

STATE OF CALIFORNIA ACSTP-P161(003)E
DEPARTMENT OF TRANSPORTATION

**PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN SISKIYOU COUNTY NEAR DORRIS FROM
4.5 MILES TO 7.0 MILES EAST OF ROUTE 97**

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

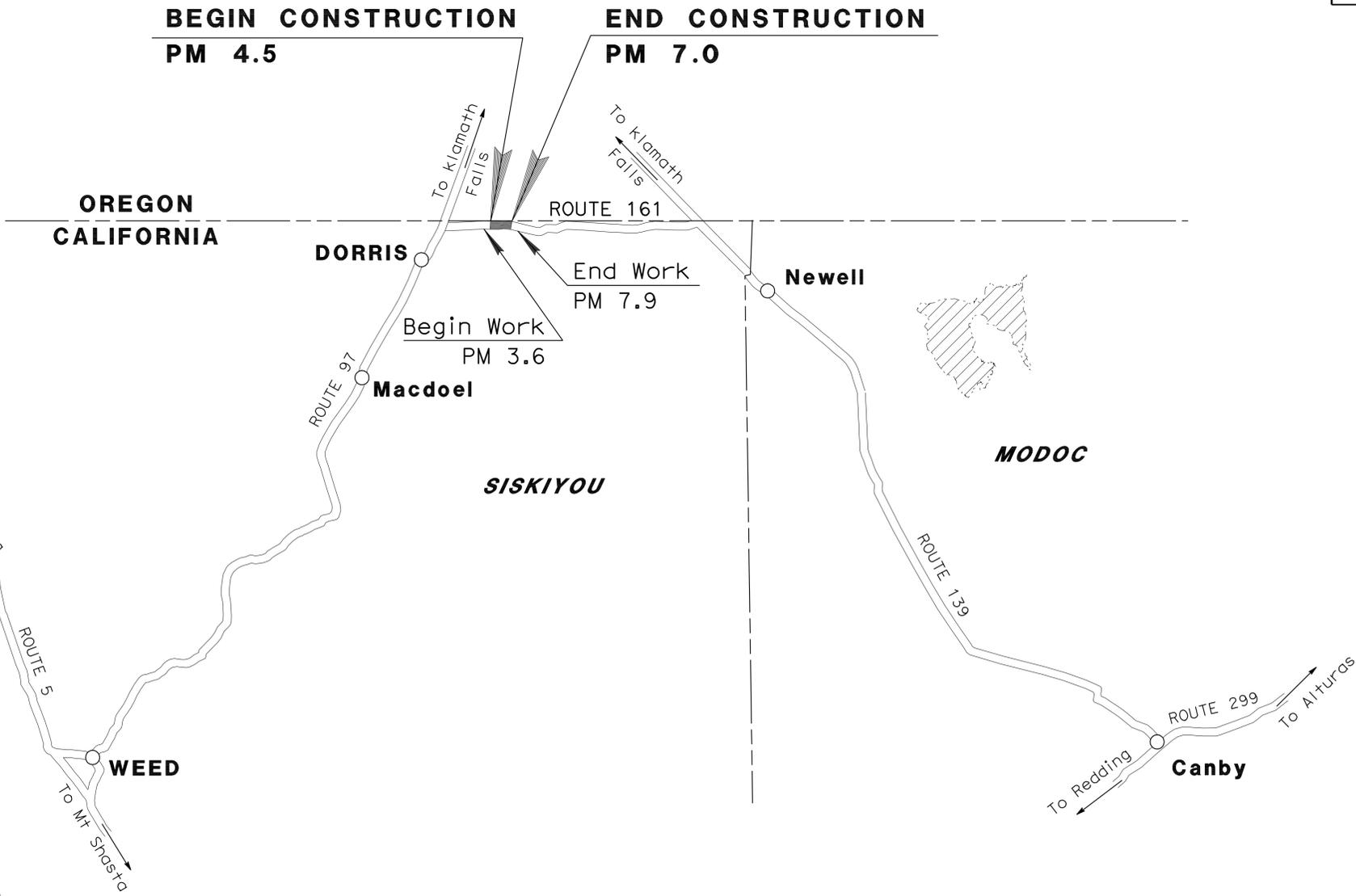
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sis	161	4.5/7.0	1	8

LOCATION MAP

INDEX OF SHEETS

SHEET No.	DESCRIPTION
1	TITLE SHEET
2	TYPICAL CROSS SECTIONS
3	CONSTRUCTION AREA SIGNS
4	PAVEMENT DELINEATION DETAILS
5	SUMMARY OF QUANTITIES
6-8	REVISED STANDARD PLANS

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



Scott C. Gregory 01-27-11
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

January 27, 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.



