Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	1	22

INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2-4	CONSTRUCTION DETAILS
5	CONSTRUCTION AREA SIGNS
6	TRAFFIC HANDLING PLAN
7-11	SIGN PLANS
12-16	SUMMARY OF QUANTITIES
17-22	REVISED AND NEW STANDARD PLANS

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

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

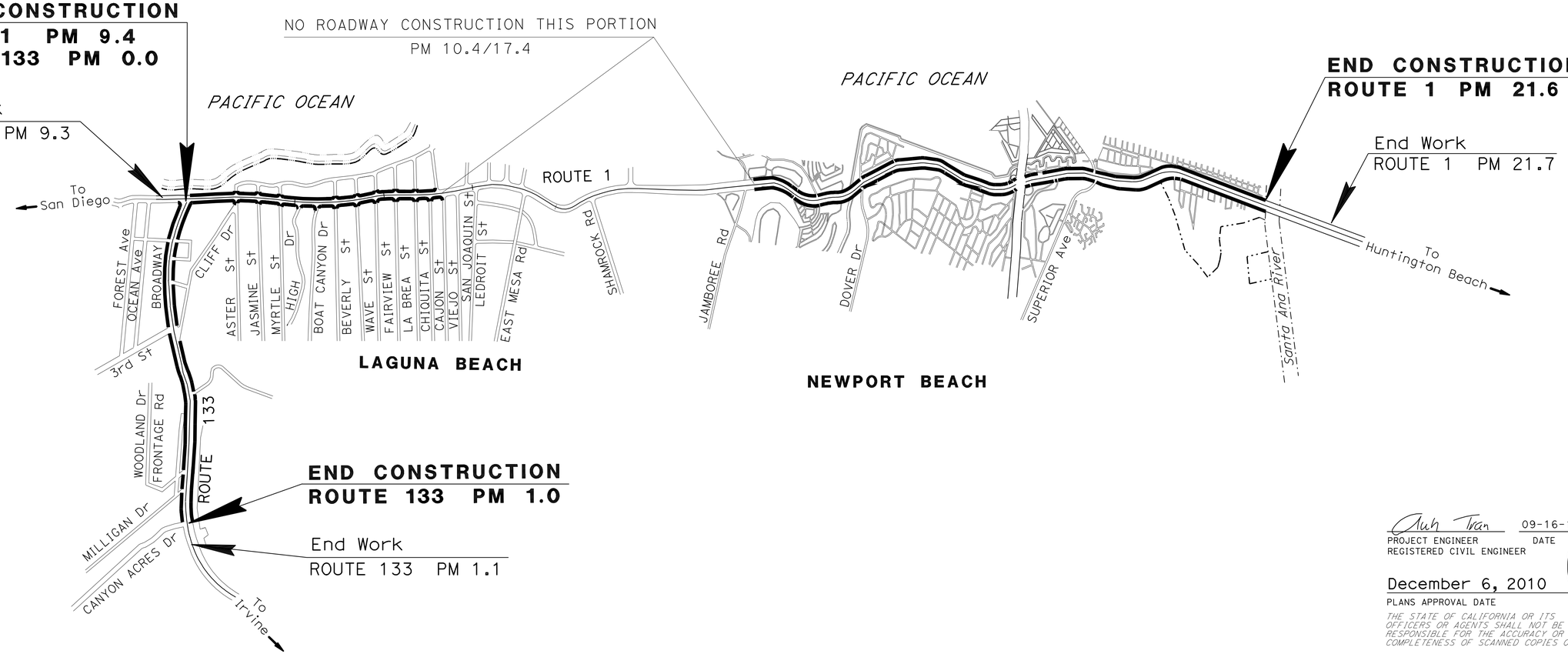
PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY

IN ORANGE COUNTY IN LAGUNA BEACH AND NEWPORT BEACH AT VARIOUS LOCATIONS ON ROUTE 1 FROM ROUTE 1/133 SEPARATION TO SANTA ANA RIVER AND ON ROUTE 133 FROM ROUTE 1/133 SEPARATION TO CANYON ACRES DRIVE

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

LOCATION MAP



NO SCALE

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

PROJECT MANAGER: MASSOUD TAJIK

DESIGN ENGINEER: ANH TRAN

Anh Tran 09-16-10
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

December 6, 2010
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ANH P. TRAN No. C56206 Exp. 12-31-10 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.

CONTRACT No.	12-0L1404
PROJECT ID	1200020025

LAST REVISION 09-14-10 DATE PLOTTED => 06-DEC-2010 TIME PLOTTED => 11:12

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	2	22

REGISTERED CIVIL ENGINEER — DATE: 09-16-10

12-6-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANH P. TRAN — No. C56206 — Exp. 12-31-10 — 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.

NOTES:

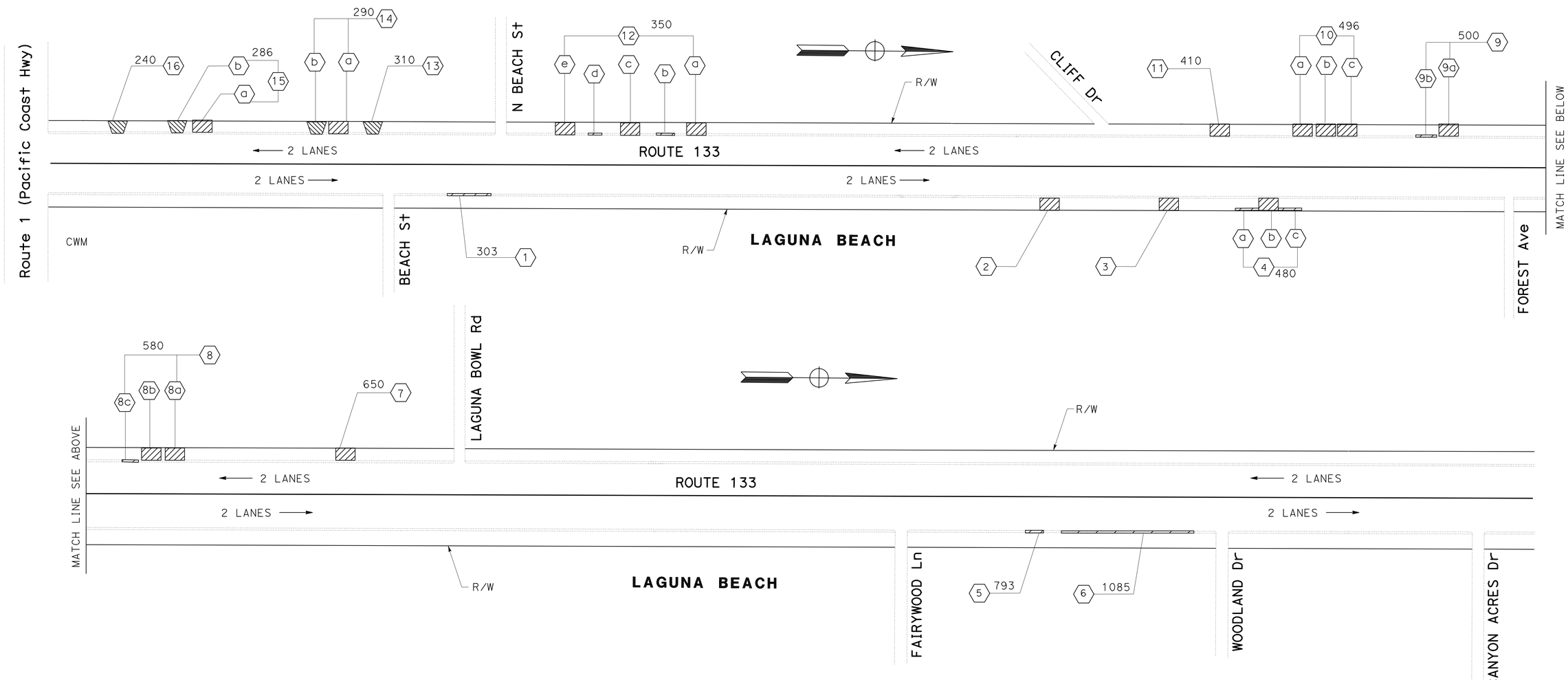
1. FOR DIMENSIONS OF REMOVAL AND PLACEMENT OF CONCRETE SIDEWALK, DRIVEWAY, AND CURB, SEE QUANTITIES SHEETS.
2. EXACT LOCATION OF CONCRETE TO BE REMOVED WILL BE DETERMINED BY THE ENGINEER.
3. FOR COMPLETE RIGHT OF WAY AND ACCURATE ACCESS DATA, SEE RIGHT OF WAY MAPS AT DISTRICT OFFICE.
4. ALL TRAFFIC SIGNAL POLES, PULL BOXES, VALVE BOXES SHALL BE PROTECTED IN PLACE.
5. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
6. MATCH EXISTING CURB DIMENSIONS AND FLOW LINE GRADE IN THE FIELD.
7. EXACT LOCATIONS OF Temp Conc WASHOUT FACILITY TO BE DETERMINED BY THE ENGINEER.

LEGEND:

- REMOVE CONCRETE SIDEWALK / MINOR CONCRETE SIDEWALK
- REMOVE CONCRETE CURB / MINOR CONCRETE CURB
- REMOVE CONCRETE DRIVEWAY / MINOR CONCRETE DRIVEWAY
- (X) LOCATION NUMBER, SEE SUMMARY OF QUANTITIES FOR APPROXIMATE DIMENSIONS
- 303 ADDRESS ON CITY STREET
- → DIRECTION OF TRAFFIC
- CWM Temp Conc WASHOUT FACILITY

TEMPORARY WATER POLLUTION CONTROL QUANTITIES

TEMPORARY DRAINAGE INLET PROTECTION
EA
20



ROUTE 133

LOCATIONS (1) THROUGH (16)

CONSTRUCTION DETAILS

NO SCALE

C-1

REVISED BY	DATE REVISED	CALCULATED-DESIGNED BY	CHECKED BY	FUNCTIONAL SUPERVISOR
A TRAN		MIMI CHAU	ANH TRAN	MASSOUD TAJIK

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans — MAINTENANCE

LAST REVISION 09-14-10 — DATE PLOTTED => 06-DEC-2010 — TIME PLOTTED => 11:11

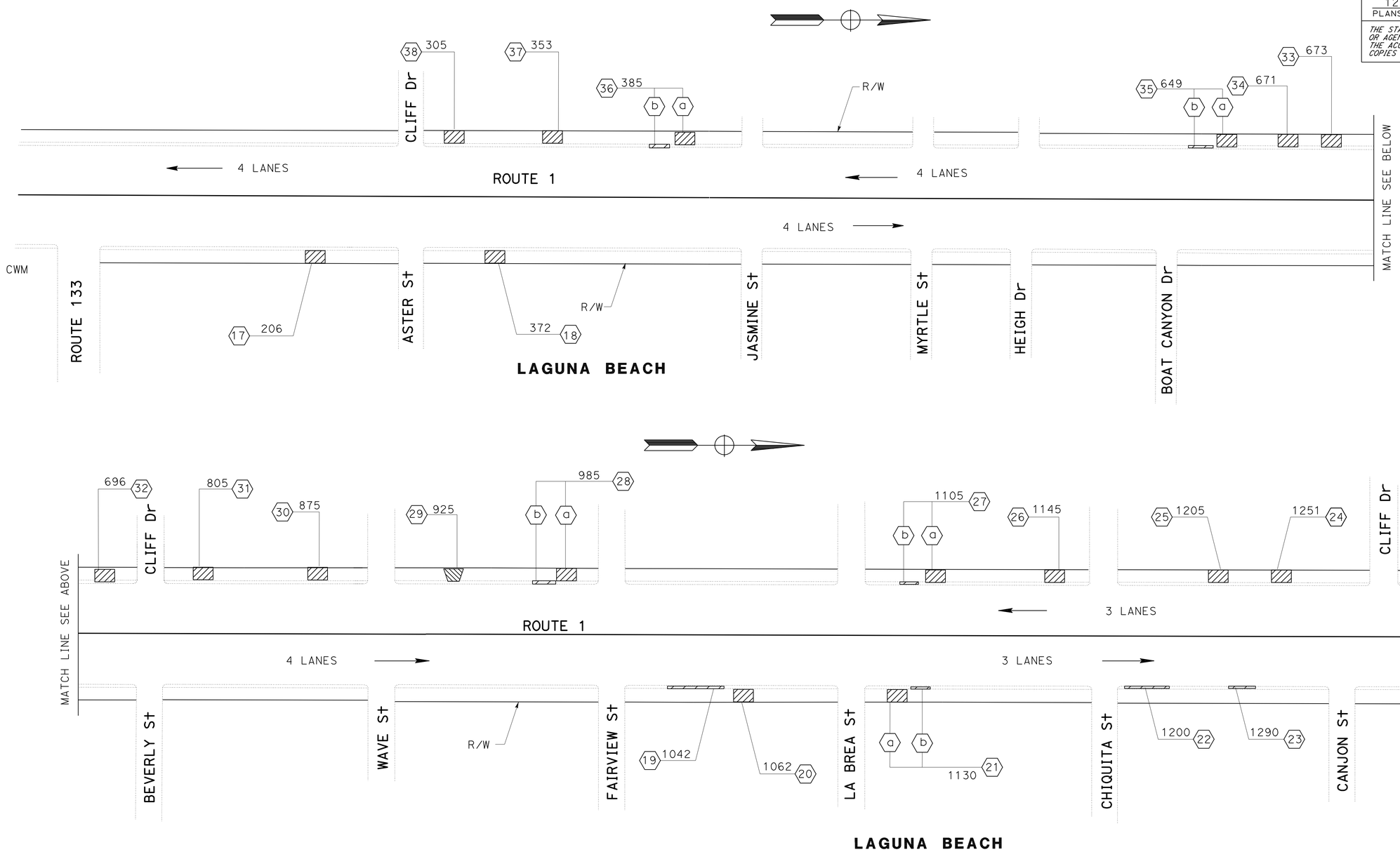
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	3	22

Anh Tran 09-16-10
REGISTERED CIVIL ENGINEER DATE

12-6-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANH P. TRAN
No. C56206
Exp. 12-31-10
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.



