INDEX OF PLANS

SHEET No. DESCRIPTION

1	TITLE AND LOCATION MAP
2	TYPICAL CROSS SECTIONS
3-4	CONSTRUCTION DETAILS
5-6	CONSTRUCTION AREA SIGNS
7-8	SUMMARY OF QUANTITIES
9-12	REVISED 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

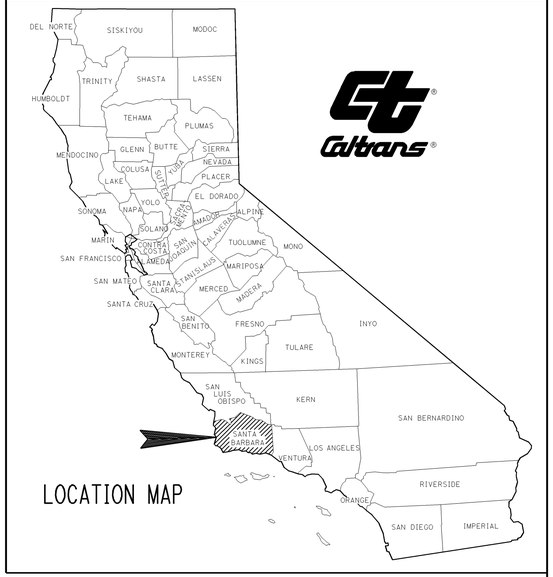
PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY

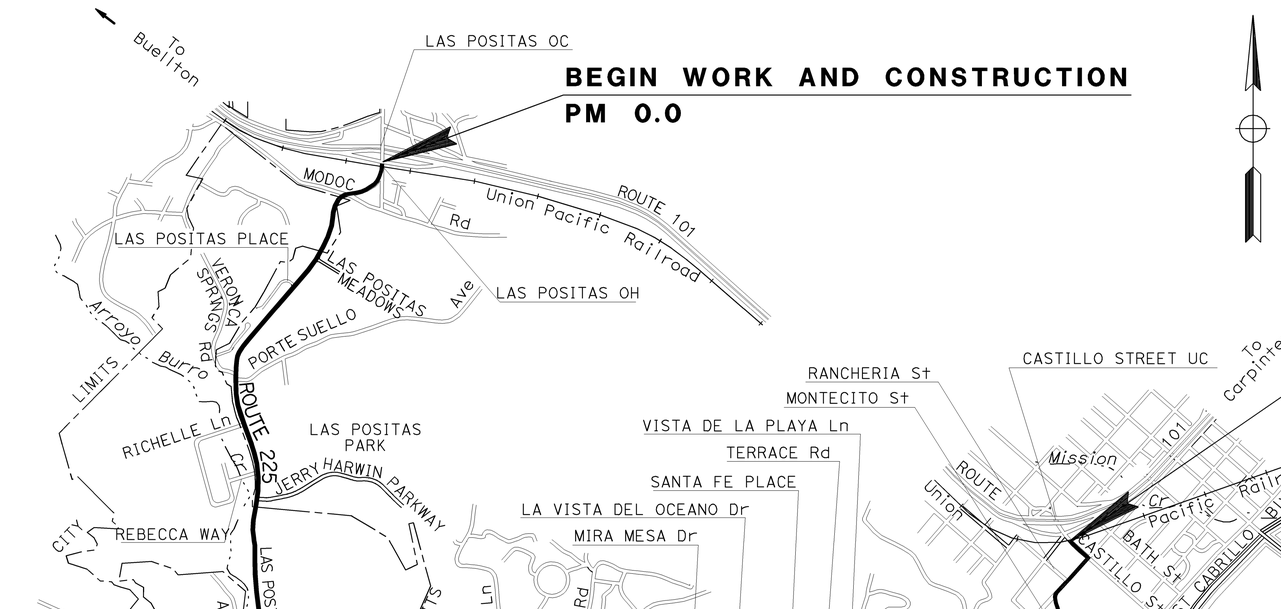
IN SANTA BARBARA COUNTY
IN AND NEAR SANTA BARBARA
FROM LAS POSITAS OVERHEAD
TO CASTILLO STREET UNDERCROSSING

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	225	0.0/4.6	1	12



LOCATION MAP



BEGIN WORK AND CONSTRUCTION
PM 0.0

END WORK AND CONSTRUCTION
PM 4.6

NO SCALE

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

PROJECT MANAGER: KELLY J. McCLAIN

DESIGN ENGINEER: TROY TONG

12-20-10
PROJECT ENGINEER REGISTERED CIVIL ENGINEER — DATE

REGISTERED PROFESSIONAL ENGINEER
TROY TONG
No. 64389
Exp. 6-30-11
CIVIL
STATE OF CALIFORNIA

December 20, 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.	05-0T3404
PROJECT ID	0500000840

LAST REVISION 12-20-10
DATE PLOTTED => 22-DEC-2010
TIME PLOTTED => 13:09

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	225	0.0/4.6	2	12

12-20-10
REGISTERED CIVIL ENGINEER DATE

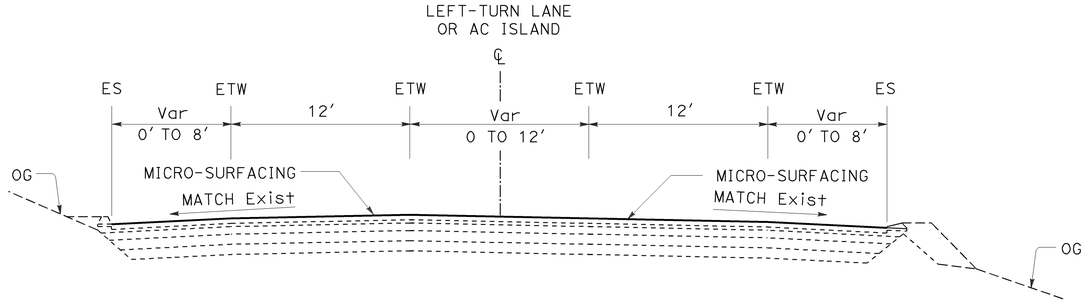
12-20-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TROY TONG
No. 64389
Exp. 6-30-11
CIVIL
STATE OF CALIFORNIA

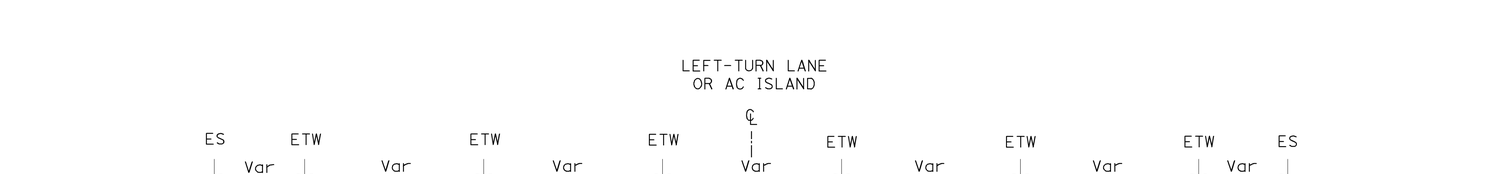
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. SUPERELEVATION AS SHOWN OR AS DIRECTED BY THE ENGINEER.
3. MICRO-SURFACING SHALL NOT BE APPLIED ON PCC STRUCTURES OR SURFACES.
4. APPLY ASPHALTIC EMULSION (FOG SEAL COAT) TO EXISTING AC DIKE AS DIRECTED BY THE ENGINEER.
5. FOR ACCURATE RIGHT OF WAY DATA CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
6. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.