CONTRACT No.	02-3E0404
PROJECT ID	0200020030

NO SCALE



USERNAME => s115152
DGN FILE => 23E040ab001.dgn

PROJECT MANAGER
LANCE BROWN
DESIGN ENGINEER
LANCE BROWN

DATE PLOTTED => 22-FEB-2011
TIME PLOTTED => 13:16
LAST REVISION
01-27-11

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sis	161	4.5/7.0	2	8

<i>Scott C. Gregory</i>	01-27-11
REGISTERED CIVIL ENGINEER	DATE
01-27-11	
PLANS APPROVAL DATE	

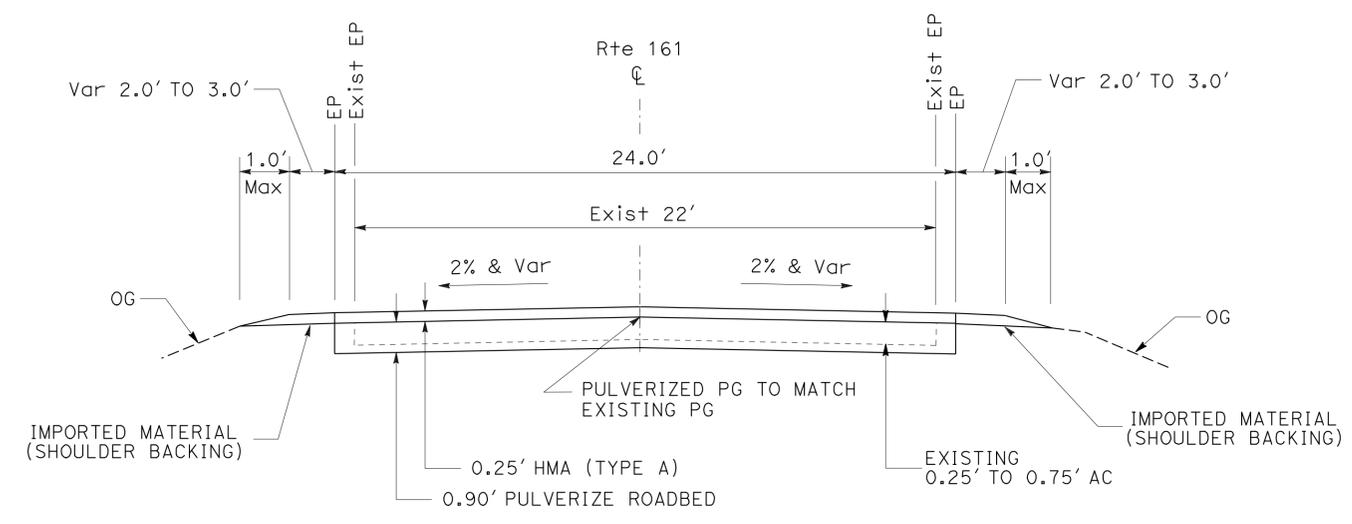
REGISTERED PROFESSIONAL ENGINEER	SCOTT C. GREGORY
No. C75565	
Exp. 06-30-12	
CIVIL	

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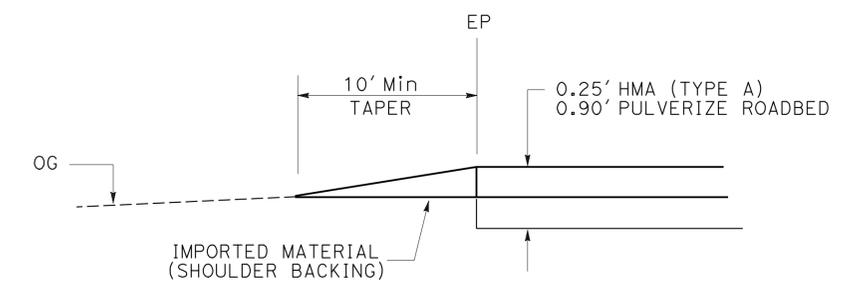
NOTES:

- DIMENSIONS OF THE STRUCTURAL SECTIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
- SUPERELEVATION AS SHOWN OR AS DIRECTED BY THE ENGINEER.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

