

INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2-6	CONSTRUCTION AREA SIGNS
7-13	REVISED AND NEW STANDARD PLANS

STRUCTURE PLANS

14-17 POSEY AND WEBSTER STREET TUBES BRIDGE No. 33-0106 L/R

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 ALAMEDA COUNTY**  
**IN THE CITIES OF ALAMEDA AND OAKLAND**  
**AT POSEY TUBE AND WEBSTER STREET TUBE**

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

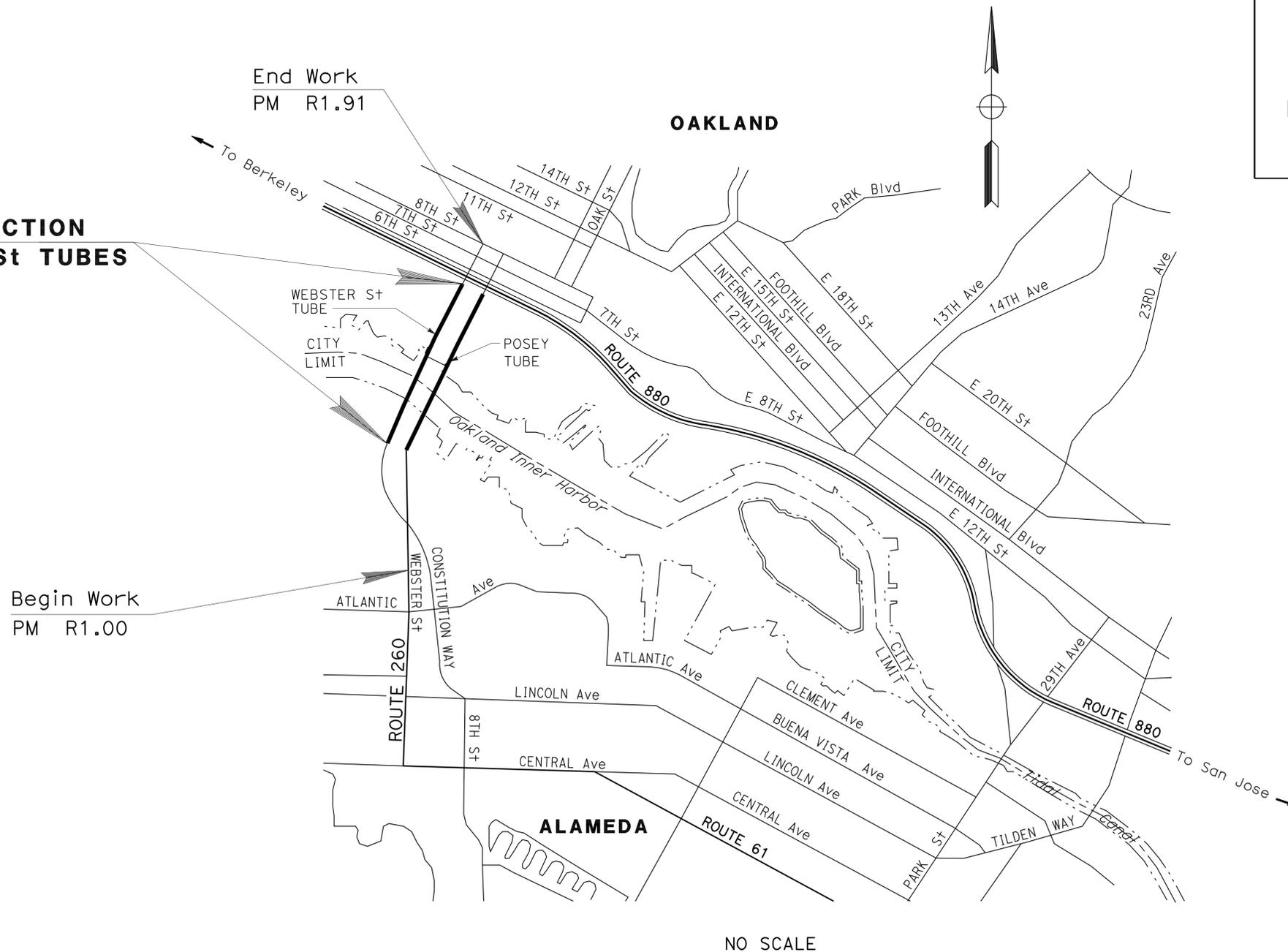
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	260	R1.1/R1.9	1	17





LOCATION MAP

**LOCATION OF CONSTRUCTION**  
**POSEY AND WEBSTER St TUBES**  
**Br No. 33-0106 L/R**  
**PM R1.1/R1.9**



PROJECT MANAGER	RAMSES SARGIS
DESIGN ENGINEER	ABDUL Z REJA

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

*Abdul Z Reja* 3-4-10

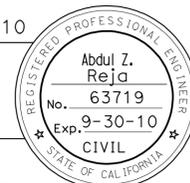
PROJECT ENGINEER  
 REGISTERED CIVIL ENGINEER

DATE

March 22, 2010

PLANS APPROVAL DATE

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



CONTRACT No. **04-2E0201**

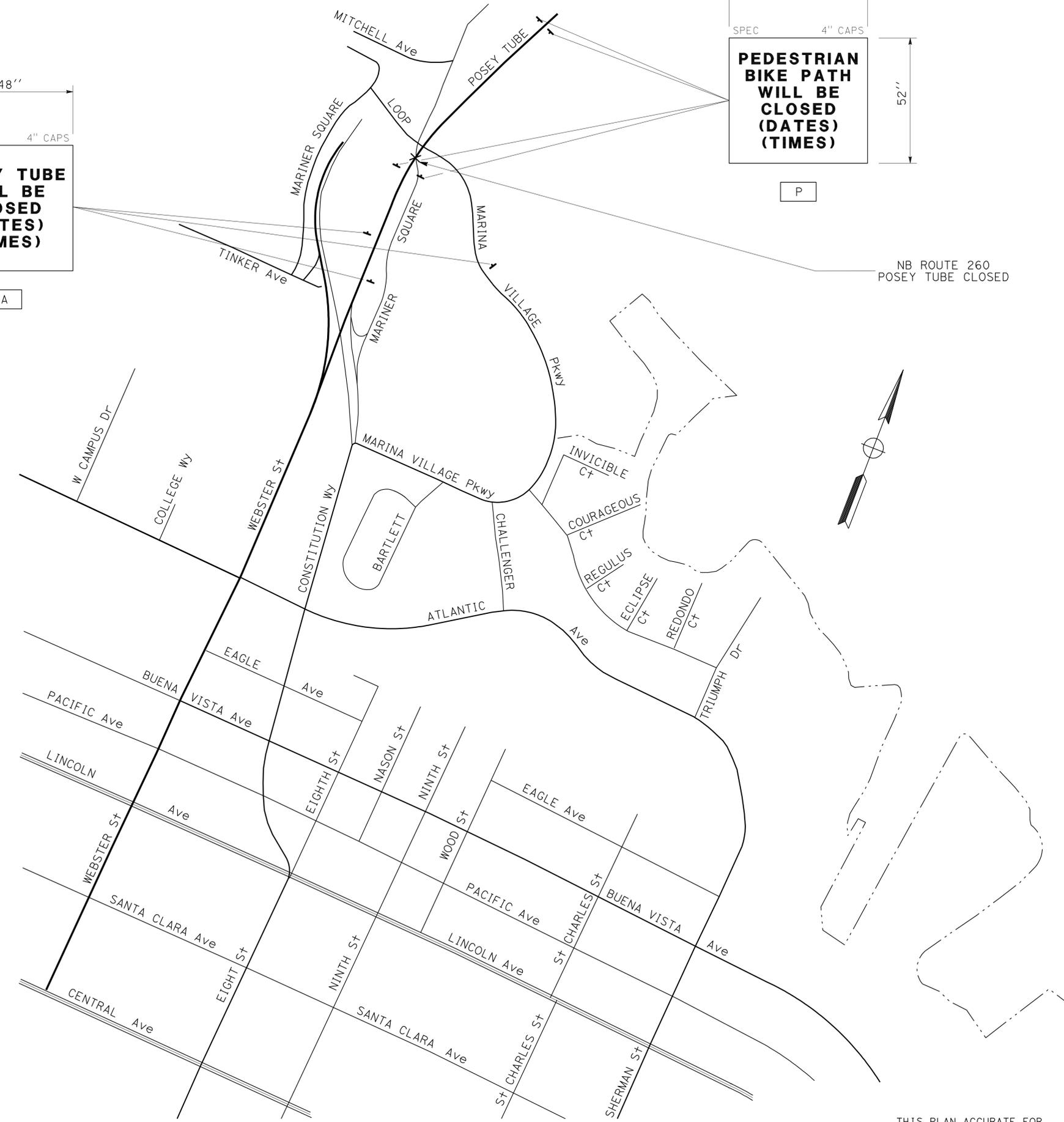
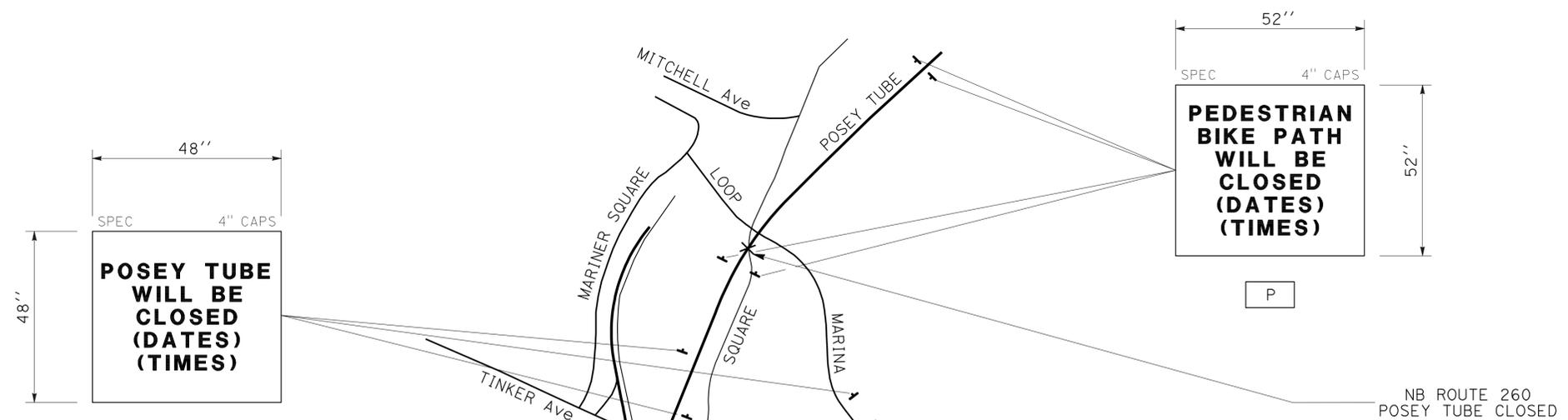
CU 04609

EA 2E0201



STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION	FUNCTIONAL SUPERVISOR		CALCULATED/DESIGNED BY	MARTA LERMA	REVISOR	ML
	ROLAND AU-YEUNG					
TRAFFIC		CHECKED BY		LOURDES DAVID		

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	260	R1.1/R1.9	2	17
<i>Lourdes David</i> 3-4-10 REGISTERED CIVIL ENGINEER DATE					
3-22-10			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>					



**LEGEND:**

CONSTRUCTION AREA SIGN

**NOTE:**

EXACT LOCATION AND POSITION OF CONSTRUCTION AREA SIGNS TO BE DETERMINED BY THE ENGINEER.