PM 0.20 TO 1.77



PM 0.00 TO 0.20
PM 1.77 TO 4.64

ROUTE 225

TYPICAL CROSS SECTIONS

NO SCALE **X-1**

REVISED BY | DATE REVISED
TROY TONG | KELLY J. McCLAIN
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: KELLY J. McCLAIN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE DESIGN

LAST REVISION | DATE PLOTTED => 22-DEC-2010
12-20-10 | TIME PLOTTED => 07:54

BORDER LAST REVISED 7/2/2010
USERNAME => s118989
DGN FILE => 0500000840ca001.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 1251
PROJECT NUMBER & PHASE 05000008401

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	225	0.0/4.6	3	12

REGISTERED CIVIL ENGINEER — 12-20-10 DATE

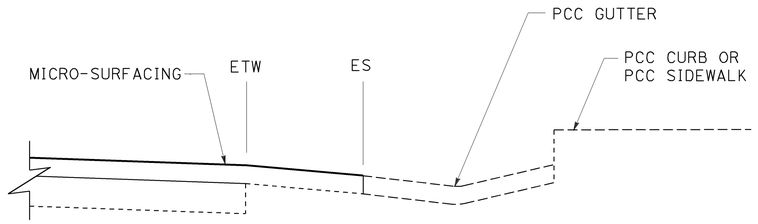
PLANS APPROVAL DATE — 12-20-10

TROY TONG No. 64389 Exp 6-30-11 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

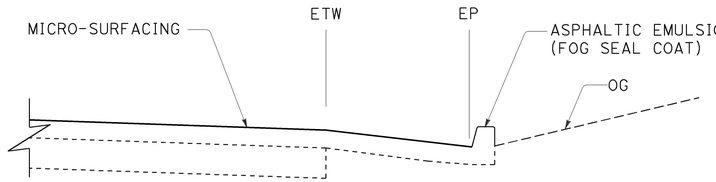
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LEGEND:

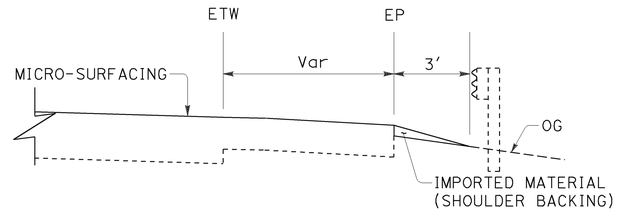
⇨ TRAFFIC FLOW ARROW



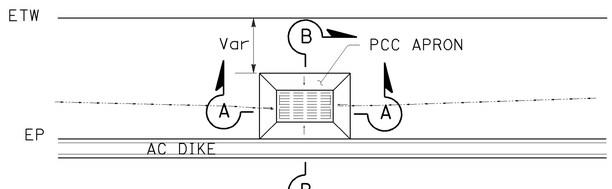
TYPICAL CONFORM AT PCC DITCH OR GUTTER



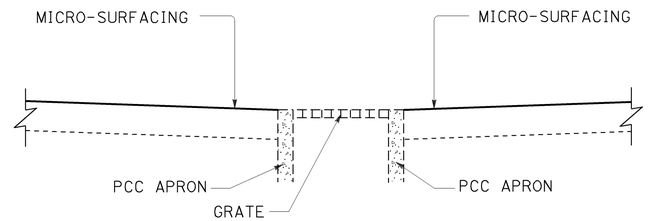
CONFORM AT AC DIKE



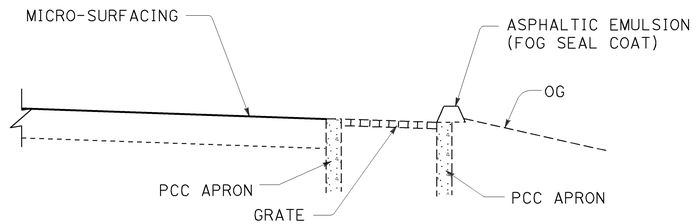
SHOULDER BACKING (NO DIKE)



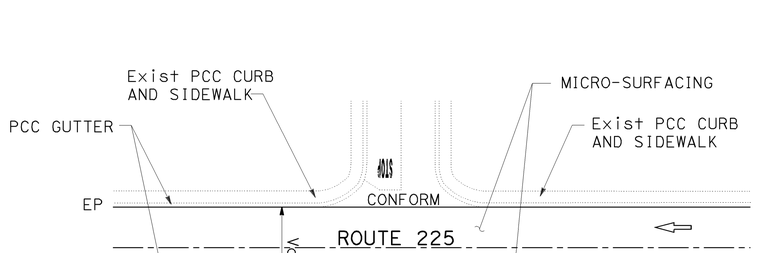
TYPICAL CONFORM AT DRAINAGE INLET



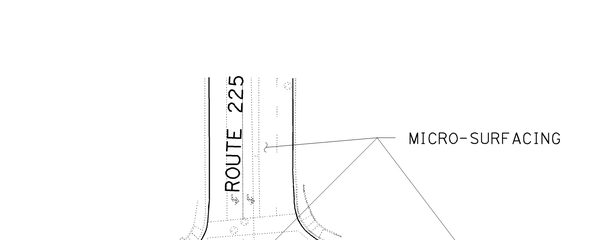
SECTION A-A



SECTION B-B



TYPICAL CONFORM AT LOCAL STREET



TYPICAL CONFORM AT CASTILLO STREET

CONSTRUCTION DETAILS

NO SCALE

C-1

REVISED BY | DATE REVISED

TROY TONG | KELLY J. McCLAIN

CALCULATED-DESIGNED BY | CHECKED BY

FUNCTIONAL SUPERVISOR: KELLY J. McCLAIN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION

Caltrans® MAINTENANCE DESIGN

LAST REVISION 12-20-10 | DATE PLOTTED => 22-DEC-2010 | TIME PLOTTED => 07:54

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	225	0.0/4.6	4	12

12-20-10
REGISTERED CIVIL ENGINEER DATE

TROY TONG No. 64389 Exp. 6-30-11 CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