ROUTE 1 (PACIFIC COAST Hwy)

LOCATIONS 17 THROUGH 38

CONSTRUCTION DETAILS

NO SCALE

C-2

REVISED BY	DATE REVISED
A TRAN	

CALCULATED-DESIGNED BY	CHECKED BY
MIMI CHAU	ANH TRAN

FUNCTIONAL SUPERVISOR: MASSOUD TAJIK

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
MAINTENANCE

LAST REVISION 09-03-10
DATE PLOTTED => 06-DEC-2010
TIME PLOTTED => 11:11

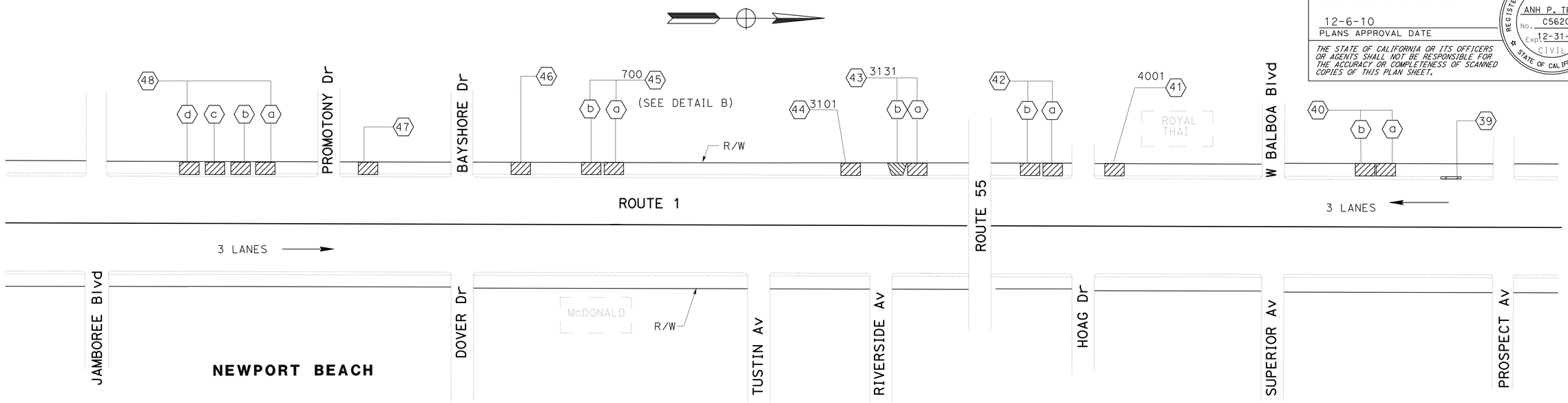
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	4	22

Anh Tran 09-16-10
REGISTERED CIVIL ENGINEER DATE

12-6-10
PLANS APPROVAL DATE

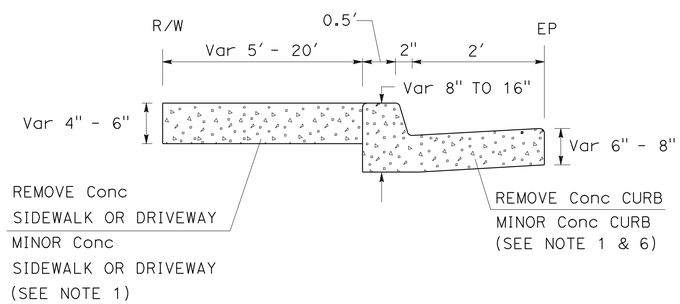
REGISTERED PROFESSIONAL ENGINEER
ANH P. TRAN
No. C56206
Exp. 12-31-10
CIVIL
STATE OF CALIFORNIA

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.



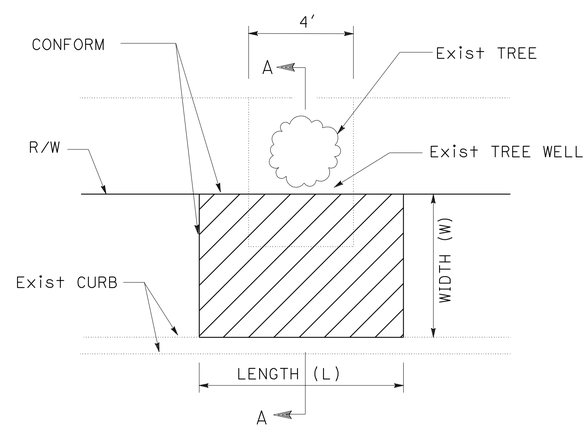
ROUTE 1 (PACIFIC COAST Hwy)

LOCATIONS (39) THROUGH (48)



DETAIL A

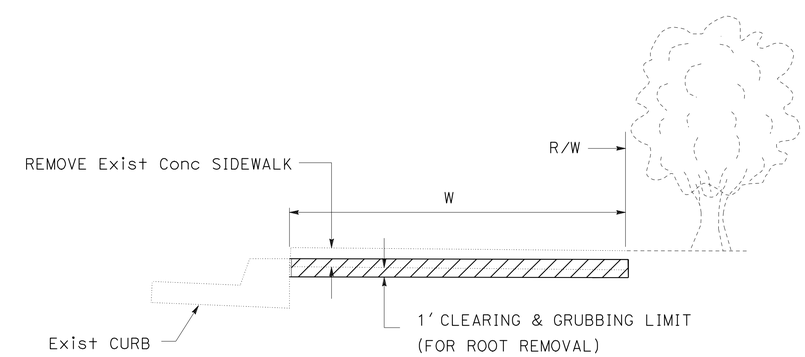
CONTINUOUS CURB & SIDEWALK



DETAIL B

SIDEWALK DETAIL AT TREE LOCATION

LOCATIONS (45)



SECTION A-A

CONSTRUCTION DETAILS

NO SCALE

C-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
MAINTENANCE

FUNCTIONAL SUPERVISOR: MASSOUD TAJIK
CALCULATED-DESIGNED BY: MIMI CHAU
CHECKED BY: ANH TRAN
REVISED BY: A TRAN
DATE REVISED:

LAST REVISION 09-14-10
DATE PLOTTED => 06-DEC-2010
TIME PLOTTED => 11:02

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	5	22

REGISTERED CIVIL ENGINEER — Anh Tran — DATE 09-16-10

PLANS APPROVAL DATE 12-6-10

REGISTERED PROFESSIONAL ENGINEER — ANH P. TRAN — No. C56206 — Exp. 12-31-10 — 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.

NOTES:

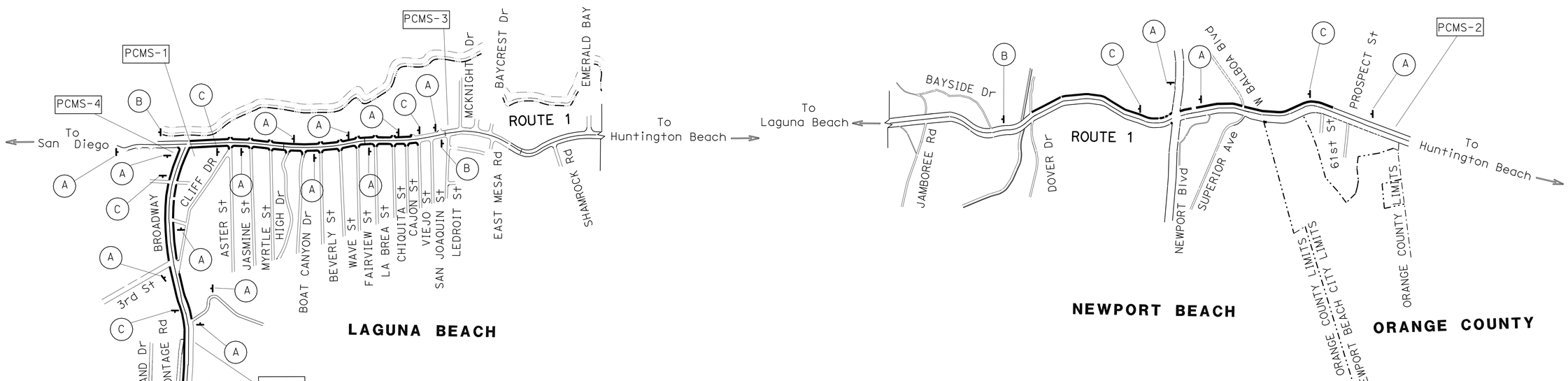
1. LOCATIONS OF CONSTRUCTION AREA SIGNS AND PCMS SHOWN ARE APPROXIMATE. EXACT LOCATION TO BE DETERMINED BY THE ENGINEER.
2. EXACT MESSAGE TO BE DISPLAYED ON THE PCMS WILL BE DETERMINED BY THE ENGINEER IN COORDINATION WITH THE TRAFFIC MANAGEMENT.
3. FOR ADDITIONAL QUANTITIES OF CONSTRUCTION AREA SIGNS, SEE SHEET THD-1.

LEGEND:

- CONSTRUCTION AREA SIGN, 1 - POST
- CONSTRUCTION AREA SIGN, 2 - POST
- PCMS — PORTABLE CHANGEABLE MESSAGE SIGN

CONSTRUCTION AREA SIGNS (STATIONARY MOUNTED)

SIGN No.	SIGN CODE	PANEL SIZE	SIGN MESSAGE	No. OF POST AND SIZE	QUANTITY
A	W20-1	48" x 48"	ROAD WORK AHEAD	1-4" x 6"	16
B	G20-2	60" x 24"	END ROAD WORK	2-4" x 4"	4
C	W11-1	24" x 24"	(BIKE SYMBOL)	1-4" x 6"	6
	W16-1	30" x 24"	SHARE THE ROAD		



CONSTRUCTION AREA SIGNS

NO SCALE

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

CS-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION — Caltrans — MAINTENANCE

FUNCTIONAL SUPERVISOR: MASSOUD TAJIK

CALCULATED-DESIGNED BY: MIMI CHAU — CHECKED BY: ANH TRAN

REVISED BY: A TRAN — DATE REVISED:

LAST REVISION 09-14-10 — DATE PLOTTED => 06-DEC-2010 — TIME PLOTTED => 11:02

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	6	22

REGISTERED CIVIL ENGINEER 09-16-10 DATE

12-6-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ANH P. TRAN No. C56206 Exp. 12-31-10 CIVIL STATE OF CALIFORNIA

