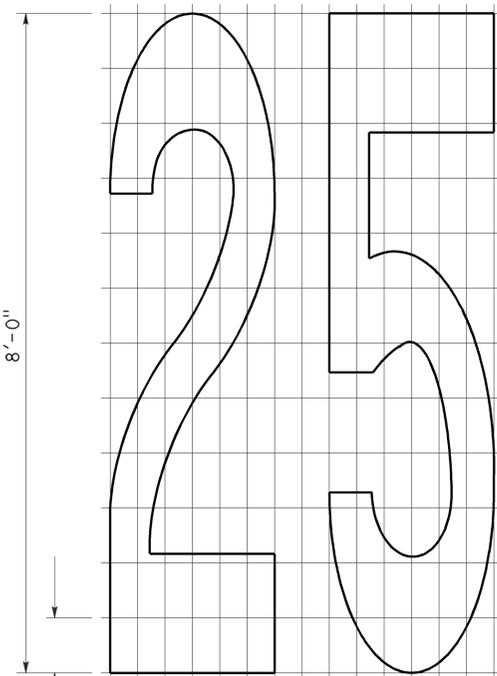
**DIAMOND SYMBOL**



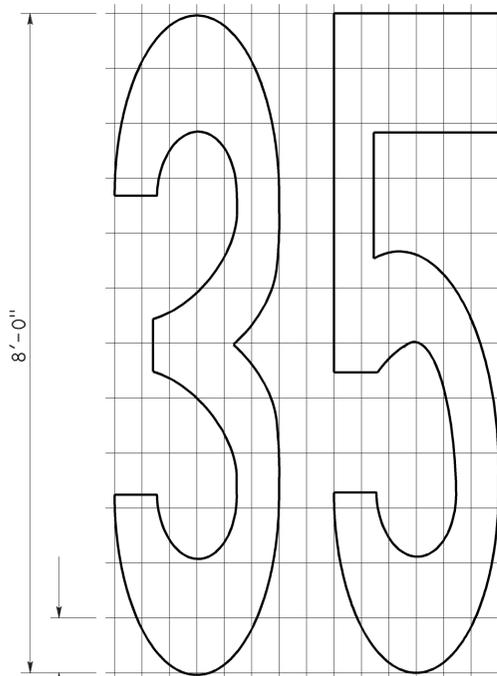
6" GRID

A (White) = 9 sq ft  
A (Blue) = 14 sq ft

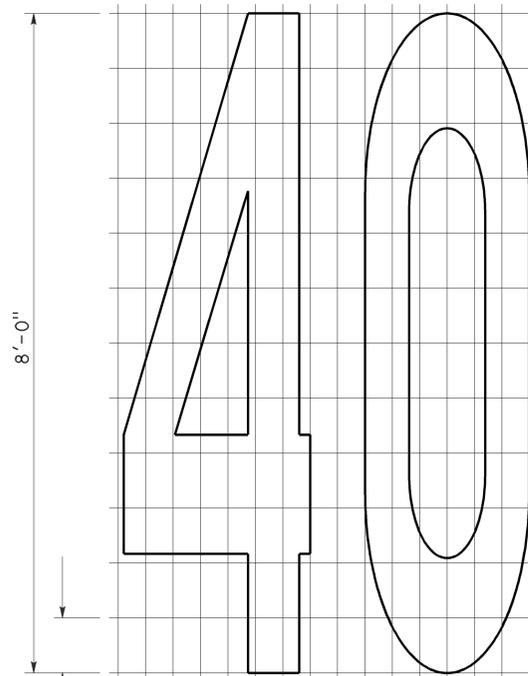
**INTERNATIONAL SYMBOL OF ACCESSIBILITY MARKING**



