

**STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION**

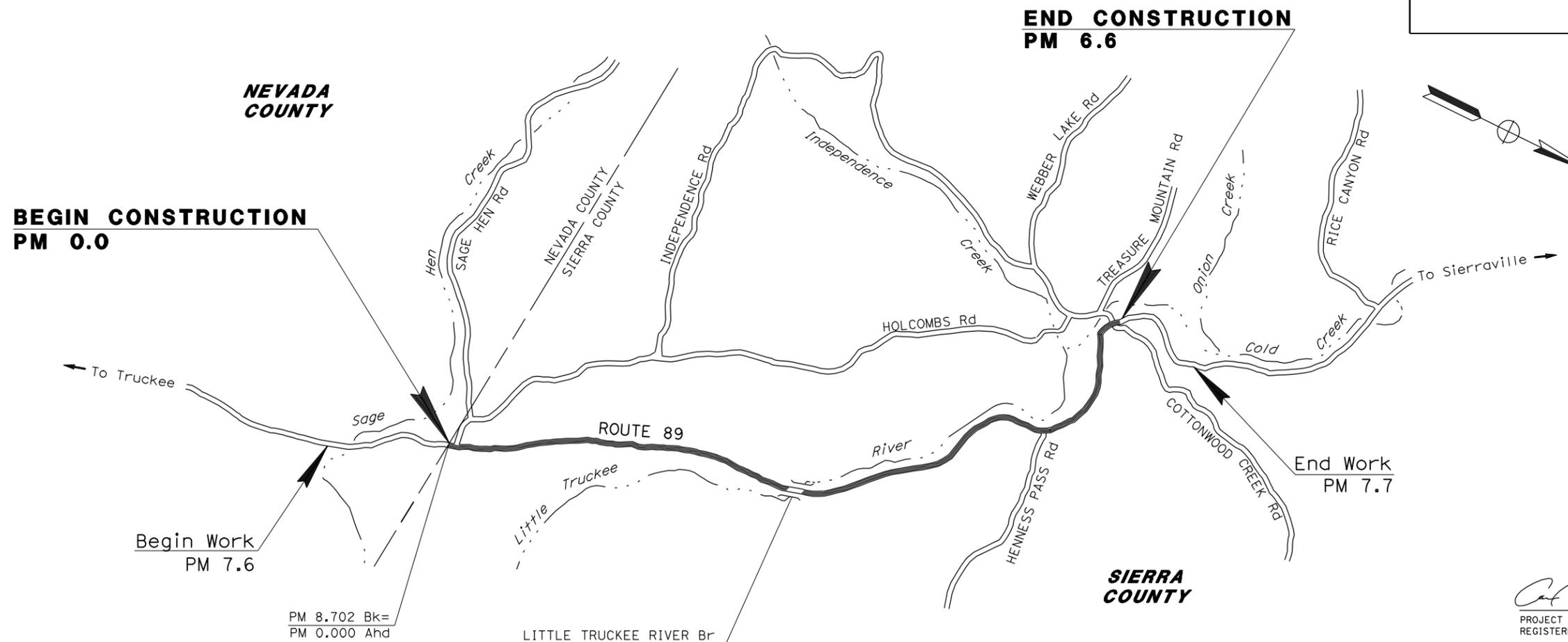
**PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY**

**IN SIERRA COUNTY
ABOUT 6 MILES NORTH OF TRUCKEE
FROM THE NEVADA/SIERRA COUNTY LINE
TO WEBBER LAKE ROAD**

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Sie	89	0.0/6.6	1	7

LOCATION MAP



PROJECT MANAGER
PAT KELLEY

DESIGN ENGINEER
NIK BEACH

Begin Work
PM 7.6

PM 8.702 Bk=
PM 0.000 Ahd

LITTLE TRUCKEE RIVER BR

NO SCALE

Caltrans
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER 11-16-10

November 30, 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.

