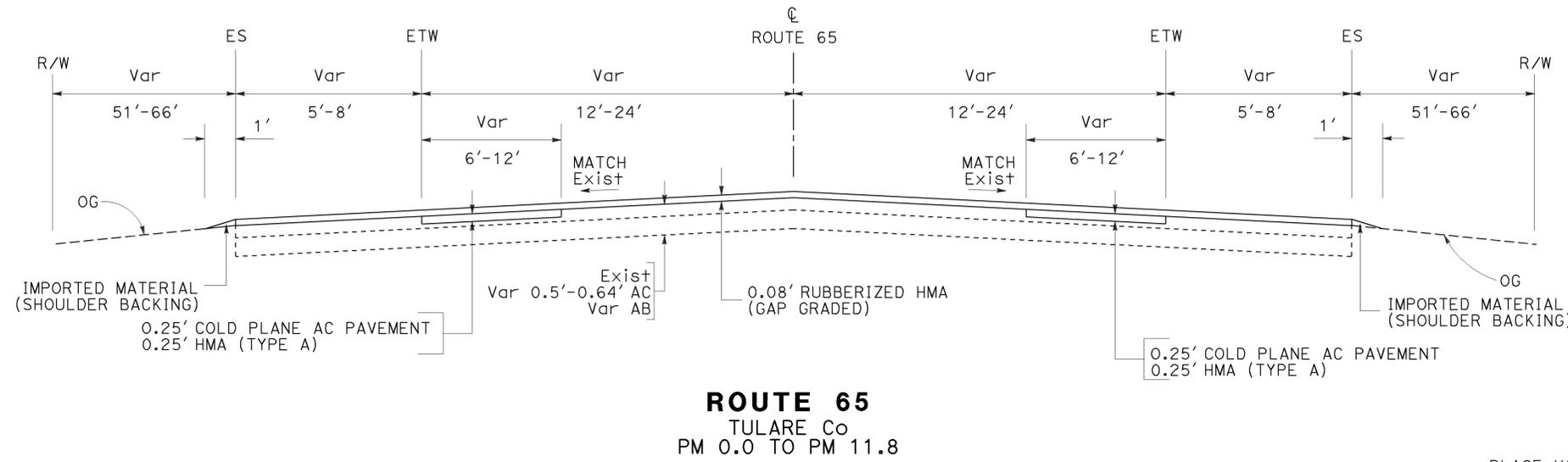


STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans PAVEMENT PRESERVATION
 FUNCTIONAL SUPERVISOR: RENE SANCHEZ
 CALCULATED/DESIGNED BY: MARYAM RASTEGAR
 CHECKED BY: ADAM WELLS
 REVISIONS: (None shown)

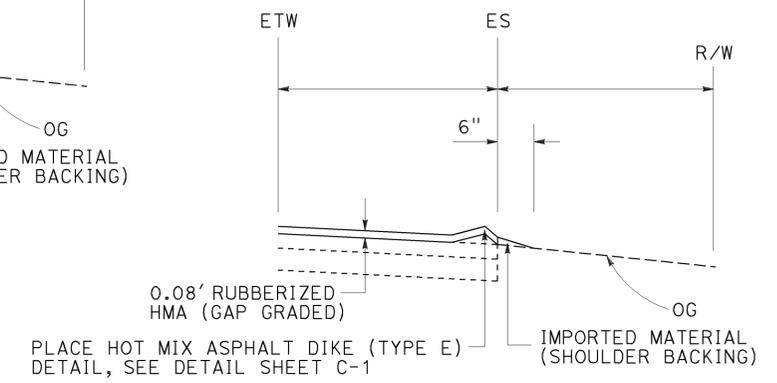
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker, Tul	65	6.1/25.2, 0.0/11.8	2	8
			REGISTERED CIVIL ENGINEER	DATE	
			MARYAM RASTEGAR	12-22-09	
			No. 65550	PLANS APPROVAL DATE	
			Exp. 09-30-11	12-28-09	
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					

NOTES:

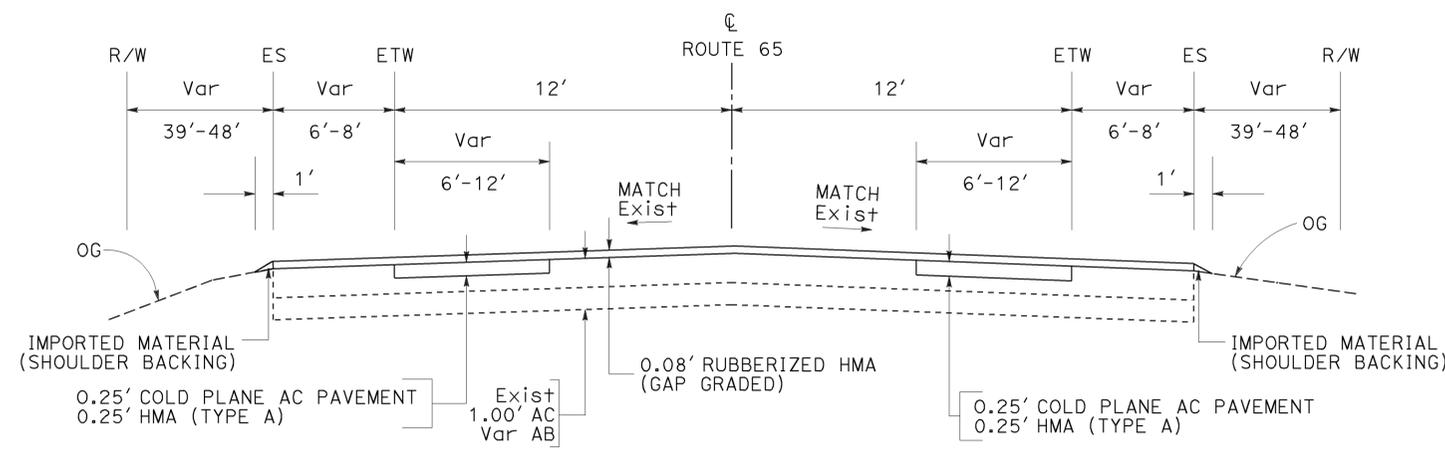
- DIMENSIONS OF PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
- SUPERELEVATION AS SHOWN OR AS DIRECTED BY THE ENGINEER.
- FOR COMPLETE RIGHT OF WAY DATA, SEE RIGHT OF WAY RECORD MAPS AT DISTRICT OFFICE MAPS AT THE DISTRICT OFFICE.
- AT THE LOCATION OF EXISTING TYPE A AC DIKE CONSTRUCT TO MATCH DIKE DETAIL AT Exist TYPE A LOCATION.
- AT THE LOCATION OF EXISTING TYPE E AC DIKE CONSTRUCT TO MATCH PLACE HOT MIX ASPHALT DIKE (TYPE E) DETAIL.



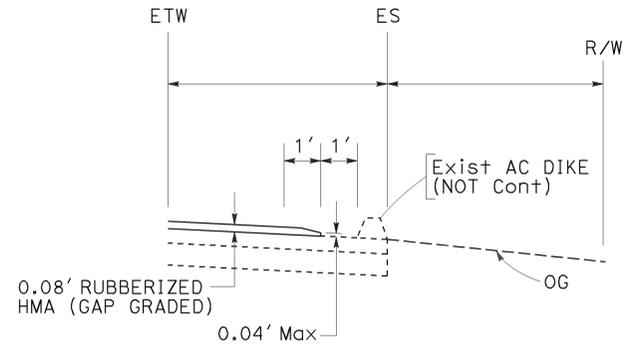
ROUTE 65
 TULARE Co
 PM 0.0 TO PM 11.8



TYPE E DIKE DETAIL



ROUTE 65
 KERN Co
 PM 6.1 TO PM 25.2



DIKE DETAIL AT Exist TYPE A LOCATION

TYPICAL CROSS SECTIONS

NO SCALE **X-1**

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

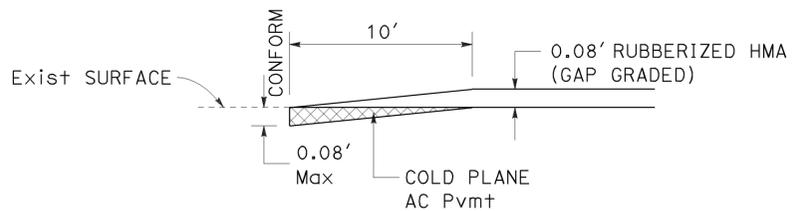
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker, Tul	65	6.1/25.2, 0.0/11.8	3	8

REGISTERED CIVIL ENGINEER	DATE
<i>Maryam Rastegar</i>	9-16-09
PLANS APPROVAL DATE	
	12-28-09

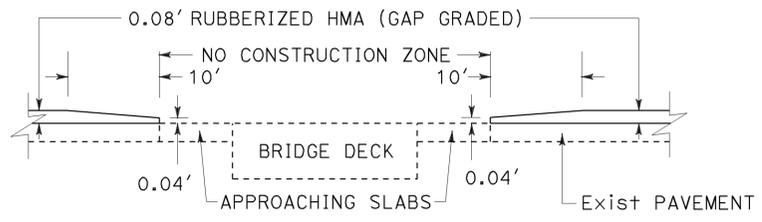
REGISTERED PROFESSIONAL ENGINEER
MARYAM RASTEGAR
No. 65550
Exp. 09-30-11
CIVIL
STATE OF CALIFORNIA

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.

