

**INDEX OF PLANS**

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

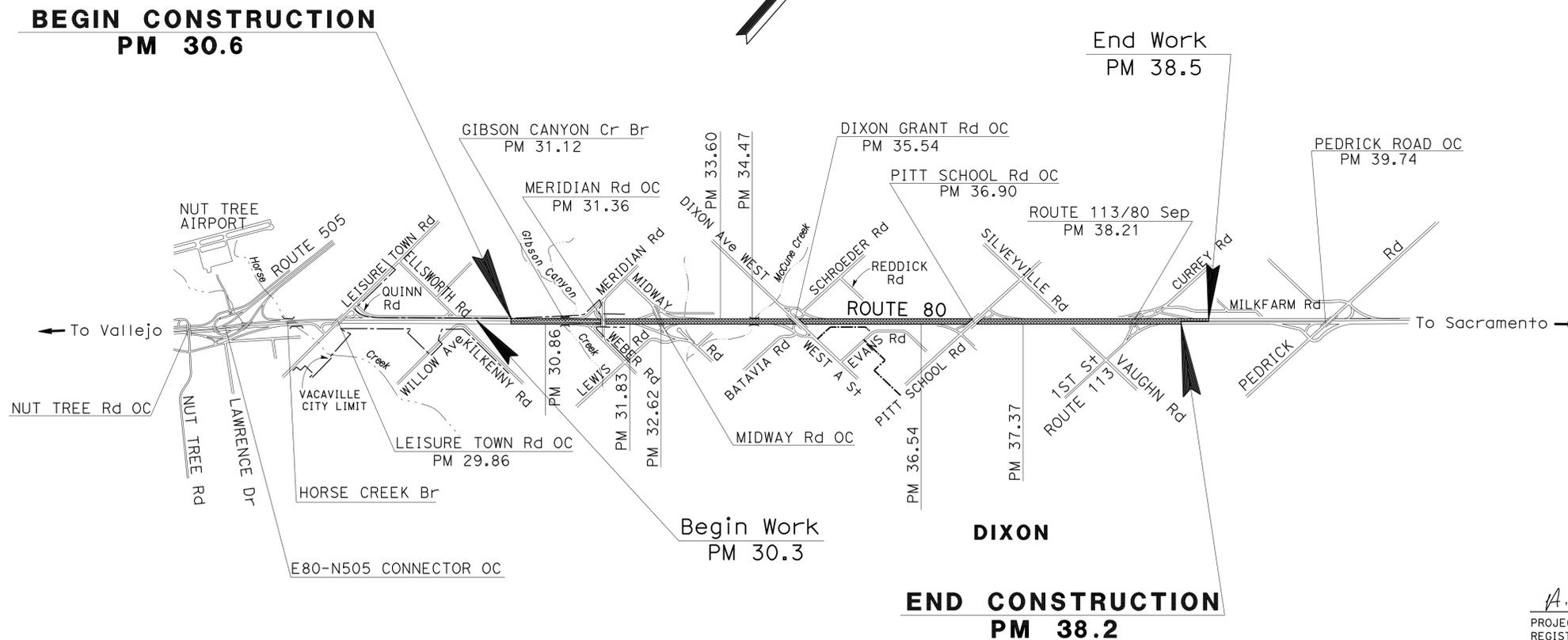
**STATE OF CALIFORNIA**  
**DEPARTMENT OF TRANSPORTATION**  
**PROJECT PLANS FOR CONSTRUCTION ON**  
**STATE HIGHWAY**

**IN SOLANO COUNTY**  
**IN DIXON**  
**FROM 0.7 MILE EAST OF LEISURE TOWN ROAD OVERCROSSING**  
**TO 1.4 MILES WEST OF PEDRICK ROAD OVERCROSSING**

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Sol	80	30.6/38.2	1	16

**Caltrans**



PROJECT MANAGER  
**RAMSES SARGISS**

DESIGN ENGINEER  
**RONNIE CHUA**

*Abdel Rahman M. Beshair* 7-23-10  
 PROJECT ENGINEER DATE  
 REGISTERED CIVIL ENGINEER

**August 2, 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."

NO SCALE

DATE PLOTTED => 16-AUG-2010  
 TIME PLOTTED => 09:31  
 LAST REVISION 07-29-10

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SoI	80	30.6/38.2	2	16

<i>Amrgho</i>	7-23-10
REGISTERED CIVIL ENGINEER	DATE
8-2-10	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER  
 Abdel Rahman M. Beshair  
 No. 66856  
 Exp. 9-30-12  
 CIVIL  
 STATE OF CALIFORNIA

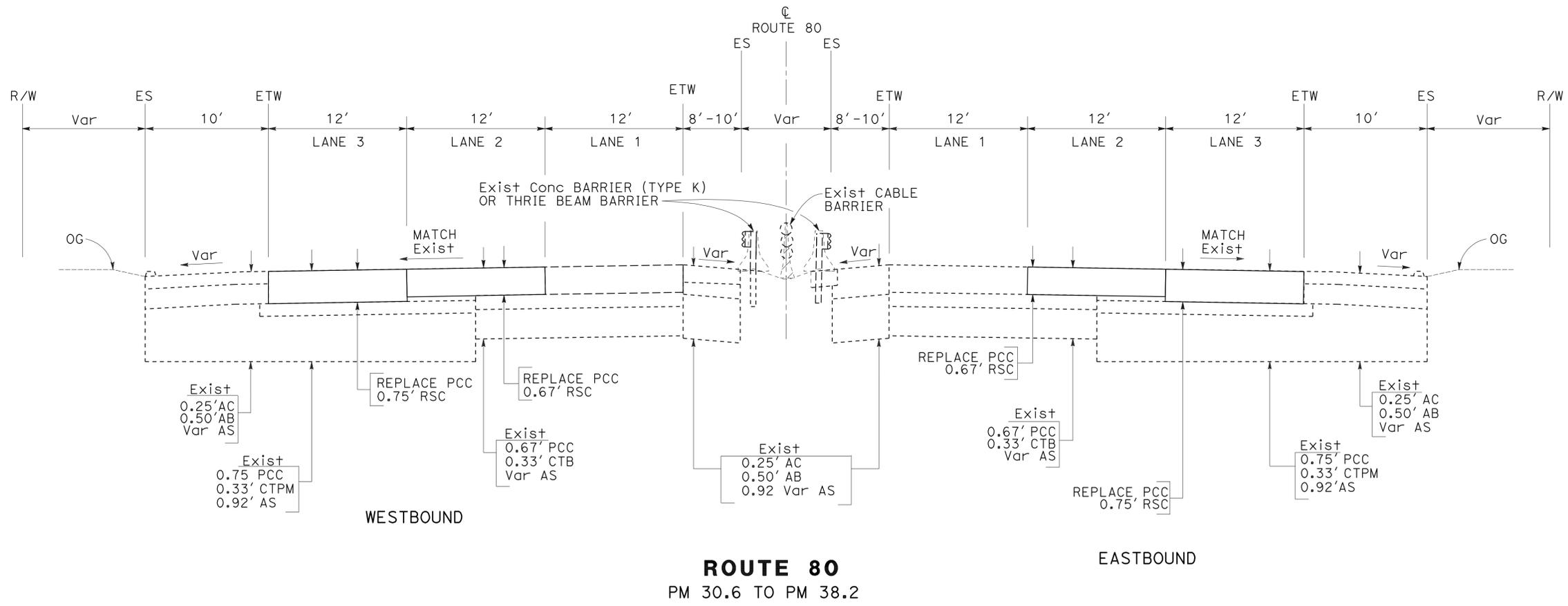
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**NOTES:**

- DIMENSIONS OF THE 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, SEE RIGHT OF WAY RECORD MAP AT DISTRICT OFFICE.
- EXISTING UTILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

**ABBREVIATION:**

RSC RAPID STRENGTH CONCRETE



**ROUTE 80**  
PM 30.6 TO PM 38.2

**TYPICAL CROSS SECTIONS**  
NO SCALE

X-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 DESIGN  
 FUNCTIONAL SUPERVISOR: RONNIE CHUA  
 CHECKED BY: RONNIE CHUA  
 CALCULATED/DESIGNED BY: ABDELRAHMAN BESHAI  
 REVISOR: RONNIE CHUA  
 REVISION DATE: 7/2/2010

USERNAME => s133066  
DGN FILE => 42e300ca001.dgn



UNIT 0976

PROJECT NUMBER & PHASE

04000200541

LAST REVISION | DATE PLOTTED => 16-AUG-2010  
 07-29-10 | TIME PLOTTED => 09:31

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SoI	80	30.6/38.2	3	16

<i>Florante P. Perez</i>	7-23-10
REGISTERED CIVIL ENGINEER	DATE
8-2-10	
PLANS APPROVAL DATE	

REGISTERED PROFESSIONAL ENGINEER	Florante P. Perez
No.	41030
Exp.	3-31-11
CIVIL	

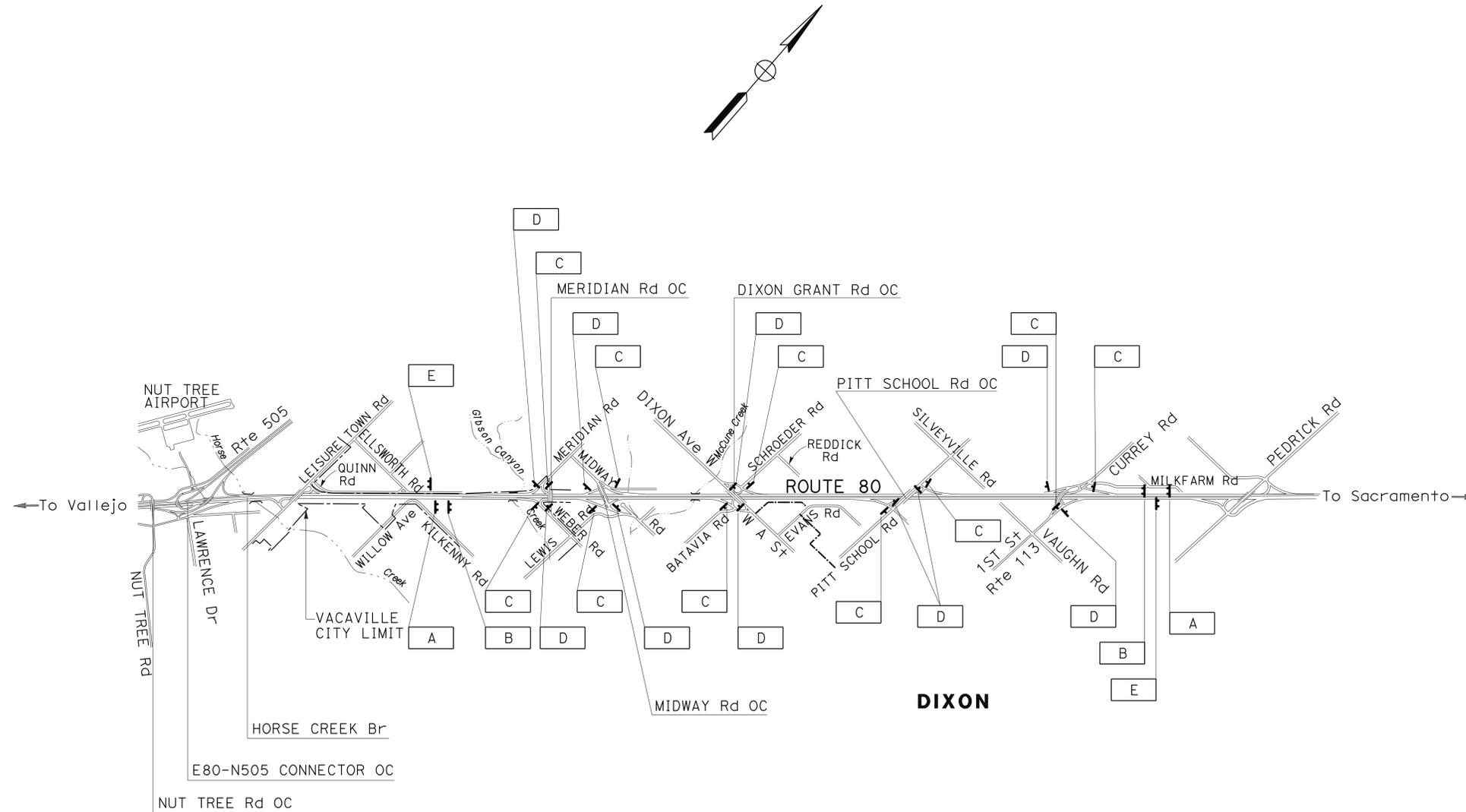
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**NOTES:**

1. LOCATION OF CONSTRUCTION AREA SIGNS SHOWN ARE APPROXIMATE, EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.
2. THESE PLANS ARE TO BE USED IN ADDITION TO DETAILS FOR RAMP CLOSURE MISCELLANEOUS DETAILS T14 OF THE STANDARD PLANS DATED MAY 2006.