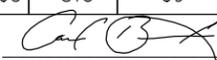
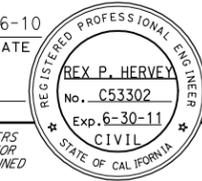


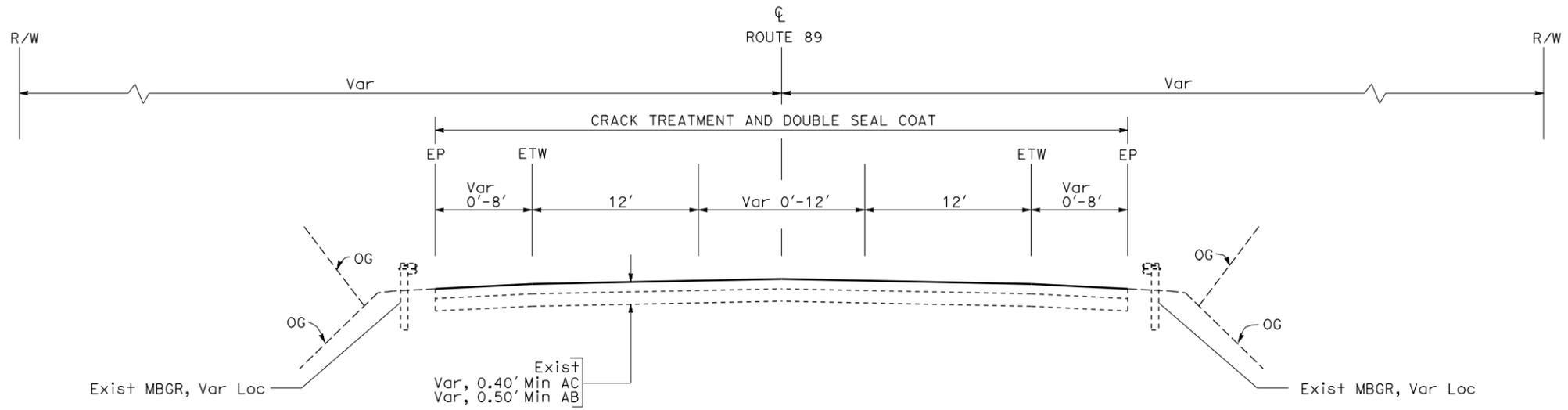
CONTRACT No.	03-4M2504
PROJECT ID	0300020070

DATE PLOTTED => 06-DEC-2010 TIME PLOTTED => 13:48

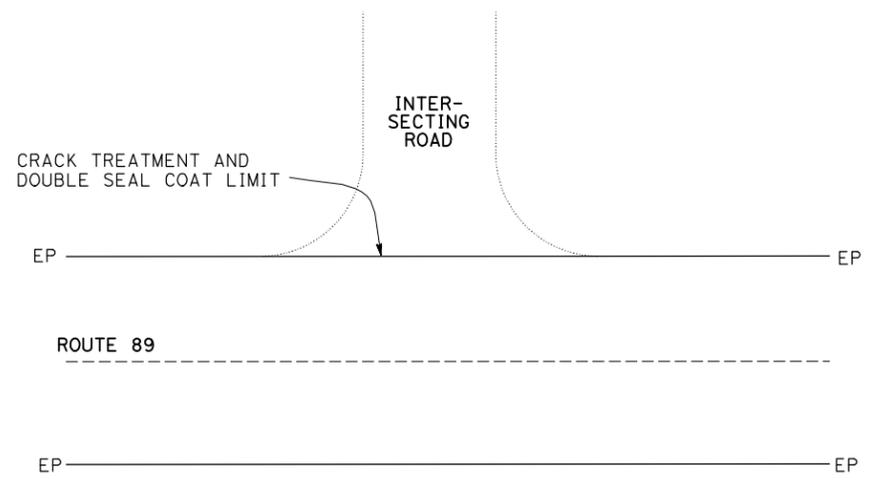
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 MAINTENANCE
 FUNCTIONAL SUPERVISOR
 P. KELLEY
 CHECKED BY
 N. BEACH
 R. HERVEY
 DESIGNED BY
 REVISIONS
 REVISOR
 DATE
 REVISIONS
 REVISOR
 DATE

NOTES:
 1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
 2. SEE SUMMARY OF QUANTITIES FOR LOCATIONS AND DIMENSIONS OF REPLACE ASPHALT CONCRETE SURFACING.
 3. NO WORK ON BRIDGE - PM 2.56 +o PM 2.59.