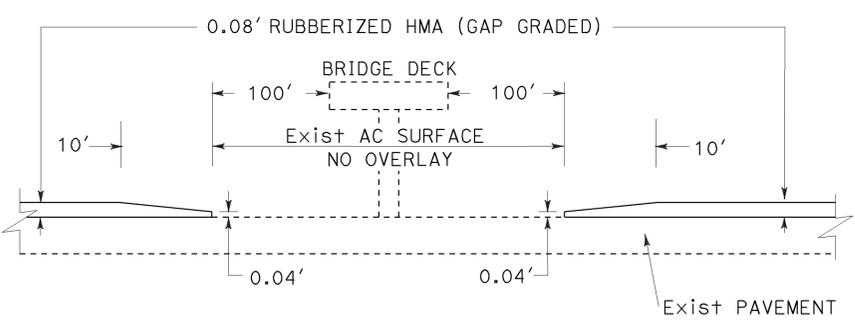
- LEGEND**
- 0.08' RUBBERIZED HMA (GAP GRADED)
 - COLD PLANE AC PAVEMENT
 - EXCAVATE
 - DIRECTION OF TRAFFIC



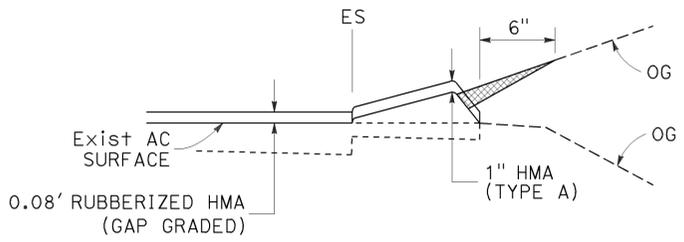
TYPICAL LONGITUDINAL CONFORMS
 AT BEGIN AND END CONSTRUCTION
 KERN Co PM 6.2
 TULARE Co PM 11.8



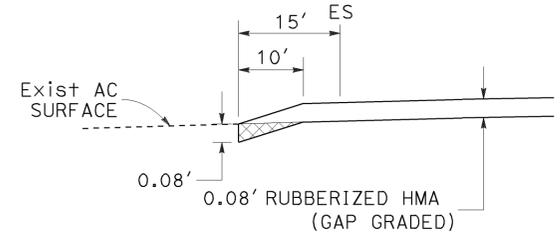
TYPICAL TAPER AT BRIDGE APPROACH



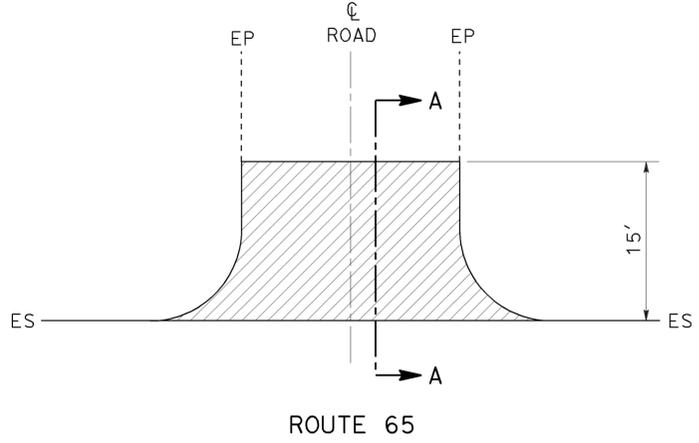
TYPICAL TAPER AT OVERCROSSING



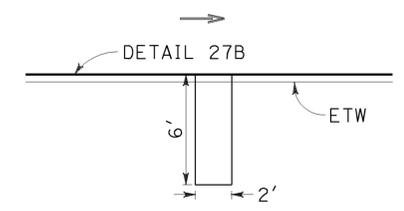
PLACE HOT MIX ASPHALT DIKE (TYPE E) DETAIL



SECTION A-A



TYPICAL ROAD APPROACH DETAIL



CHP MARKING DETAIL

CONSTRUCTION DETAILS
 NO SCALE
C-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION - **Caltrans** PAVEMENT PRESERVATION

