Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sha, Teh	5	Var	1	17

INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE SHEET
2	CONSTRUCTION DETAILS
3-4	CONSTRUCTION AREA SIGNS
5	DETOUR PLAN
6	SUMMARY OF QUANTITIES
7-12	NEW AND REVISED STANDARD PLANS
13-17	STRUCTURE 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

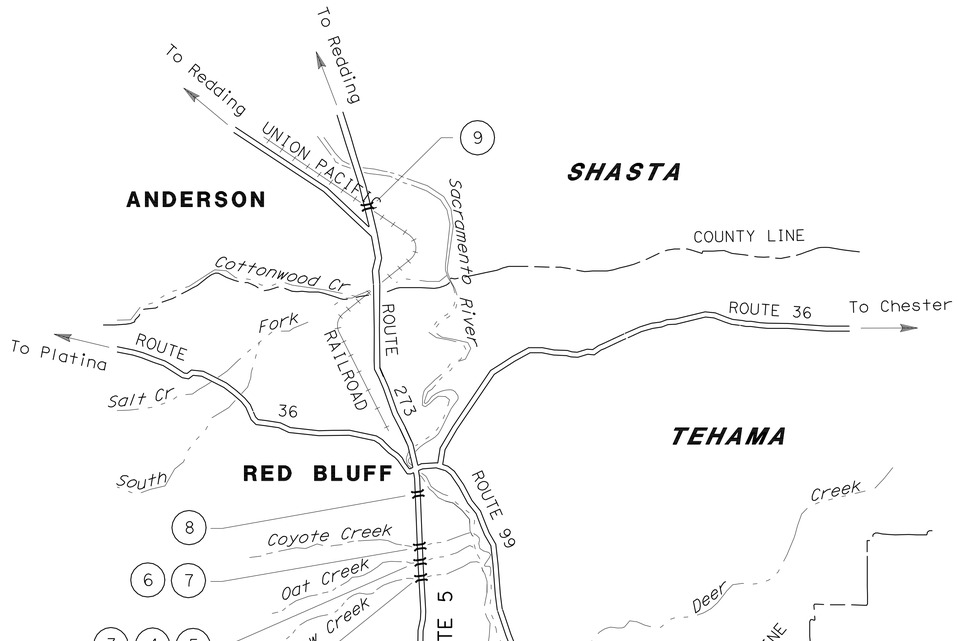
PROJECT PLANS FOR CONSTRUCTION ON

STATE HIGHWAY

IN SHASTA AND TEHAMA COUNTIES AT VARIOUS LOCATIONS

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

LOCATION MAP



NO SCALE

LOCATIONS OF CONSTRUCTION

No.	COUNTY	ROUTE	PM	BRIDGE No.	BRIDGE NAME
1	Teh	5	R19.28	08-0110R	WILLOW CREEK
2	Teh	5	R19.28	08-0110L	WILLOW CREEK
3	Teh	5	R19.67	08-0117S	OAT CREEK
4	Teh	5	R19.67	08-0117R	OAT CREEK
5	Teh	5	R19.67	08-0117L	OAT CREEK
6	Teh	5	R20.50	08-0111L	COYOTE CREEK
7	Teh	5	R20.52	08-0111R	COYOTE CREEK
8	Teh	5	R24.87	08-0112	SOUTH MAIN St OC
9	Sha	5	R4.57	06-0098L	SOUTH ANDERSON OH

Roy S Cahill 01-06-12
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

January 6, 2012
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ROY S. CAHILL
No. 48876
Exp. 9-30-12
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.

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

CONTRACT No.	02-3E6404
PROJECT ID	0200020069

DESIGN ENGINEER: LANCE BROWN
PROJECT MANAGER: LANCE BROWN

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LAST REVISION 01-06-12
DATE PLOTTED => 19-JAN-2012
TIME PLOTTED => 13:55

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sha, Teh	5	Var	2	17

Roy S Cahill 01-06-12
REGISTERED CIVIL ENGINEER DATE

01-06-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ROY S. CAHILL
No. 48876
Exp. 9-30-12
CIVIL
STATE OF CALIFORNIA

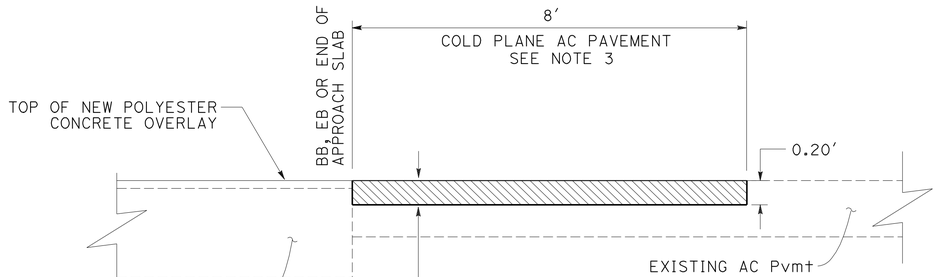
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

NOTES:

1. DIMENSIONS OF THE STRUCTURAL SECTIONS ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
2. SUPERELEVATION AND CROSS SLOPE TO MATCH EXISTING OR AS DIRECTED BY THE ENGINEER.
3. COLD PLANE FULL WIDTH OF PAVED ROADWAY.
4. SEE GENERAL PLANS FOR DETAILS NOT SHOWN.
5. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
6. EXISTING BRIDGE JOINTS ARE NOT SHOWN ON THIS PLAN.