**LEGEND:**

- CONSTRUCTION AREA SIGN LETTER
- TRAFFIC DIRECTION
- ✕ RAMP CLOSED

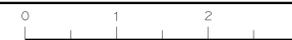


STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR	REVISOR	DATE
<b>Caltrans</b>	ROLAND AU-YEUNG	LOURDES DAVID	7/2/2010
		CLAUDIA FANG	

**CONSTRUCTION AREA SIGNS**  
NO SCALE

THIS PLAN ACCURATE FOR  
CONSTRUCTION AREA SIGN WORK ONLY

**CS-1**

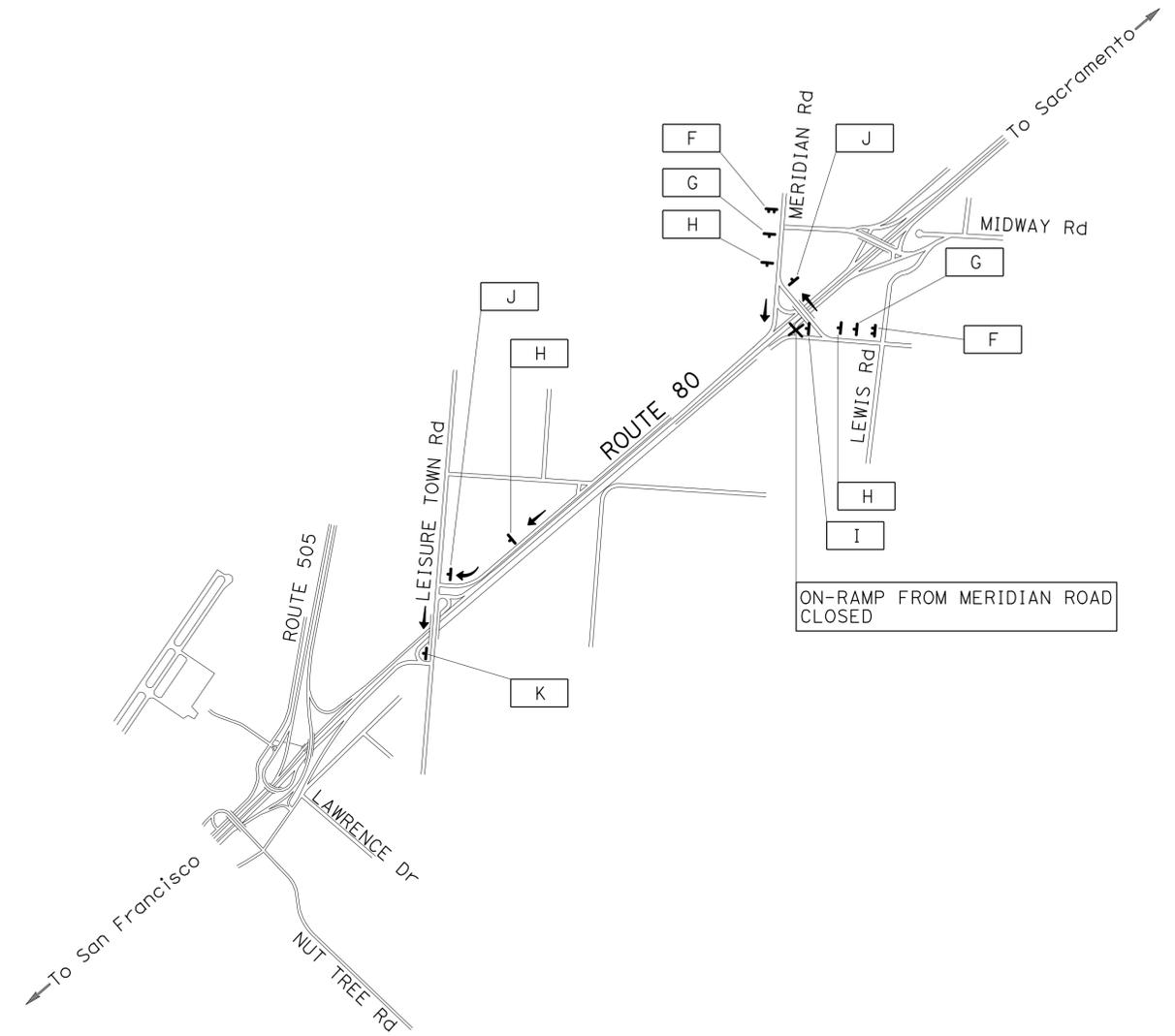


STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 FUNCTIONAL SUPERVISOR: ROLAND AU-YEUNG  
 CALCULATED/DESIGNED BY: CHECKED BY:  
 REVISOR: LOURDES DAVID, CLAUDIA FANG  
 DATE: 7/2/2010

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SoI	80	30.6/38.2	4	16

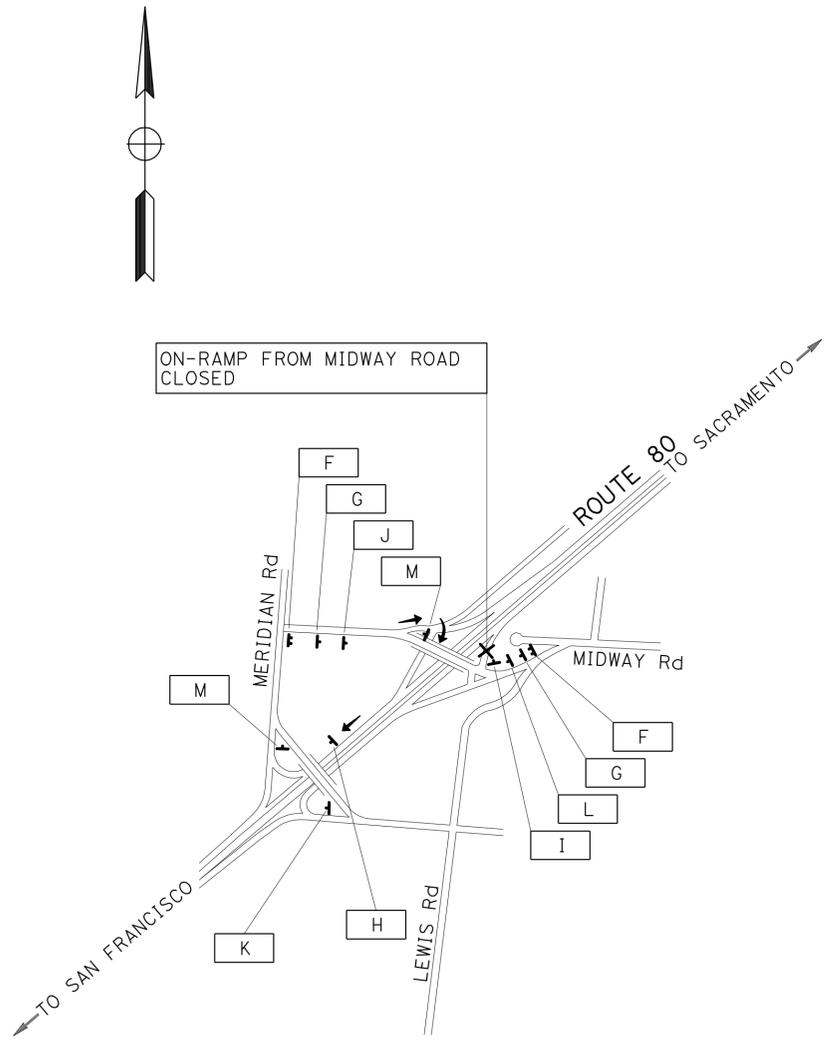
REGISTERED CIVIL ENGINEER: *Florante P. Perez* 7-23-10  
 DATE: 8-2-10  
 PLANS APPROVAL DATE: 8-2-10  
 No. 41030  
 Exp. 3-31-11  
 CIVIL  
 STATE OF CALIFORNIA

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**DETOUR PLAN No. 1**  
 ON-RAMP FROM MERIDIAN ROAD CLOSED

DETOUR VIA:  
 WB ROUTE 80  
 LEISURE TOWN OFF-RAMP  
 LEISURE TOWN ON-TO  
 EB ROUTE 80



**DETOUR PLAN No. 2**  
 ON-RAMP FROM MIDWAY ROAD CLOSED

DETOUR VIA:  
 WB ROUTE 80  
 MERIDIAN ROAD OFF-RAMP  
 MERIDIAN ROAD ON TO  
 EB ROUTE 80

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET CS-1



THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

**CONSTRUCTION AREA SIGNS AND DETOUR PLAN**  
 NO SCALE

**CS-2**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SoI	80	30.6/38.2	5	16

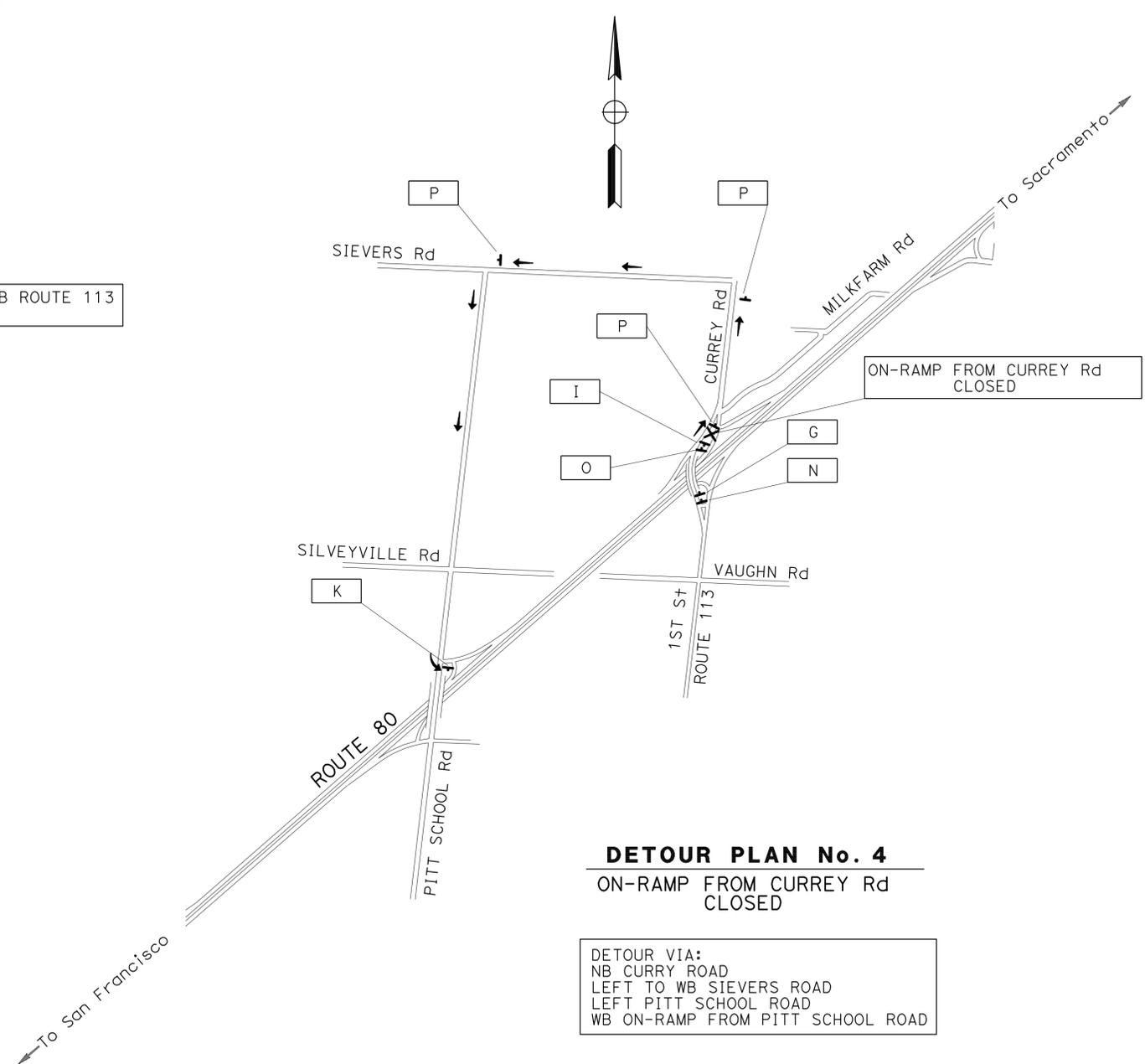
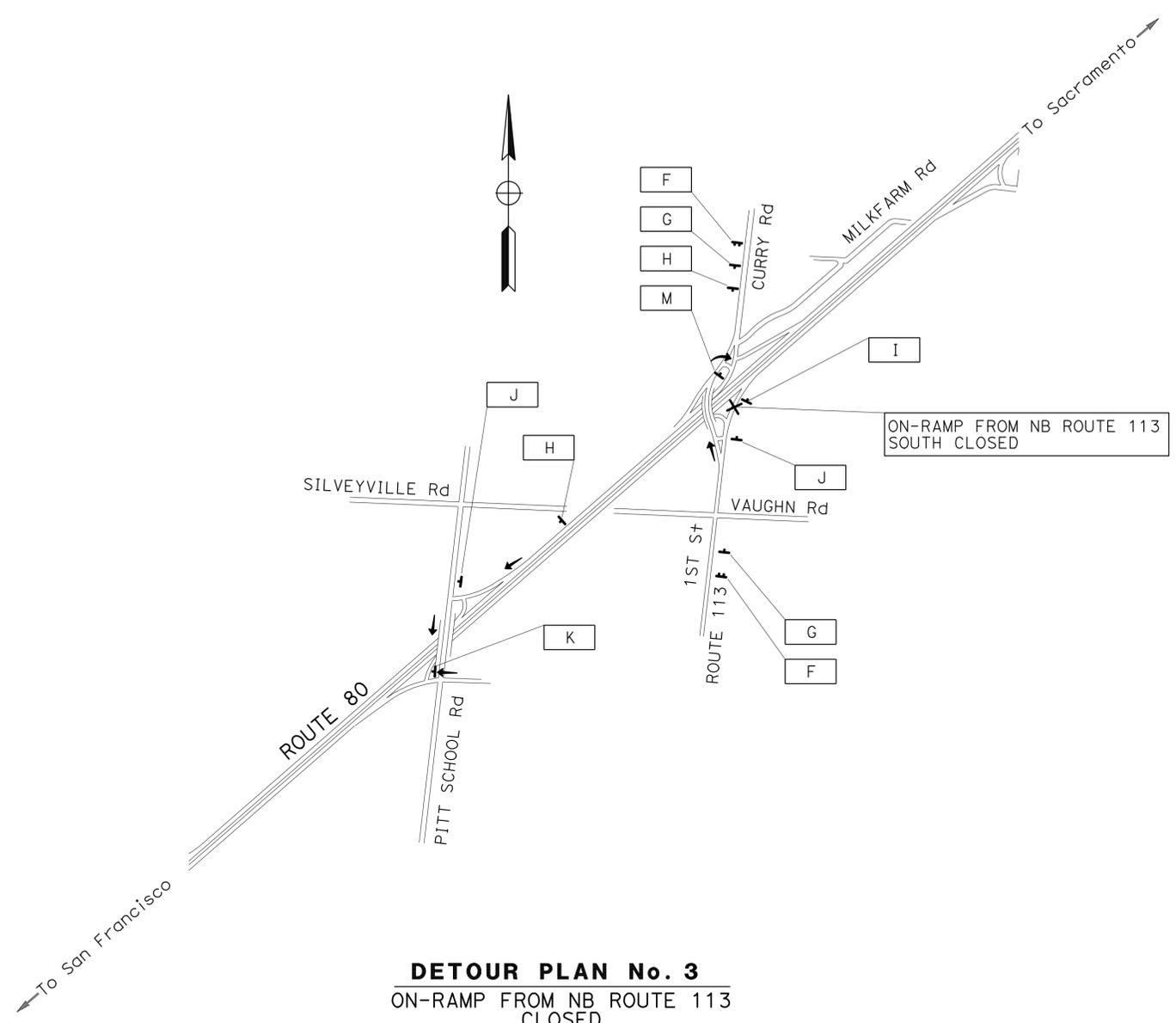
  

