Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4	29.5/38.1	1	10

STATE OF CALIFORNIA

DEPARTMENT OF TRANSPORTATION

ACSTP-P0004(143)E

PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY

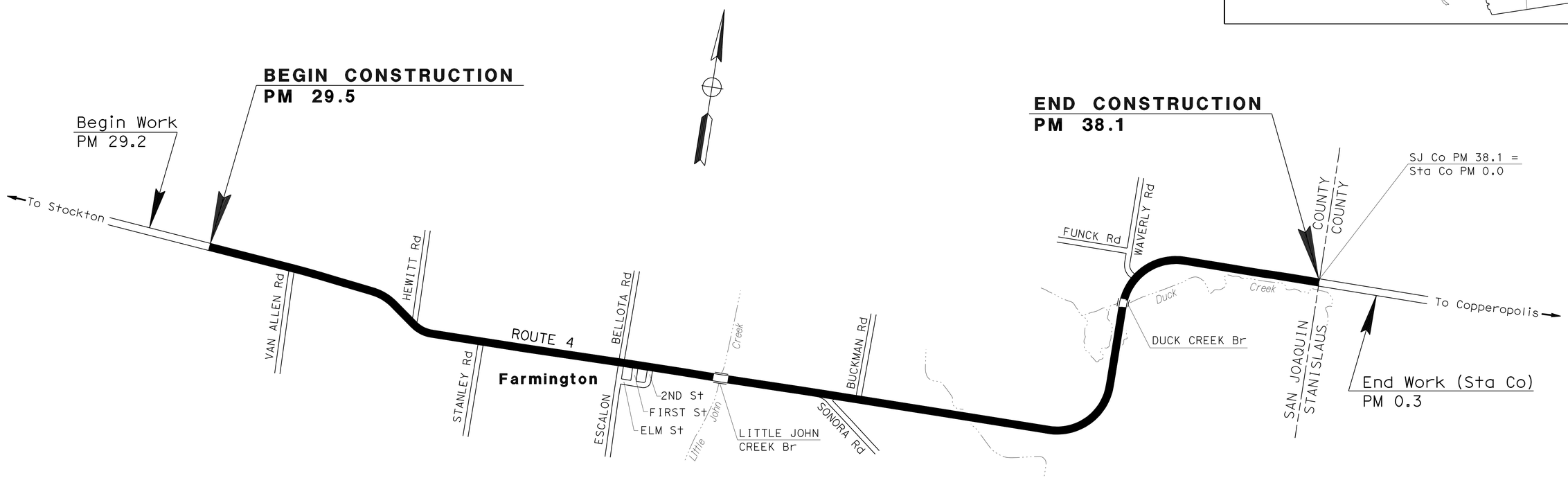
IN SAN JOAQUIN COUNTY
AT AND NEAR FARMINGTON
FROM 0.4 MILE WEST OF VAN ALLEN ROAD
TO STANISLAUS COUNTY LINE

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

INDEX OF PLANS

SHEET NO.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	TYPICAL CROSS SECTIONS
3-4	CONSTRUCTION DETAILS
5	CONSTRUCTION AREA SIGNS
6-7	SUMMARY OF QUANTITIES
8-10	REVISED STANDARD PLANS

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



PROJECT MANAGER: ALVIN MANGINDIN

DESIGN ENGINEER: ALVIN MANGINDIN

Rhodel De Claro 1/19/11
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

REGISTERED PROFESSIONAL ENGINEER
RHODEL De CLARO
No. 74058
Exp. 6/30/11
CIVIL
STATE OF CALIFORNIA

January 24, 2011
PLANS APPROVAL DATE

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

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

NO SCALE

CONTRACT No.	10-0U8404
PROJECT ID	1000020004

LAST REVISION 00-00-00 DATE PLOTTED => 15-FEB-2011 TIME PLOTTED => 13:51

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4	29.5/38.1	2	10

Rhodel De Claro 1/19/11
REGISTERED CIVIL ENGINEER DATE

1/24/11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
RHODEL De CLARO
No. 74058
Exp. 6/30/11
CIVIL
STATE OF CALIFORNIA

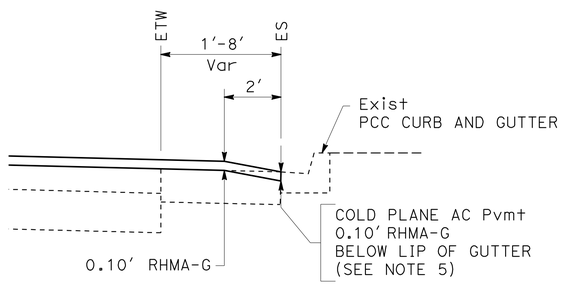
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTIONS) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.
3. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
4. FOR COLD PLANE DIMENSIONS AND LOCATIONS, SEE SUMMARY OF QUANTITIES.