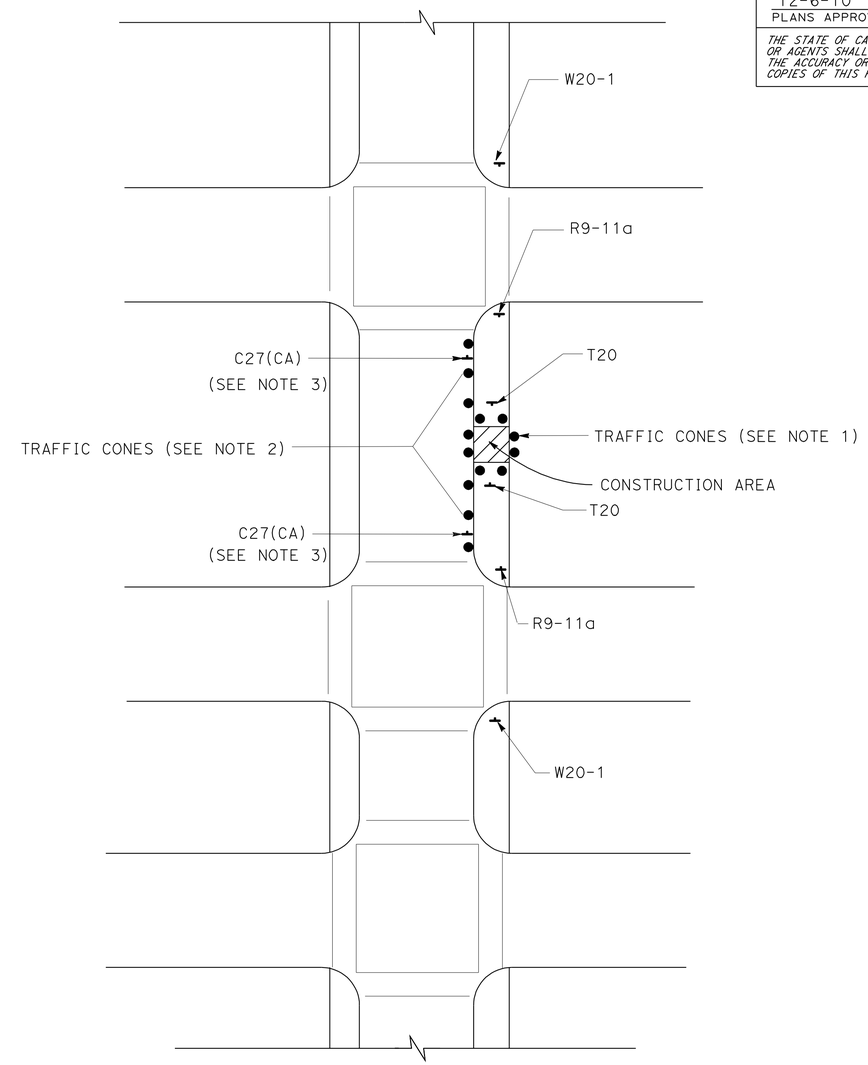
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. TRAFFIC CONES SHALL BE PLACED 5′ TO 10′ SPACING AT EACH SIDEWALK LOCATION AND SECURED WITH YELLOW TAPES AROUND.
2. TRAFFIC CONES SHALL BE PLACED 25′ SPACING AT CURB LOCATIONS.
3. SIGN C27(CA) MOUNTED ON BARRICADE (TYPE II) SHALL BE PLACED 50′ TO 100′ SPACING AT CURB LOCATIONS.
4. FOR ADDITIONAL QUANTITIES OF CONSTRUCTION AREA SIGNS, SEE SHEET CS-1.

T20

BACKGROUND : WHITE
LEGEND: BLACK
LETTER SIZE: 4"



TYPICAL SIDEWALK DETOUR AND SIGN WORK AT EACH REPAIR LOCATION

CONSTRUCTION AREA SIGN PANELS MOUNTED ON BARRICADE (TYPE I)

SIGN CODE	SIGN MESSAGE	TYPE I BARRICADE (EA)
W20-1	ROAD WORK AHEAD	40
R9-11a	SIDEWALK CLOSED, (ARROW) CROSS HERE	40
T20	SIDEWALK CLOSED	40
C27(CA)	OPEN TRENCH	27
TOTAL		147

TRAFFIC HANDLING DETAILS (SIDEWALK DETOUR)

NO SCALE

THD-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
MAINTENANCE

FUNCTIONAL SUPERVISOR: MASSOUD TAJIK
CALCULATED-DESIGNED BY: MIMI CHAU
CHECKED BY: ANH TRAN
REVISED BY: A TRAN
DATE REVISED:

LAST REVISION 09-14-10
DATE PLOTTED => 06-DEC-2010
TIME PLOTTED => 11:02

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	7	22

Anh Tran 09-16-10
REGISTERED CIVIL ENGINEER DATE

12-6-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ANH P. TRAN No. C56206 Exp. 12-31-10 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.

NOTE:

NEW ROADSIDE SIGN PANELS SHALL REPLACE EXISTING ROADSIDE SIGN PANELS THE SAME LOCATIONS.

ABBREVIATIONS:

B - BLACK
BR - BROWN
G - GREEN
R - RED
W - WHITE
Y - YELLOW

ROADSIDE SIGN QUANTITIES

DIRECTION	SIGN CODE	PANEL SIZE W x D	SIGN AREA	ROADSIDE SIGN REMOVE SIGN PANEL (N)	ROADSIDE SIGN INSTALL (ON EXISTING POST)	SIGN LOCATION
		INCH x INCH	SQFT	EA	EA	
NORTHBOUND	G8-22	30 X 30	6.3	1	1	SOUTH OF BROADWAY (LAGUNA CANYON ROAD)
	G28-2	30 X 31	6.5	1	2	NORTH OF BROADWAY
	M3-1	30 X 15	3.2	1		
	R3-1	36 X 36	9.0	1	1	CLIFF AND ASTER
	R73-5	36 X 36	9.0	1	1	BOAT CANYON
	R1-1	36 X 36	9.0	1	2	CAJON
	R3-2	36 X 36	9.0	1		
	R49	42 X 18	5.3	1	1	SOUTH OF VIEJO
	W2-2	48 X 48	16.0	1	2	EMERALD BAY
	W1-2	36 X 36	9.0	1		
	W11-3	36 X 36	9.0	1	1	NORTH OF EMERALD BAY
	R48-2	36 X 48	12.0	1	3	NORTH OF IRVINE COVE ENTRANCE
	R2 (50)	48 X 60	20.0	1		
	R4-7	48 X 60	20.0	1		
	R4-7	48 X 60	20.0	2	2	SOUTH OF EL MORO SCHOOL
	R73-5	36 X 36	9.0	1	1	REEF POINT
	R3-7	30 X 30	6.3	1	1	CRYSTAL COVE SHOPPING CENTER
	W8-5	48 X 48	16.0	1	3	SOUTH OF CRYSTAL COVE STATE PARK ENTRANCE / LOS TRANCOS
	G72	72 X 42	21.0	1		
	R2 (55)	48 X 60	20.0	1		
	R73-5	36 X 36	9.0	1	2	JAMBOREE
	R73-3	36 X 36	9.0	1		
	G28-2	30 X 31	6.5	1	2	NORTH OF JAMBOREE
	M3-1	30 X 15	3.2	1		
	W4-7	72 X 72	36.0	1	1	NORTH OF DOVER
	R73-5	36 X 36	9.0	1	1	BALBOA BAY CLUB
	R3-7	30 X 30	6.3	2	2	RIVERSIDE
	R3-7	30 X 30	6.3	2	2	TO NB ROUTE 55
SUBTOTAL (1)				31	31	

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

ROADSIDE SIGN QUANTITIES

DIRECTION	SIGN CODE	PANEL SIZE W x D	SIGN AREA	ROADSIDE SIGN REMOVE SIGN PANEL (N)	ROADSIDE SIGN INSTALL (ON EXISTING POST)	SIGN LOCATION
		INCH x INCH	SQFT	EA	EA	
NORTHBOUND	R3-7	30 X 30	6.3	2	3	TO SB ROUTE 55
	W4-14	72 X 72	36.0	1		
	W4-7	48 X 60	20.0	1	1	ROUTE 55 EXIT
	W3-3	48 X 48	16.0	1	1	NORTH OF ROUTE 55
	R73-5	36 X 36	9.0	1	1	HOAG HOSPITAL ENTRANCE
	R4-7	48 X 60	20.0	1	1	
	W2-2	48 X 48	16.0	1	1	NORTH OF SUPERIOR
	G28-2	30 X 31	6.5	1	1	
	M3-1	30 X 15	3.2	1	1	
	R4-7	48 X 60	20.0	1	1	61st
	R4-7A	36 X 48	12.0	1	1	SOUTH OF NEWPORT BRIDGE
	R2 (55)	48 X 60	20.0	1	1	NORTH OF HUNTINGTON BEACH CITY LIMIT
SOUTHBOUND	G28-2	30 X 31	6.5	1	2	SOUTH OF SANTA ANA RIVER BRIDGE
	M3-3	30 X 15	3.2	1		
	M6-6	21 X 15	2.2	1	1	PROSPECT
	R81	24 X 18	3.0	2	3	SOUTH OF PROSPECT
	R4-7	48 X 60	20.0	1		
	R4-7	48 X 60	20.0	1	3	ENTRANCE SOUTH OF PROSPECT
	R81	24 X 18	3.0	1		
	W1-2 (R)	48 X 48	16.0	1		
	R73-6	36 X 36	9.0	1	1	BALBOA
	R81	24 X 18	3.0	1	1	SOUTH OF BALBOA
	R4-7	48 X 60	20.0	1	3	BALBOA COVE
	R6-1R	54 X 18	6.8	1		
	R81	24 X 18	3.0	1		
	R3-7	30 X 30	6.3	2	2	TO SB ROUTE 55
	W3-1	48 X 48	16.0	1	2	OFF-RAMP TO SB ROUTE 55
	R3-5 (R)	30 X 36	7.5	1		
	W4-18 (20)	72 X 72	36.0	1	1	RAMP FROM NB ROUTE 55
SUBTOTAL (2)				32	32	

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

SIGN QUANTITIES

SQ-1

REVISED BY	DATE REVISED	CALCULATED-DESIGNED BY	CHECKED BY	FUNCTIONAL SUPERVISOR
A TRAN		MIMI CHAU	ANH TRAN	MASSOUD TAJIK

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE

LAST REVISION 09-14-10 | DATE PLOTTED => 06-DEC-2010 | TIME PLOTTED => 11:11

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	8	22

Anh Tran 09-16-10
REGISTERED CIVIL ENGINEER DATE

12-6-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANH P. TRAN
No. C56206
Exp. 12-31-10
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.

ROADSIDE SIGN QUANTITIES

DIRECTION	SIGN CODE	PANEL SIZE W x D	SIGN AREA	REMOVE ROADSIDE SIGN PANEL (N)	INSTALL ROADSIDE SIGN PANEL ON EXISTING POST	SIGN LOCATION
		INCH x INCH	SQFT	EA	EA	
SOUTHBOUND	W3-3	48 X 48	16.0	1	1	NORTH OF BALBOA BAY CLUB
	R9-3A	30 X 30	6.3	1	1	BALBOA BAY CLUB
	R9-3A	30 X 30	6.3	1	2	BAYSIDE Dr
	R73-2	36 X 36	9.0	1		
	R3-18	36 X 36	9.0	1	1	PROMONTORY POINT
	R73-2	36 X 36	9.0	1	3	JAMBOREE
	R73-3	45 X 45	14.1	2		
	G72	72 X 42	21.0	1	1	SOUTH OF PELICAN POINT
	G72	72 X 42	21.0	1	2	NORTH OF CRYSTAL COVE STATE PARK ENTRANCE / LOS TRANCOS
	R2 (55)	48 X 60	20.0	1		
	R3-2	36 X 36	9.0	1	1	MERGE FROM CRYSTAL COVE
	G72	72 X 42	21.0	1	1	NORTH OF REEF POINT
	R2 (55)	48 X 60	20.0	1	1	SOUTH OF REEF POINT
	W2-2	48 X 48	16.0	1	6	EL MORO SCHOOL ENTRANCE
	S4-3	48 X 16	5.4	1		
	R4-7	48 X 60	20.0	1		
	R9-3A	30 X 30	6.3	1		
	R9-3	12 X 18	1.5	2		
	R73-3	45 X 45	14.1	1	1	(ON MAST ARM)
	R4-7	48 X 60	20.0	1	1	SOUTH OF EL MORO
	R2 (30)	48 X 60	20.0	1	1	NORTH OF CLIFF/ASTER
	R3-4	36 X 36	9.0	1	1	CLIFF/ASTER (ON MAST ARM)
	R10-12	24 X 30	5.0	1	2	BROADWAY (ON MAST ARM)
	R3-4	36 X 36	9.0	1		
	R9-3	30 X 30	6.3	1	1	BROADWAY (FACING ROUTE 133)
	G28-2	30 X 31	6.5	1	2	SOUTH OF BROADWAY
	M3-3	30 X 15	3.2	1		
SUB-TOTAL					29	
SUB-TOTAL (2)					32	
SUB-TOTAL (1)					31	
TOTAL					92	

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

SIGN QUANTITIES

SQ-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE

FUNCTIONAL SUPERVISOR: MASSOUD TAJIK
CALCULATED-DESIGNED BY: MIMI CHAU
CHECKED BY: ANH TRAN
REVISED BY: A TRAN
DATE REVISED:

LAST REVISION 09-14-10 | DATE PLOTTED => 06-DEC-2010 | TIME PLOTTED => 12:45

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	9	22

REGISTERED CIVIL ENGINEER — DATE: 09-16-10

12-6-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — ANH P. TRAN — No. C56206 — Exp. 12-31-10 — 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.

