

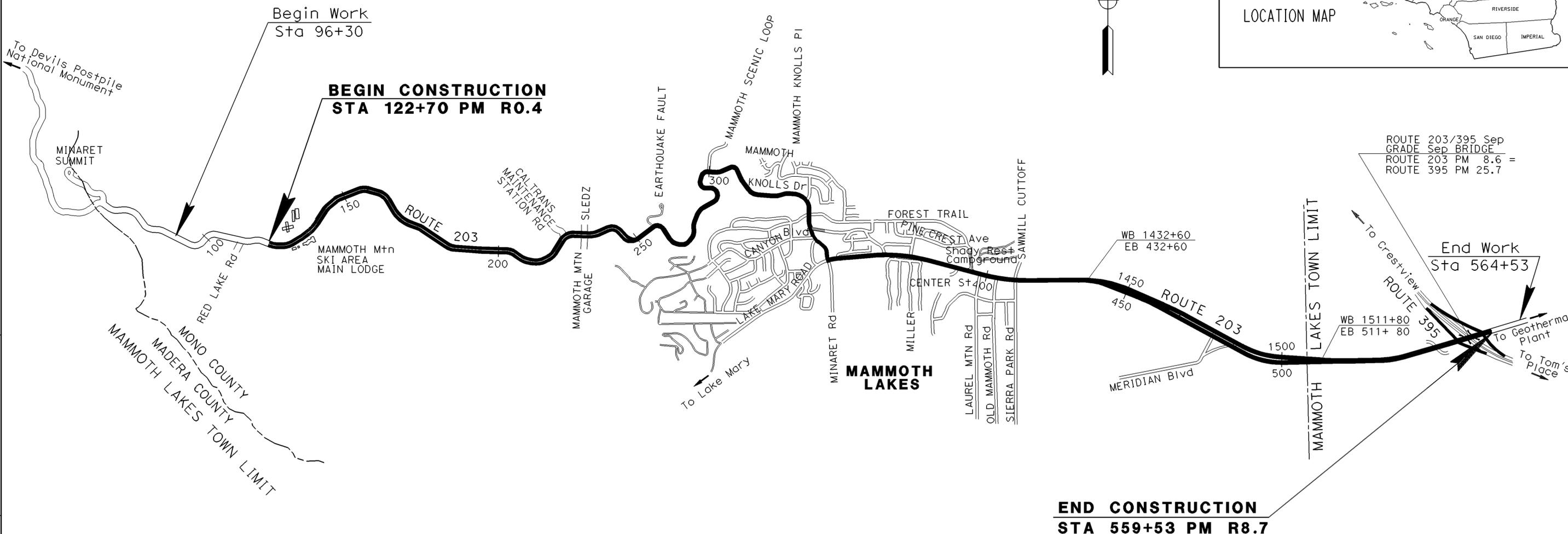
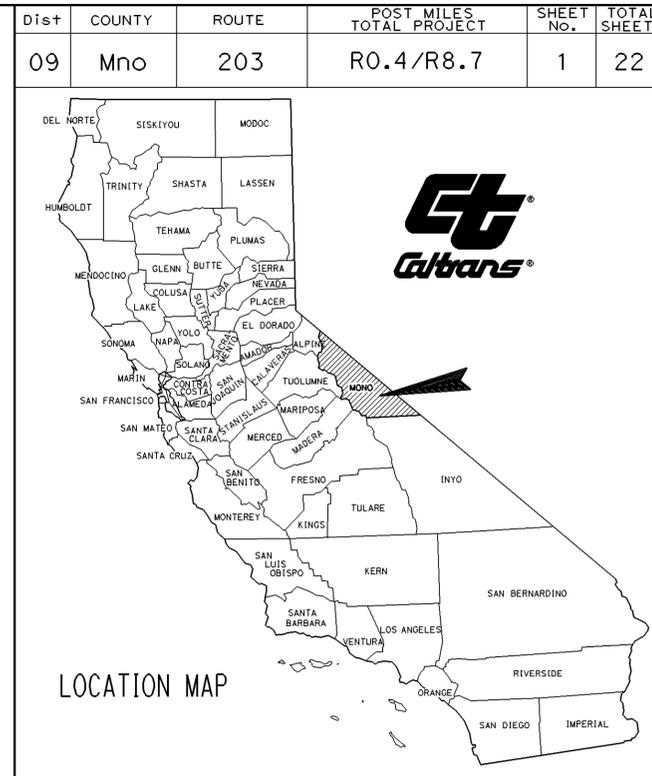
INDEX OF PLANS

SHEET No	DESCRIPTION
1	TITLE AND LOCATION MAP
2-5	TYPICAL CROSS SECTIONS
6-10	CONSTRUCTION DETAILS
11	TEMPORARY WATER POLLUTION CONTROL DETAILS
12	TEMPORARY WATER POLLUTION CONTROL QUANTITIES
13	CONSTRUCTION AREA SIGNS
14	PAVEMENT DELINEATION DETAIL
15	SUMMARY OF QUANTITIES
16-22	REVISED AND NEW STANDARD PLANS

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

STATE OF CALIFORNIA ACSTP-P203(010)E  
**DEPARTMENT OF TRANSPORTATION**  
**PROJECT PLANS FOR CONSTRUCTION ON**  
**STATE HIGHWAY**  
**IN MONO COUNTY IN AND NEAR**  
**MAMMOTH LAKES FROM 1.1 MILE**  
**EAST OF MADERA COUNTY LINE TO**  
**0.1 MILE EAST OF 203/395 SEPARATION**

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



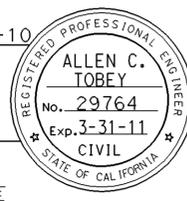
PROJECT MANAGER  
JOHN FOX

DESIGN ENGINEER  
JOHN FOX

*Allen Foley* 01-27-10  
 PROJECT ENGINEER DATE  
 REGISTERED CIVIL ENGINEER

February 1, 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.



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

DC AT BL REVISED BY DATE REVISIONS  
 MONTASHEEMA AFROZE ALLEN TOBEY  
 CALCULATED-DESIGNED BY CHECKED BY  
 JOHN FOX  
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** MAINTENANCE ENGINEERING

- NOTES:**
1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
  2. SUPERELEVATIONS AS SHOWN OR AS DIRECTED BY THE ENGINEER.
  3. HMA-A-W, HMA (TYPE A), AND COLD PLANE ASPHALT CONCRETE LIMITS SHALL BE TO THE EXISTING RUBBERIZED HMA OVERLAY LIMITS.
  4. STATIONING SHOWN IS FOR CONSTRUCTION PURPOSES ONLY.
  5. ALL HMA SHALL BE HMA-A-W EXCEPT THE FIRST 1000 TONS SHALL BE HMA (TYPE A).

**ABBREVIATION:**  
 HMA-A-W - HOT MIX ASPHALT (TYPE A) WITH WARM MIX ASPHALT ADDITIVE

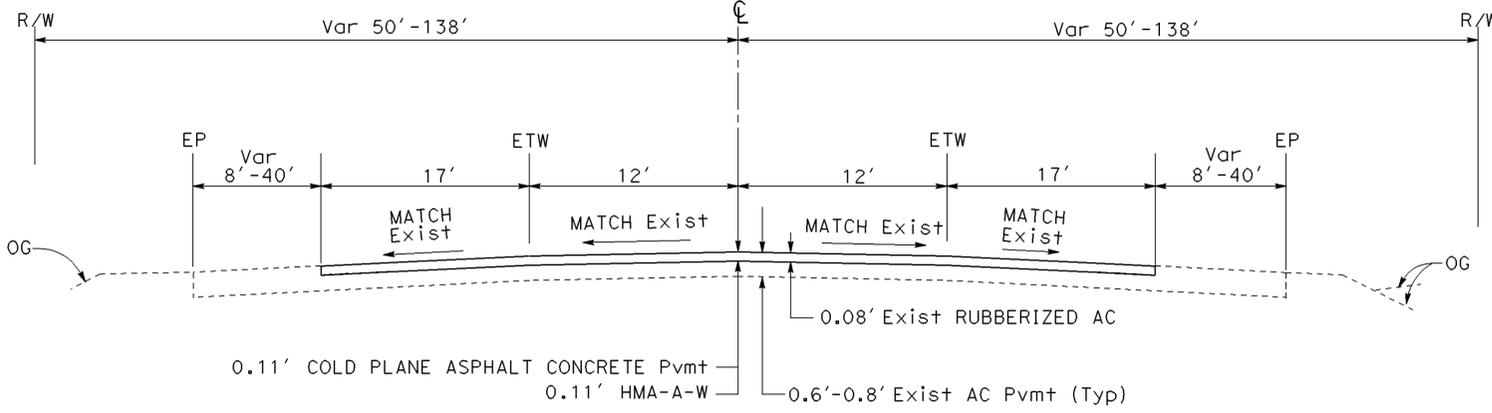
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09	Mno	203	R0.4/R8.7	2	22

Allen Foley 01-27-10  
 REGISTERED CIVIL ENGINEER DATE

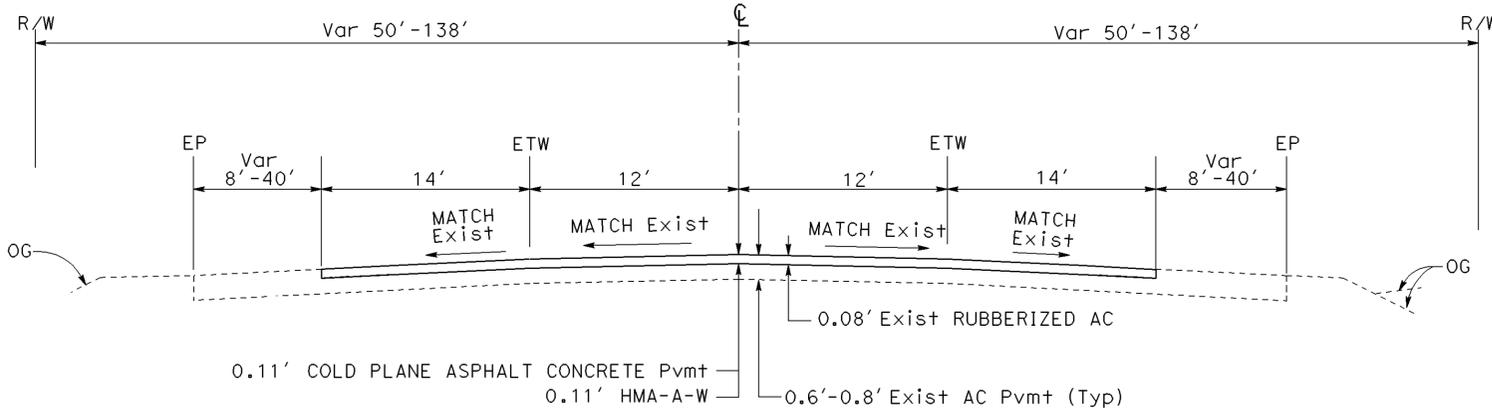
02-01-10  
 PLANS APPROVAL DATE

ALLEN C TOBEY  
 No. 29764  
 Exp. 3-31-11  
 CIVIL  
 STATE OF CALIFORNIA

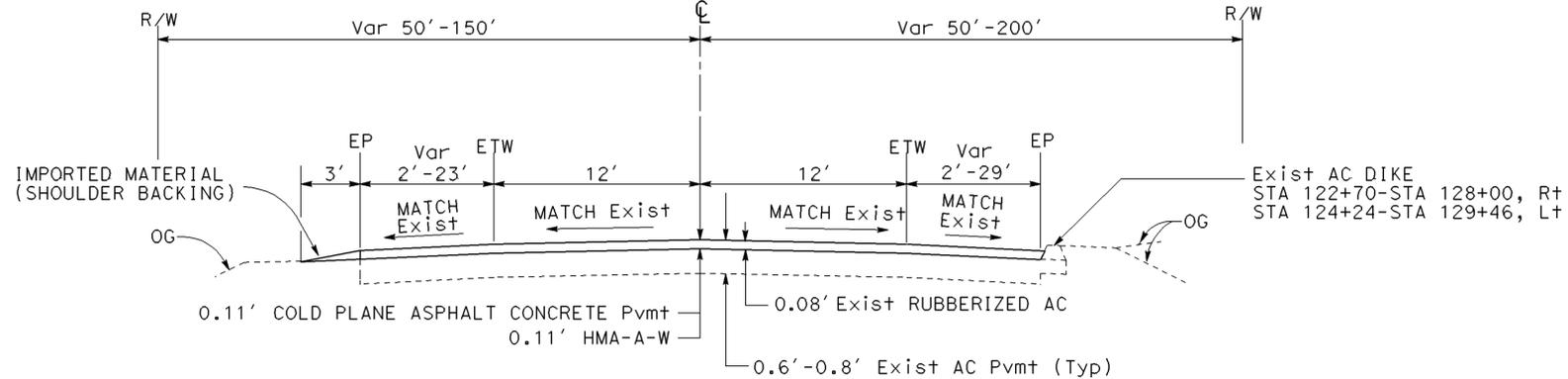
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ROUTE 203  
 STA 135+97 TO STA 163+90



ROUTE 203  
 STA 129+46 TO STA 135+97



ROUTE 203  
 STA 122+70 TO STA 129+46

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS

**TYPICAL CROSS SECTIONS**  
 NO SCALE  
**X-1**

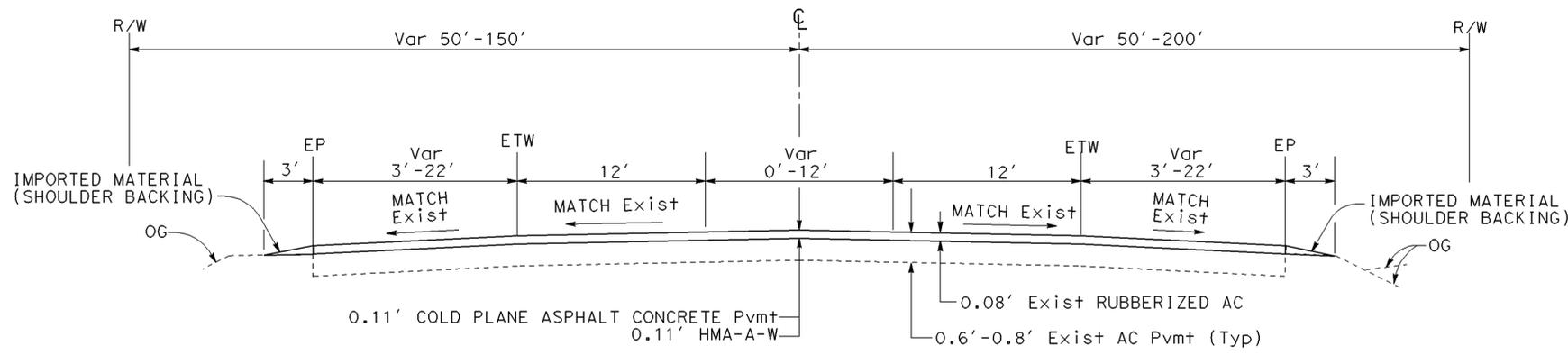
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09	Mno	203	R0.4/R8.7	3	22

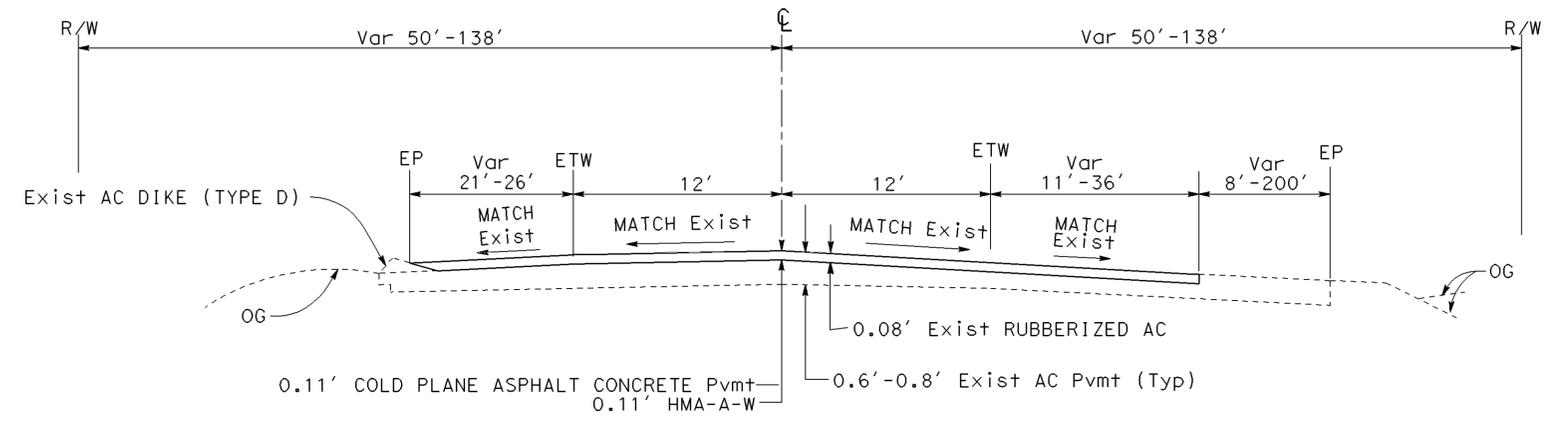
<i>Allen Foley</i>	01-27-10
REGISTERED CIVIL ENGINEER	DATE
02-01-10	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER  
**ALLEN C TOBEY**  
 No. 29764  
 Exp. 3-31-11  
 CIVIL  
 STATE OF CALIFORNIA

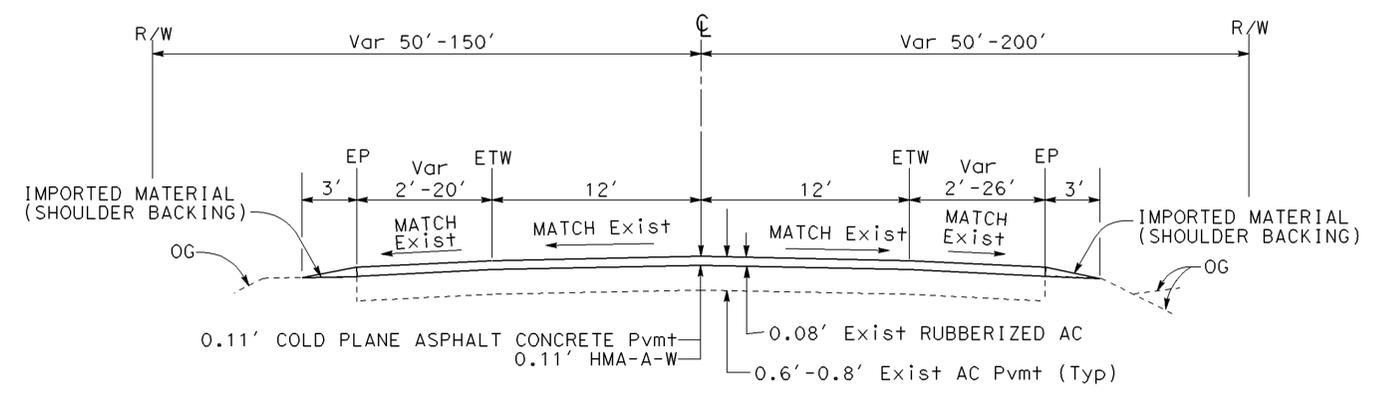
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