<i>Florante P. Perez</i>		7-23-10
REGISTERED CIVIL ENGINEER	DATE	
8-2-10		
PLANS APPROVAL DATE		

REGISTERED PROFESSIONAL ENGINEER	Florante P. Perez
No.	41030
Exp.	3-31-11
CIVIL	

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
Caltrans®  
FUNCTIONAL SUPERVISOR: ROLAND AU-YEUNG  
CALCULATED/DESIGNED BY: [blank]  
CHECKED BY: [blank]  
REVISOR: LOURDES DAVID, CLAUDIA FANG  
DATE: [blank]

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET CS-1

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

**CONSTRUCTION AREA SIGNS AND DETOUR PLAN**  
NO SCALE

**CS-3**

LAST REVISION | DATE PLOTTED => 16-AUG-2010 07-29-10 | TIME PLOTTED => 09:31



**STATIONARY MOUNTED CONSTRUCTION AREA SIGNS**

SIGN No.	MUTCD CODE	MESSAGE	PANEL SIZE	NUMBER OF POST AND SIZE	No. OF SIGNS	REMARKS
A	G20-1(9 MILES)	ROAD WORK (NEXT 9 MILES)	60'' x 36''	2 - 4'' x 4''	2	
B	C40- (CA)	TRAFFIC FINE DOUBLE IN Const ZONE	108'' x 42''	2 - 4'' x 4''	2	
C	G20-2	END ROAD WORK	36'' x 18''	1 - 4'' x 4''	10	
D	W20-1	ROAD WORK AHEAD	48'' x 48''	1 - 4'' x 6''	10	
E	G20-2	END ROAD WORK	60'' x 24''	2 - 4'' x 4''	2	
F	SPECIAL	EAST 80 ON-RAMP CLOSED AHEAD	84'' x 54''	2 - 4'' x 6''	6	
G	W20-2	DETOUR AHEAD	48'' x 48''	1 - 4'' x 6''	11	
H	M4-8	DETOUR	21'' x 9''	1 - 4'' x 6''	6	
	M1-1 (80)	ROUTE 80 SHIELD	21'' x 18''			
	M3-2	EAST	21'' x 9''			
I	M6-2 (↗)	UPRIGHT ARROW	21'' x 15''	1 - 6'' x 6''	6	
	SC6-4 (CA)	RAMP CLOSED	48'' x 60''			
	M4-8	DETOUR	21'' x 9''			
J	M1-1 (80)	ROUTE 80 SHIELD	21'' x 18''	1 - 4'' x 6''	5	
	M3-2	EAST	21'' x 9''			
	M6-1 (←)	LEFT TURN ARROW	21'' x 15''			
K	M4-8α	END DETOUR	20'' x 18''	1 - 4'' x 4''	6	
L	M4-8	DETOUR	21'' x 9''	1 - 4'' x 6''	1	
	M1-1 (80)	ROUTE 80 SHIELD	21'' x 18''			
	M3-2	EAST	21'' x 9''			
M	M6-3 (↑)	STRAIGHT AHEAD ARROW	21'' x 15''	1 - 4'' x 6''	3	
	M4-8	DETOUR	21'' x 9''			
	M1-1 (80)	ROUTE 80 SHIELD	21'' x 18''			
N	M3-2	EAST	21'' x 9''	2 - 4'' x 6''	5	
	M6-1 (→)	RIGHT TURN ARROW	21'' x 15''			
	SPECIAL	WEST 80 ON-RAMP CLOSED AHEAD	84'' x 54''			
O	M4-8	DETOUR	21'' x 9''	1 - 4'' x 6''	2	
	M1-1 (80)	ROUTE 80 SHIELD	21'' x 18''			
	M3-4	WEST	21'' x 9''			
P	M6-2 (↖)	UPRIGHT ARROW (L+)	21'' x 15''	1 - 4'' x 6''	10	
	M4-8	DETOUR	21'' x 9''			
	M1-1 (80)	ROUTE 80 SHIELD	21'' x 18''			
Q	M3-4	WEST	21'' x 9''	1 - 4'' x 6''	3	
	M6-3 (↑)	STRAIGHT AHEAD ARROW	21'' x 15''			
	M4-8	DETOUR	21'' x 9''			
R	M1-1 (80)	ROUTE 80 SHIELD	21'' x 18''	1 - 4'' x 6''	3	
	M3-4	WEST	21'' x 9''			
	M6-1 (→)	RIGHT TURN ARROW	21'' x 15''			
S	M4-8	DETOUR	21'' x 9''	1 - 4'' x 6''	1	
	M1-1 (80)	ROUTE 80 SHIELD	21'' x 18''			
	M3-4	WEST	21'' x 9''			
	M6-2 (↖)	UPRIGHT ARROW	21'' x 15''			

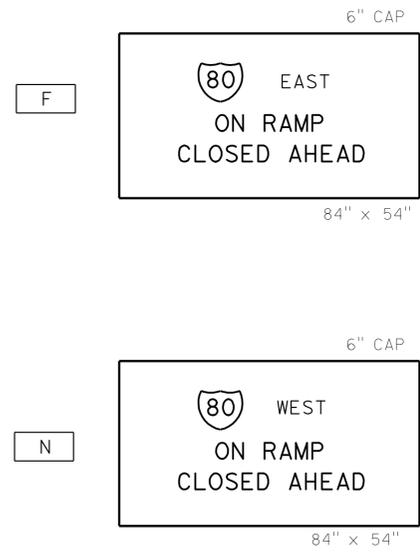
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	SoI	80	30.6/38.2	7	16

*Florante P. Perez* 7-23-10  
 REGISTERED CIVIL ENGINEER DATE

8-2-10  
 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.

**SPECIAL MESSAGE SIGNS**



**CONSTRUCTION AREA SIGNS AND DETOUR PLAN**

**CS-5**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 TRAFFIC

FOR NOTES, ABBREVIATIONS AND LEGEND, SEE SHEET CS-1

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

LAST REVISION | DATE PLOTTED => 16-AUG-2010 07-29-10 | TIME PLOTTED => 09:32

**NOTE:**

SHOWN LOCATION AND DIMENSION OF SLABS  
 ARE APPROXIMATE, EXACT LOCATION AND  
 DIMENSIONS TO BE DETERMINED BY THE ENGINEER.

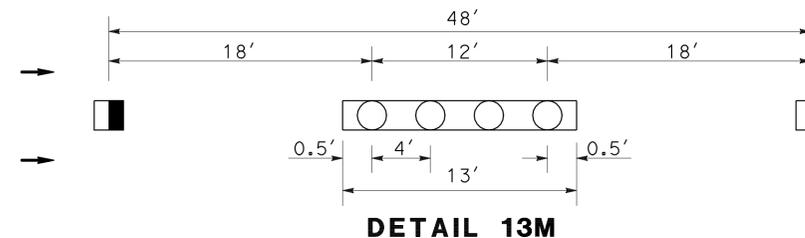
**REPLACE CONCRETE PAVEMENT  
 (RAPID STRENGTH CONCRETE)**

DIRECTION	LOCATION PM	No. OF SLABS [N]		LENGTH OF SLAB	WIDTH OF SLAB	THICKNESS OF SLAB	RAPID STRENGTH CONCRETE	
		Ln#2	Ln#3				Ln#2	Ln#3
		EA		F+		CY		
EB	32.62		2	19.60	12	0.75		13.07
	32.65		4	19.60	12	0.75		26.13
	32.67		2	19.60	12	0.75		13.07
	34.50		1	19.60	12	0.75		6.53
	35.52	1		19.60	12	0.67	5.84	
	37.70	1		19.60	12	0.67	5.84	
	SUBTOTAL EB	2	9	19.60			11.67	58.80
WB	30.60		1	19.60	12	0.75		6.53
	30.70		2	19.60	12	0.75		13.07
	31.00		2	19.60	12	0.75		13.07
	31.05		3	19.60	12	0.75		19.60
	31.10		9	19.60	12	0.75		58.80
	31.20		5	19.60	12	0.75		32.67
	31.37		4	19.60	12	0.75		26.13
	31.40		1	19.60	12	0.75		6.53
	31.50		2	19.60	12	0.75		13.07
	31.60		2	19.60	12	0.75		13.07
	31.80		10	19.60	12	0.75		65.33
	31.85		17	19.60	12	0.75		111.07
	31.90		10	19.60	12	0.75		65.33
	31.95		3	19.60	12	0.75		19.60
	32.00		2	19.60	12	0.75		13.07
	32.05		8	19.60	12	0.75		52.27
	32.10		2	19.60	12	0.75		13.07
	32.10		1	19.60	12	0.75		6.53
	32.20		7	19.60	12	0.75		45.73
	32.30		3	19.60	12	0.75		19.60
	32.40		2	19.60	12	0.75		13.07
	32.50		3	19.60	12	0.75		19.60
	32.60		2	19.60	12	0.75		13.07
	33.05	1		19.60	12	0.67	5.84	
34.50	3		19.60	12	0.67	17.51		
	SUBTOTAL WB	4	101			23.35	659.87	
	TOTAL EB		11				70.47	
	TOTAL WB		105				683.21	
	TOTAL EB & WB		116				753.69	

[N] NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

**NOTES:**

1. DETAIL 13M IS A MODIFIED DETAIL 13 LANE LINE.
2. FOR DETAIL NOT SHOWN, SEE S+d PLAN A20A.
3. INSTALL 4" WHITE AFTER INSTALLING PAVEMENT MARKERS.