LEGEND:

HOT MIX ASPHALT (TYPE A)



PROFILE

MODIFY PAVEMENT TYPICAL

SOUTH ANDERSON OH, Br No. 06-0098L
WILLOW CREEK, Br No. 08-0110L&R
OAT CREEK, Br No. 08-0117L&R
COYOTE CREEK, Br No. 08-0111L&R

CONSTRUCTION DETAILS

NO SCALE

C-1

REVISED BY	DATE REVISED

CALCULATED-DESIGNED BY: ROY CAHILL
CHECKED BY: KARLIE SMITH
FUNCTIONAL SUPERVISOR: LANCE BROWN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE

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LAST REVISION 01-06-12
DATE PLOTTED => 19-JAN-2012
TIME PLOTTED => 13:55

BORDER LAST REVISED 7/2/2010
USERNAME => s115152
DGN FILE => 23e640ga001.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0156
PROJECT NUMBER & PHASE 02000200691

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sha, Teh	5	Var	3	17

Roy S Cahill 01-06-12
REGISTERED CIVIL ENGINEER DATE

ROY S. CAHILL No. 48876 Exp. 9-30-12 CIVIL
REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

01-06-12
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.

NOTES:

1. EXACT LOCATION OF ALL SIGNS 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.
4. NO CONSTRUCTION AREA SIGNS ARE REQUIRED FOR LOCATION 3.

LEGEND:

PORTABLE SIGN

DIRECTION OF TRAVEL

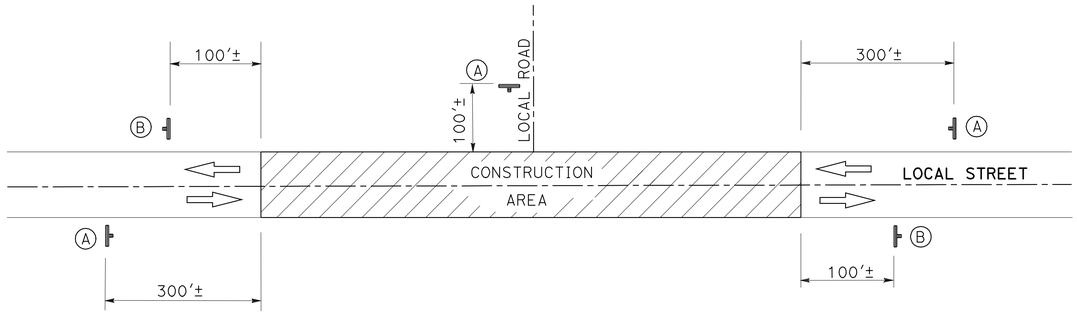
PORTABLE CHANGEABLE MESSAGE SIGN (PCMS)

ABBREVIATIONS:

PCMS PORTABLE CHANGEABLE MESSAGE SIGN

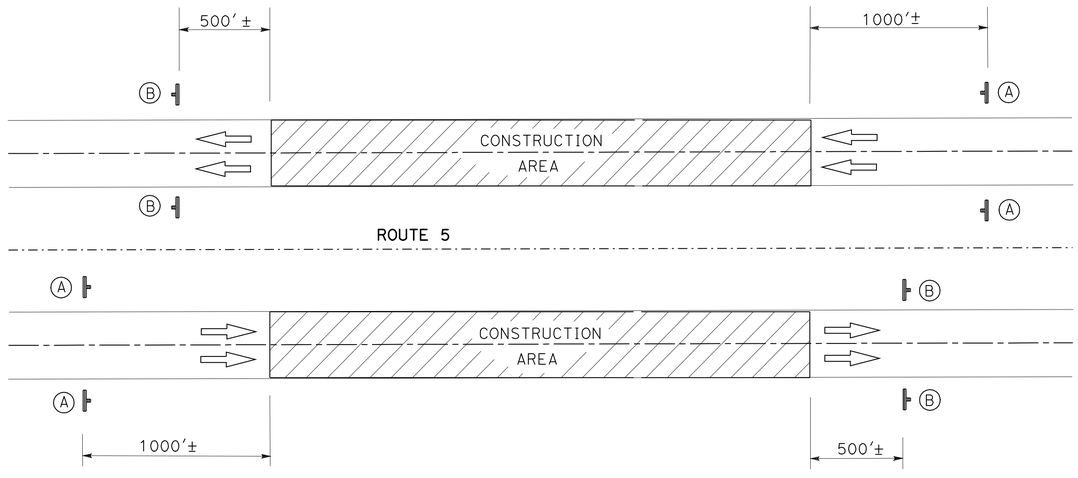
CONSTRUCTION AREA SIGNS (STATIONARY MOUNTED)