MATERIAL SUMMARY - CONTRACTOR FURNISHED SIGN

DIRECTION	SIGN CODE	PANEL SIZE W x D (INCH x INCH)	SIGN AREA (SQFT)	SINGLE FACED	BACKGROUND SHEETING COLOR	BACKGROUND RETRO-REFLECTIVE	LEGEND SHEETING COLOR	LEGEND RETRO-REFLECTIVE	GRAFFITI FILM STANDARD	GRAFFITI FILM PREMIUM	SINGLE SHEET ALUMINUM SIGN UNFRAMED 0.063" (SQFT)	SINGLE SHEET ALUMINUM SIGN UNFRAMED 0.080" (SQFT)	SINGLE SHEET ALUMINUM SIGN FRAMED 0.063" (SQFT)	OBJECT MARKER TYPE N-1 (EA)	SIGN LOCATION
NORTHBOUND	G8-22	30 X 30	6.3	X	G	III	W	X		X	6.3				SOUTH OF BROADWAY (LAGUNA CANYON ROAD)
	G28-2	30 X 31	6.5	X	G	IX	W	X		X	6.5				NORTH OF BROADWAY
	M3-1	30 X 15	3.2	X	G	IX	W	X		X	3.2				
	R3-1	36 X 36	9.0	X	W	IX	B/R	X	X		9.0				CLIFF AND ASTER
	R73-5	36 X 36	9.0	X	W	III	B	X		X	9.0				BOAT CANYON
	R1-1	36 X 36	9.0	X	W	III	R	X		X	9.0				CAJON
	R3-2	36 X 36	9.0	X	W	IX	B/R	X	X	X	9.0				
	R49	42 X 18	5.3	X	W	III	B	X		X		5.3			SOUTH OF VIEJO
	W2-2	48 X 48	16.0	X	Y	III	B	X		X	16.0				EMERALD BAY
	W1-2	36 X 36	9.0	X	Y	III	B	X		X	9.0				
	W11-3	36 X 36	9.0	X	Y	III	B	X		X	9.0				NORTH OF EMERALD BAY
	R48-2	36 X 48	12.0	X	W	III	B	X		X	12.0				NORTH OF IRVINE COVE ENTRANCE
	R2 (50)	48 X 60	20.0	X	W	III	B	X		X		20.0			
	R4-7	48 X 60	20.0	X	W	III	B	X		X		20.0			
	R4-7	48 X 60	20.0	X	W	III	B	X		X		40.0			SOUTH OF EL MORO SCHOOL
														1	
	R73-5	36 X 36	9.0	X	W	III	B	X		X	9.0				REEF POINT
	R3-7	30 X 30	6.3	X	W	III	B	X		X	6.3				CRYSTAL COVE SHOPPING CENTER
	W8-5	48 X 48	16.0	X	Y	III	B	X		X		16.0			SOUTH OF CRYSTAL COVE STATE PARK ENTRANCE / LOS TRANCOS
	G72	72 X 42	21.0	X	BR	III	W	X		X			21.0		
	R2 (55)	48 X 60	20.0	X	W	III	B	X		X		20.0			
	R73-5	36 X 36	9.0	X	W	III	B	X		X	9.0				JAMBOREE
	R73-3	36 X 36	9.0	X	W	III	B	X		X	9.0				
	G28-2	30 X 31	6.5	X	G	IX	W	X		X	6.5				NORTH OF JAMBOREE
	M3-1	30 X 15	3.2	X	G	IX	W	X		X	3.2				
	W4-7	72 X 72	36.0	X	Y	III	B	X		X			36.0		NORTH OF DOVER
	R73-5	36 X 36	9.0	X	W	III	B	X		X	9.0				BALBOA BAY CLUB
	R3-7	30 X 30	6.3	X	W	III	B	X		X	12.6				RIVERSIDE
	R3-7	30 X 30	6.3	X	W	III	B	X		X	6.3				TO NB ROUTE 55
SUB-TOTAL											175.2	121.3	57.0	1	

G72

CRYSTAL COVE
STATE PARK
LOS TRANCOS AREA

SIGN QUANTITIES

SQ-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE

FUNCTIONAL SUPERVISOR: MASSOUD TAJIK
CALCULATED-DESIGNED BY: MIMI CHAU
CHECKED BY: ANH TRAN
REVISED BY: A TRAN
DATE REVISED:

LAST REVISION 09-14-10 | DATE PLOTTED => 06-DEC-2010 | TIME PLOTTED => 12:45

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	10	22

Anh Tran 09-16-10
REGISTERED CIVIL ENGINEER DATE

12-6-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ANH P. TRAN No. C56206 Exp. 12-31-10 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.

MATERIAL SUMMARY - CONTRACTOR FURNISHED SIGN

DIRECTION	SIGN CODE	PANEL SIZE W x D INCH x INCH	SIGN AREA SQFT	SINGLE FACED	BACKGROUND SHEETING COLOR	BACKGROUND RETRO-REFLECTIVE	LEGEND SHEETING COLOR	LEGEND RETRO-REFLECTIVE	GRAFFITI FILM STANDARD	GRAFFITI FILM PREMIUM	SINGLE SHEET ALUMINUM SIGN UNFRAMED 0.063" SQFT	SINGLE SHEET ALUMINUM SIGN UNFRAMED 0.080" SQFT	SINGLE SHEET ALUMINUM SIGN FRAMED 0.063" SQFT	OBJECT MARKER TYPE N-1 EA	SIGN LOCATION
NORTHBOUND	R3-7	30 X 30	6.3	X	W	III	B	X		X	6.3				TO SB ROUTE 55
	W4-14	72 X 72	36.0	X	W	III	B	X		X			36.0		
	W4-7	48 X 60	20.0	X	Y	III	B	X		X		20.0			ROUTE 55 EXIT
	W3-3	48 X 48	16.0	X	Y	IX	R/G/B	X		X		16.0			NORTH OF ROUTE 55
	R73-5	36 X 36	9.0	X	W	III	B	X		X	9.0				HOAG HOSPITAL ENTRANCE
	R4-7	48 X 60	20.0	X	Y	III	B	X		X		20.0			
	W2-2	48 X 48	16.0	X	Y	IX	B	X		X		16.0			NORTH OF SUPERIOR
	G28-2	30 X 31	6.5	X	G	IX	W	X		X	6.5				
	M3-1	30 X 15	3.2	X	G	IX	W	X		X	3.2				
	R4-7	48 X 60	20.0	X	Y	III	B	X		X		20.0			61st
	R4-7A	36 X 48	12.0	X	W	III	B	X		X		12.0			SOUTH OF NEWPORT BRIDGE
	R2 (55)	48 X 60	20.0	X	W	III	B	X		X		20.0			NORTH OF HUNTINGTON BEACH CITY LIMIT
SOUTHBOUND	G28-2	30 X 31	6.5	X	G	IX	W	X		X	6.5				SOUTH OF SANTA ANA RIVER BRIDGE
	M3-3	30 X 15	3.2	X	G	IX	W	X		X	3.2				
	M6-6	21 X 15	2.2	X	G	IX	W	X		X	2.2				PROSPECT
	R81	24 X 18	3.0	X	W	III	B	X		X	3.0				SOUTH OF PROSPECT
	R4-7	48 X 60	20.0	X	Y	III	B	X		X		20.0			
	R4-7	48 X 60	20.0	X	Y	III	B	X		X		20.0			
	R81	24 X 18	3.0	X	W	III	B	X		X	3.0				ENTRANCE SOUTH OF PROSPECT
	W1-2 (R)	48 X 48	16.0	X	Y	III	B	X		X		16.0			
	R73-6	36 X 36	9.0	X	W	III	B	X		X	9.0				BALBOA
	R81	24 X 18	3.0	X	W	III	B	X		X	3.0				SOUTH OF BALBOA
	R4-7	48 X 60	20.0	X	Y	III	B	X		X		20.0			
	R6-1R	54 X 18	6.8	X	B	III	W	X		X		6.8			BALBOA COVE
	R81	24 X 18	3.0	X	W	III	B	X		X	3.0				
	R3-7	30 X 30	6.3	X	W	III	B	X		X	6.3				TO SB ROUTE 55
	W3-1	48 X 48	16.0	X	Y	IX	W/R/B	X		X		16.0			OFF-RAMP TO SB ROUTE 55
	R3-5 (R)	30 X 36	7.5	X	W	III	B	X		X	7.5				
	W4-18 (20)	72 X 72	36.0	X	Y	III	B	X		X			36.0		RAMP FROM NB ROUTE 55
SUB-TOTAL											71.7	222.8	72.0		

SIGN QUANTITIES

SQ-4

REVISED BY	DATE REVISED
A TRAN	

CALCULATED-DESIGNED BY	CHECKED BY
MIMI CHAU	ANH TRAN

FUNCTIONAL SUPERVISOR: MASSOUD TAJIK

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE

LAST REVISION 09-14-10 | DATE PLOTTED => 06-DEC-2010 | TIME PLOTTED => 12:45

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	11	22

REGISTERED CIVIL ENGINEER 09-16-10 DATE

12-6-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ANH P. TRAN No. C56206 Exp. 12-31-10 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.

MATERIAL SUMMARY - CONTRACTOR FURNISHED SIGN

DIRECTION	SIGN CODE	PANEL SIZE W x D INCH x INCH	SIGN AREA SQFT	SINGLE FACED	BACKGROUND SHEETING COLOR	BACKGROUND RETRO-REFLECTIVE	LEGEND SHEETING COLOR	LEGEND RETRO-REFLECTIVE	GRAFFITI FILM STANDARD	GRAFFITI FILM PREMIUM	SINGLE SHEET ALUMINUM SIGN UNFRAMED 0.063" SQFT	SINGLE SHEET ALUMINUM SIGN UNFRAMED 0.080" SQFT	SINGLE SHEET ALUMINUM SIGN FRAMED 0.063" SQFT	OBJECT MARKER TYPE N-1 EA	SIGN LOCATION
SOUTHBOUND	W3-3	48 X 48	16.0	X	Y	IX	R/G/B	X		X		16.0			NORTH OF BALBOA BAY CLUB
	R9-3A	30 X 30	6.3	X	W	IX	B/R	X		X	6.3				BALBOA BAY CLUB
	R9-3A	30 X 30	6.3	X	W	IX	B/R	X		X	6.3				BAYSIDE Dr
	R73-2	36 X 36	9.0	X	W	III	B	X		X	9.0				
	R3-18	36 X 36	9.0	X	W	III	B/R	X		X	9.0				PROMONTORY POINT
	R73-2	36 X 36	9.0	X	W	III	B	X		X	9.0				JAMBOREE
	R73-3	45 X 45	14.1	X	W	III	B	X		X	14.1				
	G72	72 X 42	21.0	X	BR	III	W	X		X			21.0		SOUTH OF PELICAN POINT
	G72	72 X 42	21.0	X	BR	III	W	X		X			21.0		NORTH OF CRYSTAL COVE STATE PARK
	R2 (55)	48 X 60	20.0	X	W	III	B	X		X		20.0			ENTRANCE / LOS TRANCOS
	R3-2	36 X 36	9.0	X	W	III	B/R	X		X	9.0				MERGE FROM CRYSTAL COVE
	G72	72 X 42	21.0	X	BR	III	W	X		X			21.0		NORTH OF REEF POINT
	R2 (55)	48 X 60	20.0	X	W	III	B	X		X		20.0			SOUTH OF REEF POINT
	W2-2	48 X 48	16.0	X	Y	III	B	X		X		16.0			
	S4-3	48 X 16	5.4	X	Y	III	B	X		X	5.4				
	R4-7	48 X 60	20.0	X	Y	III	B	X		X		20.0			EL MORO SCHOOL ENTRANCE
	R9-3A	30 X 30	6.3	X	W	IX	B/R	X		X	6.3				
	R9-3	12 X 18	1.5	X	W	III	B/R	X		X	1.5				
	R73-3	45 X 45	14.1	X	W	III	B	X		X	14.1				(ON MAST ARM)
	R4-7	48 X 60	20.0	X	Y	III	B	X		X		20.0			SOUTH OF EL MORO
	R2 (30)	48 X 60	20.0	X	W	III	B	X		X		20.0			NORTH OF CLIFF/ASTER
	R3-4	36 X 36	9.0	X	W	IX	B/R	X		X	9.0				CLIFF/ASTER (ON MAST ARM)
	R10-12	24 X 30	5.0	X	W	III	B/G	X		X	5.0				BROADWAY (ON MAST ARM)
	R3-4	36 X 36	9.0	X	W	IX	B/R	X		X	9.0				
	R9-3	30 X 30	6.3	X	W	III	B/R	X		X	6.3				BROADWAY (FACING ROUTE 133)
	G28-2	30 X 31	6.5	X	G	IX	W	X		X	6.5				SOUTH OF BROADWAY
	M3-3	30 X 15	3.2	X	G	IX	W	X		X	3.2				
SUB-TOTAL											129.0	132.0	63.0		
SUB-TOTAL SHEET SQ-4											71.7	222.8	72.0		
SUB-TOTAL SHEET SQ-3											175.2	121.3	57.0	1	
TOTAL											375.9	476.1	192.0	1	