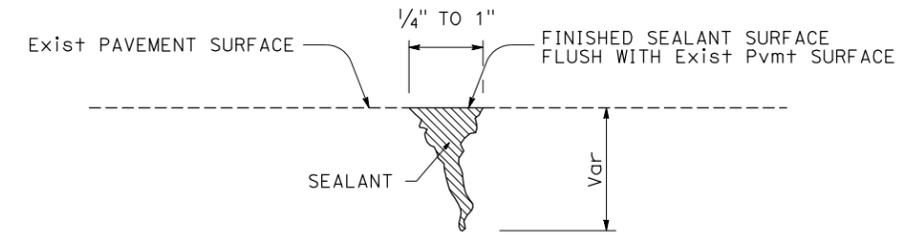
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Ste	89	0.0/6.6	2	7
 REGISTERED CIVIL ENGINEER			11-16-10	DATE	
PLANS APPROVAL DATE 11-30-10					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					



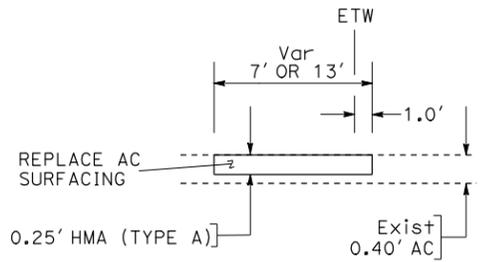
TYPICAL CROSS SECTION
 PM 0.00/2.56
 PM 2.59/6.57



SEAL COAT LIMIT AT INTERSECTING ROADS



CRACK TREATMENT



REPLACE ASPHALT CONCRETE SURFACING
 SECTION VIEW - TYPICAL
 (NB SHOWN, SIMILAR FOR SB)

CONSTRUCTION DETAILS
 NO SCALE
C-1

LAST REVISION 11-08-10 DATE PLOTTED => 06-DEC-2010 TIME PLOTTED => 13:48

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

Sign Letter	Sign Code		Panel Size	Sign Message	Number of post and size	Number of Signs
	Federal	California				
A	G20-1 [Spec] (7)		60" x 30"	ROAD WORK NEXT 7 MILES	2 - 4" x 6"	2
B		C40(Mod)	48" x 36"	TRAFFIC FINES DOUBLED IN WORK ZONES	1 - 4" x 6"	2
C	W20-1	C23	48" x 48"	ROAD WORK AHEAD	1 - 6" x 6"	4
D	G20-2	C14	36" x 18"	END ROAD WORK	1 - 4" x 4"	6

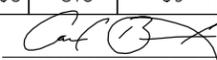
NOTES:

1. POST DIMENSIONS ARE NOMINAL.
2. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
3. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