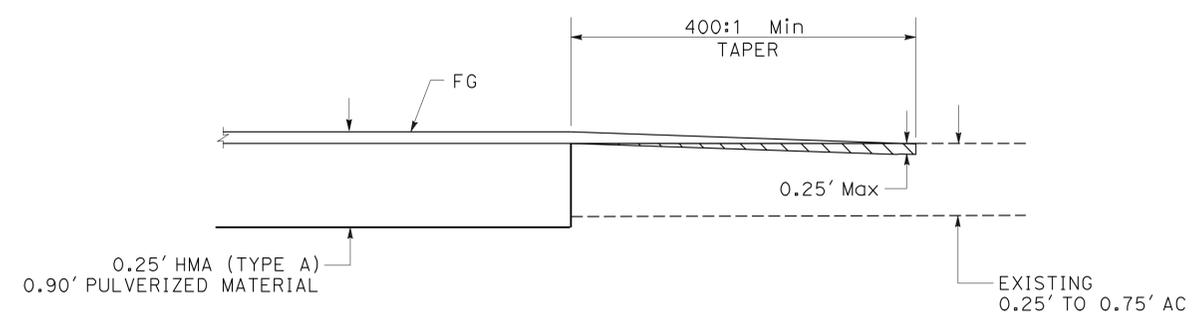
LEGEND



TYPICAL CROSS SECTION
PM 4.5 TO 7.0



CONFORM TAPER AT NON-PAVED DRIVEWAYS
PM 5.90 Lt
PM 5.91 Lt & Rt



MAINLINE CONFORM TAPER

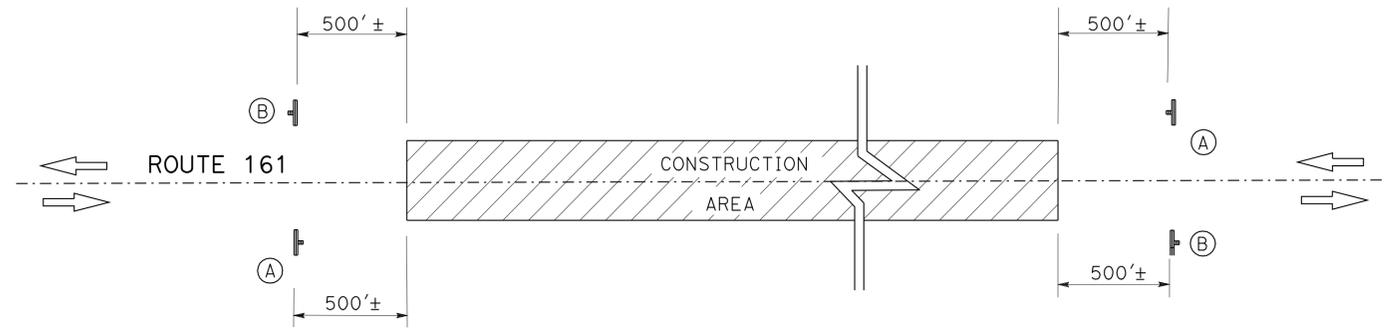
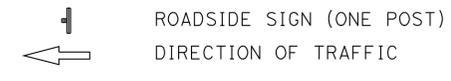
TYPICAL CROSS SECTIONS
NO SCALE
X-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE
 FUNCTIONAL SUPERVISOR LANCE BROWN
 CALCULATED/DESIGNED BY SCOTT GREGORY
 CHECKED BY KARLIE SMITH
 REVISOR BY DATE
 REVISOR BY DATE

NOTES:

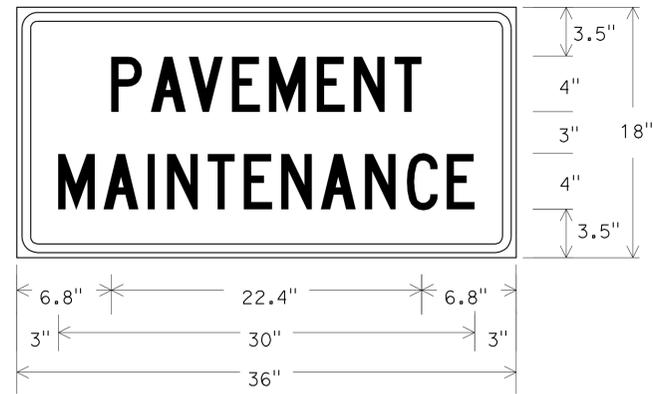
1. EXACT SIGN LOCATION TO BE DETERMINED BY THE ENGINEER.
2. CALIFORNIA CODES ARE DESIGNATED BY (CA), OTHERWISE FEDERAL CODES ARE SHOWN.
3. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

LEGEND



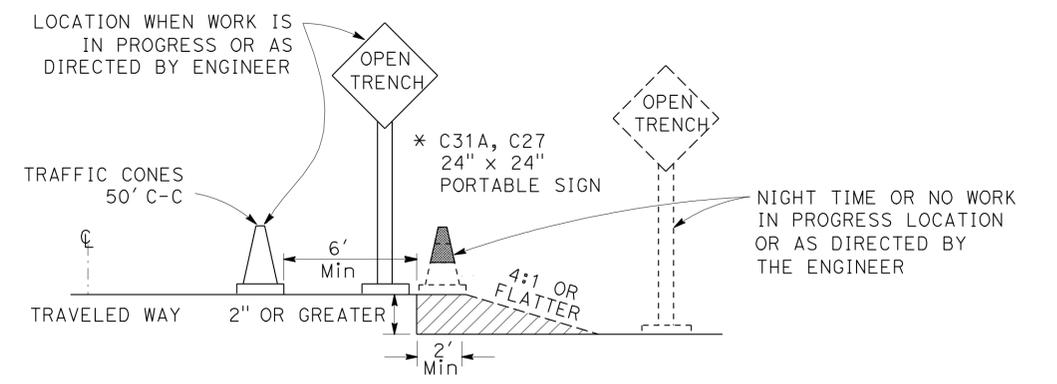
CONSTRUCTION AREA SIGNS
(STATIONARY MOUNTED)