**CONSTRUCTION AREA SIGNS**  
NO SCALE

**CS-1**

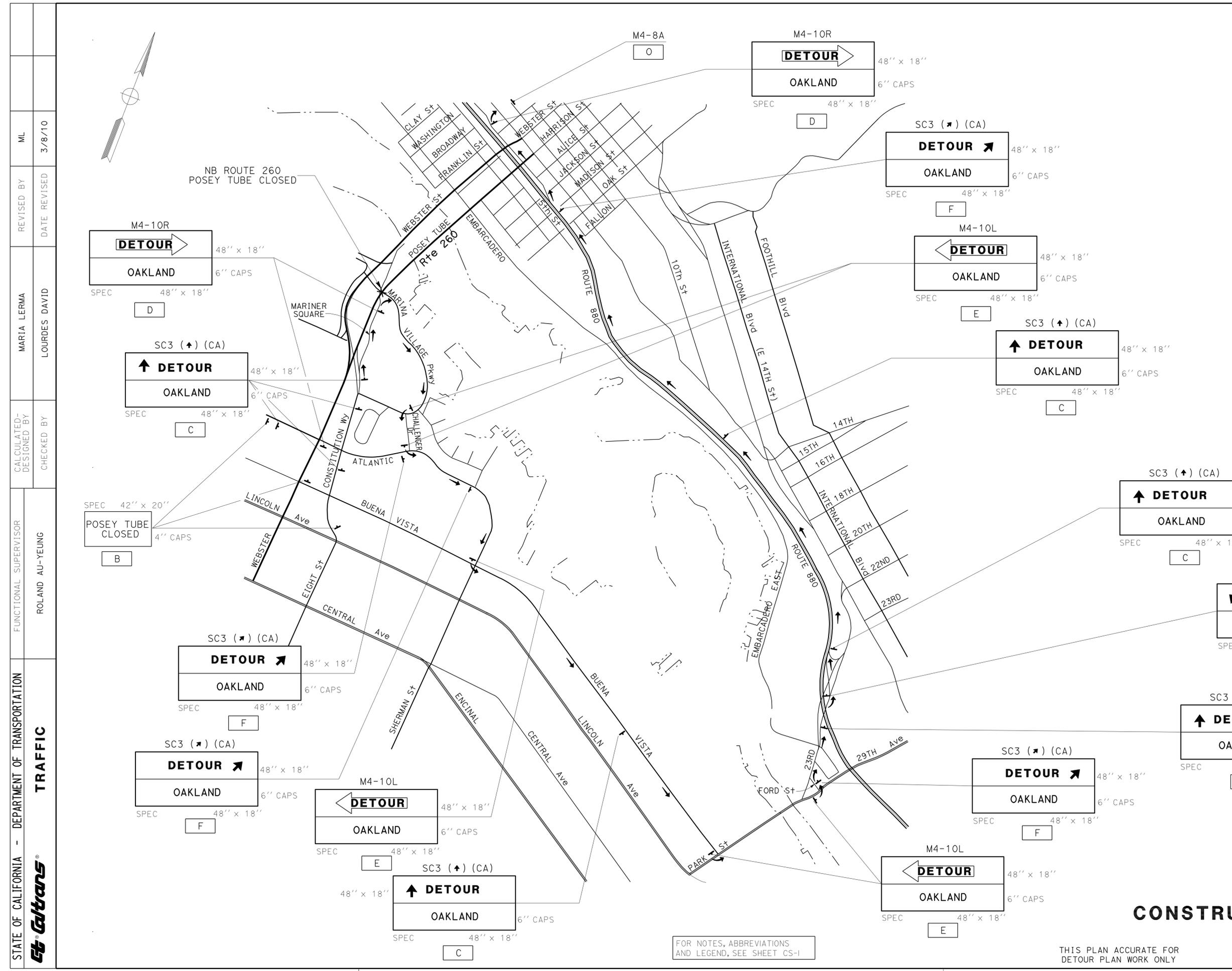
THIS PLAN ACCURATE FOR  
DETOUR PLAN WORK ONLY

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Alc	260	R1.1/R1.9	3	17

Lourdes David 3-4-10  
 REGISTERED CIVIL ENGINEER DATE  
 3-22-10  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 Lourdes David  
 No. 51428  
 Exp. 6-30-10  
 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 AREA SIGNS**  
NO SCALE

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

THIS PLAN ACCURATE FOR DETOUR PLAN WORK ONLY

**CS-2**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 FUNCTIONAL SUPERVISOR: ROLAND AU-YEUNG  
 CHECKED BY: LOURDES DAVID  
 REVISIONS: ML 3/8/10  
 REVISIONS: MARTA LERMA  
 REVISIONS: LOURDES DAVID  
 REVISIONS: LOURDES DAVID

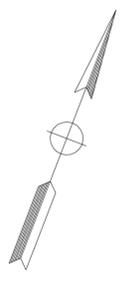
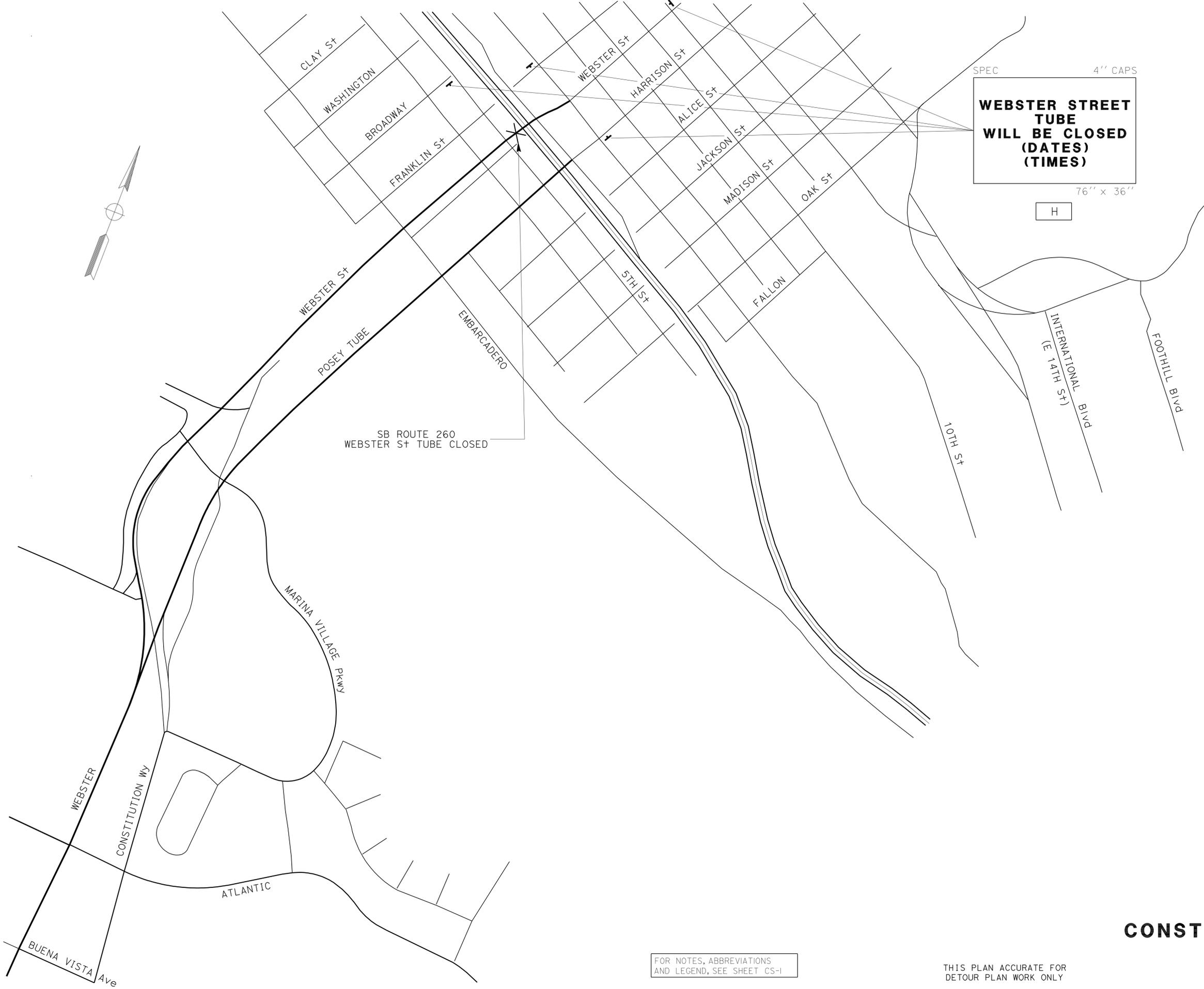
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 FUNCTIONAL SUPERVISOR: ROLAND AU-YEUNG  
 TRAFFIC

DESIGNED BY: MARI LERMA  
 CHECKED BY: LOURDES DAVID  
 REVISIONS: 3/8/10  
 ML

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala	260	R1.1/R1.9	4	17

REGISTERED CIVIL ENGINEER: Lourdes David  
 No. 51428  
 Exp. 6-30-10  
 CIVIL  
 STATE OF CALIFORNIA  
 3-22-10  
 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.



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

THIS PLAN ACCURATE FOR DETOUR PLAN WORK ONLY

**CONSTRUCTION AREA SIGNS**  
 NO SCALE

**CS-3**

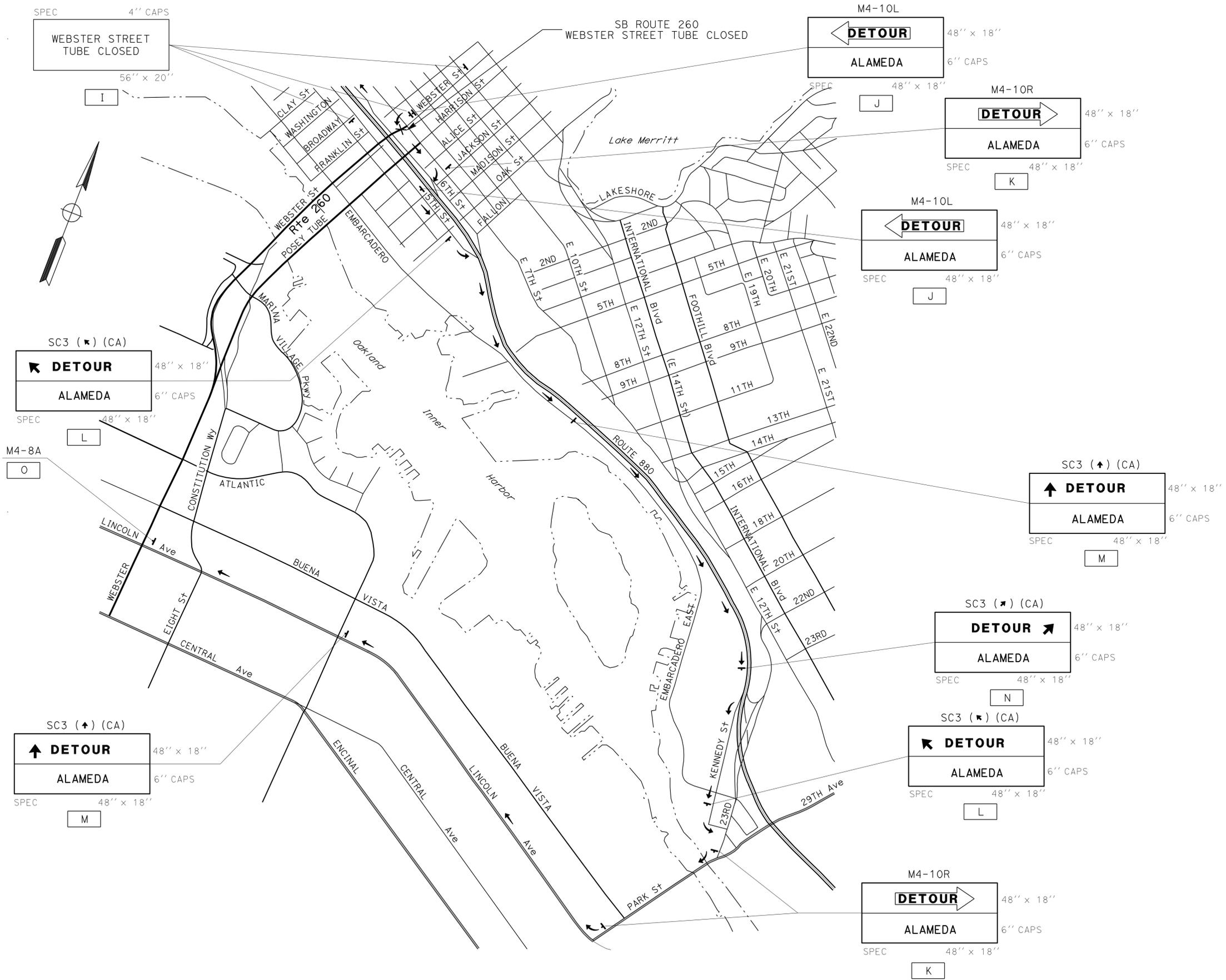
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION  
**Caltrans**  
 FUNCTIONAL SUPERVISOR: ROLAND AU-YEUNG  
 CALCULATED/DESIGNED BY: MARIJA LERMA  
 CHECKED BY: LOURDES DAVID  
 REVISIONS: ML 3/8/10

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	260	R1.1/R1.9	5	17

REGISTERED CIVIL ENGINEER  
 No. 51428  
 Exp. 6-30-10  
 CIVIL  
 STATE OF CALIFORNIA

3-4-10  
 REGISTERED CIVIL ENGINEER DATE  
 3-22-10  
 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.



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

THIS PLAN ACCURATE FOR DETOUR PLAN WORK ONLY

# CONSTRUCTION AREA SIGNS

NO SCALE

**CS-4**

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
04	Ala	260	R1.1/R1.9	6	17

*Lourdes David* 3-4-10  
 REGISTERED CIVIL ENGINEER DATE

3-22-10  
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER  
 No. 51428  
 Exp. 6-30-10  
 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.

