

INDEX OF PLANS

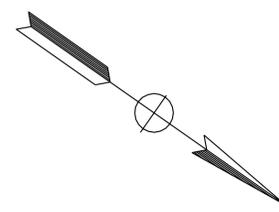
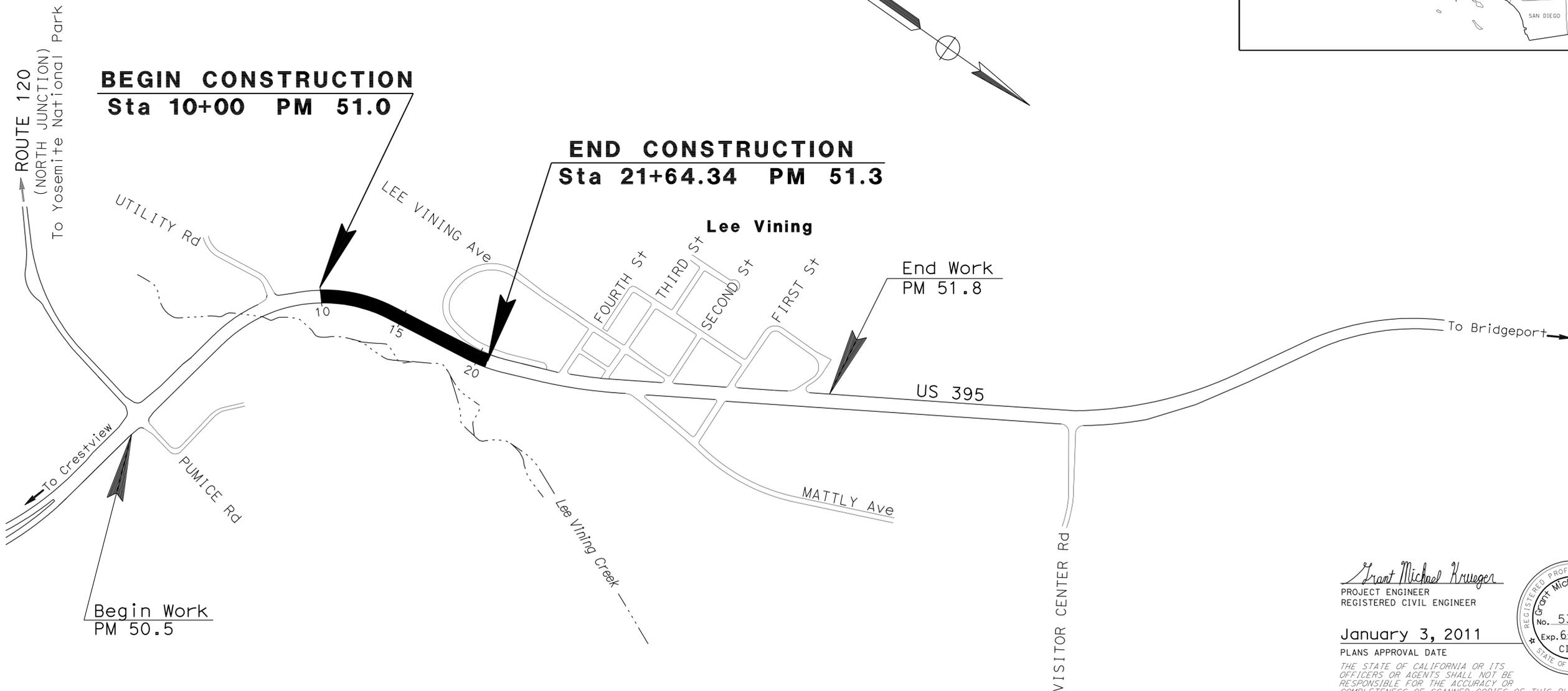
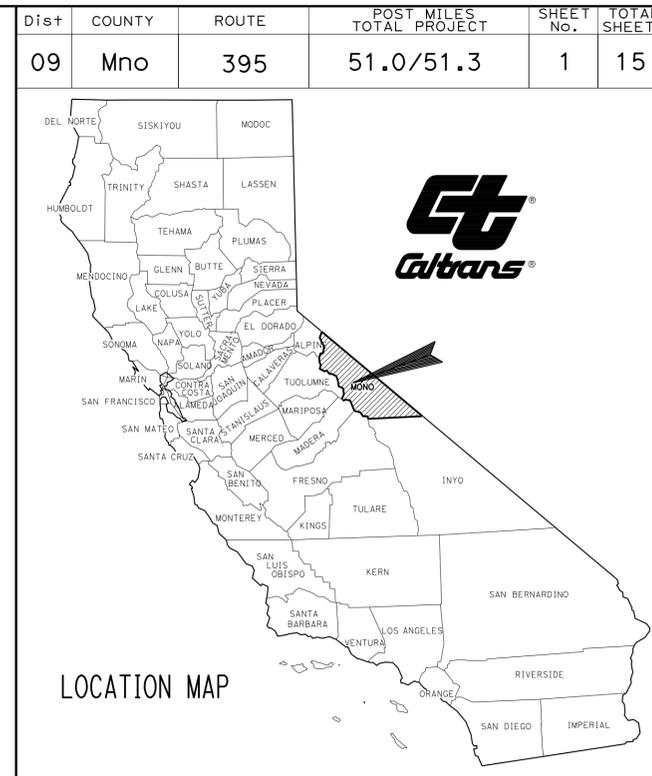
SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	TYPICAL CROSS SECTIONS
3	LAYOUTS
4	CONSTRUCTION DETAILS
5	CONSTRUCTION AREA SIGNS
6	SUMMARY OF QUANTITIES
7-15	REVISED AND NEW STANDARD PLANS

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

STATE OF CALIFORNIA **ACHSNHG-P395(235)E**  
**DEPARTMENT OF TRANSPORTATION**

**PROJECT PLANS FOR CONSTRUCTION ON STATE HIGHWAY**  
**IN MONO COUNTY**  
**AT LEE VINING**  
**FROM UTILITY ROAD TO LEE VINING AVENUE**

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006



PROJECT MANAGER  
**TRUMAN DENIO**

DESIGN ENGINEER  
**GRANT KRUEGER**

*Grant Michael Krueger*  
 PROJECT ENGINEER  
 REGISTERED CIVIL ENGINEER



January 3, 2011  
 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

CONTRACT No.	<b>09-346604</b>
PROJECT ID	<b>090000215</b>

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	395	51.0/51.3	2	15

<i>Grant Michael Krueger</i>		12-06-10
REGISTERED CIVIL ENGINEER	DATE	
1-3-11		
PLANS APPROVAL DATE		

REGISTERED PROFESSIONAL ENGINEER	No. 53379
Exp. 6-30-11	
CIVIL	

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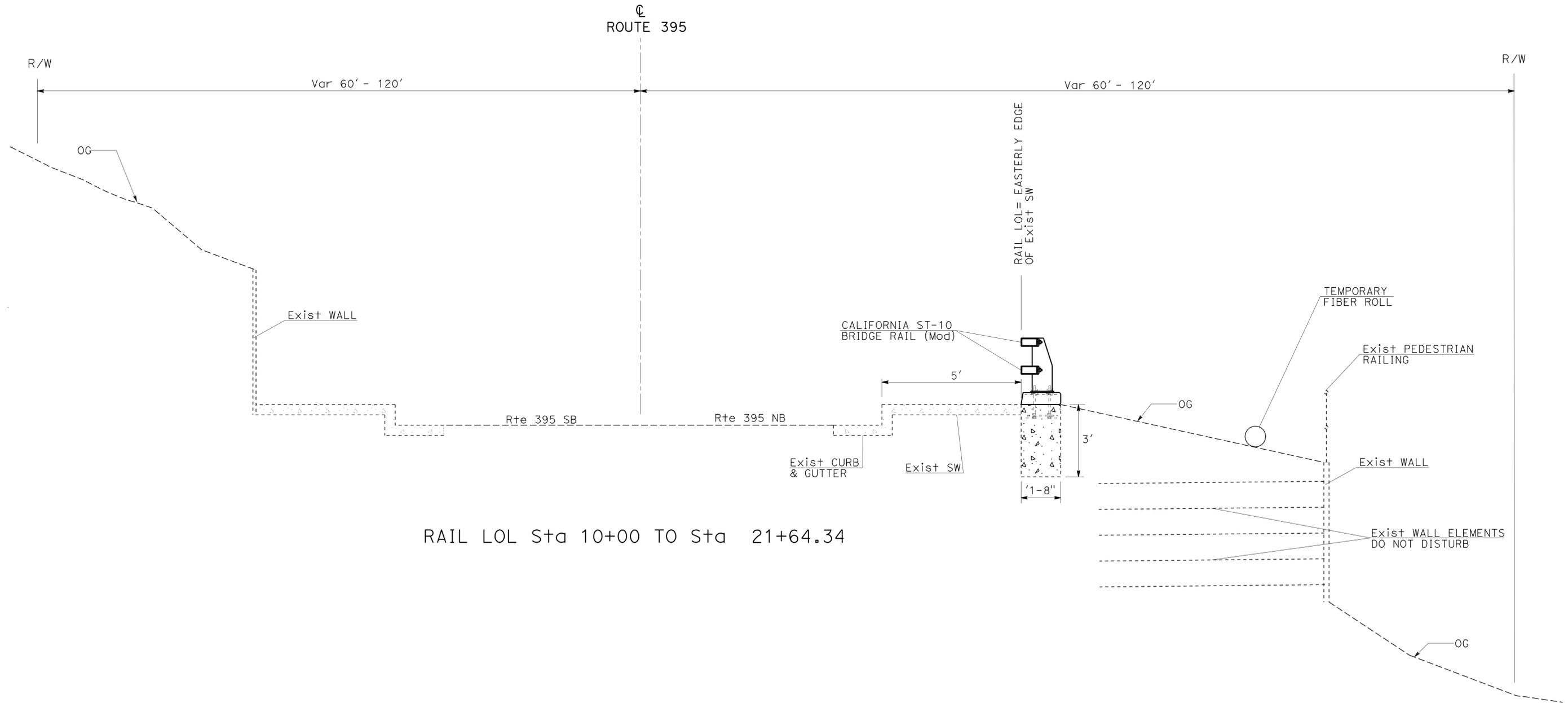
**NOTES:**

1. DIMENSIONS OF THE PAVEMENT STRUCTURE (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.

**DESIGN DESIGNATION**

AADT (2011) = 4620	D = 58.6%
AADT (2031) = 5000	T = 11.9%
DHV (2011) = 730	V = 50 MPH
DHV (2031) = 810	TI (2031) = 10.5

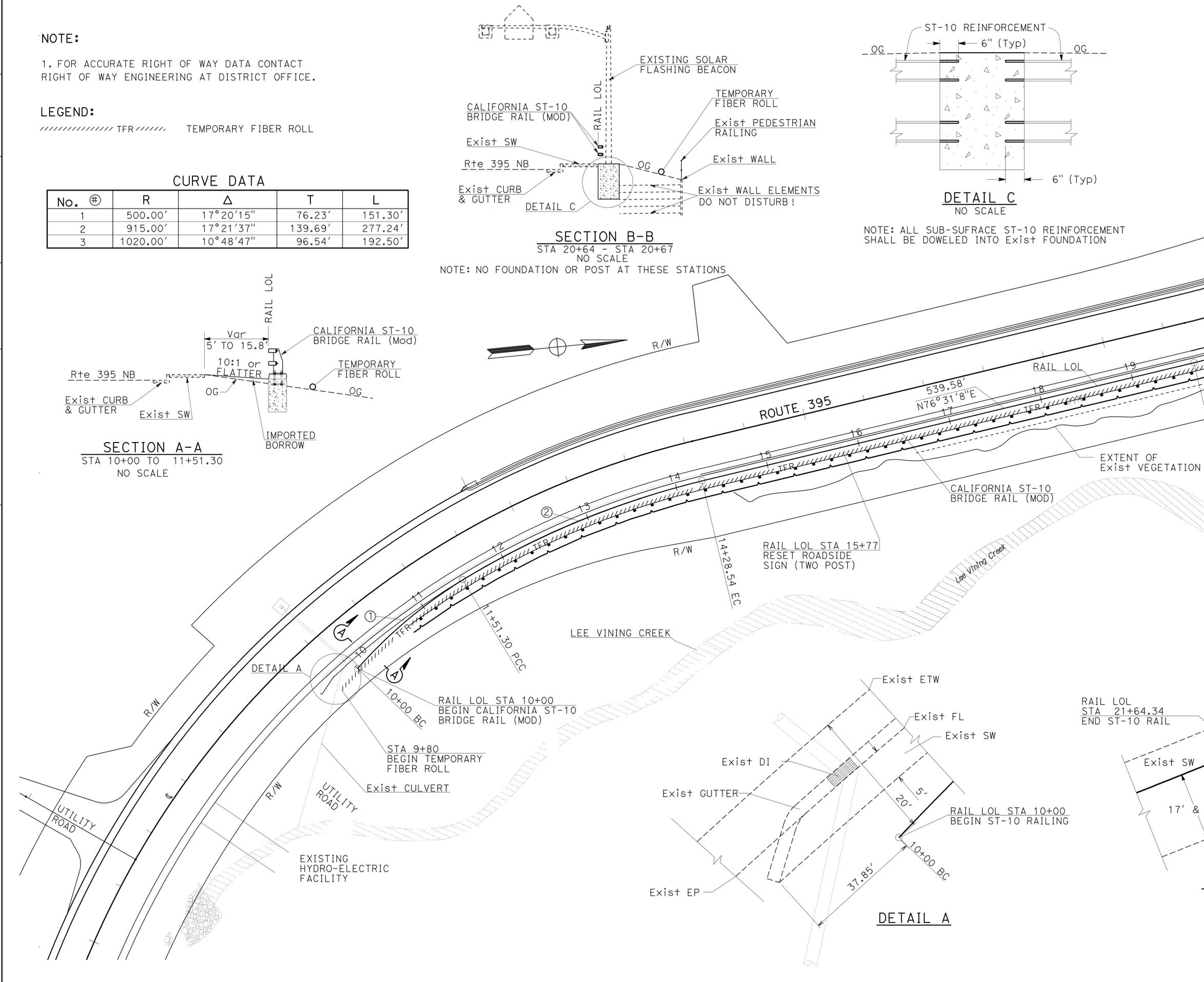
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** PROJECT COORDINATION  
 FUNCTIONAL SUPERVISOR: TRUMAN DENIO  
 CALCULATED/DESIGNED BY: GRANT KRUEGER  
 CHECKED BY: TRUMAN DENIO  
 REVISED BY: GRANT KRUEGER  
 DATE REVISED: TRUMAN DENIO