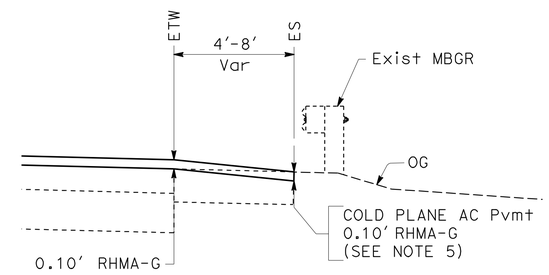
ABBREVIATION

RHMA-G - RUBBERIZED HOT MIX ASPHALT (GAP GRADED)



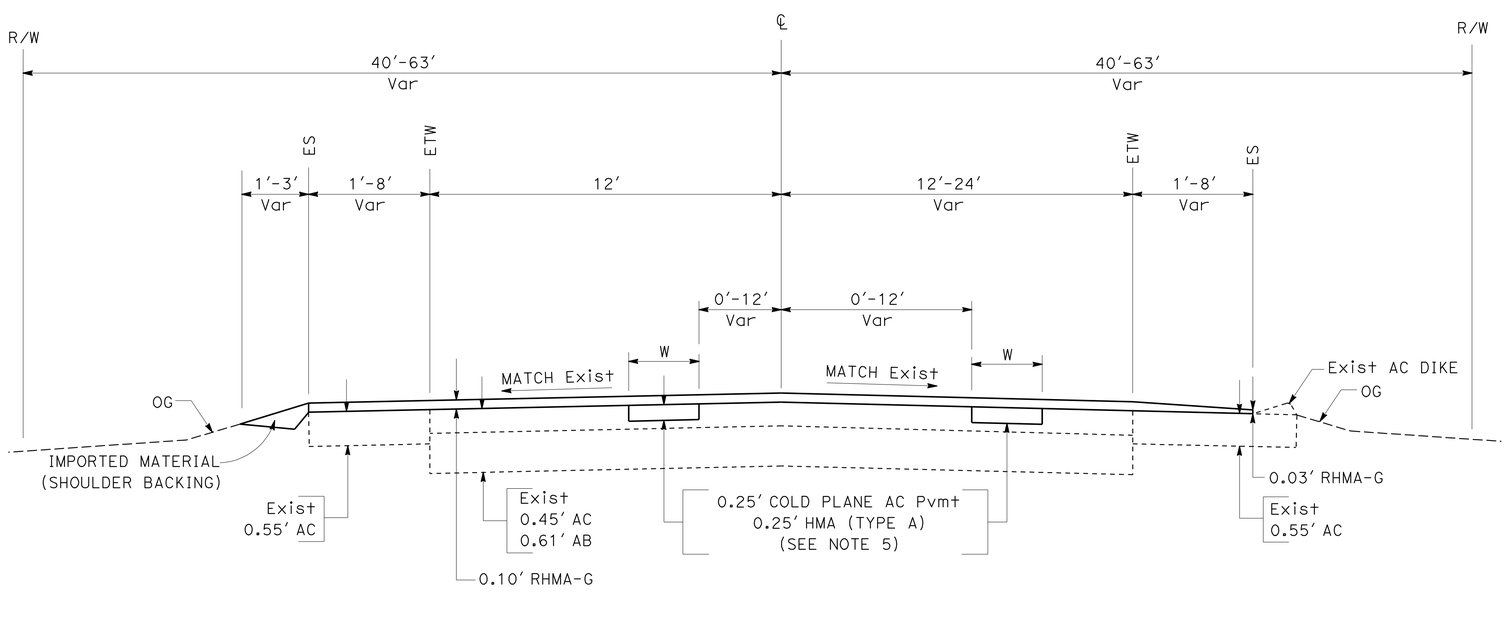
PM-33.08
(ESCALON BELLOTA ROAD)

CURB AND GUTTER



PM - 30.94 (Lt/Rt)
36.51 (Lt)

MBGR LOCATIONS



PM 29.5/38.1

ROUTE 4

TYPICAL CROSS SECTIONS

NO SCALE

X-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
MAINTENANCE

FUNCTIONAL SUPERVISOR: ALVIN MANGINDIN

CALCULATED-DESIGNED BY: RHODEL De CLARO
CHECKED BY: JOSE A ALICEA II

REVISED BY: JAA
DATE REVISED: 1/19/11

LAST REVISION: 00-00-00
DATE PLOTTED => 15-FEB-2011
TIME PLOTTED => 13:51

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4	29.5/38.1	3	10

REGISTERED CIVIL ENGINEER 1/19/11 DATE

1/24/11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER RHODEL De CLARO No. 74058 Exp. 6/30/11 CIVIL STATE OF CALIFORNIA

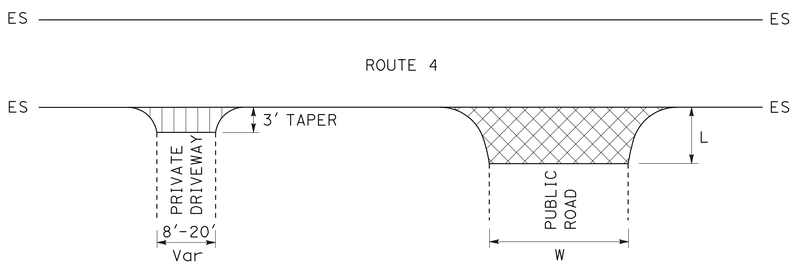
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

LEGEND

- HMA (TYPE A) PLACE HMA (Misc AREA)
- COLD PLANE AC PAVEMENT RHMA-G
- 0.25' DIGOUT HMA (TYPE A)
- 0.10' COLD PLANE AC PAVEMENT HMA (TYPE A)

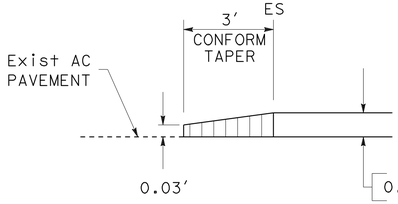
ABBREVIATION

RHMA-G - RUBBERIZED HOT MIX ASPHALT (GAP GRADED)