LEGEND

- ┆ SIGN - SINGLE POST
- ┆ SIGN - DOUBLE POST
- <CA> CALIFORNIA SIGN CODE

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Ste	89	0.0/6.6	3	7

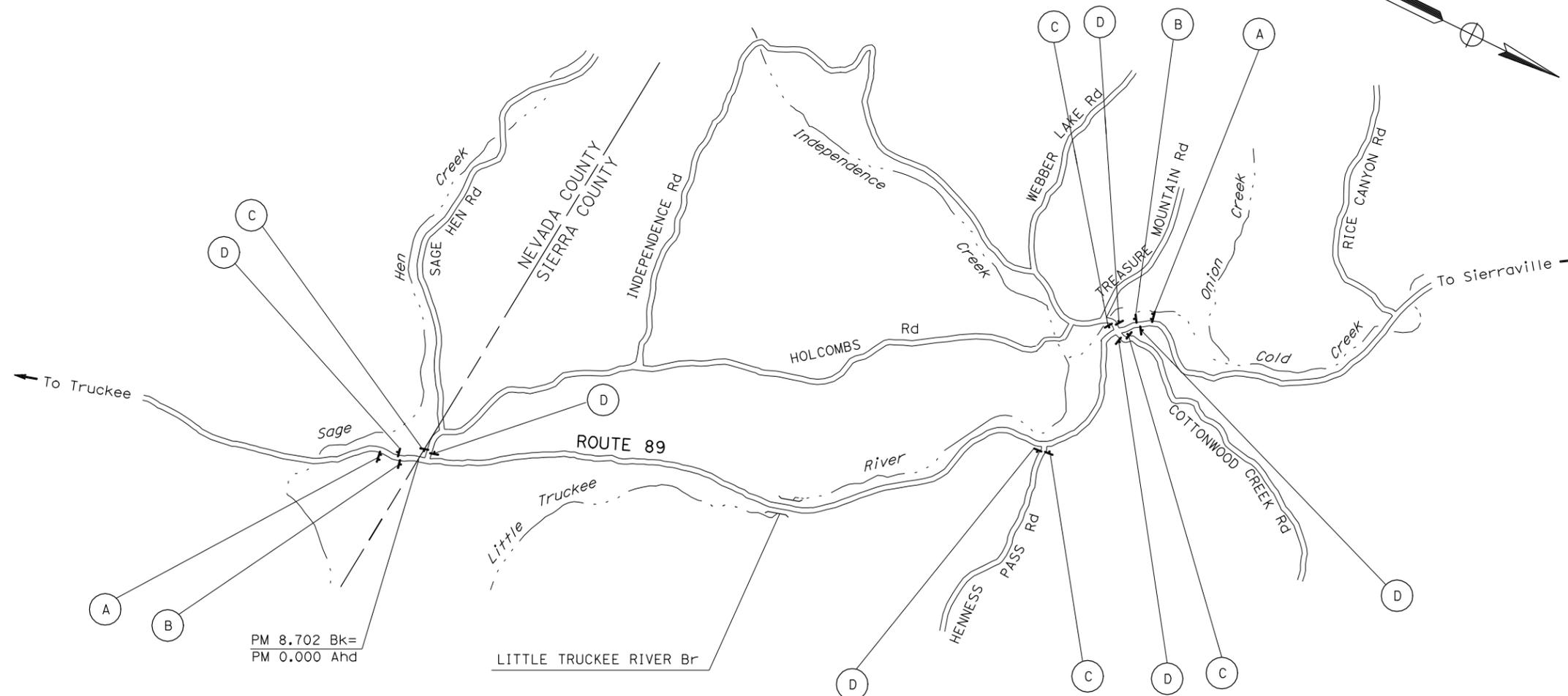
 11-16-10
 REGISTERED CIVIL ENGINEER DATE

11-30-10
 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.

REGISTERED PROFESSIONAL ENGINEER
 REX P. HERVEY
 No. C53302
 Exp. 6-30-11
 CIVIL
 STATE OF CALIFORNIA

SIGN DETAILS



CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
03	Ste	89	0.0/6.6	4	7

11-16-10
REGISTERED CIVIL ENGINEER DATE
11-30-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
REX P. HERVEY
No. C53302
Exp. 6-30-11
CIVIL
STATE OF CALIFORNIA

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REPLACE ASPHALT CONCRETE SURFACING

	APPROXIMATE LOCATION/ DESCRIPTION		LENGTH	WIDTH	HOT MIX ASPHALT (TYPE A) (N)	REPLACE ASPHALT CONCRETE SURFACING
	FROM PM	TO PM				
NORTH BOUND			LF		TON	CY
	2.39	2.40	53	7	7.0	3.4
	2.46	2.47	53	7	7.0	3.4
	2.53	2.55	106	7	13.9	6.9
	2.66	2.70	211	13	51.6	25.4
	2.75	2.76	53	13	13.0	6.4
SOUTH BOUND	2.37	2.39	106	13	25.9	12.8
	2.39	2.42	158	7	20.8	10.2
	2.45	2.47	106	13	25.9	12.8
	2.47	2.48	53	7	7.0	3.4
	2.48	2.49	53	13	13.0	6.4
	2.49	2.52	158	7	20.8	10.2
	2.52	2.56	211	13	51.6	25.4
	2.68	2.73	264	13	64.5	31.8
	2.73	2.74	53	7	7.0	3.4
	2.74	2.75	53	13	13.0	6.4
	2.80	2.83	158	13	38.6	19.0
	2.86	2.90	211	7	27.8	13.7
	2.93	2.94	53	7	7.0	3.4
TOTAL					415.4	204.4

SEAL COAT, FLUSH COAT AND CRACK TREATMENT

LOCATION/ DESCRIPTION	ASPHALTIC EMULSION (POLYMER MODIFIED)	SCREENINGS (COARSE)	SCREENINGS (FINE)	ASPHALTIC EMULSION (FOG SEAL COAT)	SAND COVER	CRACK TREATMENT
PM 0.00/2.56, 2.59/6.57	269	1567	989	24	191	13.3
TOTAL	269	1567	989	24	191	13.3