TYPE	CODE	PANEL SIZE	SIGN MESSAGE	No. OF POSTS AND SIZE	No. OF SIGNS
Ⓐ	W20-1 C23B(CA)	36" x 36" 36" x 18"	ROAD WORK AHEAD "PAVEMENT MAINTENANCE"	1- 4" x 6"	2
Ⓑ	G20-2	36" x 18"	END ROAD WORK	1- 4" x 4"	2



1.5" RADIUS, 0.6" BORDER, 0.4" INDENT, BLACK ON ORANGE;
 [PAVEMENT] C;
 [MAINTENANCE] C;

C23B(CA) SIGN PANEL DETAIL



OPEN TRENCH SIGNING AND MARKING

* THE OPEN TRENCH AREA ALTERNATE C27(CA) (OPEN TRENCH) AND C31A(CA) (NO SHOULDER) SIGNS PLACE AT 500' INTERVALS

CONSTRUCTION AREA SIGNS
NO SCALE
CS-1

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 Caltrans
 MAINTENANCE
 FUNCTIONAL SUPERVISOR LANCE BROWN
 CALCULATED-DESIGNED BY
 CHECKED BY
 SCOTT GREGORY
 KARLIE SMITH
 REVISED BY
 DATE REVISED

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sis	161	4.5/7.0	4	8

<i>Scott C. Gregory</i>	01-27-11
REGISTERED CIVIL ENGINEER	DATE
01-27-11	
PLANS APPROVAL DATE	

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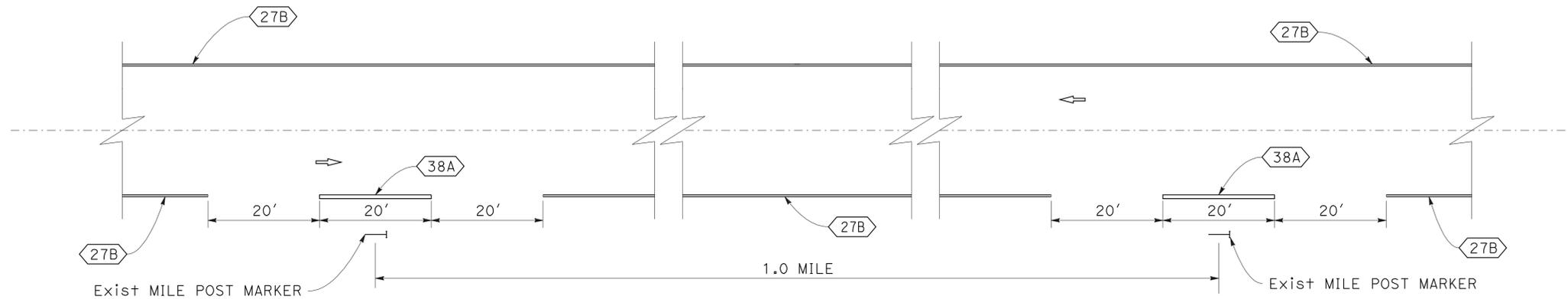


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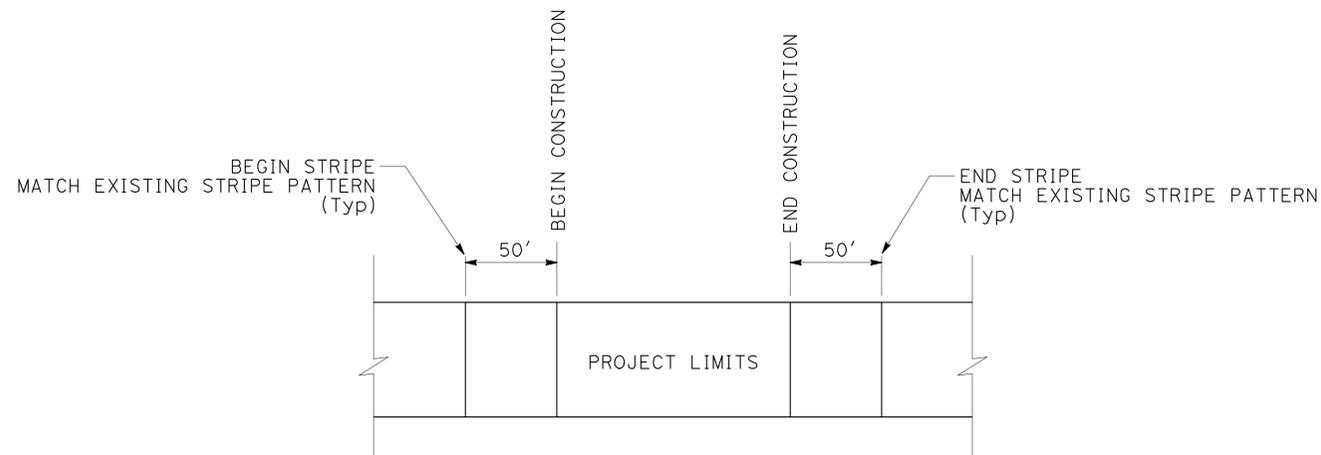
1. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

LEGEND

- ⇒ Dir OF TRAFFIC
- xxx TRAFFIC STRIPE DETAIL No.