12-20-10
PLANS APPROVAL DATE

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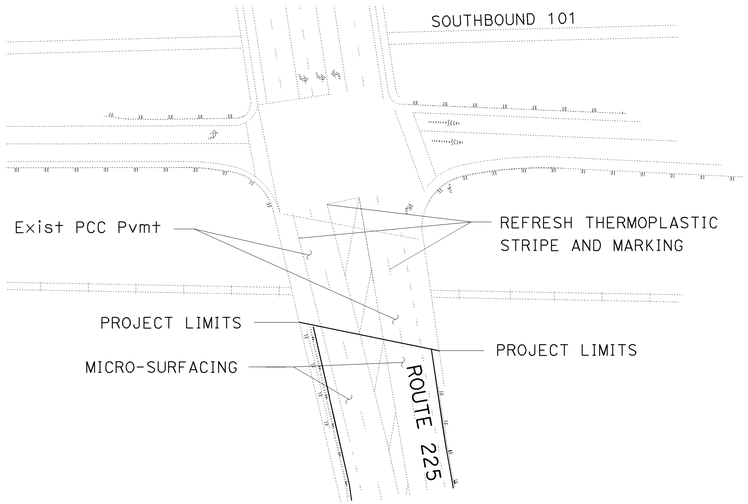
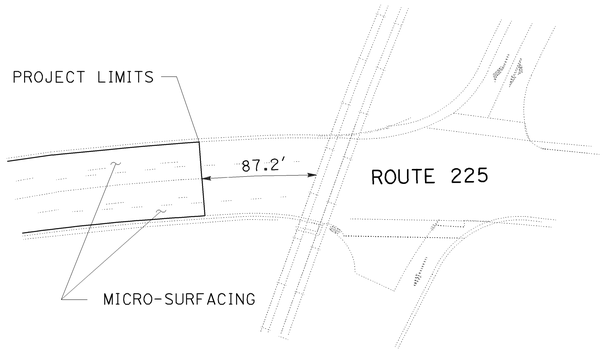
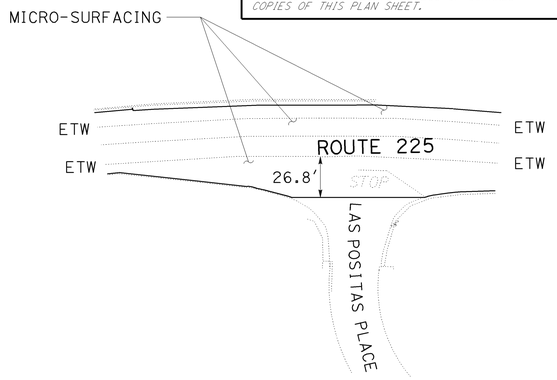


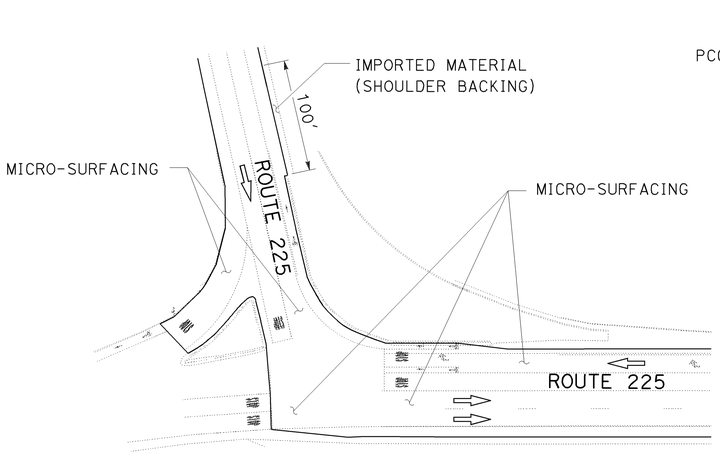
TYPICAL CONFORM AT THE BEGIN OF PROJECT
PM 0.03



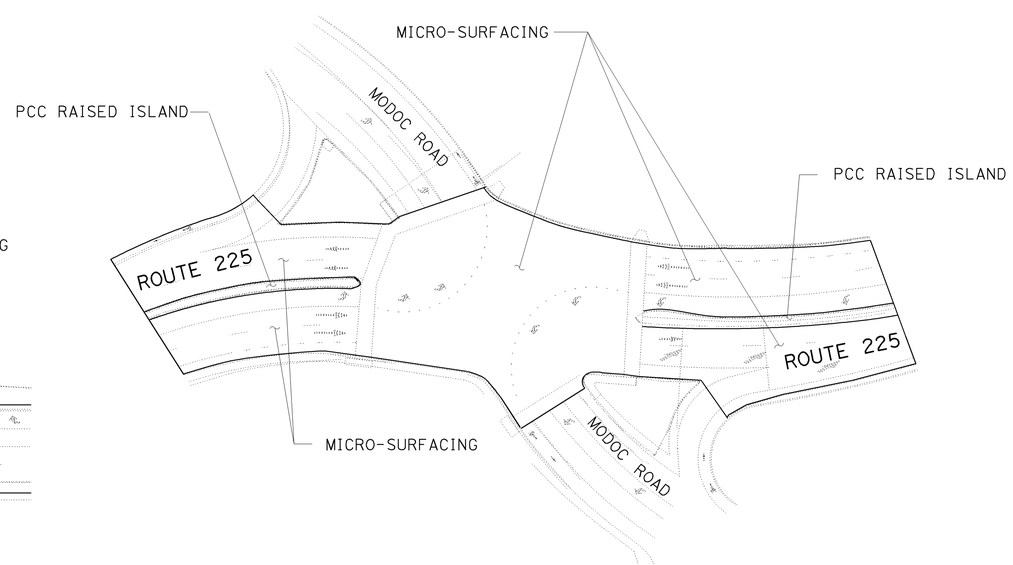
TYPICAL CONFORM AT THE END OF PROJECT
PM 4.63



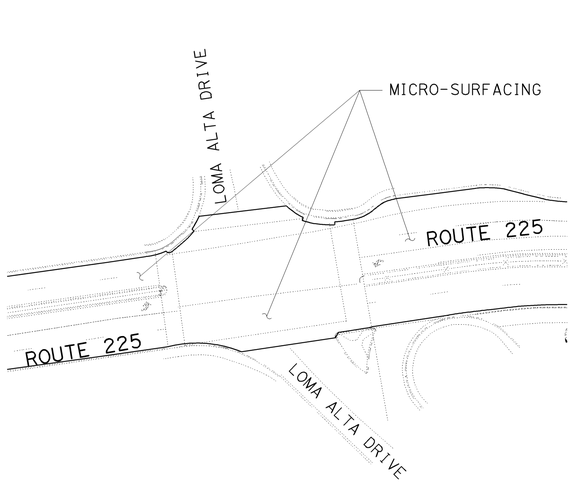
TYPICAL CONFORM AT LAS POSITAS PLACE



TYPICAL CONFORM AT CLIFF DRIVE



TYPICAL CONFORM AT MODOC ROAD



TYPICAL CONFORM AT LOMA ALTA DRIVE

CONSTRUCTION DETAILS

NO SCALE **C-2**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
MAINTENANCE DESIGN
FUNCTIONAL SUPERVISOR: KELLY J. McCLAIN
CALCULATED-DESIGNED BY: TROY TONG
CHECKED BY: KELLY J. McCLAIN
REVISED BY
DATE REVISED