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

PAVEMENT DELINEATION (MARKINGS)

LOCATION/ DESCRIPTION	TWO-COMPONENT PAINT PAVEMENT MARKING			NOTES
	WORDS	SYMBOLS	LIMIT LINE	
	"STOP"	TYPE III (L+) ARROW	1'-0" WHITE LINE	
	SOFT			
SAGE HEN Rd	22		40	1-"STOP", 40' LIMIT LINE
LOWER LITTLE TRUCKEE RIVER CAMPGROUND			17	17' LIMIT LINE
UPPER LITTLE TRUCKEE RIVER CAMPGROUND			28	28' LIMIT LINE
HENNES PASS Rd-R+	22		28	1-"STOP", 28' LIMIT LINE
WEBER LAKE Rd-L+, COTTONWOOD CREEK Rd-R+	44	84	66	2-"STOP", 2-TYPE III (L+) ARROWS, 40' LIMIT LINE
SUBTOTAL	88	84	179	
TOTAL		351		

PAVEMENT DELINEATION (STRIPING)

LOCATION/ DESCRIPTION	4" THERMOPLASTIC TRAFFIC STRIPE (RECESSED)		4" THERMOPLASTIC TRAFFIC STRIPE (RECESSED, BROKEN 36-12)		8" THERMOPLASTIC TRAFFIC STRIPE (RECESSED)	4" TWO-COMPONENT PAINT TRAFFIC STRIPE	4" TWO-COMPONENT PAINT TRAFFIC STRIPE (BROKEN 12-3)
	21	18	5	18	38A	27B	27C
DETAIL UNIT					LF		
PM 0.00 TO 6.57	51,153	4,451	4,763	4,451	200	68,325	1,075
WEBER LAKE Rd - Lt	120	0	0	0	0	0	0
SUBTOTAL	51,273	4,451	4,763	4,451	200	68,325	1,075
TOTAL	55,724		9,214		200	68,325	1,075

SUMMARY OF QUANTITIES

Q-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION MAINTENANCE
St. Gobran
P. KELLEY
R. HERVEY
N. BEACH
REVISOR BY DATE REVISION
CALCULATED-DESIGNED BY CHECKED BY

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Sie	89	0.0/6.6	5	7

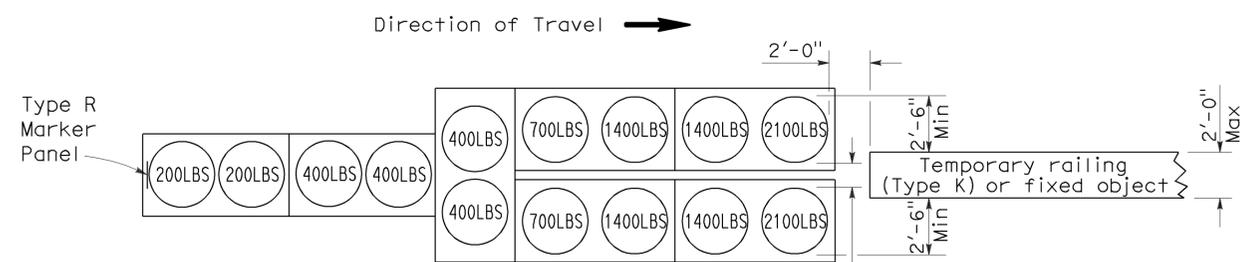
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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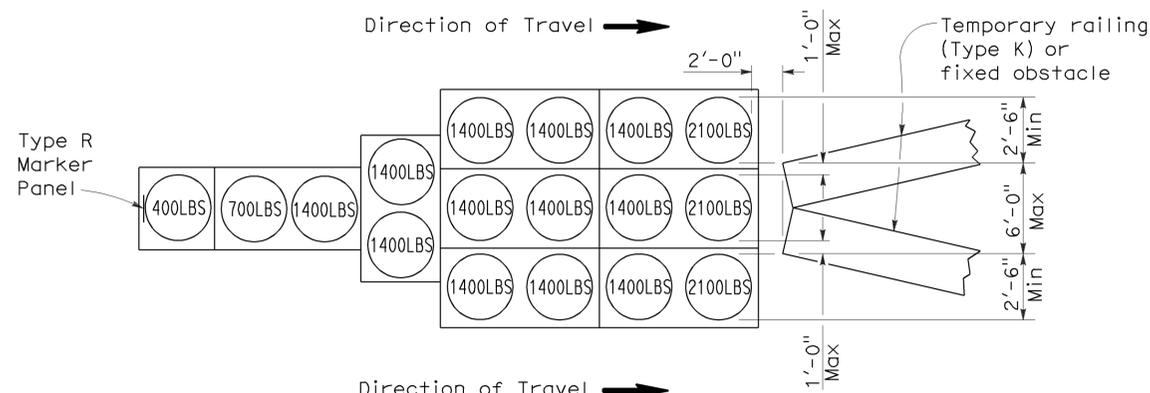
To accompany plans dated November 30, 2010