REVISOR BY DATE

ADAM WELLS MARYAM RASTEGAR

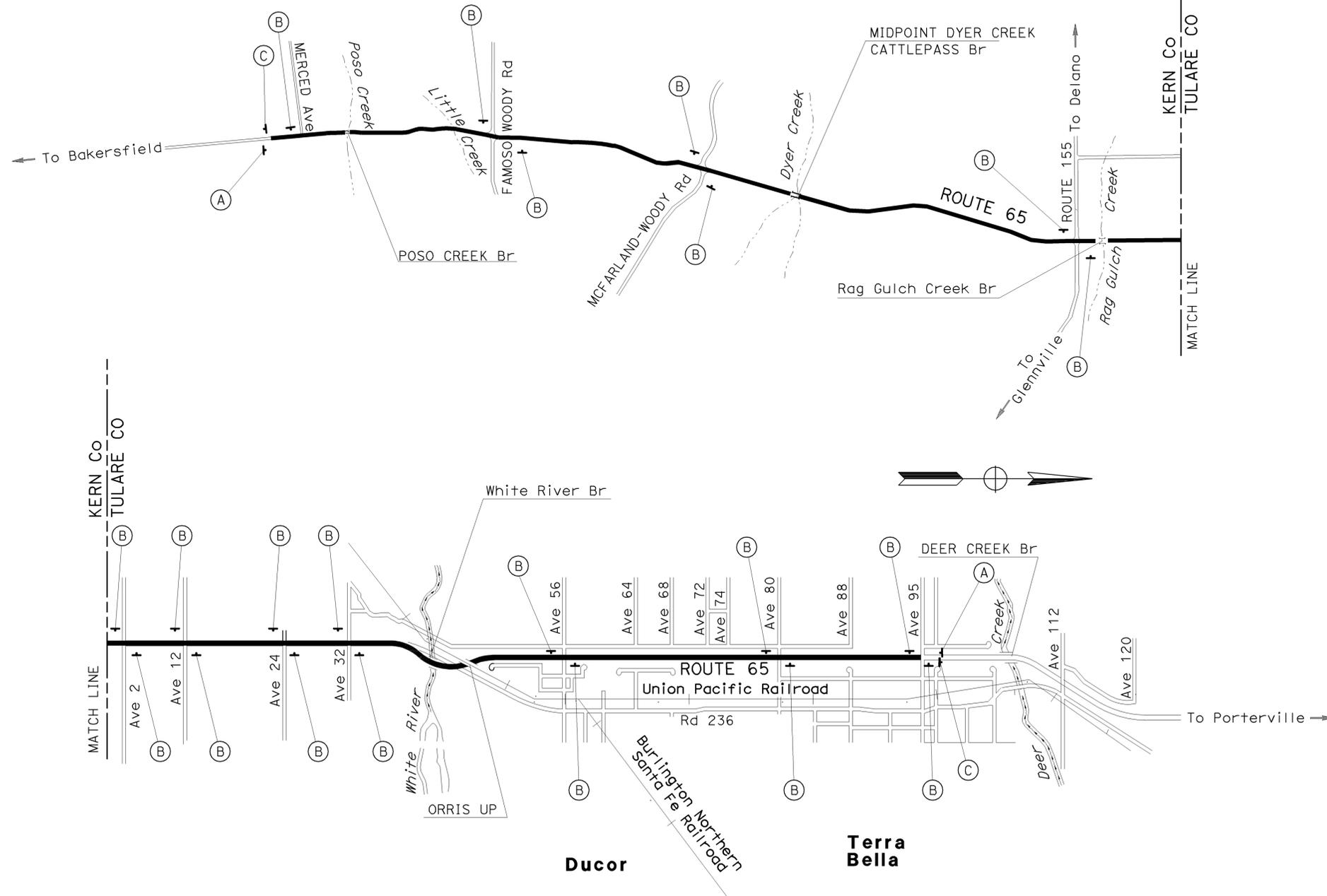
CALCULATED/DESIGNED BY CHECKED BY

FUNCTIONAL SUPERVISOR RENE SANCHEZ

**STATIONARY MOUNTED
CONSTRUCTION AREA SIGNS**

SIGN	SIGN CODE	PANEL SIZE	SIGN MESSAGE	No. OF POST AND SIZE	No. OF SIGNS
(A)	W20-1	48" x 48"	ROAD WORK AHEAD	1-4" x 6"	2
(B)	W20-1	36" x 36"	ROAD WORK AHEAD	1-4" x 6"	21
(C)	G20-2	36" x 18"	END ROAD WORK	1-4" x 4"	2

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



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker, Tul	65	6.1/25.2, 0.0/11.8	4	8

12-22-09
 REGISTERED CIVIL ENGINEER DATE
 12-28-09
 PLANS APPROVAL DATE

MARYAM RASTEGAR
 No. 65550
 Exp. 09-30-11
 CIVIL

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® PAVEMENT PRESERVATION

FUNCTIONAL SUPERVISOR
RENE SANCHEZ

CALCULATED/DESIGNED BY
CHECKED BY

ADAM WELLS
MARYAM RASTEGAR

REVISED BY
DATE REVISED

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.

CONSTRUCTION AREA SIGNS
NO SCALE
CS-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker, Tul	65	6.1/25.2, 0.0/11.8	5	8

12-22-09
 REGISTERED CIVIL ENGINEER DATE

12-28-09
 PLANS APPROVAL DATE

MARYAM RASTEGAR
 No. 65550
 Exp. 09-30-11
 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.