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



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** PROJECT COORDINATION



Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	395	51.0/51.3	3	15

Grant Michael Krueger 12-06-10  
 REGISTERED CIVIL ENGINEER DATE  
 1-3-11  
 PLANS APPROVAL DATE  
 No. 53379  
 Exp. 6-30-11  
 CIVIL  
 STATE OF CALIFORNIA

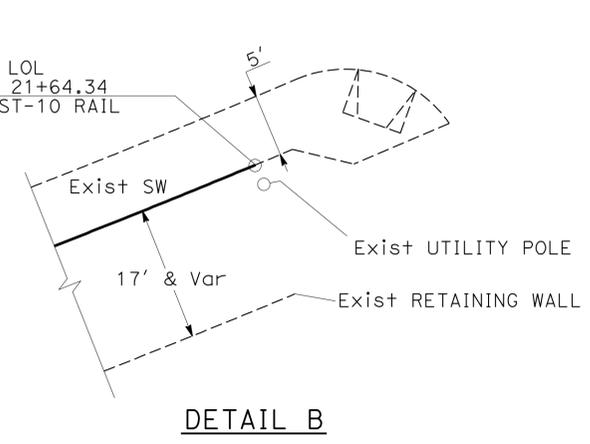
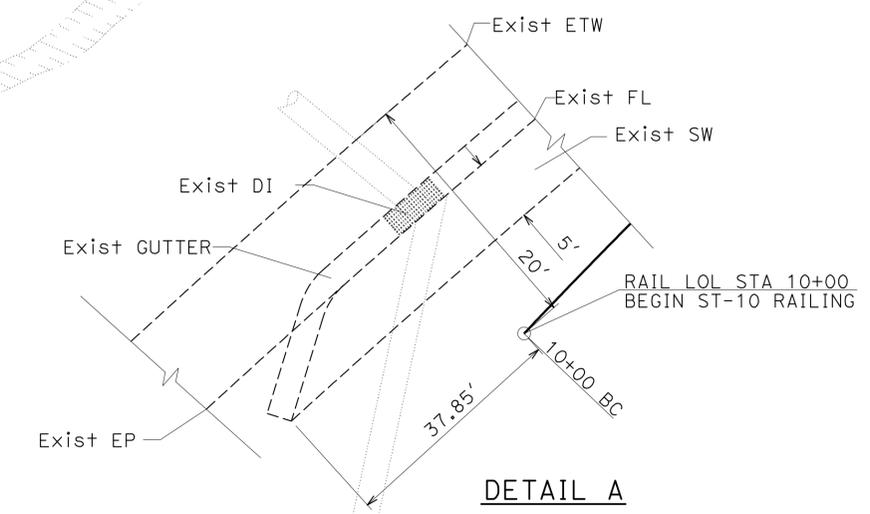
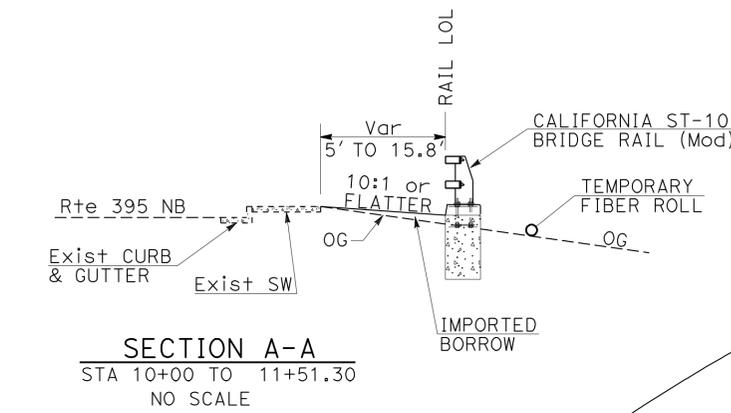
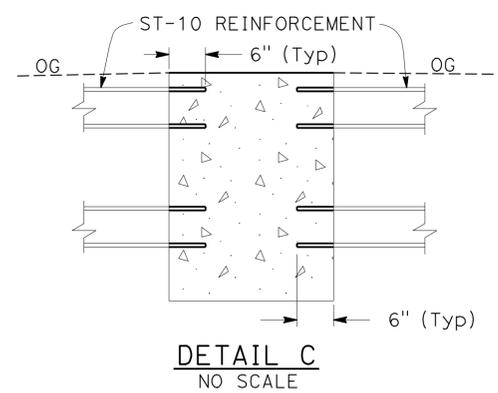
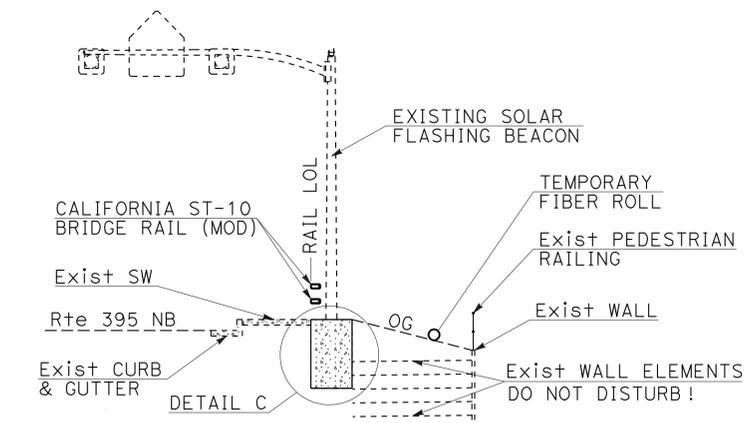
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

**NOTE:**  
 1. FOR ACCURATE RIGHT OF WAY DATA CONTACT RIGHT OF WAY ENGINEERING AT DISTRICT OFFICE.

**LEGEND:**  
 TFR TEMPORARY FIBER ROLL

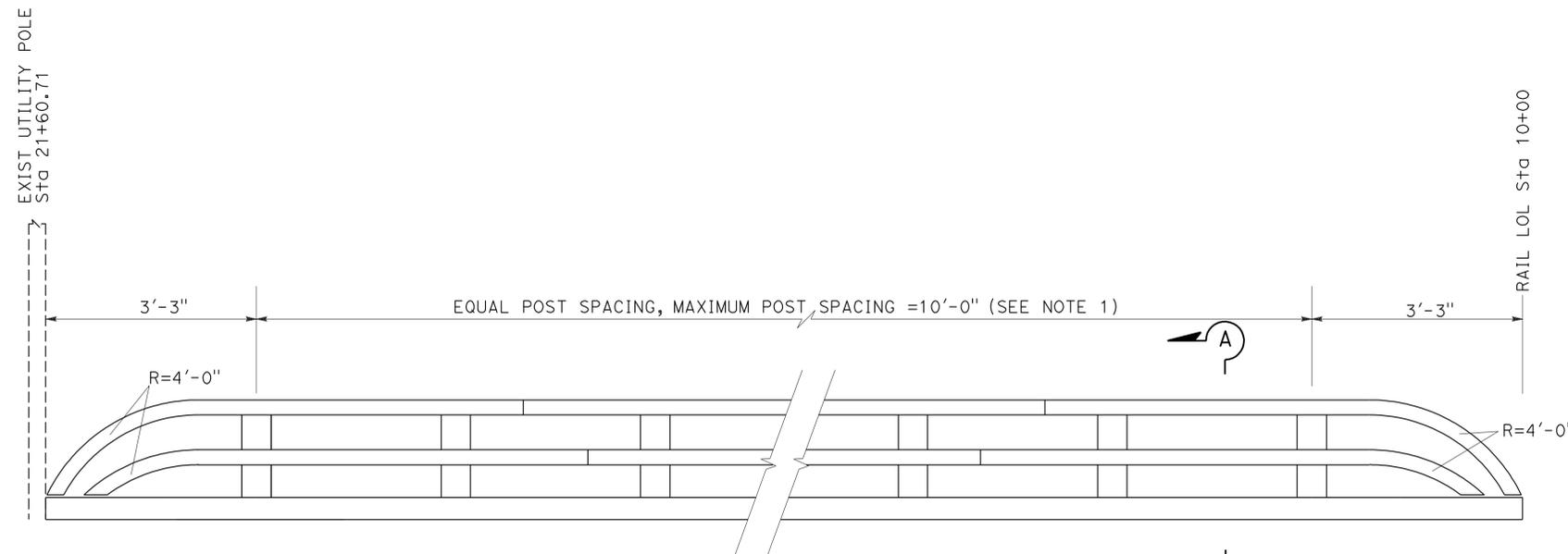
**CURVE DATA**

No.	⊕	R	Δ	T	L
1		500.00'	17°20'15"	76.23'	151.30'
2		915.00'	17°21'37"	139.69'	277.24'
3		1020.00'	10°48'47"	96.54'	192.50'

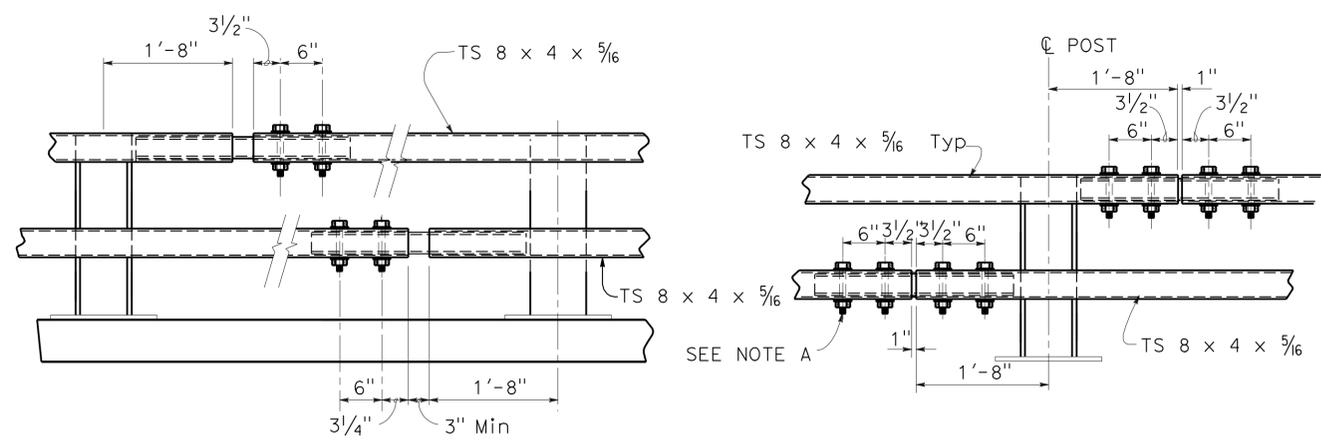


**LAYOUT**  
 SCALE: 1" = 50' **L-1**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	395	51.0/51.3	4	15
<i>Grant Michael Krueger</i> REGISTERED CIVIL ENGINEER			12-06-10 DATE		
1-3-11 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>					



RAILING ELEVATION



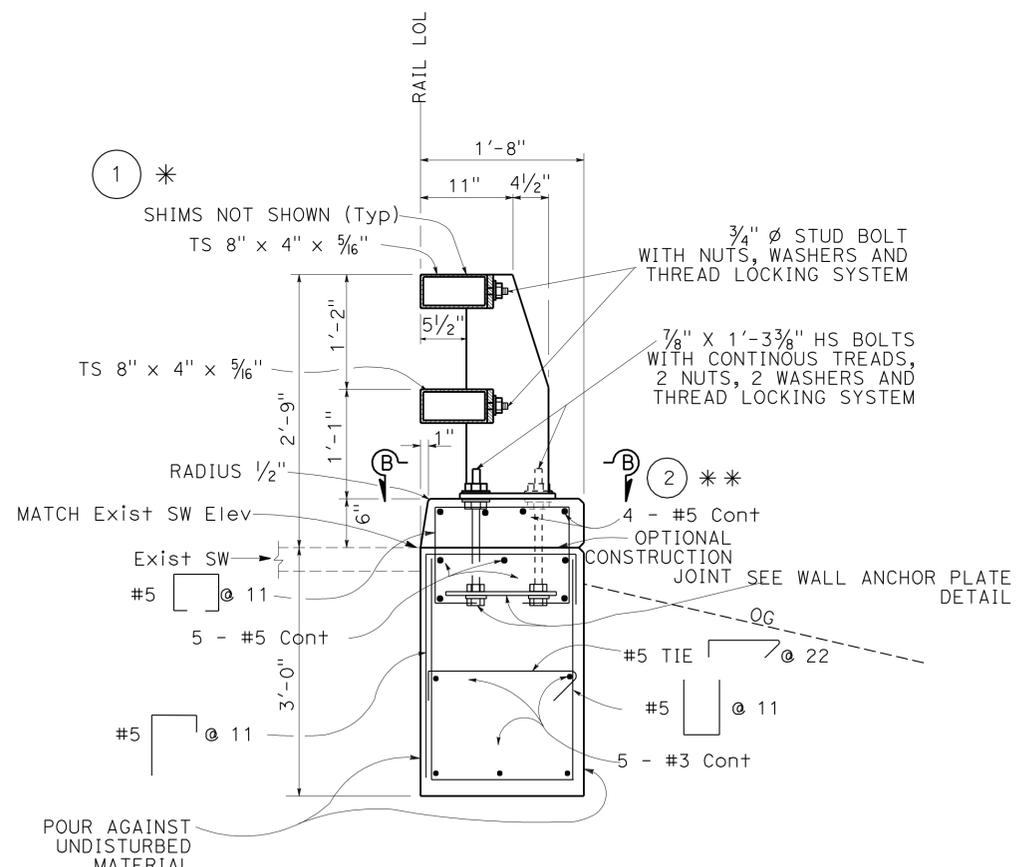
EXPANSION SPLICE

STANDARD SPLICE

NOTE A:  
 USE 3/4" Ø X 5 5/16"  
 HS BOLTS WITH WASHERS, FULLY TENSIONED.  
 1" HOLES IN RAIL Typ

NOTES:

- 1 - POST SPACING TO BE ADJUSTED TO FIT LENGTH OF ST-10 RAIL
- 2 - ALL REINFORCING STEEL SHALL BE EPOXY COATED
- 3 - FOR DETAILS NOT SHOWN, SEE STD PLANS B11-68, B11-69 & B11-70
- 4 - STD PLAN B11-69, GENERAL NOTE 4 IS AMENDED TO READ:  
 'TUBING SHALL BE SHOP BENT OR FABRICATED TO FIT THE HORIZONTAL CURVE WHEN RADIUS IS LESS THAN 2000 FEET.'