LAST REVISION 12-20-10
DATE PLOTTED => 22-DEC-2010
TIME PLOTTED => 07:54

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	225	0.0/4.6	5	12

REGISTERED CIVIL ENGINEER — 12-20-10 DATE

PLANS APPROVAL DATE — 12-20-10

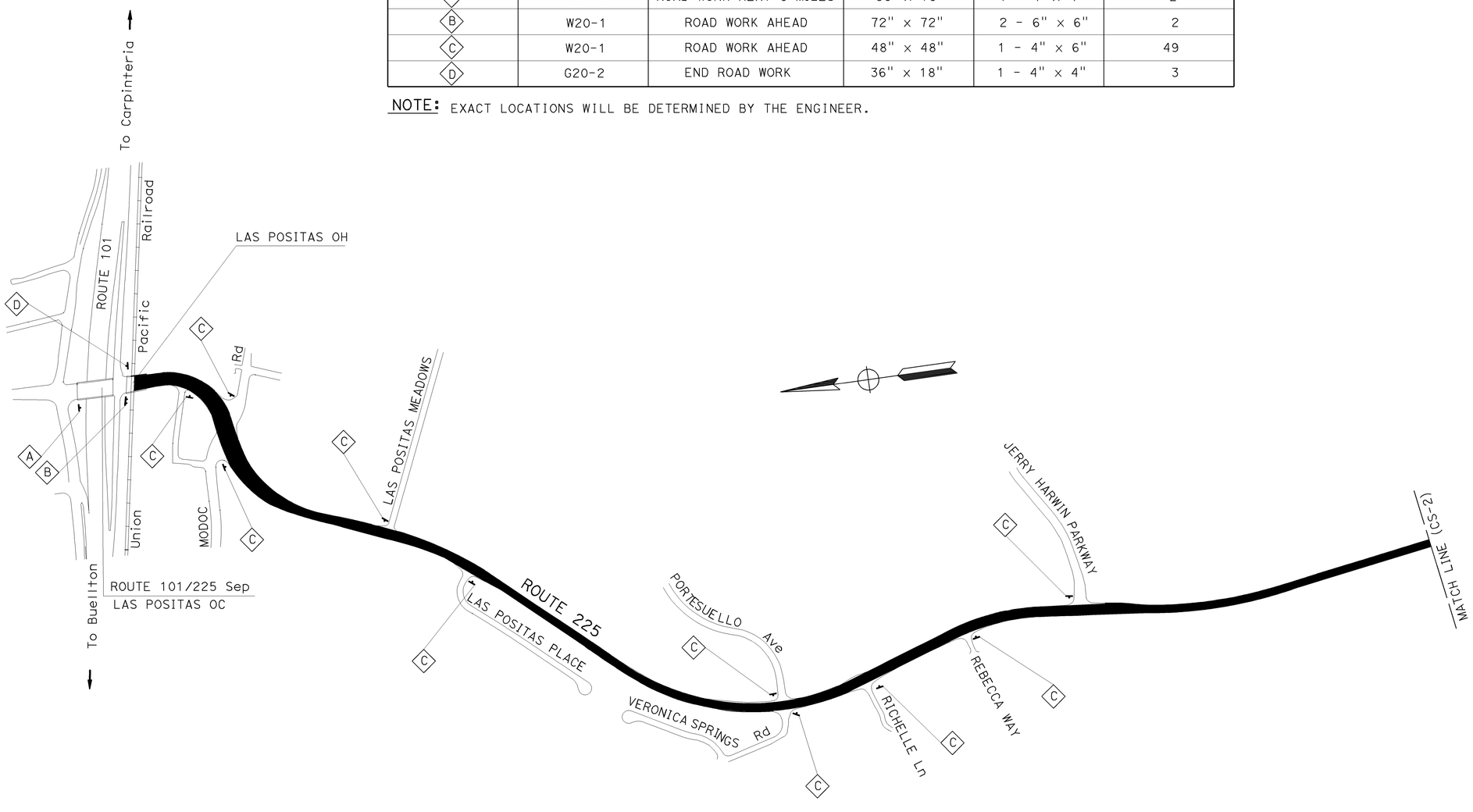
REGISTERED PROFESSIONAL ENGINEER — TROY TONG No. 64389 Exp. 6-30-11 CIVIL — STATE OF CALIFORNIA

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

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN No.	SIGN CODE	SIGN MESSAGE	PANEL SIZE	No. OF POST AND SIZE	No. OF SIGNS
A	G20-1	ROAD WORK NEXT 6 MILES	36" x 18"	1 - 4" x 4"	2
B	W20-1	ROAD WORK AHEAD	72" x 72"	2 - 6" x 6"	2
C	W20-1	ROAD WORK AHEAD	48" x 48"	1 - 4" x 6"	49
D	G20-2	END ROAD WORK	36" x 18"	1 - 4" x 4"	3

NOTE: EXACT LOCATIONS WILL BE DETERMINED BY THE ENGINEER.



THE PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.

CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE DESIGN

FUNCTIONAL SUPERVISOR: KELLY J. McCLAIN

CALCULATED-DESIGNED BY: TROY TONG

CHECKED BY: KELLY J. McCLAIN

REVISED BY | DATE REVISED

LAST REVISION: DATE PLOTTED => 22-DEC-2010 | TIME PLOTTED => 07:54

BORDER LAST REVISED 7/2/2010

USERNAME => s118989
DGN FILE => 05000008401a001.dgn

RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3

UNIT 1251

PROJECT NUMBER & PHASE 05000008401

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	225	0.0/4.6	6	12

REGISTERED CIVIL ENGINEER — 12-20-10 DATE

TROY TONG No. 64389 Exp. 6-30-11 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

12-20-10
PLANS APPROVAL DATE

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MATCH LINE (CS-1)

ROUTE 225

ALAN Rd

PARK ACCESS

FLORA VISTA Rd

FELLOWSHIP Rd

ALLEY

CAMINO CALMA

MELIOS

MIRA MESA Dr

MATCH LINE - SEE BELOW

MESA Ln

COOPER Rd

MOHAWK Rd

PALISADES Dr

OLIVER Rd

LIGHTHOUSE Rd

SALIDA DEL SOL

LA VISTA DEL OCEANO Dr

MATCH LINE - SEE ABOVE

SANTA CRUZ Blvd

SAN RAFAEL Ave

SANTA FE PLACE

TERRACE Rd

TERRACE Rd

VISTA DEL PLAYA

LANE

MARINA

BARRANCA Ave

OCEANO Ave

WELDON Rd

PRIVATE Dr

SBCC ENTRANCE

GRAVILLA Dr

LOMA ALTA Dr

SBCC ENTRANCES

PRIVATE Dr

MONTECITO St

RANCHERIA St

CASTILLO St

ROUTE 101/225 Sep
CASTILLO St UC

To Buellton

ROUTE 101

Union Pacific Railroad

To Carpinteria

CONSTRUCTION AREA SIGNS

NO SCALE

CS-2

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.