COLD PLANE ASPHALT CONCRETE PAVEMENT

COUNTY	POSTMILE	NUMBER OF DIGOUTS		LENGTH	QUANTITY (SQYD)	HMA (TYPE A) (TON)
		6 FT+ WIDE	12 FT+ WIDE			
KERN PM 6.1 TO PM 25.2	PM 6.2 TO PM 7.0	0	1	137'	1200*	199*
	PM 8.0 TO PM 9.0	6	1	1157'		
	PM 11.0 TO PM 12.0	1	0	48'		
	PM 23.0 TO PM 24.0	1	0	132'		
TULARE PM 0.0 TO PM 11.8	PM 1.0 TO PM 2.0	0	12	306'	32,640*	5398*
	PM 3.0 TO PM 4.0	9	1	1147'		
	PM 4.0 TO PM 5.0	6	8	2413'		
	PM 5.0 TO PM 6.0	9	7	7624'		
	PM 6.0 TO PM 7.0	11	13	5911'		
	PM 7.0 TO PM 8.0	5	0	1145'		
	PM 8.0 TO PM 9.0	12	7	2289'		
	PM 9.0 TO PM 10.0	7	5	6637'		
	PM 10.0 TO PM 11.0	10	3	2602'		
	PM 11.0 TO PM 11.8	6	8	4049'		

NOTE: EXACT LOCATION AS DIRECTED BY THE ENGINEER
 * SEE ROADWAY QUANTITIES TABLE

HMA DIKE

COUNTY	EXCAVATE (N)	BACKFILL (N)	PLACE HMA DIKE (TYPE E)	HMA (TYPE A)
	LF	LF	LF	TON
KERN PM 6.1 TO PM 25.2	68,100	68,100	68,100	507*
TULARE PM 0.0 TO PM 11.8	45,400	45,400	45,400	338*
TOTAL			113,500	845*

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

ROADWAY QUANTITIES

LOCATION	COLD PLANE ASPHALT CONCRETE PAVEMENT	RUBBERIZED HMA (GAP GRADED)	HMA (TYPE A)	TACK COAT	IMPORTED MATERIAL (SHOULDER BACKING)
	SQYD	TON	TON	TON	TON
KERN ROUTE 65 PM 6.1 TO PM 25.2	1,200	20,164	706	127	569
TULARE ROUTE 65 PM 0.0 TO PM 11.8	32,640	15,356	5736	108	335
TOTAL	33,840	35,520	6442	235	904

PAVEMENT DELINEATION QUANTITIES

LOCATION	DETAIL No.	PAVEMENT MARKER (RETROREFLECTIVE)			THERMOPLASTIC TRAFFIC STRIPE					THERMOPLASTIC PAVEMENT MARKING		REMOVE THERMOPLASTIC TRAFFIC STRIPE	REMOVE THERMOPLASTIC PAVEMENT MARKING	REMOVE PAVEMENT MARKER (N)
		TYPE D TWO-WAY YELLOW	TYPE G ONE-WAY CLEAR	TYPE H ONE-WAY YELLOW	4"	8"	4" (BROKEN 12-3)	4" (BROKEN 17-7)	4" (BROKEN 36-12)	DESCRIPTION	SQFT			
KERN ROUTE 65 PM 6.1 TO PM 25.2	2	1130						54,173		16 - TYPE IV ARROW	240		240	1130
	19	586		1171	28,090				28,090	4 - CHP MARKINGS	48		48	1757
	22	1708			40,973					8 - STOP	176		176	1708
	27B				199,267					7 - LIMIT LINE	175		175	
	27C						1901							
	38		76				1795					3590		
TULARE ROUTE 65 PM 0.0 TO PM 11.8	2	895						42,926		2 - TYPE I	28		28	895
	12		223						10,660	6 - TYPE IV ARROW	90		90	223
	19	127		253	6072			6072		6 - TYPE VI	252		252	380
	22	1333			31,997					6 - CHP MARKINGS	72		72	1333
	27B				121,810					5 - STOP	110		110	
	27C						2429			8 - LIMIT LINE	200		200	
38		50				1162			3 - SIGNAL AHEAD	189	2324	189	50	
SUBTOTAL		5779	349	1424										
TOTAL			7552		428,209	2957	4330	97,099	44,822		1580	5914	1580	7552

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

SUMMARY OF QUANTITIES

Q-1

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker, Tul	65	6.1/25.2, 0.0/11.8	6	8

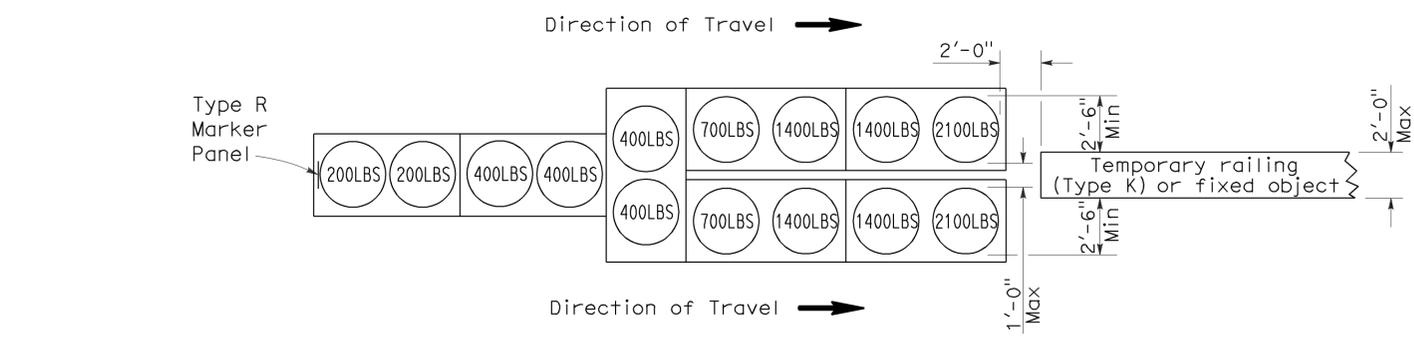
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