**PAVEMENT DELINEATION QUANTITIES**

LOCATION PM	DIRECTION	DETAIL No.	THERMOPLASTIC TRAFFIC STRIP		PAVEMENT MARKER	
			4" WHITE BROKEN (18'-12')	4" WHITE	NON-REFLECTIVE TYPE A	RETROREFLECTIVE TYPE G
			F+		EA	
32.62-37.70	EB	13M	240		20	6
		27B		180		
30.60-34.50	WB	13M	2020		170	44
		27B		2020		
		SUBTOTAL	2260	2200	190	50
		TOTAL	4460		190	50

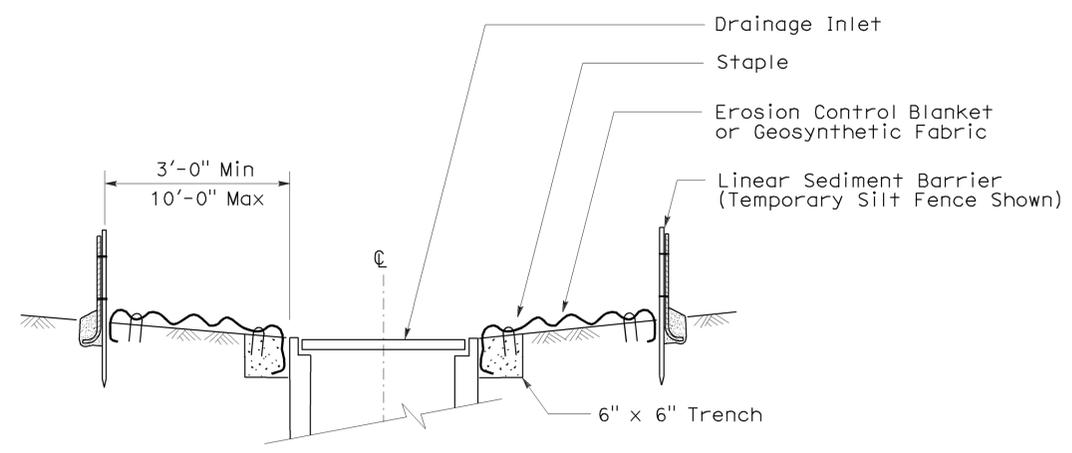
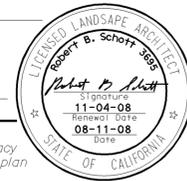
**SUMMARY OF QUANTITIES**

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Soi	80	30.6/38.2	9	16

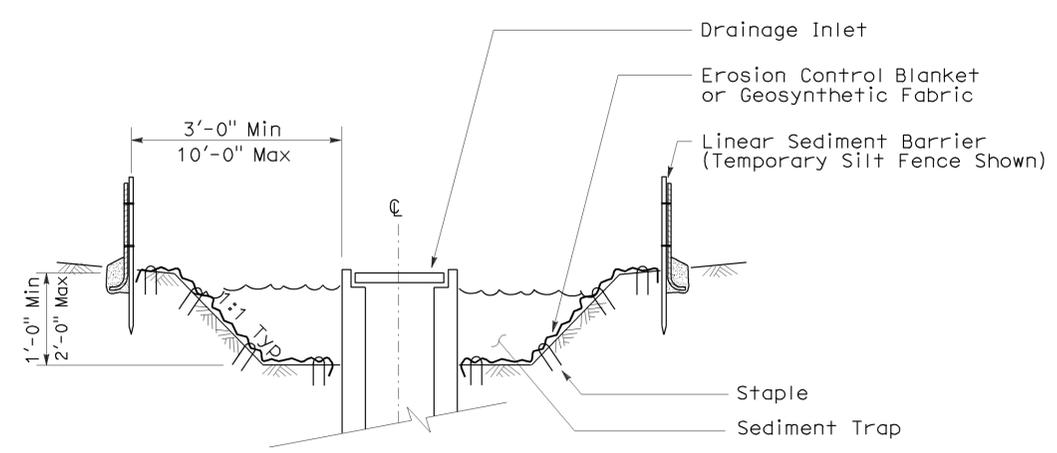
*Robert B. Schott*  
 LICENSED LANDSCAPE ARCHITECT  
 August 15, 2008  
 PLANS Approval DATE

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.

To accompany plans dated 8-2-10



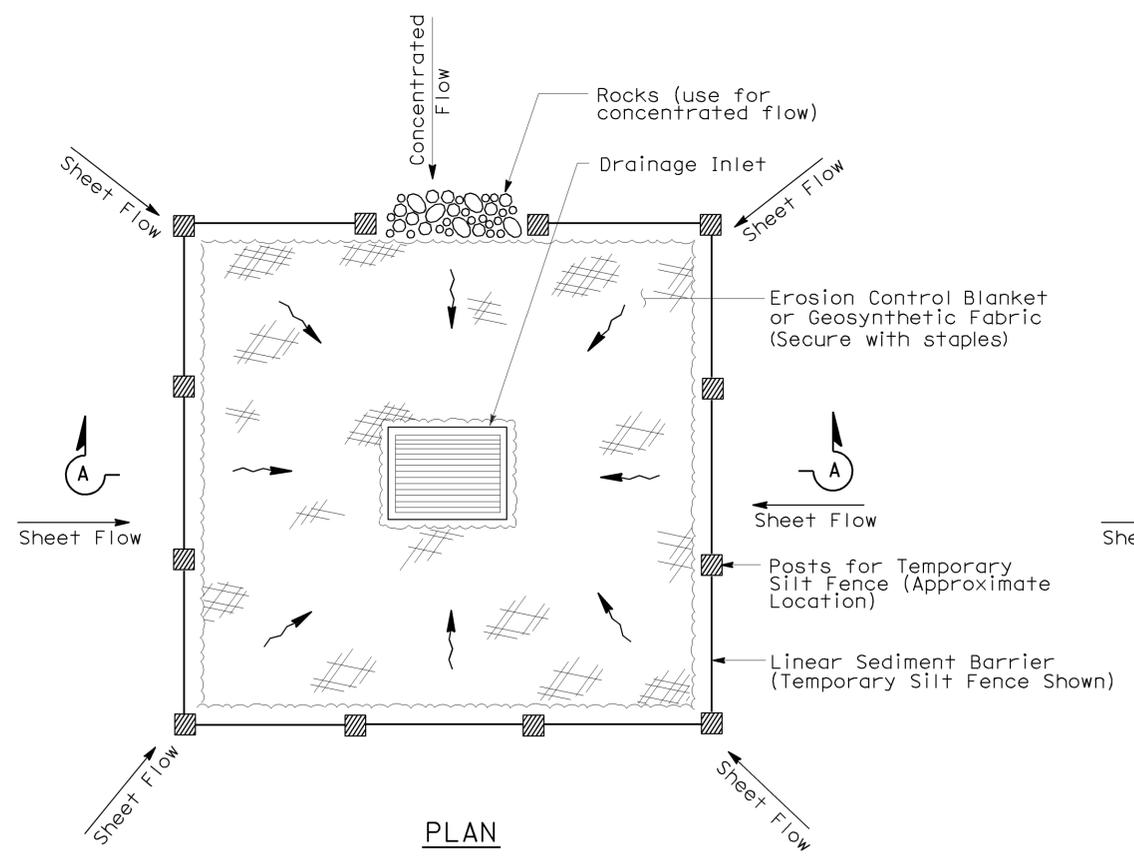
SECTION A-A



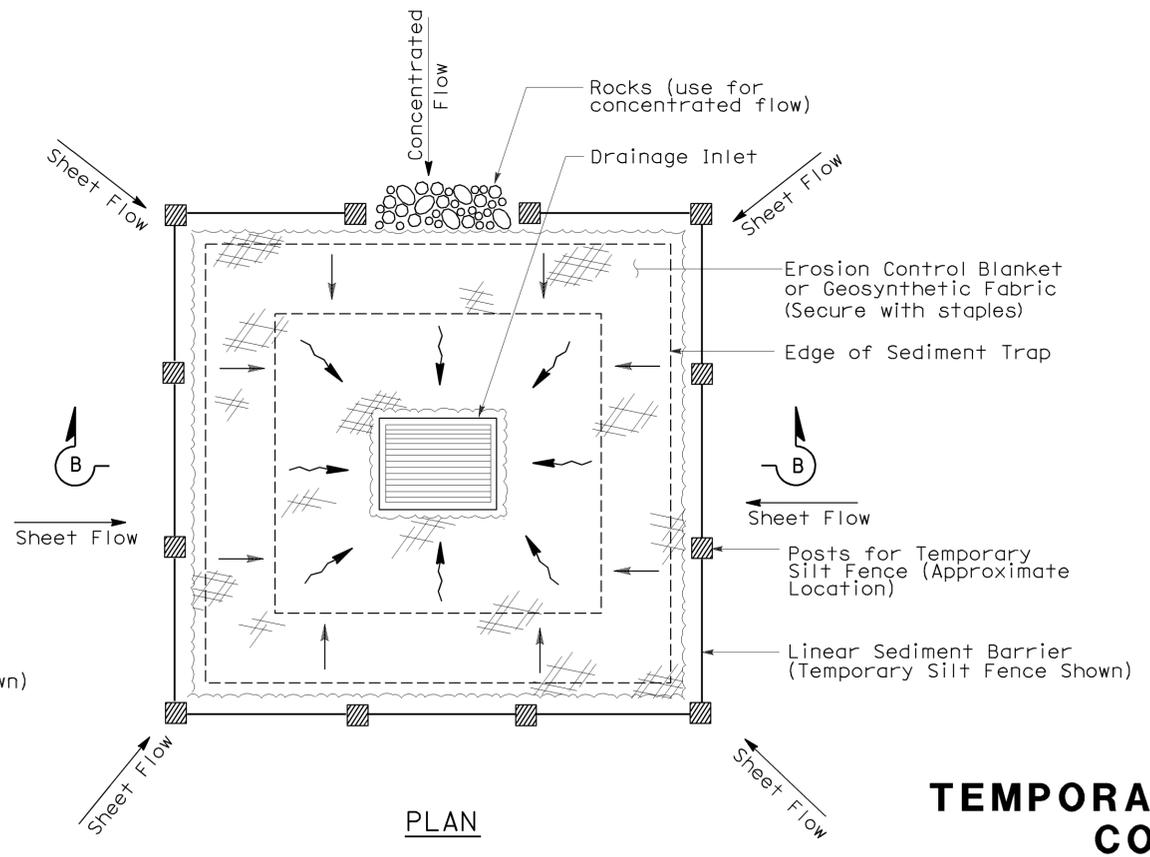
SECTION B-B

**NOTES:**

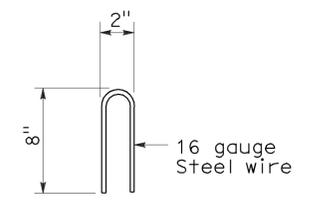
1. See Standard Plan T51 for Temporary Silt Fence.
2. Dimensions may vary to fit field conditions.



TEMPORARY DRAINAGE INLET PROTECTION (TYPE 1)



TEMPORARY DRAINAGE INLET PROTECTION (TYPE 2) (EXCAVATED SEDIMENT TRAP)



STAPLE DETAIL

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
**TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)**  
 NO SCALE

Nsp t61 dated august 15, 2008 supplements the standard plans book dated may 2006.

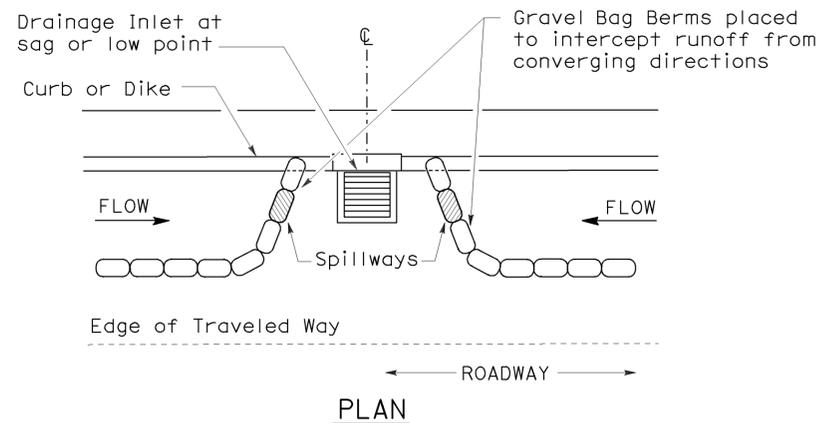
2006 NEW STANDARD PLAN NSP T61



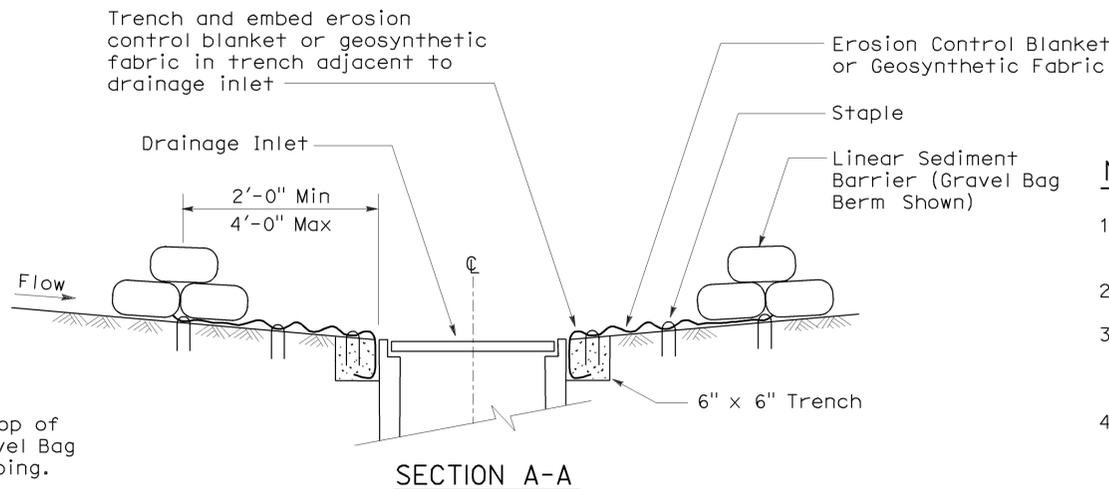
### GRAVEL BAG BERM (TYPE 3A) SPACING TABLE

SLOPE OF ROADWAY (PERCENT)	1 to 3.9	4 to 5.9	6 to 7.9	8 to 10	10+
INTERVAL BETWEEN BERM	100'	75'	50'	25'	12'

For slope of less than 1%, install barriers only if erosion/sediment is prevalent