**STATIONARY MOUNTED CONSTRUCTION AREA SIGNS**

SIGN	SIGN CODE	PANEL SIZE	SIGN MESSAGE	No. OF POST & SIZE	No. OF SIGNS
A	SPECIAL	48" x 48"	POSEY TUBE WILL BE CLOSED DATES TIMES	2-4" x 6"	3
B	SPECIAL	42" x 20"	POSEY TUBE CLOSED	1-4" x 4"	3
C	SC3(↑) (CA)	48" x 18"	DETOUR (STRAIGHT AHEAD ARROW)	1-4" x 6"	8
	SPECIAL	48" x 18"	OAKLAND		
D	M4-10R	48" x 18"	DETOUR (INSIDE ARROW) (RIGHT)	1-4" x 6"	3
	SPECIAL	48" x 18"	OAKLAND		
E	M4-10L	48" x 18"	DETOUR (INSIDE ARROW) (LEFT)	1-4" x 6"	4
	SPECIAL	48" x 18"	OAKLAND		
F	SC3(↘) (CA)	48" x 18"	DETOUR (UP RIGHT AHEAD ARROW)	1-4" x 6"	4
	SPECIAL	48" x 18"	OAKLAND		
G	SC3(↙) (CA)	48" x 18"	DETOUR (UP LEFT AHEAD ARROW)	1-4" x 6"	1
	SPECIAL	48" x 18"	OAKLAND		
H	SPECIAL	76" x 36"	WEBSTER STREET TUBE WILL BE CLOSED DATES TIMES	2-4" x 6"	4
I	SPECIAL	56" x 20"	WEBSTER STREET TUBE CLOSED	2-4" x 4"	3
J	M4-10L	48" x 18"	DETOUR (INSIDE ARROW) (LEFT)	1-4" x 6"	2
	SPECIAL	48" x 18"	ALAMEDA		
K	M4-10R	48" x 18"	DETOUR (INSIDE ARROW) (RIGHT)	1-4" x 6"	3
	SPECIAL	48" x 18"	ALAMEDA		
L	SC3(↖) (CA)	48" x 18"	DETOUR (UP LEFT AHEAD ARROW)	1-4" x 6"	2
	SPECIAL	48" x 18"	ALAMEDA		
M	SC3(↑) (CA)	48" x 18"	DETOUR (STRAIGHT AHEAD ARROW)	1-4" x 6"	2
	SPECIAL	48" x 18"	ALAMEDA		
N	SC3(↗) (CA)	48" x 18"	DETOUR (UP RIGHT AHEAD ARROW)	1-4" x 6"	1
	SPECIAL	48" x 18"	ALAMEDA		
O	M4-8a	24" x 18"	END DETOUR	1-4" x 4"	2
P	SPECIAL	52" x 52"	PEDESTRIAN/BIKE PATH WILL BE CLOSED DATES TIMES	2-4" x 6"	4

**CONSTRUCTION AREA SIGNS**

**CS-5**

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala	260	R1.1/R1.9	7	17

**Randell D. Hiatt**  
REGISTERED CIVIL ENGINEER

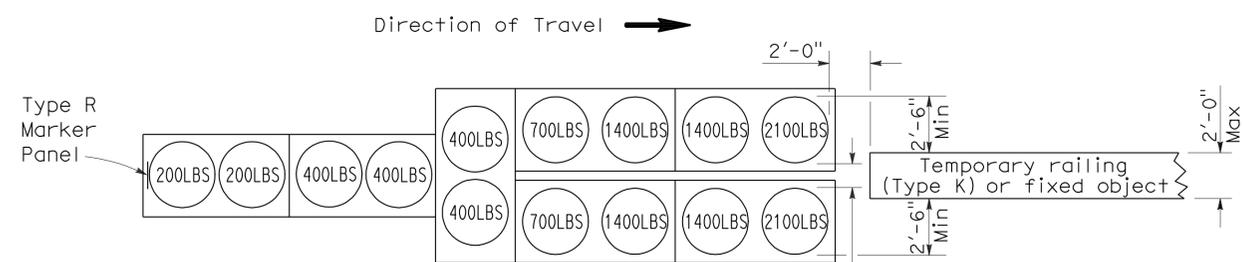
June 6, 2008  
PLANS APPROVAL DATE

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.

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

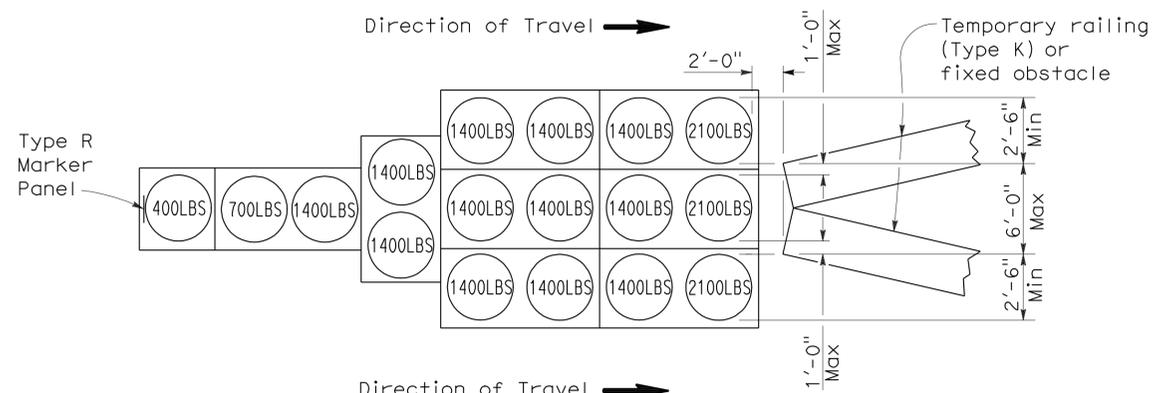
To accompany plans dated 3-22-10

2006 REVISED STANDARD PLAN RSP T1A



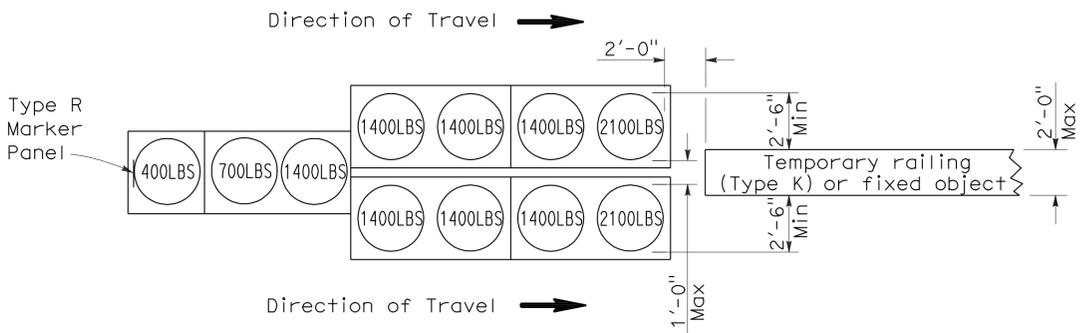
**ARRAY 'TU14'**

Approach speed 45 mph or more



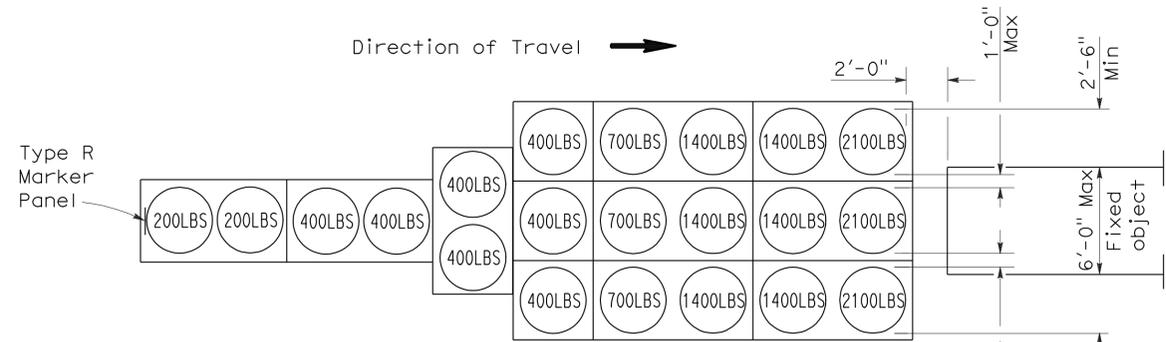
**ARRAY 'TU17'**

Approach speed less than 45 mph



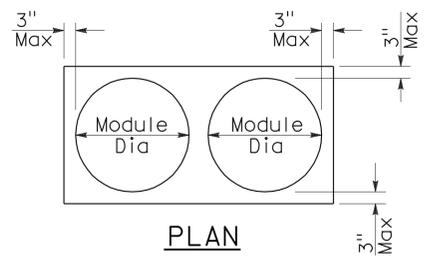
**ARRAY 'TU11'**

Approach speed less than 45 mph

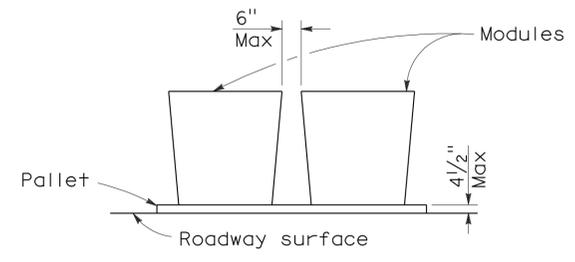


**ARRAY 'TU21'**

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
04	Ala	260	R1.1/R1.9	8	17

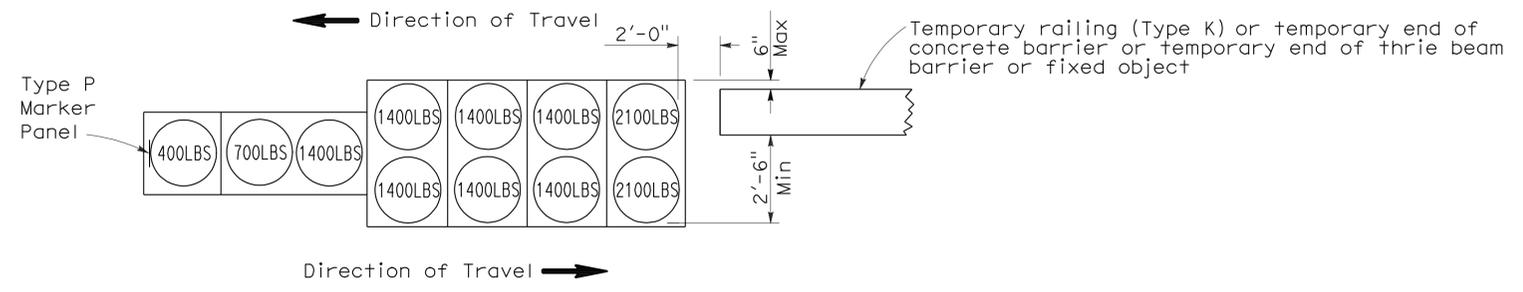
*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

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.*

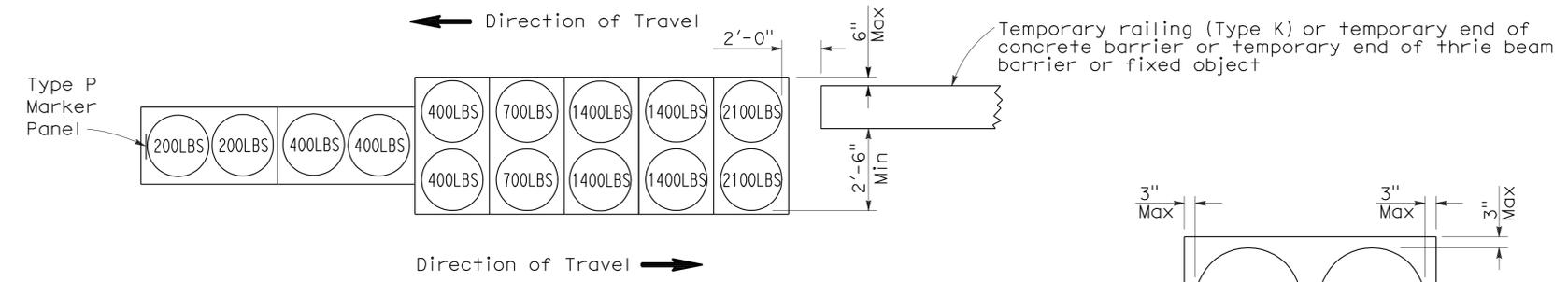
REGISTERED PROFESSIONAL ENGINEER  
Randell D. Hiatt  
No. C50200  
Exp. 6-30-09  
CIVIL  
STATE OF CALIFORNIA

To accompany plans dated 3-22-10



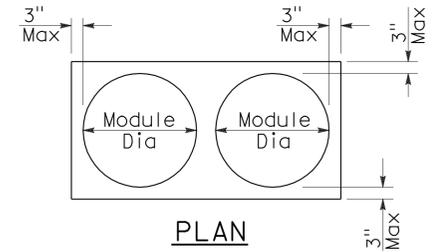
**ARRAY 'TB11'**

Approach speed less than 45 mph

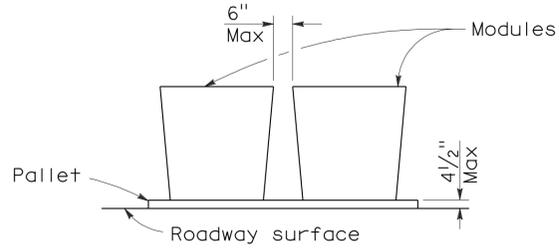


**ARRAY 'TB14'**

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
04	Ala	260	R1.1/R1.9	9	17

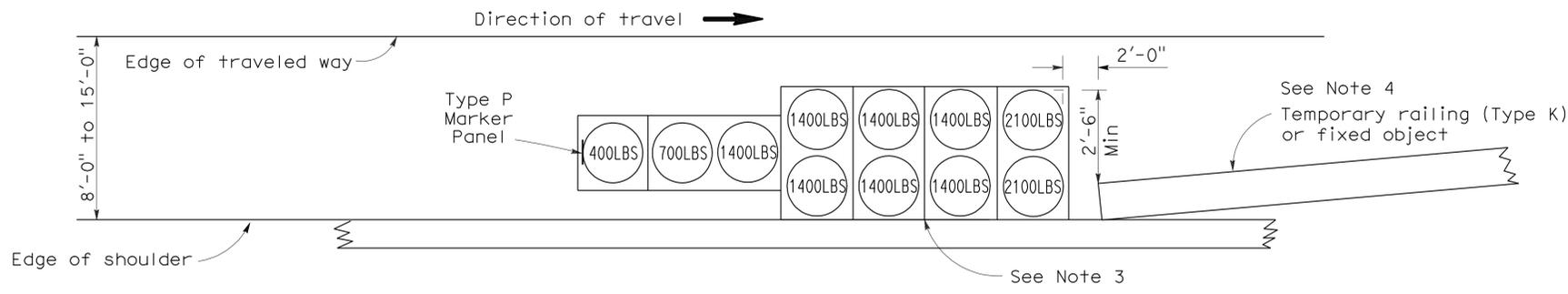
*Randell D. Hiatt*  
REGISTERED CIVIL ENGINEER

