

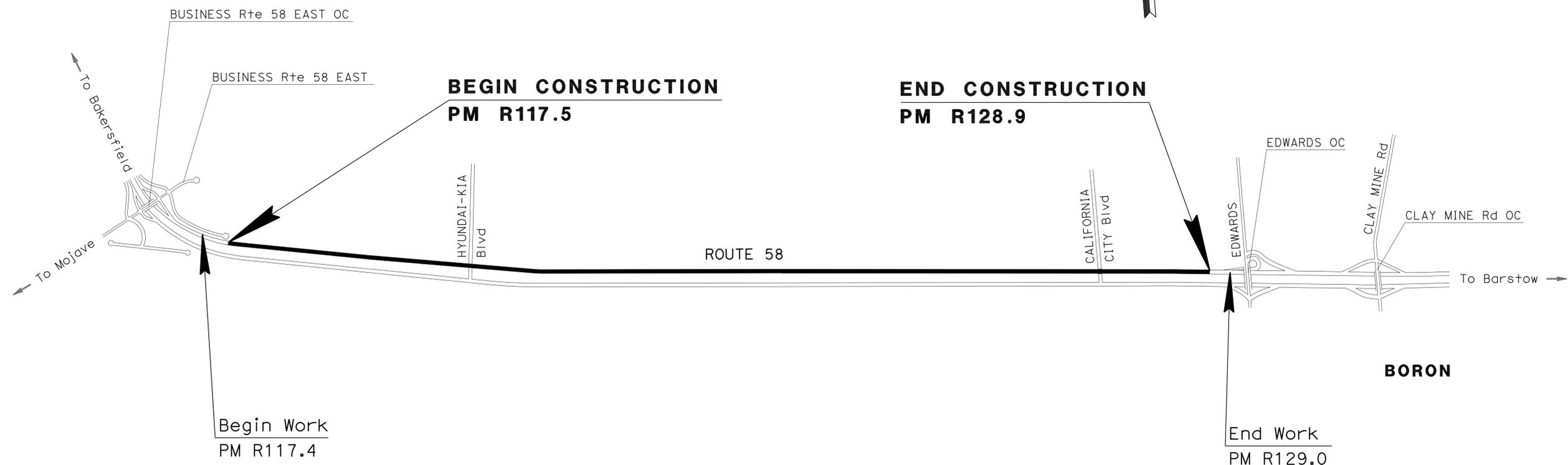
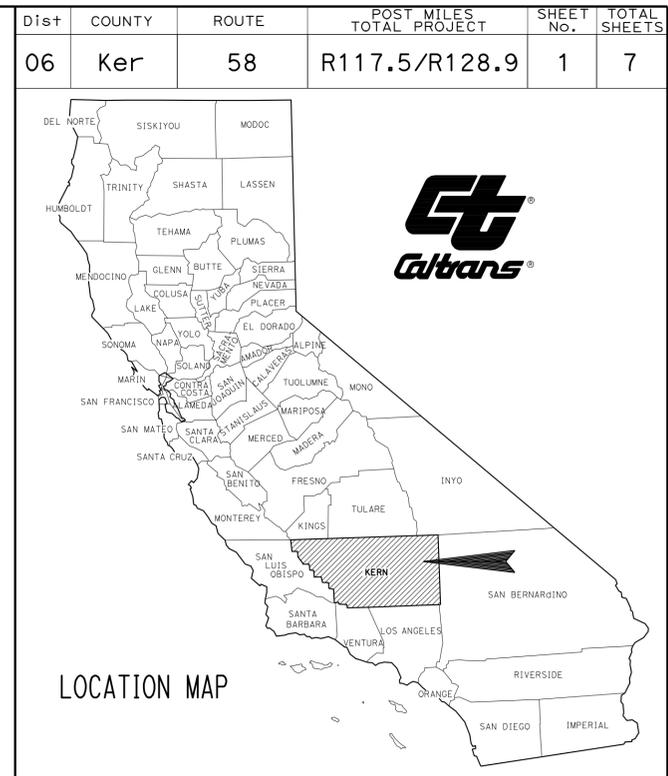
INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	TYPICAL CROSS SECTIONS AND CONSTRUCTION DETAILS
3	CONSTRUCTION AREA SIGNS
4	SUMMARY OF QUANTITIES
5-7	REVISED STANDARD PLANS

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

STATE OF CALIFORNIA ACNH-P058(110)E
DEPARTMENT OF TRANSPORTATION
PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN KERN COUNTY NEAR BORON FROM 1.4 MILES
EAST OF BUSINESS ROUTE 58 EAST OVERCROSSING
TO 0.7 MILE WEST OF EDWARDS OVERCROSSING