SECTION A-A

NOTES:

- \* (1) SEE STD PLANS B11-68 (STUD BOLT DETAIL)
- \*\* (2) SEE STD PLANS B11-68 FOR SECTION B-B

CALIFORNIA ST-10 BRIDGE RAIL (MODIFIED) DETAILS

CONSTRUCTION DETAILS  
 NO SCALE  
 C-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
 PROJECT COORDINATION  
 Grant Krueger  
 Truman Denito  
 TRUMAN DENITO  
 TRUMAN DENITO  
 TRUMAN DENITO

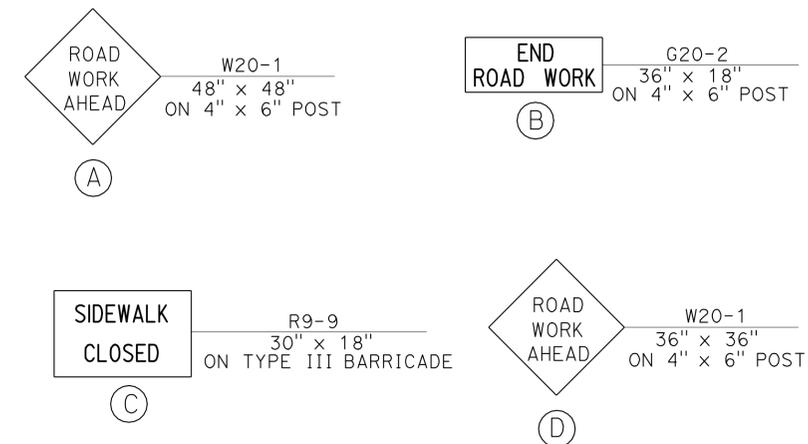
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	395	51.0/51.3	5	15
<i>Grant Michael Krueger</i> REGISTERED CIVIL ENGINEER DATE 12-06-10					
1-3-11 PLANS APPROVAL DATE					
<small>THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.</small>					

**NOTES:**

1. LOCATIONS OF CONSTRUCTION AREA SIGNS SHOWN ARE APPROXIMATE.
2. EXACT LOCATION AND POSITION OF CONSTRUCTION AREA SIGNS TO BE DETERMINED BY THE ENGINEER.

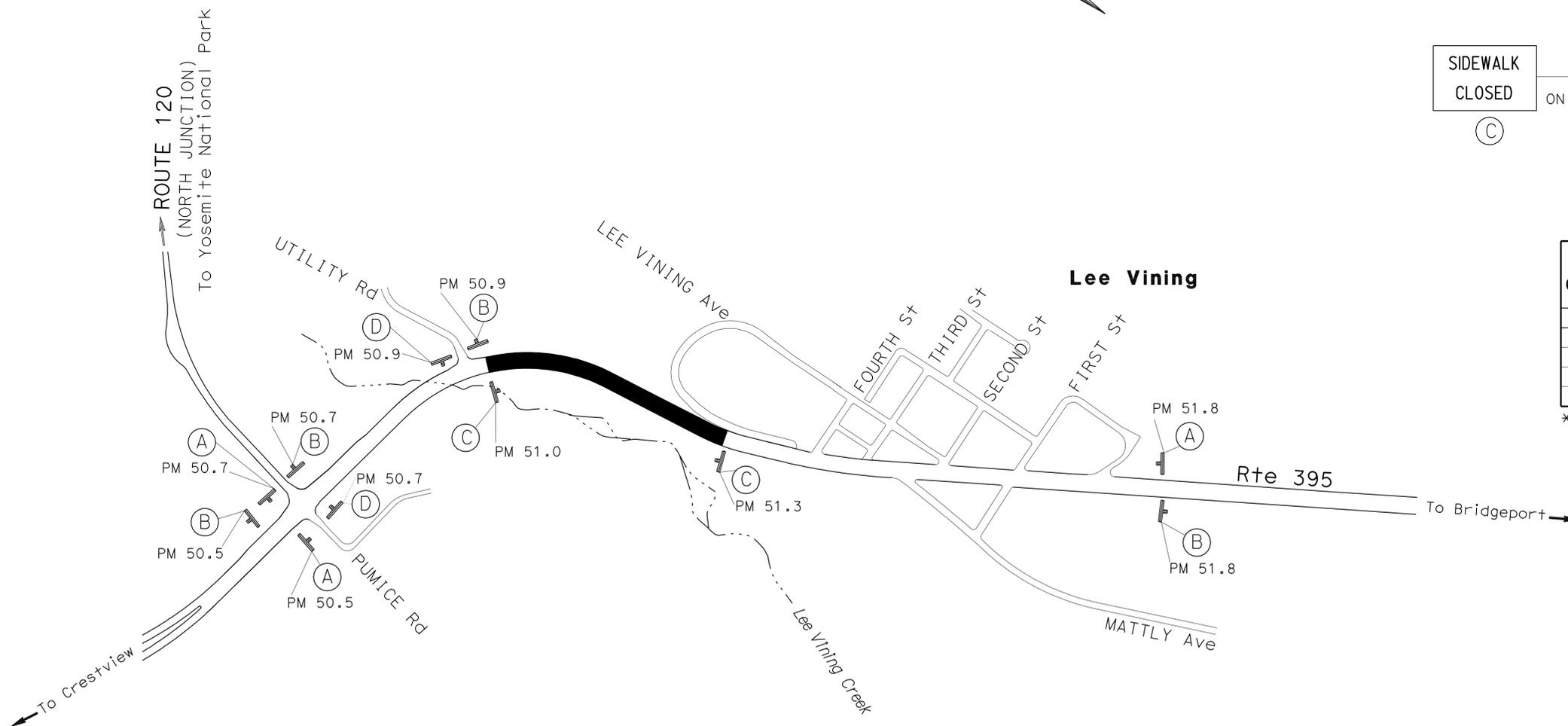
**LEGEND:**

- CONSTRUCTION AREA SIGNS



STATIONARY MOUNTED CONSTRUCTION AREA SIGNS	
TYPE	No. OF SIGNS
(A) W20-1	3
(B) G20-2	4
(C) R9-9 *	2
(D) W20-1	2

\*NOTE: R9-9 SIGN TO BE MOUNTED ON A TYPE III BARRICADE



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** PROJECT COORDINATION  
 FUNCTIONAL SUPERVISOR TRUMAN DENIO  
 CALCULATED/DESIGNED BY  
 CHECKED BY  
 GRANT KRUEGER  
 TRUMAN DENIO  
 REVISED BY  
 DATE REVISED

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.

**CONSTRUCTION AREA SIGNS  
NO SCALE  
CS-1**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans** PROJECT COORDINATION  
 FUNCTIONAL SUPERVISOR TRUMAN DENIO  
 CALCULATED-DESIGNED BY CHECKED BY  
 Grant Krueger Truman Denio  
 REVISED BY DATE REVISED  
 Grant Krueger Truman Denio

**NOTE:**

1. STATIONS SHOWN ARE APPROXIMATE. EXACT LOCATION AND POSITION OF ALL DELINEATORS SHALL BE DETERMINED BY THE ENGINEER.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
09	Mno	395	51.0/51.3	6	15

Grant Michael Krueger 12-06-10  
 REGISTERED CIVIL ENGINEER DATE  
 1-3-11  
 PLANS APPROVAL DATE  
 No. 53379  
 Exp. 6-30-11  
 CIVIL  
 THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

CALIFORNIA ST-10 BRIDGE RAIL (Mod)							
Sta TO Sta	CURVED RAIL			TANGENT RAIL	EXCAVATION (N)	BAR REINFORCING STEEL (EPOXY COATED) (N)	CONCRETE (N)
	R=500.00'	R=915'	R=1020'				
	* LF	* LF	# LF				
10+00.00 - 11+51.30	151.30				28.1	1,890	28.1
11+51.30 - 14+28.54		277.24			51.4	3,463	51.4
14+28.54 - 19+68.22				539.68	100.1	6,742	100.1
19+68.22 - 21+60.71			192.50		35.7	2,405	35.7
<b>TOTAL</b>		<b>1160.72</b>			<b>215.3</b>	<b>14,500</b>	<b>215.3</b>

\* TRAFFIC SIDE OF RAIL IS ON OUTSIDE OF CURVE  
 # TRAFFIC SIDE OF RAIL IS ON INSIDE OF CURVE

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

TEMPORARY FIBER ROLL	
LOCATION	LF
Sta 9+80 - 22+00	1,220
<b>TOTAL</b>	<b>1,220</b>

TEMPORARY DRAINAGE INLET PROTECTION	
	EA
TEMPORARY DRAINAGE INLET PROTECTION	2
<b>TOTAL</b>	<b>2</b>

RESET ROADSIDE SIGN	
LOCATION	(TWO POST)
	EA
Sta 15+82	1
<b>TOTAL</b>	<b>1</b>

REMOVE DELINEATOR		
Sta	R+	EA
14+07	X	1
15+35	X	1
16+89	X	1
18+33	X	1
19+65	X	1
20+56	X	1
<b>SUB-TOTALS</b>		<b>6</b>
<b>TOTAL</b>		<b>6</b>

IMPORTED BORROW	
LOCATION	CY
Sta 10+00.00 - 11+51.04	13.0
<b>TOTAL</b>	<b>13.0</b>

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

LAST REVISION DATE PLOTTED => 06-JAN-2011 12-09-10 TIME PLOTTED => 10:33

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Mno	395	51.0/51.3	7	15

*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

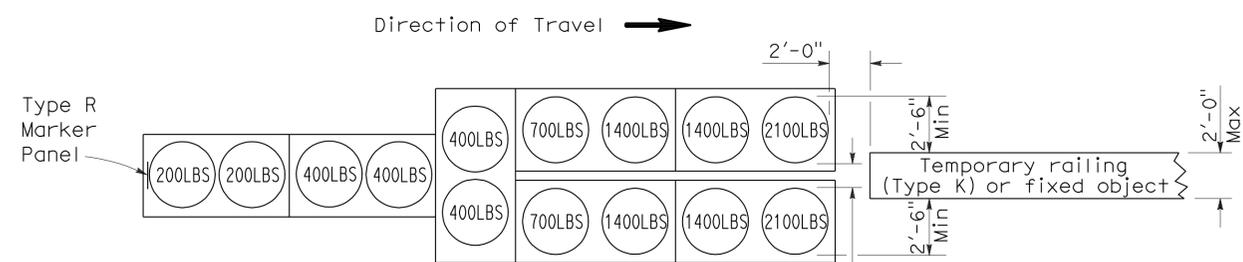
June 6, 2008  
PLANS APPROVAL DATE

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

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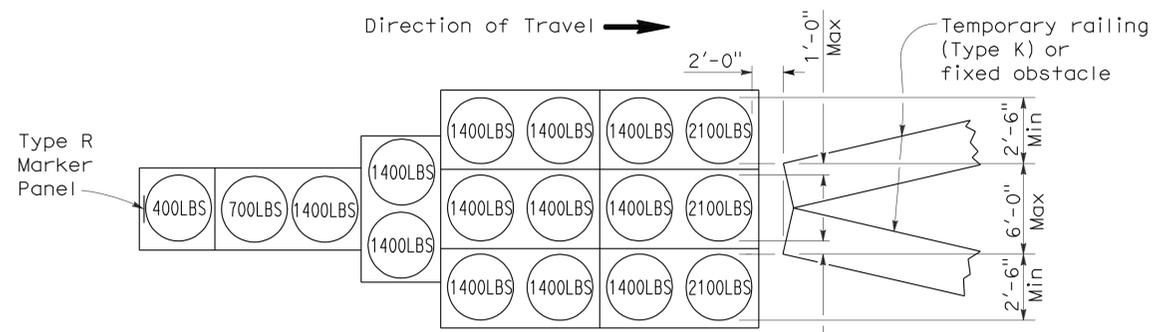
To accompany plans dated 1-3-11