CALCULATED-DESIGNED BY: TROY TONG
CHECKED BY: KELLY J. McCLAIN
FUNCTIONAL SUPERVISOR: KELLY J. McCLAIN
REVISED BY
DATE REVISED

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE DESIGN

LAST REVISION DATE PLOTTED => 22-DEC-2010
TIME PLOTTED => 07:54
12-20-10

BORDER LAST REVISED 7/2/2010
USERNAME => s118989
DGN FILE => 05000008401a002.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 1251
PROJECT NUMBER & PHASE 05000008401

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	225	0.0/4.6	7	12

REGISTERED CIVIL ENGINEER 12-20-10 DATE

12-20-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TROY TONG
No. 64389
Exp. 6-30-11
CIVIL
STATE OF CALIFORNIA

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PAVEMENT DELINEATION

POST MILE LIMITS	PAVEMENT MARKING	REMOVE THERMOPLASTIC PAVEMENT MARKING		THERMOPLASTIC PAVEMENT MARKING	
		WHITE	YELLOW	WHITE	YELLOW
		SQFT	SQFT	SQFT	SQFT
NB & SB Rte 225 FROM 0.00 TO 4.64	AHEAD	155		155	
	BIKE LANE ARROW	133		133	
	BIKE LANE SYMBOL	133		133	
	CROSSWALK (WHITE)	1584		1584	
	LIMIT LINE	470		470	
	SIGNAL	96		96	
	STOP	132		132	
	TYPE I ARROW (24')	93		93	
	TYPE IV ARROW (L)	1150		1150	
	TYPE IV ARROW (R)	135		135	
	TYPE V ARROW	132		132	
	TYPE VI ARROW	210		210	
	1' YELLOW DIAGONAL		455		455
	CROSSWALK (YELLOW)		696		696
	SCHOOL (YELLOW)		140		140
SUBTOTAL		4423	1291	4423	1291
TOTAL		5714		5714	

PAVEMENT STRUCTURE

POST MILE LIMITS	ASPHALTIC EMULSION (FOG SEAL COAT)	MICRO-SURFACING
	TON	TON
NB & SB Rte 225 PM FROM 0.00 TO 4.64	5.8	2280
TOTAL	5.8	2280

IMPORTED MATERIAL (SHOULDER BACKING)

POST MILE LIMITS	IMPORTED MATERIAL (SHOULDER BACKING)
	TON
NB 225 PM FROM 0.22 TO 0.27	5.70
NB 225 PM FROM 0.78 TO 0.84	6.84
SB 225 PM FROM 1.73 TO 1.75	2.86
TOTAL	15.00

SUMMARY OF QUANTITIES

Q-1

REVISED BY | DATE REVISED
TROY TONG | KELLY J. McCLAIN
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: KELLY J. McCLAIN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE DESIGN

LAST REVISION 12-20-10 | DATE PLOTTED => 22-DEC-2010 | TIME PLOTTED => 07:54

BORDER LAST REVISED 7/2/2010 | USERNAME => s118989 | DGN FILE => 0500000840pa001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 1251 | PROJECT NUMBER & PHASE 05000008401

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
05	SB	225	0.0/4.6	8	12

12-20-10
REGISTERED CIVIL ENGINEER DATE

12-20-10
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
TROY TONG
No. 64389
Exp. 6-30-11
CIVIL
STATE OF CALIFORNIA

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

PAVEMENT DELINEATION

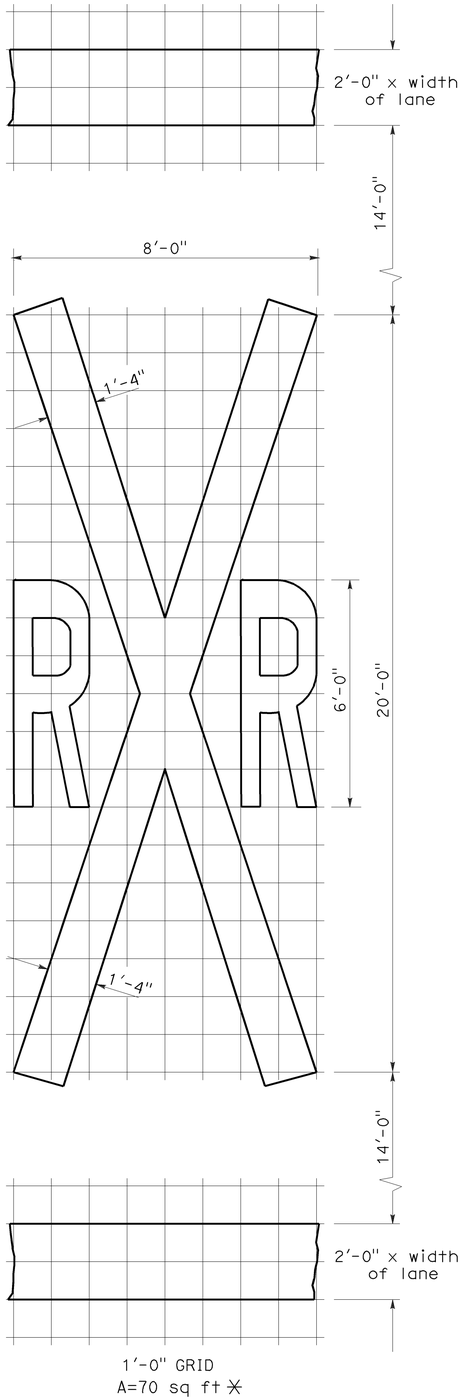
POST MILE LIMITS	DETAIL No.	PAVEMENT MARKER (NON-REFLECTIVE) TYPE A	PAVEMENT MARKER (NON-REFLECTIVE) TYPE AY	PAVEMENT MARKER (RETROREFLECTIVE) TYPE D	PAVEMENT MARKER (RETROREFLECTIVE) TYPE G	PAVEMENT MARKER (RETROREFLECTIVE) TYPE H	4" THERMOPLASTIC TRAFFIC STRIPE WHITE	4" THERMOPLASTIC TRAFFIC STRIPE YELLOW	4" THERMOPLASTIC TRAFFIC STRIPE DOUBLE YELLOW	4" THERMOPLASTIC STRIPE (BROKEN 6-1)	4" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 36-12)	6" THERMOPLASTIC TRAFFIC STRIPE	6" THERMOPLASTIC TRAFFIC STRIPE (BROKEN 8-4)	8" THERMOPLASTIC TRAFFIC STRIPE	8" THERMOPLASTIC TRAFFIC (BROKEN 12-3)	REMOVE THERMOPLASTIC TRAFFIC STRIPE
		EA	EA	EA	EA	EA	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF
NB & SB Rte 225 FROM 0.00 TO 4.60	6										818					204
	11										28,384					7096
	13	879			592											
	19			19		38		879			879					1098
	21								3515							3515
	22			1110					26,563							26,563
	23		732	148												
	25					63		2998								2998
	27B						4829									4829
	28								22,669							22,669
	29			50					2367							2367
	30		4585	920												
	31							507			507					634
	32			95				1757			1757					2197
	33		148	30												
	37B				40										554	222
	38				462									11,071		22,142
	39											24,102				36,153
	39A												2677			1338
	40									71						10
	40A	83														
SUBTOTAL		962	5465	2372	1094	101	4829	6141	55,114							
TOTAL		6427		3567			66,084			71	32,345	24,102	2677	11,071	554	134,035