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

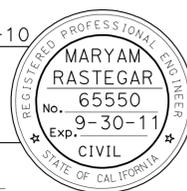


PROJECT MANAGER
VICTOR SHAW
 DESIGN ENGINEER
RENE SANCHEZ

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

NO SCALE

3-10-10
 PROJECT ENGINEER DATE
 REGISTERED CIVIL ENGINEER



March 22, 2010
 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. **06-0L5404**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58	R117.5/R128.9	2	7

<i>Maryam Rastegar</i>	3-10-10
REGISTERED CIVIL ENGINEER	DATE
3-22-10	
PLANS APPROVAL DATE	

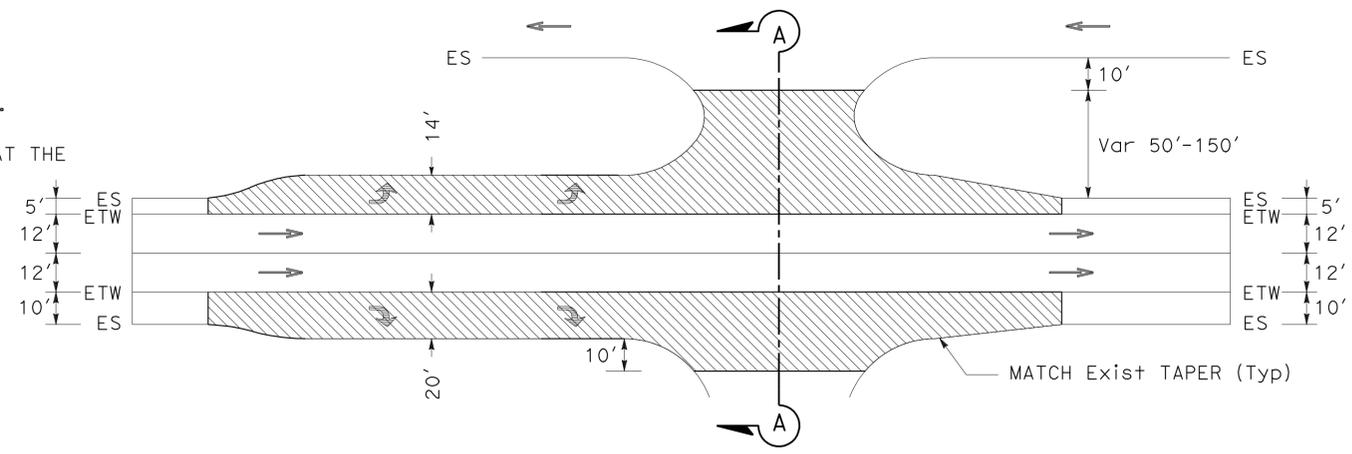
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

- DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
- SUPERELEVATION AS SHOWN OR AS DIRECTED BY THE ENGINEER.
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
- ACCELERATION LANE AT HYUNDAI-KIA Blvd (PM R120.6 TO PM R120.9).
- FOR SLURRY SEAL LOCATIONS SEE TYPICAL SLURRY SEAL LIMITS.

LEGEND:

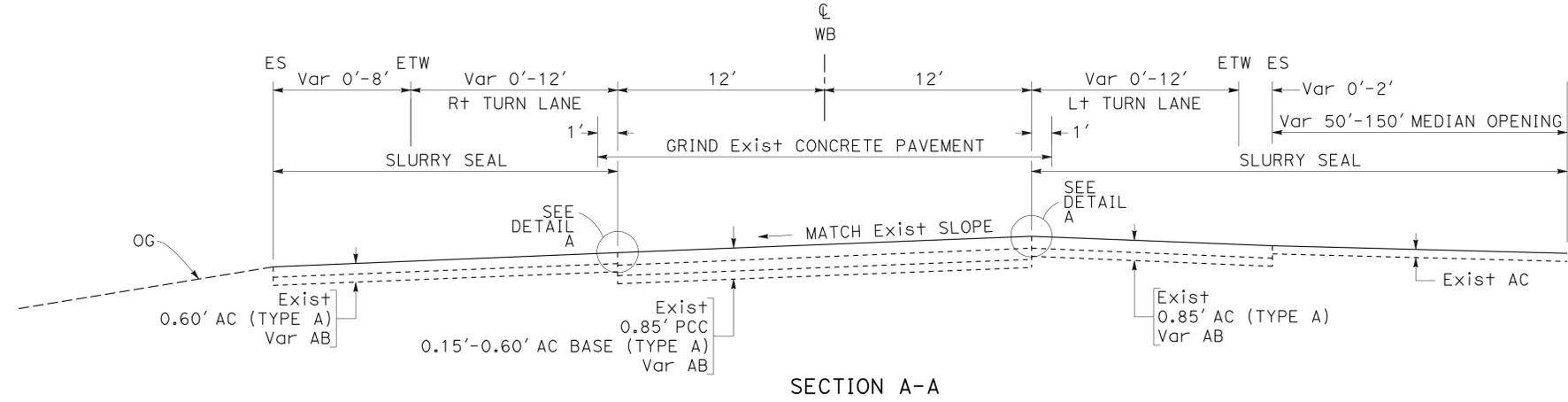
- SLURRY SEAL
- DIRECTION OF TRAFFIC



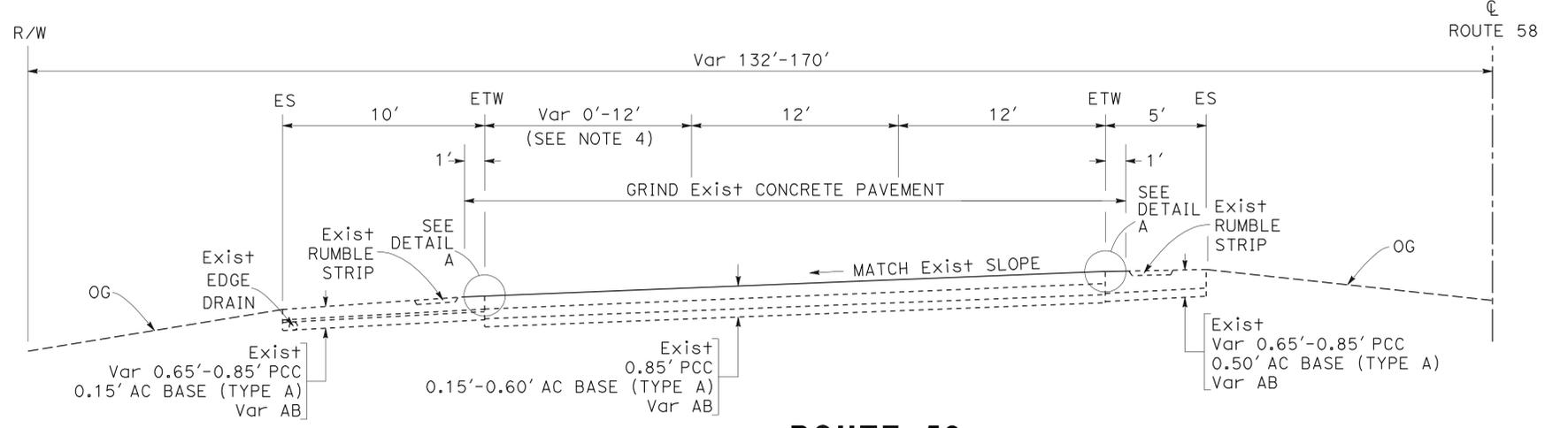
TYPICAL SLURRY SEAL LIMITS

WB PM R127.6 (CALIFORNIA CITY Blvd)

- WB PM R124.6
- WB PM R122.4
- WB PM R121.8
- WB PM R120.9
- WB PM R119.9
- WB PM R117.9

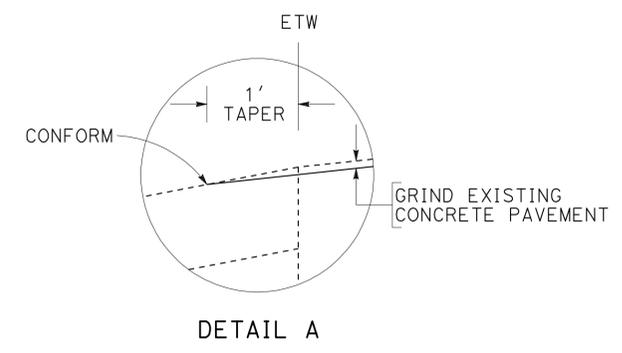


SECTION A-A



ROUTE 58

WESTBOUND
PM R117.5 TO PM R128.9
(SEE NOTE 5)



DETAIL A

TYPICAL CROSS SECTIONS AND CONSTRUCTION DETAILS

NO SCALE

X-1

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 MARYAM RASTEGAR
 RENE SANCHEZ
 FUNCTIONAL SUPERVISOR
 RENE SANCHEZ
 PAVEMENT PRESERVATION
 Caltrans