ROUTE 203  
 STA 173+30 TO STA 176+64  
 STA 179+74 TO STA 216+36  
 STA 219+42 TO STA 336+30



ROUTE 203  
 STA 164+00 TO STA 165+80 CHAIR 2 PARKING  
 STA 169+90 TO STA 173+30 CHAIR 2 PARKING  
 STA 176+64 TO STA 179+74 CHAIR 10 PARKING  
 STA 216+36 TO STA 219+42 CHAIR 4 PARKING



ROUTE 203  
 STA 163+90 TO STA 164+00  
 STA 165+80 TO STA 169+90 CHAIR 2 PARKING  
 STA 550+00 TO STA 559+53

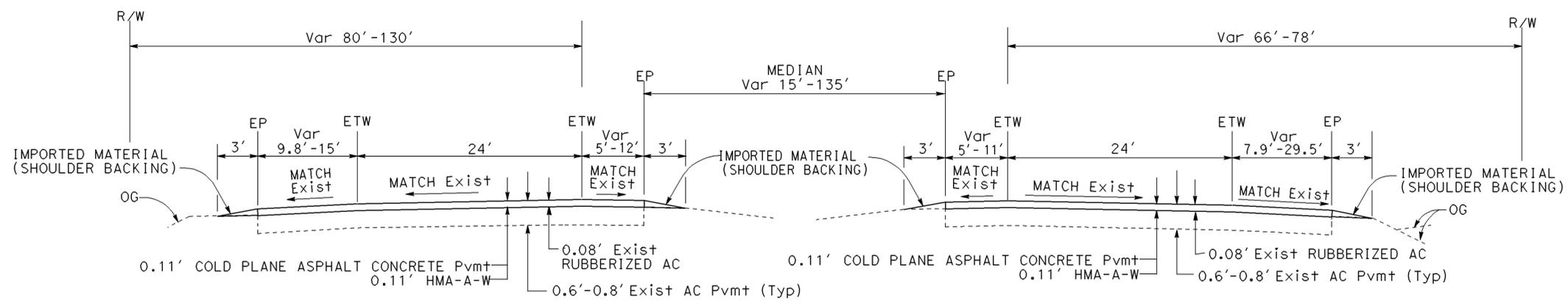
**TYPICAL CROSS SECTIONS**  
NO SCALE **X-2**

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS

DC  
 AT  
 BL  
 REVISED BY  
 DATE REVISED  
 MONTASHEEMA AFROZE  
 ALLEN TOBEY  
 CALCULATED-DESIGNED BY  
 CHECKED BY  
 FUNCTIONAL SUPERVISOR  
**JOHN FOX**  
 DEPARTMENT OF TRANSPORTATION  
**Caltrans MAINTENANCE ENGINEERING**  
 STATE OF CALIFORNIA

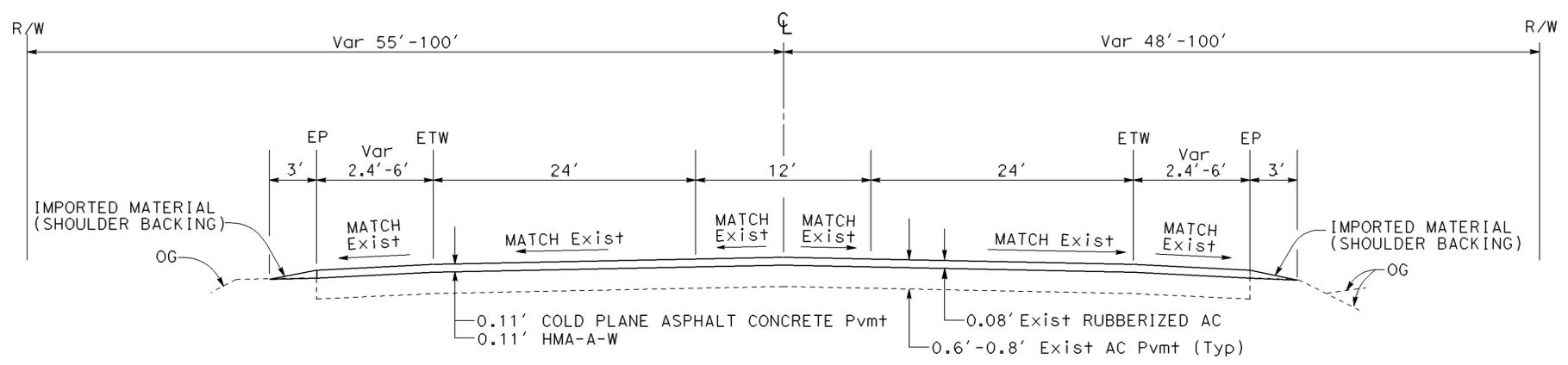
DC  
AT  
BL  
REVISED BY  
MONTASHEEMA AFROZE  
CALCULATED/DESIGNED BY  
CHECKED BY  
FUNCTIONAL SUPERVISOR  
JOHN FOX  
DEPARTMENT OF TRANSPORTATION  
TRANS MAINTENANCE ENGINEERING

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	203	R0.4/R8.7	4	22
Allen Tobey REGISTERED CIVIL ENGINEER DATE 01-27-10					
02-01-10 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>					

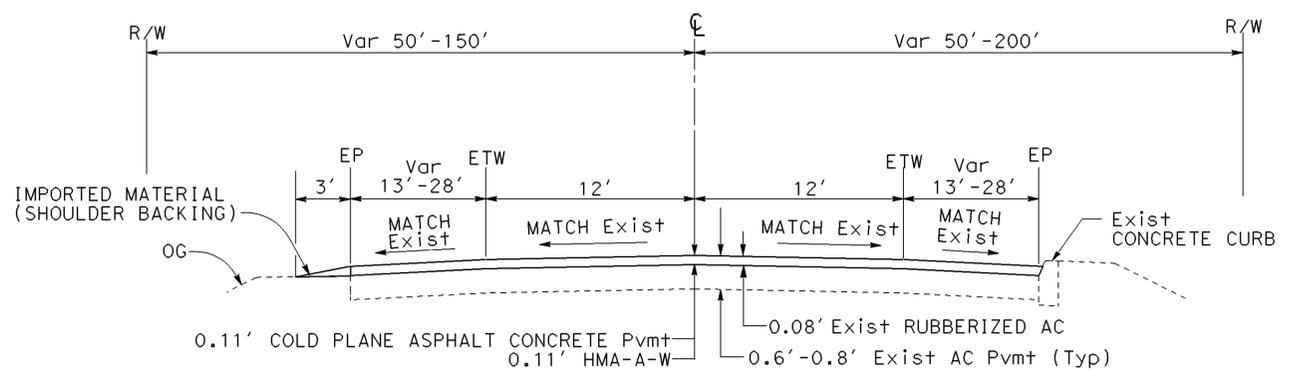


ROUTE 203  
STA 1432+60 TO STA 1511+80

ROUTE 203  
STA 432+60 TO STA 511+80



ROUTE 203  
STA 352+68 TO STA 432+60  
STA 511+80 TO STA 550+00



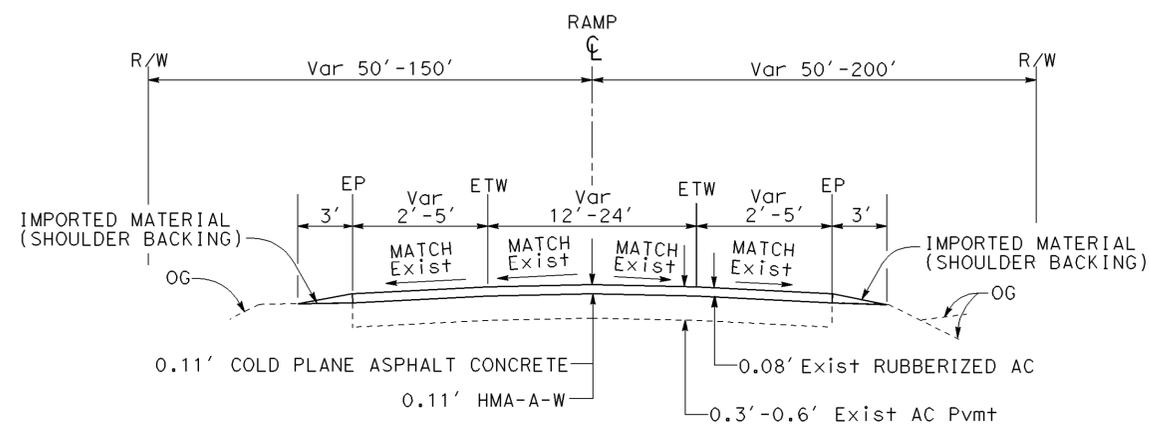
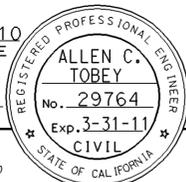
ROUTE 203  
STA 336+30 TO STA 352+68

**TYPICAL CROSS SECTIONS**  
NO SCALE  
**X-3**

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	203	R0.4/R8.7	5	22

Allen Foley 01-27-10  
 REGISTERED CIVIL ENGINEER DATE  
 02-01-10  
 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.



ROUTE 395  
 NORTHBOUND OFF RAMP STA 10+00 TO 18+78  
 NORTHBOUND ON RAMP STA 10+00 TO 21+66  
 SOUTHBOUND OFF RAMP STA 110+00 TO 123+83  
 SOUTHBOUND ON RAMP STA 110+00 TO 120+89

DC AT BL REVISED BY DATE REVISIONS  
 MONTASHEEMA AFROZE ALLEN TOBEY  
 CALCULATED-DESIGNED BY CHECKED BY  
 FUNCTIONAL SUPERVISOR JOHN FOX  
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** MAINTENANCE ENGINEERING

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS

**TYPICAL CROSS SECTIONS**  
 NO SCALE  
**X-4**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** MAINTENANCE ENGINEERING

FUNCTIONAL SUPERVISOR  
**JOHN FOX**

CALCULATED/DESIGNED BY  
**ALLEN TOBEY**

CHECKED BY  
**BRAD LARSON**

REVISOR BY  
**AT**

DATE REVISOR  
 12-14-09

DC  
 BL  
 01-27-10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	203	RO.4/R8.7	6	22

*Allen Tobey* 01-27-10  
 REGISTERED CIVIL ENGINEER DATE  
 02-01-10  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
**ALLEN C. TOBEY**  
 No. 29764  
 Exp. 3-31-11  
 CIVIL  
 STATE OF CALIFORNIA

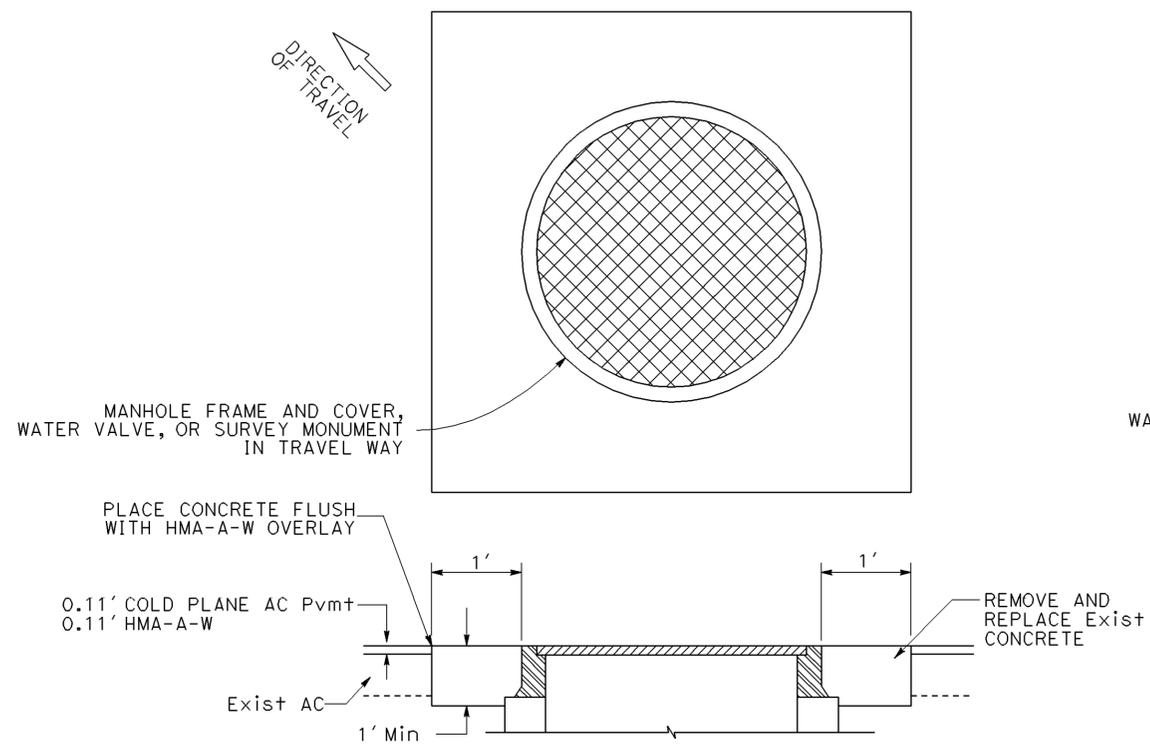
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**NOTE:**

SEE SHEET C-5 FOR LOCATION OF ADJUST FRAME & COVER TO GRADE AND COLD PLANE UTILITIES.

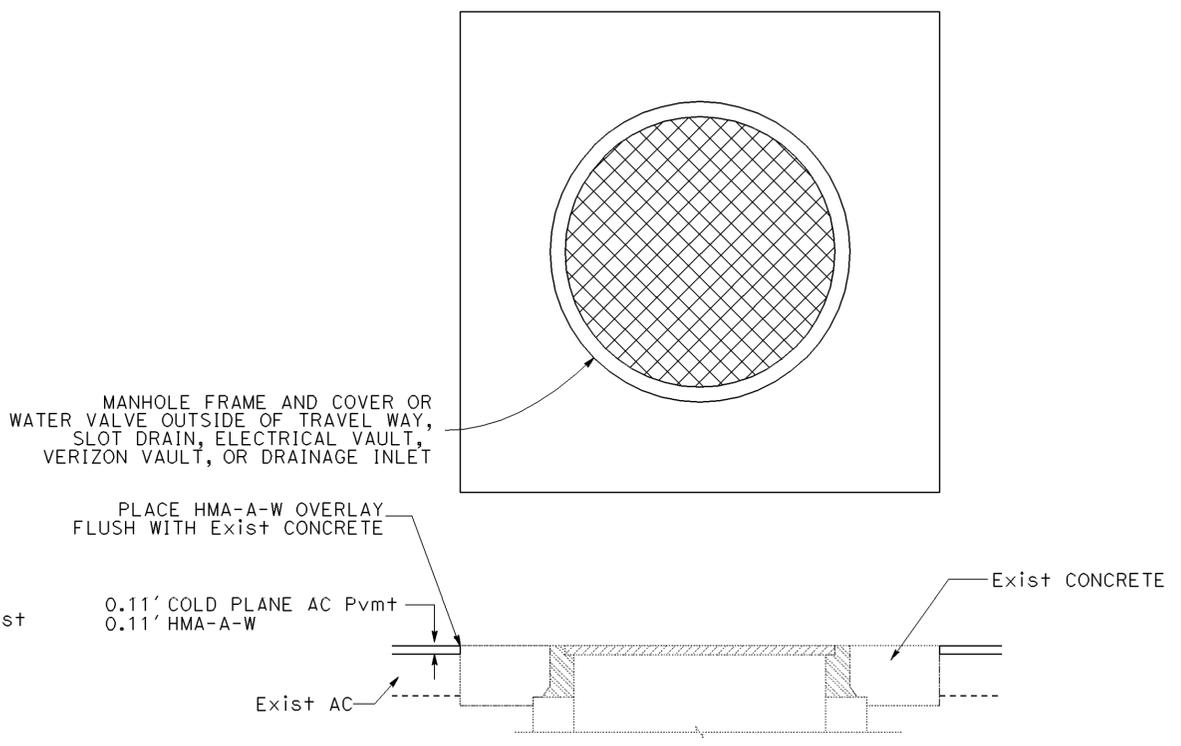
**ABBREVIATION:**

SCE - SOUTHERN CALIFORNIA EDISON



**ADJUST FRAME AND COVER TO GRADE**

24" ROUND SEWER MANHOLE COVER IN TRAVEL WAY  
 WATER VALVE IN TRAVEL WAY  
 SURVEY MONUMENT IN TRAVEL WAY



**COLD PLANE UTILITIES**

24" ROUND SEWER MANHOLE COVER OUTSIDE OF TRAVEL WAY  
 WATER VALVE OUTSIDE OF TRAVEL WAY  
 SLOT DRAIN  
 SCE ELECTRICAL VAULT  
 VERIZON TELEPHONE VAULT  
 DRAINAGE INLET

**CONSTRUCTION DETAILS**  
 NO SCALE  
**C-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** MAINTENANCE ENGINEERING  
 FUNCTIONAL SUPERVISOR **JOHN FOX**  
 ALLEN TOBEY  
 BRAD LARSON  
 REVISIONS: AT 12-14-09, DC 12-02-09, BL 01-27-10  
 REVISIONS: AT 12-14-09, DC 12-02-09, BL 01-27-10  
 REVISIONS: AT 12-14-09, DC 12-02-09, BL 01-27-10

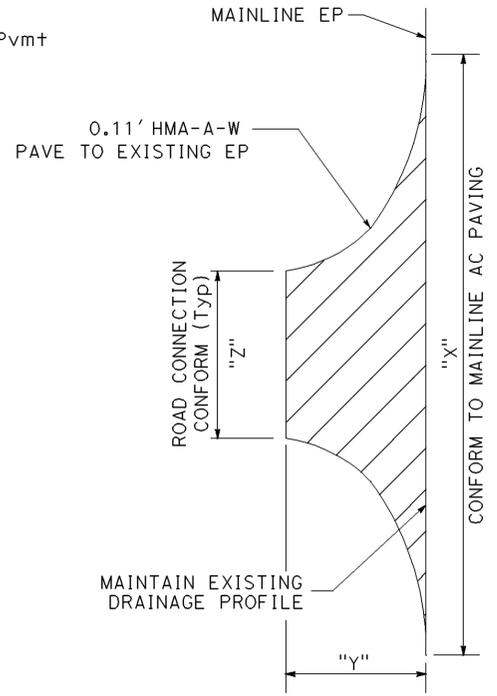
**NOTE:**

IN LOCATIONS OF TRAFFIC LOOPS ONLY COLD PLANE TO THE MINIMUM DEPTH NECESSARY TO REMOVE THE EXISTING 1" OVERLAY.