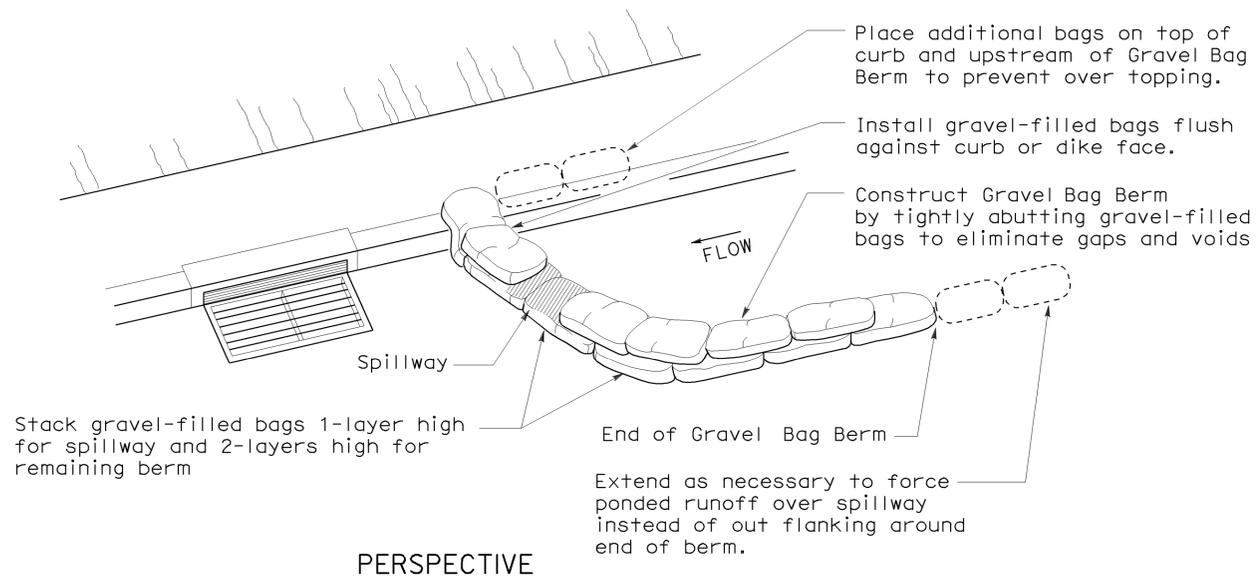
**CONFIGURATION FOR SAG POINT INLET (GRAVEL BAG BERM)**



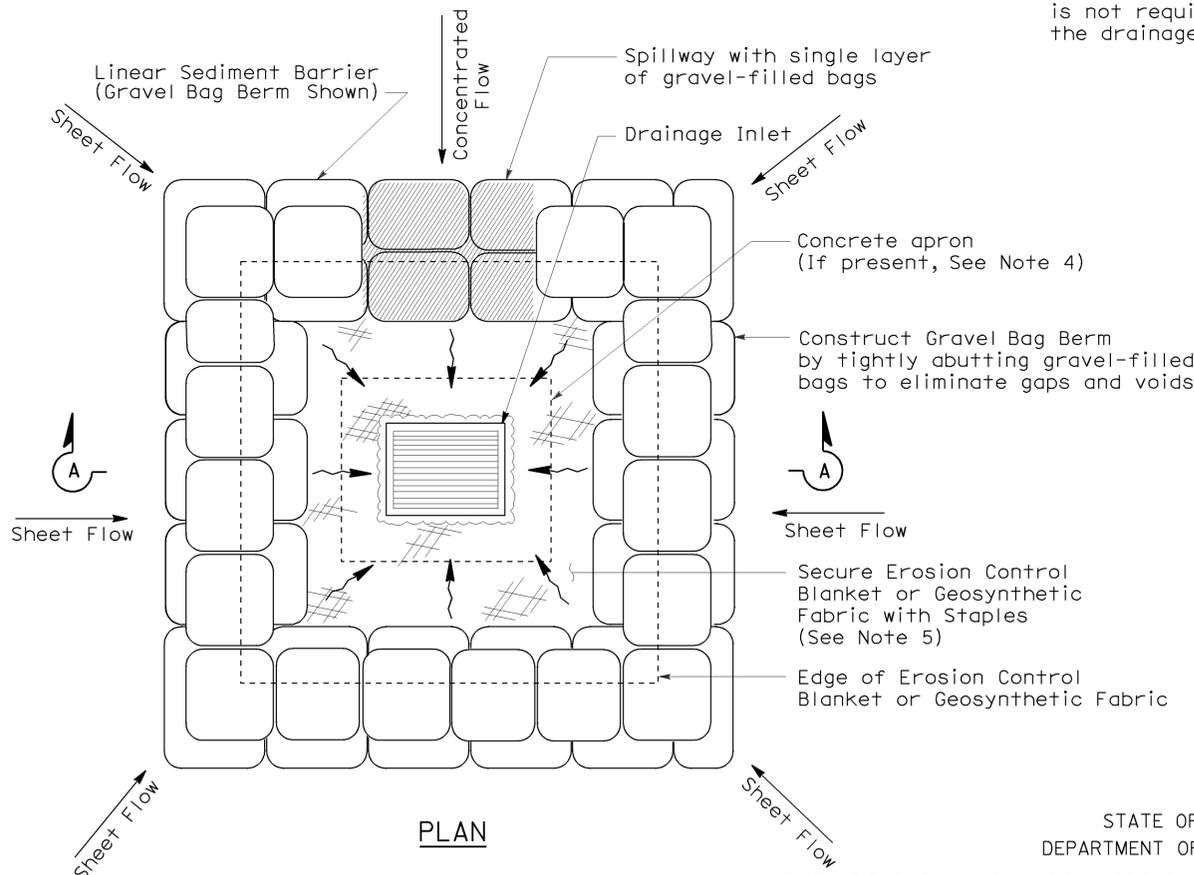
**SECTION A-A**

**NOTES:**

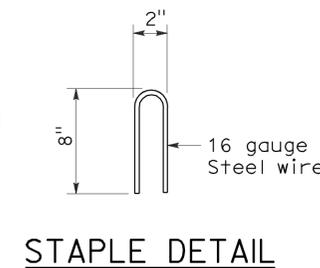
1. Place safety cones adjacent to drainage inlet protection.
2. Dimensions may vary to fit field conditions.
3. Install a minimum of 3 gravel bag berms upstream of each drainage inlet to be protected.
4. Position erosion control blanket or geosynthetic fabric at edge of concrete apron and secure in trench.
5. Erosion control blanket or geosynthetic fabric is not required if the area adjacent to the drainage inlet is vegetated or paved.



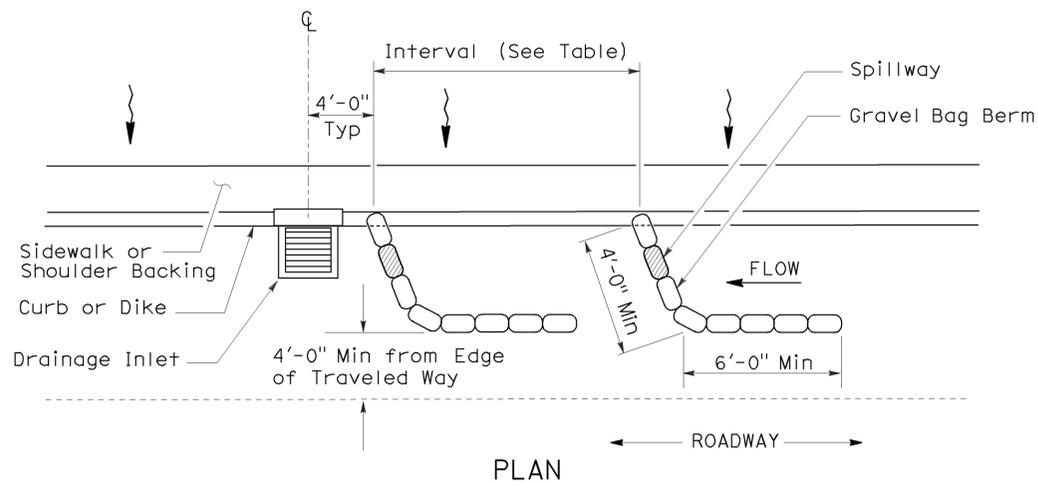
**PERSPECTIVE**



**TEMPORARY DRAINAGE INLET PROTECTION (TYPE 3B)**



**STAPLE DETAIL**



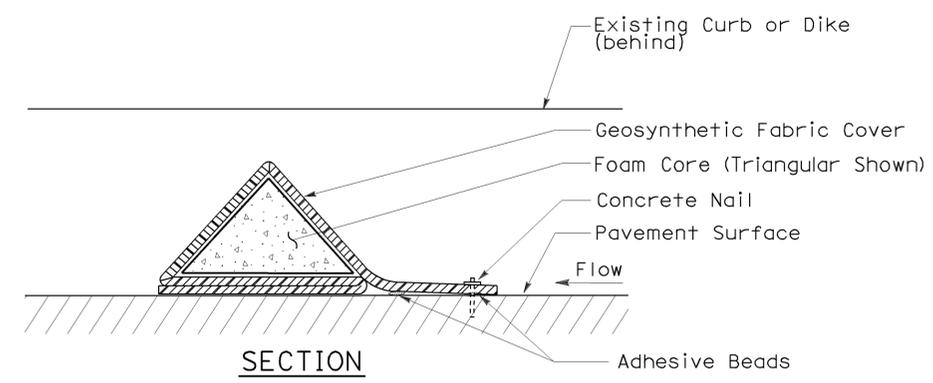
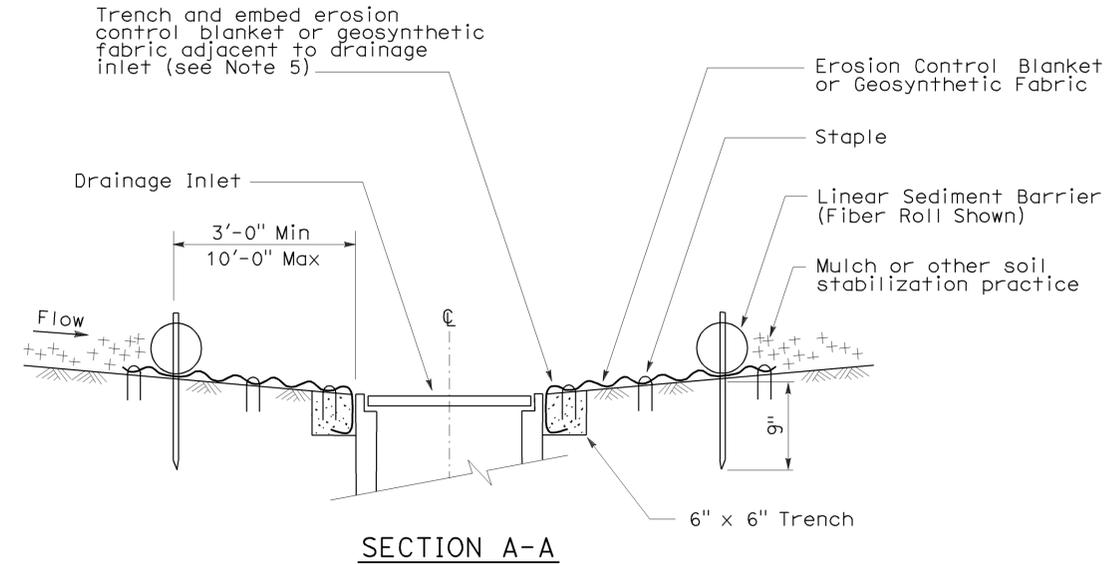
**TEMPORARY DRAINAGE INLET PROTECTION (TYPE 3A) (GRAVEL BAG BERM)**