USERNAME => s118789
DGN FILE => 60L540ca001.dgn

CU 06600

EA 0L5401

LAST REVISION DATE PLOTTED => 13-OCT-2010
 03-10-10 TIME PLOTTED => 08:22

NOTE: LOCATIONS OF CONSTRUCTION AREA SIGNS ARE APPROXIMATE. EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58	R117.5/R128.9	3	7

3-10-10
 REGISTERED CIVIL ENGINEER DATE

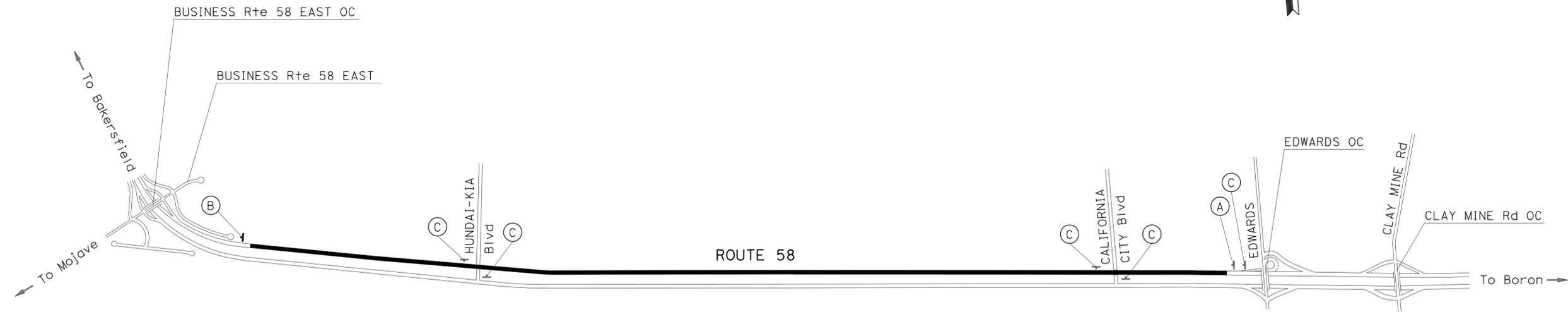
3-22-10
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 MARYAM RASTEGAR
 No. 65550
 Exp. 9-30-11
 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.

**STATIONARY MOUNTED
CONSTRUCTION AREA SIGNS**

SIGN No.	SIGN CODE	PANEL SIZE	SIGN MESSAGE	No. OF POST	POST SIZE	No. OF SIGNS
(A)	W20-1	48" x 48"	ROAD WORK AHEAD	1	4" x 6"	1
(B)	G20-2	48" x 24"	END ROAD WORK	1	4" x 6"	1
(C)	W20-1	36" x 36"	ROAD WORK AHEAD	1	4" x 6"	5



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
PAVEMENT PRESERVATION
 FUNCTIONAL SUPERVISOR: RENE SANCHEZ
 CALCULATED/DESIGNED BY: RENE SANCHEZ
 CHECKED BY: RENE SANCHEZ
 MARYAM RASTEGAR
 RENE SANCHEZ
 REVISED BY: RENE SANCHEZ
 DATE REVISED:

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.
EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

CONSTRUCTION AREA SIGNS
CS-1
NO SCALE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 PAVEMENT PRESERVATION
 FUNCTIONAL SUPERVISOR
 RENE SANCHEZ
 CALCULATED/DESIGNED BY
 CHECKED BY
 RENE SANCHEZ
 MARYAM RASTEGAR
 RENE SANCHEZ
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	58	R117.5/R128.9	4	7

3-10-10
 REGISTERED CIVIL ENGINEER DATE

3-22-10
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 MARYAM RASTEGAR
 No. 65550
 Exp. 9-30-11
 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.