**LEGEND**

- 0.11' COLD PLANE ASPHALT CONCRETE Pvm+
- 0.11' HMA-A-W

<b>MAINTAINING EXISTING TRAFFIC MANAGEMENT ELEMENTS DURING CONSTRUCTION</b>			
<b>EXISTING INDUCTIVE LOOP DETECTORS</b>			
POST MILE	WB	EB	DESCRIPTION
4.41	1	1	FOREST TRAIL
4.81	3	2	LAKE MARY ROAD
5.625	2	2	OLD MAMMOTH ROAD
6.726	2	2	MERIDIAN Blvd
7.825	2	2	Jct Rte 395



**TYPICAL ROAD CONNECTION HMA PAVING LIMITS**

<b>ROAD CONNECTION PAVING LIMITS</b>						
STATION	L+	R+	"X"	"Y"	"Z"	DESCRIPTION
178+19		X	310.0	3.0	310.0	CHAIR 10 PARKING LOT
217+89		X	306.0	3.0	306.0	CHAIR 4 PARKING LOT
225+00	X		87.0	43.0	25.0	CALTRANS, MINARET MAINTENANCE FACILITY
233+50		X	89.0	37.0	38.0	MMSA GARAGE
233+50	X		70.0	20.0	31.0	PRIVATE DRIVEWAY
253+90	X		82.0	34.0	20.0	EARTHQUAKE FAULT ROAD
300+00	X		106.0	63.0	30.0	MAMMOTH SCENIC LOOP ROAD
331+98	X		80.0	30.0	38.0	MAMMOTH KNOLLS ROAD
336+00	X		48.0	20.0	29.0	FOREST TRAIL ROAD
336+00		X	72.0	18.0	43.0	FOREST TRAIL ROAD
340+40	X		72.0	24.0	37.0	BERNER STREET
352+00		X	120.0	25.0	90.0	LAKE MARY ROAD
352+00		X	95.0	35.0	64.0	MINARET ROAD
355+00	X		60.0	3.0	52.0	VIEW POINT ROAD
368+80	X		73.0	8.0	56.0	MOUNTAIN Blvd
368+80		X	62.0	3.0	54.0	FRONTAGE ROAD CONNECTION
372+63		X	61.0	3.0	51.0	FRONTAGE ROAD CONNECTION
400+18	X		17.0	3.0	17.0	ENTRANCE USFS HOUSING
405+84		X	64.0	3.0	46.0	ENTRANCE SHELL MART
409+23		X	75.0	3.0	55.0	SIERRA PARK ROAD
409+29	X		63.0	3.0	50.0	SAWMILL CUTOFF
412+15		X	29.0	7.0	20.0	ENTRANCE COMMUNITY CHURCH
420+00	X		50.0	3.0	40.0	WEST ENTRANCE, MAMMOTH VISITOR CENTER
421+26		X	57.0	23.0	31.0	MAMMOTH MOUNTAIN R.V. PARK
1443+15	X		45.0	7.0	40.0	USFS SERVICE ROAD
463+20		X	404.0	112.0	71.0	MERIDIAN Blvd
463+20	X		123.0	122.0	47.0	MERIDIAN Blvd MEDIAN CROSSOVER, NO GRIND
503+80	X		88.0	104.0	49.0	MEDIAN CROSSOVER, NO GRIND
542+53	X		73.0	100.0	25.0	ROAD CONNECTION
543+06		X	94.0	86.0	33.0	ROAD CONNECTION

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	203	RO.4/R8.7	7	22

01-27-10  
 REGISTERED CIVIL ENGINEER DATE  
 02-01-10  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
**ALLEN C. TOBEY**  
 No. 29764  
 Exp. 3-31-11  
 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.

**CONSTRUCTION DETAILS**  
NO SCALE  
**C-2**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** MAINTENANCE ENGINEERING  
 FUNCTIONAL SUPERVISOR **JOHN FOX**  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 ALLEN TOBEY  
 BRAD LARSON  
 REVISOR BY  
 DATE REVISED  
 AT  
 12/14/09  
 01-27-10  
 12/02/09  
 DC  
 BL  
 AT

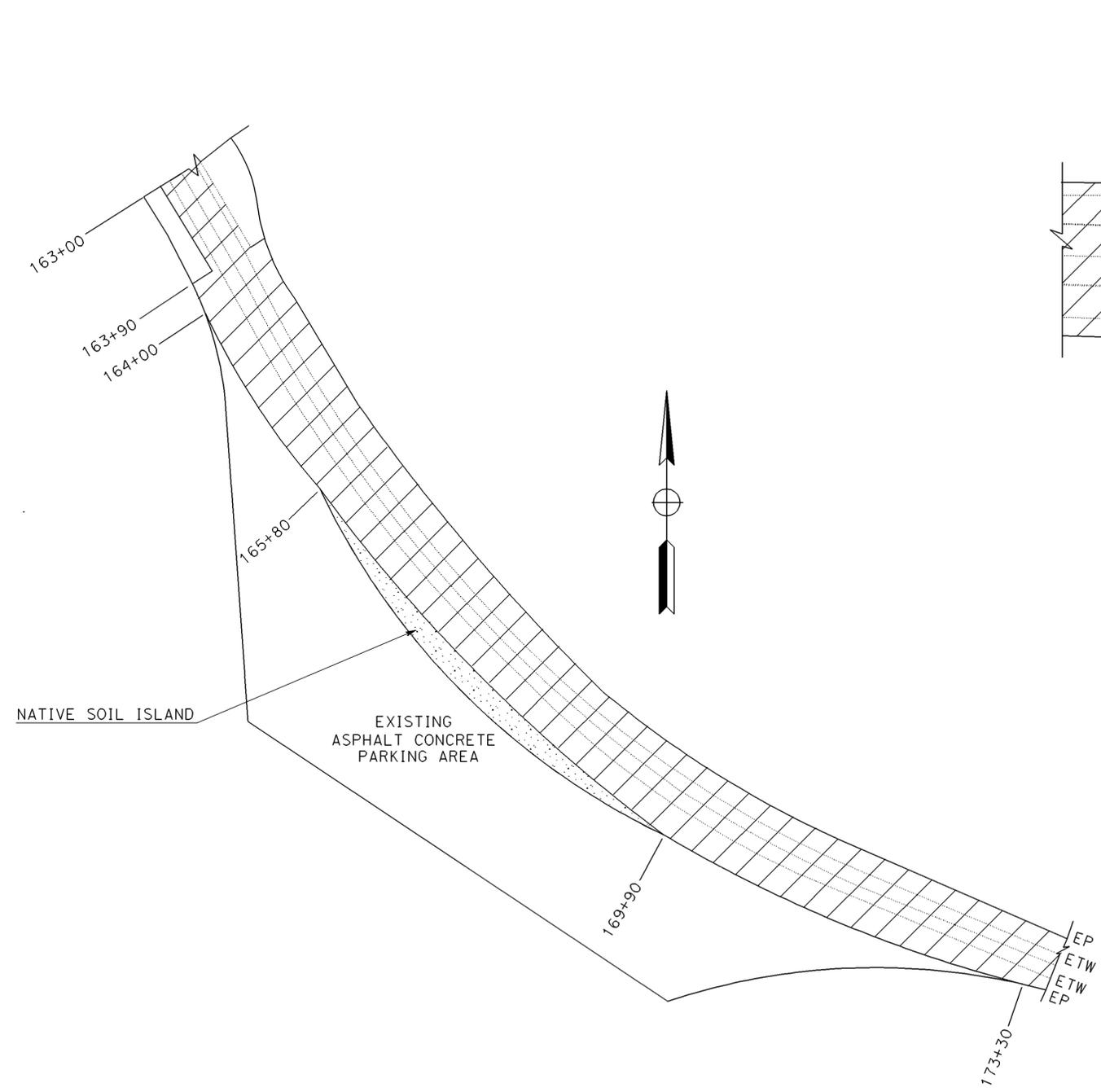
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09	Mno	203	R0.4/R8.7	8	22

Allen Tobey 01-27-10  
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 02-01-10  
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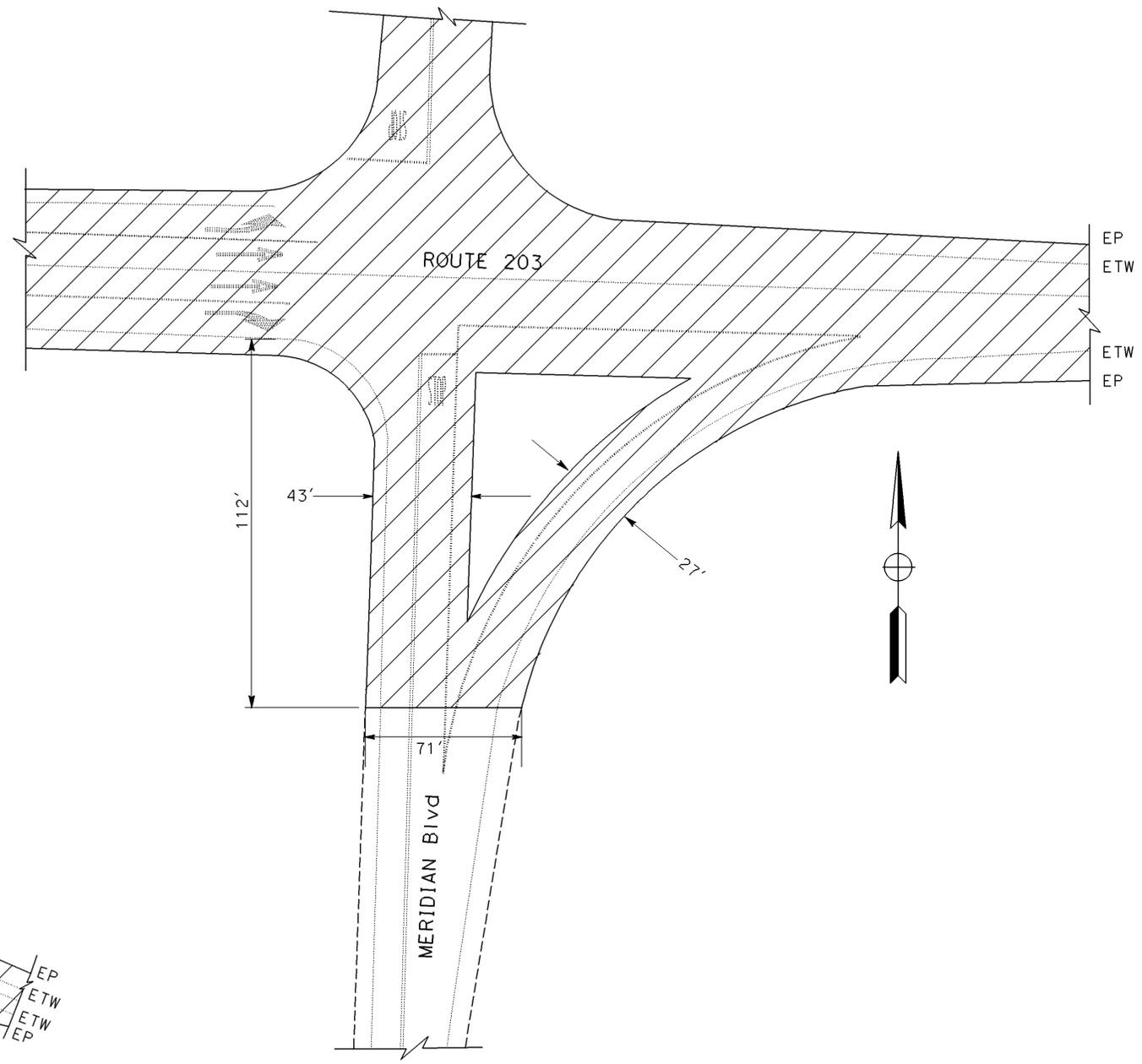
REGISTERED PROFESSIONAL ENGINEER  
 ALLEN C. TOBEY  
 No. 29764  
 Exp. 3-31-11  
 CIVIL  
 STATE OF CALIFORNIA

**LEGEND**

0.11' COLD PLANE ASPHALT CONCRETE Pvm+  
 0.11' HMA-A-W



**LIMITS OF HMA-A-W  
 AT CHAIR 2 PARKING INTERSECTION**  
 STA 163+00 TO 173+30



**LIMITS OF HMA-A-W  
 AT MERIDIAN BLVD INTERSECTION**  
 STA 463+20

EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS

**CONSTRUCTION DETAILS**  
 NO SCALE  
**C-3**

IMPORTED MATERIAL (SHOULDER BACKING)			
LOCATION	STATION	LEFT	RIGHT
Rte 203	173+50 TO 175+76		X
	175+76 TO 176+70	X	X
	179+77 TO 183+71		X
	183+71 TO 185+64	X	X
	185+64 TO 192+65		X
	192+65 TO 194+73	X	X
	194+73 TO 196+44		X
	206+65 TO 211+93		X
	225+00 TO 228+00	X	
	233+85 TO 234+55		X
	240+00 TO 241+87	X	
	241+87 TO 252+35		X
	253+43 TO 258+00	X	
	258+90 TO 272+75		X
	277+00 TO 280+30	X	
	280+30 TO 281+05	X	X
	281+05 TO 289+25		X
	295+00 TO 295+40	X	
	295+40 TO 301+30	X	X
	301+30 TO 306+15	X	
	306+15 TO 336+00	X	X
	340+40 TO 343+80	X	
	352+68 TO 356+06	X	
	354+40 TO 373+95		X
	362+87 TO 363+37	X	
	370+00 TO 370+89	X	
	409+80 TO 432+65	X	
	409+90 TO 421+06		X
	425+95 TO 429+25		X
	432+72 TO 442+50	X	X
	442+50 TO 445+24		X
	446+27 TO 456+51	X	
456+51 TO 485+57	X	X	
485+57 TO 497+64		X	
497+64 TO 505+28	X	X	
505+28 TO 511+98	X		
511+98 TO 514+25		X	
514+25 TO 516+47	X	X	
516+47 TO 518+30	X		
536+42 TO 560+00	X	X	
1433+24 TO 1442+97	X	X	
1442+97 TO 1443+77	X		
1454+58 TO 1461+87		X	
1461+87 TO 1472+55	X	X	
1472+55 TO 1473+94	X		
1480+00 TO 1484+50	X		
1498+51 TO 1510+30	X	X	
1510+30 TO 1511+98		X	
Rte 395 NB OFF	10+00 TO 18+78	X	X
Rte 395 NB ON	10+00 TO 21+66	X	X
Rte 395 SB OFF	110+00 TO 123+83	X	X
Rte 395 SB ON	110+00 TO 120+89	X	X

NOTE:  
 TOTALS ARE SHOWN ON SHEET 0-1.

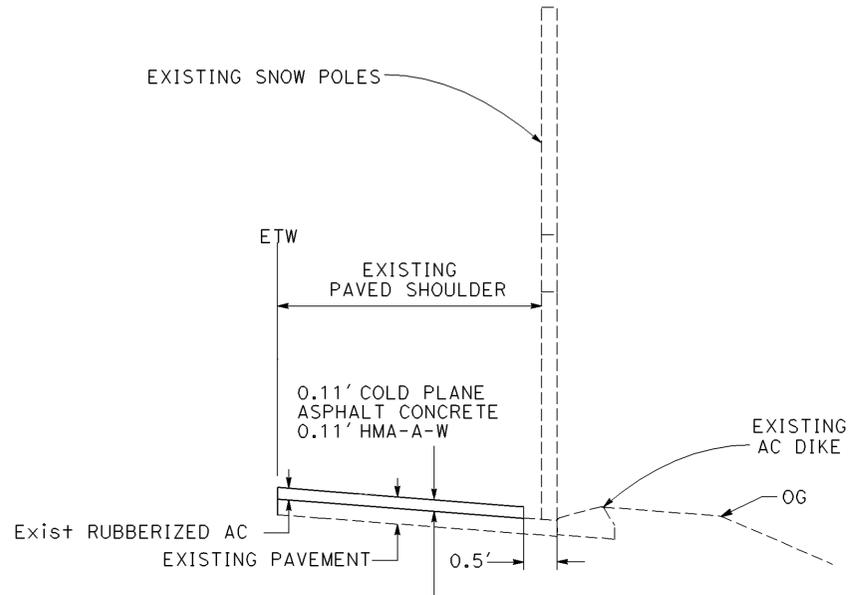
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	203	RO.4/R8.7	9	22

Allen Foley 01-27-10  
 REGISTERED CIVIL ENGINEER DATE

02-01-10  
 PLANS APPROVAL DATE

ALLEN C. TOBEY  
 No. 29764  
 Exp. 3-31-11  
 CIVIL  
 STATE OF CALIFORNIA

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**TYPICAL AC DIKE PAVING DETAIL**

**CONSTRUCTION DETAILS**  
 NO SCALE  
**C-4**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Stantec** MAINTENANCE ENGINEERING  
 FUNCTIONAL SUPERVISOR **JOHN FOX**  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 MONTASHEEMA AFROZE  
 ALLEN TOBEY  
 REVISED BY  
 DATE REVISED  
 BL  
 DC  
 AT  
 01-27-10 12-02-09 12-14-09