A=17.5 sq ft

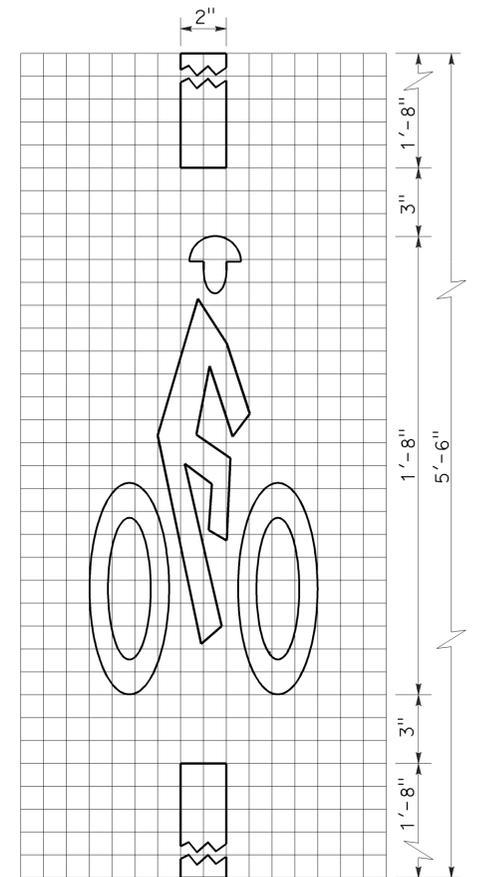


A=16.5 sq ft



A=19.5 sq ft

**NUMERALS**



A=2 sq ft

**BICYCLE LOOP DETECTOR SYMBOL**

**NOTE:**

1. Minor variations in dimensions may be accepted by the Engineer.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**PAVEMENT MARKINGS SYMBOLS AND NUMERALS**

NO SCALE

RSP A24C DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN A24C DATED MAY 1, 2006 - PAGE 11 OF THE STANDARD PLANS BOOK DATED MAY 2006.

**REVISED STANDARD PLAN RSP A24C**

2006 REVISED STANDARD PLAN RSP A24C

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv	74	47.9/63.0, 67.5/71.8	12	14

*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

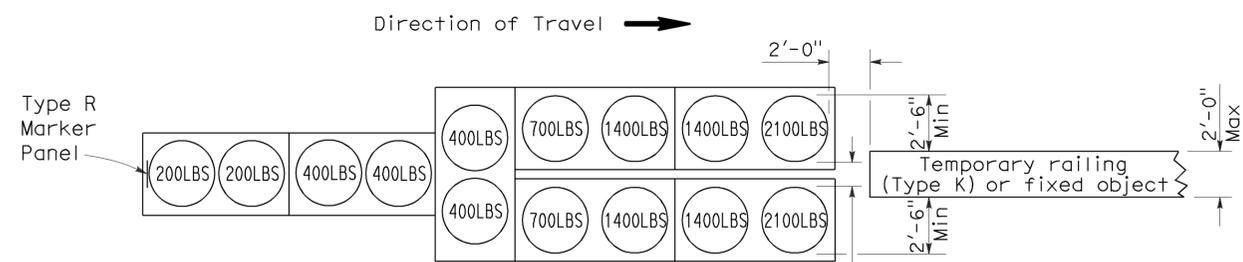
June 6, 2008  
PLANS APPROVAL DATE

*Randell D. Hiatt*  
No. C50200  
Exp. 6-30-09  
CIVIL  
STATE OF CALIFORNIA

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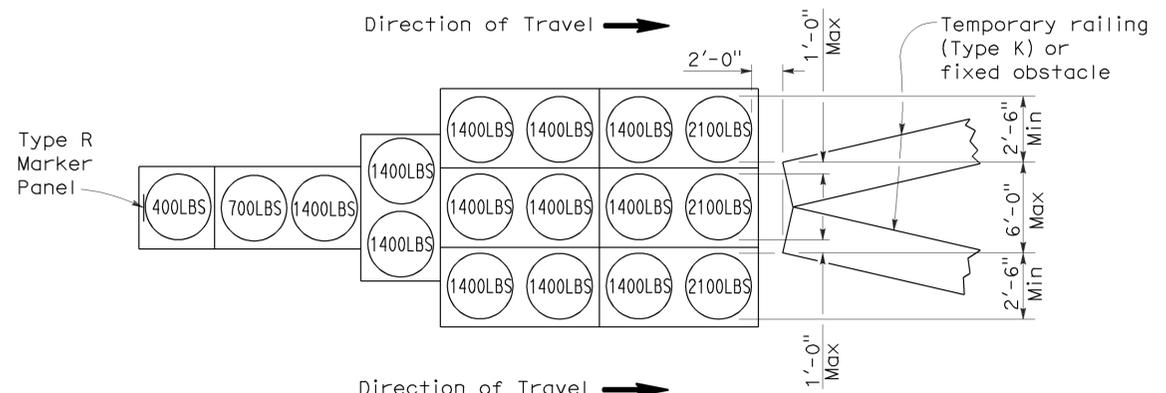
To accompany plans dated 1-30-12