2006 REVISED STANDARD PLAN RSP T1A



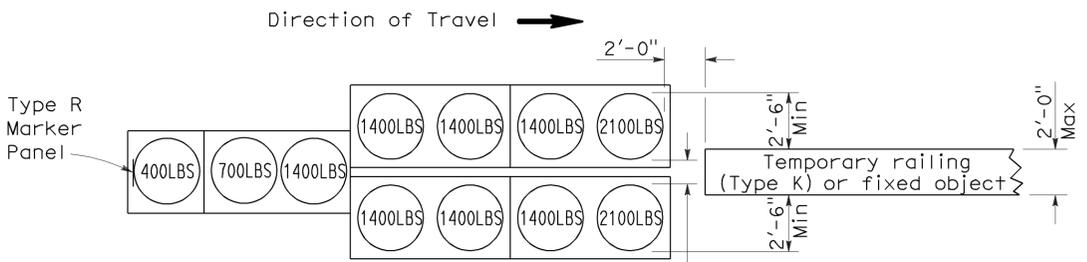
ARRAY 'TU14'

Approach speed 45 mph or more



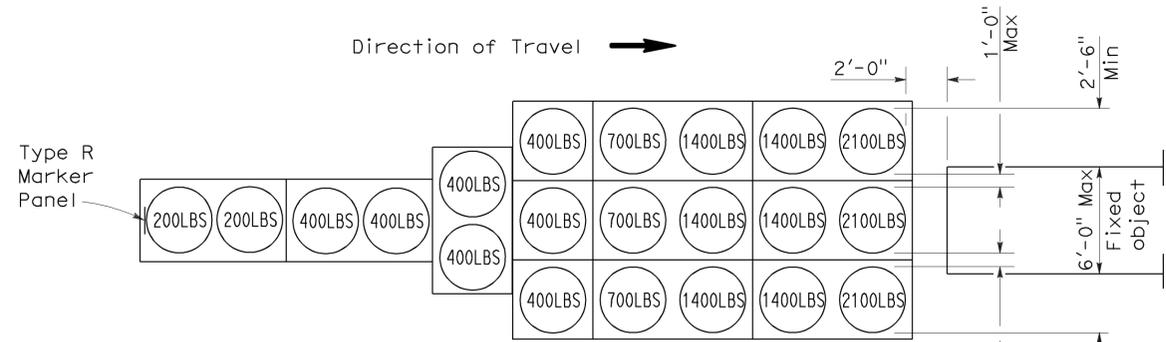
ARRAY 'TU17'

Approach speed less than 45 mph



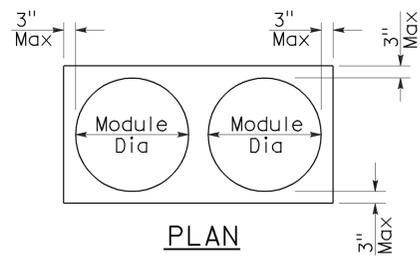
ARRAY 'TU11'

Approach speed less than 45 mph

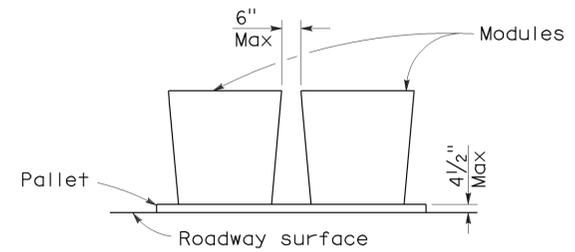


ARRAY 'TU21'