SUMMARY OF QUANTITIES
Q-2

REVISED BY | DATE REVISED
TROY TONG | KELLY J. McCLAIN
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: KELLY J. McCLAIN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE DESIGN

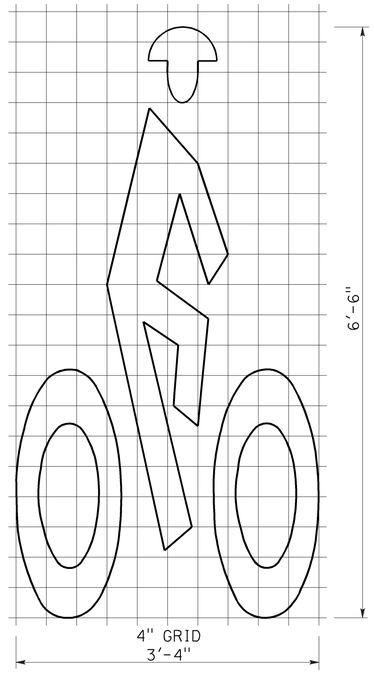
LAST REVISION 12-20-10
DATE PLOTTED => 22-DEC-2010
TIME PLOTTED => 07:54

BORDER LAST REVISED 7/2/2010
USERNAME => s118989
DGN FILE => 0500000840pa002.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 1251
PROJECT NUMBER & PHASE 05000008401



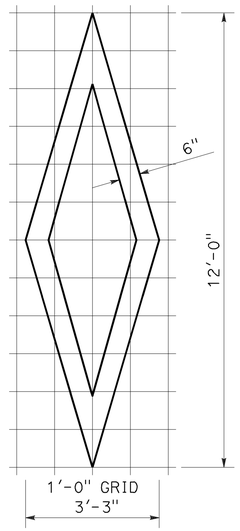
RAILROAD CROSSING SYMBOL

✳70 sq ft DOES NOT INCLUDE THE 2'-0" x VARIABLE WIDTH TRANSVERSE LINES.



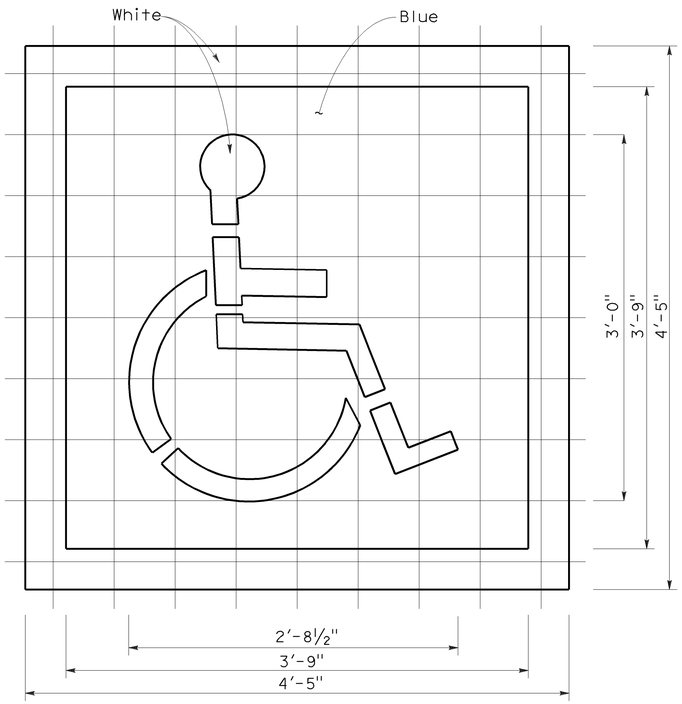
A=7 sq ft

BIKE LANE SYMBOL



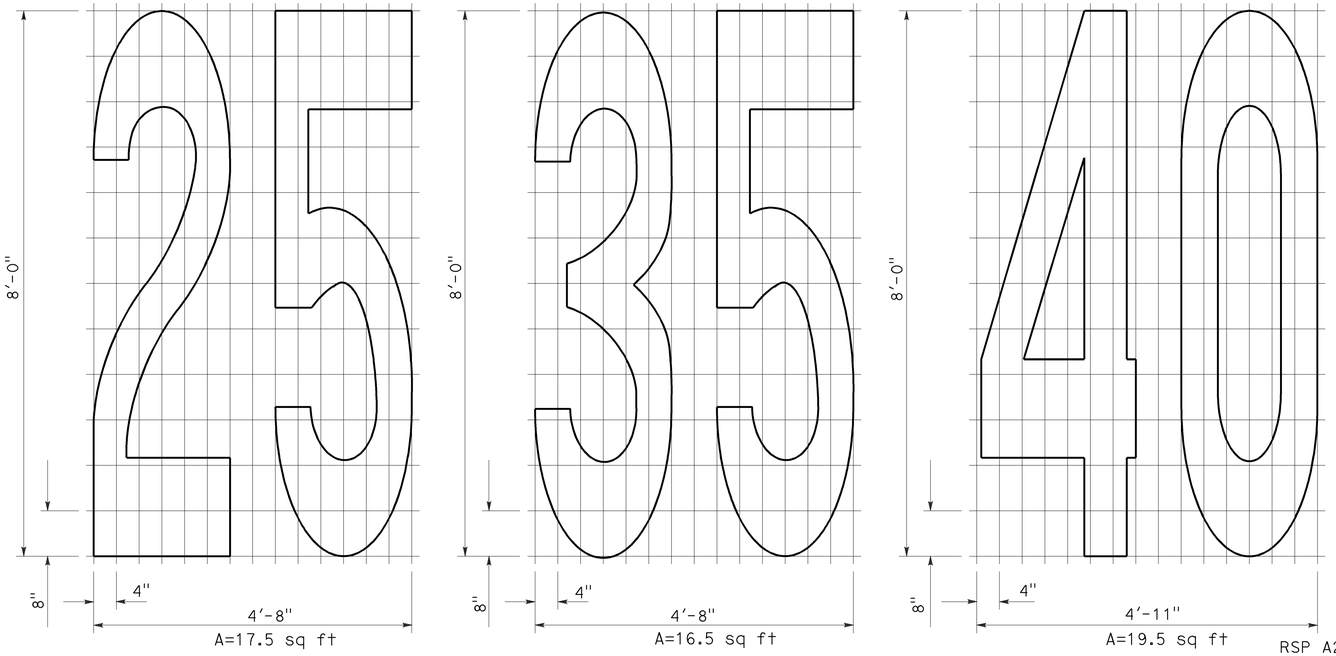
A=11 sq ft

DIAMOND SYMBOL



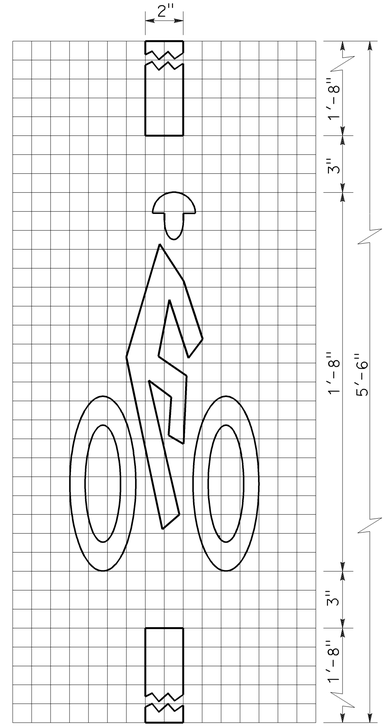
6" GRID
A (White) =9 sq ft
A (Blue) =14 sq ft