2006 REVISED STANDARD PLAN RSP T1A



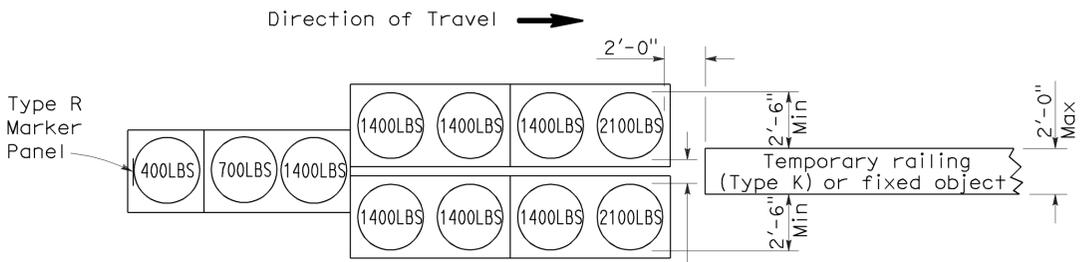
**ARRAY 'TU14'**

Approach speed 45 mph or more



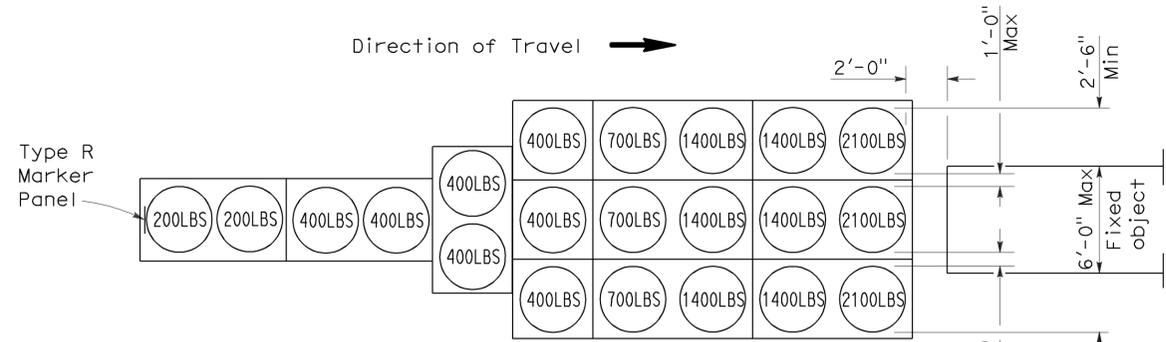
**ARRAY 'TU17'**

Approach speed less than 45 mph



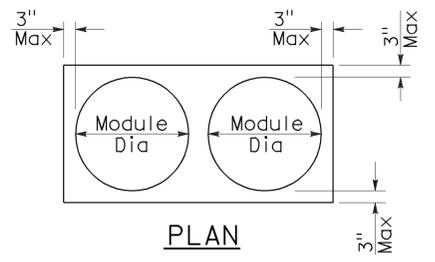
**ARRAY 'TU11'**

Approach speed less than 45 mph

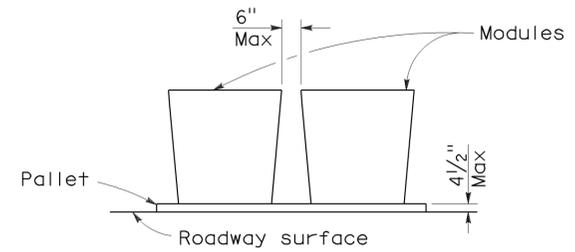


**ARRAY 'TU21'**

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**

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv	74	47.9/63.0, 67.5/71.8	13	14