## ADJUST FRAME AND COVER TO GRADE & COLD PLANE UTILITIES

STATION	LEFT	RIGHT	ADJUST TO GRADE EA	COLD PLANE AC (N) EA	DESCRIPTION
125+85		X		1	DRAINAGE INLET
129+34		X		1	SLOT DRAIN ACROSS ROAD
179+27	X			1	SCE ELECTRICAL VAULT
194+30	X			1	SCE ELECTRICAL VAULT
209+40	X			1	SCE ELECTRICAL VAULT
215+65	X			1	SCE ELECTRICAL VAULT
224+90	X			1	SCE ELECTRICAL VAULT
287+20	X			1	DRAIN INLET & SLOT DRAIN
336+27		X	1		12" SURVEY MONUMENT
336+58	X		1		24" SEWER FRAME & COVER
336+84	X			1	36" TELEPHONE VAULT
337+33		X		1	SCE ELECTRICAL VAULT
338+80	X		1		24" SEWER FRAME & COVER
338+88		X	1		WATER VALVE FRAME & COVER
340+29	X		1		WATER VALVE FRAME & COVER
341+10	X			1	SCE ELECTRICAL VAULT
342+57	X		1		24" SEWER FRAME & COVER
343+06	X			1	36" TELEPHONE VAULT
343+83		X	1		WATER VALVE FRAME & COVER
343+88		X		1	WATER VALVE FRAME & COVER
344+70	X			1	SCE ELECTRICAL VAULT
345+23		X		1	SCE ELECTRICAL VAULT
345+67	X		1		24" SEWER FRAME & COVER
346+50		X	1		WATER VALVE FRAME & COVER
346+85		X	1		WATER VALVE FRAME & COVER
346+95		X		1	DRAINAGE INLET
347+52		X		1	DRAINAGE INLET
347+65	X			1	SCE ELECTRICAL VAULT
347+92		X	1		WATER VALVE FRAME & COVER
347+96		X	1		WATER VALVE FRAME & COVER
348+31		X		1	DRAINAGE INLET
348+41	X		1		24" SEWER FRAME & COVER
348+75	X			1	SCE ELECTRICAL VAULT
348+98		X	1		WATER VALVE FRAME & COVER
349+15		X		1	DRAINAGE INLET
349+94		X	1		WATER VALVE FRAME & COVER
350+02		X	1		WATER VALVE FRAME & COVER
350+26		X		1	DRAINAGE INLET WITH SLOT DRAIN
350+46		X		1	DRAINAGE INLET WITH SLOT DRAIN
352+00		X	1		24" SEWER FRAME & COVER
352+02		X	1		24" SEWER FRAME & COVER
354+00		X		1	DRAIN INLET & SLOT DRAIN
357+46		X		1	WATER VALVE FRAME & COVER
357+87	X		1		24" SEWER FRAME & COVER
358+02		X		1	WATER VALVE FRAME & COVER
358+05		X		1	WATER VALVE FRAME & COVER
358+15		X		1	WATER VALVE FRAME & COVER
361+56		X		1	WATER VALVE FRAME & COVER
363+04		X		1	WATER VALVE FRAME & COVER
363+23	X		1		24" SEWER FRAME & COVER
364+42		X		1	WATER VALVE FRAME & COVER
368+12		X		1	WATER VALVE FRAME & COVER
368+59	X		1		24" SEWER FRAME & COVER
369+43		X	1		WATER VALVE FRAME & COVER
369+44		X	1		WATER VALVE FRAME & COVER
369+47		X	1		WATER VALVE FRAME & COVER
369+48		X	1		WATER VALVE FRAME & COVER
372+65	X		1		24" SEWER FRAME & COVER

NOTE:

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	203	RO.4/R8.7	10	22

*Allen Foley* 01-27-10  
 REGISTERED CIVIL ENGINEER DATE  
 02-01-10  
 PLANS APPROVAL DATE

**ALLEN C. TOBEY**  
 No. 29764  
 Exp. 3-31-11  
 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.

## ADJUST FRAME AND COVER TO GRADE & COLD PLANE UTILITIES (Cont)

STATION	LEFT	RIGHT	ADJUST TO GRADE EA	COLD PLANE AC (N) EA	DESCRIPTION
376+98	X		1		24" SEWER FRAME & COVER
381+25	X		1		24" SEWER FRAME & COVER
382+56		X		1	WATER VALVE FRAME & COVER
383+46		X	1		WATER VALVE FRAME & COVER
384+94		X	1		WATER VALVE FRAME & COVER
384+98		X	1		WATER VALVE FRAME & COVER
385+74		X	1		WATER VALVE FRAME & COVER
386+57	X		1		24" SEWER FRAME & COVER
390+63		X	1		WATER VALVE FRAME & COVER
391+38		X	1		WATER VALVE FRAME & COVER
391+39		X	1		WATER VALVE FRAME & COVER
391+40		X	1		WATER VALVE FRAME & COVER
391+55	X		1		24" SEWER FRAME & COVER
395+38		X	1		WATER VALVE FRAME & COVER
395+39		X	1		WATER VALVE FRAME & COVER
395+40		X	1		WATER VALVE FRAME & COVER
395+83	X		1		24" SEWER FRAME & COVER
398+52	X		1		24" SEWER FRAME & COVER
398+53		X	1		WATER VALVE FRAME & COVER
398+54		X	1		WATER VALVE FRAME & COVER
398+55		X	1		WATER VALVE FRAME & COVER
399+15		X	1		WATER VALVE FRAME & COVER
403+32		X	1		WATER VALVE FRAME & COVER
403+33		X	1		WATER VALVE FRAME & COVER
403+34		X	1		WATER VALVE FRAME & COVER
403+51	X		1		24" SEWER FRAME & COVER
407+11	X		1		24" SEWER FRAME & COVER
408+73	X		1		24" SEWER FRAME & COVER
410+50	X		1		24" SEWER FRAME & COVER
412+21	X		1		24" SEWER FRAME & COVER
417+70		X	1		24" SEWER FRAME & COVER
420+82		X	1		24" SEWER FRAME & COVER
424+11		X	1		24" SEWER FRAME & COVER
427+36		X	1		24" SEWER FRAME & COVER
429+40	X			1	SCE ELECTRICAL VAULT
433+38	X			1	DRAINAGE INLET IN MEDIAN
448+15		X		1	24" SEWER FRAME & COVER
452+15		X		1	24" SEWER FRAME & COVER
456+14		X		1	24" SEWER FRAME & COVER
512+64	X		1		DRAINAGE INLET IN MEDIAN
518+00	X		1		SCE ELECTRICAL VAULT
526+87	X		1		SCE ELECTRICAL VAULT
535+68	X		1		SCE ELECTRICAL VAULT
556+48	X		1		DRAINAGE INLET
557+10		X		1	DRAINAGE INLET
TOTAL			59 *	44	

\* QUANTITY SUMMARIZED ON ADJUST FRAME AND COVER TO GRADE TABLE, Q-1

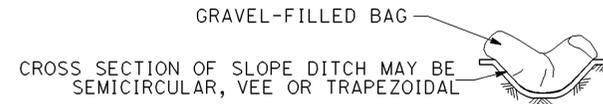
**CONSTRUCTION DETAILS**  
 NO SCALE  
**C-5**

DC	BL	AT	REVISED BY	ALLEN TOBEY	CALCULATED-DESIGNED BY	FUNCTIONAL SUPERVISOR	STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
12-02-09	01-27-10	12-14-09	DATE REVISED	BRAD LARSON	CHECKED BY	<b>JOHN FOX</b>	<b>Stantec MAINTENANCE ENGINEERING</b>

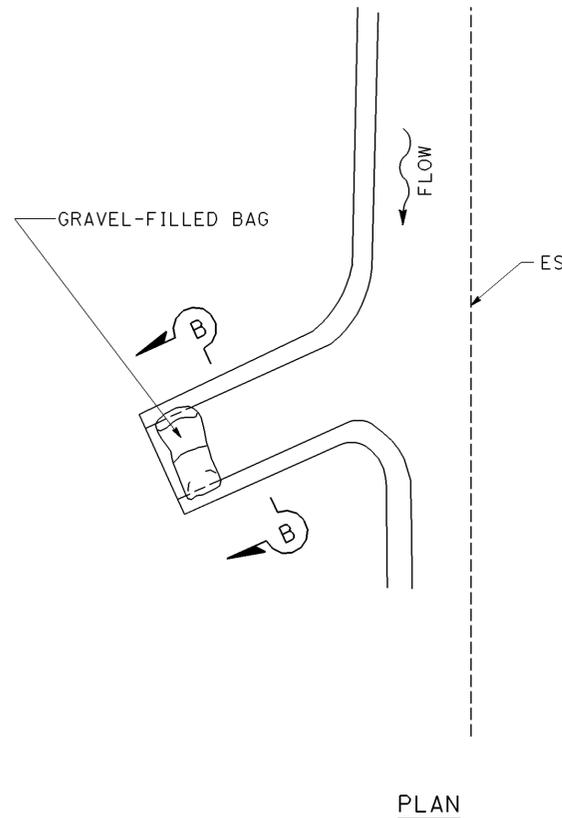
**NOTES:**

1. MINIMIZE DISTURBANCE OF SLOPE ADJACENT TO THE DRAINAGE INLET AND BEYOND PAVEMENT.
2. EXACT LOCATION AND POSITION OF TEMPORARY DRAINAGE PROTECTION TO BE DETERMINED BY THE ENGINEER.
3. GRAVEL BAG BERM TO BE PLACED OUTSIDE OF PAVEMENT.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	203	R0.4/R8.7	11	22
<i>Allen Tobey</i> 01-27-10 REGISTERED CIVIL ENGINEER DATE					
02-01-10 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>					



SECTION B-B



**TEMPORARY DRAINAGE INLET PROTECTION  
AT ASPHALT CONCRETE OVERSIDE  
DRAIN (TYPICAL)**

**TEMPORARY WATER POLLUTION  
CONTROL DETAILS**  
NO SCALE **WPCD-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Stantec** MAINTENANCE ENGINEERING  
 FUNCTIONAL SUPERVISOR **JOHN FOX**  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 MONTASHEEMA AFROZE ALLEN TOBEY  
 REVISED BY  
 DATE REVISED  
 BL  
 AT  
 DC

**NOTES:**

1. EXACT LOCATION AND POSITION OF TEMPORARY DRAINAGE INLET PROTECTION TO BE DETERMINED BY THE ENGINEER.
2. TEMPORARY DRAINAGE INLET PROTECTION FOR DRAINAGE INLETS SHALL BE TYPE 5 OR 6B.
3. TEMPORARY DRAINAGE PROTECTION FOR OVERSIDE DRAINS SHALL BE SAND BAGS BERMS AS SHOWN ON SHEET WPCD-1.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	203	RO.4/R8.7	12	22

01-27-10  
 REGISTERED CIVIL ENGINEER DATE  
 ALLEN C. TOBEY  
 No. 29764  
 Exp. 3-31-11  
 CIVIL  
 STATE OF CALIFORNIA  
 02-01-10  
 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.

TEMPORARY DRAINAGE INLET PROTECTION				
STATION	L+	R+	EA	DESCRIPTION
125+85		X	1	24"x80" DRAINAGE INLET
139+36	X		1	DRAINAGE INLET (24R GRATE)
141+36	X		1	DRAINAGE INLET (48R GRATE)
167+60	X		1	DRAINAGE INLET (24R GRATE) W/SLOT DRAIN
167+90	X		1	24"x40" DRAINAGE INLET W/SLOT DRAIN
167+90		X	1	DRAINAGE INLET (24R GRATE)
169+20	X		1	24"x40" DRAINAGE INLET W/SLOT DRAIN
169+50	X		1	DRAINAGE INLET (24R GRATE) W/SLOT DRAIN
177+74	X		1	DRAINAGE INLET (24R GRATE)
189+48	X		1	DRAINAGE INLET (24R GRATE)
202+90		X	1	OVERSIDE DRAIN
206+04		X	1	OVERSIDE DRAIN
226+82		X	1	OVERSIDE DRAIN
227+23		X	1	OVERSIDE DRAIN
240+13	X		1	OVERSIDE DRAIN
251+80	X		1	OVERSIDE DRAIN
276+89	X		1	OVERSIDE DRAIN
280+36		X	1	OVERSIDE DRAIN
287+00	X		1	DRAINAGE INLET (24R GRATE) W/SLOT DRAIN
287+20	X		1	24"x40" DRAINAGE INLET W/ SLOT DRAIN
300+15	X		1	DRAINAGE INLET (36R GRATE)
347+20		X	1	36"x36" DRAINAGE INLET
347+95		X	1	24"x40" DRAINAGE INLET
348+95		X	1	24"x40" DRAINAGE INLET
349+70		X	1	24"x40" DRAINAGE INLET
350+80		X	1	DRAINAGE INLET (24R GRATE) W/SLOT DRAIN
351+00		X	1	24"x40" DRAINAGE INLET W/ SLOT DRAIN
354+00		X	1	24"x40" DRAINAGE INLET W/ SLOT DRAIN
367+96	X		1	48" x 60" DRAINAGE INLET
372+30		X	1	24" x 40" DRAINAGE INLET
377+10	X		1	24" x 40" DRAINAGE INLET
377+35	X		1	24" x 40" DRAINAGE INLET
385+38	X		1	24" x 40" DRAINAGE INLET
385+61		X	1	24" x 40" DRAINAGE INLET
390+96	X		1	24" x 40" DRAINAGE INLET
391+07		X	1	24" x 40" DRAINAGE INLET
392+37		X	1	24" x 40" DRAINAGE INLET
394+99	X		1	OVERSIDE DRAIN
395+80	X		1	24" x 40" DRAINAGE INLET
396+93	X		1	DRAINAGE INLET (36R GRATE)
399+14		X	1	24" x 40" DRAINAGE INLET
402+44	X		1	24" x 40" DRAINAGE INLET
402+90		X	1	24" x 40" DRAINAGE INLET
404+85	X		1	24" x 40" DRAINAGE INLET
433+38	X		1	DRAINAGE INLET (36R GRATE) IN MEDIAN W/SLOT DRAIN
456+35		X	1	OVERSIDE DRAIN
463+29		X	1	DRAINAGE INLET (36R GRATE)
SUBTOTAL			47	

TEMPORARY DRAINAGE INLET PROTECTION (Cont)				
STATION	L+	R+	EA	DESCRIPTION
497+52	X		1	OVERSIDE DRAIN
504+84		X	1	DRAINAGE INLET (36R GRATE)
511+98		X	1	OVERSIDE DRAIN
512+42	X		1	DRAINAGE INLET IN MEDIAN (36R GRATE)
516+22		X	1	DRAINAGE INLET (36R GRATE)
535+83	X		1	OVERSIDE DRAIN
536+18		X	1	42" x 48" DRAINAGE INLET
556+68	X		1	24" x 40" DRAINAGE INLET
557+20		X	1	24" x 40" DRAINAGE INLET
1461+50	X		1	OVERSIDE DRAIN
1479+73	X		1	OVERSIDE DRAIN
1497+96		X	1	DRAINAGE INLET (36R GRATE)
1498+60	X	X	2	OVERSIDE DRAIN
SUBTOTAL			14	
TOTAL			61	

TEMPORARY FIBER ROLL			
STATION	L+	R+	LENGTH (LF)
242+20-242+40		X	20
259+20-259+40		X	20
307+00-307+20		X	20
409+90-410+30	X		40
410+60-411+00	X		40
420+30-420+70	X	X	40
421+20-421+60	X		40
425+10-425+50	X		40
499+80-500+20		X	40
523+50-523+70	X		20
535+80-536+00		X	20
TOTAL			340

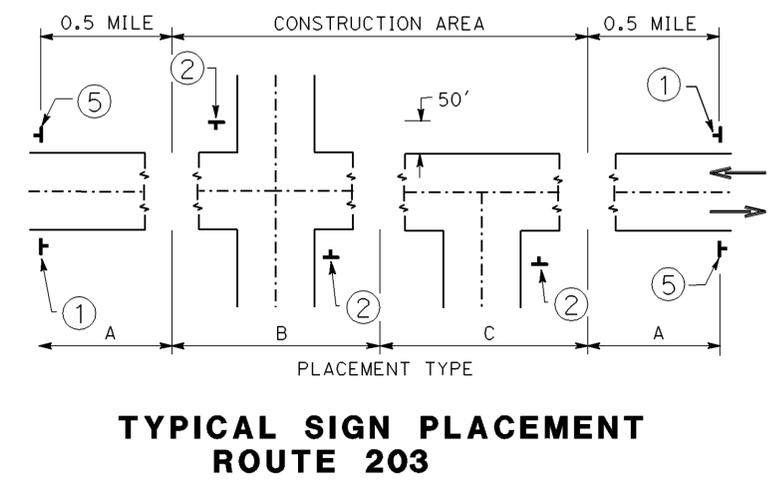
**TEMPORARY WATER POLLUTION CONTROL QUANTITIES**  
NO SCALE **WPCQ-1**

LAST REVISION DATE PLOTTED => 15-MAR-2010  
 02-01-10 TIME PLOTTED => 14:53

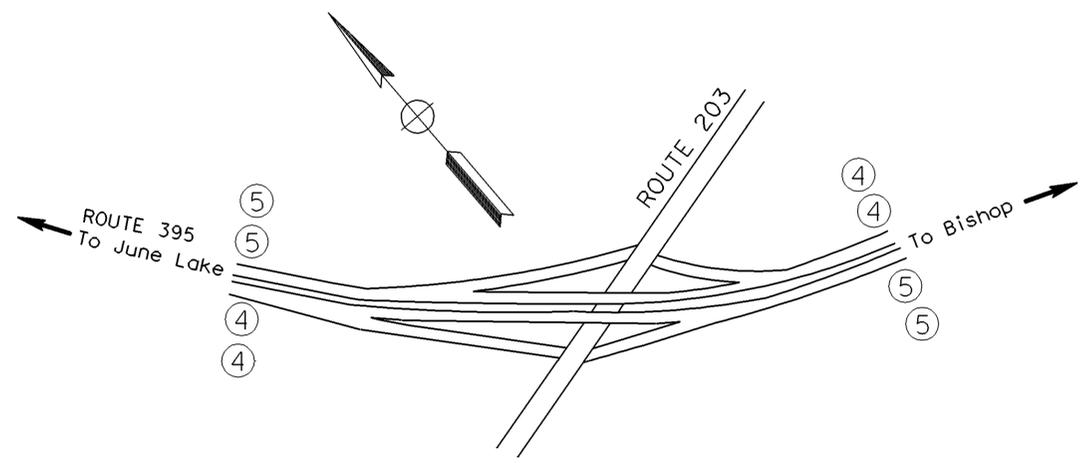
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Stantec** MAINTENANCE ENGINEERING  
 FUNCTIONAL SUPERVISOR **JOHN FOX**  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 ALLEN TOBEY  
 BRAD LARSON  
 REVISED BY  
 DATE REVISED  
 AT  
 12/14/09  
 BL  
 01-27-10  
 DC  
 12/02/09