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

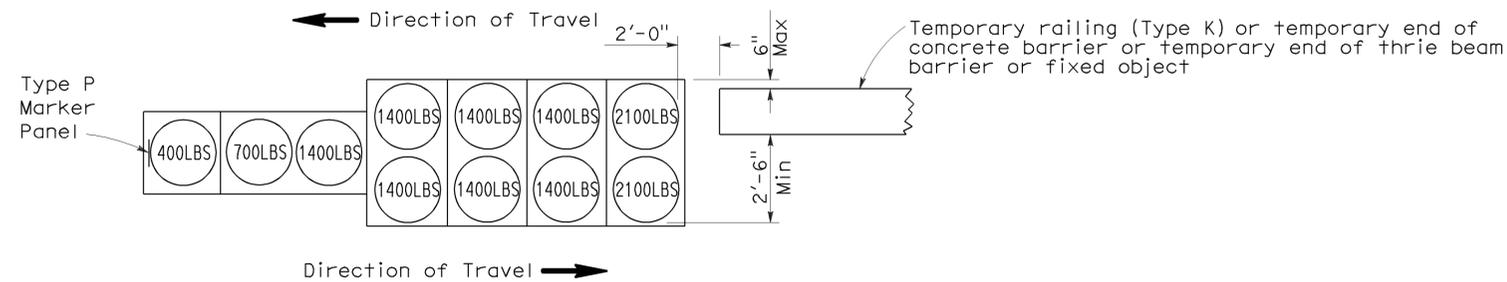
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03	Sie	89	0.0/6.6	6	7

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

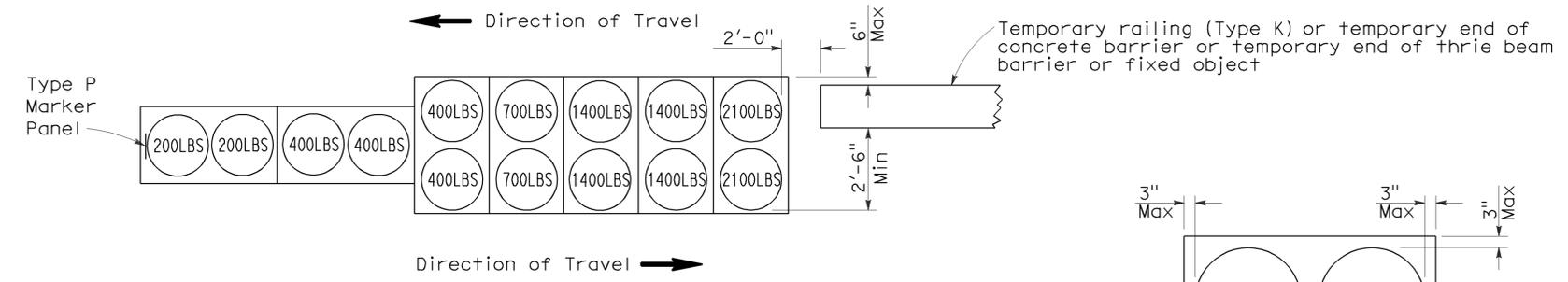
June 6, 2008
PLANS APPROVAL DATE

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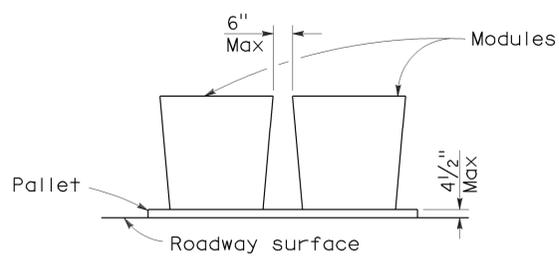
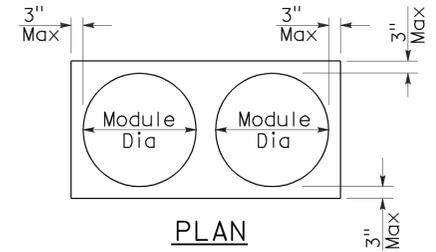
To accompany plans dated November 30, 2010