June 6, 2008  
PLANS APPROVAL DATE

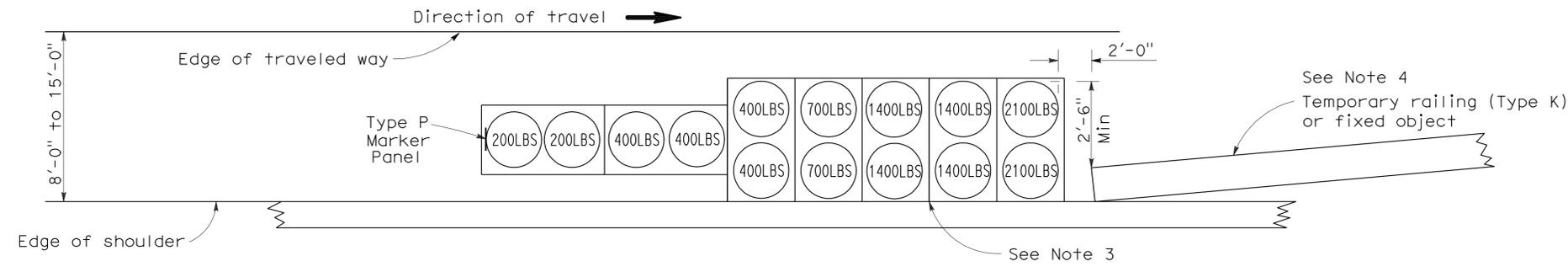
*Randell D. Hiatt*  
REGISTERED PROFESSIONAL ENGINEER  
No. C50200  
Exp. 6-30-09  
CIVIL  
STATE OF CALIFORNIA

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.

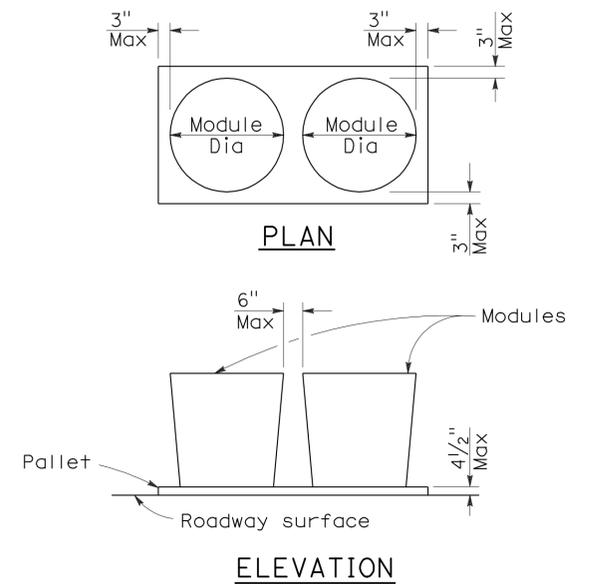
To accompany plans dated 3-22-10



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



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



**CRASH CUSHION PALLET DETAIL**  
See Note 11

**NOTES:**

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

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**TEMPORARY CRASH CUSHION,  
SAND FILLED  
(SHOULDER INSTALLATIONS)**

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

**REVISED STANDARD PLAN RSP T2**

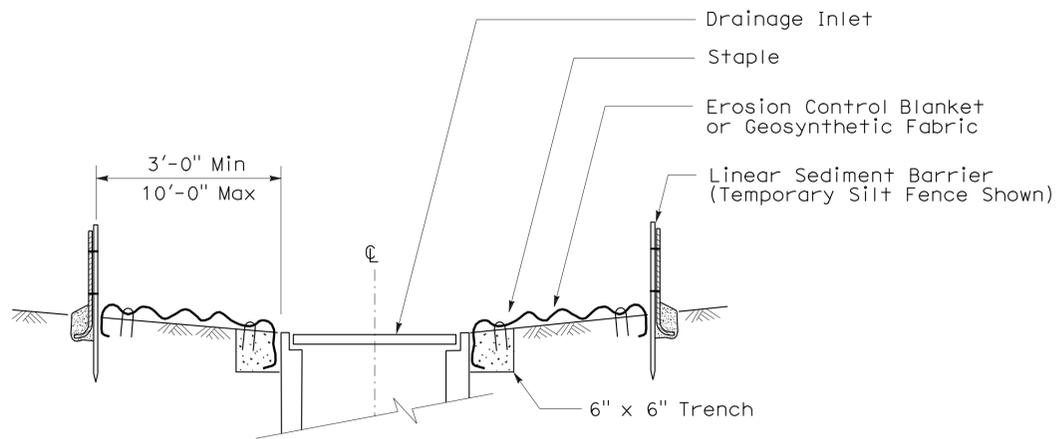
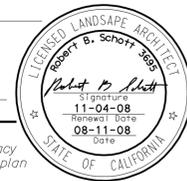
2006 REVISED STANDARD PLAN RSP T2

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala	260	R1.1/R1.9	10	17

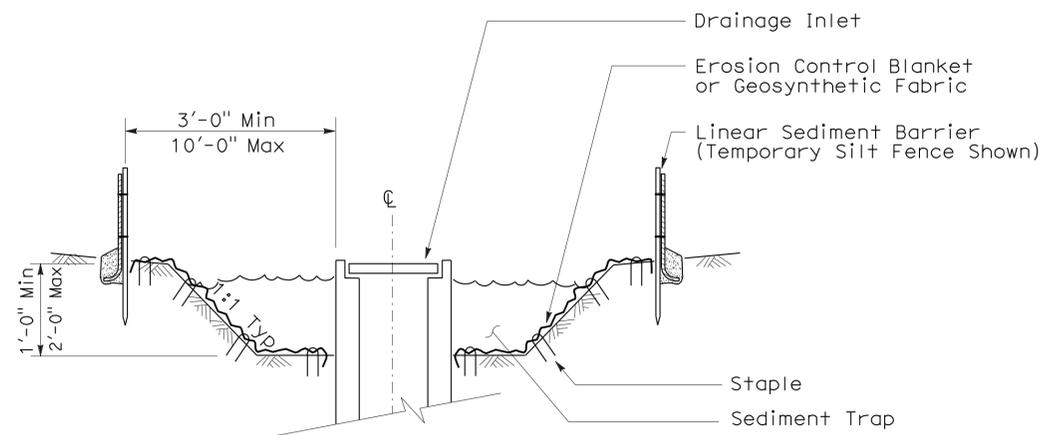
Robert B. Schott  
 LICENSED LANDSCAPE ARCHITECT  
 August 15, 2008  
 PLANS Approval DATE

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 3-22-10



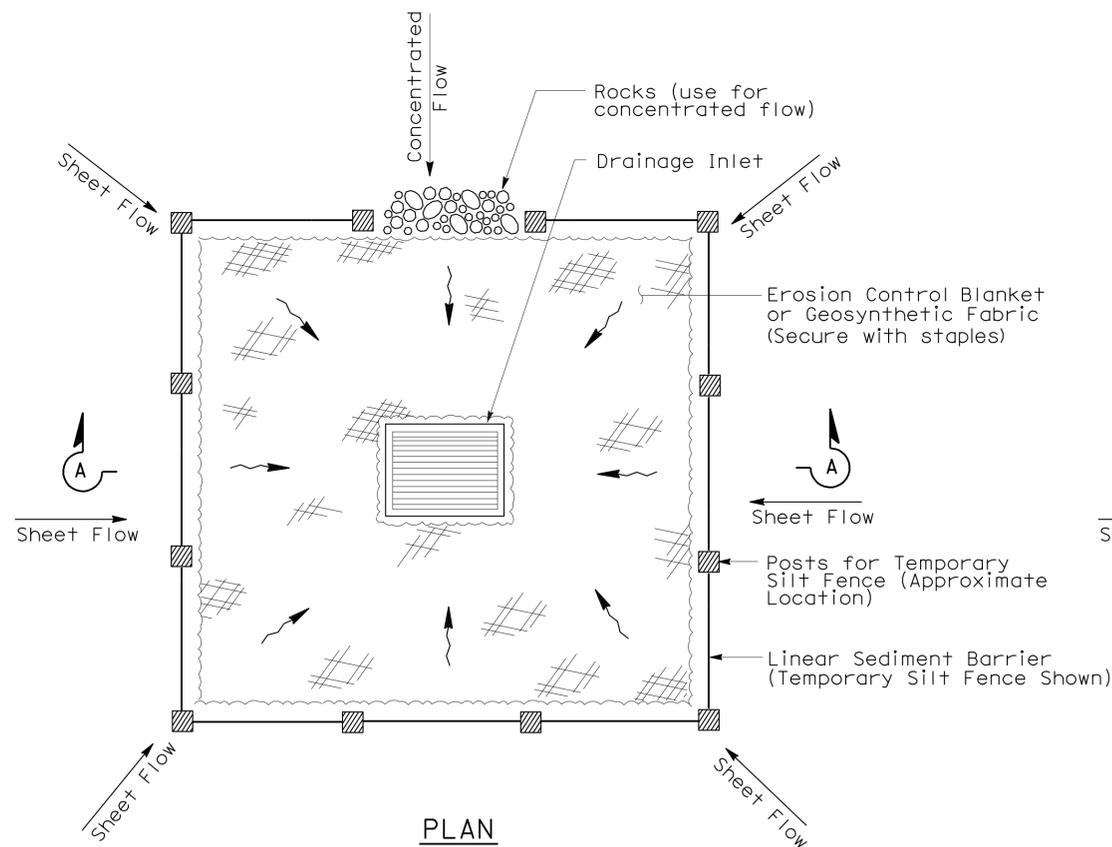
SECTION A-A



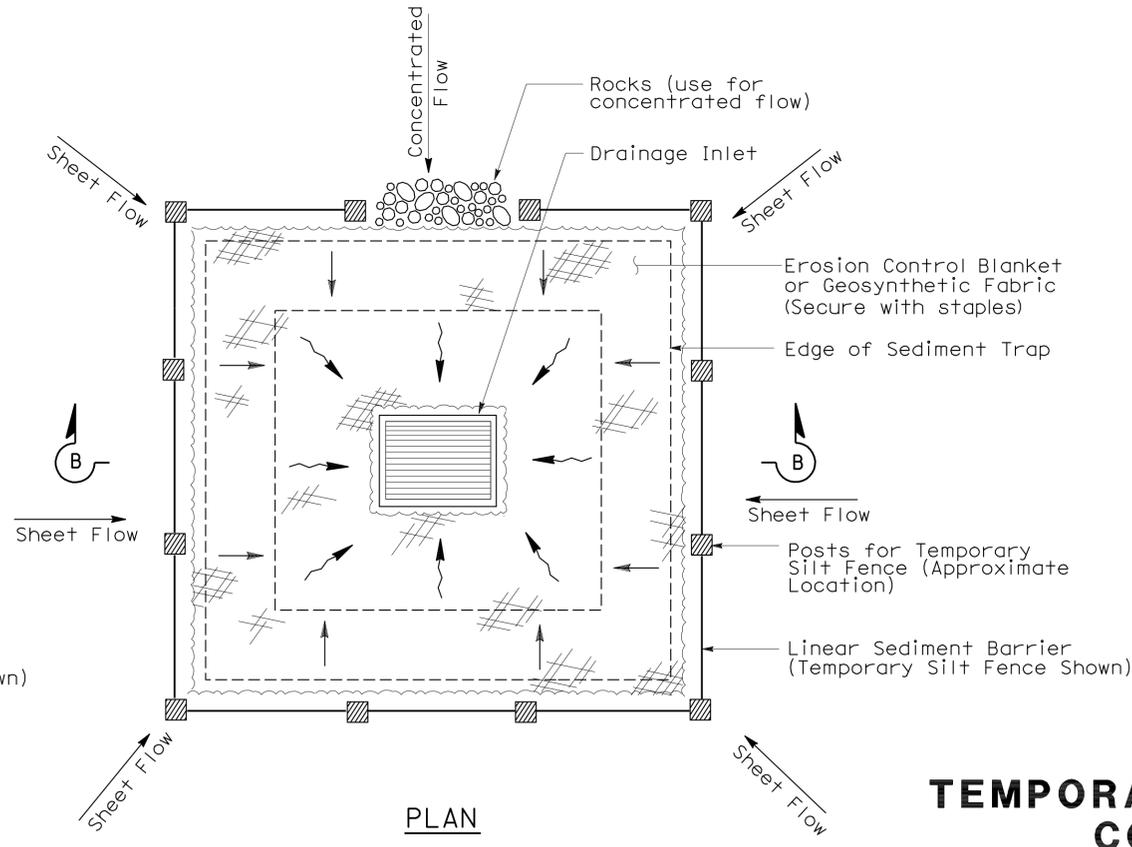
SECTION B-B

**NOTES:**

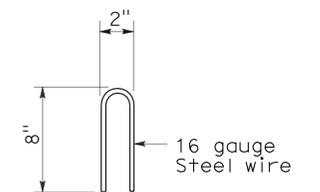
1. See Standard Plan T51 for Temporary Silt Fence.
2. Dimensions may vary to fit field conditions.