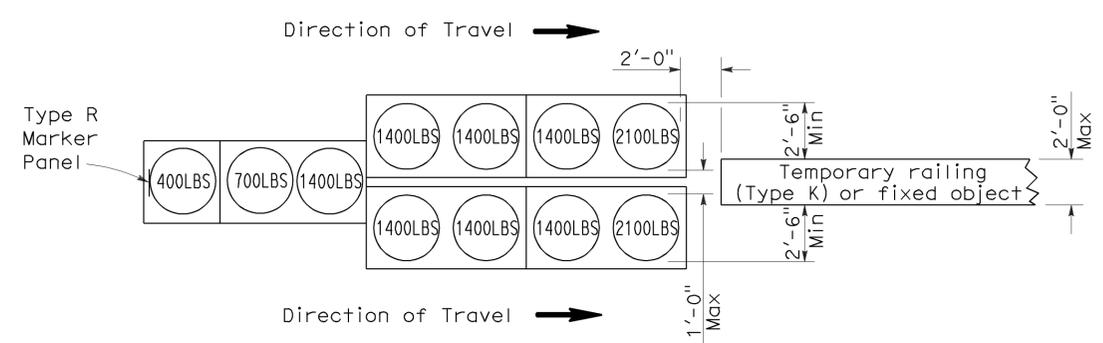
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 12-28-09



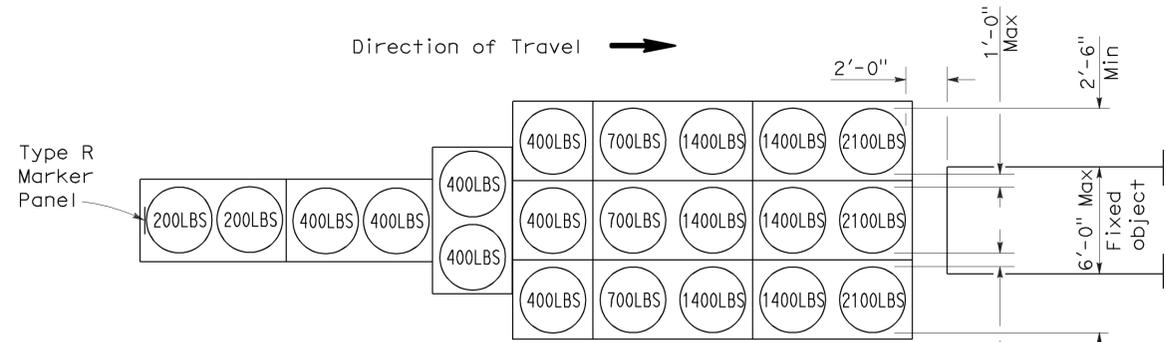
ARRAY 'TU14'

Approach speed 45 mph or more



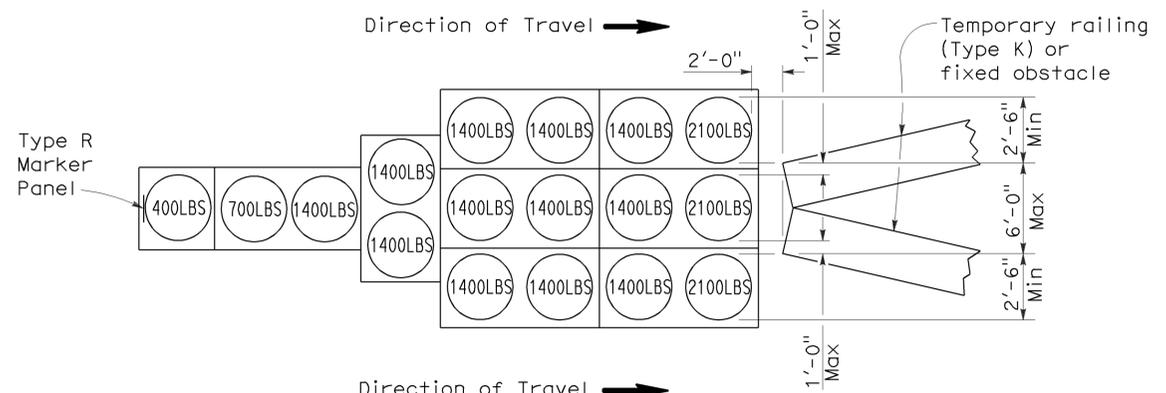
ARRAY 'TU11'

Approach speed less than 45 mph



ARRAY 'TU21'