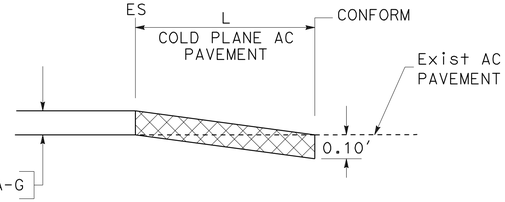


PAVING LIMITS AT PRIVATE DRIVEWAYS AND PUBLIC ROAD INTERSECTIONS

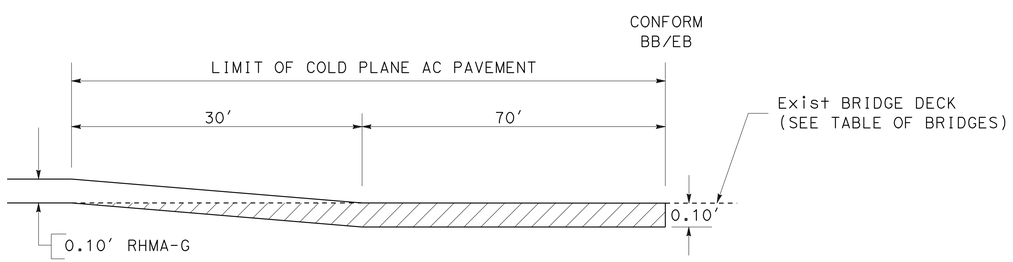
SEE PUBLIC AND PRIVATE ROAD INTERSECTION TABLE FOR LOCATIONS



PRIVATE ROAD CONFORM TAPER



PUBLIC ROAD CONFORM TAPER



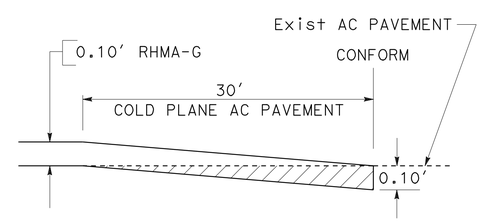
LONGITUDINAL CONFORM TAPER FOR APPROACH/DEPARTURE BRIDGE DECK

PUBLIC ROAD INTERSECTION

PM	SIDE	ROAD NAME	L	W
29.94	R†	VAN ALLEN DRIVE	20'	23'
31.00	L†	HEWITT ROAD	35'	32'
31.48	R†	STANLEY ROAD	30'	23'
33.08	R†	ESCALON BELLOTA ROAD	20'	40'
33.08	L†	ESCALON BELLOTA ROAD	30'	38'
33.14	R†	FIRST STREET	30'	30'
33.21	R†	2ND STREET	25'	30'
34.14	R†	SONORA ROAD	50'	40'
34.34	L†	BUCKMAN ROAD	26'	25'
37.00	L†	WAVERLY ROAD	50'	35'

TABLE OF BRIDGES

PM	BRIDGE NAME	BRIDGE No.
33.59	LITTLE JOHNS CREEK	29-0055
36.80	DUCK CREEK	29-0056



LONGITUDINAL CONFORM TAPER FOR EXISTING PAVEMENT

PRIVATE ROAD INTERSECTION

PM	SIDE	PM	SIDE
29.95	L†	33.25	R†
29.95		33.56	
30.07	R†	33.62	
30.35		33.62	L†
30.41		33.73	
30.46	L†	33.73	R†
30.48		33.80	L†
30.58		33.84	
30.59	R†	33.90	
31.03		33.95	
31.14	L†	33.97	
31.17		34.14	
31.30		34.40	
31.44		34.42	
31.75		34.44	
32.18		34.65	R†
32.22		34.87	L†
32.25		34.90	
32.26		34.94	
32.28	R†	35.15	
32.49	L†	35.15	R†
32.53		35.52	
32.62	R†	35.52	L†
32.75	L†	36.26	
32.87		36.53	R†
33.00	R†	36.60	L†
33.02	L†	37.53	R†
33.06		37.54	
33.09		37.56	
33.22		37.59	

NOTE: PRIVATE ROAD INTERSECTION LOCATIONS ARE APPROXIMATE AND ARE TO BE DETERMINED BY THE ENGINEER.

CONSTRUCTION DETAILS

NO SCALE

C-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE

FUNCTIONAL SUPERVISOR: ALVIN MANGINDIN
CALCULATED-DESIGNED BY: RHODEL De CLARO
CHECKED BY: JOSE A ALICEA II
REVISED BY: JAA
DATE REVISED: 1/19/11