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.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala	260	R1.1/R1.9	11	17

*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.

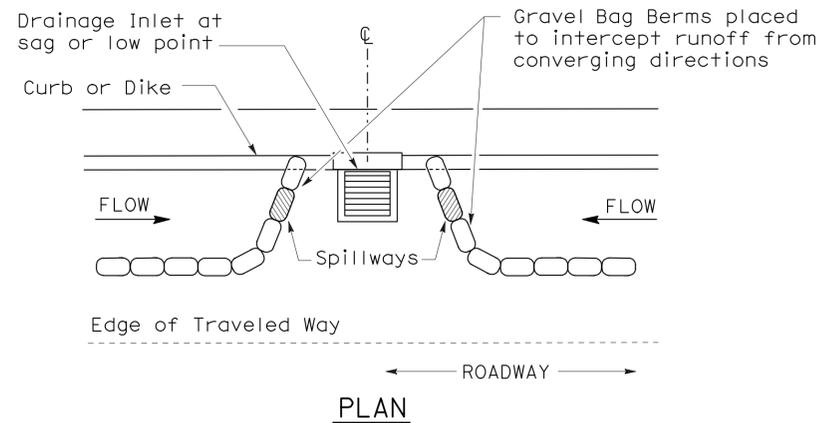


To accompany plans dated 3-22-10

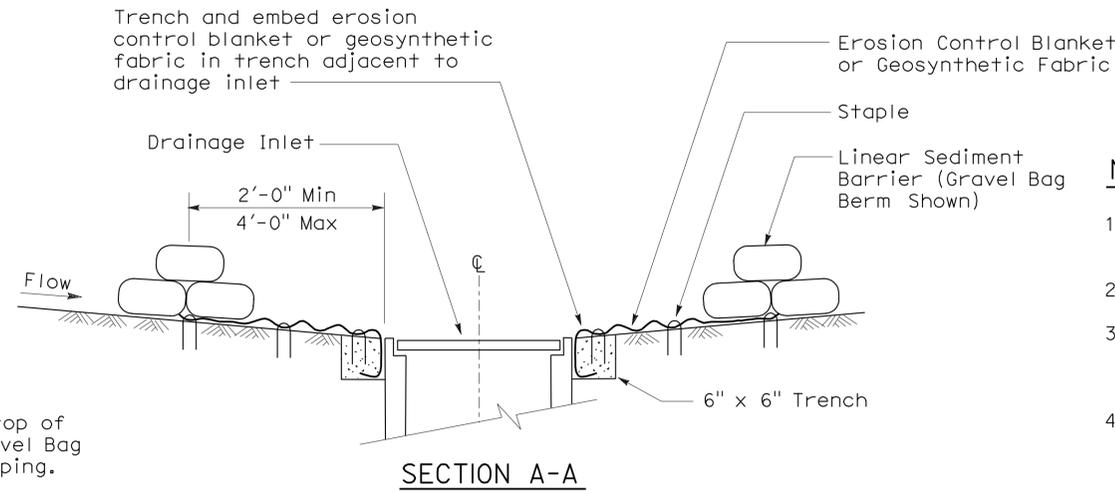
**GRAVEL BAG BERM (TYPE 3A) SPACING TABLE**

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



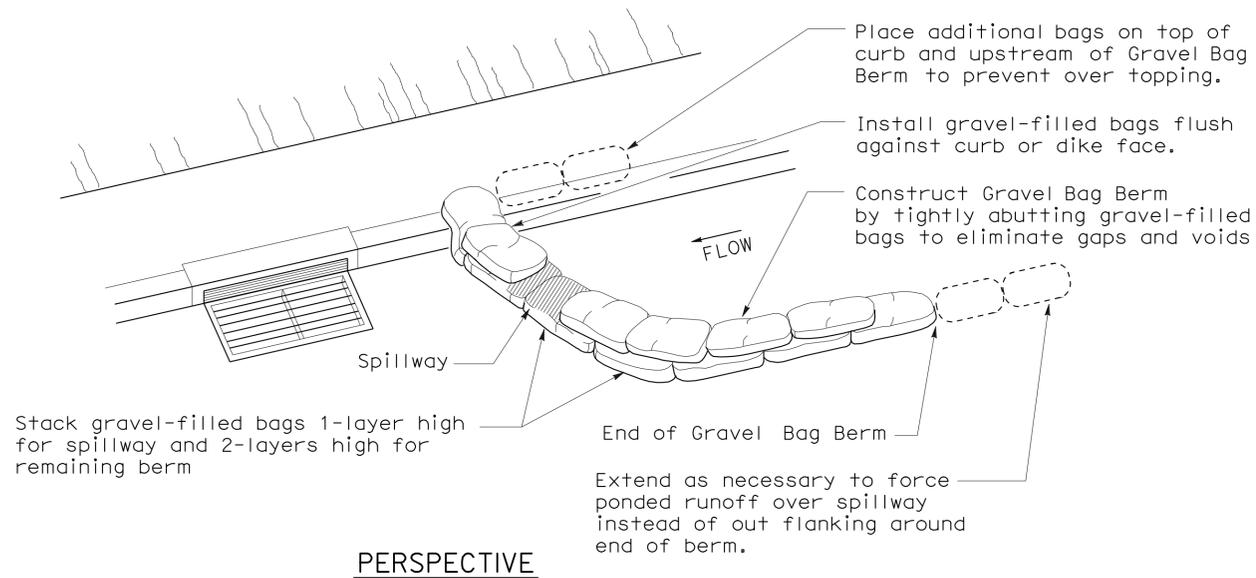
**PLAN**  
**CONFIGURATION FOR SAG POINT INLET (GRAVEL BAG BERM)**



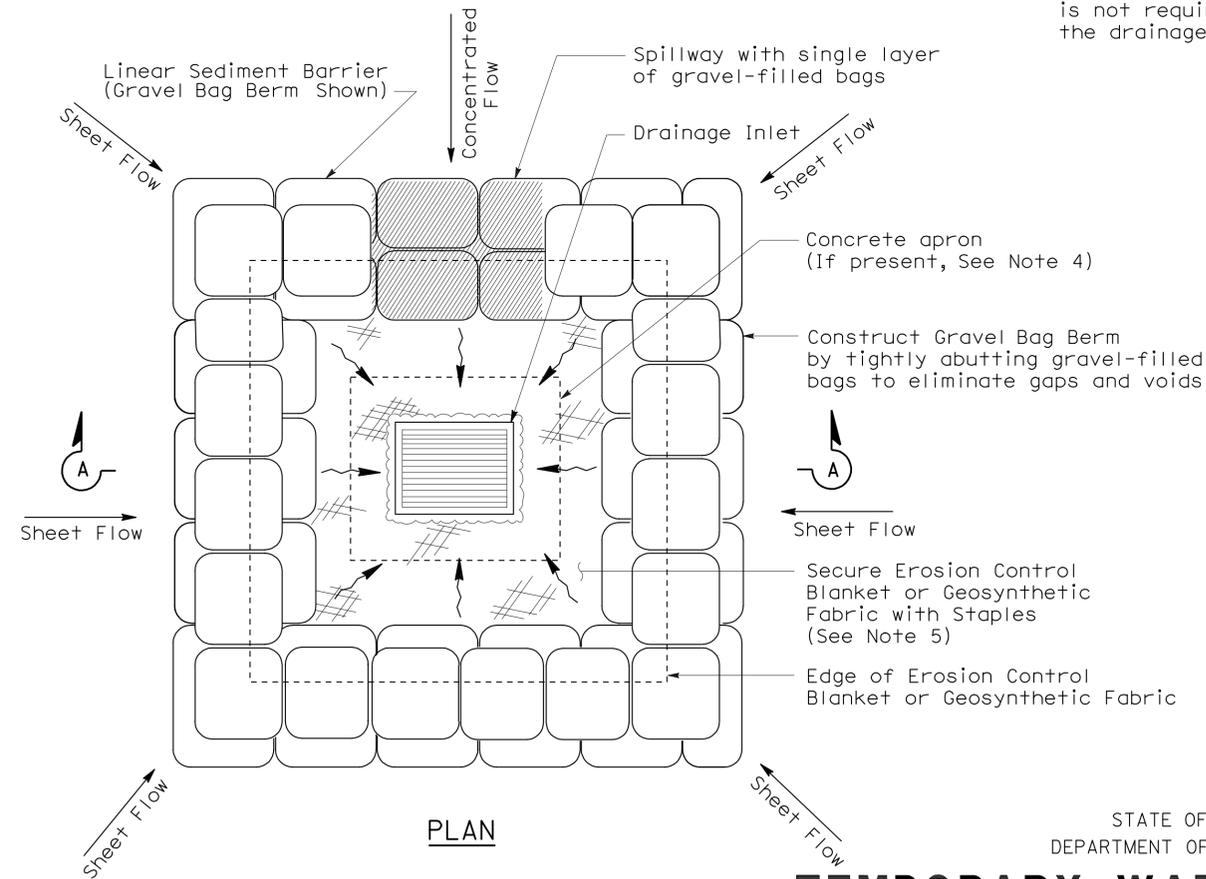
**SECTION A-A**

**NOTES:**

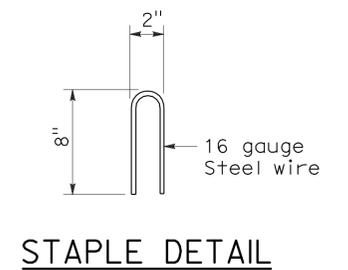
1. Place safety cones adjacent to drainage inlet protection.
2. Dimensions may vary to fit field conditions.
3. Install a minimum of 3 gravel bag berms upstream of each drainage inlet to be protected.
4. Position erosion control blanket or geosynthetic fabric at edge of concrete apron and secure in trench.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



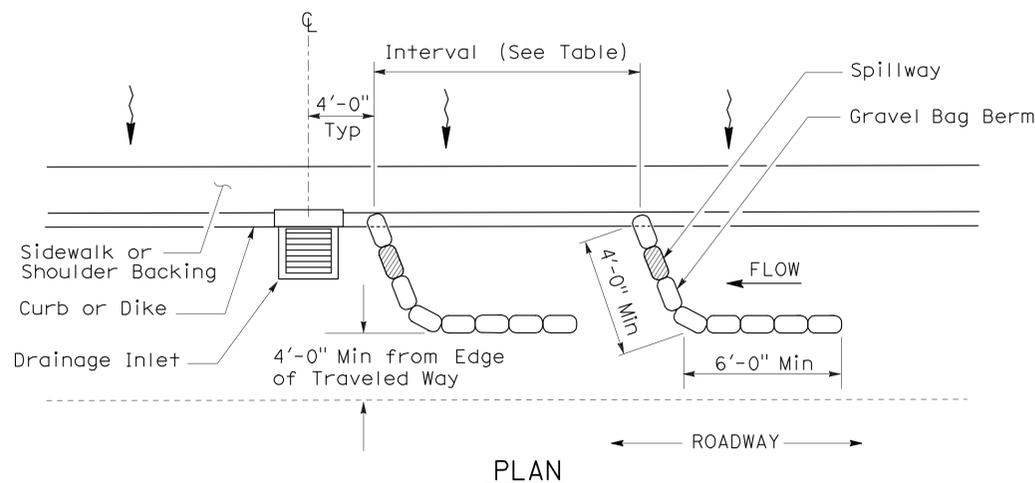
**PERSPECTIVE**



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



**STAPLE DETAIL**



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

**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'

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala	260	R1.1/R1.9	12	17

Robert B. Schott  
 LICENSED LANDSCAPE ARCHITECT

August 15, 2008  
 PLANS APPROVAL DATE

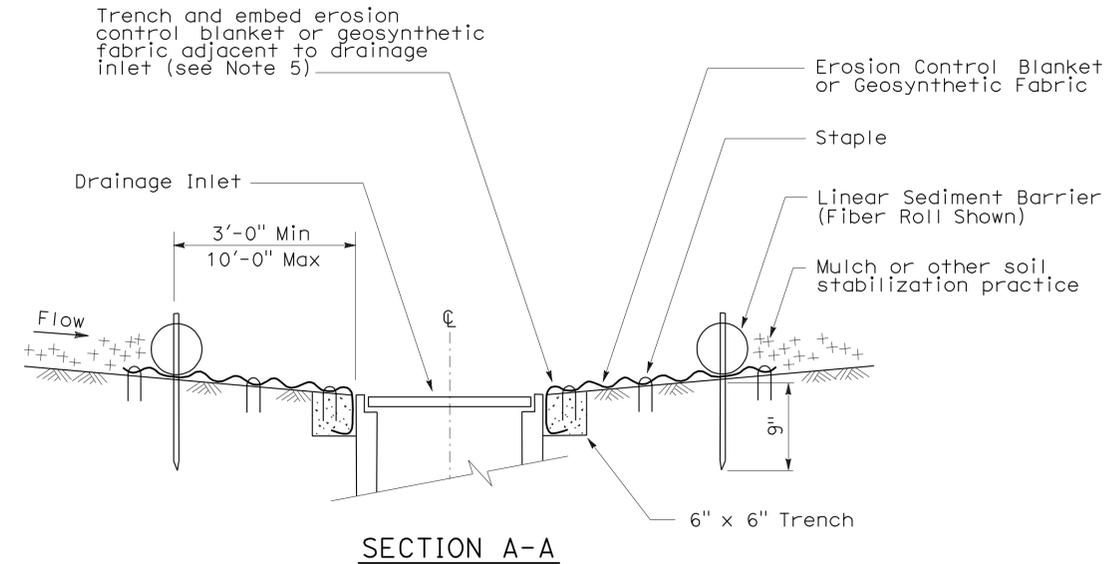
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