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

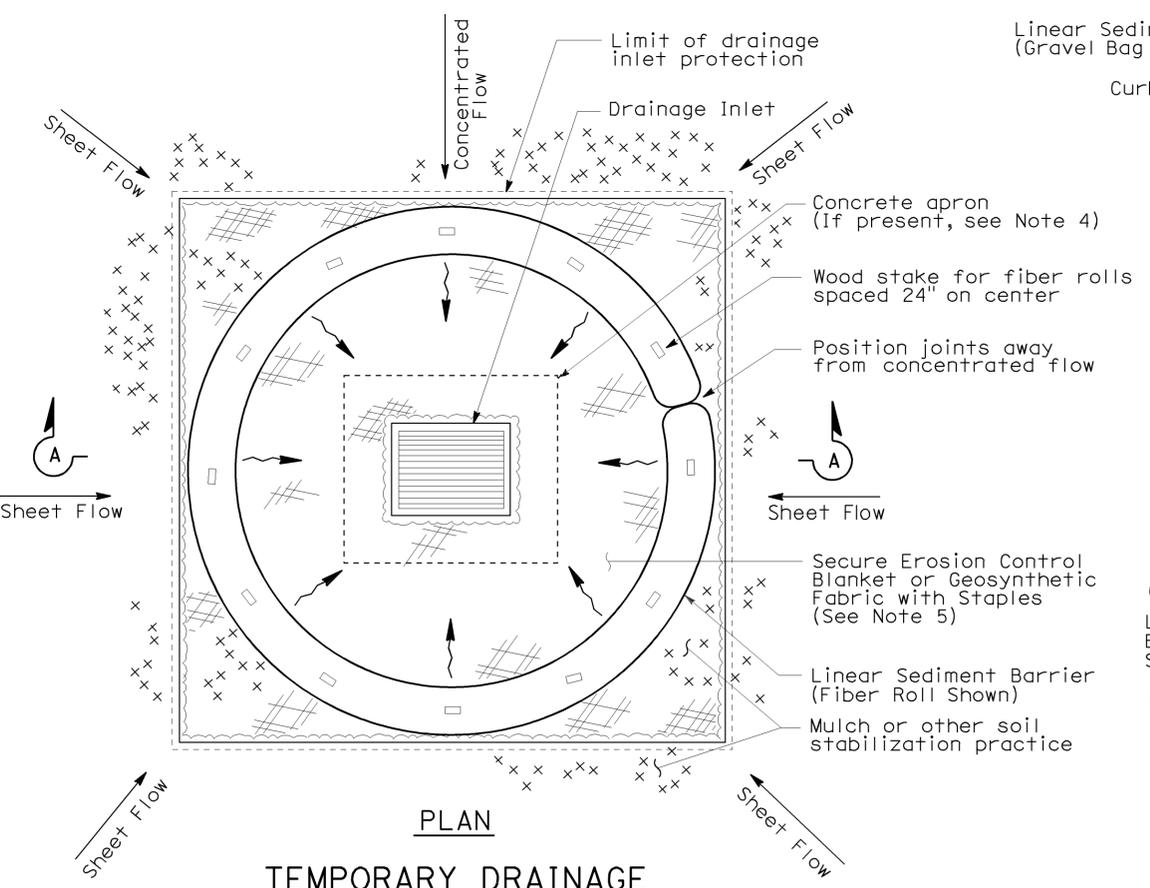
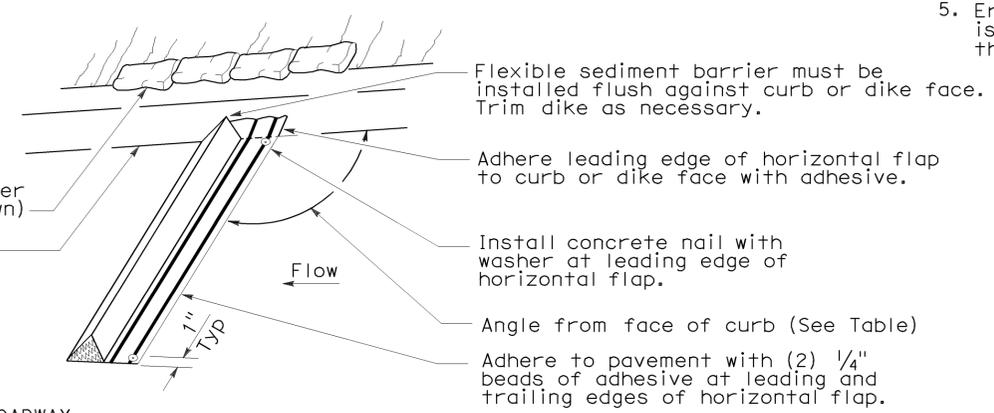
NO SCALE  
 NSP T62 DATED AUGUST 15, 2008 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

**FLEXIBLE SEDIMENT BARRIER SPACING TABLE**

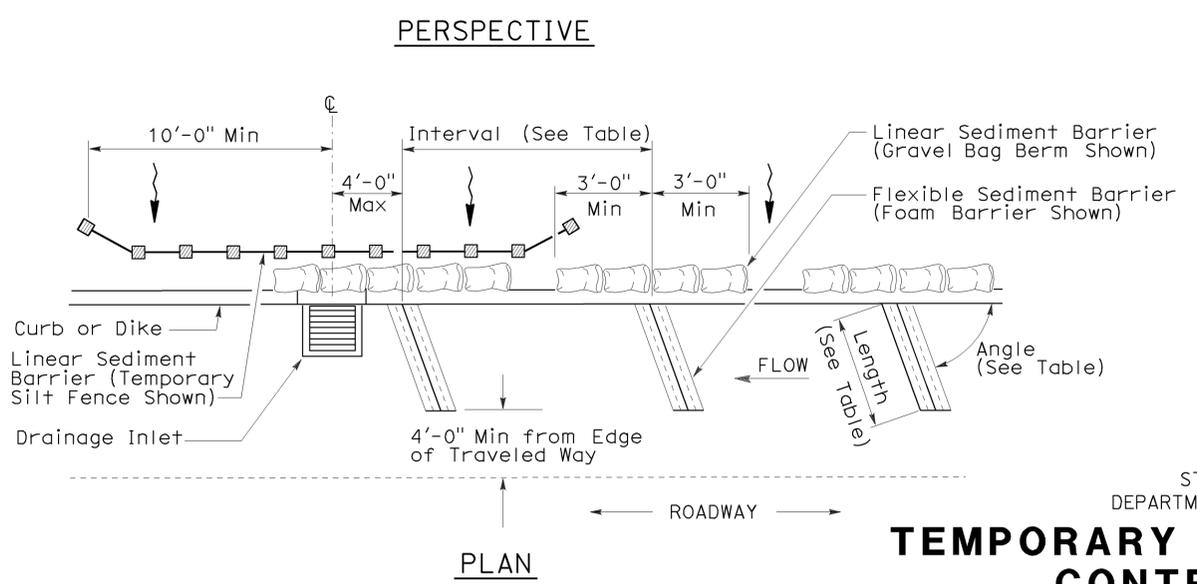
SLOPE OF ROADWAY (PERCENT)	0 to 0.9	1 to 1.9	2 to 2.9	3 to 4	5+
INTERVAL BETWEEN BARRIERS	50'	35'	30'	25'	20'
ANGLE FROM FACE OF CURB	70°	70°	70°	45°	45°
SUGGESTED BARRIER LENGTH	6'	6'	6'	6'	6'



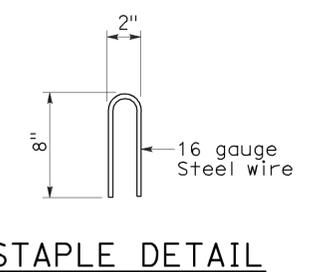
**FLEXIBLE SEDIMENT BARRIER DETAIL (FOAM BARRIER SHOWN)**



**TEMPORARY DRAINAGE INLET PROTECTION (TYPE 4A)**



**TEMPORARY DRAINAGE INLET PROTECTION (TYPE 4B) FLEXIBLE SEDIMENT BARRIER**



**NOTES:**

1. See Standard Plan T51 for Temporary Silt Fence.
2. Dimensions may vary to fit field conditions.
3. Install a minimum of 3 flexible sediment barriers upstream of each drainage inlet to be protected.
4. Position erosion control blanket or geosynthetic fabric at edge of concrete apron and secure in trench.
5. Erosion control blanket or geosynthetic fabric is not required if the area adjacent to the drainage inlet is vegetated.

STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION

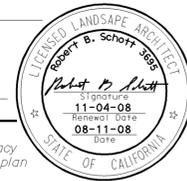
**TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY DRAINAGE INLET PROTECTION)**

NO SCALE  
 NSP T63 DATED AUGUST 15, 2008 SUPPLEMENTS THE STANDARD PLANS BOOK DATED MAY 2006.

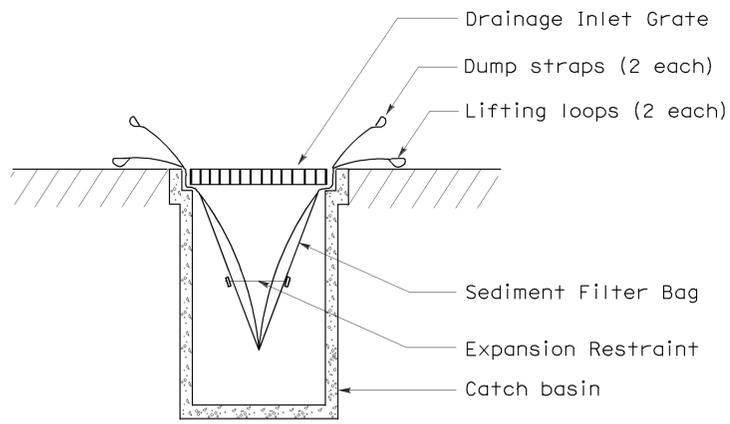
2006 NEW STANDARD PLAN NSP T63

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Soi	80	30.6/38.2	12	16

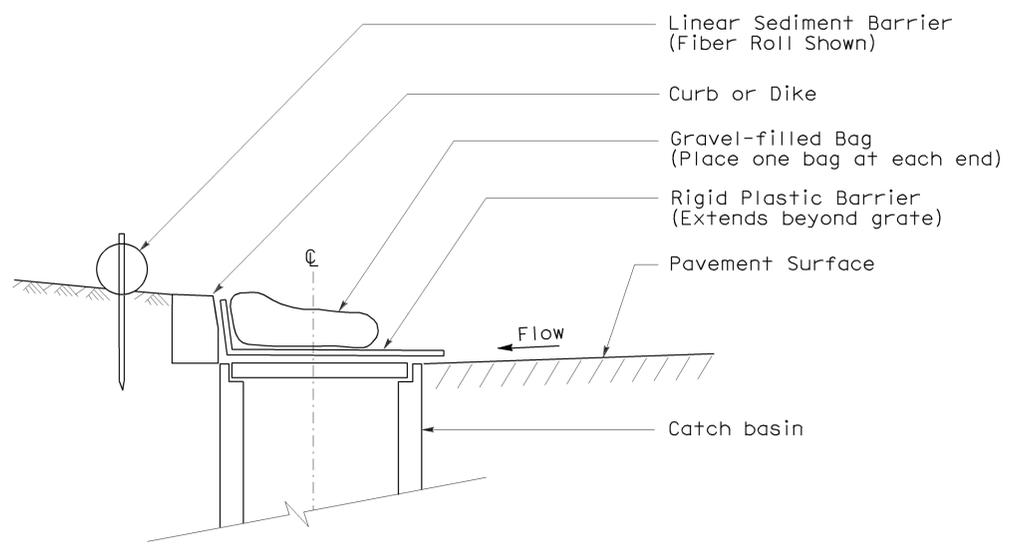
Robert B. Schott  
 LICENSED LANDSCAPE ARCHITECT  
 August 15, 2008  
 PLANS APPROVAL DATE  
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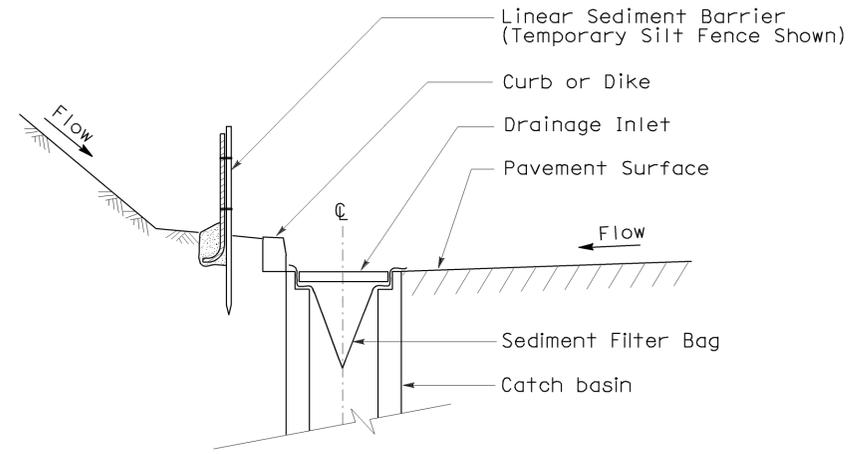
To accompany plans dated 8-2-10



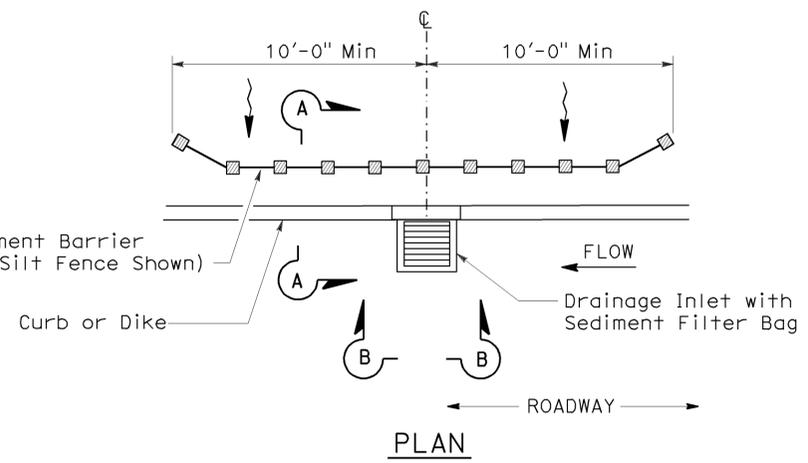
**SECTION B-B**  
**SEDIMENT FILTER BAG DETAIL**



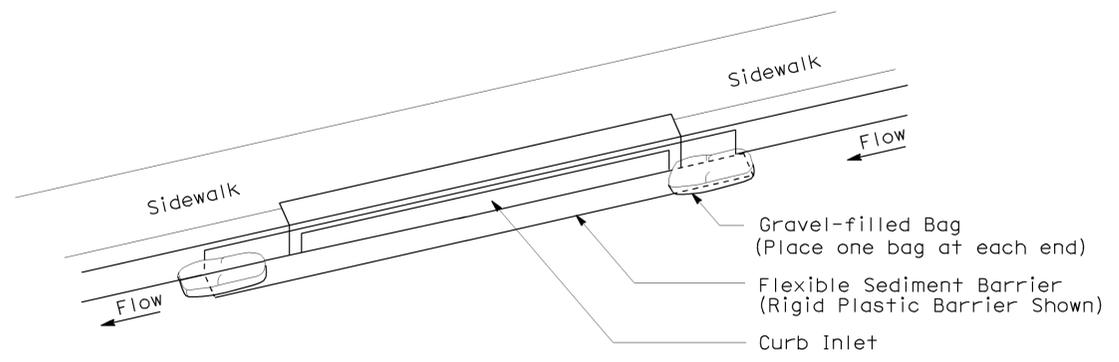
**SECTION**  
**TEMPORARY DRAINAGE**  
**INLET PROTECTION (TYPE 6A)**  
**(CATCH BASIN WITH GRATE)**



**SECTION A-A**



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



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

**NOTES:**

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

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.