INTERNATIONAL SYMBOL OF ACCESSIBILITY MARKING



A=17.5 sq ft | A=16.5 sq ft | A=19.5 sq ft

NUMERALS



A=2 sq ft

BICYCLE LOOP DETECTOR SYMBOL

NOTE:

1. Minor variations in dimensions may be accepted by the Engineer.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	225	0.0/4.6	9	12

Donald E. Howe
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

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To accompany plans dated 12-20-10

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS SYMBOLS AND NUMERALS

NO SCALE

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

REVISED STANDARD PLAN RSP A24C

2006 REVISED STANDARD PLAN RSP A24C

5-27-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	225	0.0/4.6	10	12

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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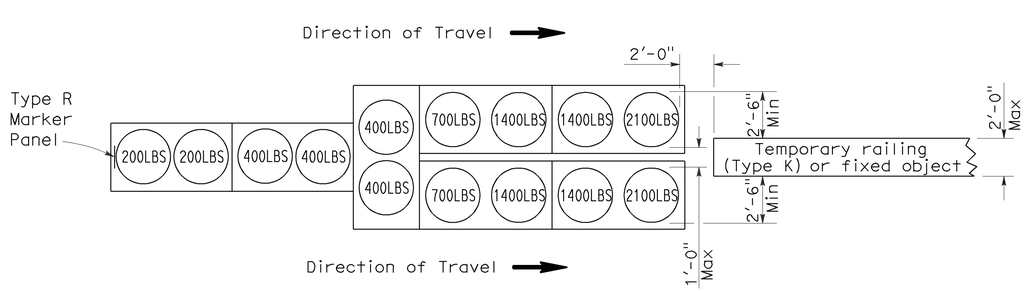
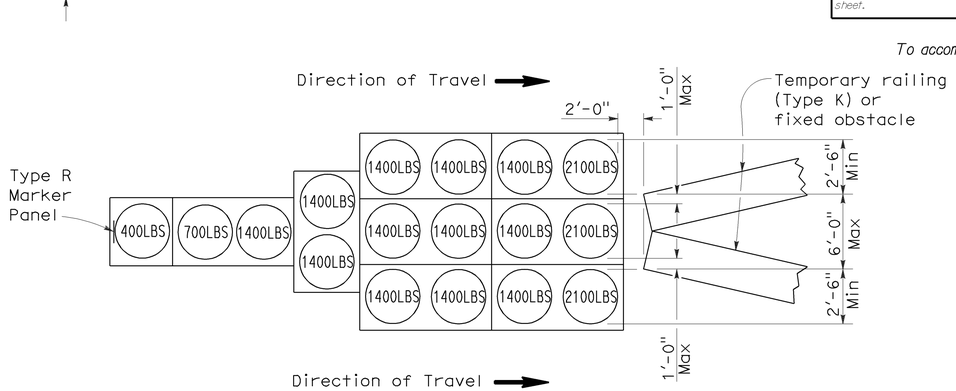
To accompany plans dated 12-20-10



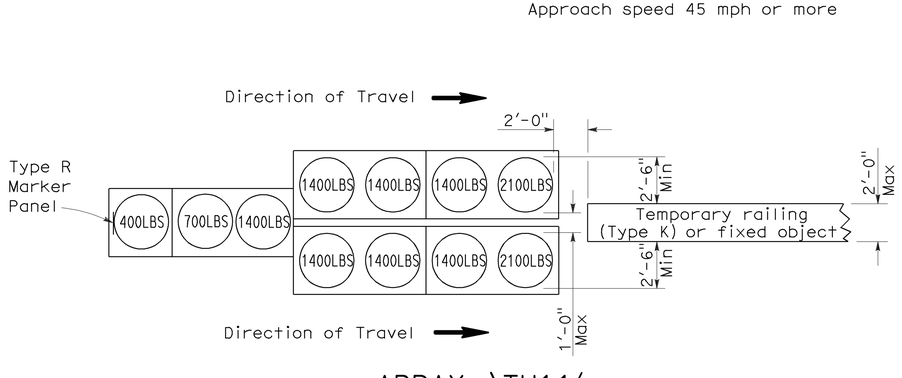
ARRAY 'TU14'

Approach speed 45 mph or more



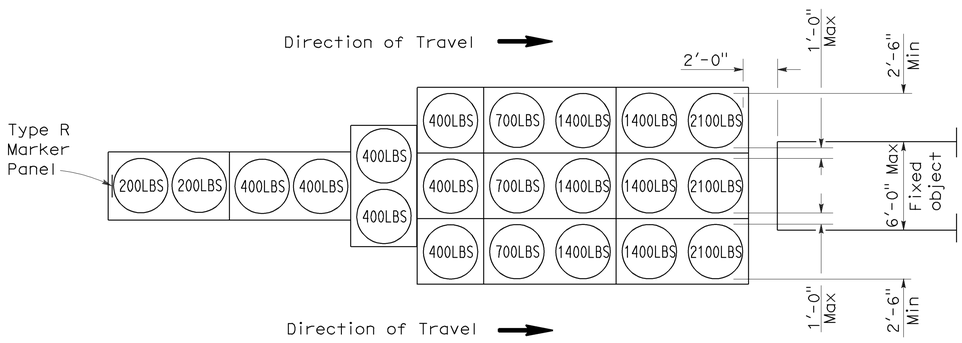
ARRAY 'TU17'

Approach speed less than 45 mph



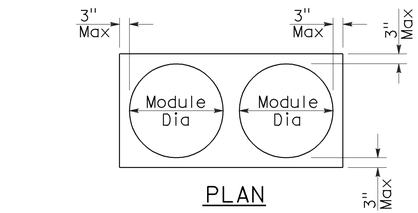
ARRAY 'TU11'

Approach speed less than 45 mph

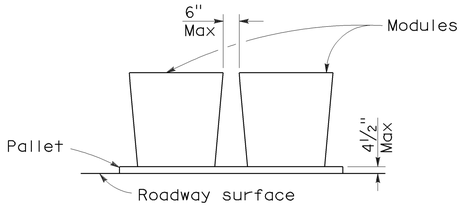


ARRAY 'TU21'

Approach speed 45 mph or more



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

NOTES:

1. (XXX) Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
2. All sand weights are nominal.
3. Temporary crash cushion arrays shall not encroach on the traveled way.
4. Place the top of Type R marker panel 1" below the module lid.
5. Refer to Standard Plan A73B for marker details.
6. Approach speeds indicated conform to NCHRP 350 Report criteria.
7. Use of pallets is optional.