2006 REVISED STANDARD PLAN RSP T1A



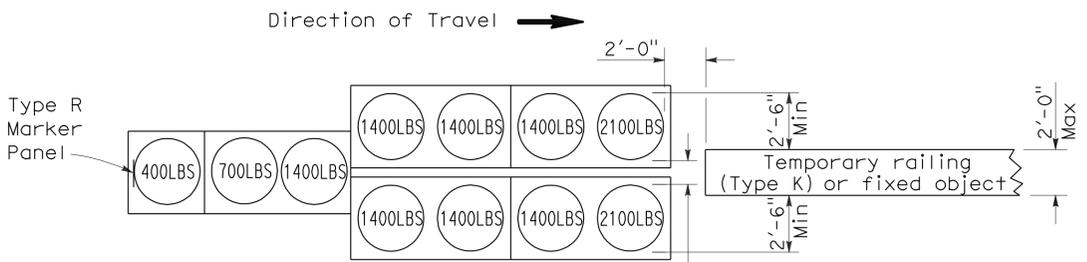
**ARRAY 'TU14'**

Approach speed 45 mph or more



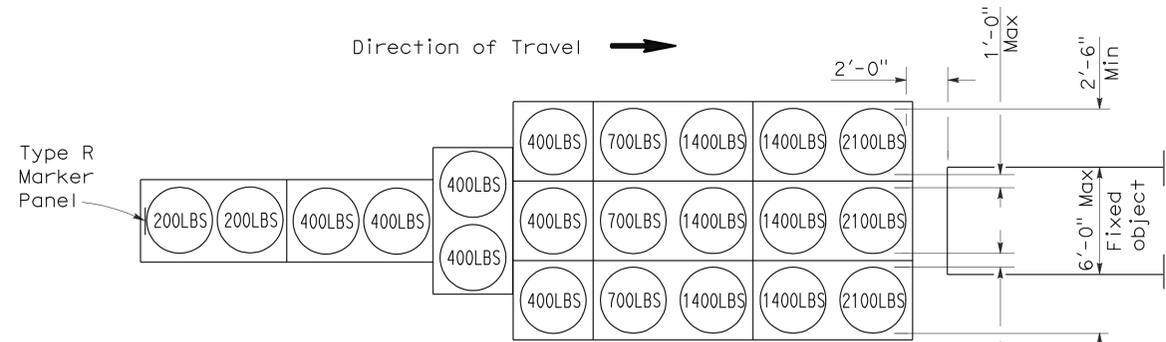
**ARRAY 'TU17'**

Approach speed less than 45 mph



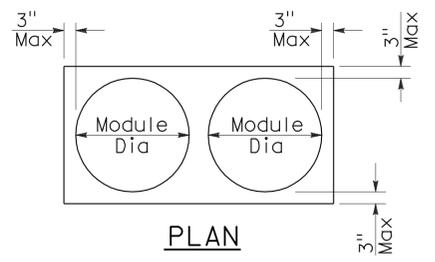
**ARRAY 'TU11'**

Approach speed less than 45 mph

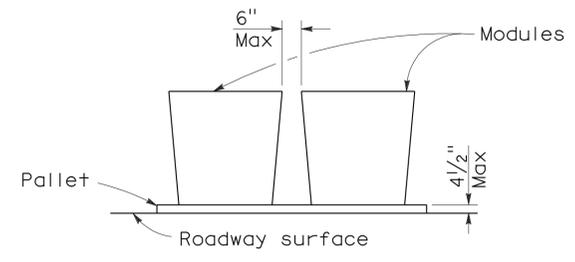


**ARRAY 'TU21'**

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**

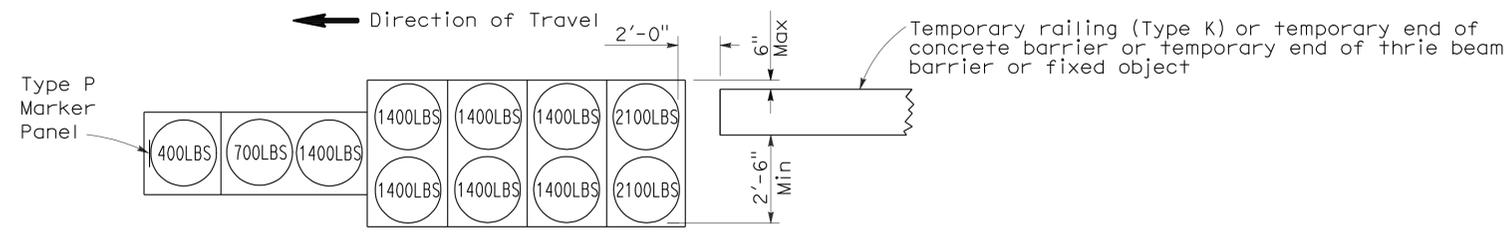
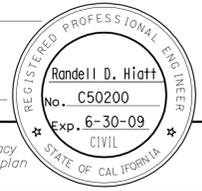
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Mno	395	51.0/51.3	8	15

*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

June 6, 2008  
PLANS APPROVAL DATE

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To accompany plans dated 1-3-11

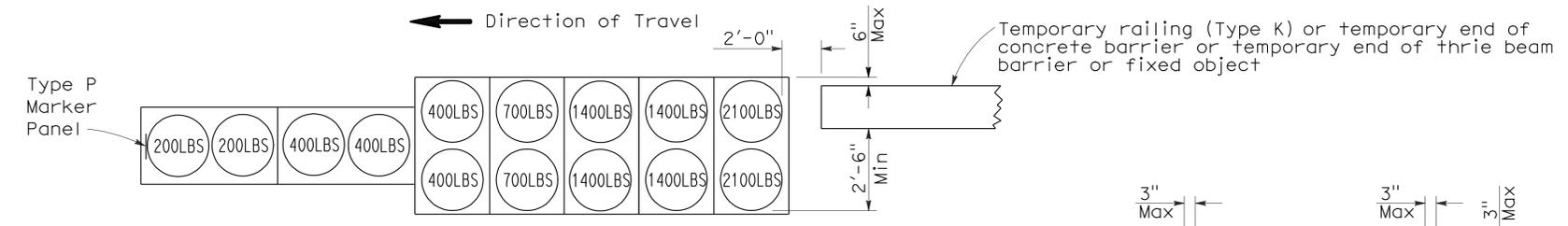


Direction of Travel ←

Direction of Travel →

**ARRAY 'TB11'**

Approach speed less than 45 mph

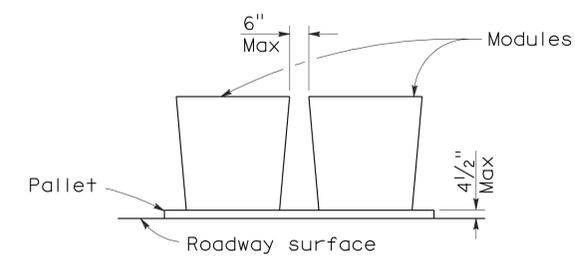
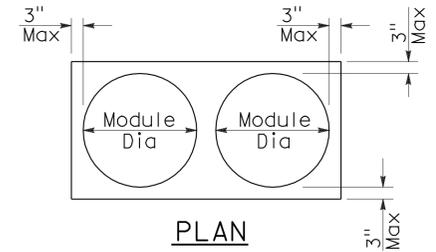


Direction of Travel ←

Direction of Travel →

**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

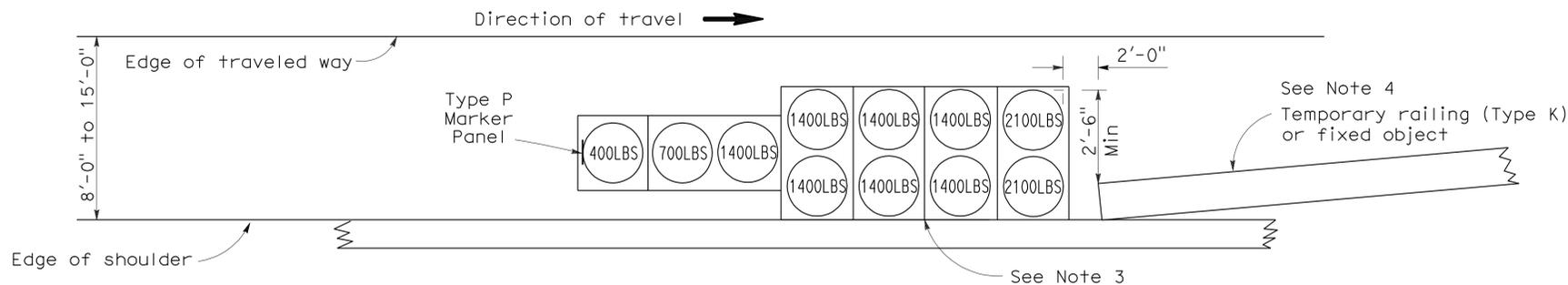
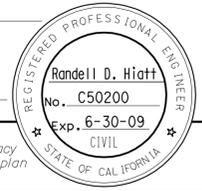
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Mno	395	51.0/51.3	9	15

*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

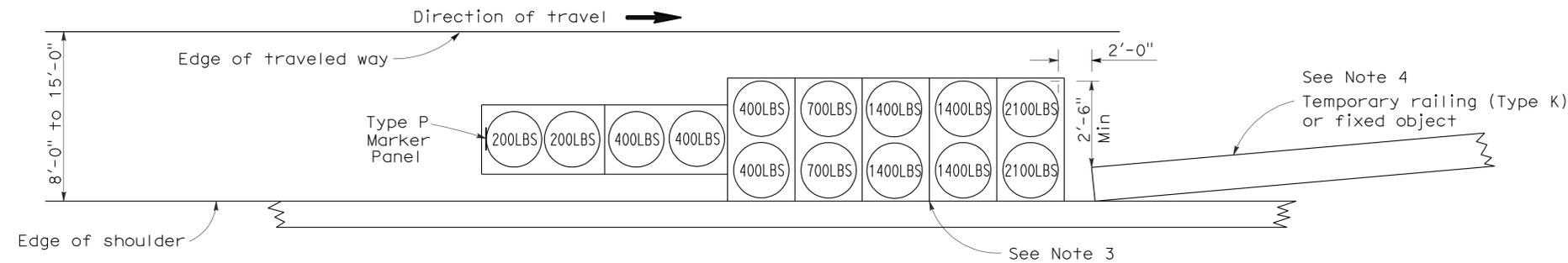
June 6, 2008  
PLANS APPROVAL DATE

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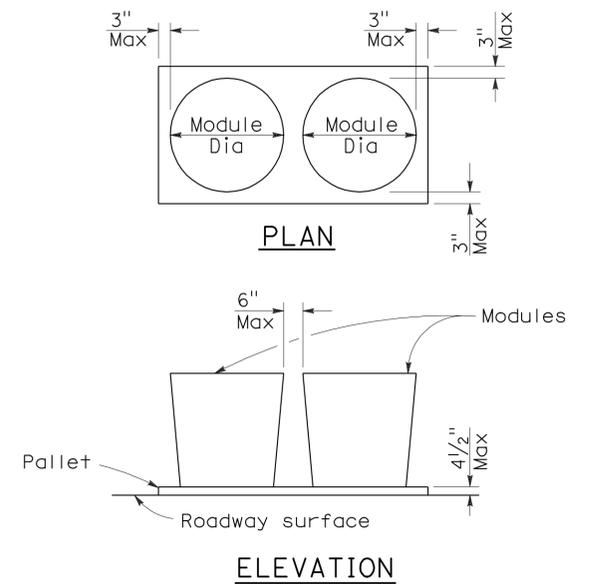
To accompany plans dated 1-3-11



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



**ARRAY 'TS14'**  
Approach speed 45 mph or more  
See Note 9



**CRASH CUSHION PALLET DETAIL**  
See Note 11

**NOTES:**

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. The temporary crash cushion arrays shown on this plan shall be used only in locations where there will be traffic on one side of the temporary crash cushion array.
4. If the fixed object or approach end of the temporary railing is less than 15'-0" from the edge of traveled way, a temporary crash cushion is required in a construction or work zone.
5. Temporary crash cushion arrays shall not encroach on the traveled way.
6. Arrays for median shoulders shall conform to details shown on this plan for outside shoulders.
7. Place the Type P marker panel so that the bottom of the panel rests upon the pallet and faces traffic.
8. Refer to Standard Plan A73B for marker details.
9. For shoulder widths less than 8'-0", appropriate approved crash cushion protection, other than sand filled modules, shall be provided at fixed objects and at approach ends of temporary railing. The specific type of crash cushion shall be as shown on the project plans or as specified in the Special Provisions, or if not shown on the project plans or specified in the Special Provisions, shall be as approved by the Engineer.
10. Approach speeds indicated conform to NCHRP 350 Report criteria.
11. Use of pallets is optional.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

**TEMPORARY CRASH CUSHION,  
SAND FILLED  
(SHOULDER INSTALLATIONS)**

NO SCALE  
RSP T2 DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T2  
DATED MAY 1, 2006 - PAGE 213 OF THE STANDARD PLANS BOOK DATED MAY 2006.

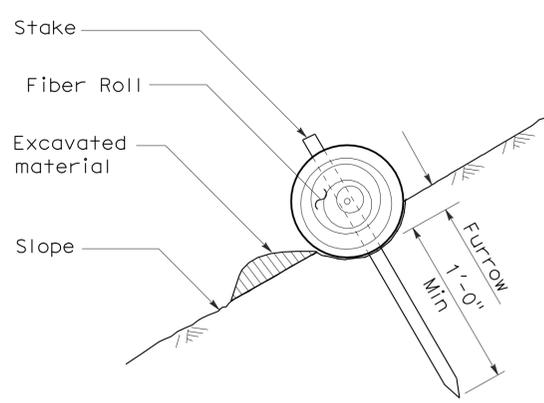
**REVISED STANDARD PLAN RSP T2**

2006 REVISED STANDARD PLAN RSP T2

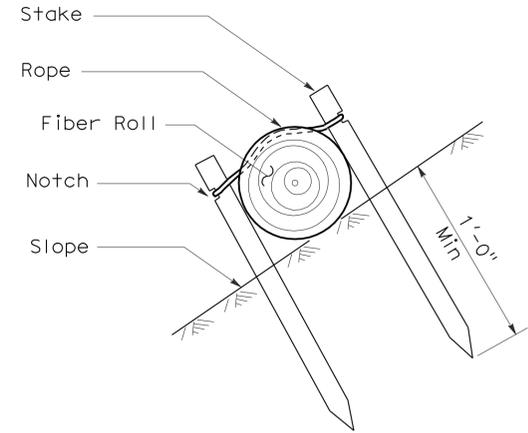
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Mno	395	51.0/51.3	10	15

*Robert B. Schott*  
 LICENSED LANDSCAPE ARCHITECT  
 April 3, 2009  
 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.