G72

CRYSTAL COVE
STATE PARK →
PELICAN POINT AREA

G72

CRYSTAL COVE
STATE PARK →
LOS TRANCOS AREA

G72

CRYSTAL COVE
STATE PARK →
REEP POINT AREA

SIGN QUANTITIES

SQ-5

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE

FUNCTIONAL SUPERVISOR: MASSOUD TAJIK
CALCULATED-DESIGNED BY / CHECKED BY
REVISED BY: A TRAN / ANH TRAN
DATE REVISED / MIMI CHAU

LAST REVISION 09-14-10
DATE PLOTTED => 06-DEC-2010
TIME PLOTTED => 12:45

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	12	22

Anh Tran 09-16-10
REGISTERED CIVIL ENGINEER DATE

12-6-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ANH P. TRAN No. C56206 Exp. 12-31-10 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.

ROUTE	Loc No. (X)	NEAREST STREET ADDRESS OR STREET NAME	DESCRIPTION	SIDEWALK 4" TO 6" DEPTH (N)		CURB 8" TO 16" DEPTH (N)		DRIVEWAY 6" TO 10" DEPTH (N)		MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)			REMOVE CONCRETE			PAINT CONCRETE SURFACES
				LENGTH (L)	WIDTH (W)	LENGTH (L)	WIDTH (W)	LENGTH (L)	WIDTH (W)	SIDEWALK	CURB	DRIVEWAY	SIDEWALK	CURB	DRIVEWAY	
				FT	FT	FT	FT	FT	FT	CY	CY	CY	CY	CY	CY	SQFT
133	1	303 BROADWAY	REMOVE CONCRETE CURB MINOR CONCRETE CURB			5	2.7				0.3			0.3		7
	2	NORTH OF BUS TRANSIT STATION	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	21	3					1.2			1.2			
	3	SOUTH OF FOREST Ave	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	12	4					0.9			0.9			
	4	480 BROADWAY (VERIZON)	a) REMOVE CONCRETE CURB MINOR CONCRETE CURB			12	2.7				0.8			0.8		16
			b) REMOVE CONCRETE DRIVEWAY MINOR CONCRETE DRIVEWAY					12	30			11.7			11.7	
			c) REMOVE CONCRETE CURB MINOR CONCRETE CURB			30	2.7				2.0			2.0		39
	5	793 LAGUNA CANYON Rd	REMOVE CONCRETE CURB MINOR CONCRETE CURB			150	2.7				10.0			10.0		
	6	1085 LAGUNA CANYON Rd	REMOVE CONCRETE CURB MINOR CONCRETE CURB			1000	2.7				67.0			67.0		
	7	650 LAGUNA CANYON Rd	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	35	5					3.4			3.4			
	8	580 LAGUNA CANYON Rd	a) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	15	5					1.5			1.5			
			b) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	3	3					0.2			0.2			
			c) REMOVE CONCRETE CURB MINOR CONCRETE CURB			10	2.7				0.7			0.7		13
	9	500 LAGUNA CANYON Rd	a) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	7	5					0.7			0.7			
			b) REMOVE CONCRETE CURB MINOR CONCRETE CURB			60	2.7				4.0			4.0		77
	10	496 LAGUNA CANYON Rd	a) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	60	10					11.7			11.7			
			b) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	6	2					0.2			0.2			
			c) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	8	8					1.2			1.2			
SUB-TOTAL										21.0	84.8	11.7	21.0	84.8	11.7	152
SHEET TOTAL Q-1										117.5			117.5			152

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

SUMMARY OF QUANTITIES

Q-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE

FUNCTIONAL SUPERVISOR: MASSOUD TAJIK
CALCULATED-DESIGNED BY: MIMI CHAU
CHECKED BY: ANH TRAN
REVISED BY: A TRAN
DATE REVISED:

LAST REVISION 09-07-10
DATE PLOTTED => 06-DEC-2010
TIME PLOTTED => 12:46

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	13	22

Anh Tran 09-16-10
REGISTERED CIVIL ENGINEER DATE

12-6-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANH P. TRAN
No. C56206
Exp. 12-31-10
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.

Rte	Loc No. (X)	NEAREST STREET ADDRESS OR STREET NAME	DESCRIPTION	SIDEWALK 4" TO 6" DEPTH (N)		CURB 8" TO 16" DEPTH (N)		DRIVEWAY 6" TO 10" DEPTH (N)		MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)			REMOVE CONCRETE			PAINT CONCRETE SURFACES
				LENGTH (L)	WIDTH (W)	LENGTH (L)	WIDTH (W)	LENGTH (L)	WIDTH (W)	SIDEWALK	CURB	DRIVEWAY	SIDEWALK	CURB	DRIVEWAY	
				FT	FT	FT	FT	FT	FT	CY	CY	CY	CY	CY	CY	SQFT
133	11	410 BROADWAY	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	10	4					0.8			0.8			
	12	350 BROADWAY (GOODYEAR)	a) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	60	12					14.0			14.0			
			b) REMOVE CONCRETE CURB MINOR CONCRETE CURB			12	2.7				0.8			0.8		16
			c) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	6	4					0.5			0.5			
			d) REMOVE CONCRETE CURB MINOR CONCRETE CURB			4	2.7				0.3			0.3		5
			e) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	50	12					11.7			11.7			
	13	310 BROADWAY	REMOVE CONCRETE DRIVEWAY MINOR CONCRETE DRIVEWAY					25	15			12.2			12.2	
	14	290 BROADWAY	a) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	12	4					0.9			0.9			
			b) REMOVE CONCRETE DRIVEWAY MINOR CONCRETE DRIVEWAY					25	20			16.2			16.2	
	15	286 BROADWAY	a) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	12	3					0.7			0.7			
			b) REMOVE CONCRETE DRIVEWAY MINOR CONCRETE DRIVEWAY					20	12			7.8			7.8	
	16	240 BROADWAY (HARDWARE)	REMOVE CONCRETE DRIVEWAY MINOR CONCRETE DRIVEWAY					30	12			11.7			11.7	
				SUBTOTAL						28.6	1.1	47.9	28.6	1.1	47.9	
				SHEET TOTAL Q-2						77.6			77.6			21

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

SUMMARY OF QUANTITIES

Q-2

REVISED BY	DATE REVISED
A TRAN	

CALCULATED-DESIGNED BY	CHECKED BY	FUNCTIONAL SUPERVISOR
MIMI CHAU	ANH TRAN	MASSOUD TAJIK

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
MAINTENANCE

LAST REVISION 09-07-10
DATE PLOTTED => 06-DEC-2010
TIME PLOTTED => 11:28

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	14	22

REGISTERED CIVIL ENGINEER 09-16-10 DATE

12-6-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER ANH P. TRAN No. C56206 Exp. 12-31-10 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.

Rte	Loc No. (X)	NEAREST STREET ADDRESS OR STREET NAME	DESCRIPTION	SIDEWALK 4" TO 6" DEPTH (N)		CURB 8" TO 16" DEPTH (N)		DRIVEWAY 6" TO 10" DEPTH (N)		MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)			REMOVE CONCRETE			PAINT CONCRETE SURFACES
				LENGTH (L)	WIDTH (W)	LENGTH (L)	WIDTH (W)	LENGTH (L)	WIDTH (W)	SIDEWALK	CURB	DRIVEWAY	SIDEWALK	CURB	DRIVEWAY	
				FT	FT	FT	FT	FT	FT	CY	CY	CY	CY	CY	CY	SQFT
1	17	206 PACIFIC COAST Hwy	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	14	10					2.7			2.7			
	18	372 PACIFIC COAST Hwy	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	17	2					0.7			0.7			
	19	1042 PACIFIC COAST Hwy	REMOVE CONCRETE CURB MINOR CONCRETE CURB			128	2.7				8.6			8.6		165
	20	1062 PACIFIC COAST Hwy	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	42	4					3.3			3.3			
	21	1130 PACIFIC COAST Hwy	a) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	55	2					2.1			2.1			
			b) REMOVE CONCRETE CURB MINOR CONCRETE CURB			55	2.7				3.7			3.7		71
	22	1200 PACIFIC COAST Hwy	REMOVE CONCRETE CURB MINOR CONCRETE CURB			130	2.7				8.7			8.7		
	23	1290 PACIFIC COAST Hwy	REMOVE CONCRETE CURB MINOR CONCRETE CURB			50	2.7				3.3			3.3		
	24	1251 PACIFIC COAST Hwy (MIDAS)	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	27	5					2.6			2.6			
	25	1205 PACIFIC COAST Hwy	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	6	6					0.7			0.7			
	26	1145 PACIFIC COAST Hwy	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	6	6					0.7			0.7			
	27	1105 PACIFIC COAST Hwy	a) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	30	6					3.5			3.5			
			b) REMOVE CONCRETE CURB MINOR CONCRETE CURB			30	2.7				2.0			2.0		40
	28	985 PACIFIC COAST Hwy	a) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	16	4					1.2			1.2			
			b) REMOVE CONCRETE CURB MINOR CONCRETE CURB			16	2.7				1.1			1.1		21
	29	925 PACIFIC COAST Hwy	REMOVE CONCRETE DRIVEWAY MINOR CONCRETE DRIVEWAY					40	6			7.8			7.8	
	30	875 PACIFIC COAST Hwy	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	48	6					5.6			5.6			
	31	805 PACIFIC COAST Hwy	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	50	6					5.8			5.8			
				SUBTOTAL						28.9	27.4	7.8	28.9	27.4	7.8	297
				SHEET TOTAL Q-3						64.1			64.1			297

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

SUMMARY OF QUANTITIES

Q-3

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
MAINTENANCE

FUNCTIONAL SUPERVISOR: MASSOUD TAJIK
CALCULATED-DESIGNED BY: MIMI CHAU
CHECKED BY: ANH TRAN
REVISED BY: A TRAN
DATE REVISED:

LAST REVISION 09-07-10
DATE PLOTTED => 06-DEC-2010
TIME PLOTTED => 11:28

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	15	22

Anh Tran 09-16-10
REGISTERED CIVIL ENGINEER DATE

12-6-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANH P. TRAN
No. C56206
Exp. 12-31-10
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.