- NOTES:**
1. FOR SIGN INSTALLATION DETAILS AND DIMENSIONS NOT SHOWN SEE STD PLANS.
  2. SEE TABLE FOR PLACEMENT TYPE, EXACT LOCATION AND POSITION OF CONSTRUCTION AREA SIGNS TO BE DETERMINED BY THE ENGINEER.
  3. SIGNS MAY BE PLACED ON TYPE III BARRICADES AT ROAD CONNECTIONS WHEN APPROVED BY THE ENGINEER.
  4. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS			
STATION	PM	PLACEMENT	REMARKS
96+30	R0.00	A	BEGIN WORK
300+00	R3.79	C	MAMMOTH SCENIC LOOP ROAD, Lt
352+00	4.78	C	LAKE MARY ROAD, Rt
352+00	4.78	C	MINARET ROAD, FNBT, Rt
355+00	4.83	C	VIEW POINT ROAD, Lt
368+80	5.09	B	MOUNTAIN BOULEVARD, Lt CIRCULATION ROAD CONNECTION, Rt
372+63	5.16	C	CIRCULATION ROAD CONNECTION, Rt
377+06	5.25	C	SIERRA BOULEVARD, Lt
380+00	5.30	C	MANZANITA ROAD, Rt
383+19	5.36	C	CIRCULATION ROAD CONNECTION, Rt
386+60	5.42	B	CIRCULATION ROAD CONNECTION Lt, Rt
391+35	5.53	B	CIRCULATION ROAD CONNECTION, Lt CENTER STREET, Rt
395+50	5.61	B	FOREST TRAIL ROAD, Lt CIRCULATION ROAD CONNECTION, Rt
398+43	5.66	C	LAUREL MOUNTAIN ROAD, Rt
403+18	5.75	C	OLD MAMMOTH ROAD, Rt
409+23	5.86	B	SAWMILL CUTOFF ROAD, Lt SIERRA PARK ROAD, Rt
463+20	6.86	C	MERIDIAN BOULEVARD, Rt
542+84	R8.35	C	FRONTAGE ROAD, Lt
543+12	R8.36	C	SAWMILL ROAD, Rt
562+39	R8.72	C	ANTELOPE SPRINGS ROAD, Lt
564+53	R8.76	A	END WORK
-	25.10	E	BEGIN WORK NB (Rte 395)
-	25.10	F	BEGIN WORK SB (Rte 395)
-	26.60	E	END WORK SB (Rte 395)
-	26.60	F	END WORK NB (Rte 395)



**TYPICAL SIGN PLACEMENT ROUTE 203/395 SEPARATION**

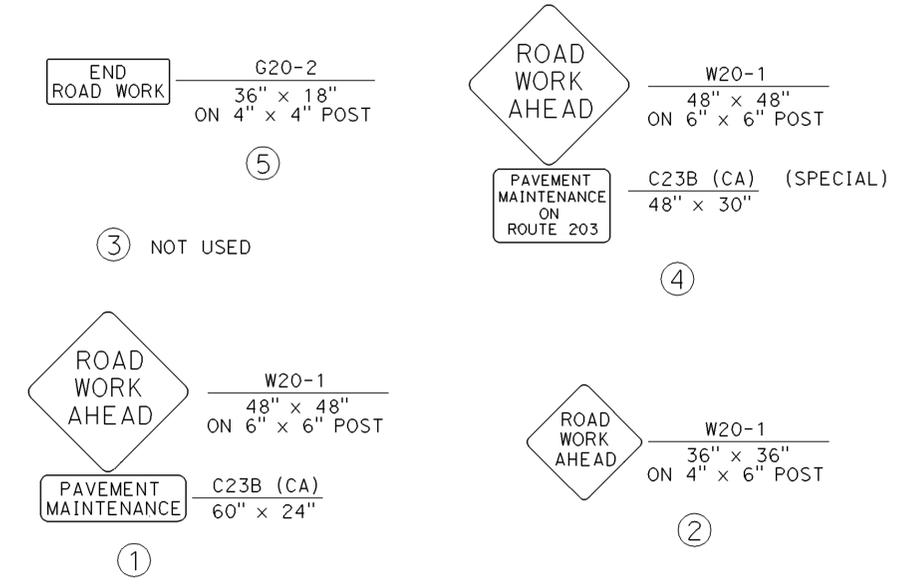


**TYPICAL SIGN PLACEMENT ROUTE 203/395 SEPARATION**

PORTABLE CHANGEABLE MESSAGE SIGNS		
MESSAGE FOR DIVIDED HIGHWAY		
LANE CLOSED AHEAD	REDUCE SPEED	USE CAUTION
MESSAGE FOR UNDIVIDED HIGHWAY		
USE CAUTION	PREPARE TO STOP	EXPECT 20 MINUTE DELAY

1. PORTABLE CHANGEABLE MESSAGE SIGN LOCATIONS TO BE CONFIRMED BY THE ENGINEER BEFORE THE ACTUAL CLOSURE.
2. ALTERNATE MESSAGES MUST BE APPROVED BY THE ENGINEER.
3. MESSAGE MAY BE ALTERED BY THE ENGINEER.
4. WHEN CONSTRUCTION OPERATIONS ARE NOT ACTIVELY IN PROGRESS, PORTABLE CHANGEABLE MESSAGE SIGNS SHALL NOT DISPLAY A MESSAGE UNLESS DIRECTED BY THE ENGINEER.

STATIONARY MOUNTED CONSTRUCTION AREA SIGN DETAILS						
LAYOUT	TYPE	PANEL SIZE	SIGN MESSAGE	No. OF SIGNS	No. OF POSTS	POST SIZE
①	W20-1	48" x 48"	ROAD WORK AHEAD	2	2	6" x 6"
	C23B (CA)	60" x 24"	PAVEMENT MAINTENANCE	2		
②	W20-1	36" x 36"	ROAD WORK AHEAD	24	24	4" x 6"
④	W20-1	48" x 48"	ROAD WORK AHEAD	4	4	6" x 6"
	C23B (CA) (SPECIAL)	48" x 30"	PAVEMENT MAINTENANCE ON ROUTE 203	4		
⑤	G20-2	36" x 18"	END ROAD WORK	6	6	4" x 4"



**CONSTRUCTION AREA SIGNS CS-1**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	203	R0.4/R8.7	13	22

Allen Tobey 01-27-10  
 REGISTERED CIVIL ENGINEER DATE

02-01-10  
 PLANS APPROVAL DATE

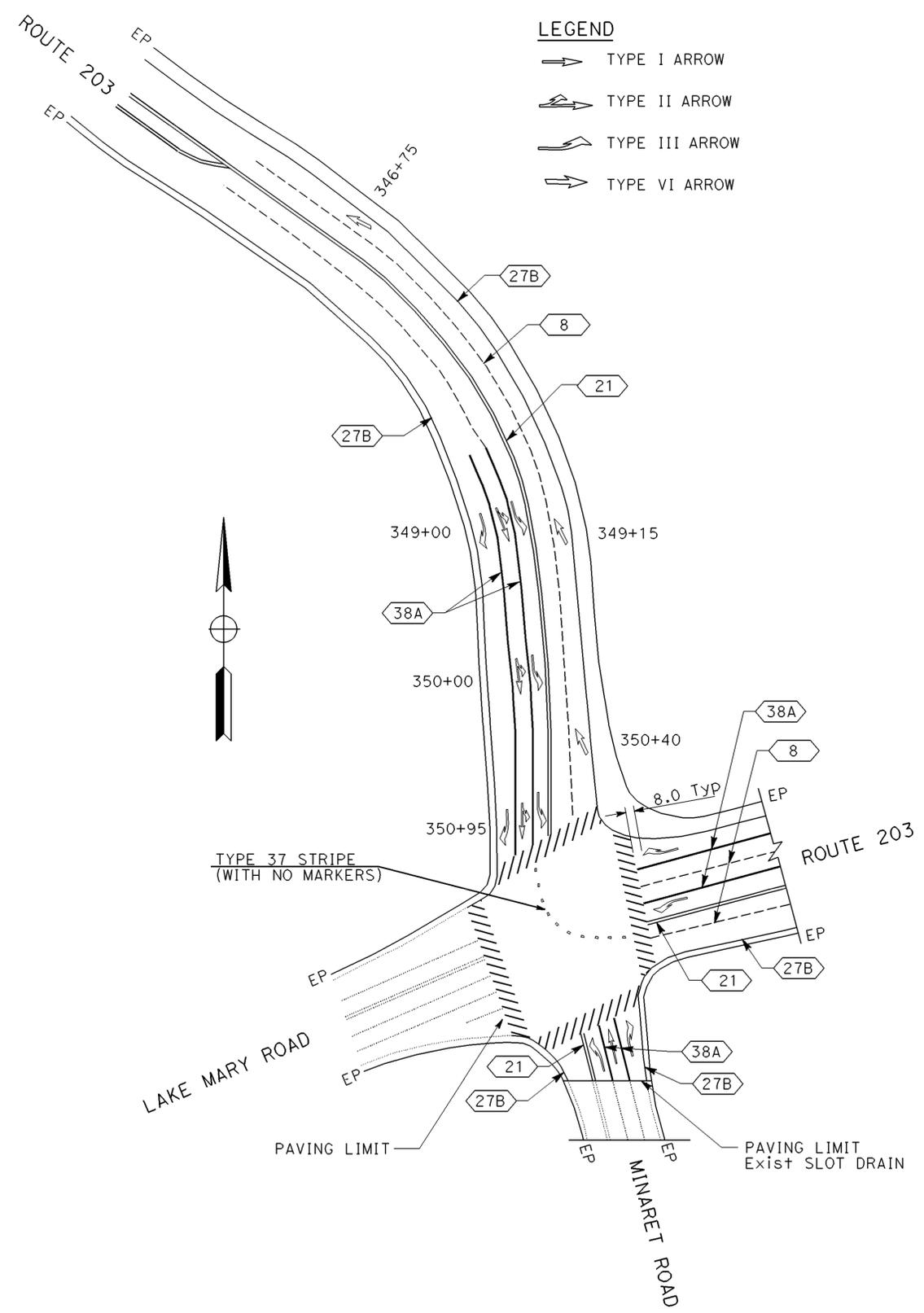
ALLEN C. TOBEY  
 No. 29764  
 Exp. 3-31-11  
 CIVIL

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.

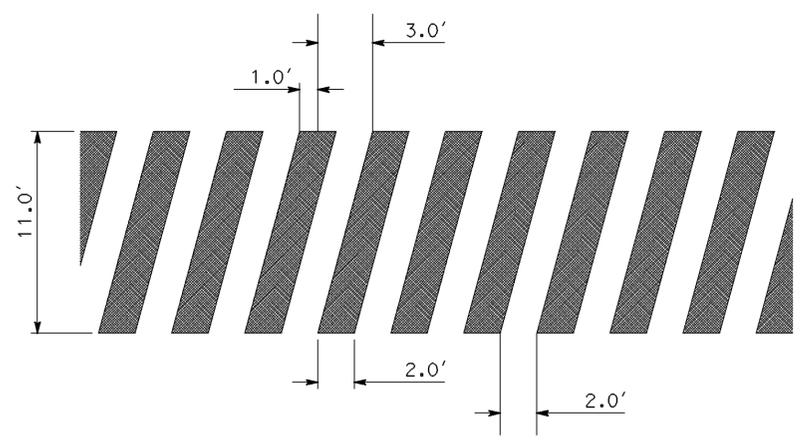
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** MAINTENANCE ENGINEERING  
 FUNCTIONAL SUPERVISOR **JOHN FOX**  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 REVISOR BY  
 DATE REVISED  
 AT  
 BL  
 MA

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	203	RO.4/R8.7	14	22

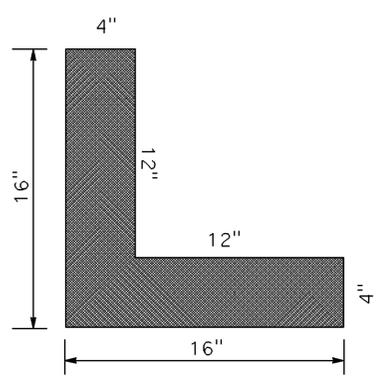
Allen Tobey 01-27-10  
 REGISTERED CIVIL ENGINEER DATE  
 02-01-10  
 PLANS APPROVAL DATE  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.



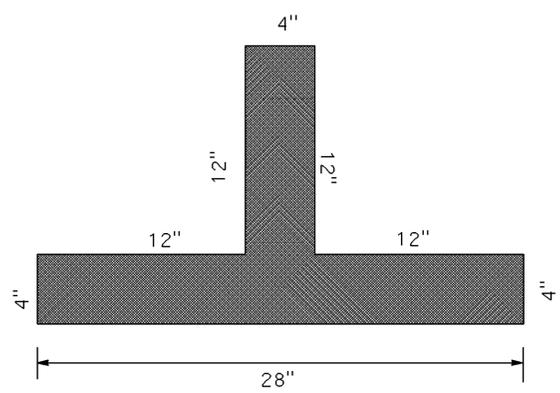
- LEGEND**
- TYPE I ARROW
  - TYPE II ARROW
  - TYPE III ARROW
  - TYPE VI ARROW



**TYPICAL TOWN CROSSWALK**

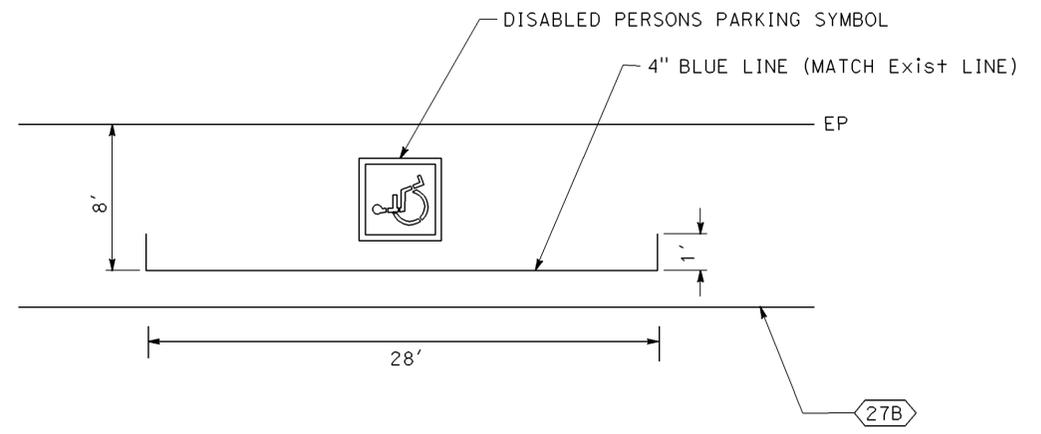


"L" PARK



"T" PARK

**STANDARD PARKING MARKINGS**



**DISABLED PERSONS PARKING**

STA 339+83

**MINARET/LAKE MARY/ROUTE 203 INTERSECTION STRIPING AND MARKING PLAN**

**PAVEMENT DELINEATION DETAIL PDD-1**  
NO SCALE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Stantec** MAINTENANCE ENGINEERING  
 FUNCTIONAL SUPERVISOR **JOHN FOX**  
 ALLEN TOBEY  
 BRAD LARSON  
 REVISOR BY  
 DATE REVISED  
 AT  
 MA  
 BL

**NOTES:**

1. (N) - NOT A SEPARATE PAY ITEM; FOR INFORMATION ONLY.
2. THERMOPLASTIC DETAIL 38A SHALL BE AN 8" TRAFFIC STRIPE THAT SHALL BE PAID FOR AS TWO 4" STRIPES.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	203	RO.4/R8.7	15	22

Allen Tobey 01-27-10  
 REGISTERED CIVIL ENGINEER DATE

02-01-10  
 PLANS APPROVAL DATE

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RUMBLE STRIP					
LOCATION	STATION	LEFT	MEDIAN	RIGHT	DISTANCE STA
Rte 203	432+62 TO 458+98	X		X	53
	463+50 TO 464+50	X		X	2
	464+50 TO 466+40	X			2
	466+40 TO 503+47	X		X	74
	503+47 TO 504+40			X	1
	504+40 TO 511+98	X		X	15
	511+98 TO 517+00	X	XX	X	20
	517+00 TO 542+00	X	X	X	75
	542+00 TO 542+50			X	1
	544+17 TO 548+10	X	X	X	12
	550+93 TO 557+00	X		X	12
	558+00 TO 559+30	X		X	3
	1433+24 TO 1442+60	X		X	19
	1442+60 TO 1443+52			X	1
	1443+52 TO 1463+14	X		X	39
	1463+14 TO 1466+82	X			4
	1466+82 TO 1502+90	X		X	72
	1503+42 TO 1504+51	X			1
	1504+51 TO 1511+98	X		X	15
	<b>TOTAL</b>				<b>421</b>

THERMOPLASTIC TRAFFIC STRIPE (RECESSED)					
LOCATION	DETAIL No.	4" (BROKEN 36-12)	4" (BROKEN 17-7)	4"	8" (BROKEN 12-3) (NO MARKER)
Rte 203		LF	LF	LF	LF
	8		10,274		
	11	5489			
	18	267		267	
	21			26,682	
	28			18,980	
	31	13,748		13,748	
	37				96
38A			3570		
<b>TOTAL</b>		<b>12,630</b>	<b>10,274</b>	<b>46,883</b>	<b>96</b>

ROADWAY ITEMS						
LOCATION	HMA-A-W	HMA (TYPE A)	COLD PLANE AC PAVEMENT	IMPORTED MATERIAL (SHOULDER BACKING)	TACK COAT	SAND COVER (N)
	TON	TON	SQYD	TON	TON	TON
Rte 203	24,300	1,000	333,110	556	97	400

ADJUST FRAME AND COVER TO GRADE			
LOCATION	DESCRIPTION		
	WATER VALVE FRAME & COVER	24" SEWER FRAME & COVER	12" SURVEY MONUMENT FRAME & COVER
	EA	EA	EA
Rte 203	32	26	1
<b>TOTAL</b>		<b>59</b>	

PAINT TRAFFIC STRIPE (2-COAT)							
LOCATION	DETAIL NUMBER						
	11	21	24	27B	27C	28	38A
	LF	LF	LF	LF	LF	LF	LF
Rte 203	22,707	11,085	19,772	89,803	1479	7784	3357
<b>TOTAL</b>	<b>155,987</b>						

PAINT PAVEMENT MARKING (2-COAT)																																				
LOCATION	CROSSWALK WHITE		TYPE I ARROW 24'-0"		TYPE II ARROW (LEFT)		TYPE II ARROW (RIGHT)		TYPE II ARROW (B)		TYPE III ARROW (LEFT)		TYPE III ARROW (RIGHT)		TYPE V ARROW		TYPE VI ARROW (RIGHT)		L PARK	T PARK	DISABLED PERSONS PARKING SYMBOL		4" BLUE LINE (DISABLED PARKING)		"PED" WHITE		"XINGS" WHITE		LIMIT LINE 1 ft		"STOP" WHITE		"AHEAD" WHITE			
	LF	SQFT	No.	SQFT	No.	SQFT	No.	SQFT	No.	SQFT	No.	SQFT	No.	SQFT	No.	SQFT	No.	SQFT	No.	SQFT	No.	SQFT	No.	SQFT	No.	SQFT	No.	SQFT	No.	SQFT	No.	SQFT				
Rte 203	6,282	6,282	8	248	4	180	5	225	3	177	27	1,134	9	378	40	1,320	5	210	3	6	12	42	1	23	30	10	11	198	11	231	522	522	20	440	2	62
<b>SUBTOTAL</b>	<b>6,282</b>		<b>248</b>		<b>180</b>		<b>225</b>		<b>177</b>		<b>1,134</b>		<b>378</b>		<b>1,320</b>		<b>210</b>		<b>6</b>		<b>42</b>		<b>23</b>		<b>10</b>		<b>198</b>		<b>231</b>		<b>522</b>		<b>440</b>		<b>62</b>	
<b>TOTAL</b>	<b>11,688</b>																																			