Approach speed 45 mph or more

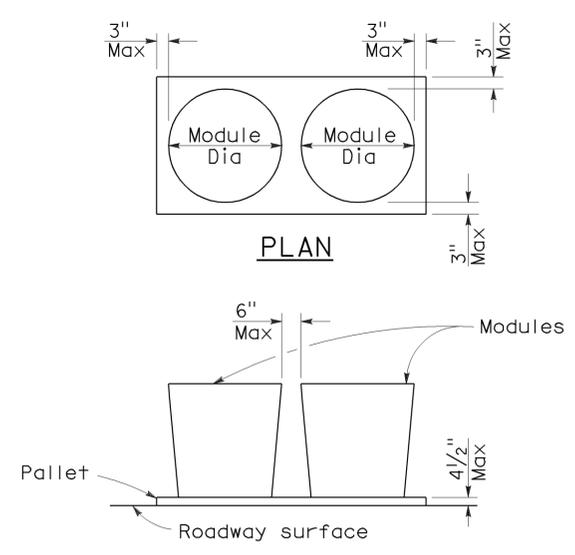


ARRAY 'TU17'

Approach speed less than 45 mph

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.



CRASH CUSHION PALLET DETAIL
See Note 7

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, Tul	65	6.1/25.2, 0.0/11.8	7	8

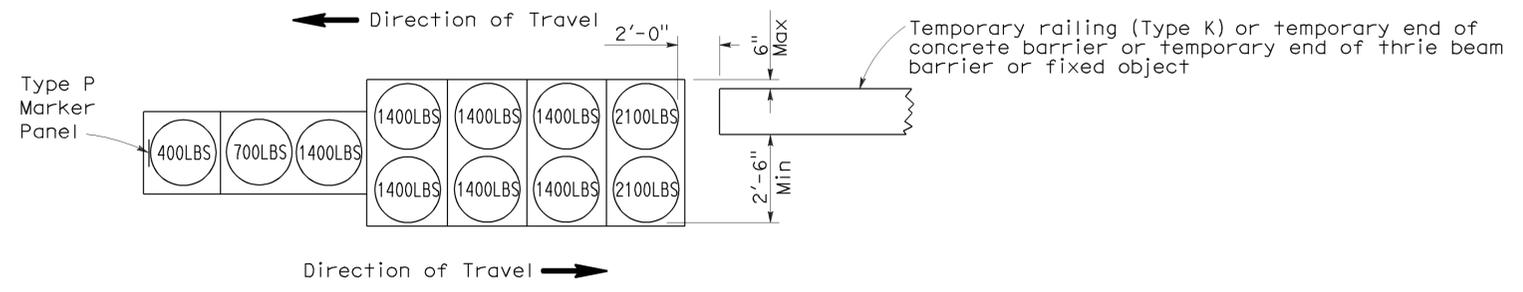
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

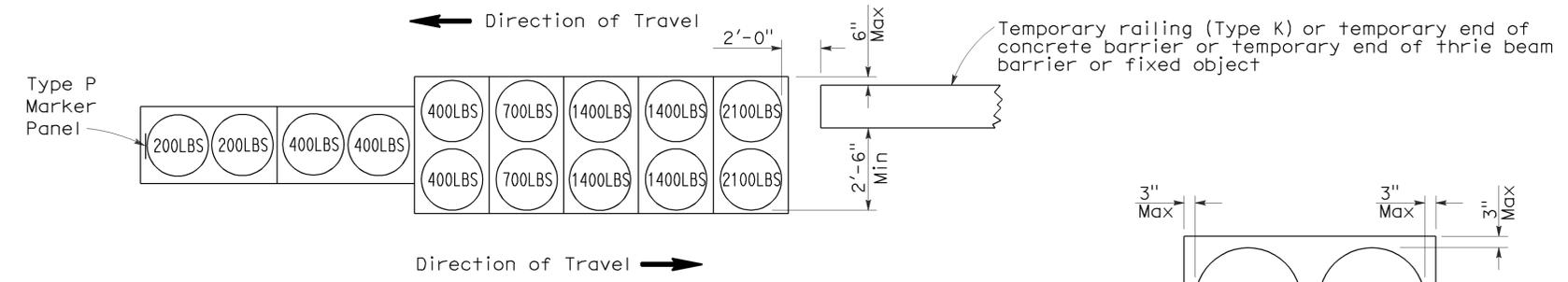
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REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

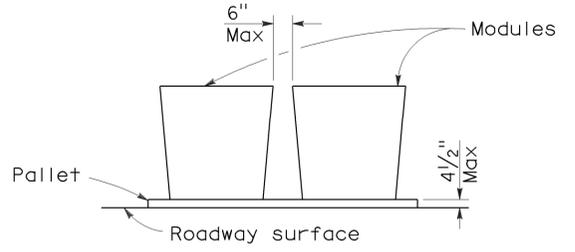
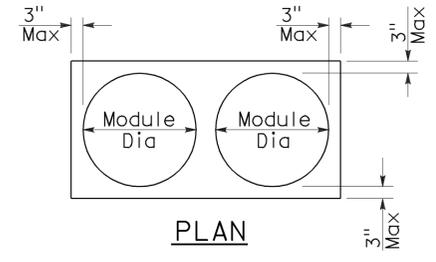
To accompany plans dated 12-28-09