ROUTE	Loc No. (X)	NEAREST STREET ADDRESS OR STREET NAME	DESCRIPTION	SIDEWALK 4" TO 6" DEPTH (N)		CURB 8" TO 16" DEPTH (N)		DRIVEWAY 6" TO 10" DEPTH (N)		MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)			REMOVE CONCRETE			PAINT CONCRETE SURFACES
				LENGTH (L)	WIDTH (W)	LENGTH (L)	WIDTH (W)	LENGTH (L)	WIDTH (W)	SIDEWALK	CURB	DRIVEWAY	SIDEWALK	CURB	DRIVEWAY	
				FT	FT	FT	FT	FT	FT	CY	CY	CY	CY	CY	CY	SQFT
1	32	696 PACIFIC COAST Hwy	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	27	6					3.2			3.2			
	33	673 PACIFIC COAST Hwy	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	30	6					3.5			3.5			
	34	671 PACIFIC COAST Hwy	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	10	6					1.2			1.2			
	35	649 PACIFIC COAST Hwy	a) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	25	10					4.9			4.9			
			b) REMOVE CONCRETE CURB MINOR CONCRETE CURB			68	2.7				4.6			4.6		88
	36	385 PACIFIC COAST Hwy	a) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	35	20					13.6			13.6			
			b) REMOVE CONCRETE CURB MINOR CONCRETE CURB			35	2.7				2.3			2.3		45
	37	353 PACIFIC COAST Hwy	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	12	4					0.9			0.9			
	38	305 PACIFIC COAST Hwy	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	46	12					10.7			10.7			
	39	SOUTH OF PROSPECT St (ACROSS SEWER CONSTRUCTION)	REMOVE CONCRETE CURB MINOR CONCRETE CURB			60	2.7				4.0			4.0		
	40	SOUTH OF PROSPECT St	a) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	8	5					0.8			0.8			
			b) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	13	6					1.5			1.5			
	41	4001 PACIFIC COAST Hwy (ROYAL THAI)	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	17	11					3.6			3.6			
	42	NORTH OF BALBOA COVE	a) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	22	7					3.0			3.0			
			b) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	90	6					10.5			10.5			
	43	3131 PACIFIC COAST Hwy	a) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	5	12					1.2			1.2			
			b) REMOVE CONCRETE DRIVEWAY MINOR CONCRETE DRIVEWAY					63	12			24.5			24.5	
				SUBTOTAL						58.6	10.9	24.5	58.6	10.9	24.5	133
				SHEET TOTAL Q-4						94.0			94.0			133

SUMMARY OF QUANTITIES

Q-4

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE

FUNCTIONAL SUPERVISOR: MASSOUD TAJIK
CALCULATED-DESIGNED BY: MIMI CHAU
CHECKED BY: ANH TRAN
REVISED BY: A TRAN
DATE REVISED:

LAST REVISION 09-07-10
DATE PLOTTED => 06-DEC-2010
TIME PLOTTED => 11:28

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	16	22

Anh Tran 09-16-10
REGISTERED CIVIL ENGINEER DATE

12-6-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ANH P. TRAN
No. C56206
Exp. 12-31-10
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.

ROUTE	Loc No. (X)	NEAREST STREET ADDRESS OR STREET NAME	DESCRIPTION	SIDEWALK 4" TO 6" DEPTH (N)		CURB 8" TO 16" DEPTH (N)		DRIVEWAY 6" TO 10" DEPTH (N)		MINOR CONCRETE (MISCELLANEOUS CONSTRUCTION)			REMOVE CONCRETE			PAINT CONCRETE SURFACES
				LENGTH (L)	WIDTH (W)	LENGTH (L)	WIDTH (W)	LENGTH (L)	WIDTH (W)	SIDEWALK	CURB	DRIVEWAY	SIDEWALK	CURB	DRIVEWAY	
				FT	FT	FT	FT	FT	FT	CY	CY	CY	CY	CY	CY	SQFT
1	44	3101 PACIFIC COAST Hwy	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	20	4					1.6			1.6			
	45	700 PACIFIC COAST Hwy (ACROSS McDONALD)	a) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	48	7					6.5			6.5			
			b) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	48	7					6.5			6.5			
	46	NORTH OF BAYSHORE Dr	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	32	6					3.7			3.7			
	47	NORTH OF PROMONTORY Dr	REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	64	10					12.4			12.4			
	48	NORTH OF JAMBOREE Blvd	a) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	11	10					2.1			2.1			
			b) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	11	10					2.1			2.1			
			c) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	11	5					1.1			1.1			
			d) REMOVE CONCRETE SIDEWALK MINOR CONCRETE SIDEWALK	11	10					2.1			2.1			
				SUBTOTAL						38.1			38.1			
SHEET TOTAL Q-5										38.1			38.1			
SHEET TOTAL Q-4										94.0			94.0			133
SHEET TOTAL Q-3										64.1			64.1			297
SHEET TOTAL Q-2										77.6			77.6			21
SHEET TOTAL Q-1										117.5			117.5			152
TOTAL										391.3			391.3			603

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

SUMMARY OF QUANTITIES

Q-5

REVISED BY	DATE REVISED
A TRAN	

CALCULATED-DESIGNED BY	CHECKED BY
MIMI CHAU	ANH TRAN

FUNCTIONAL SUPERVISOR
MASSOUD TAJIK

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
MAINTENANCE

LAST REVISION 09-07-10 | DATE PLOTTED => 06-DEC-2010 TIME PLOTTED => 11:29

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	17	22

REGISTERED CIVIL ENGINEER

November 17, 2006
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Michael Janzen No. 44788 Exp. 03-31-08 CIVIL STATE OF CALIFORNIA

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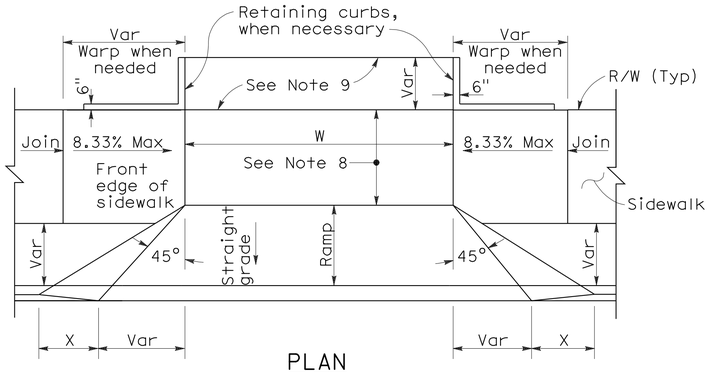
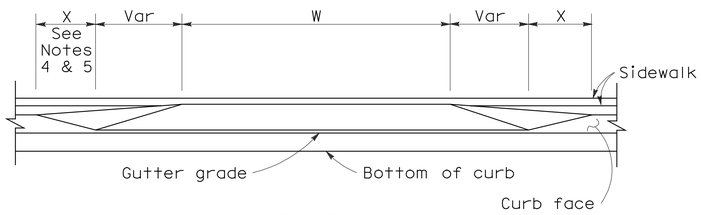
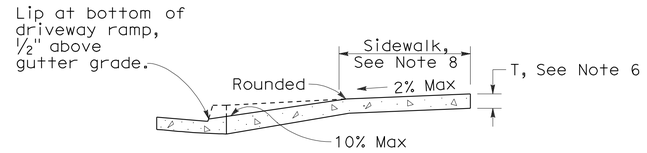
To accompany plans dated 12-6-10



PLAN

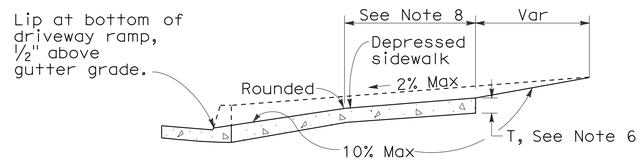


ELEVATION



CASE A

Typical driveway, sidewalk not depressed

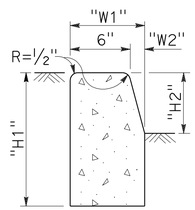


CASE B

Driveway with depressed sidewalk

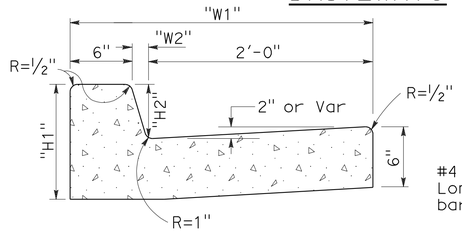
SECTIONS

DRIVEWAYS



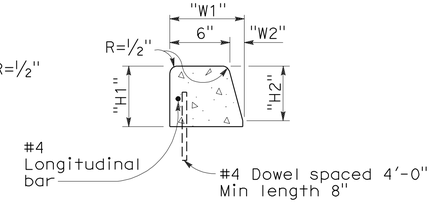
TYPE A1 CURBS

See Table A



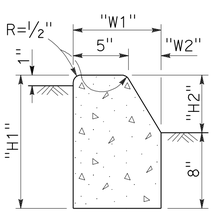
TYPE A2 CURBS

See Table A



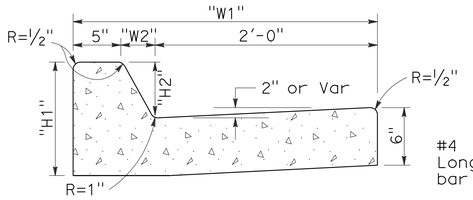
TYPE A3 CURBS

Superimposed on existing pavement
See Table A



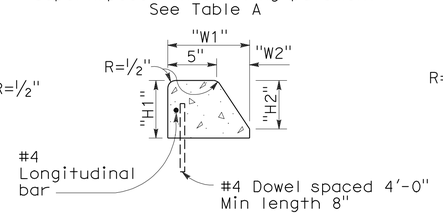
TYPE B1 CURBS

See Table A



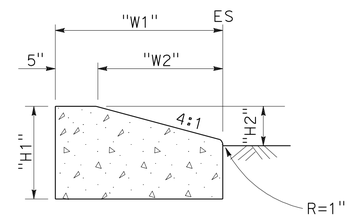
TYPE B2 CURBS

See Table A



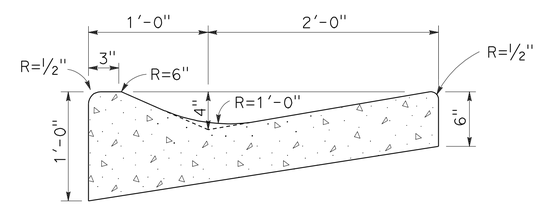
TYPE B3 CURBS

Superimposed on existing pavement
See Table A

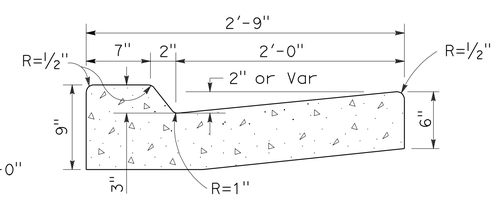


TYPE D CURBS

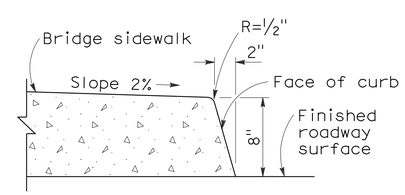
See Table A



TYPE E CURB



TYPE B4 CURBS



TYPE H CURB

On Bridges

CURBS

CURB QUANTITIES

TYPE	CUBIC YARDS PER LINEAR FOOT
A1-6	0.02585
A1-8	0.03084
A2-6	0.05903
A2-8	0.06379
A3-6	0.01036
A3-8	0.01435
B1-4	0.02185
B1-6	0.02930
B2-4	0.05515
B2-6	0.06171
B3-4	0.00641
B3-6	0.01074
B4	0.05709
D-4	0.04083
D-6	0.06804
E	0.06661

TABLE A

CURB TYPE	DIMENSIONS "H1"	"H2"	"W1"	"W2"
A1-6	1'-2"	6"	7½"	1½"
A1-8	1'-4"	8"	8"	2"
A2-6	1'-0"	6"	2'-7½"	1½"
A2-8	1'-2"	8"	2'-8"	2"
A3-6	6"	5"	7¼"	1¼"
A3-8	8"	7"	7¾"	1¾"
B1-4	1'-0"	4"	7½"	2½"
B1-6	1'-2"	6"	9"	4"
B2-4	10"	4"	2'-7½"	2½"
B2-6	1'-0"	6"	2'-9"	4"
B3-4	4"	3"	7"	2"
B3-6	6"	5"	8½"	3½"
D-4	10"	4"	1'-6"	1'-1"
D-6	1'-0"	6"	2'-2"	1'-8"

NOTES:

1. Case A driveway section typically applies.
2. Use Case B driveway section when ramp slopes would exceed 10% in Case A.
3. Use Case B driveway section when sidewalk cross slope would exceed 2% in Case A.
4. X=3'-0" except for curb heights over 10" where 4:1 slopes shall be used on curb slope.
5. X is a variable when sidewalk is located where wheelchairs may traverse the surface. Slopes shall not exceed 8.33%.
6. Sidewalk and ramp thickness "T" at driveway shall be 4" for residental and 6" for commercial.
7. Difference in slope of the driveway ramp and the slope of a line between the gutter and a point on the roadway 5'-0" from gutter line shall not exceed 15%. Reduce driveway ramp slope, not gutter slope, where required.
8. Minimum width of clear passageway for sidewalk shall be 4'-0".
9. Retaining curbs and acquisition of construction easement may be necessary for narrow sidewalks or curb heights in excess of 6".
10. Across the pedestrian route at curb ramp locations, the gutter pan slope shall not exceed 1" of depth for each 2'-0" of width.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CURBS AND DRIVEWAYS