LAST REVISION 00-00-00
DATE PLOTTED => 15-FEB-2011
TIME PLOTTED => 13:51

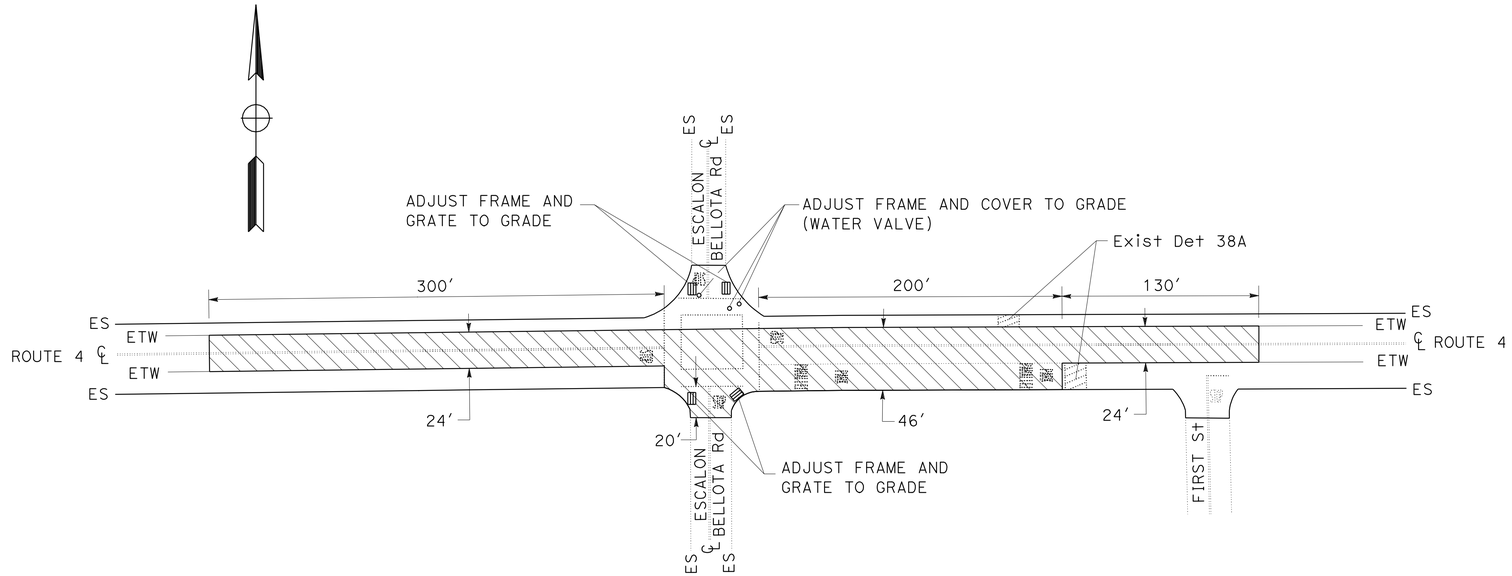
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4	29.5/38.1	4	10

Rhodel De Claro 1/19/11
REGISTERED CIVIL ENGINEER DATE

1/24/11
PLANS APPROVAL DATE

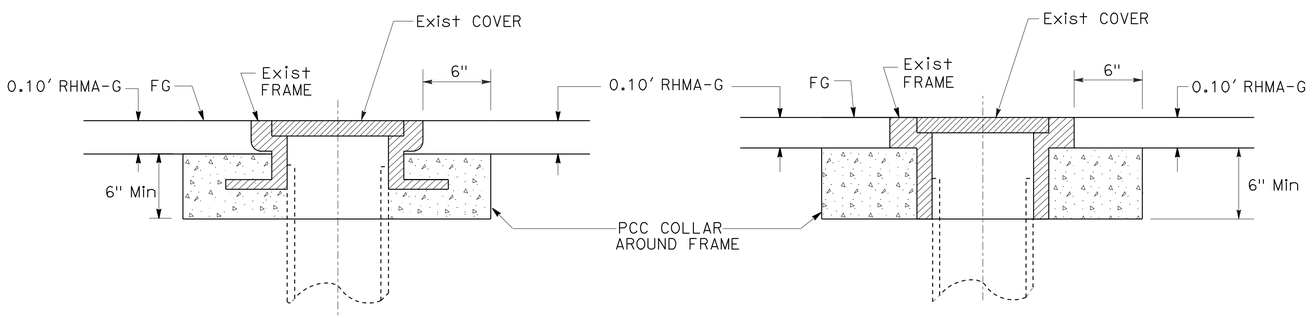
REGISTERED PROFESSIONAL ENGINEER
RHODEL De CLARO
No. 74058
Exp. 6/30/11
CIVIL
STATE OF CALIFORNIA

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.



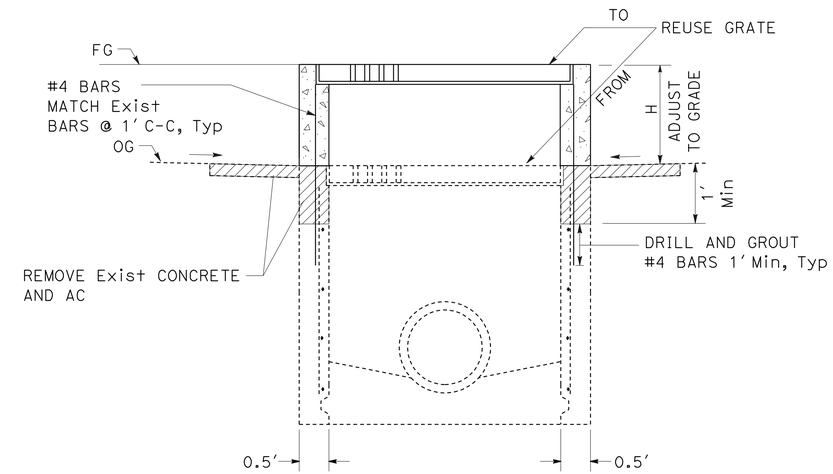
PM 33.08
(ESCALON BELLOTA ROAD)

DIGOUT DETAIL



NOTE: RHMA THICKNESS VARIES TO MEET FIELD CONDITION. MINIMUM THICKNESS 0.75" TO MAXIMUM OF 2.5". FOR ADJUSTMENTS OF MORE THAN 2.5" USE STANDARD PRECAST CONCRETE RINGS.