**SUMMARY OF QUANTITIES**  
NO SCALE **Q-1**

LAST REVISION | DATE PLOTTED => 15-MAR-2010 | TIME PLOTTED => 14:53

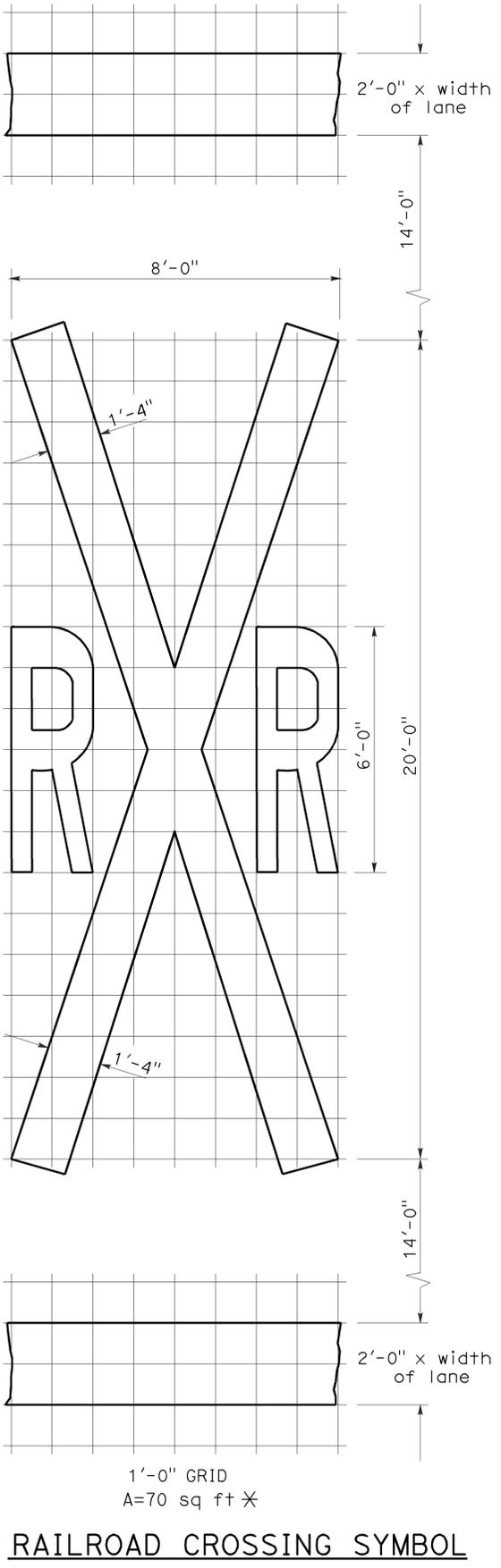
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Mno	203	RO.4/R8.7	16	22

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

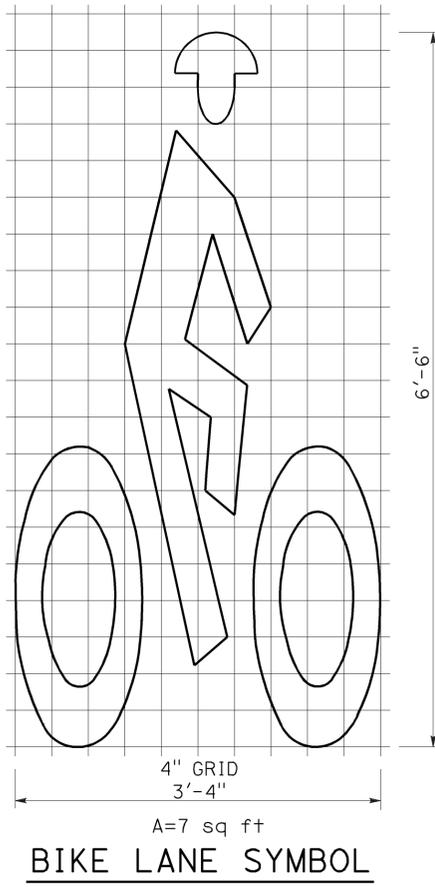
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

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

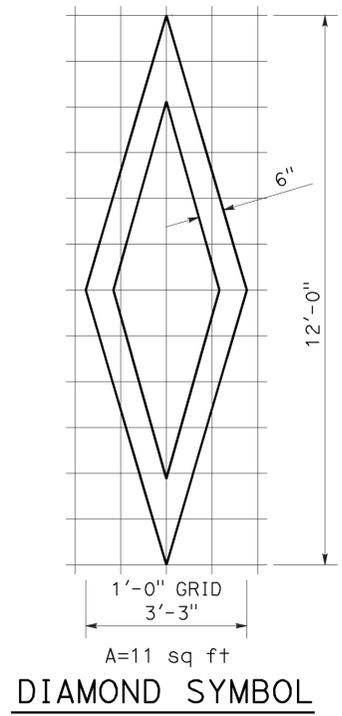
To accompany plans dated 02-01-10



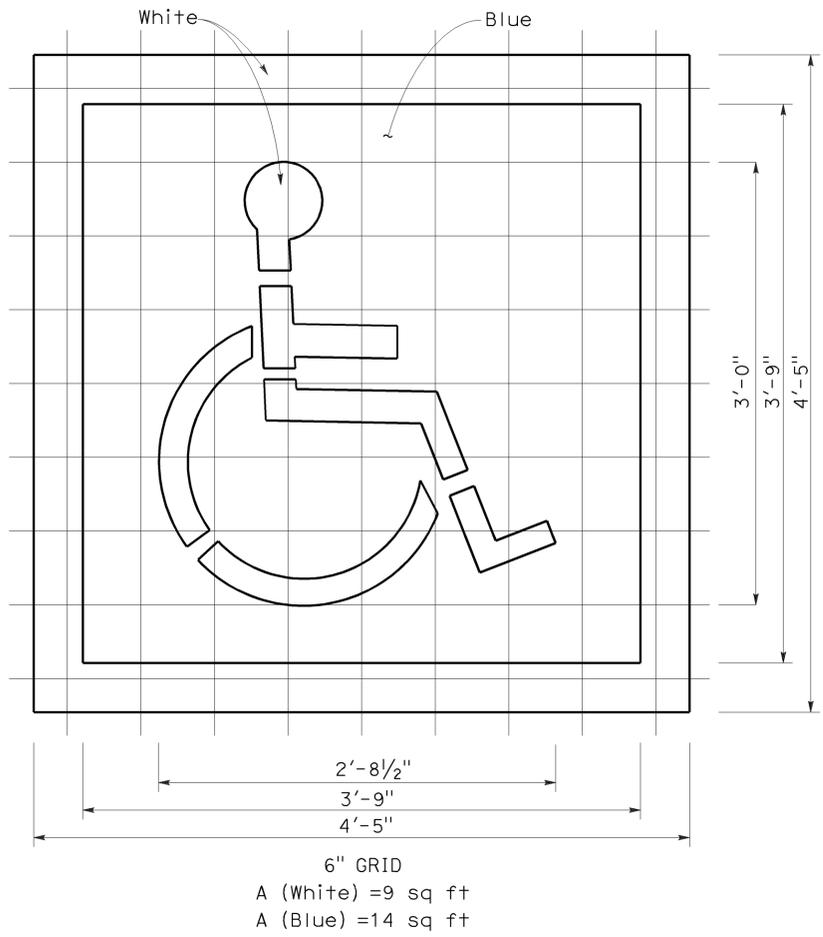
**RAILROAD CROSSING SYMBOL**  
 ✕70 sq ft DOES NOT INCLUDE THE 2'-0" x VARIABLE WIDTH TRANSVERSE LINES.



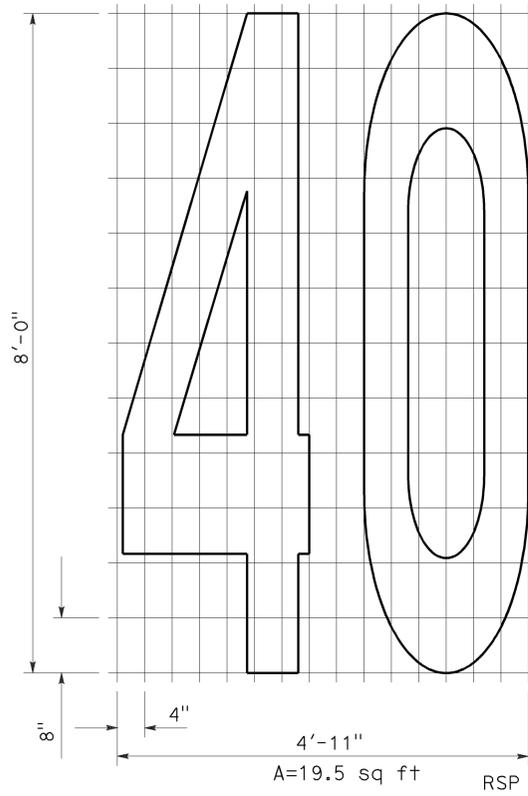
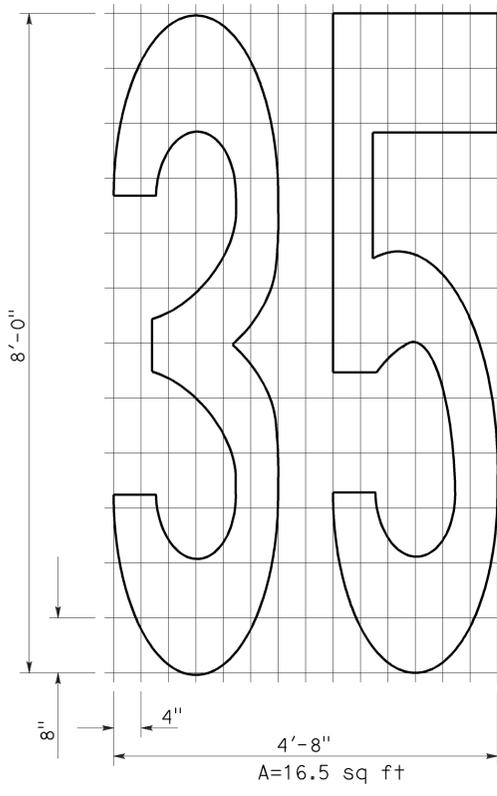
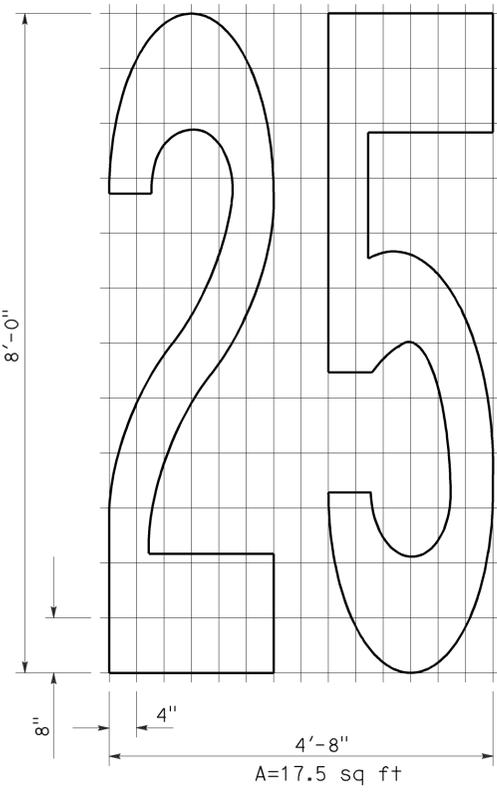
**BIKE LANE SYMBOL**



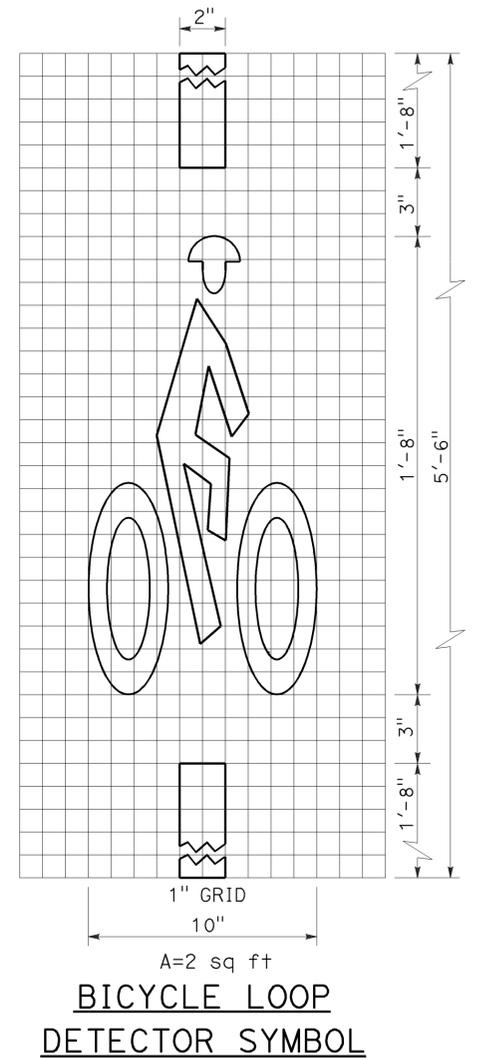
**DIAMOND SYMBOL**



**INTERNATIONAL SYMBOL OF ACCESSIBILITY MARKING**



**NUMERALS**



**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

2006 REVISED STANDARD PLAN RSP A24C

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

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Mno	203	RO.4/R8.7	17	22

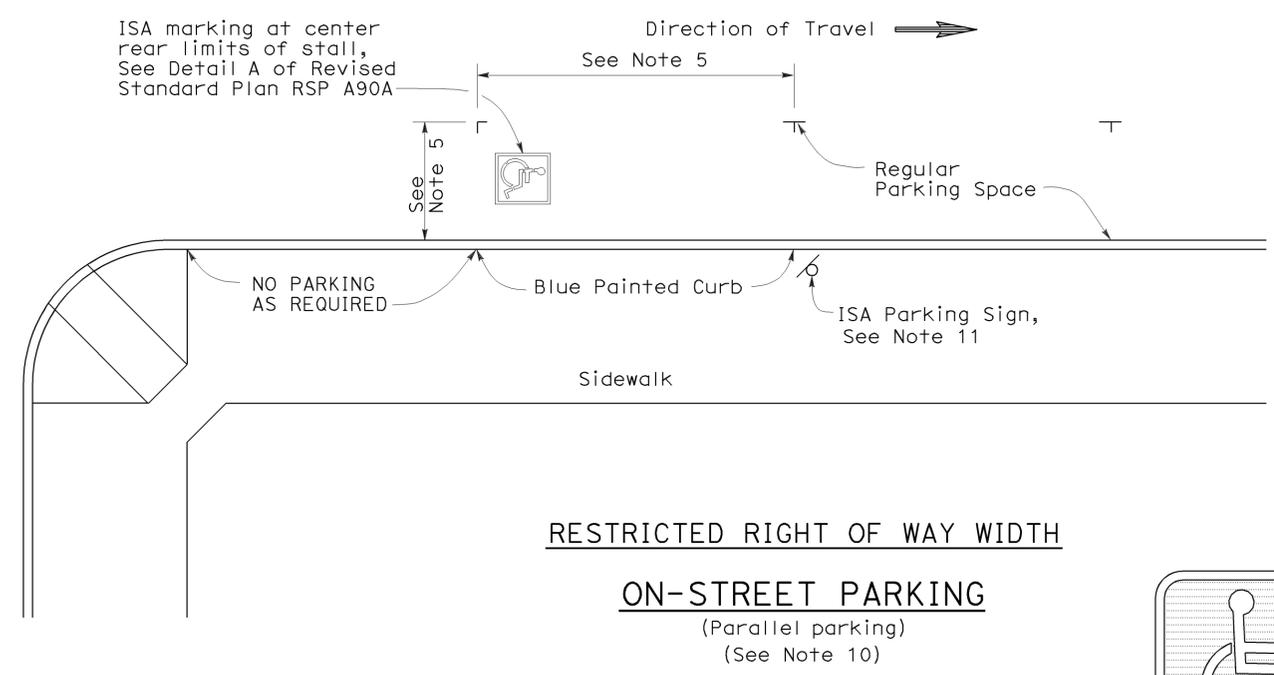
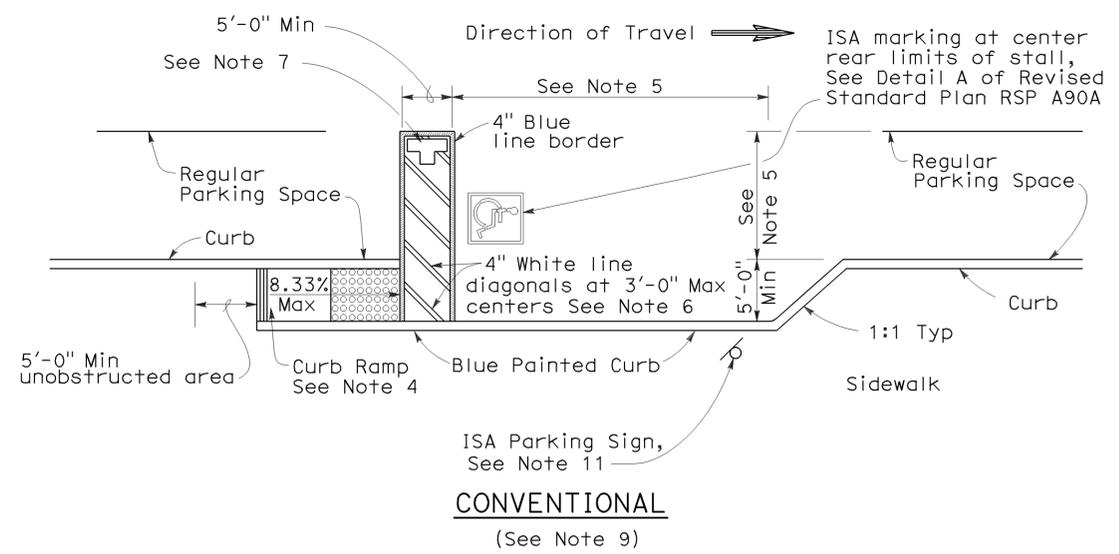
H. David Cordova  
REGISTERED CIVIL ENGINEER

June 6, 2008  
PLANS APPROVAL DATE

Hector David Cordova  
REGISTERED PROFESSIONAL ENGINEER  
No. C41957  
Exp. 3-31-10  
CIVIL  
STATE OF CALIFORNIA

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To accompany plans dated 02-01-10



**NO  
PARKING**

**PAVEMENT MARKING**  
See Note 7



**NOTES:**

1. Parking spaces shall be so located that persons with disabilities are not compelled to wheel or walk behind parked cars other than their own.
2. Surface slopes of accessible on-street parking spaces shall be the minimum feasible.
3. Where Plaque R99B (CA) or Sign R99C (CA) are installed, the bottom of the sign or plaque panel shall be a minimum of 7'-0" above the surrounding surface.
4. Curb ramps shall conform to the details shown on Revised Standard Plan RSP A88A.
5. Accessible on-street parking spaces shall not be smaller in length or width than that specified by the local jurisdiction for other parking spaces, but not less than 20'-0" in length and not less than 8'-0" in width.
6. Blue paint, instead of white may be used for marking accessibility aisles in areas where snow may cause white markings to not be visible.
7. The words "NO PARKING", shall be painted in white letters no less than 1'-0" high on a contrasting background and located so that it is visible to traffic enforcement officials. See Standard Plan A24E for square foot area for painting the words "NO PARKING".
8. There shall be no obstructions on the sidewalk adjacent to and for the full length of the parking space, except for the ISA parking sign shown.
9. The Conventional detail should be the primary choice of accessible on-street parking. However, if the sidewalk lacks adequate space to construct a standard curb ramp, the Restricted Right of Way detail should be used.
10. If the Restricted Right of Way width detail is selected and it conflicts with a bus stop or other uses, this detail may apply to the other end of the block.
11. Accessible Parking Only Sign shall be Sign R99C (CA) or Sign R99 (CA) with Plaque R99B (CA).