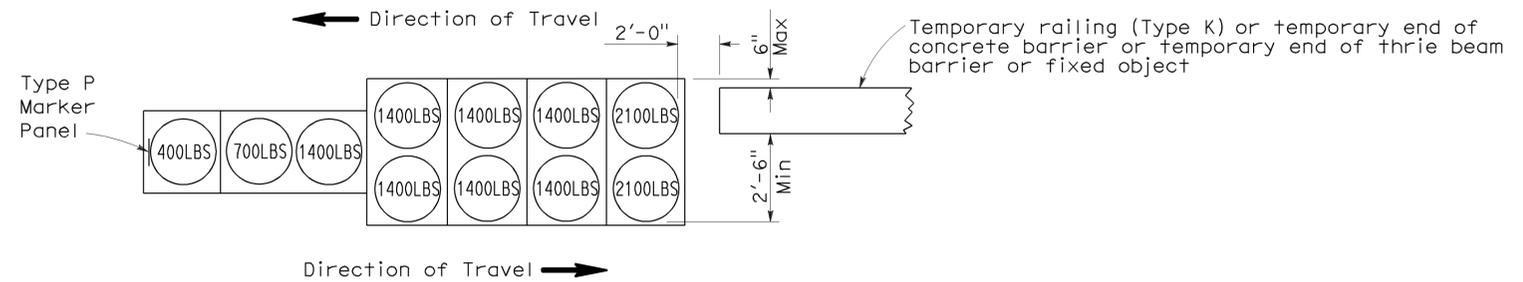
*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

June 6, 2008  
PLANS APPROVAL DATE

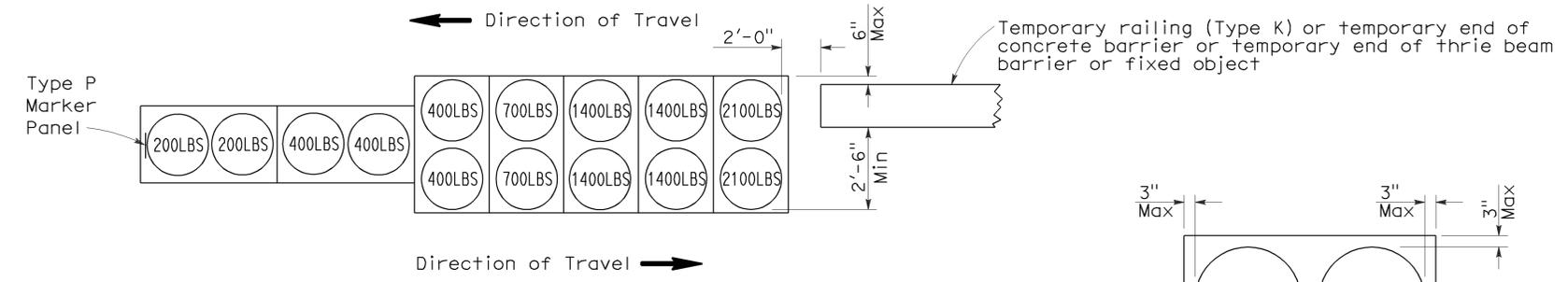
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REGISTERED PROFESSIONAL ENGINEER  
Randell D. Hiatt  
No. C50200  
Exp. 6-30-09  
CIVIL  
STATE OF CALIFORNIA

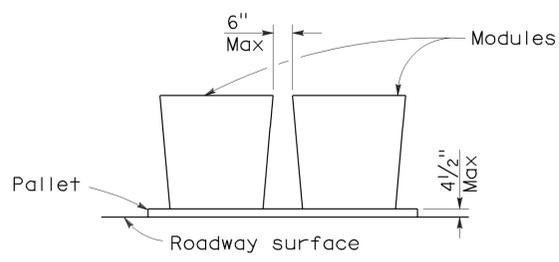
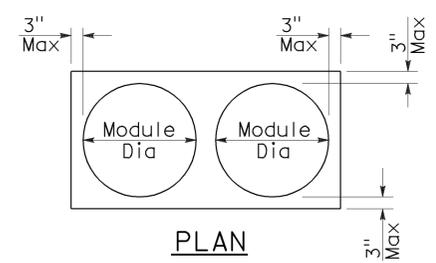
To accompany plans dated 1-30-12