ADJUST FRAME AND COVER TO GRADE (WATER VALVE)



ADJUST FRAME AND GRATE TO GRADE

CONSTRUCTION DETAILS

NO SCALE

C-2

REVISED BY	DATE REVISED
JAA	1/20/11

CALCULATED-DESIGNED BY: RHODEL De CLARO
CHECKED BY: JOSE A ALICEA II
FUNCTIONAL SUPERVISOR: ALVIN MANGINDIN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans®
MAINTENANCE

LAST REVISION 00-00-00
DATE PLOTTED => 15-FEB-2011
TIME PLOTTED => 13:51

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4	29.5/38.1	5	10

Rhodel De Claro 1/19/11
REGISTERED CIVIL ENGINEER DATE

1/24/11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
RHODEL De CLARO
No. 74058
Exp. 6/30/11
CIVIL
STATE OF CALIFORNIA

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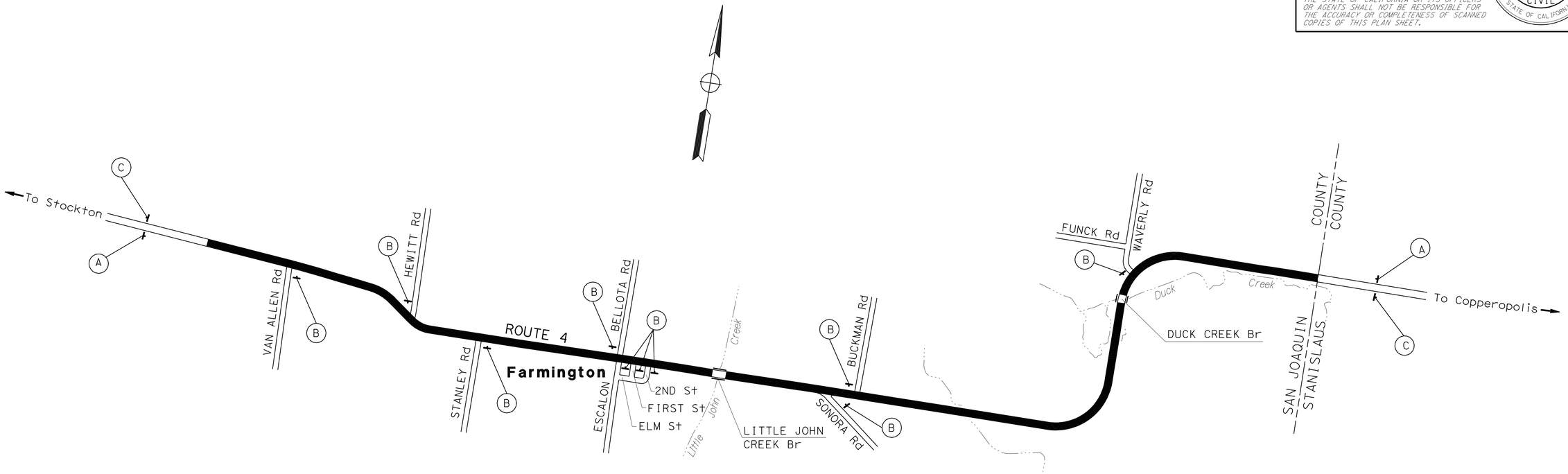


STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN	SIGN CODE	PANEL SIZE	No. OF POSTS AND SIZE	No. OF SIGNS	SIGN MESSAGE
A	G20-1	36" x 18"	1 - 4" x 4"	2	ROAD WORK NEXT 9 MILES
B	W20-1	36" X 36"	1 - 4" X 6"	10	ROAD WORK AHEAD
C	G20-2	36" x 18"	1 - 4" x 4"	2	END ROAD WORK

NOTE: EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.

THIS PLAN ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY.

CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

CALCULATED-DESIGNED BY	RHODEL De CLARO
CHECKED BY	JOSE A ALICEA II
REVISED BY	JAA
DATE REVISED	1/13/11
FUNCTIONAL SUPERVISOR	ALVIN MANGINDIN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
MAINTENANCE

LAST REVISION 00-00-00
DATE PLOTTED => 15-FEB-2011
TIME PLOTTED => 13:52

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4	29.5/38.1	6	10

REGISTERED CIVIL ENGINEER 1/19/11 DATE

1/24/11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER RHODEL De CLARO No. 74058 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.

ABBREVIATION

RHMA-G - RUBBERIZED HOT MIX ASPHALT (GAP GRADED)

NOTES:

1. * - TOTAL INCLUDED IN ROADWAY ITEMS TABLE.
2. ** - SEE SHEET C-2 FOR DIGOUT DETAILS.
3. (N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

DIGOUTS

LOCATION		LENGTH (N)	WIDTH (N)	COLD PLANE AC Pvmt	HMA (TYPE A)
PM	SIDE			SQYD	TON
31.60	EB	585'	6'	390	66
31.90	EB	535'	6'	357	61
32.00	EB	900'	6'	600	102
32.30	EB	660'	6'	440	75
32.40	EB	305'	6'	204	35
32.60	EB	605'	6'	404	69
32.90	WB	800'	12'	1067	180
33.08	EB/WB	**	**	2530	427
			TOTAL	5992 *	1015 *

CONFORM TAPERS

LOCATION	PM	SIDE	LENGTH (N)	WIDTH (N)	COLD PLANE AC Pvmt	RHMA-G	HMA (TYPE A)
					SQYD	TON	TON
BEGIN CONSTRUCTION	29.50		30'	40'	134	9	
VAN ALLEN DRIVE	29.94	R	20'	23'	52		4
HEWITT ROAD	31.00	L	35'	32'	125		9
STANLEY ROAD	31.48	R	30'	23'	77		6
ESCALON BELLOTA ROAD	33.08	R	20'	40'	89		6
ESCALON BELLOTA ROAD	33.08	L	30'	38'	127		9
FIRST STREET	33.14	R	30'	30'	100		7
2ND STREET	33.21	R	25'	30'	84		6
LITTLE JOHNS CREEK BRIDGE	33.59		200'	44'	978		66
SONORA ROAD	34.14	R	50'	40'	223		15
BUCKMAN ROAD	34.34	L	26'	25'	73		5
DUCK CREEK BRIDGE	36.80		200'	44'	978		66
WAVERLY ROAD	37.00	L	50'	35'	195		14
END CONSTRUCTION	37.80		30'	24'	80	6	
PRIVATE DRIVEWAYS							27
				TOTAL	3315 *	15 *	240 *