GRIND EXISTING CONCRETE PAVEMENT

LOCATION AND DIRECTION	SQYD
PM R117.5 TO PM R128.9 WB	175,688

SLURRY SEAL

LOCATION	DESCRIPTION	TON
PM R117.9	LEFT TURN CHANNELIZATION	7.5
PM R117.9	MEDIAN OPENING	3.6
PM R119.9	LEFT TURN CHANNELIZATION	7.4
PM R119.9	MEDIAN OPENING	9.2
PM R120.9	LEFT TURN CHANNELIZATION	7.6
PM R120.9	MEDIAN OPENING	7.0
PM R121.8	LEFT TURN CHANNELIZATION	5.3
PM R121.8	MEDIAN OPENING	4.0
PM R122.4	LEFT TURN CHANNELIZATION	7.8
PM R122.4	MEDIAN OPENING	4.5
PM R124.6	LEFT TURN CHANNELIZATION	11.4
PM R124.6	MEDIAN OPENING	3.9
PM R127.6	LEFT TURN CHANNELIZATION	21.6
PM R127.6	MEDIAN OPENING	4.7
PM R127.6	RIGHT TURN CHANNELIZATION	31.0
TOTAL		136.5

PAVEMENT DELINEATION QUANTITIES

LOCATION AND DIRECTION	DETAIL No.	PAVEMENT MARKER (RETROREFLECTIVE)		PAINT TRAFFIC STRIPE (2-COAT)			PAINT PAVEMENT MARKING (2-COAT)		REMOVE PAVEMENT MARKING	REMOVE PAVEMENT MARKER (N)
		TYPE G ONE-WAY CLEAR	TYPE H ONE-WAY YELLOW	4" WHITE	4" YELLOW	8" WHITE	DESCRIPTION	SQFT	SQFT	EA
		EA	EA	LF	LF	LF	DESCRIPTION	SQFT	SQFT	EA
PM R117.5 TO PM R128.9 WB	12	1255		60,192			16-TYPE III ARROW	672	672	1255
	25		1255		60,192		28-TYPE V ARROW	924		1255
	27B			60,192			3-TYPE VI ARROW	126		
	38	137				3258	6-CHP MARKING	36		137
							15-LIMIT LINE	375	375	
						15-STOP	330	330		
SUB TOTAL		1392	1255	120,384	60,192	3258		2463	1377	
TOTAL		2647		183,834				2463	1377	

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

SUMMARY OF QUANTITIES

Q-1

LAST REVISION | DATE PLOTTED => 13-OCT-2010 03-10-10 TIME PLOTTED => 08:50

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	58	R117.5/R128.9	5	7

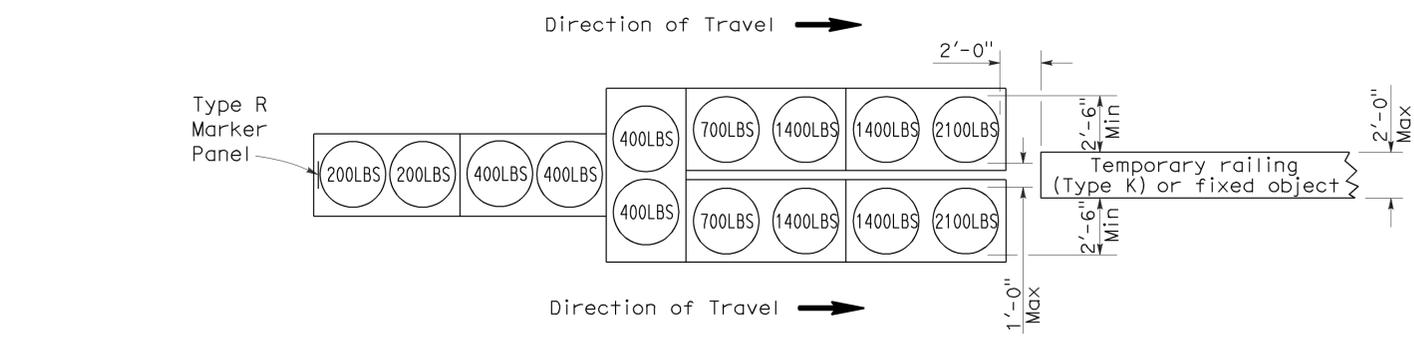
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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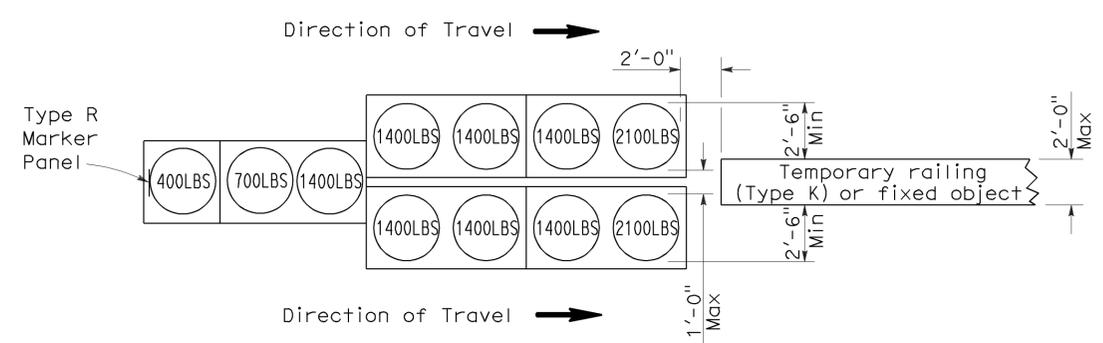
REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