**ARRAY 'TB11'**  
Approach speed less than 45 mph



**ARRAY 'TB14'**  
Approach speed 45 mph or more



**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

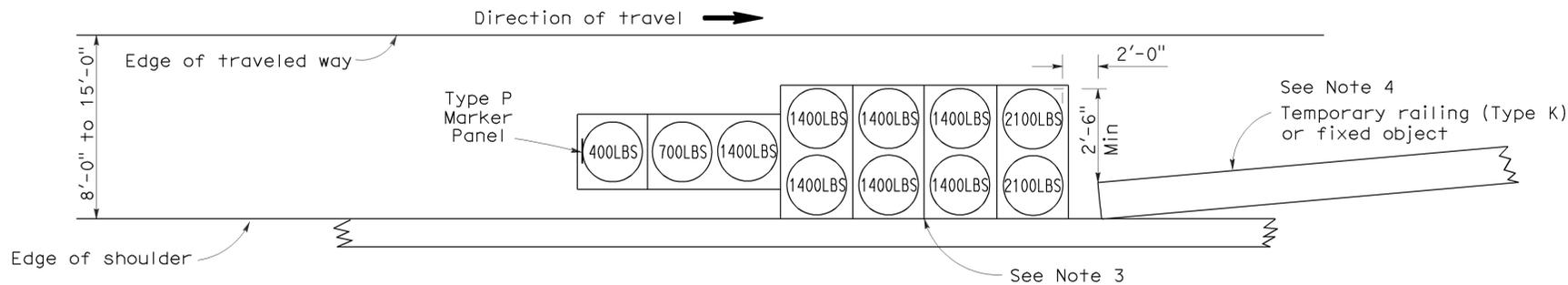
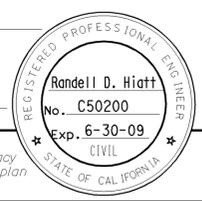
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	Riv	74	47.9/63.0, 67.5/71.8	14	14

*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

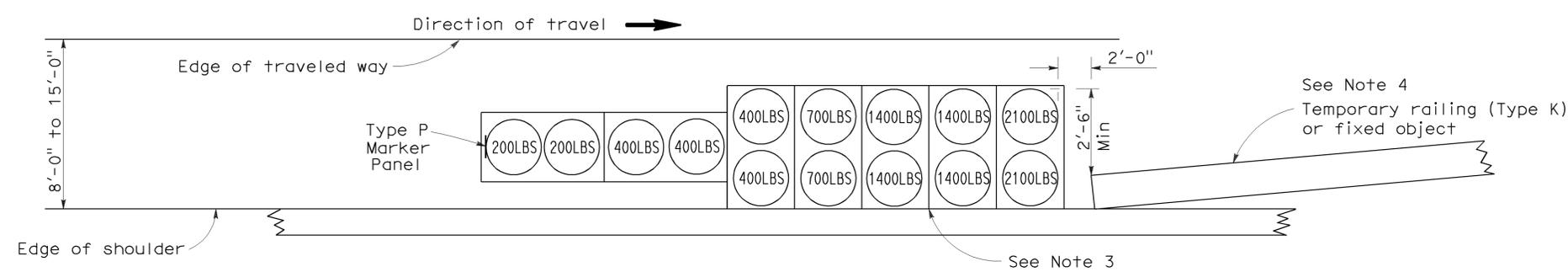
June 6, 2008  
PLANS APPROVAL DATE

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To accompany plans dated 1-30-12



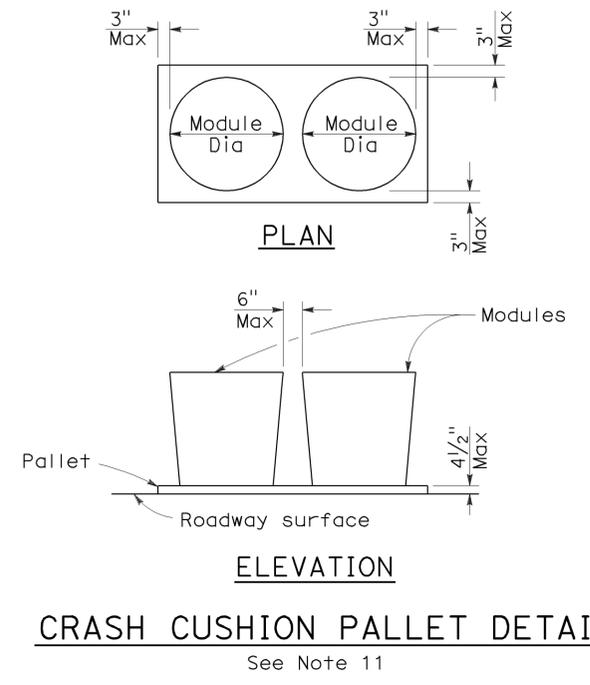
**ARRAY 'TS11'**  
Approach speed less than 45 mph  
See Note 9



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

**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