ADJUST FRAME AND COVER TO GRADE

LOCATION	PM	DESCRIPTION	EA
ESCALON BELLOTA ROAD	33.08	WATER	3

ADJUST FRAME AND GRATE TO GRADE

LOCATION	PM	DESCRIPTION	EA
ESCALON BELLOTA ROAD	33.08	GRATE	4

CONFORM TAPERS AT CURB AND GUTTER

LOCATION	SIDE	LENGTH (N)	WIDTH (N)	COLD PLANE AC Pvmt	RHMA-G
PM				SQYD	TON
33.08	EB	90'	2'	20 *	2 *

CONFORM TAPERS AT MBGR

LOCATION	SIDE	LENGTH (N)	WIDTH (N)	COLD PLANE AC Pvmt	RHMA-G
PM				SQYD	TON
30.94	EB	140'	8'	125	9
30.94	WB	140'	8'	125	9
36.51	WB	600'	4'	167	18
			TOTAL	517 *	36 *

SUMMARY OF QUANTITIES

Q-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE

FUNCTIONAL SUPERVISOR: ALVIN MANGINDIN
CALCULATED-DESIGNED BY: RHODEL De CLARO
CHECKED BY: JOSE A ALICEA II
REVISED BY: JAA
DATE REVISED: 1/13/11

LAST REVISION 00-00-00
DATE PLOTTED => 15-FEB-2011
TIME PLOTTED => 13:52

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
10	SJ	4	29.5/38.1	7	10

Rhodel De Claro 1/19/11
REGISTERED CIVIL ENGINEER DATE

1/24/11
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
RHODEL De CLARO
No. 74058
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.

ROADWAY ITEMS

LOCATION	COLD PLANE AC PAVEMENT	RUBBERIZED HOT MIX ASPHALT (GAP GRADED)	HOT MIX ASPHALT (TYPE A)	TACK COAT	IMPORTED MATERIAL (SHOULDER BACKING)	PLACE HMA (Misc AREA)
	SQYD	TON				SQYD
PM 29.5/38.1		11,966		83	4910	
DIGOUTS	5992		1015	3		
CONFORM TAPERS AT MBGR	517	36		1		
CONFORM TAPERS AT CURB AND GUTTER	20	2		1		
CONFORM TAPERS	3315	15	240	2		400
TOTAL	9844	12,019	1255	90	4910	400

TRAFFIC MANAGEMENT SYSTEM ELEMENT (EXISTING)

LOCATION	PM	TYPE	DESCRIPTION
EAST OF ESCALON BELLOTA ROAD	33.08	TMS	TRAFFIC MONITORING STATION
WEST OF ESCALON BELLOTA ROAD	33.08	TMS	TRAFFIC MONITORING STATION

NOTE: TRAFFIC MANAGEMENT SYSTEM ELEMENTS LOCATIONS ARE APPROXIMATE.

PAVEMENT DELINEATION ITEMS

LOCATION	REMOVE THERMOPLASTIC TRAFFIC STRIPE		THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)							REMOVE YELLOW THERMOPLASTIC PAVEMENT MARKING (HAZARDOUS WASTE)	REMOVE THERMOPLASTIC PAVEMENT MARKING	THERMOPLASTIC PAVEMENT MARKING								REMOVE PAVEMENT MARKER (N)	PAVEMENT MARKER (RETROREFLECTIVE)				
			4" WHITE		4" YELLOW			8" WHITE													TYPE D			TYPE G	TYPE H
	DETAIL 38	DETAIL 38	DETAIL 27B	DETAIL 27C	DETAIL 6	DETAIL 19	DETAIL 22	DETAIL 38	DETAIL 38A	SCHOOL		SCHOOL	LIMIT LINE	STOP	AHEAD	PARK	PARALLEL	TYPE I 24'-0 ARROW	TYPE III (L) ARROW		DETAIL 6	DETAIL 19	DETAIL 22	DETAIL 38	DETAIL 19
	LF		LF							SQFT	SQFT	SQFT								EA	EA				
29.5/38.1	320	520	90,816	965	29,990	7814	7919	260	160	70	348	70	721	308	62	50	86	31	84	1893	642	183	710	12	346
TOTAL	840		137,924							70	348	1412									1893				

SUMMARY OF QUANTITIES

Q-2

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE

FUNCTIONAL SUPERVISOR: ALVIN MANGINDIN
CALCULATED-DESIGNED BY: RHODEL De CLARO
CHECKED BY: JOSE A ALICEA II
REVISED BY: JAA
DATE REVISED: 1/13/11