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**ACCESSIBLE PARKING  
ON-STREET**

NO SCALE

RSP A90B DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN A90B  
DATED MAY 1, 2006 - PAGE 118 OF THE STANDARD PLANS BOOK DATED MAY 2006.

**REVISED STANDARD PLAN RSP A90B**

ISA = International Symbol of Accessibility

2006 REVISED STANDARD PLAN RSP A90B

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Mno	203	RO.4/R8.7	18	22

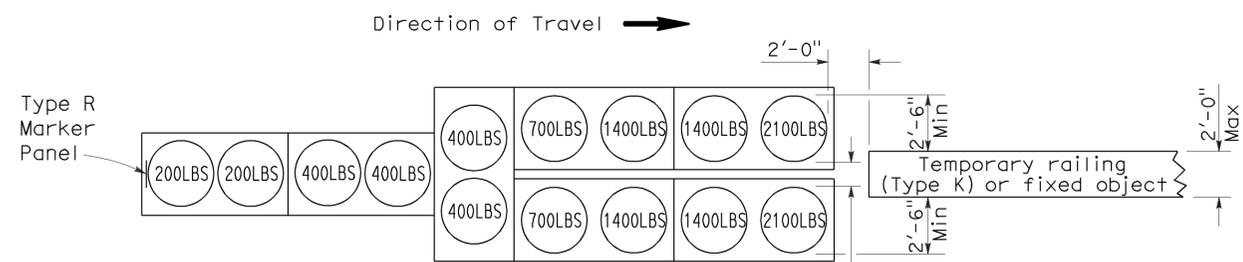
*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

June 6, 2008  
PLANS APPROVAL DATE

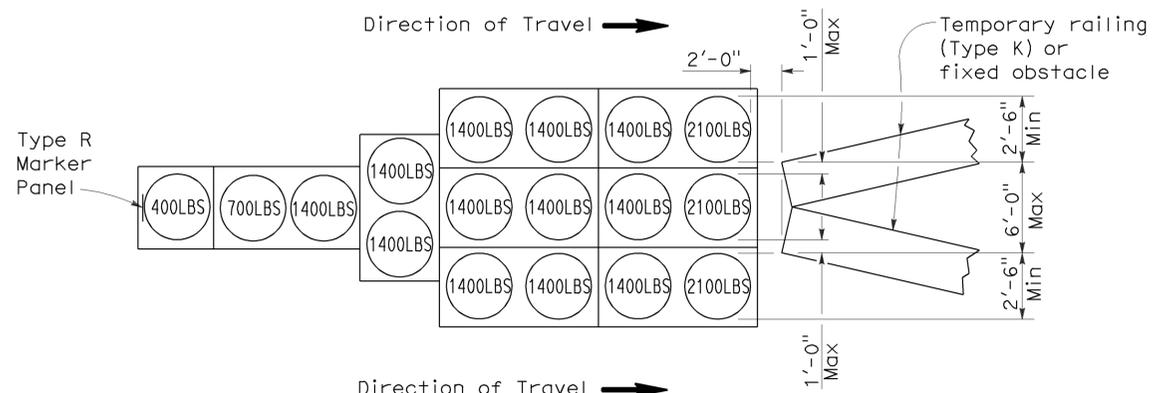
*Randell D. Hiatt*  
No. C50200  
Exp. 6-30-09  
CIVIL  
STATE OF CALIFORNIA

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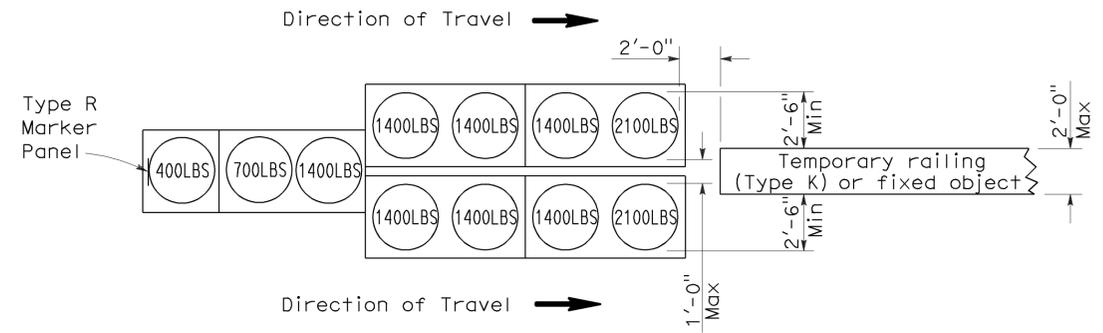
To accompany plans dated 02-01-10



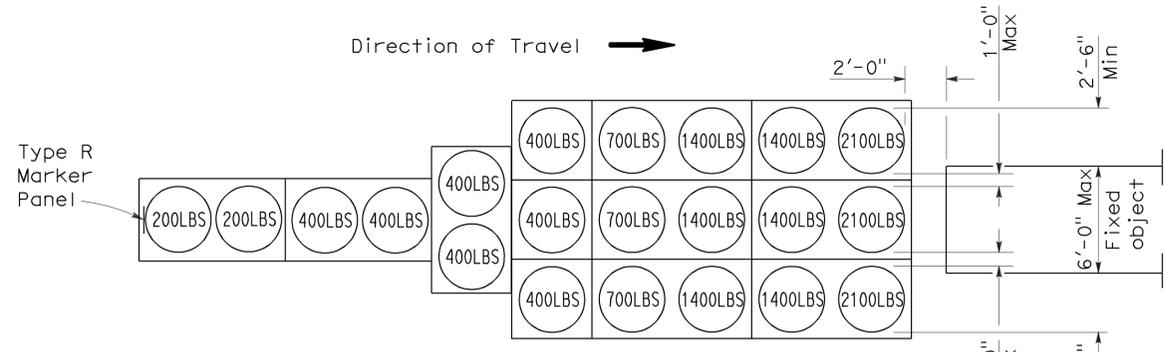
**ARRAY 'TU14'**  
Approach speed 45 mph or more



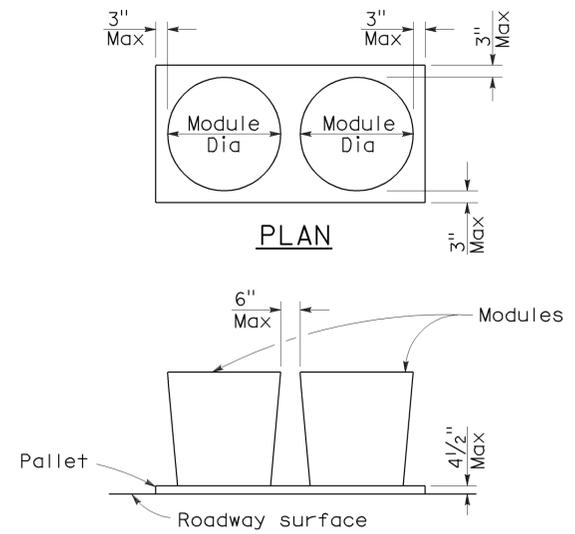
**ARRAY 'TU17'**  
Approach speed less than 45 mph



**ARRAY 'TU11'**  
Approach speed less than 45 mph



**ARRAY 'TU21'**  
Approach speed 45 mph or more



**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
09	Mno	203	RO.4/R8.7	19	22

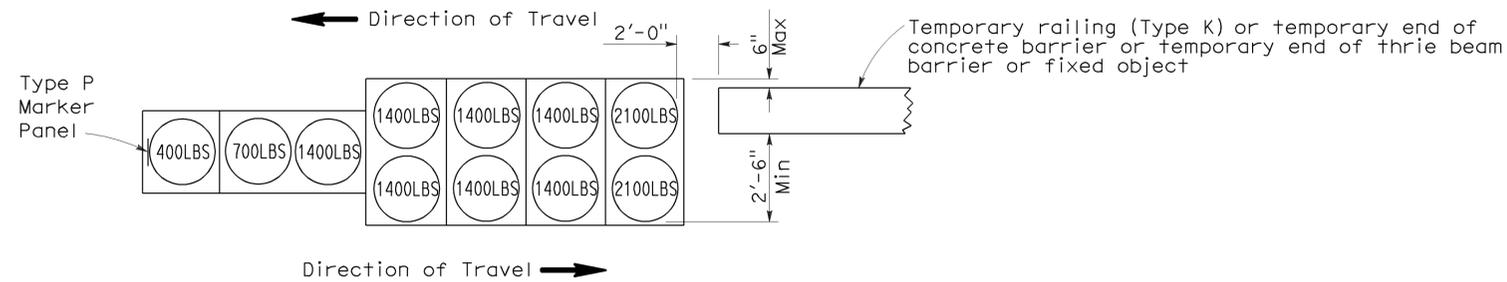
*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

June 6, 2008  
PLANS APPROVAL DATE

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

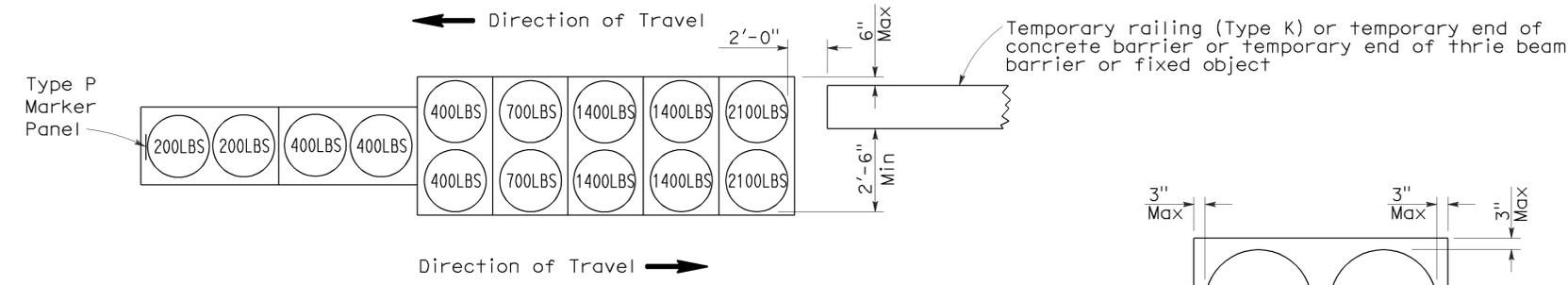
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 02-01-10



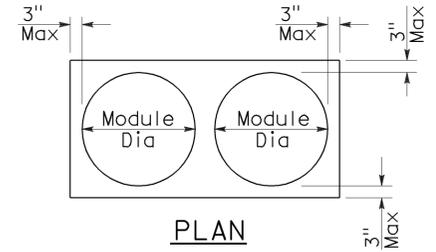
**ARRAY 'TB11'**

Approach speed less than 45 mph

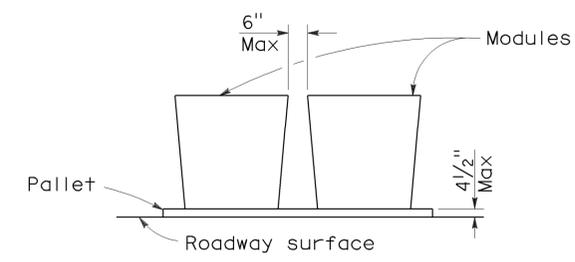


**ARRAY 'TB14'**

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
09	Mno	203	RO.4/R8.7	20	22

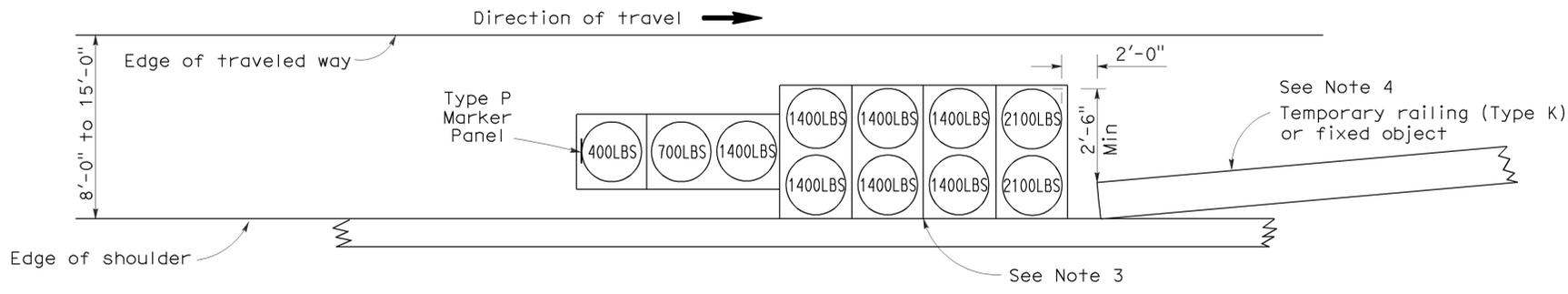
*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

June 6, 2008  
PLANS APPROVAL DATE

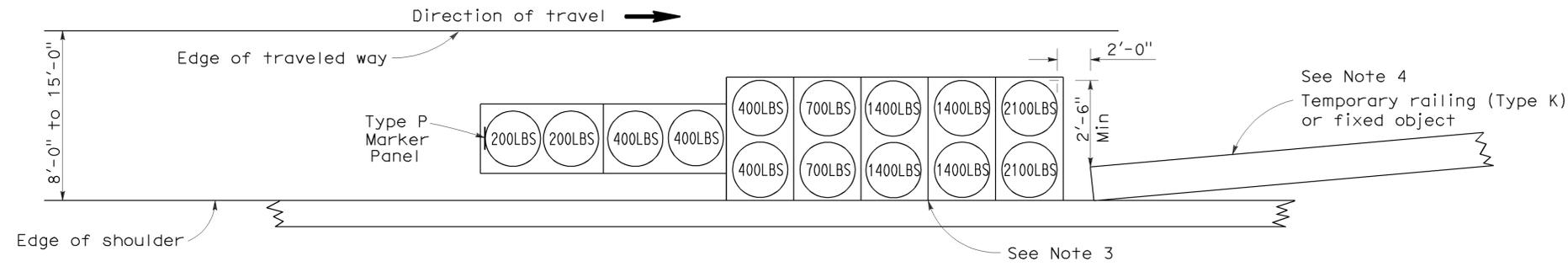
*Randell D. Hiatt*  
REGISTERED PROFESSIONAL ENGINEER  
No. C50200  
Exp. 6-30-09  
CIVIL  
STATE OF CALIFORNIA

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To accompany plans dated 02-01-10



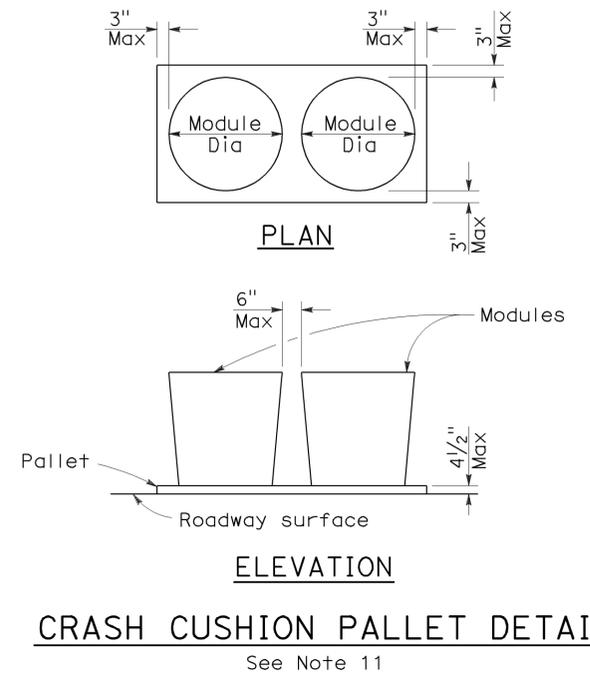
**ARRAY 'TS11'**  
Approach speed less than 45 mph  
See Note 9