To accompany plans dated 3-22-10



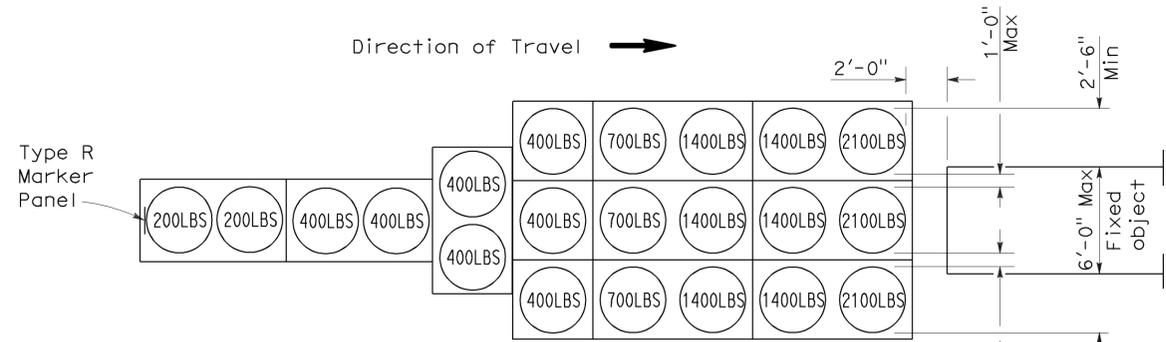
ARRAY 'TU14'

Approach speed 45 mph or more



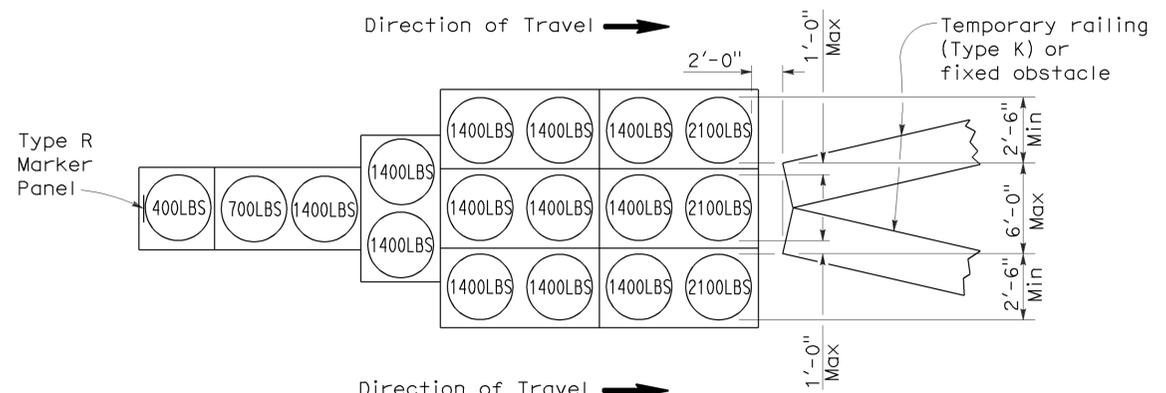
ARRAY 'TU11'

Approach speed less than 45 mph



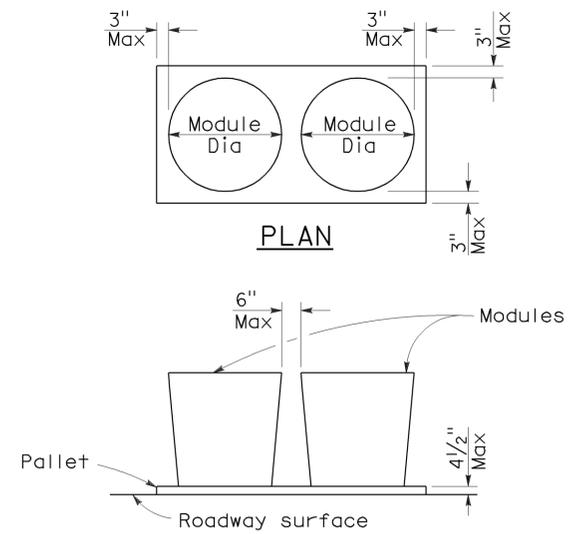
ARRAY 'TU21'