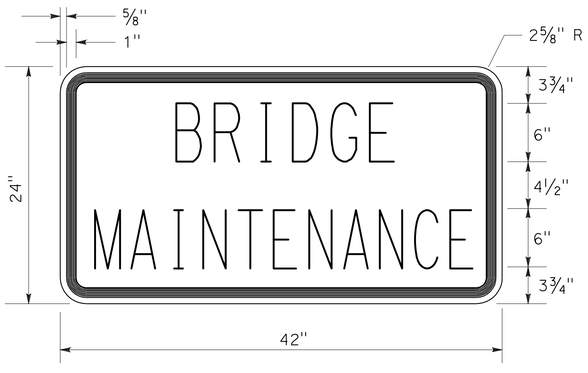
SIGN No.	TYPE	PANEL SIZE INCHES	SIGN MESSAGE	No. OF POSTS AND SIZE	No. OF SIGNS
(A)	W20-1 C23B(CA)	48" x 48" 42" x 24"	ROAD WORK AHEAD BRIDGE MAINTENANCE	1 - 4" x 6"	17
(B)	G20-2	36" x 18"	END ROAD WORK	1 - 4" x 4"	16



CONSTRUCTION AREA SIGNS

SOUTH MAIN St OC, Br No. 08-0112





C23B(CA) SIGN PANEL DETAIL

LOCAL ROAD CONNECTIONS

LOCATION	Co-Rte-PM	CONNECTION NAME
8	Teh-5-R24.87	SB EXIT RAMP

CONSTRUCTION AREA SIGNS

SOUTH ANDERSON OH, Br No. 06-0098L
WILLOW CREEK, Br No. 08-0110L&R
OAT CREEK, BR No. 08-0117L&R
COYOTE CREEK, BR No. 08-0111L&R

CONSTRUCTION AREA SIGNS

NO SCALE

CS-1

REVISED BY | DATE REVISED
ROY CAHILL | KARLIE SMITH
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: LANCE BROWN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE

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LAST REVISION | DATE PLOTTED => 19-JAN-2012
01-06-12 | TIME PLOTTED => 13:55

BORDER LAST REVISED 7/2/2010 | USERNAME => s115152 | DGN FILE => 23e6401a001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0156 | PROJECT NUMBER & PHASE 02000200691

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sha, Teh	5	Var	4	17

Roy S Cahill 01-06-12
REGISTERED CIVIL ENGINEER DATE

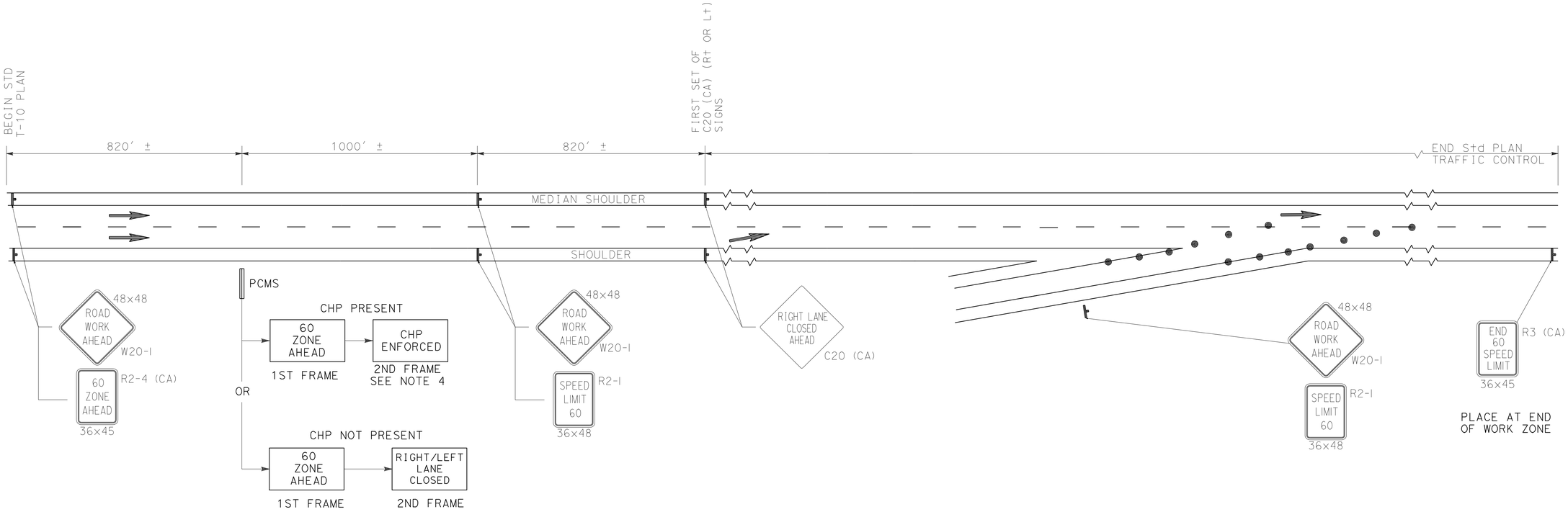
01-06-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ROY S. CAHILL
No. 48876
Exp. 9-30-12
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. EXACT SIGN AND PCMS LOCATIONS TO BE DETERMINED BY THE ENGINEER.
2. SEE STANDARD PLANS FOR TRAFFIC CONTROL SYSTEM FOR LANE CLOSURE.
3. USE THE "CHP ENFORCED" SIGN FRAMES ONLY WHEN COZEEP OFFICERS ARE PRESENT.
4. COVER EXISTING SPEED LIMIT SIGNS WITHIN THE REDUCED SPEED ZONE.
5. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.
6. IF THERE IS NO SPEED LIMIT SIGN (R2-1) WITHIN 1 MILE BEYOND THE END OF WITHIN 500 FT +/- OF THE END OF SPEED LIMIT SIGN (R3) (CA).
7. ALL SIGN DIMENSIONS ARE IN INCHES.