NO SCALE

RSP A87A DATED NOVEMBER 17, 2006 SUPERSEDES STANDARD PLAN A87A DATED MAY 1, 2006 - PAGE 113 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP A87A

2006 REVISED STANDARD PLAN RSP A87A

10-25-06

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	18	22

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

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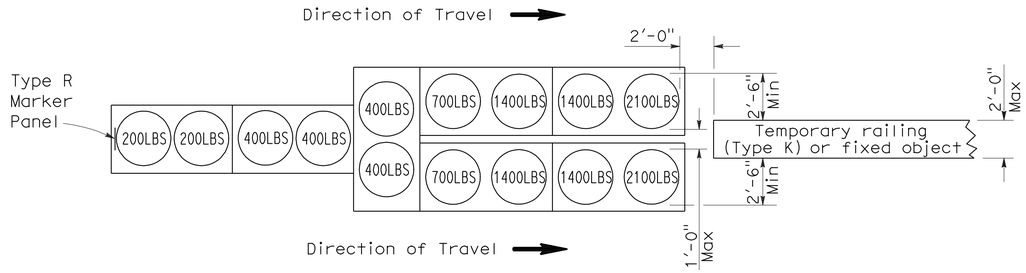
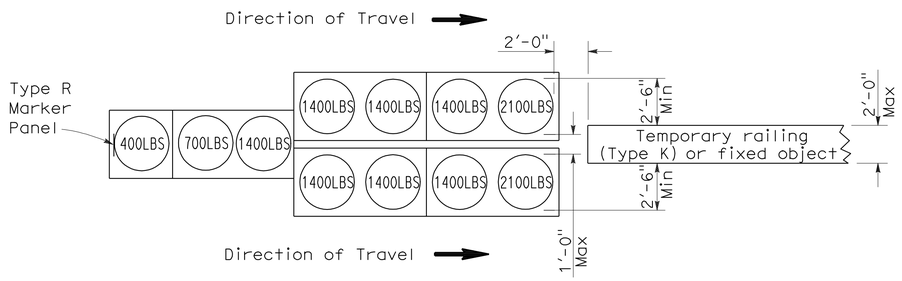
To accompany plans dated 12-6-10



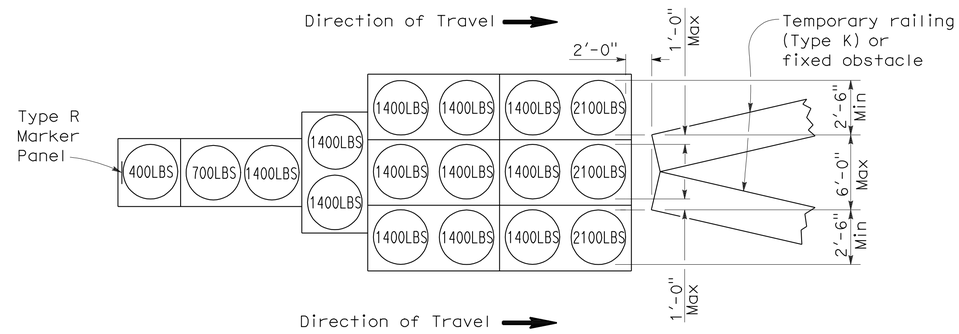
ARRAY 'TU14'

Approach speed 45 mph or more



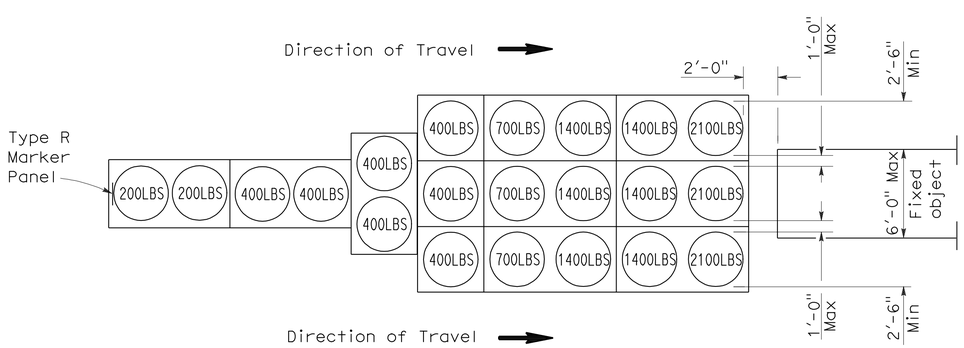
ARRAY 'TU11'

Approach speed less than 45 mph



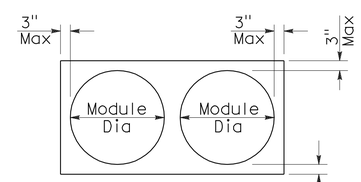
ARRAY 'TU17'

Approach speed less than 45 mph

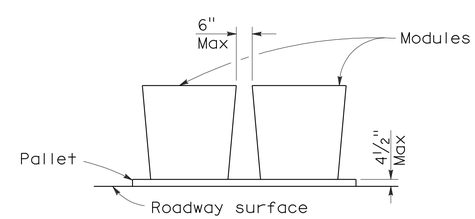


ARRAY 'TU21'

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
12	Ora	1,133	9.4/21.6, 0.0/1.0	19	22

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

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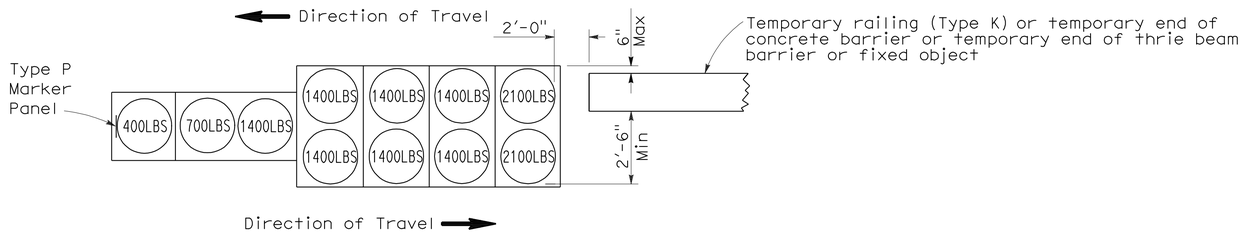
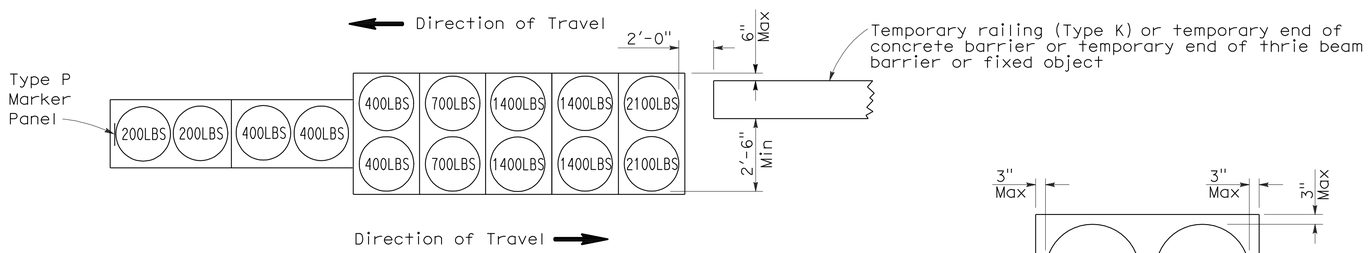
To accompany plans dated 12-6-10



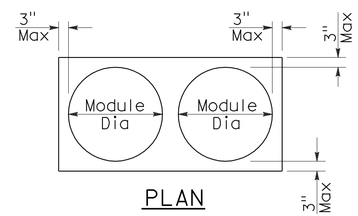
ARRAY 'TB11'

Approach speed less than 45 mph

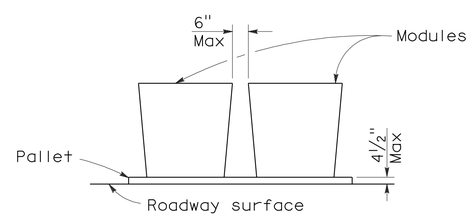


ARRAY 'TB14'

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

5-15-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	20	22

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

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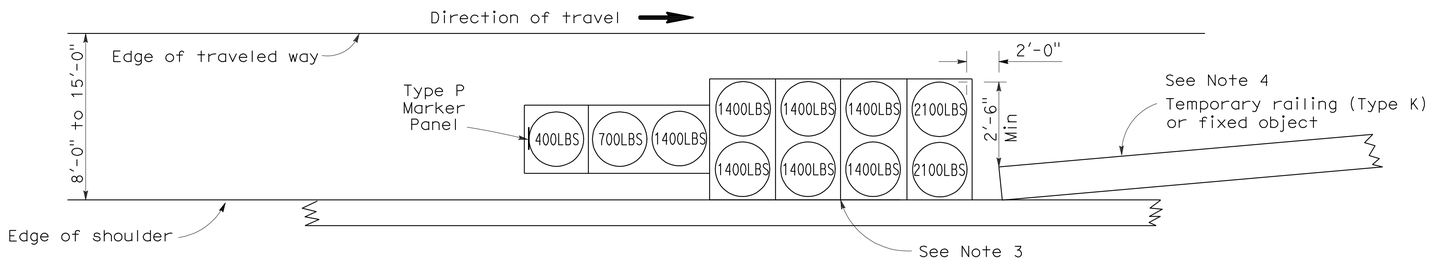
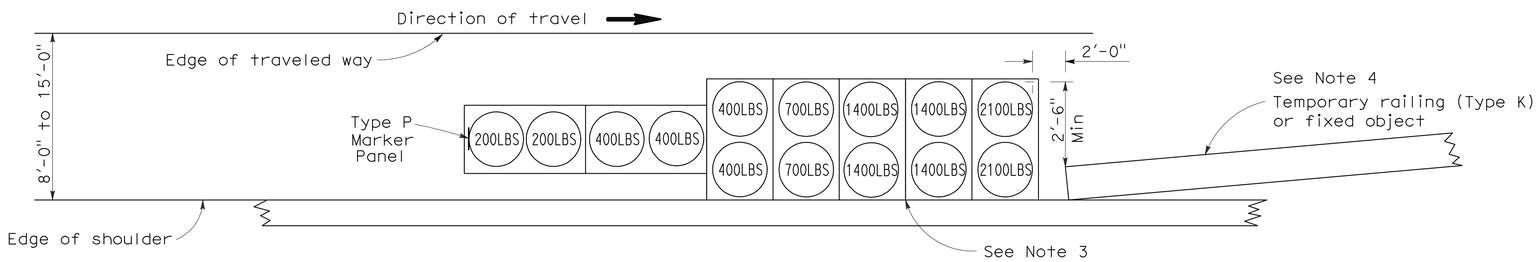
To accompany plans dated 12-6-10



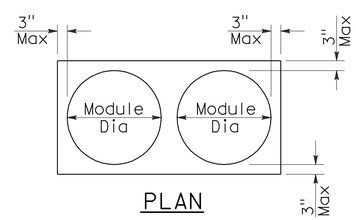
ARRAY 'TS11'

Approach speed less than 45 mph
See Note 9

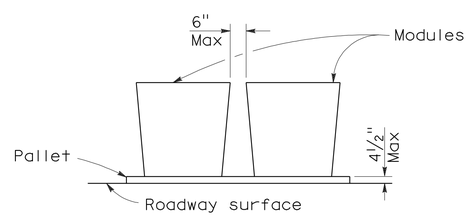


ARRAY 'TS14'