STATE OF CALIFORNIA  
 LICENSED LANDSCAPE ARCHITECT  
 Robert B. Schott  
 Signature: 11-04-08  
 Renewal Date: 08-11-08  
 Date

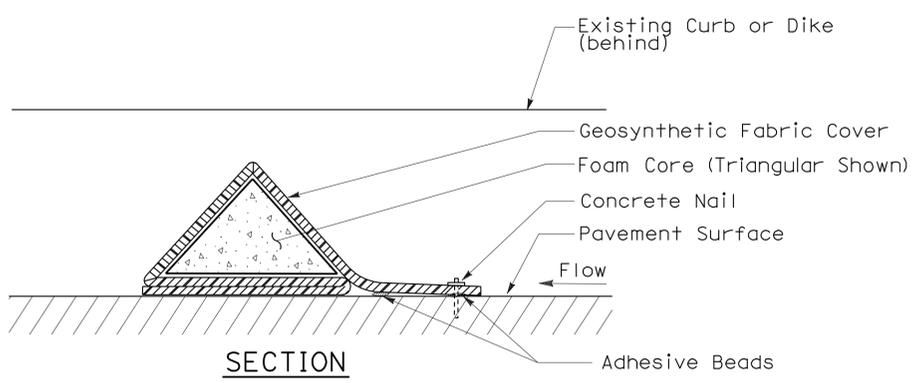
To accompany plans dated 3-22-10

NOTES:

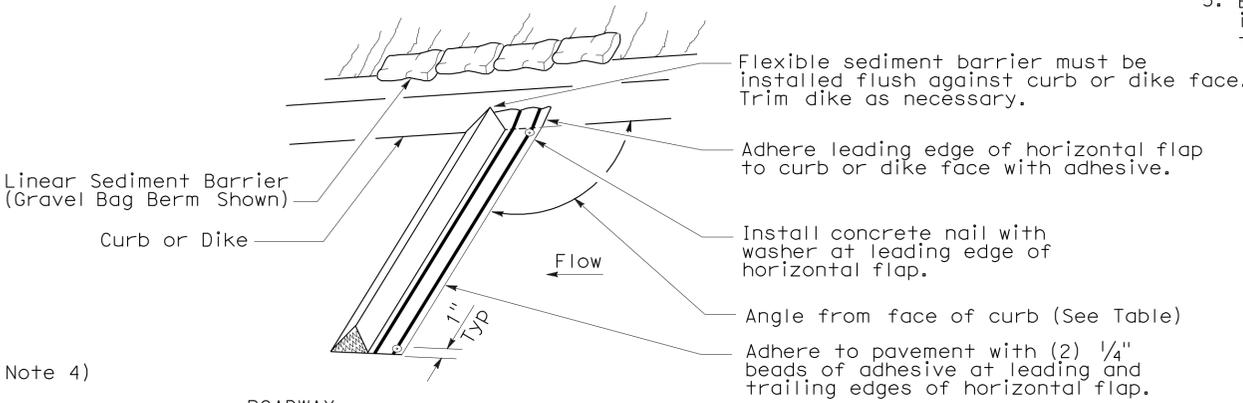
- See Standard Plan T51 for Temporary Silt Fence.
- Dimensions may vary to fit field conditions.
- Install a minimum of 3 flexible sediment barriers upstream of each drainage inlet to be protected.
- Position erosion control blanket or geosynthetic fabric at edge of concrete apron and secure in trench.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



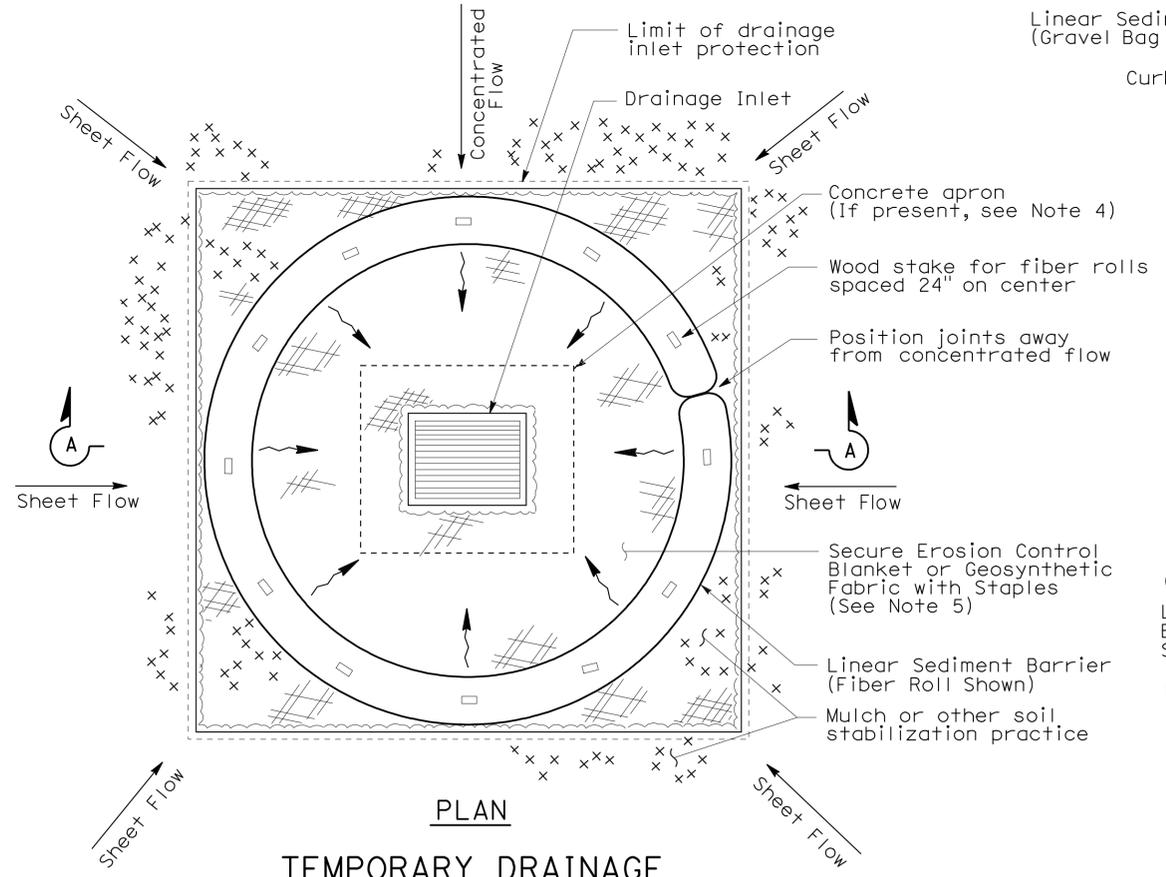
SECTION A-A



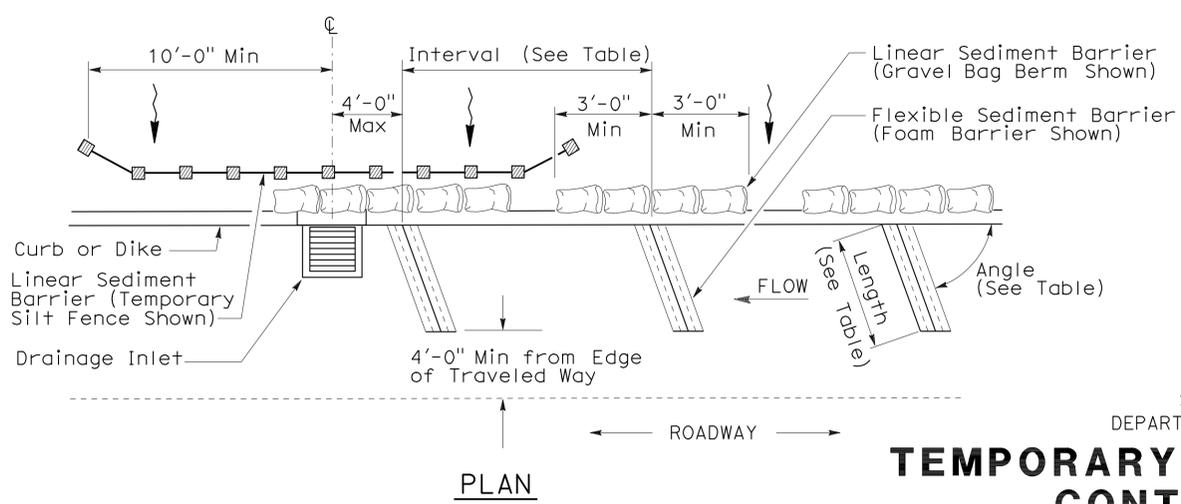
FLEXIBLE SEDIMENT BARRIER DETAIL (FOAM BARRIER SHOWN)



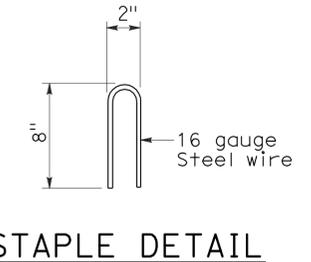
PERSPECTIVE



TEMPORARY DRAINAGE INLET PROTECTION (TYPE 4A)



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



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

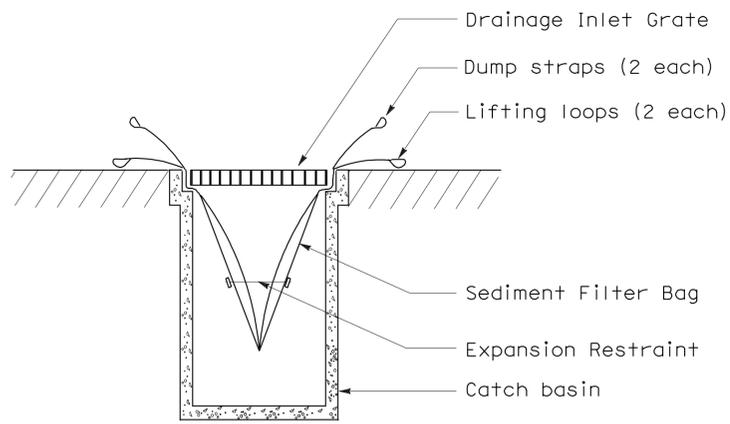
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala	260	R1.1/R1.9	13	17

*Robert B. Schott*  
 LICENSED LANDSCAPE ARCHITECT

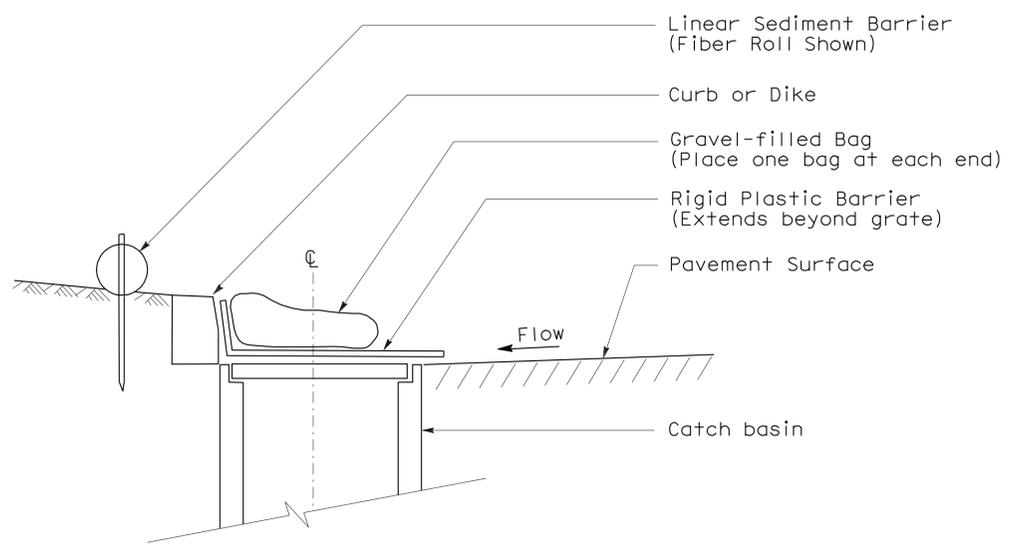
August 15, 2008  
 PLANS APPROVAL DATE

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.