Approach speed 45 mph or more



ARRAY 'TU17'

Approach speed less than 45 mph



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
06	Ker	58	R117.5/R128.9	6	7

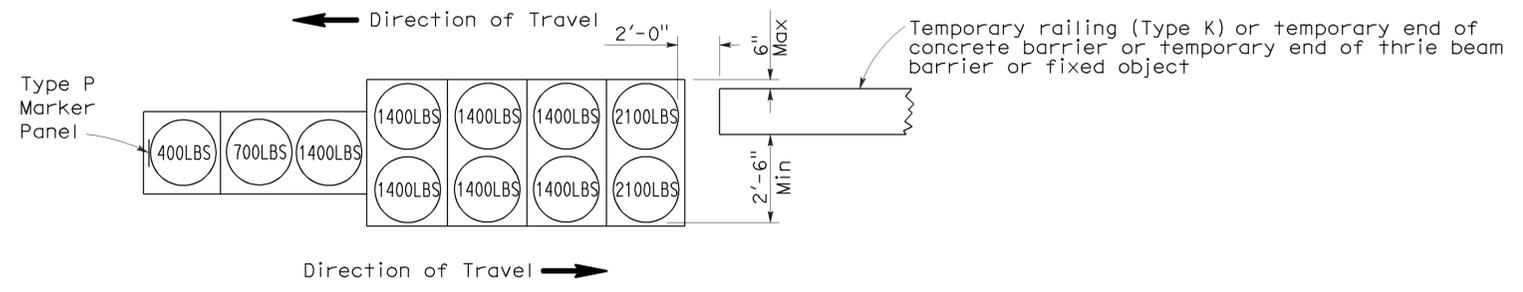
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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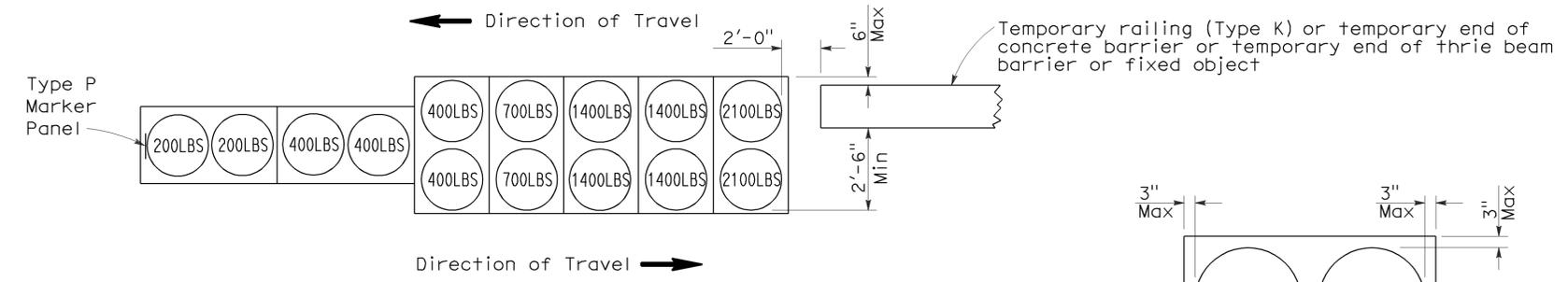
REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

To accompany plans dated 3-22-10



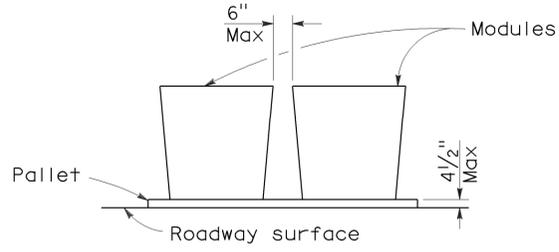
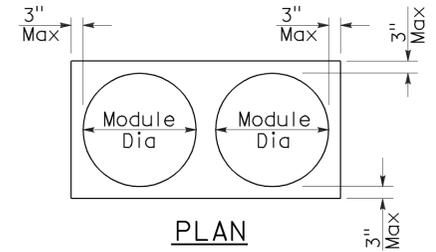
ARRAY 'TB11'

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
06	Ker	58	R117.5/R128.9	7	7