**NEW STANDARD PLAN NSP T64**

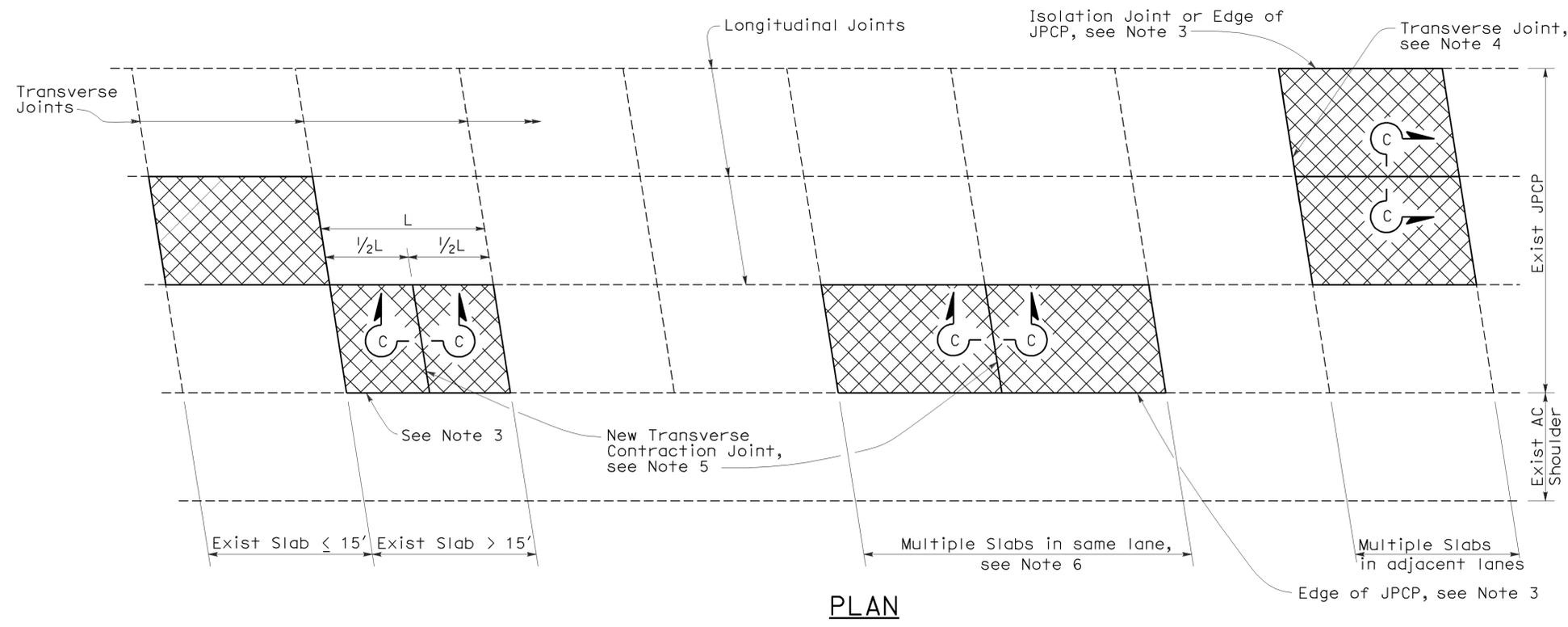
2006 NEW STANDARD PLAN NSP T64

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Soi	80	30.6/38.2	13	16

William K. Farnbach  
 REGISTERED CIVIL ENGINEER  
 May 15, 2009  
 PLANS APPROVAL DATE  
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REGISTERED PROFESSIONAL ENGINEER  
 William K. Farnbach  
 No. C49042  
 Exp. 9-30-10  
 CIVIL  
 STATE OF CALIFORNIA

To accompany plans dated 8-2-10

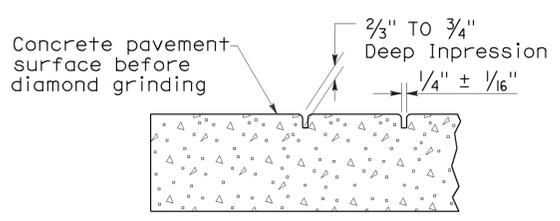
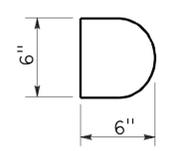
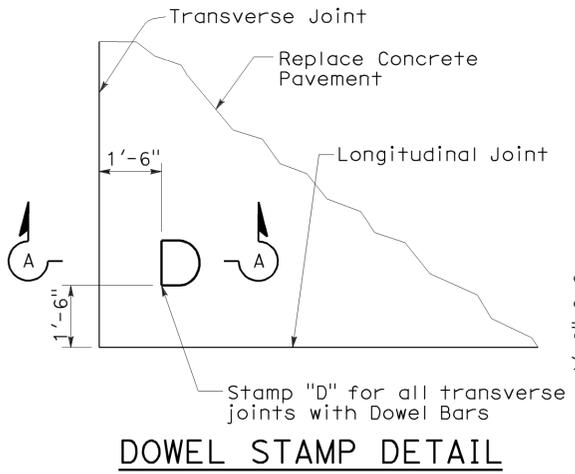


PLAN

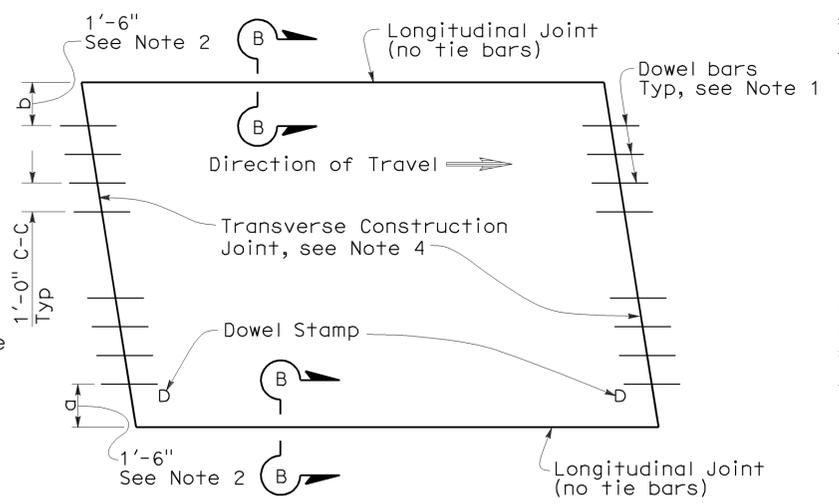
NOTES:

- For details not shown, see Revised Standard Plan RSP P10.
- Where the existing outer shoulder pavement is asphalt concrete pavement, the "a" dimension shall be 1'-0" and the "b" dimension shall be 2'-0".
- Side forms shall be used where edge of pavement is adjacent to asphalt concrete.
- For detail, see Transverse Construction Joint for existing concrete pavement detail on Revised Standard Plan RSP P10.
- Transverse joint to match skew of existing joint. Omit dowel bars.
- This Standard Plan only applicable when replacing multiple slabs in the same lane is less than 100'.

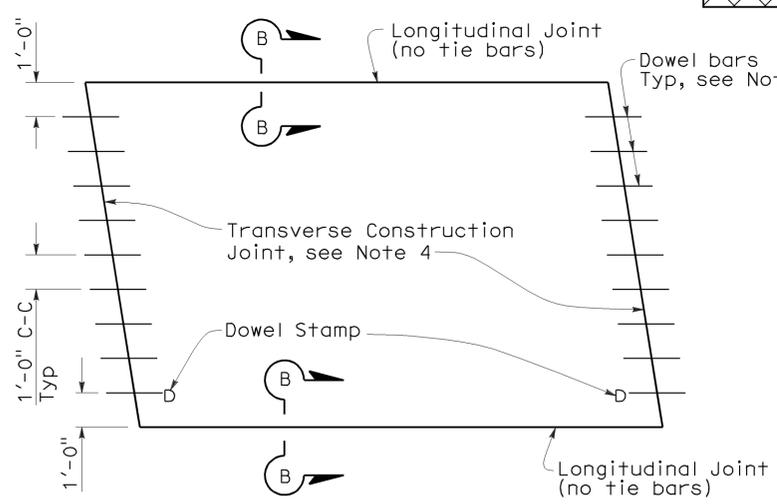
LEGEND



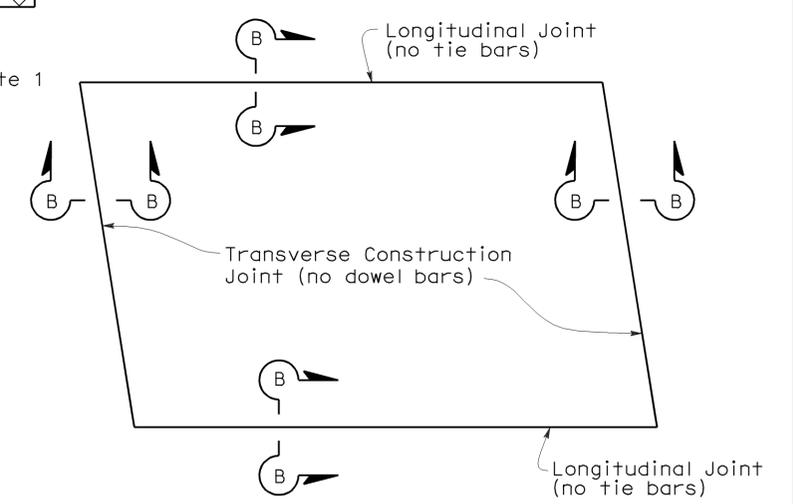
SECTION A-A



TYPE I  
(traffic lane lines match longitudinal joints)

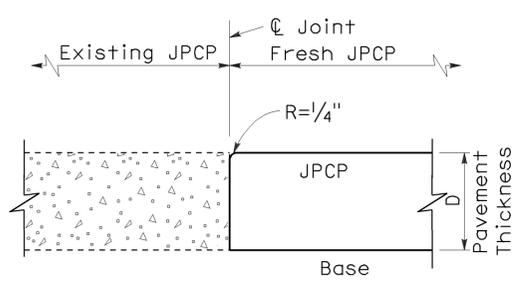


TYPE II  
(traffic lane lines do not match longitudinal joints)

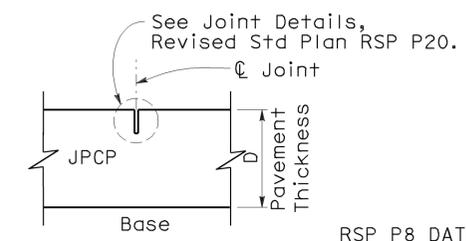


TYPE III  
(for short term repairs < 5 yrs design life or for slab replacements with a cracking and seating operation)

SLAB LAYOUT



SECTION B-B



SECTION C-C

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**JOINTED PLAIN CONCRETE PAVEMENT-INDIVIDUAL SLAB REPLACEMENT**

NO SCALE

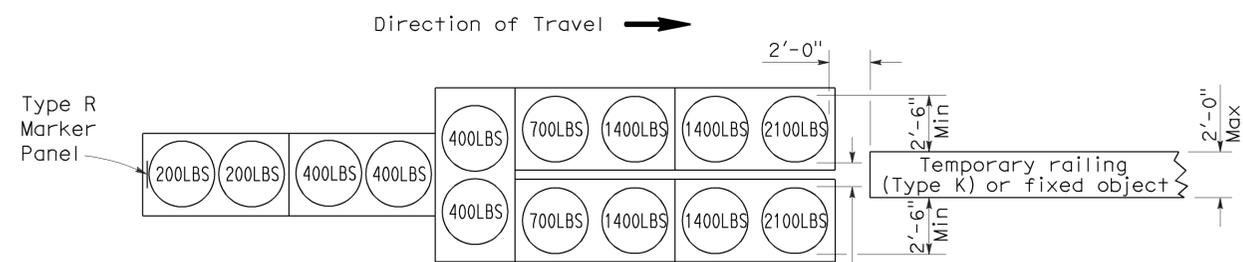
RSP P8 DATED MAY 15, 2009 SUPERSEDES RSP P8 DATED SEPTEMBER 1, 2006 AND STANDARD PLAN P8 DATED MAY 1, 2006 - PAGE 123 OF THE STANDARD PLANS BOOK DATED MAY 2006.