Approach speed 45 mph or more
See Note 9



PLAN



ELEVATION

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

5-15-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	21	22

LICENSED LANDSCAPE ARCHITECT

August 15, 2008
PLANS APPROVAL DATE

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

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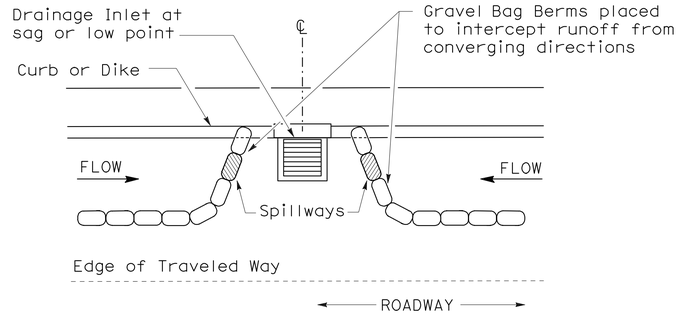
To accompany plans dated 12-6-10



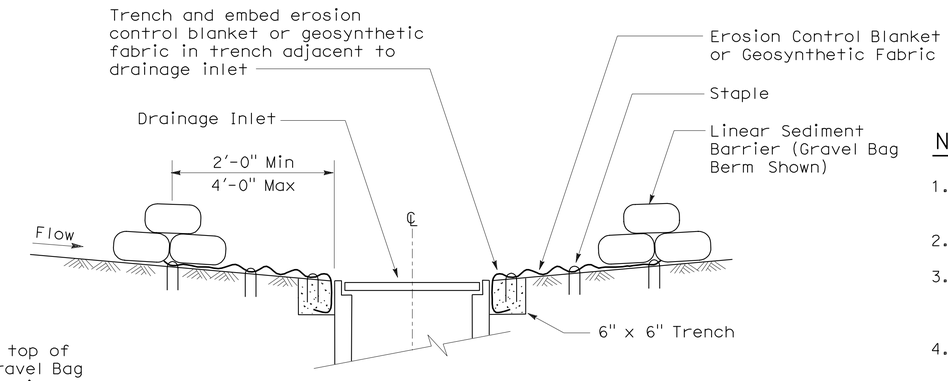
PLAN

CONFIGURATION FOR SAG POINT INLET (GRAVEL BAG BERM)

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′

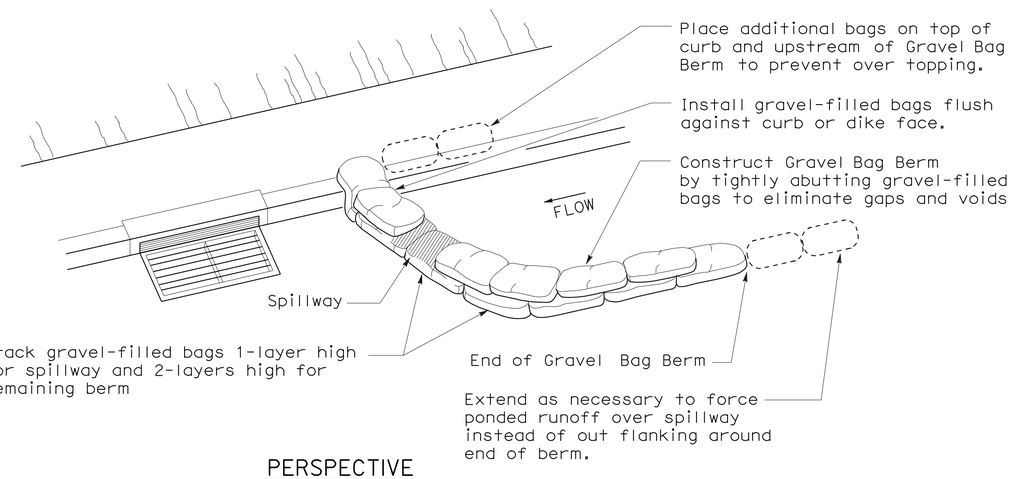
For slope of less than 1%, install barriers only if erosion/sediment is prevalent



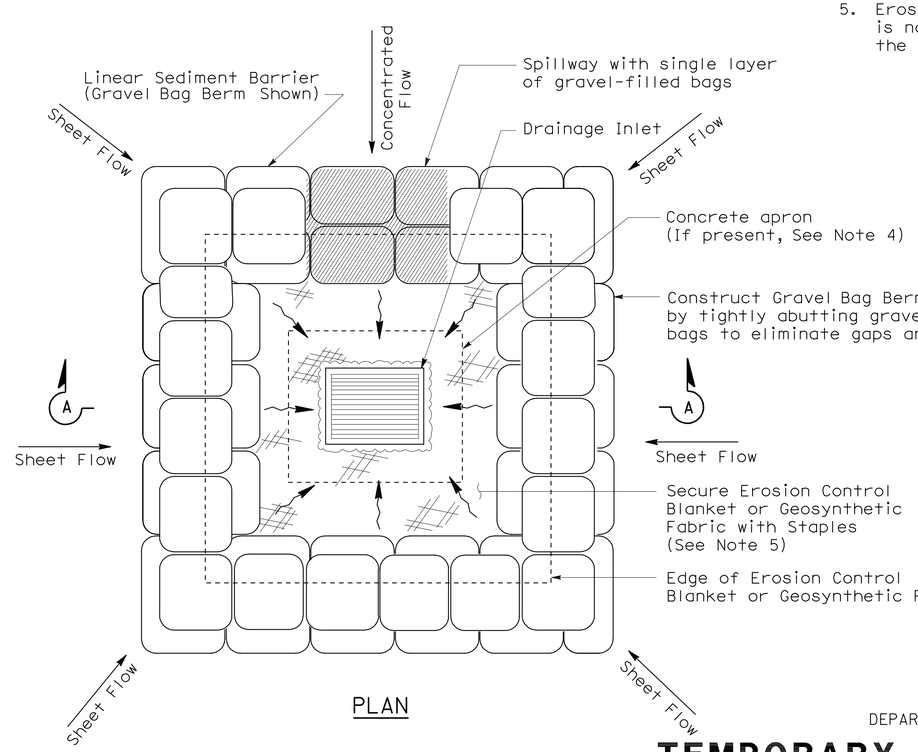
SECTION A-A

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.

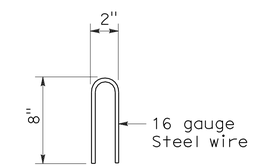


PERSPECTIVE

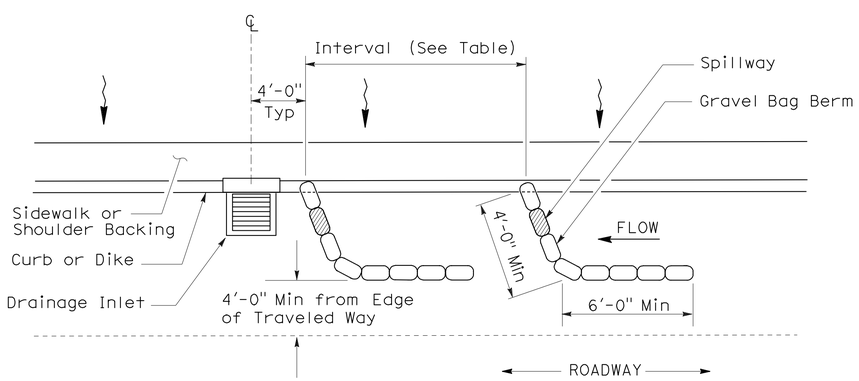


PLAN

TEMPORARY DRAINAGE INLET PROTECTION (TYPE 3B)



STAPLE DETAIL



PLAN

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

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.

NEW STANDARD PLAN NSP T62

2006 NEW STANDARD PLAN NSP T62

7-11-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
12	Ora	1,133	9.4/21.6, 0.0/1.0	22	22

LICENSED LANDSCAPE ARCHITECT

August 15, 2008
PLANS APPROVAL DATE

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

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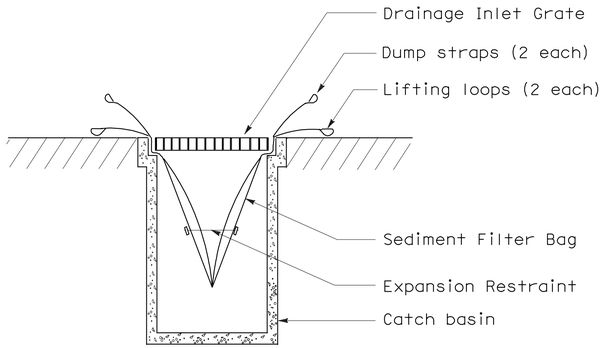
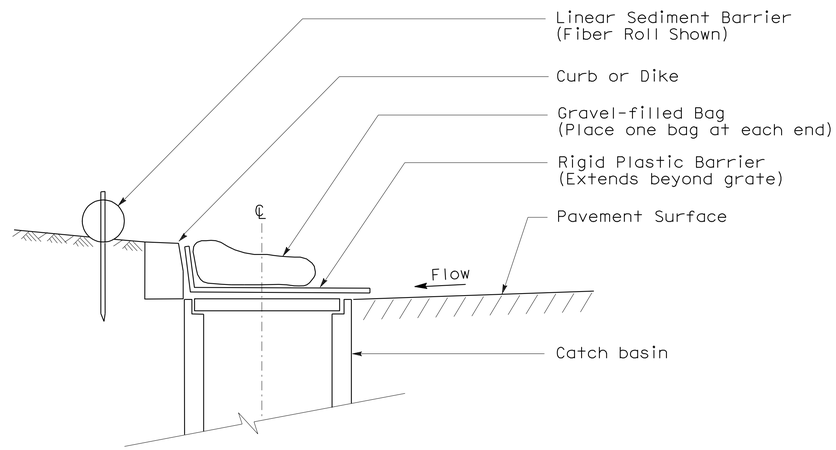
To accompany plans dated 12-6-10



SECTION B-B

SEDIMENT FILTER BAG DETAIL

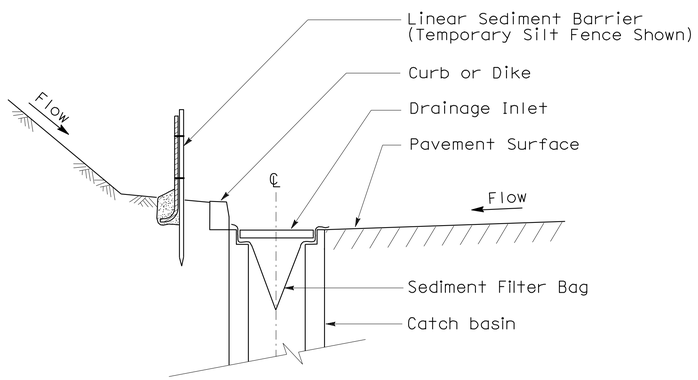


SECTION

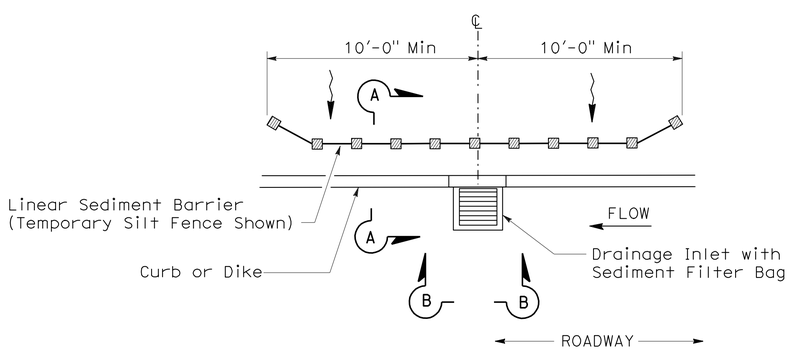
TEMPORARY DRAINAGE INLET PROTECTION (TYPE 6A) (CATCH BASIN WITH GRATE)

NOTES:

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

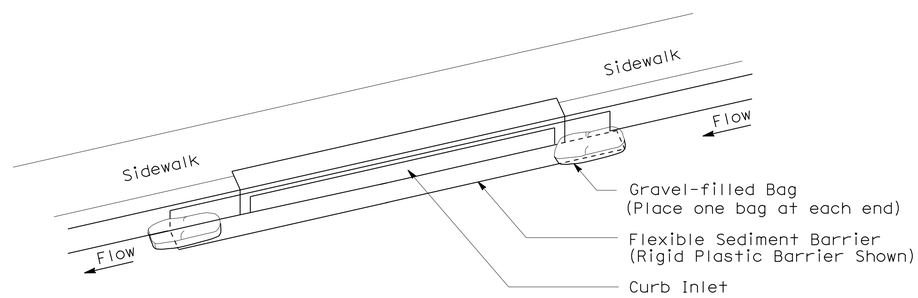


SECTION A-A



PLAN

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



PERSPECTIVE

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

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

7-11-08