TYPICAL MILE POST STRIPE



TRAFFIC STRIPE MATCH DETAIL

PAVEMENT DELINEATION DETAILS

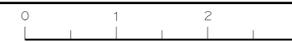
NO SCALE

PDD-1

THIS PLAN ACCURATE FOR PAVEMENT DELINEATION WORK ONLY.

USERNAME => s115152
DGN FILE => 23E040nb001.dgn

RELATIVE BORDER SCALE IS IN INCHES



UNIT 0156

PROJECT NUMBER & PHASE

02000200301

BORDER LAST REVISED 7/2/2010

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE

FUNCTIONAL SUPERVISOR
LANCE BROWN

CALCULATED-DESIGNED BY
CHECKED BY

SCOTT GREGORY
KARLIE SMITH

REVISED BY
DATE REVISED

x

x

x

x

x

LAST REVISION | DATE PLOTTED => 22-FEB-2011
01-21-11 | TIME PLOTTED => 13:16

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sis	161	4.5/7.0	5	8

Scott C. Gregory 01-27-11
 REGISTERED CIVIL ENGINEER DATE
 01-27-11
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
 SCOTT C. GREGORY
 No. C75565
 Exp. 06-30-12
 CIVIL
 STATE OF CALIFORNIA

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NOTES:

- (N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.
- EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

x
 x
 x
 x
 x
 x
 STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
 MAINTENANCE
 LANCE BROWN
 FUNCTIONAL SUPERVISOR
 SCOTT GREGORY
 KARLIE SMITH
 REVISOR BY
 DATE REVISOR
 CALCULATED-DESIGNED BY
 CHECKED BY

COLD PLANE ASPHALT CONCRETE PAVEMENT

POST MILE LIMITS	(N) LENGTH	(N) WIDTH	AREA	REMARKS
	LF	LF	SQYD	
4.5	100	24	267	MAINLINE CONFORM TAPER
7.0	100	24	267	MIANLINE CONFORM TAPER
TOTAL			534	

DELINEATION AND SIGNS

POST MILE LIMITS	L+	R+	RESET ROADSIDE SIGN (ONE POST)	REMOVE DELINEATOR	DELINEATOR CLASS 2	REMARKS
			EA	EA	EA	
4.50/7.00	X	X		90	90	300' SPACING
5.95	X		1			
6.00	X	X	2			
6.11	X	X	2			
TOTAL			5	90	90	

ROADWAY QUANTITY SUMMARY

POST MILE LIMITS	(N) LENGTH	(N) WIDTH	HOT MIX ASPHALT (TYPE A)	IMPORT MATERIAL (SHOULDER BACKING)	PULVERIZE ROADBED	TACK COAT
PM - PM	LF	LF	TON	TON	Sta	TON
4.50/4.78	1494	24	6098	3927	132	11
4.78/5.00	1146	24				
5.00/5.29	1515	24				
5.29/5.50	1125	24				
5.50/5.78	1452	24				
5.78/6.00	1188	24				
6.00/6.26	1373	24				
6.26/6.50	1267	24				
6.50/6.80	1558	24				
6.80/7.00	1082	24				
TOTAL			6098	3927	132	11

THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)