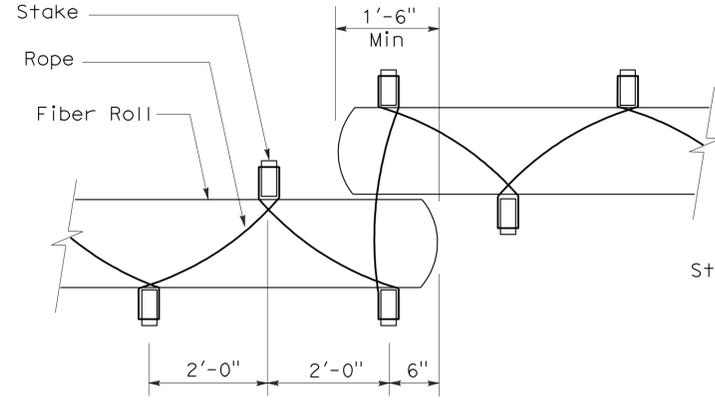
To accompany plans dated 1-3-11



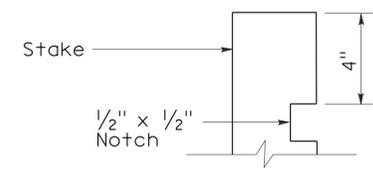
**SECTION**  
**TEMPORARY FIBER ROLL**  
**(TYPE 1)**



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

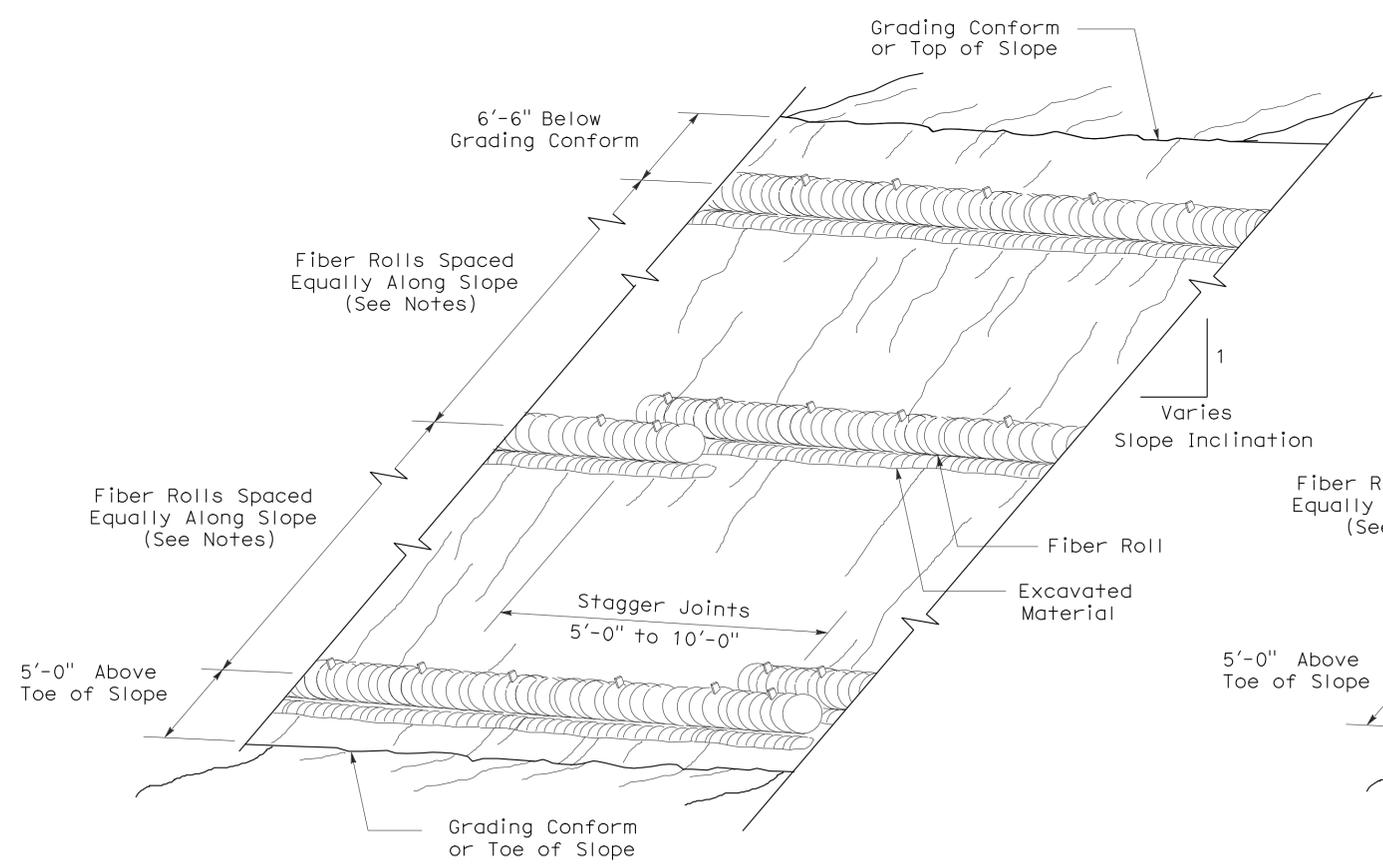


**PLAN**

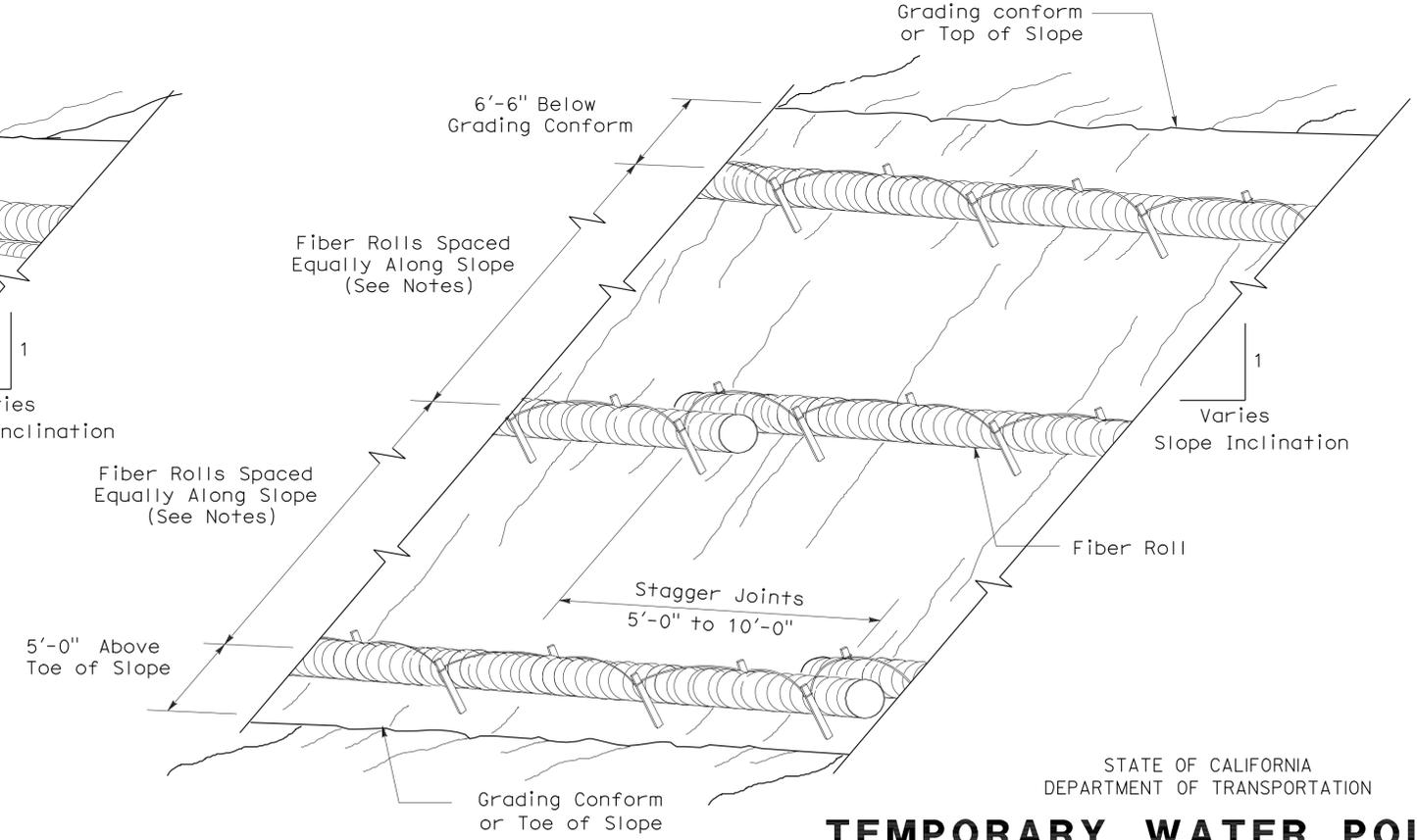


**ELEVATION**  
**STAKE NOTCH DETAIL**

- 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

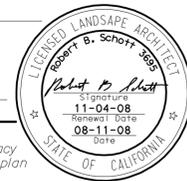
RSP T56 DATED APRIL 3, 2009 SUPERSEDES STANDARD PLAN T56  
 DATED MAY 1, 2006 - PAGE 232 OF THE STANDARD PLANS BOOK DATED MAY 2006.

**REVISED STANDARD PLAN RSP T56**

2006 REVISED STANDARD PLAN RSP T56

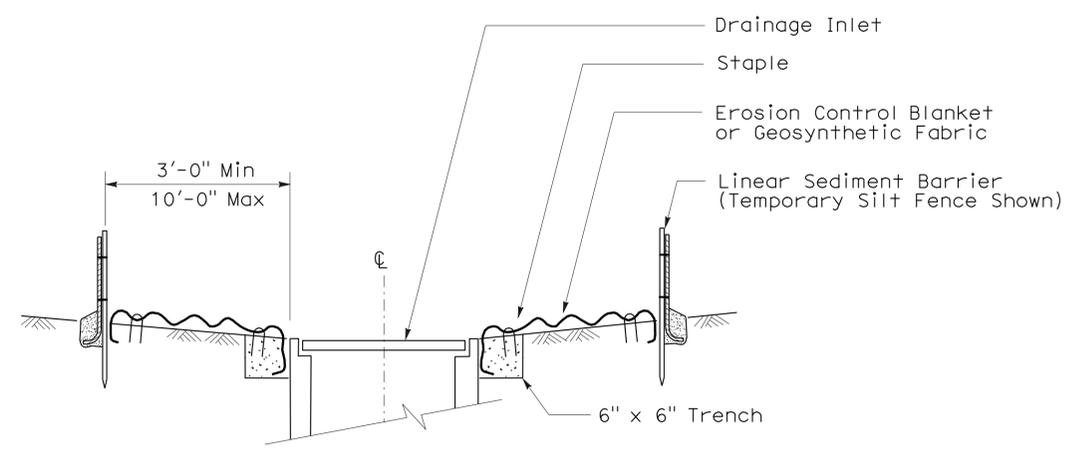
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Mno	395	51.0/51.3	11	15

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.

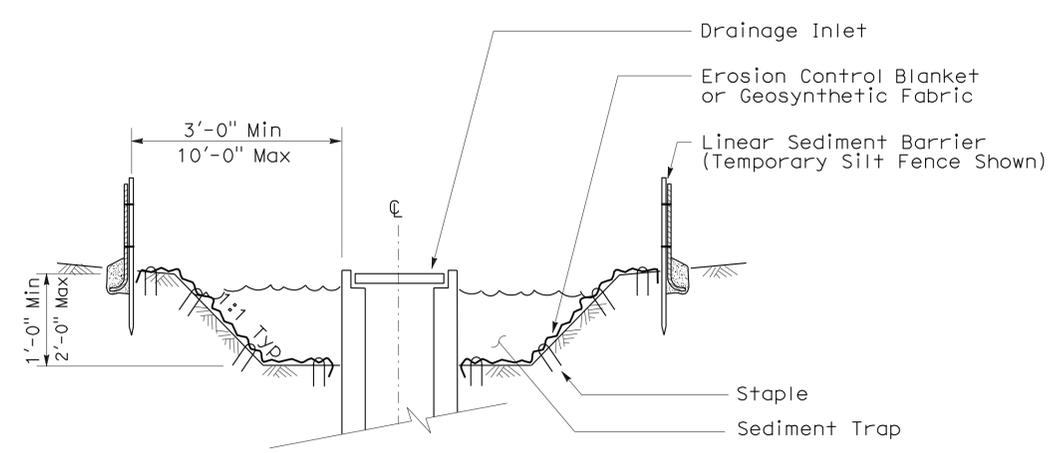


To accompany plans dated 1-3-11

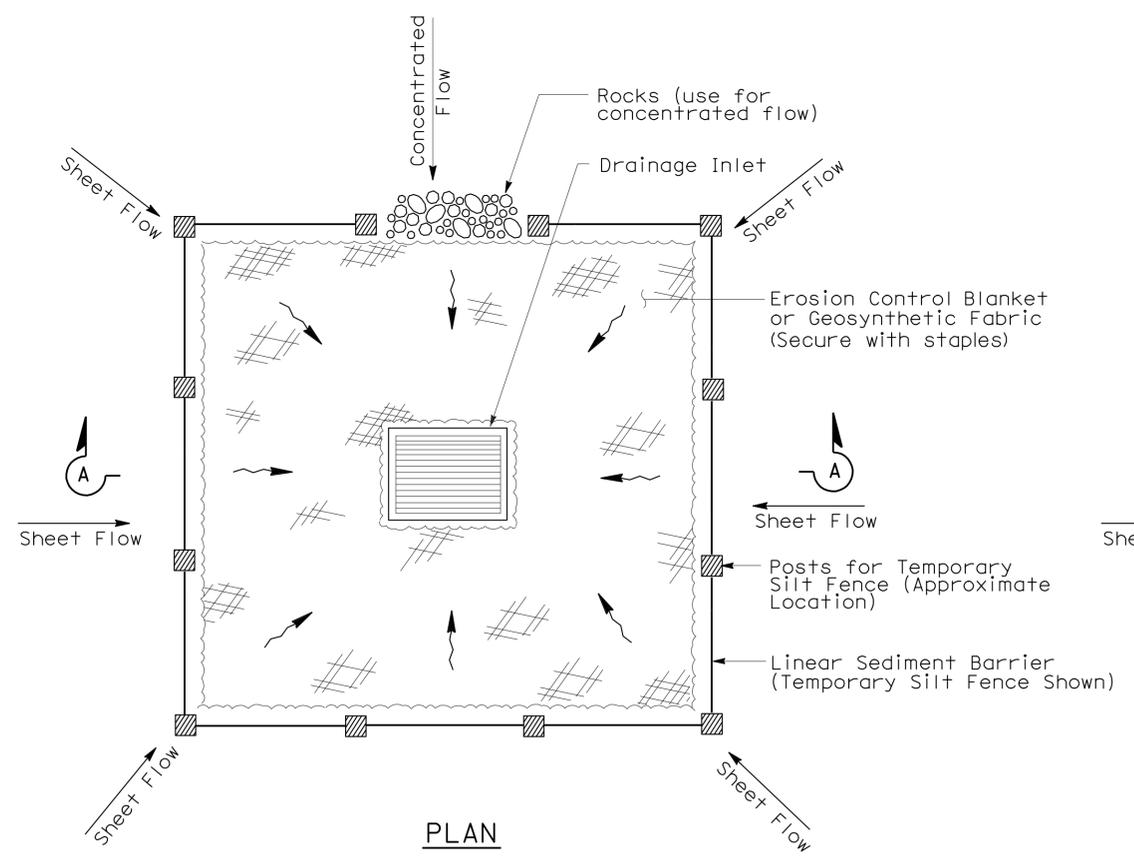
- NOTES:**
- See Standard Plan T51 for Temporary Silt Fence.
  - Dimensions may vary to fit field conditions.