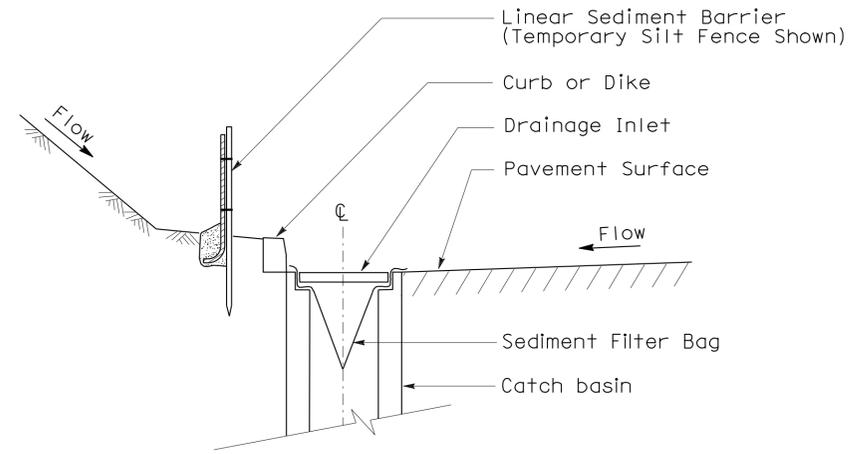
To accompany plans dated 3-22-10



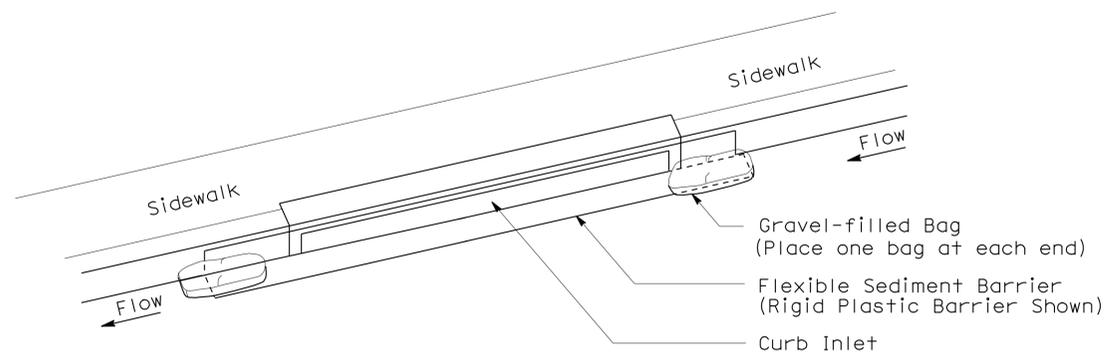
SECTION B-B  
SEDIMENT FILTER BAG DETAIL



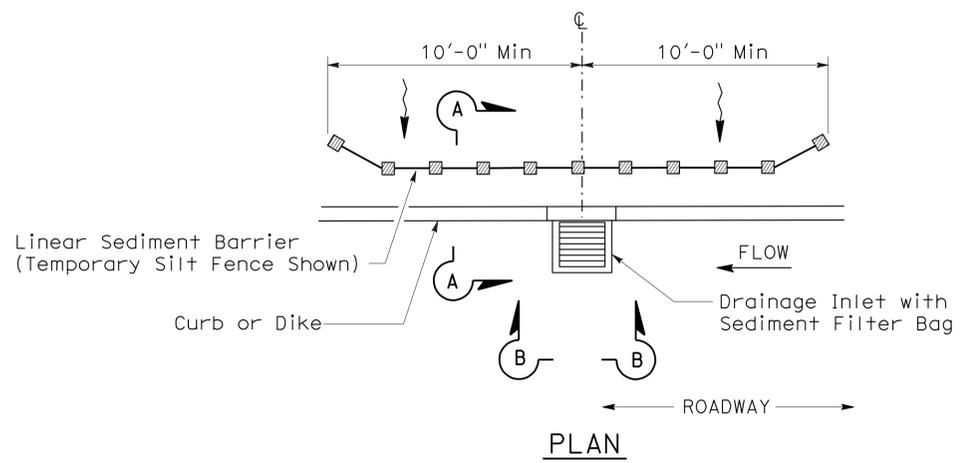
SECTION  
TEMPORARY DRAINAGE  
INLET PROTECTION (TYPE 6A)  
(CATCH BASIN WITH GRATE)



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.

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

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

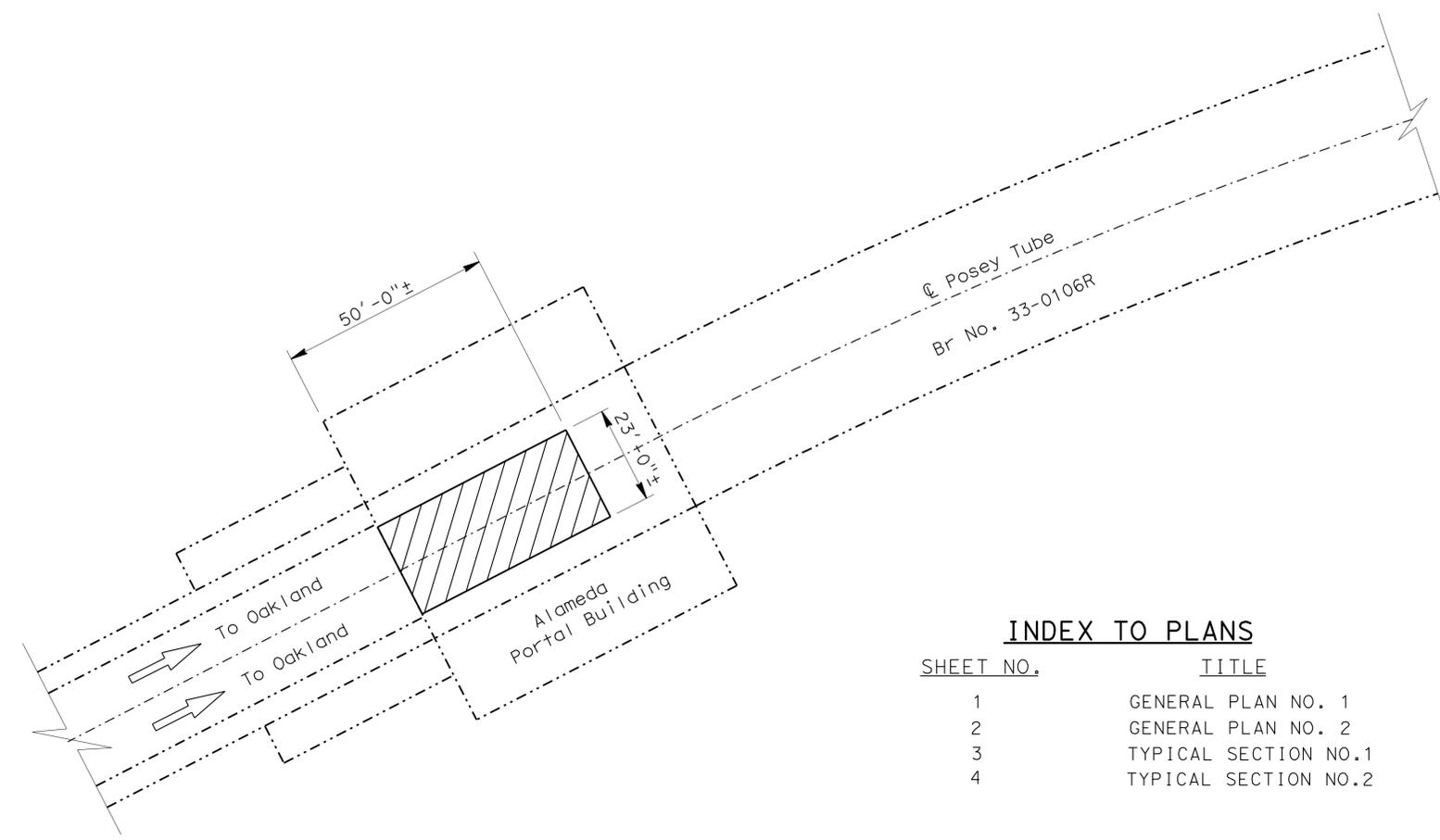
NO SCALE

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	Ala	260	R1.1/R1.9	14	17
Thomas J. Bolla REGISTERED CIVIL ENGINEER			01-20-10 DATE		
3-15-10			PLANS APPROVAL DATE		
<small>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.</small>					



**NOTES:**

- Indicates existing.
- Indicates limits of remove existing 1"± depth sprayed fiber reinforced concrete overlay on tube ceiling. For details not shown, see TYPICAL SECTION NO. 1 sheet.

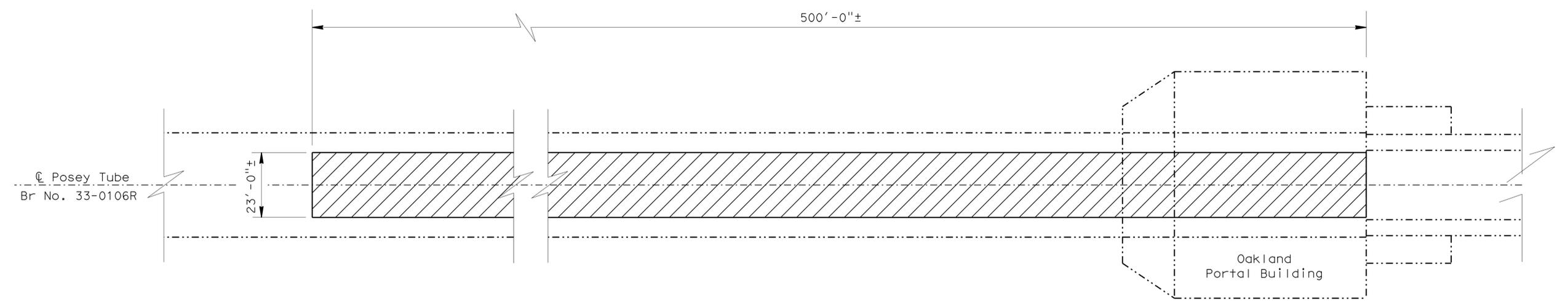
**INDEX TO PLANS**

SHEET NO.	TITLE
1	GENERAL PLAN NO. 1
2	GENERAL PLAN NO. 2
3	TYPICAL SECTION NO.1
4	TYPICAL SECTION NO.2

**STANDARD PLANS DATED MAY 2006**

SHEET NO.	TITLE
A10A	ACRONYMS AND ABBREVIATIONS (SHEET 1 OF 2)
A10B	ACRONYMS AND ABBREVIATIONS (SHEET 2 OF 2)

POSEY TUBE BRIDGE NO. 33-0106R  
 QUANTITIES  
 BRIDGE REMOVAL (PORTION), LOCATION A LUMP SUM



**PLAN**  
 1"=20'



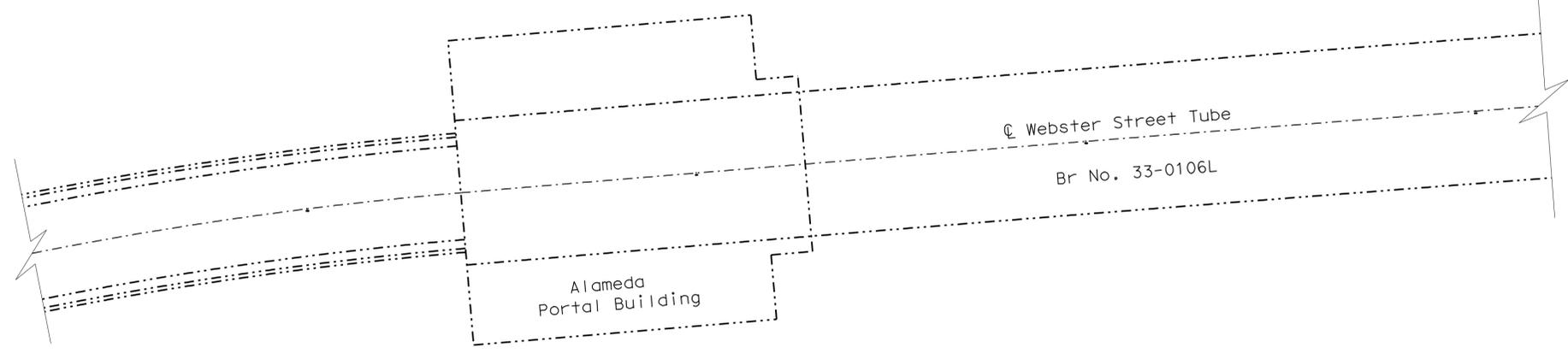
**NOTE:**  
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

	DESIGN	BY T. Bolla	CHECKED Hubert Dang	LAYOUT	BY Trung Lam	CHECKED Hubert Dang	<b>STATE OF CALIFORNIA</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DIVISION OF MAINTENANCE</b> <b>STRUCTURE MAINTENANCE DESIGN</b>	BRIDGE NO.	33-0106R	<b>POSEY AND WEBSTER STREET TUBES</b> <b>GENERAL PLAN NO. 1</b>
	DETAILS	BY Trung Lam	CHECKED Hubert Dang	SPECIFICATIONS	BY Kimberly Mori	CHECKED Kimberly Mori			POST MILE	R1.12	
	QUANTITIES	BY T. Bolla	CHECKED Hubert Dang								
<small>STRUCTURES MAINTENANCE GENERAL PLAN &amp; DETAIL SHEET (ENGLISH) (REV. 10/17/07)</small>							<small>ORIGINAL SCALE IN INCHES FOR REDUCED PLANS</small>	<small>CU 04609</small> <small>EA 2E0201</small>	<small>DISREGARD PRINTS BEARING EARLIER REVISION DATES</small>	<small>REVISION DATES</small>	<small>SHEET 1 OF 4</small>

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala	260	R1.1/R1.9	15	17

Thomas J. Bolla 01-20-10  
 REGISTERED CIVIL ENGINEER DATE  
 3-15-10  
 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.