Co-Rte	PM/PM	DETAIL 5	DETAIL 27B	DETAIL 38A
		LF	LF	LF
Sis-161	4.5/7.0	13,300	26,600	60
TOTAL		39,960		

SUMMARY OF QUANTITIES Q-1

LAST REVISION DATE PLOTTED => 22-FEB-2011
 01-21-11 TIME PLOTTED => 13:16

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Sis	161	4.5/7.0	6	8

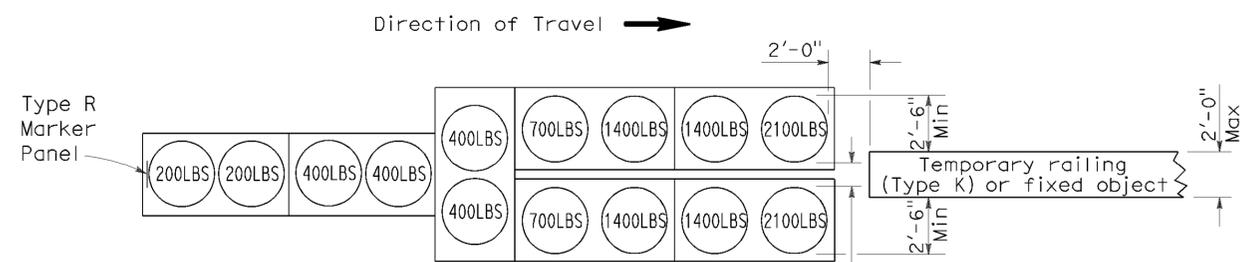
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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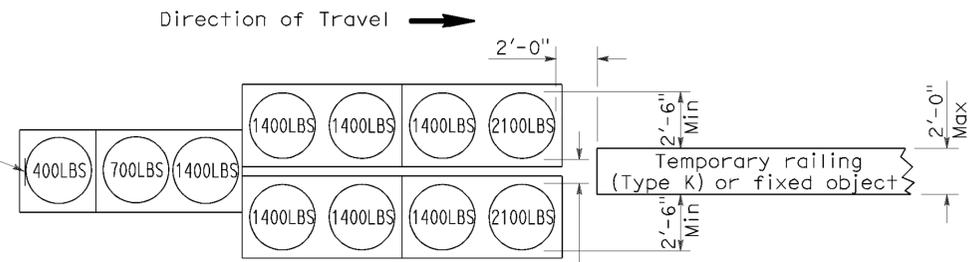
REGISTERED PROFESSIONAL ENGINEER
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

To accompany plans dated 01-27-11



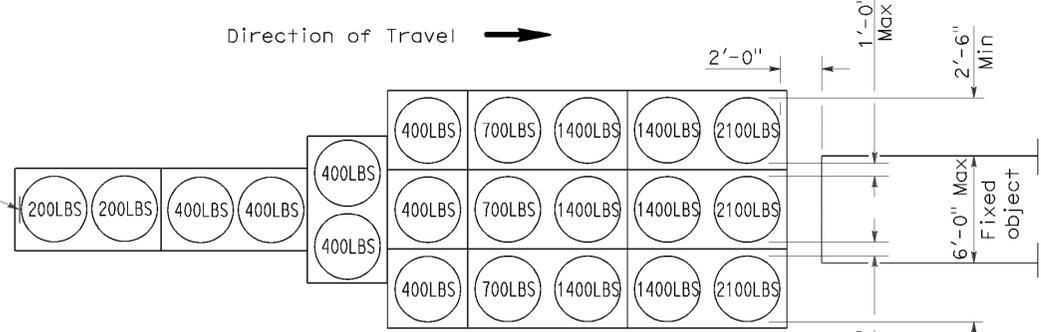
ARRAY 'TU14'

Approach speed 45 mph or more



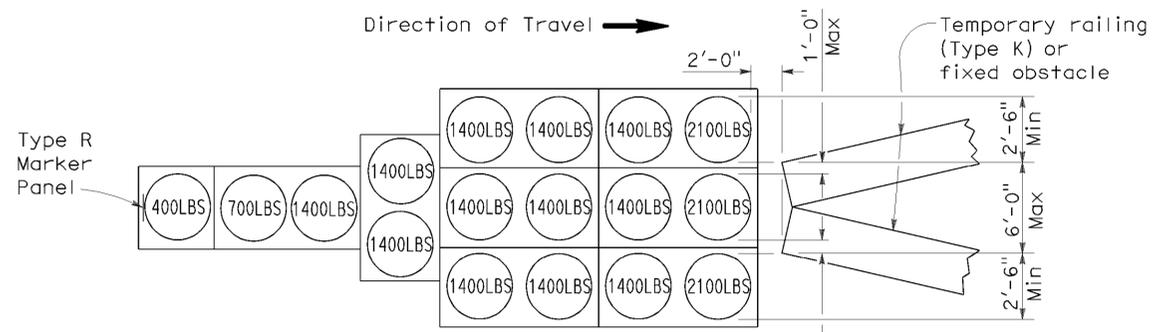
ARRAY 'TU11'

Approach speed less than 45 mph



ARRAY 'TU21'

Approach speed 45 mph or more

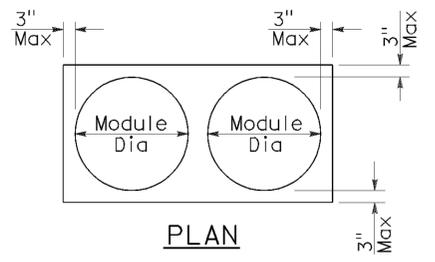


ARRAY 'TU17'

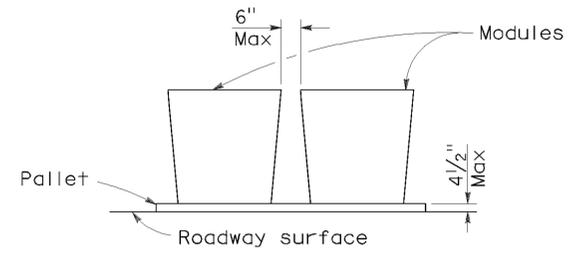
Approach speed less than 45 mph

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.