LAST REVISION 00-00-00
DATE PLOTTED => 15-FEB-2011
TIME PLOTTED => 13:52

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	SJ	4	29.5/38.1	8	10

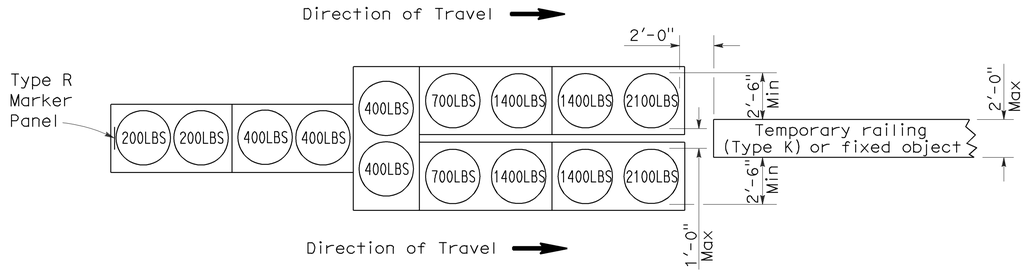
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

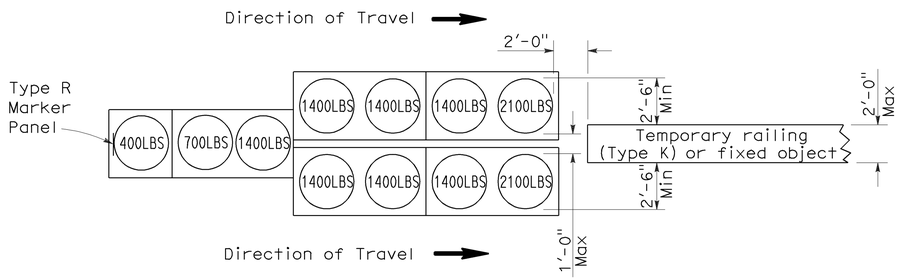
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 1/24/11



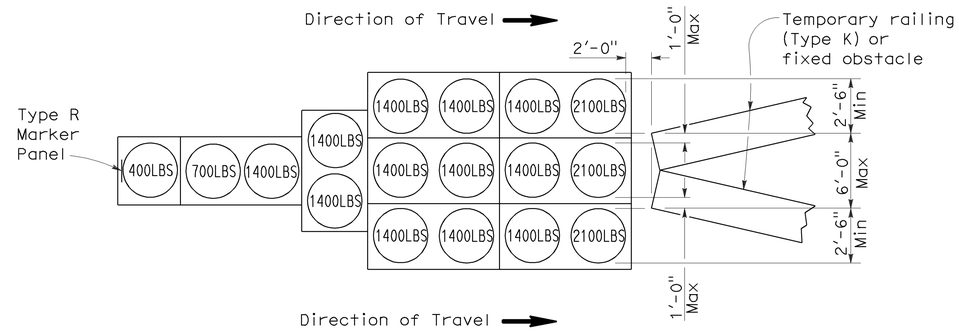
ARRAY 'TU14'

Approach speed 45 mph or more



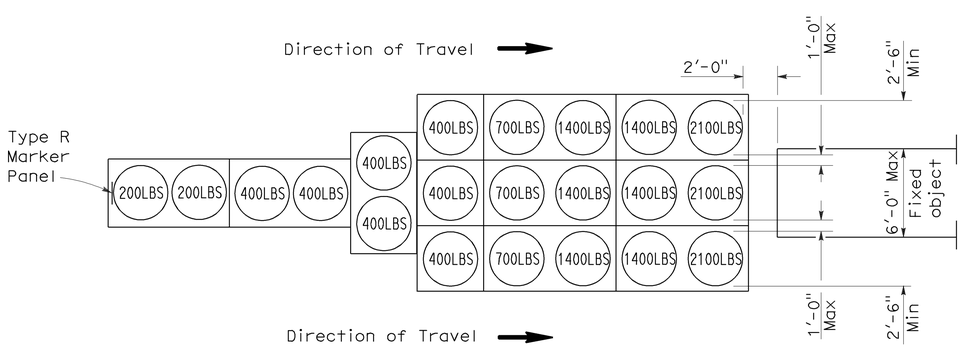
ARRAY 'TU11'

Approach speed less than 45 mph



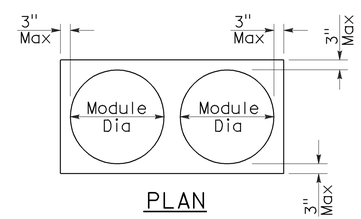
ARRAY 'TU17'

Approach speed less than 45 mph

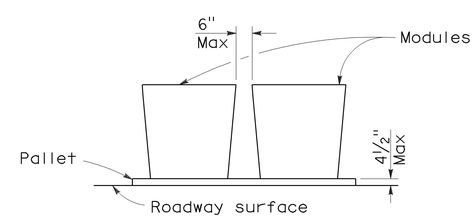


ARRAY 'TU21'

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

5-15-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
10	SJ	4	29.5/38.1	9	10