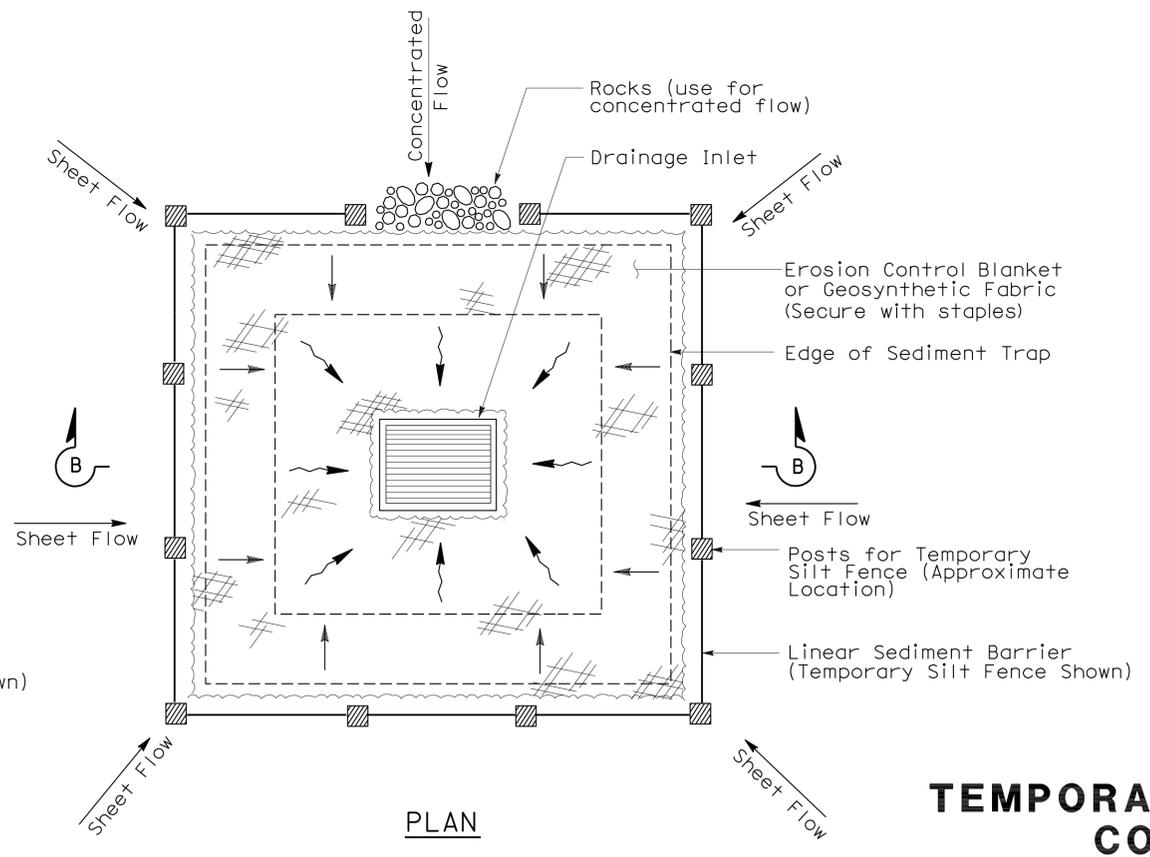
SECTION A-A



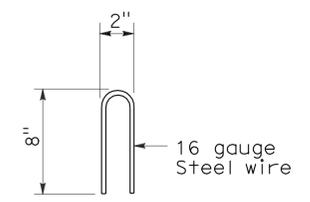
SECTION B-B



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

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Mno	395	51.0/51.3	12	15

*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 1-3-11

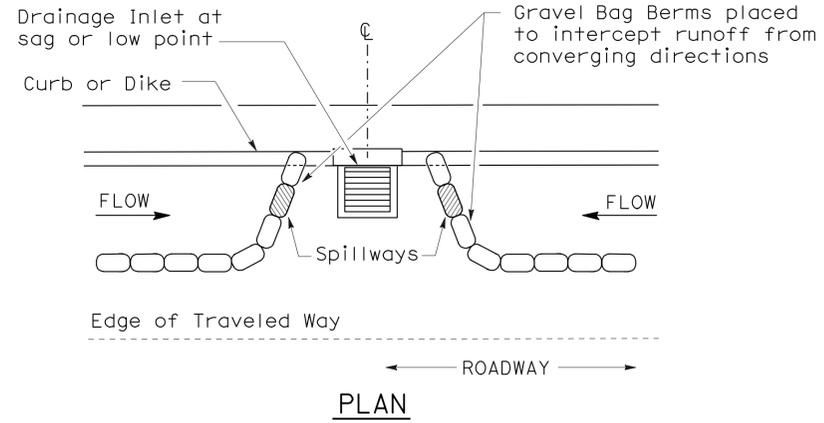
**NOTES:**

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.

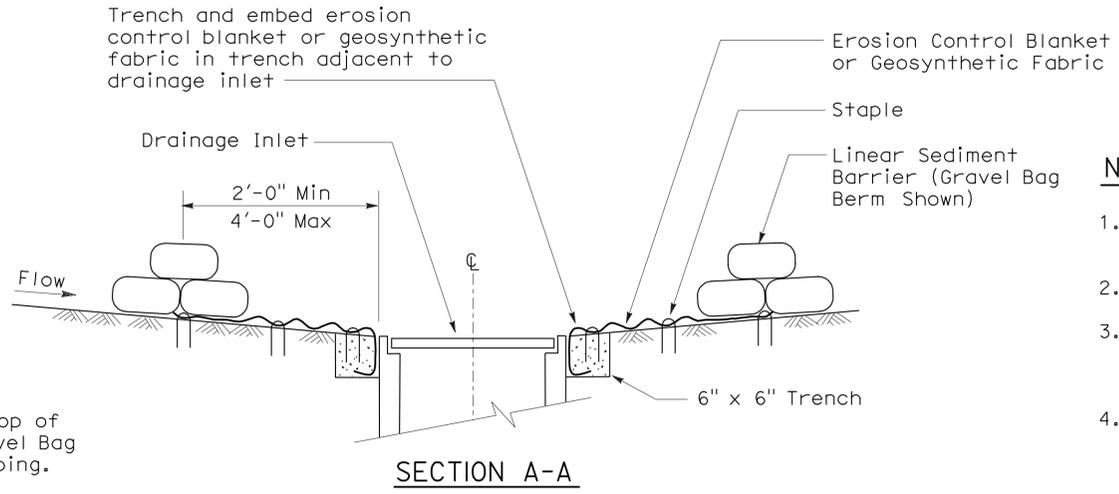
**GRAVEL BAG BERM (TYPE 3A) SPACING TABLE**

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'

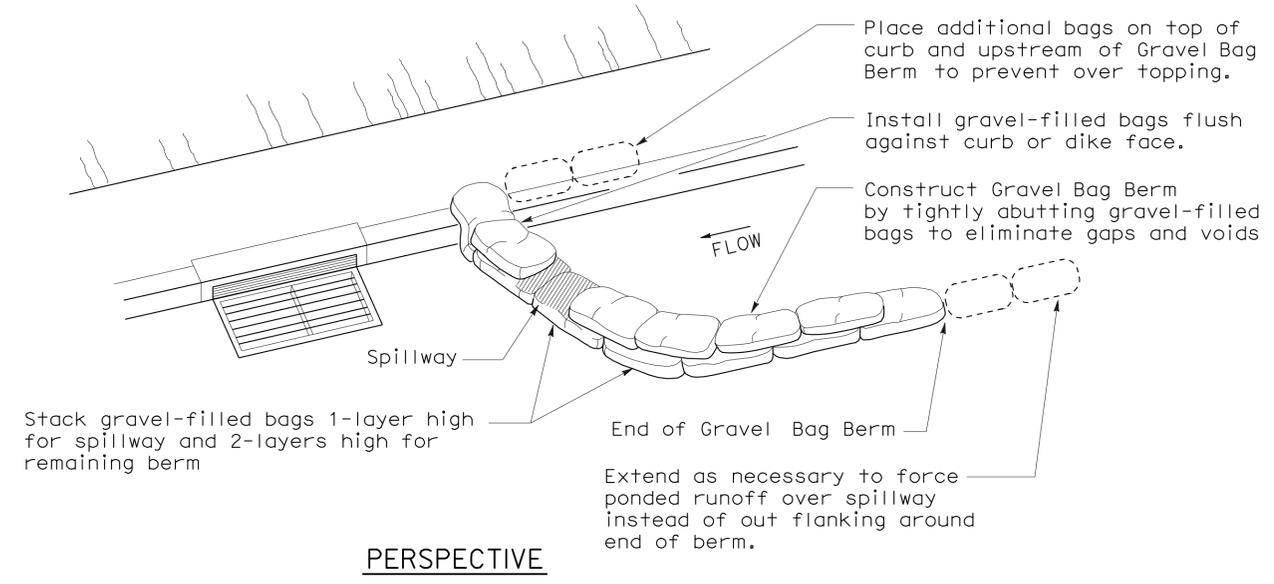
For slope of less than 1%, install barriers only if erosion/sediment is prevalent



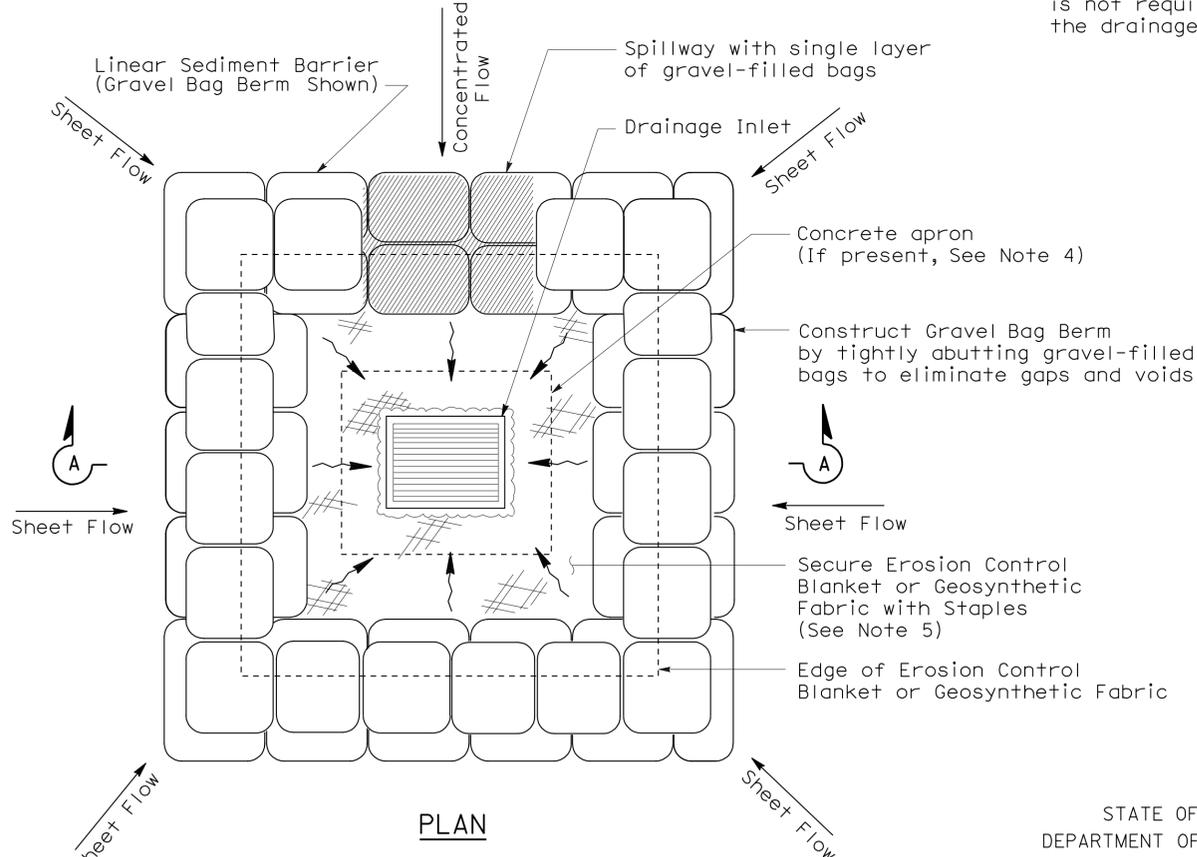
**PLAN  
CONFIGURATION FOR SAG POINT INLET  
(GRAVEL BAG BERM)**