**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**

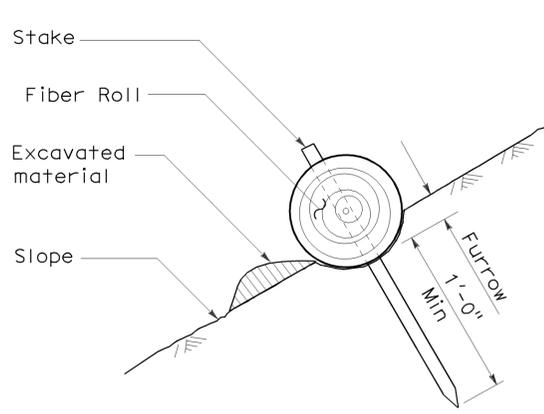
2006 REVISED STANDARD PLAN RSP T2

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Mno	203	RO.4/R8.7	21	22

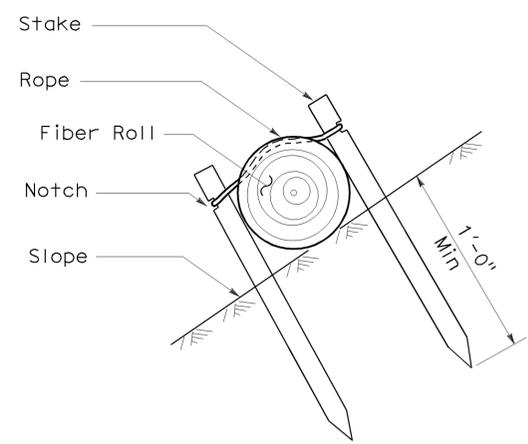
*Robert B. Schott*  
 LICENSED LANDSCAPE ARCHITECT  
 April 3, 2009  
 PLANS APPROVAL DATE  
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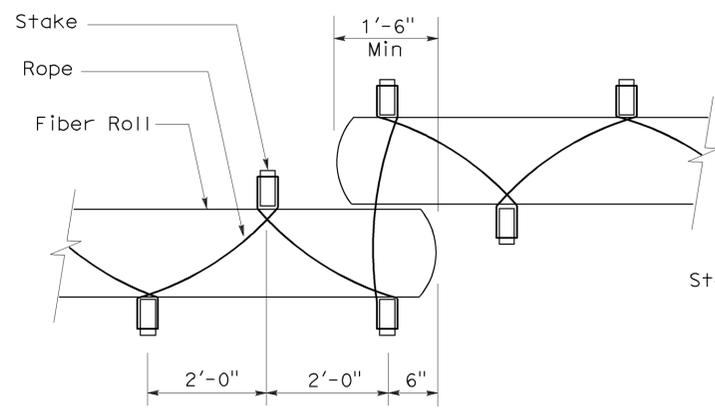
To accompany plans dated 02-01-10



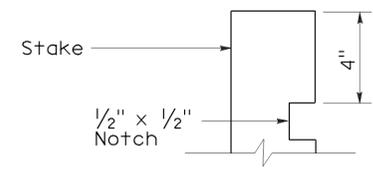
**SECTION**  
**TEMPORARY FIBER ROLL (TYPE 1)**



**SECTION**  
**TEMPORARY FIBER ROLL (TYPE 2)**

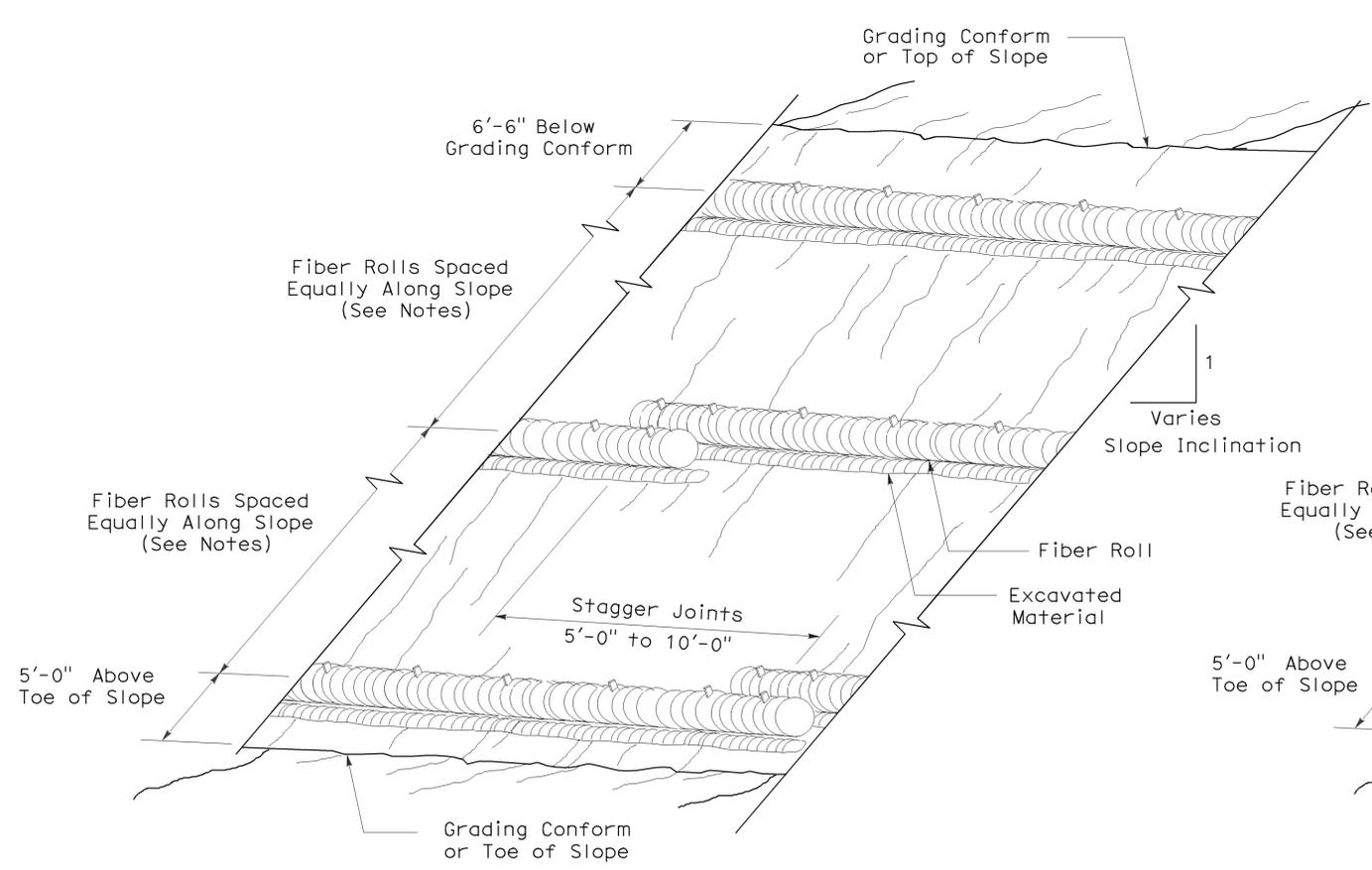


**PLAN**  
**TEMPORARY FIBER ROLL (TYPE 2)**

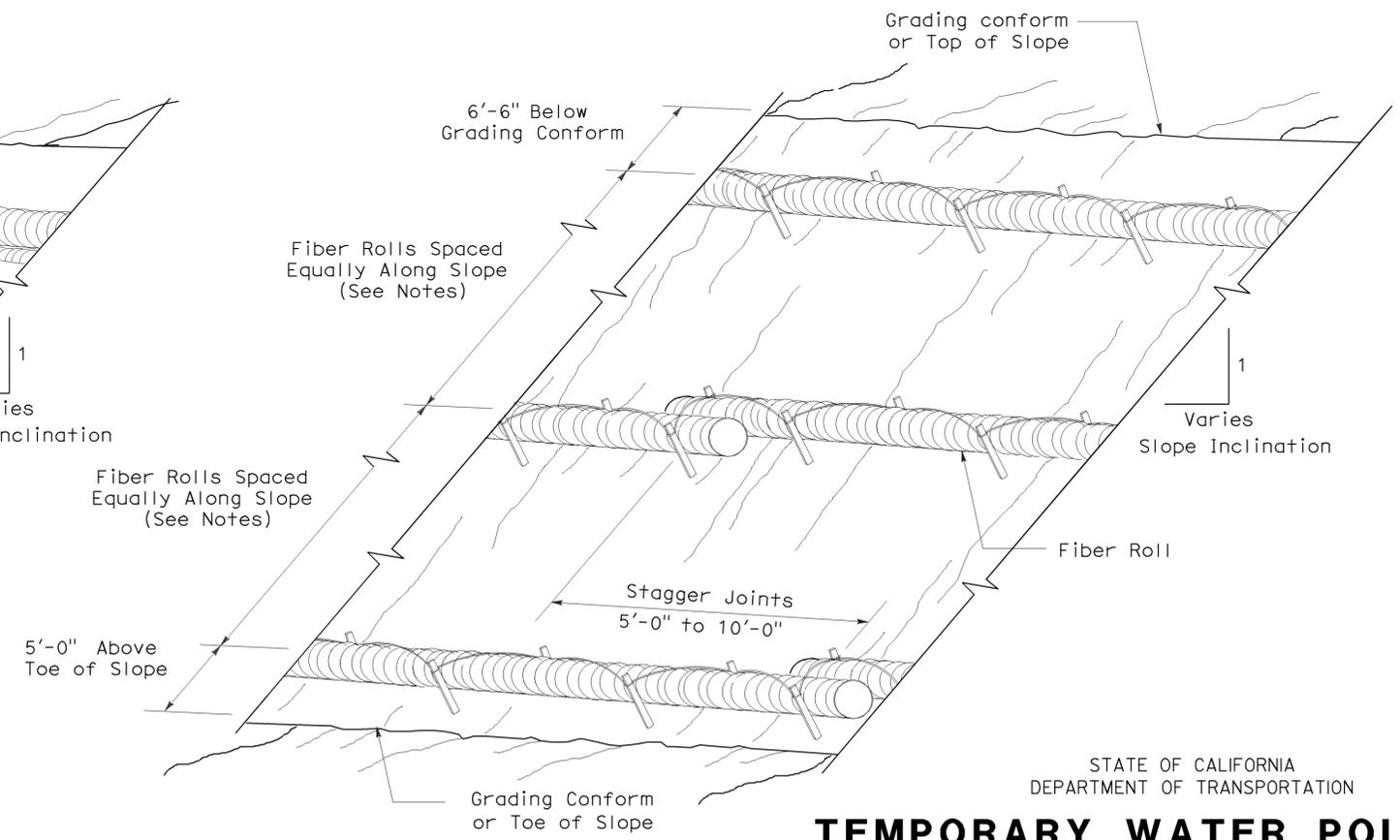


**ELEVATION**  
**STAKE NOTCH DETAIL**

- NOTES:**
1. Temporary fiber roll spacing varies depending upon slope inclination.
  2. Installations shown in the perspectives are for slope inclination of 10:1 and steeper.



**PERSPECTIVE**  
**TEMPORARY FIBER ROLL (TYPE 1)**



**PERSPECTIVE**  
**TEMPORARY FIBER ROLL (TYPE 2)**

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION

**TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY FIBER ROLL)**

NO SCALE

RSP T56 DATED APRIL 3, 2009 SUPERSEDES STANDARD PLAN T56 DATED MAY 1, 2006 - PAGE 232 OF THE STANDARD PLANS BOOK DATED MAY 2006.

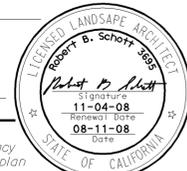
**REVISED STANDARD PLAN RSP T56**

232

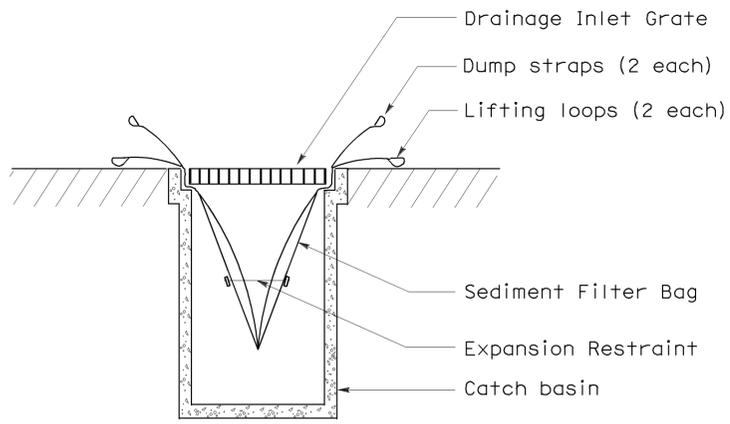
2006 REVISED STANDARD PLAN RSP T56

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Mno	203	RO.4/R8.7	22	22

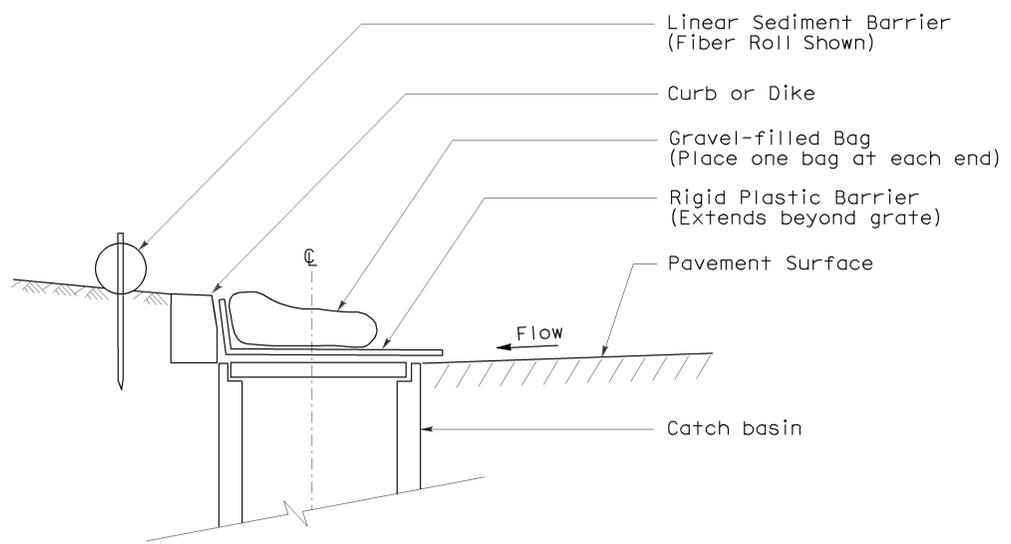
*Robert B. Schott*  
 LICENSED LANDSCAPE ARCHITECT  
 August 15, 2008  
 PLANS APPROVAL DATE  
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To accompany plans dated 02-01-10



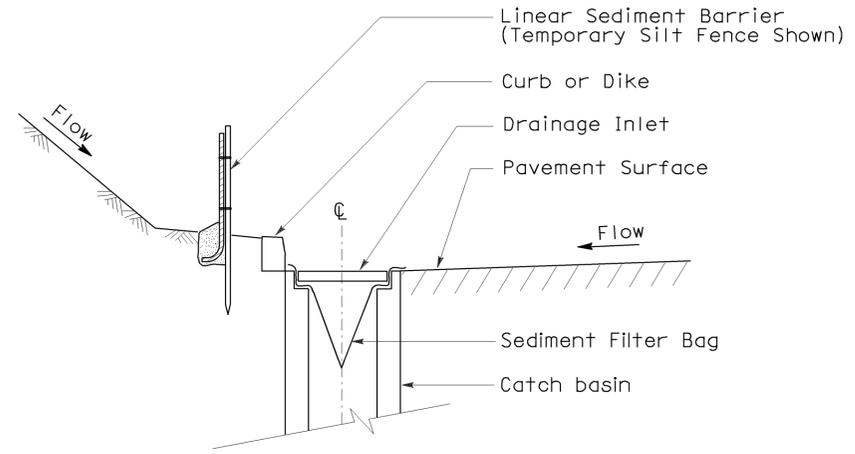
**SECTION B-B**  
**SEDIMENT FILTER BAG DETAIL**



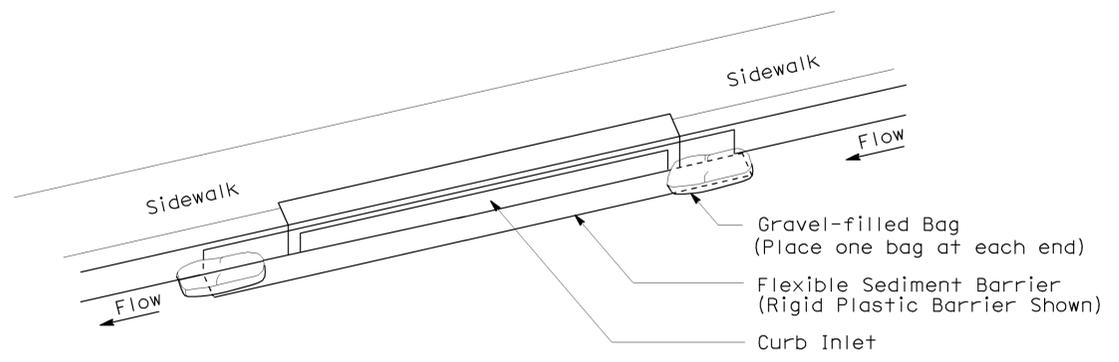
**SECTION**  
**TEMPORARY DRAINAGE**  
**INLET PROTECTION (TYPE 6A)**  
**(CATCH BASIN WITH GRATE)**

**NOTES:**

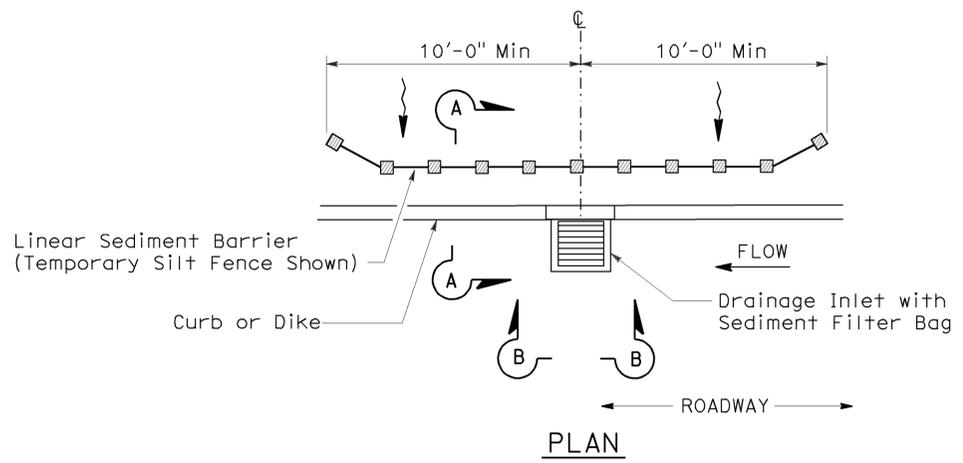
1. See Standard Plan T51 for Temporary Silt Fence.
2. Dimensions may vary to fit field conditions.



**SECTION A-A**



**PERSPECTIVE**  
**TEMPORARY DRAINAGE**  
**INLET PROTECTION (TYPE 6B)**  
**(CURB INLET WITHOUT GRATE)**



**PLAN**  
**TEMPORARY DRAINAGE**  
**INLET PROTECTION (TYPE 5)**  
**(SEDIMENT FILTER BAG)**

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**TEMPORARY WATER POLLUTION**  
**CONTROL DETAILS**  
**(TEMPORARY DRAINAGE**  
**INLET PROTECTION)**

NO SCALE  
NSP T64 DATED AUGUST 15, 2008 SUPPLEMENTS  
THE STANDARD PLANS BOOK DATED MAY 2006.

2006 NEW STANDARD PLAN NSP T64