PLAN



ELEVATION

CRASH CUSHION PALLET DETAIL

See Note 7

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

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2006 REVISED STANDARD PLAN RSP T1A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Sis	161	4.5/7.0	7	8

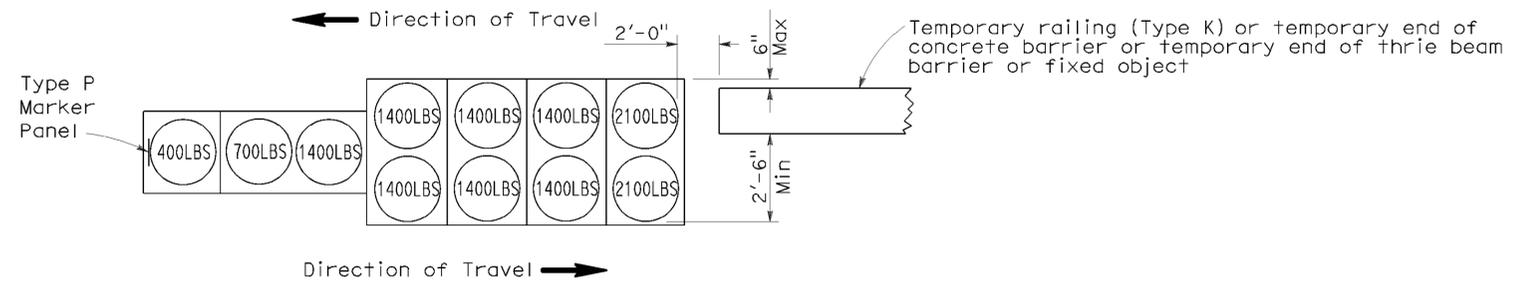
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

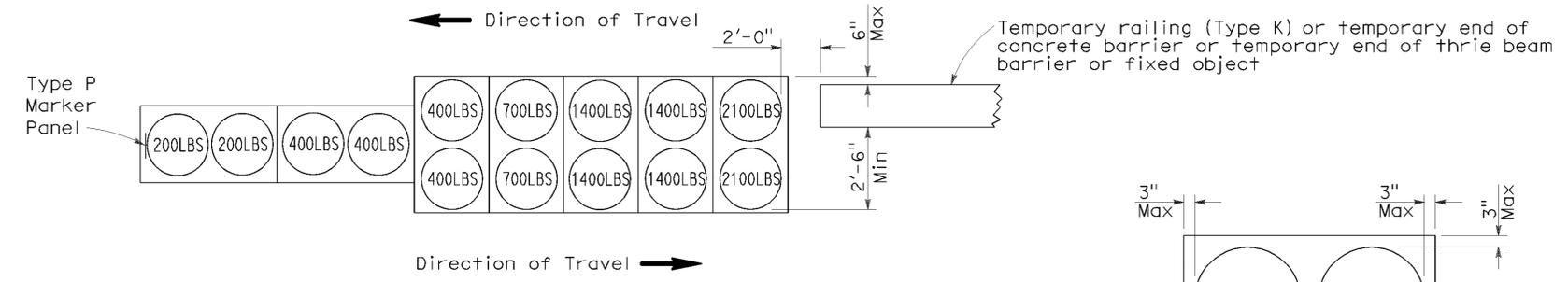
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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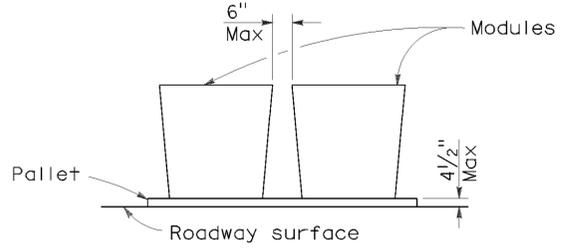
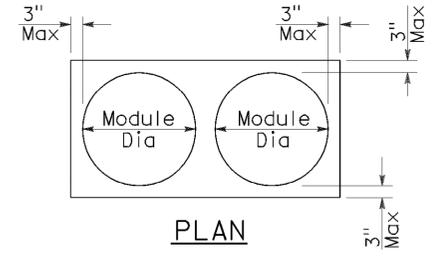
To accompany plans dated 01-27-11



ARRAY 'TB11'
Approach speed less than 45 mph



ARRAY 'TB14'
Approach speed 45 mph or more



CRASH CUSHION PALLET DETAIL
See Note 7

NOTES:

- ⊗ Indicates sand filled module location and weight of sand in pounds for each module. Module spacing is based on the greater diameter of the module.
- All sand weights are nominal.
- Temporary crash cushion arrays shall not encroach on the traveled way.
- Place the Type P marker panel so that the bottom of the panel rests upon the pallet.
- Refer to Standard Plan A73B for marker details.
- Approach speeds indicated conform to NCHRP 350 Report criteria.
- Use of pallets is optional.