**REVISED STANDARD PLAN RSP P8**

2006 REVISED STANDARD PLAN RSP P8

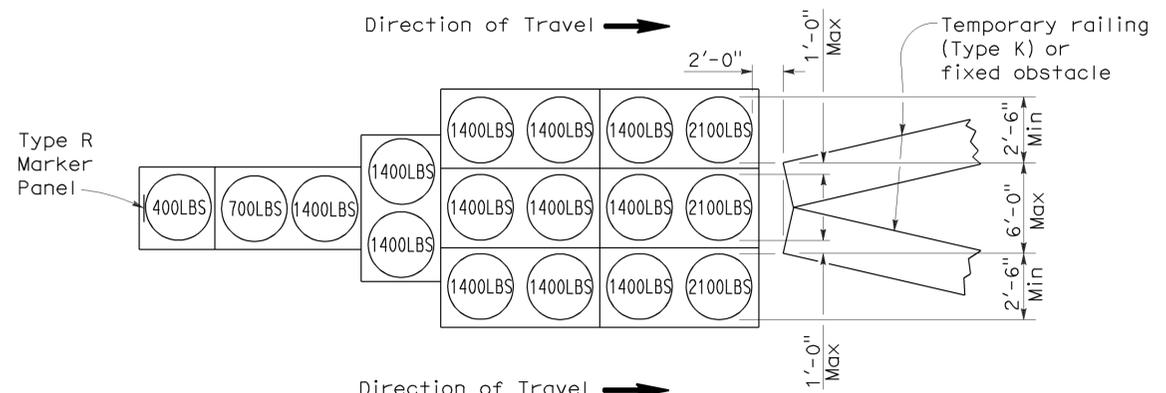
123

To accompany plans dated 8-2-10



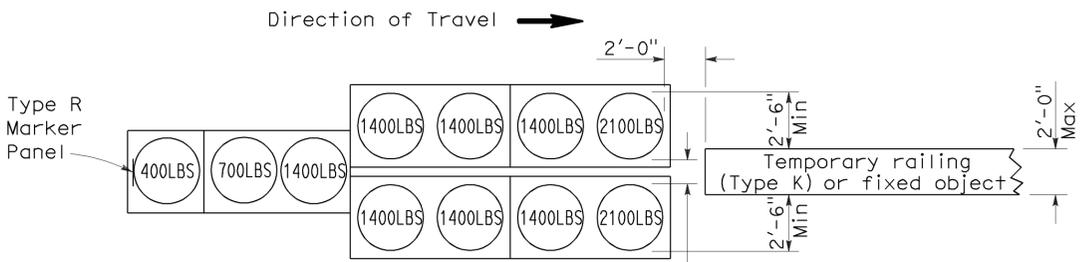
**ARRAY 'TU14'**

Approach speed 45 mph or more



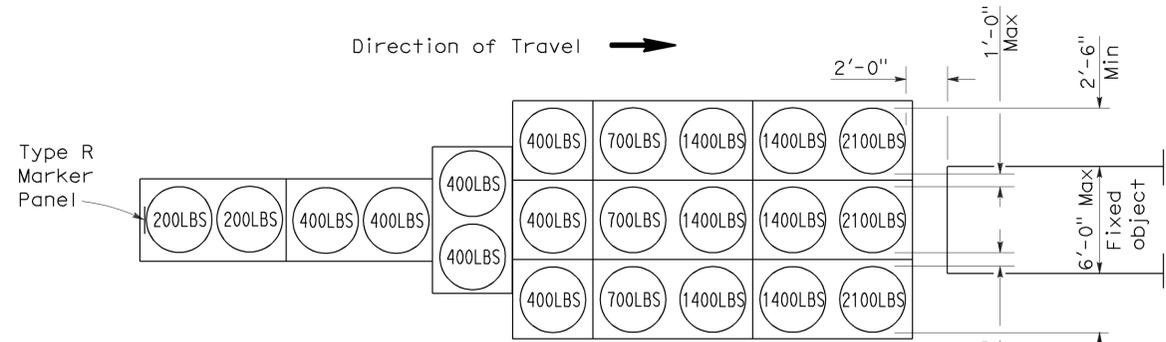
**ARRAY 'TU17'**

Approach speed less than 45 mph



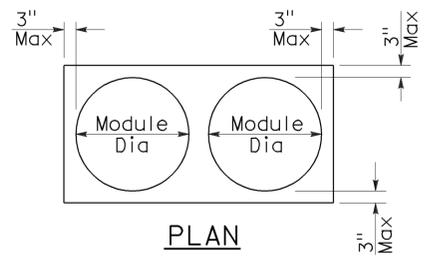
**ARRAY 'TU11'**

Approach speed less than 45 mph

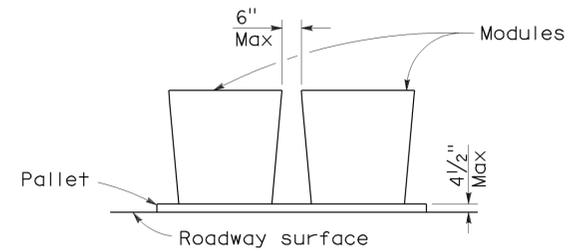


**ARRAY 'TU21'**

Approach speed 45 mph or more



**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

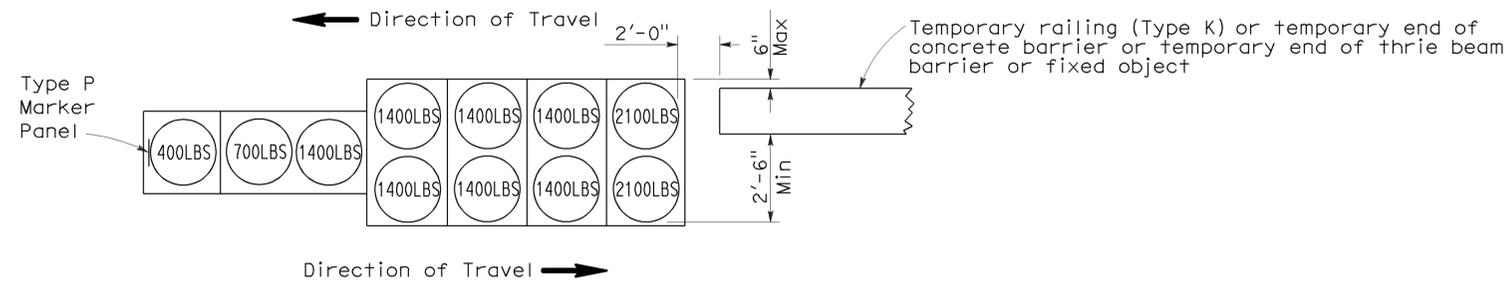
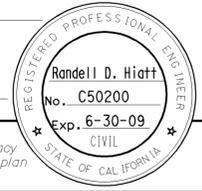
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Soi	80	30.6/38.2	15	16

Randell D. Hiatt  
REGISTERED CIVIL ENGINEER

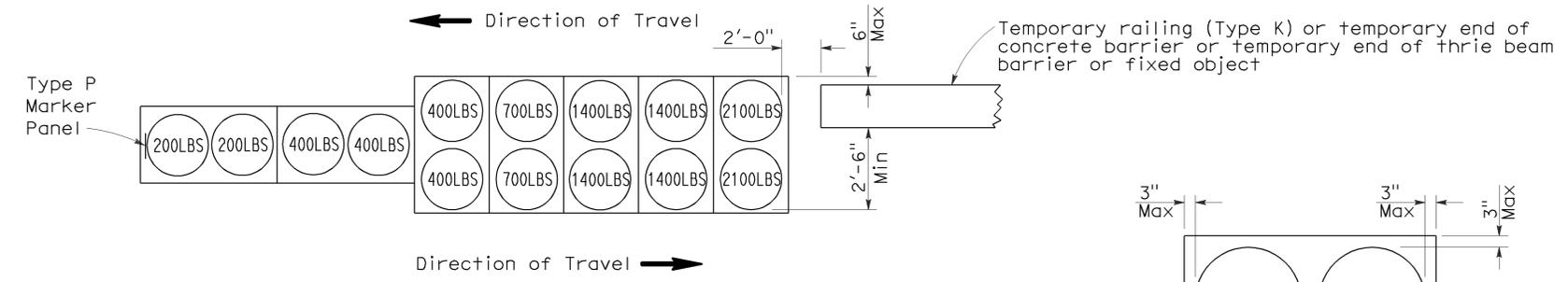
June 6, 2008  
PLANS APPROVAL DATE

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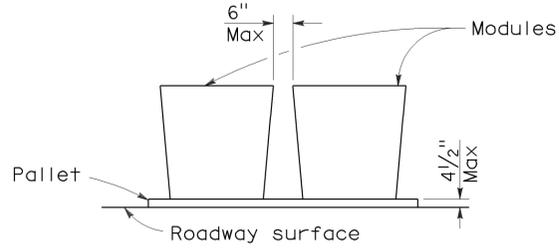
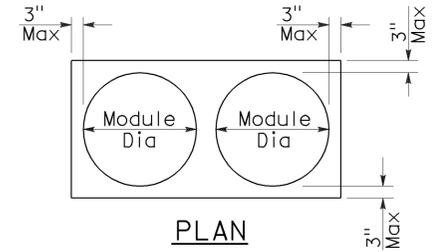
To accompany plans dated 8-2-10



**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**

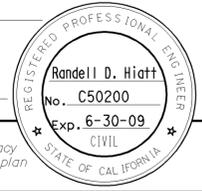
2006 REVISED STANDARD PLAN RSP T1B

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Soi	80	30.6/38.2	16	16

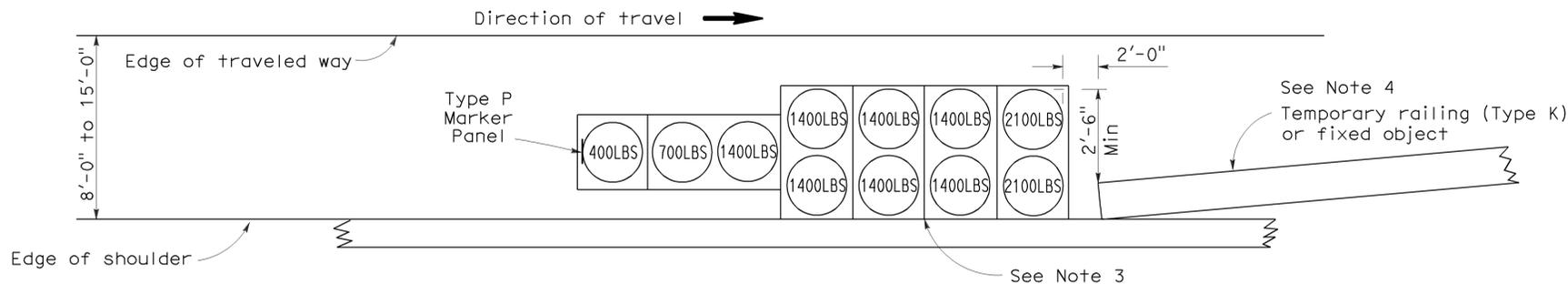
*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

June 6, 2008  
PLANS APPROVAL DATE

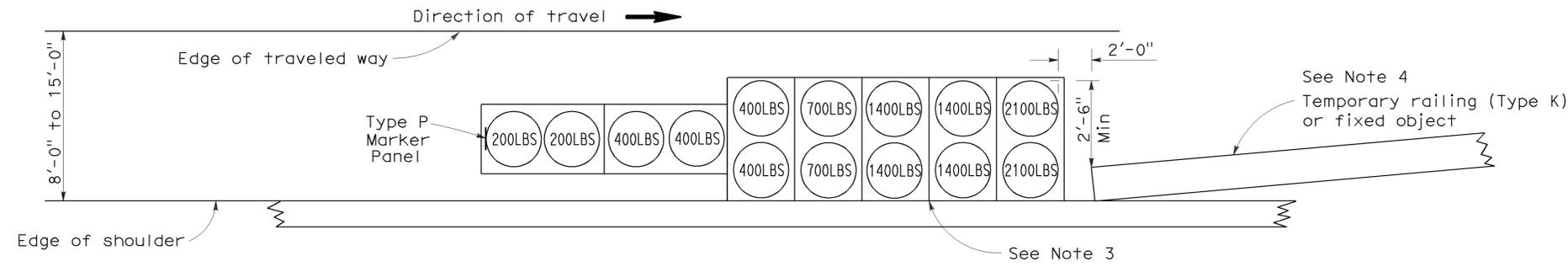
*The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.*



To accompany plans dated 8-2-10



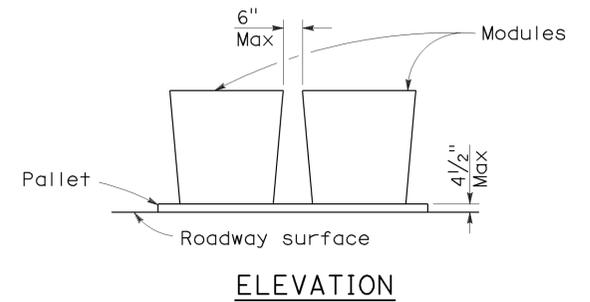
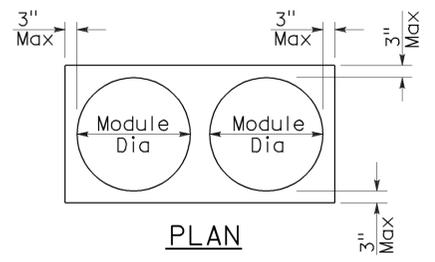
**ARRAY 'TS11'**  
Approach speed less than 45 mph  
See Note 9



**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.



**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