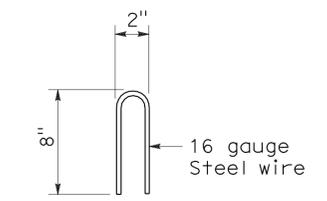
**SECTION A-A**



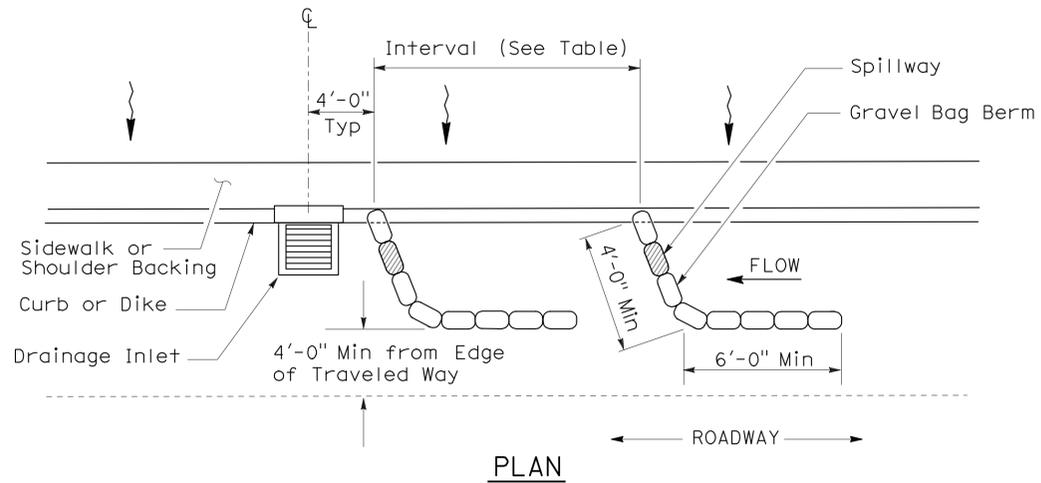
**PERSPECTIVE**



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



**STAPLE DETAIL**



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

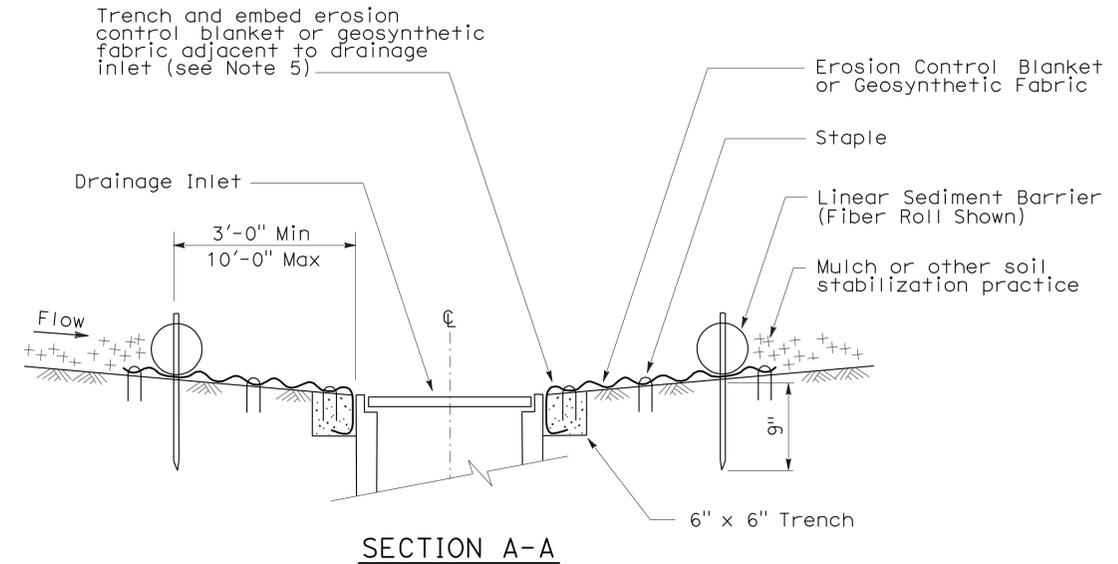
STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
**TEMPORARY WATER POLLUTION  
 CONTROL DETAILS  
 (TEMPORARY DRAINAGE  
 INLET PROTECTION)**

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

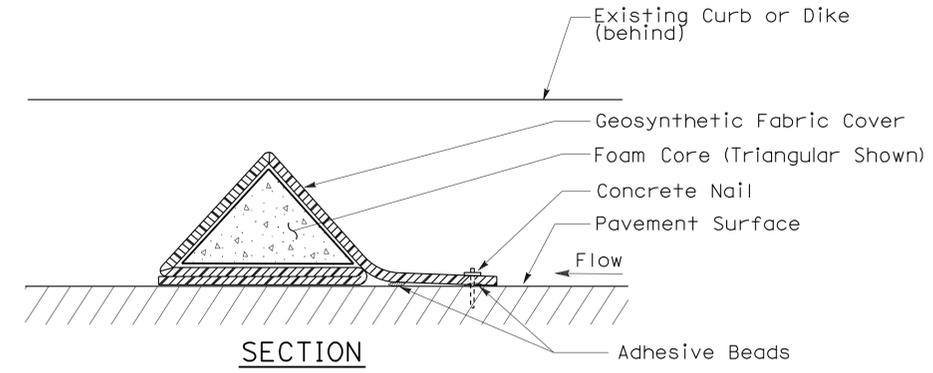
2006 NEW STANDARD PLAN NSP T62

**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'



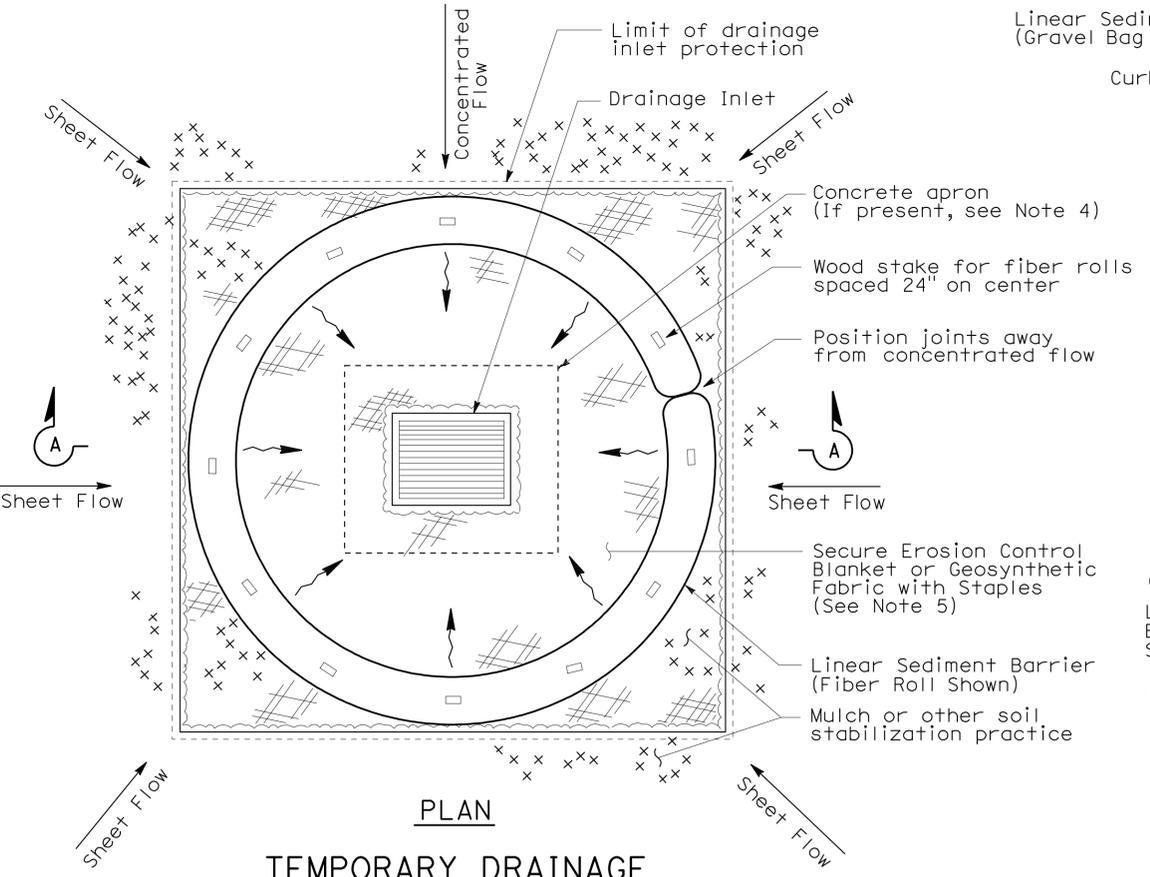
**SECTION A-A**



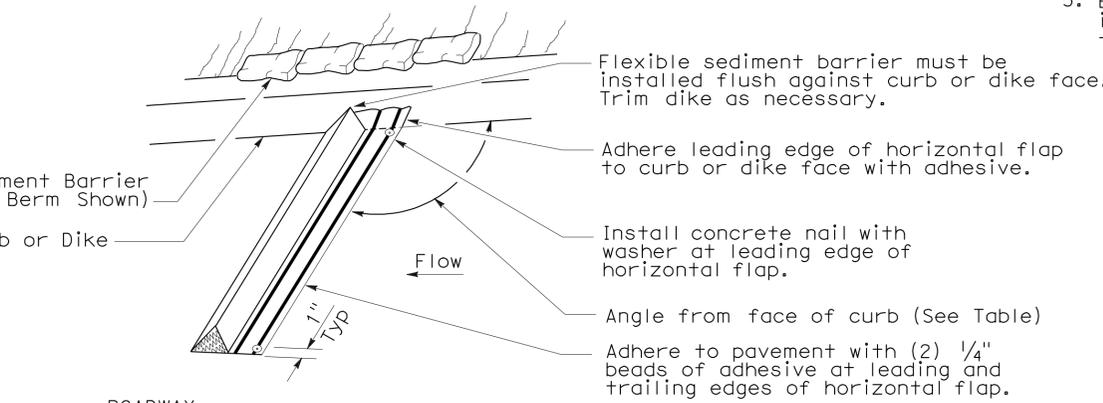
**FLEXIBLE SEDIMENT BARRIER DETAIL (FOAM BARRIER SHOWN)**

**NOTES:**

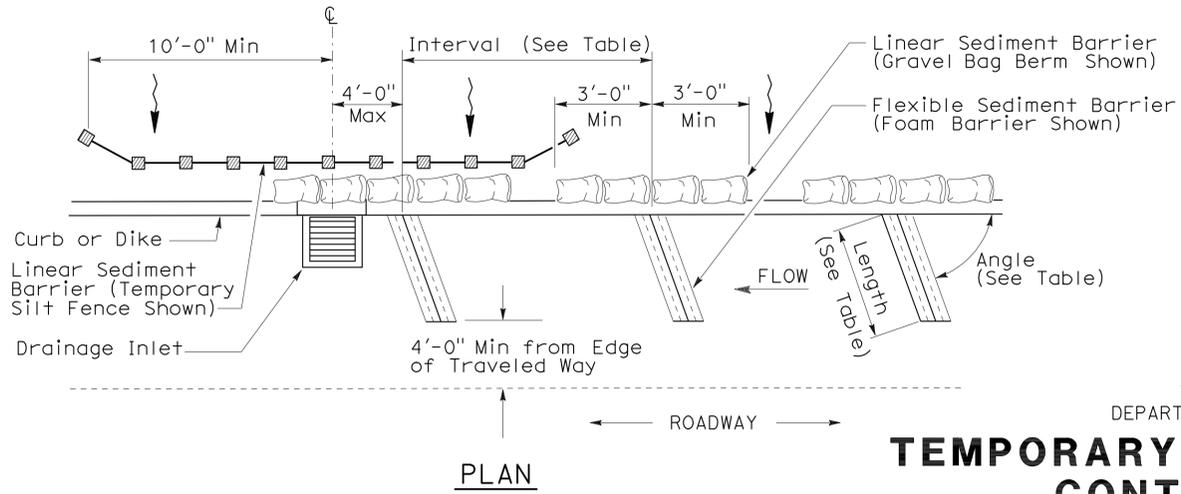
1. See Standard Plan T51 for Temporary Silt Fence.
2. Dimensions may vary to fit field conditions.
3. Install a minimum of 3 flexible sediment barriers upstream of each drainage inlet to be protected.
4. Position erosion control blanket or geosynthetic fabric at edge of concrete apron and secure in trench.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



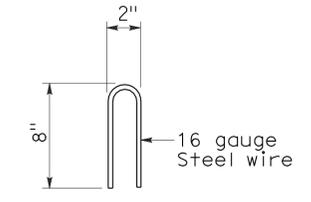
**TEMPORARY DRAINAGE INLET PROTECTION (TYPE 4A)**



**PERSPECTIVE**



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



**STAPLE DETAIL**

**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

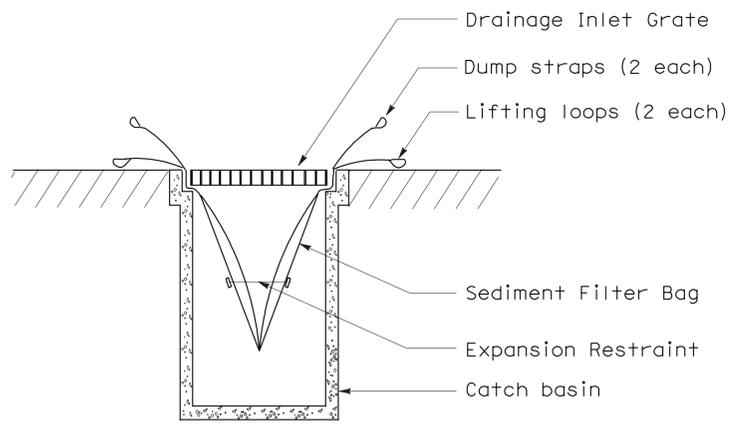
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
09	Mno	395	51.0/51.3	14	15

*Robert B. Schott*  
 LICENSED LANDSCAPE ARCHITECT

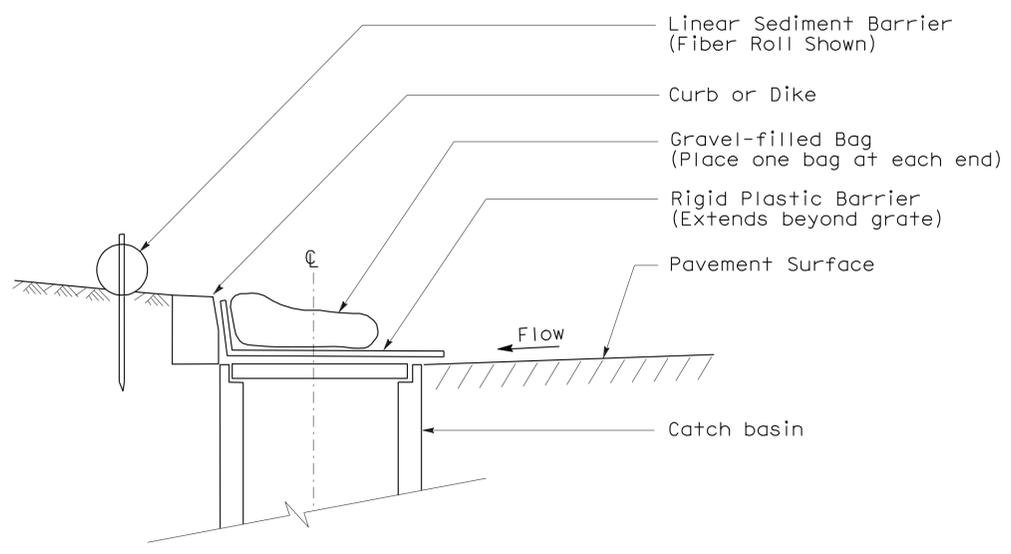
August 15, 2008  
 PLANS APPROVAL DATE

*Robert B. Schott*  
 LICENSED LANDSCAPE ARCHITECT  
 Signature  
 11-04-08  
 Renewal Date  
 08-11-08  
 Date