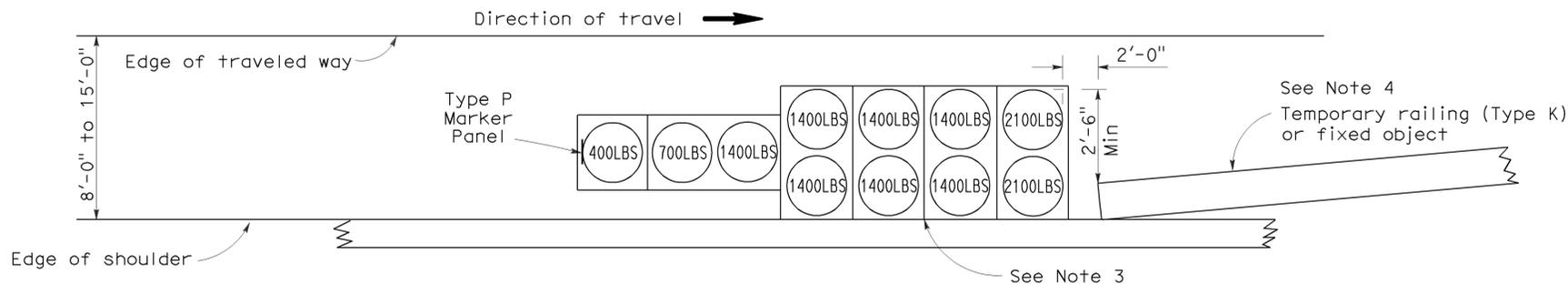
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

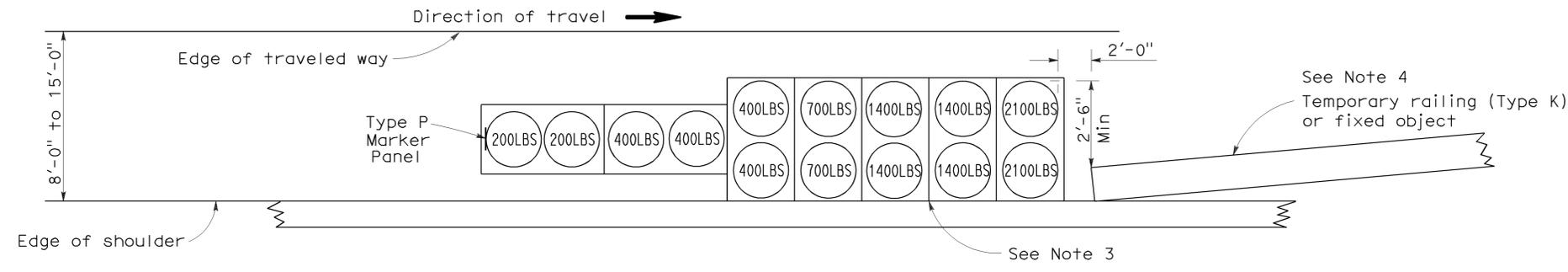
Randell D. Hiatt
REGISTERED PROFESSIONAL ENGINEER
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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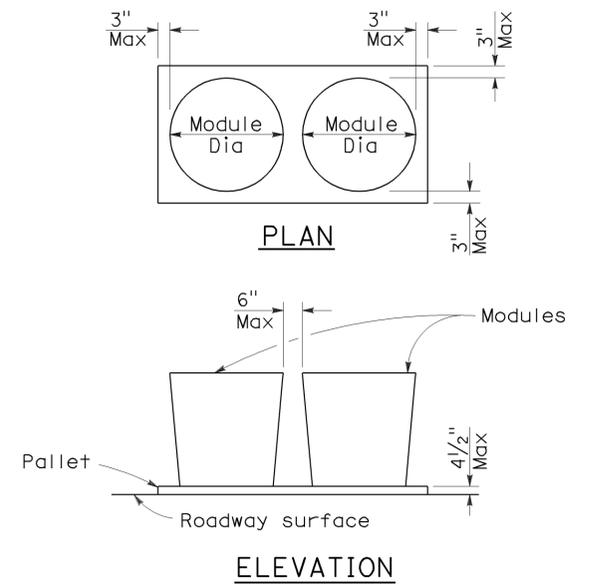
To accompany plans dated 3-22-10



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:

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. 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.
4. 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.
5. Temporary crash cushion arrays shall not encroach on the traveled way.
6. Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
7. Place the Type P marker panel so that the bottom of the panel rests upon the pallet and faces traffic.
8. Refer to Standard Plan A73B for marker details.
9. 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.
10. Approach speeds indicated conform to NCHRP 350 Report criteria.
11. 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