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

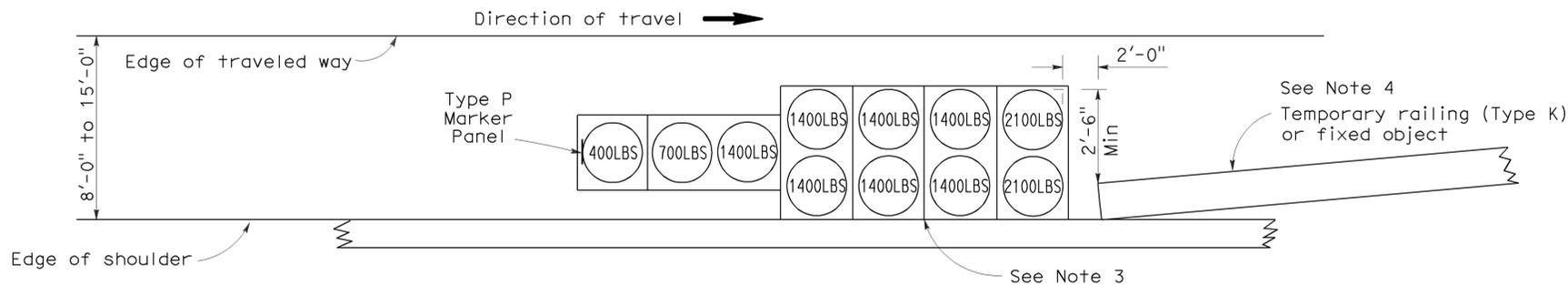
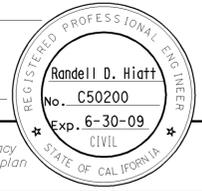
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
03	Sie	89	0.0/6.6	7	7

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

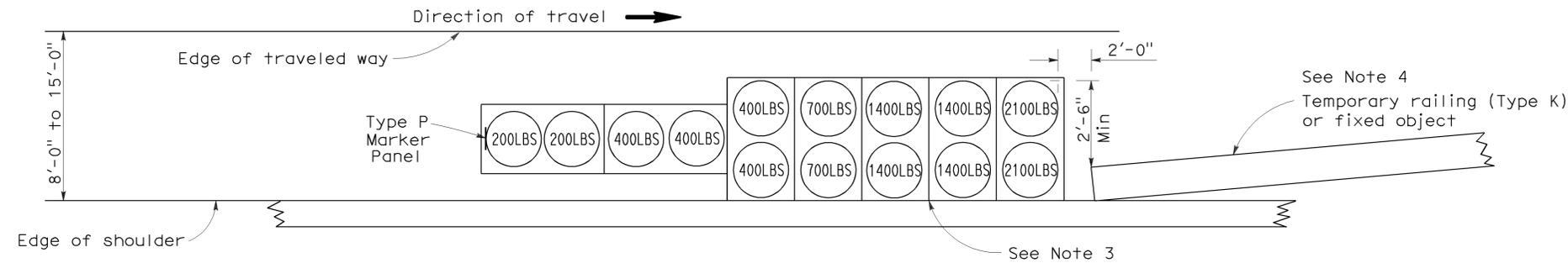
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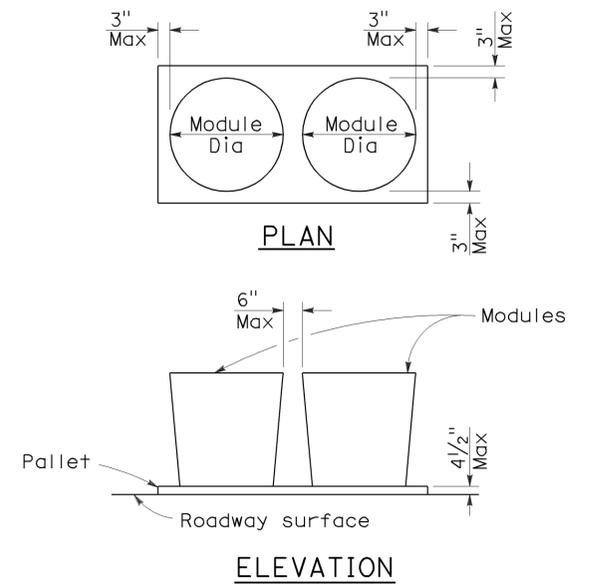
To accompany plans dated November 30, 2010



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