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

NO SCALE
RSP T1B DATED JUNE 6, 2008 SUPERSEDES STANDARD PLAN T1B
DATED MAY 1, 2006 - PAGE 212 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T1B

2006 REVISED STANDARD PLAN RSP T1B

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Sis	161	4.5/7.0	8	8

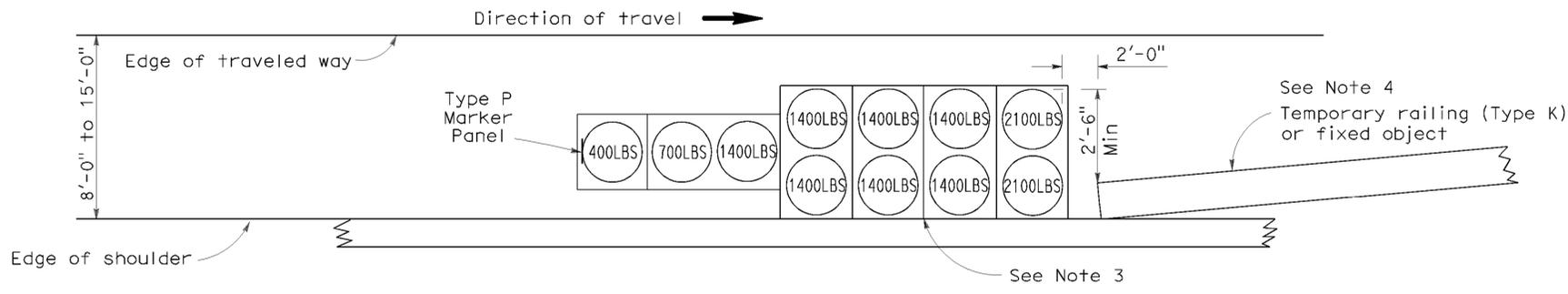
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

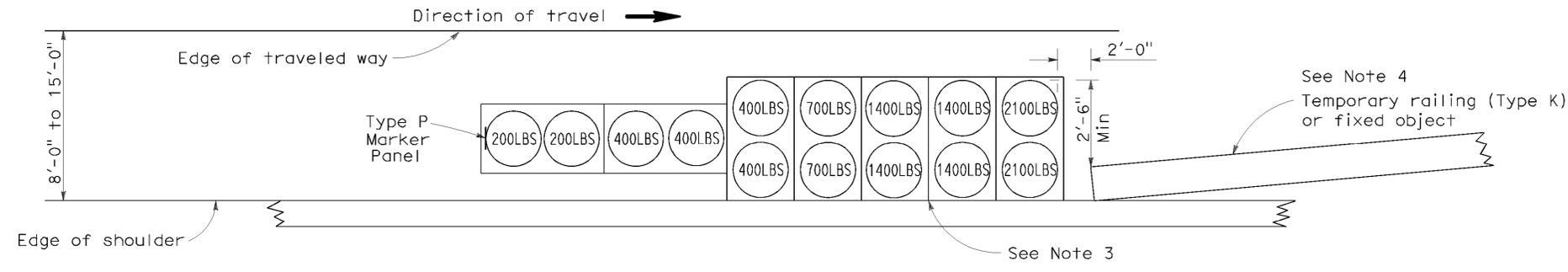
Randell D. Hiatt
REGISTERED PROFESSIONAL ENGINEER
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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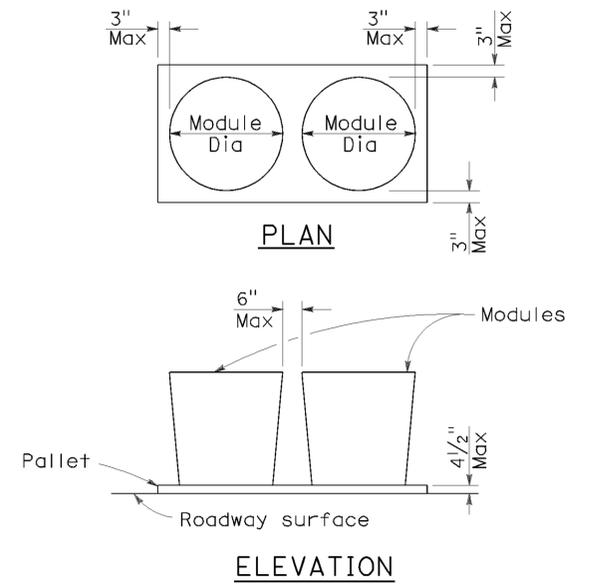
To accompany plans dated 01-27-11



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



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



CRASH CUSHION PALLET DETAIL
See Note 11

NOTES:

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

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

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

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

REVISED STANDARD PLAN RSP T2

2006 REVISED STANDARD PLAN RSP T2

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