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY CRASH CUSHION, SAND FILLED (UNIDIRECTIONAL)

NO SCALE

RSP T1A DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1A
DATED MAY 1, 2006 - PAGE 211 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1A

2006 REVISED STANDARD PLAN RSP T1A

5-15-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
05	SB	225	0.0/4.6	11	12

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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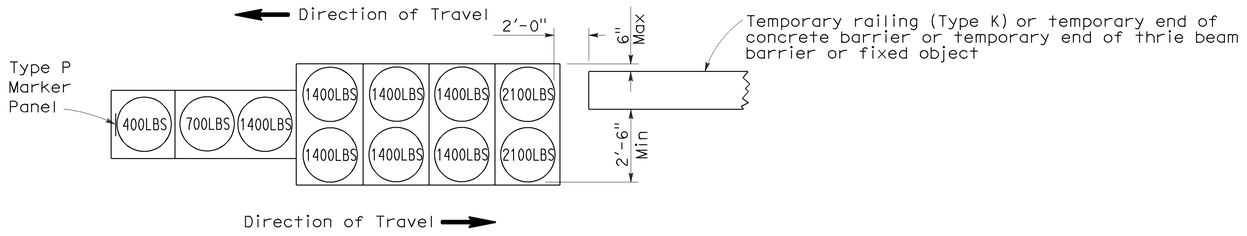
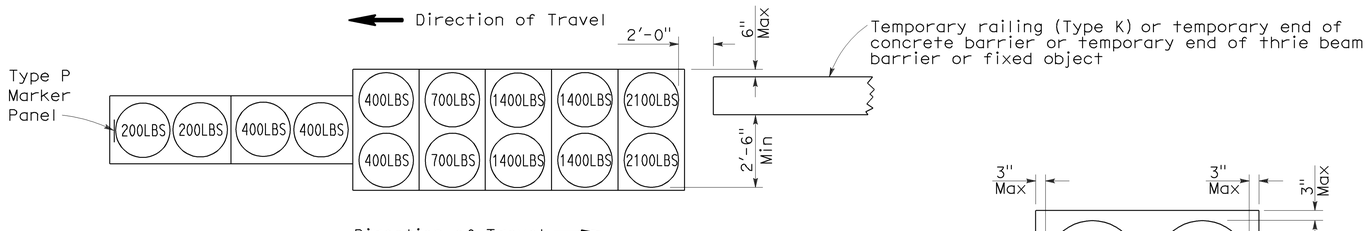
To accompany plans dated 12-20-10



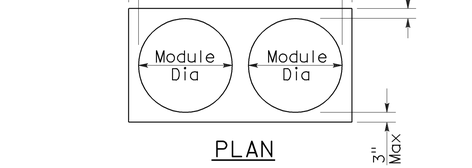
ARRAY 'TB11'

Approach speed less than 45 mph

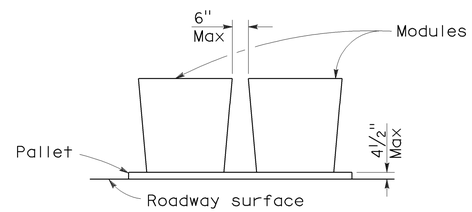


ARRAY 'TB14'

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
05	SB	225	0.0/4.6	12	12

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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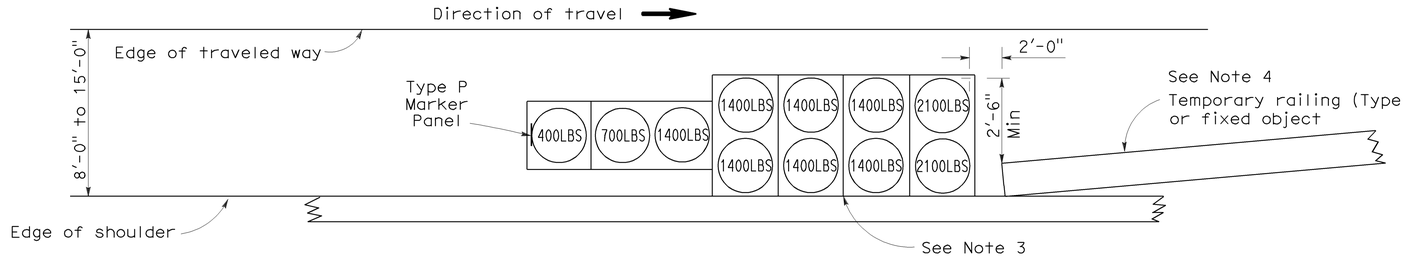
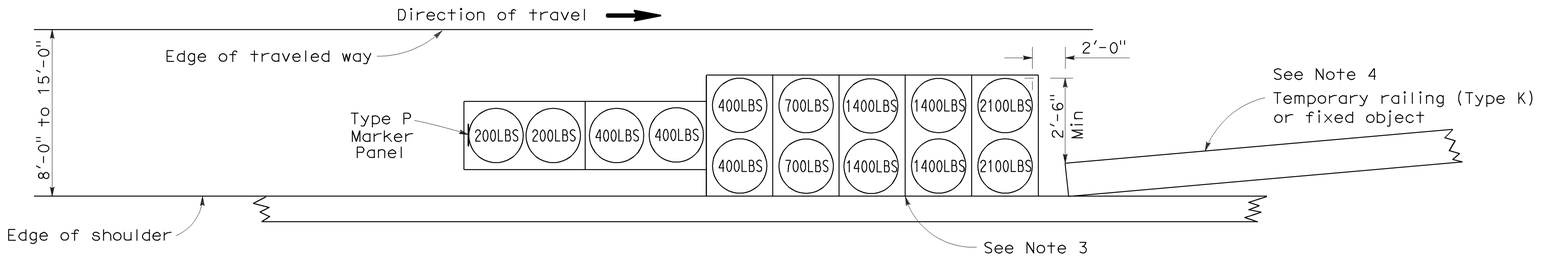
To accompany plans dated 12-20-10



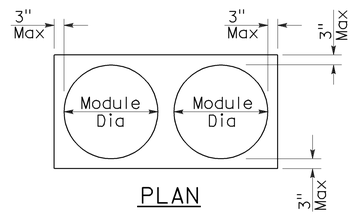
ARRAY 'TS11'

Approach speed less than 45 mph
See Note 9

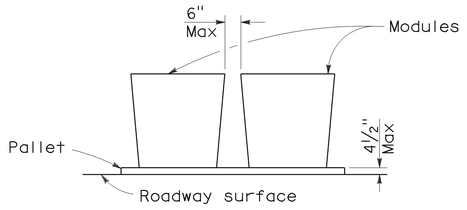


ARRAY 'TS14'

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