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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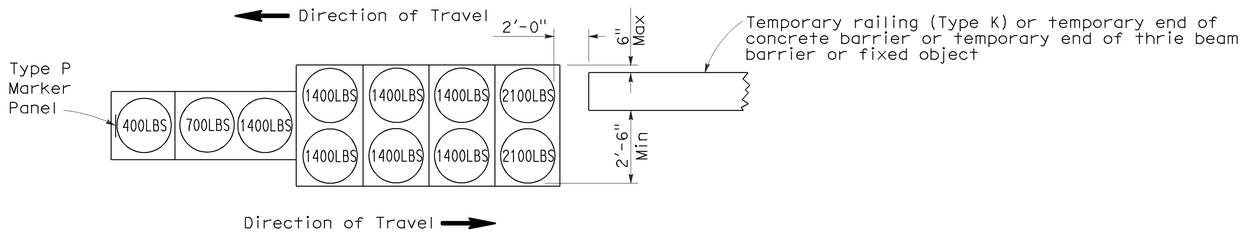
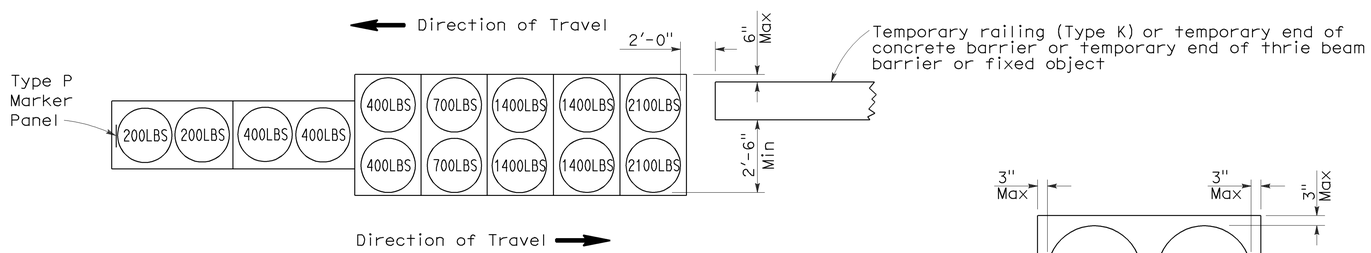
To accompany plans dated 1/24/11



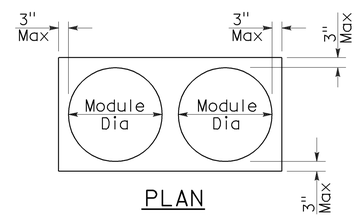
ARRAY 'TB11'

Approach speed less than 45 mph

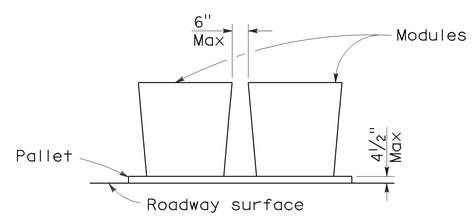


ARRAY 'TB14'

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
10	SJ	4	29.5/38.1	10	10

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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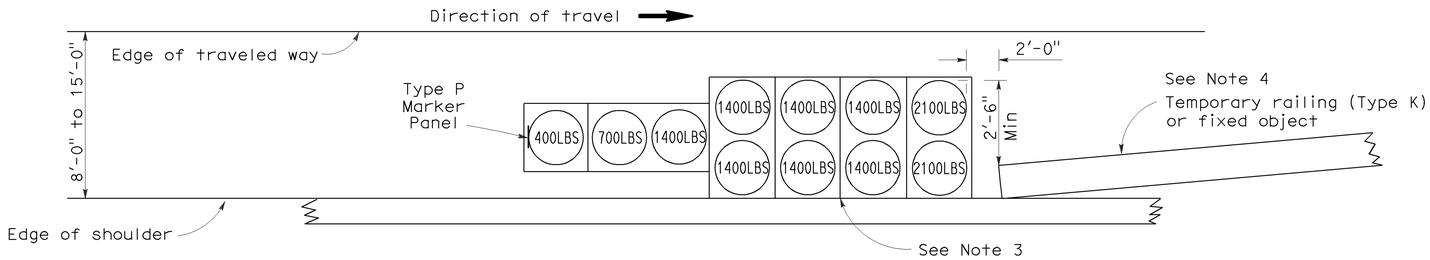
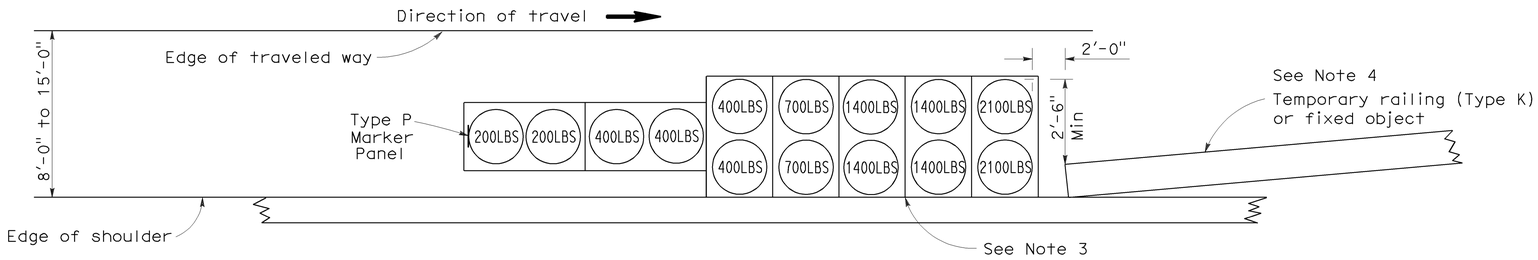
To accompany plans dated 1/24/11



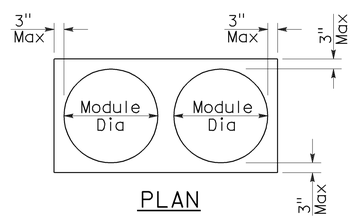
ARRAY 'TS11'

Approach speed less than 45 mph
See Note 9

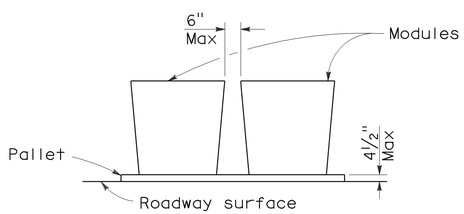


ARRAY 'TS14'

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