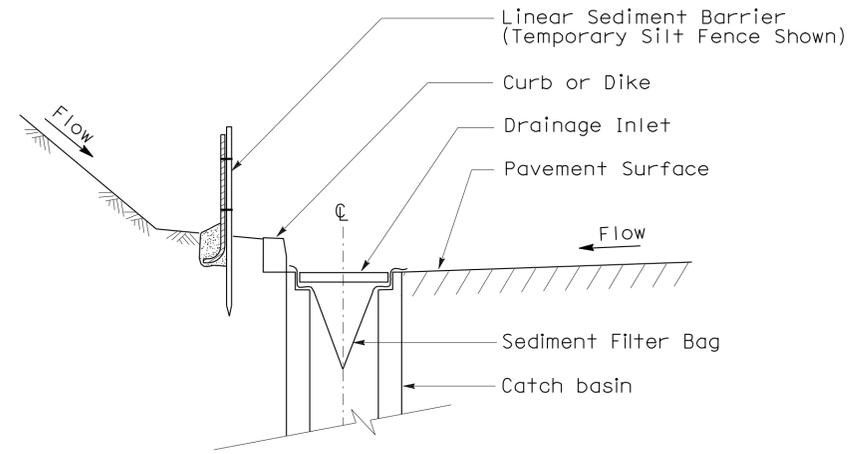
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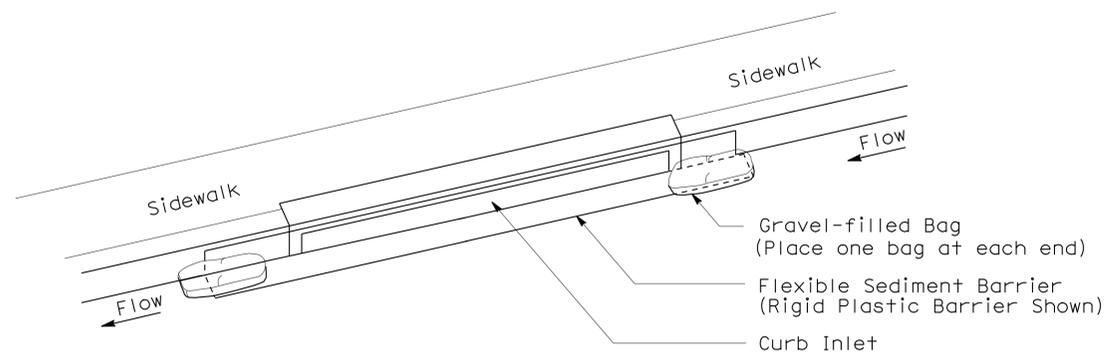
SECTION B-B  
SEDIMENT FILTER BAG DETAIL



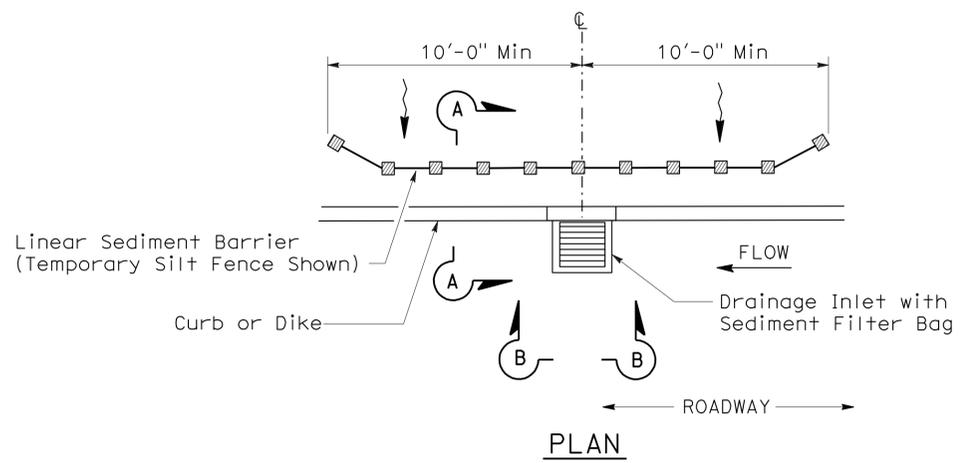
SECTION  
TEMPORARY DRAINAGE  
INLET PROTECTION (TYPE 6A)  
(CATCH BASIN WITH GRATE)



SECTION A-A



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



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

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

To accompany plans dated 1-3-11

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
09	Mno	395	51.0/51.3	15	15

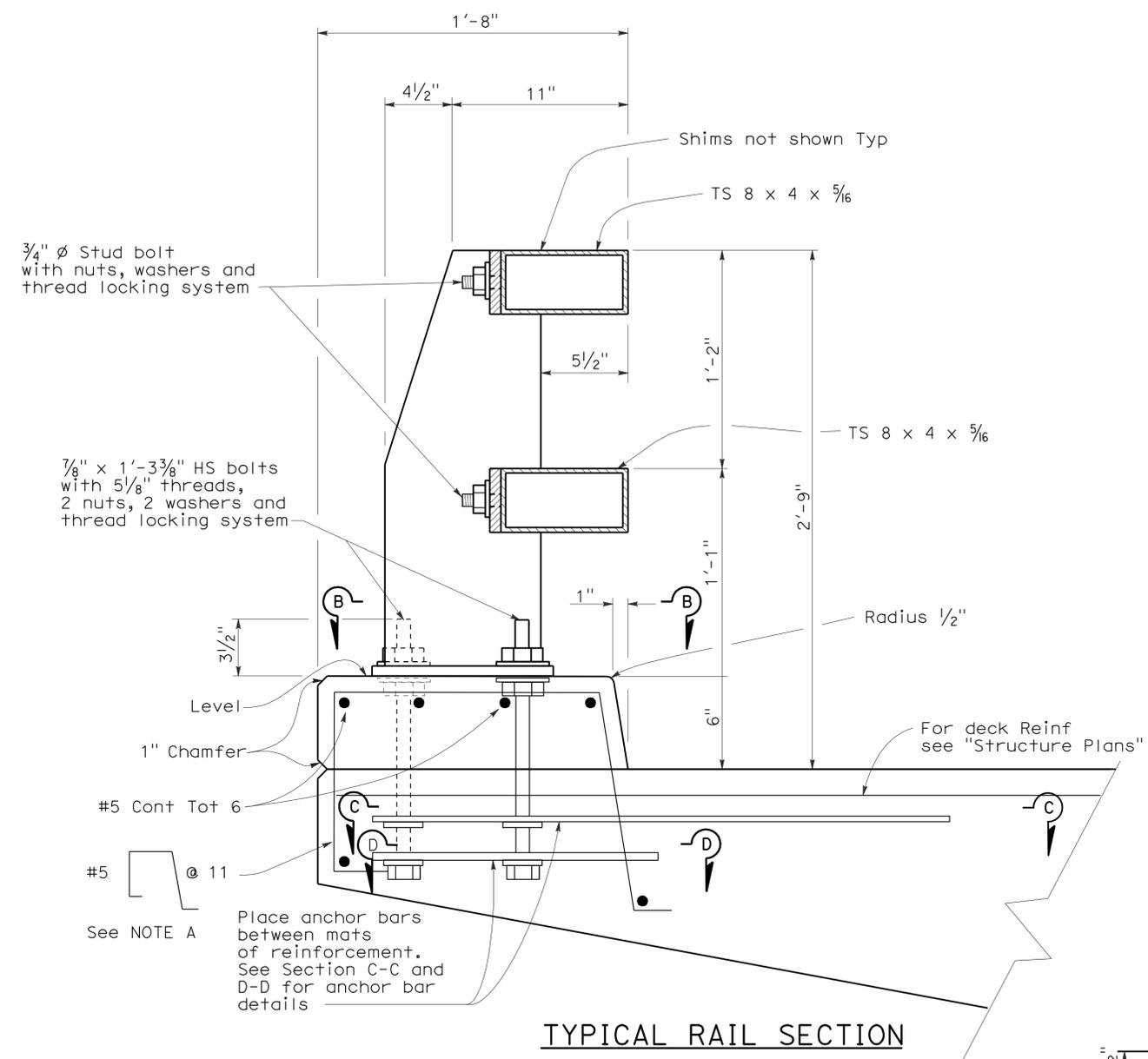
REGISTERED CIVIL ENGINEER

June 30, 2006  
PLANS APPROVAL DATE

**Tillat Satter**  
No. C42892  
Exp. 03-31-08  
CIVIL  
STATE OF CALIFORNIA

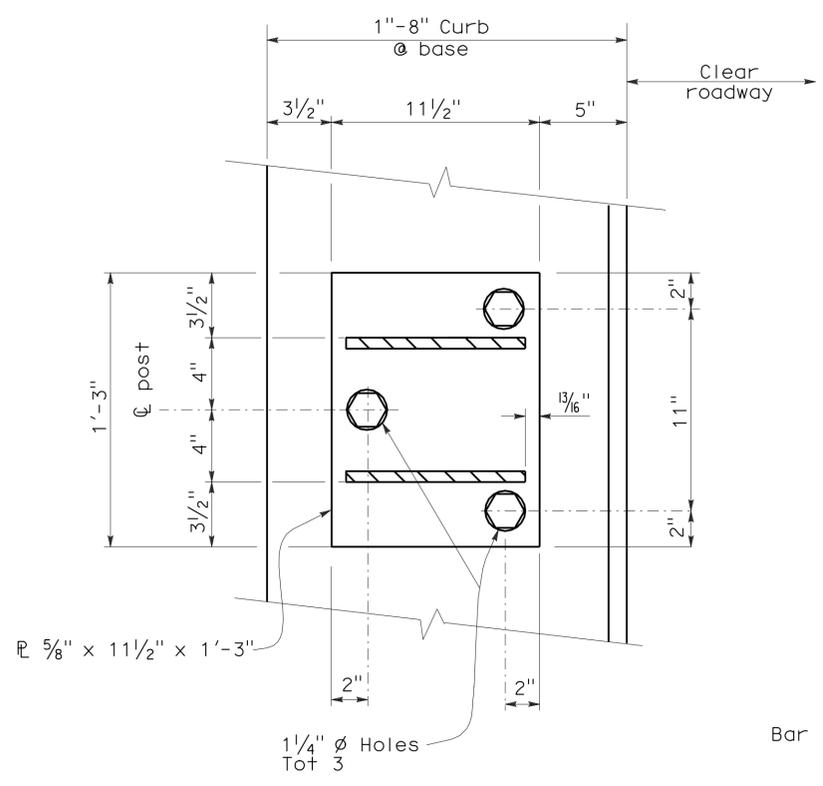
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 1-3-11

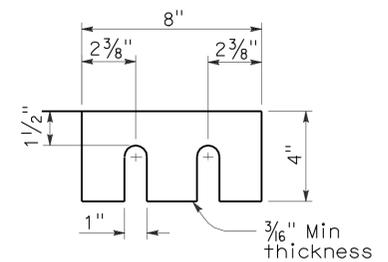


**TYPICAL RAIL SECTION**

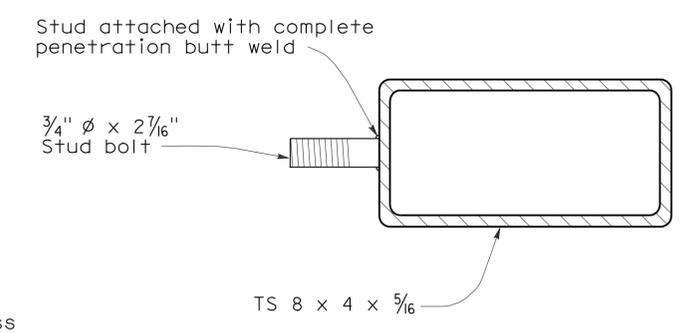
**NOTE A**  
Adjust spacing to clear scupper opening by 2" if applicable.



**SECTION B-B**

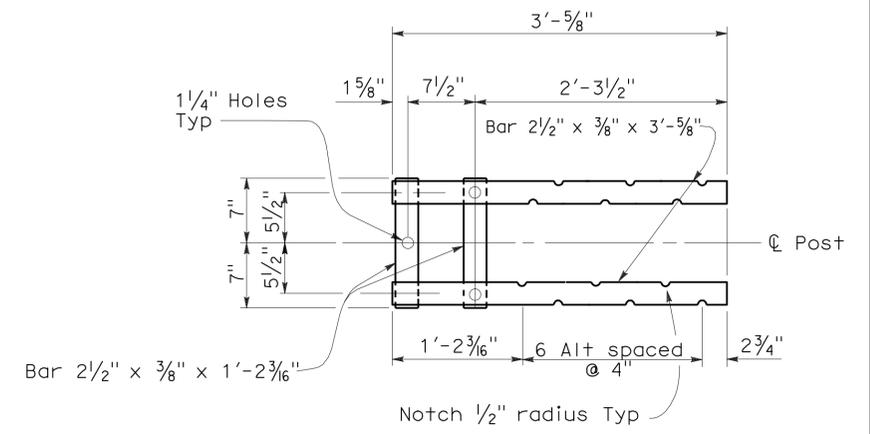


**SHIMS REQUIRED FOR TOP AND BOTTOM RAIL**

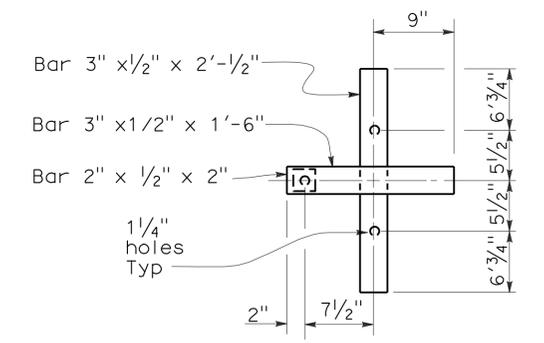


**STUD BOLT DETAIL**

**SECTION AT POST**



**SECTION C-C**  
Top Anchorage



**SECTION D-D**  
Lower Anchorage

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**CALIFORNIA ST-10  
BRIDGE RAIL  
(SHEET 1 OF 3)**

NO SCALE

RSP B11-68 DATED JUNE 30, 2006 SUPERSEDES STANDARD PLAN DATED MAY 1, 2006 - PAGE 284 OF THE STANDARD PLANS BOOK DATED MAY 2006.

**REVISED STANDARD PLAN RSP B11-68**

**2006 REVISED STANDARD PLAN RSP B11-68**