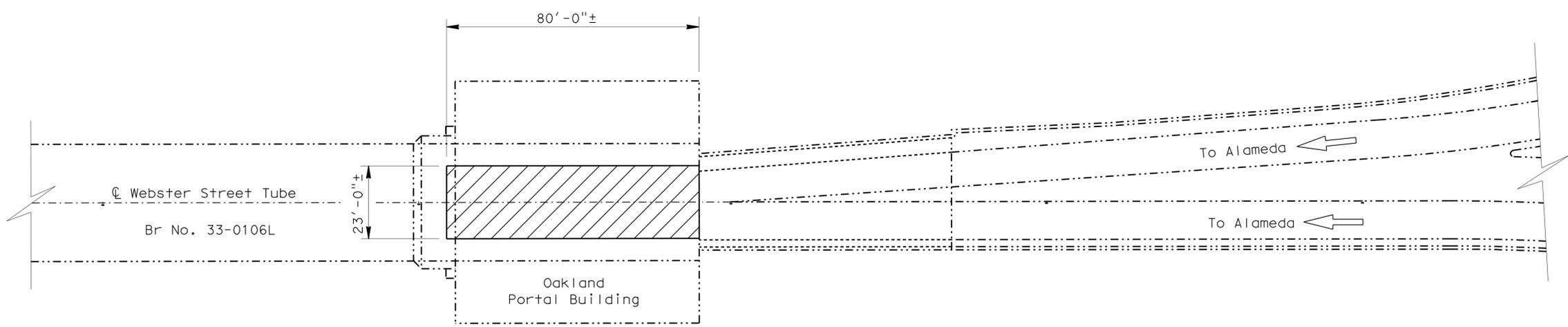
REGISTERED PROFESSIONAL ENGINEER  
 THOMAS J. BOLLA  
 No. 43811  
 Exp. 6-30-11  
 CIVIL  
 STATE OF CALIFORNIA



WEBSTER STREET TUBE BRIDGE NO. 33-0106L  
 QUANTITIES  
 BRIDGE REMOVAL (PORTION), LOCATION B LUMP SUM

NOTES:

- Indicates existing.
- Indicates limits of remove existing 1"± depth sprayed fiber reinforced concrete overlay on tube ceiling. For details not shown, see TYPICAL SECTION NO. 2 sheet.



**PLAN**  
 1"=20'

NOTE:  
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

 DESIGN ENGINEER	DESIGN	BY T. Bolla	CHECKED Hubert Dang	LAYOUT	BY Trung Lam	CHECKED Hubert Dang	<b>STATE OF CALIFORNIA</b> DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE <b>STRUCTURE MAINTENANCE DESIGN</b>	BRIDGE NO.	<b>POSEY AND WEBSTER STREET TUBES</b> GENERAL PLAN NO. 2		
	DETAILS	BY Trung Lam	CHECKED Hubert Dang	SPECIFICATIONS	BY Kimberly Mori	CHECKED Kimberly Mori			POST MILE			
	QUANTITIES	BY T. Bolla	CHECKED Hubert Dang					R1.20				
STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)							ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	CU 04609 EA 2E0201	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET 2 OF 4

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala	260	R1.1/R1.9	16	17

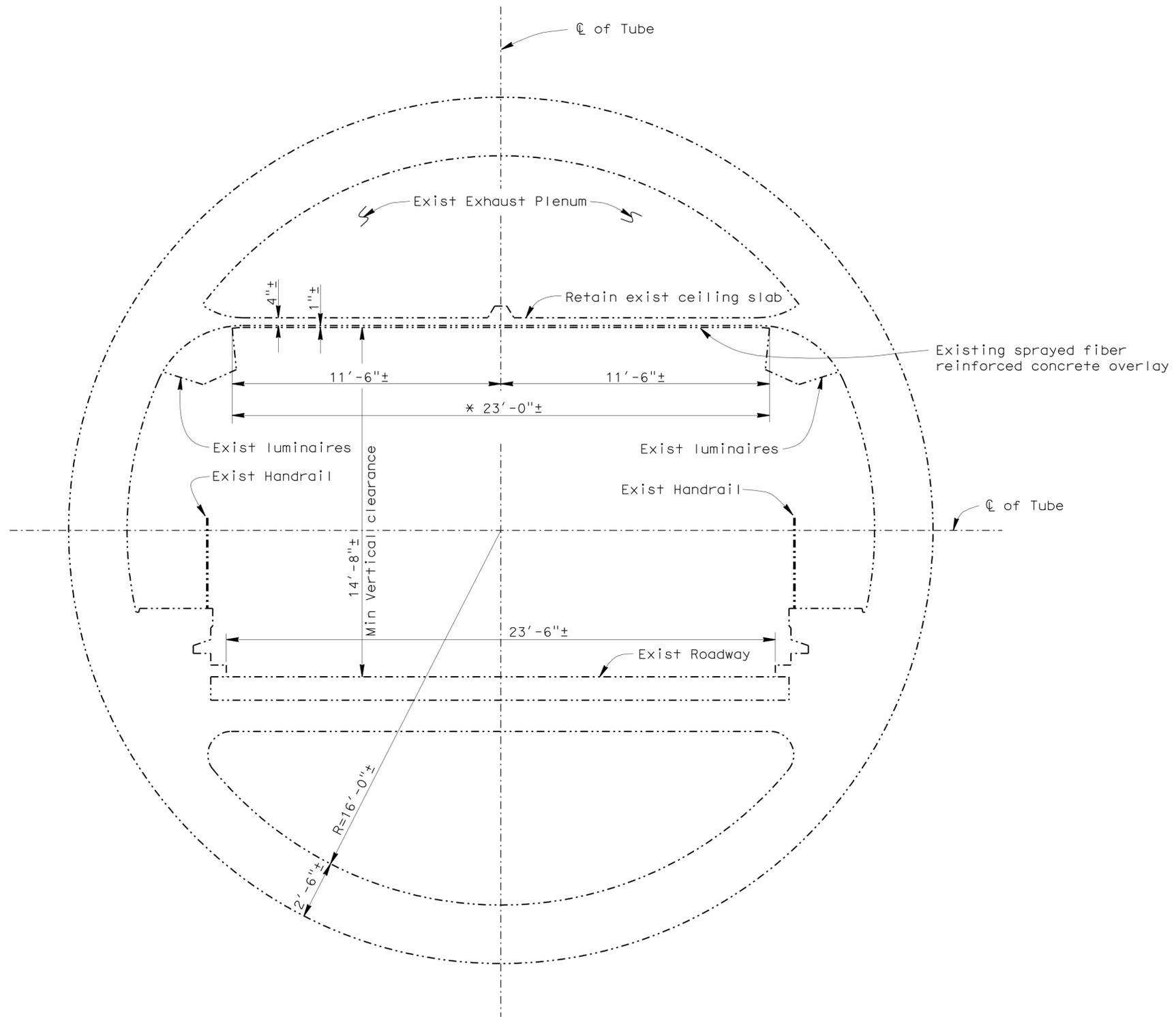
  

REGISTERED CIVIL ENGINEER	DATE
Thomas J. Bolla	01-20-10
PLANS APPROVAL DATE	
3-15-10	

REGISTERED PROFESSIONAL ENGINEER
THOMAS J. BOLLA
No. 43811
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 ELECTRONIC COPIES OF THIS PLAN SHEET.



NOTES:  
 ----- Indicates existing.  
 \* Indicates limits of remove existing 1"± depth sprayed fiber reinforced concrete overlay.

**POSEY TUBE-TYPICAL SECTION**

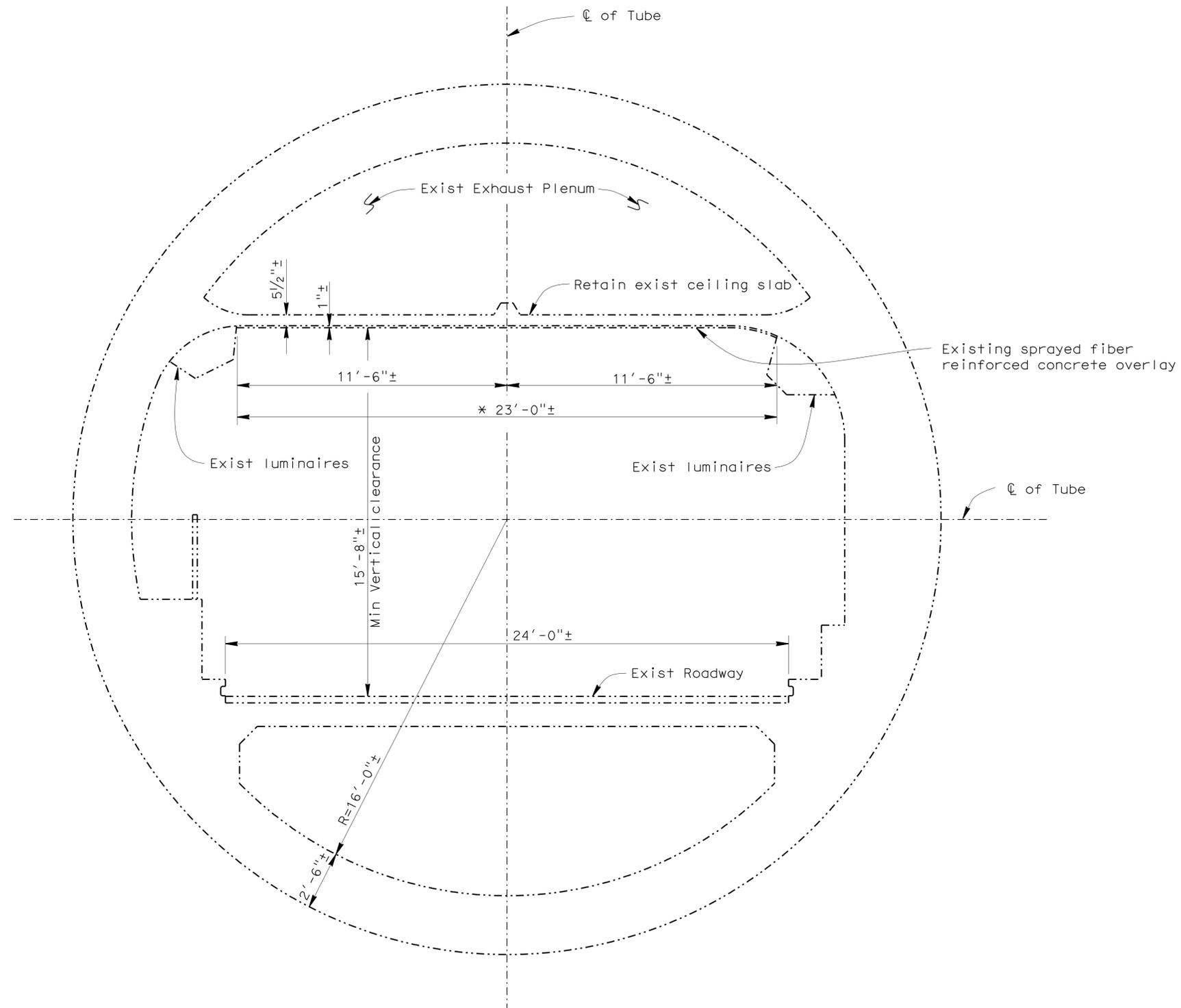
$\frac{3}{8}'' = 1'$

NOTE:  
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)	DESIGN	BY T. Bolla	CHECKED Hubert Dang	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	POSEY AND WEBSTER STREET TUBES TYPICAL SECTION NO. 1	
	DETAILS	BY Trung Lam	CHECKED Hubert Dang			33-0106R		
	QUANTITIES	BY T. Bolla	CHECKED Hubert Dang			POST MILE R1.12		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0 1 2 3	CU 04609 EA 2E0201	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES	SHEET 3 OF 4

USERNAME => HSTFK DATE PLOTTED => 18-MAR-2010 TIME PLOTTED => 13:13

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	Ala	260	R1.1/R1.9	17	17
Thomas J. Bolla REGISTERED CIVIL ENGINEER		01-20-10 DATE			
3-15-10 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.			



**NOTES:**

----- Indicates existing.

\* Indicates limits of remove existing 1"± depth sprayed fiber reinforced concrete overlay.

**WEBSTER STREET TUBE-TYPICAL SECTION**

$\frac{3}{8}'' = 1'$

**NOTE:**  
 THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

STRUCTURES MAINTENANCE GENERAL PLAN & DETAIL SHEET (ENGLISH) (REV. 10/17/07)	DESIGN	BY T. Bolla	CHECKED Hubert Dang	<b>STATE OF CALIFORNIA</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>DIVISION OF MAINTENANCE</b> <b>STRUCTURE MAINTENANCE DESIGN</b>	BRIDGE NO.	<b>POSEY AND WEBSTER STREET TUBES</b> <b>TYPICAL SECTION NO. 2</b>	
	DETAILS	BY Trung Lam	CHECKED Hubert Dang			33-0106L		
	QUANTITIES	BY T. Bolla	CHECKED Hubert Dang			R1.20		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0 1 2 3	CU 04609 EA 2E0201	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES 10-08-09 01-13-10 01-20-10	SHEET 4 OF 4