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

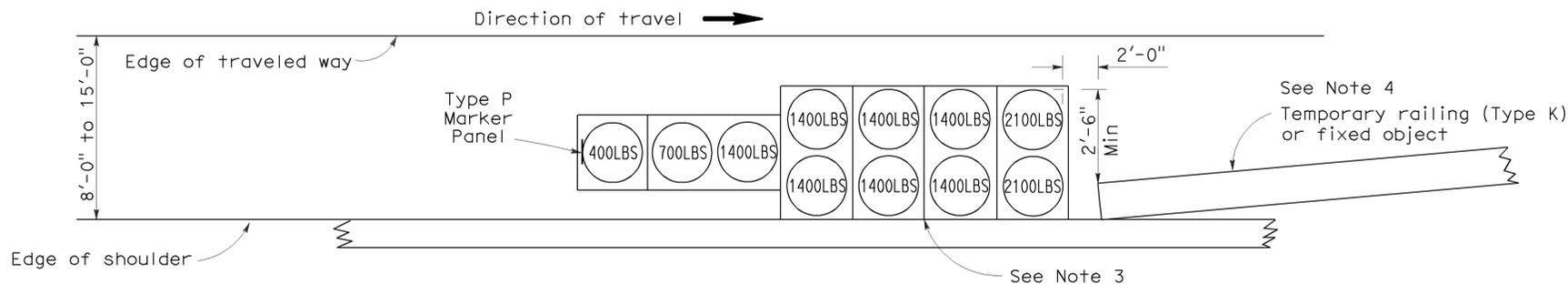
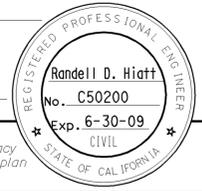
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker, Tul	65	6.1/25.2, 0.0/11.8	8	8

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

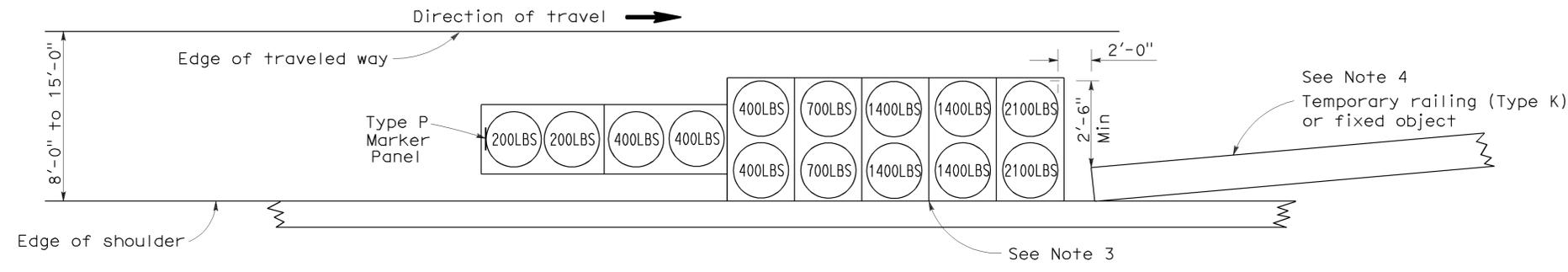
June 6, 2008
PLANS APPROVAL DATE

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To accompany plans dated 12-28-09



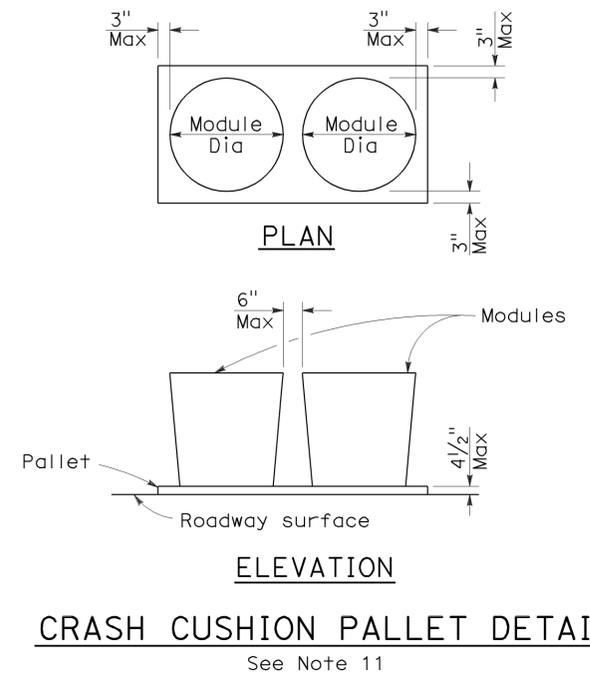
ARRAY 'TS11'
Approach speed less than 45 mph
See Note 9



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.



CRASH CUSHION PALLET DETAIL
See Note 11

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