TYPICAL SIGNING FOR REDUCED SPEED ZONE

CONSTRUCTION AREA SIGNS

NO SCALE

CS-2

CALCULATED-DESIGNED BY	CHECKED BY	REVISED BY	DATE REVISED
ROY CAHILL	KARLIE SMITH		

FUNCTIONAL SUPERVISOR: LANCE BROWN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
MAINTENANCE

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LAST REVISION | DATE PLOTTED => 19-JAN-2012
01-06-12 | TIME PLOTTED => 13:55

BORDER LAST REVISED 7/2/2010 | USERNAME => s115152 | DGN FILE => 23e6401a002.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0156 | PROJECT NUMBER & PHASE 02000200691

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sha, Teh	5	Var	5	17

Roy S Cahill 01-06-12
REGISTERED CIVIL ENGINEER DATE

01-06-12
PLANS APPROVAL DATE

ROY S. CAHILL No. 48876 Exp. 9-30-12 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

NOTES:

1. PRE-NOTIFICATION PCMS: PLACE NEAR RAMP AND ACTIVATE APPROXIMATELY 12 HOURS PRIOR TO RAMP CLOSURE.

EXIT WILL BE CLOSED	TODAY (or TONIGHT) XX:XXPM - XX:XXAM
FRAME 1	FRAME 2

2. RAMP CLOSED PCMS: MOVE PRE-NOTIFICATION PCMS APPROXIMATELY 1000 FEET BEFORE RAMP AND ACTIVATE DURING RAMP CLOSURE.

FLORES AVE EXIT 642 CLOSED	FOLLOW DETOUR
FRAME 1	FRAME 2

3. PLACE 7 DAYS PRIOR TO RAMP CLOSURE.
4. ADD SIGN(S) ONLY IF SPACING BETWEEN INTERCHANGES IS MORE THAN 5 MILES SPACE SIGN(S) EQUALLY BETWEEN INTERCHANGES WITH MAXIMUM SPACING AT 5 MILES.
5. IF AVAILABLE, EXISTING ROUTE SHIELDS AND DIRECTIONS MAY BE USED IN PLACE OF SIGNS SHOWN.
6. EXIT NUMBER SHOWN AS FOLLOWS.

EXIT NAME	EXIT NUMBER
FLORES Ave	642

7. EXACT SIGN LOCATIONS TO BE DETERMINED BY THE ENGINEER.
8. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS

LEGEND:

PORTABLE CHANGEABLE MESSAGE SIGN

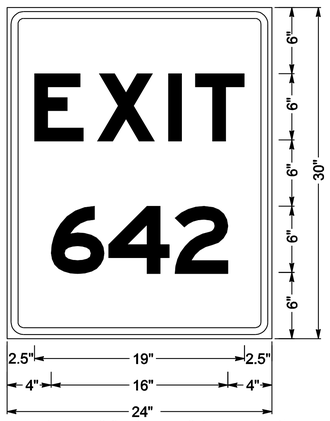
CONSTRUCTION AREA SIGN (PORTABLE)

ABBREVIATIONS:

PCMS PORTABLE CHANGEABLE MESSAGE SIGN

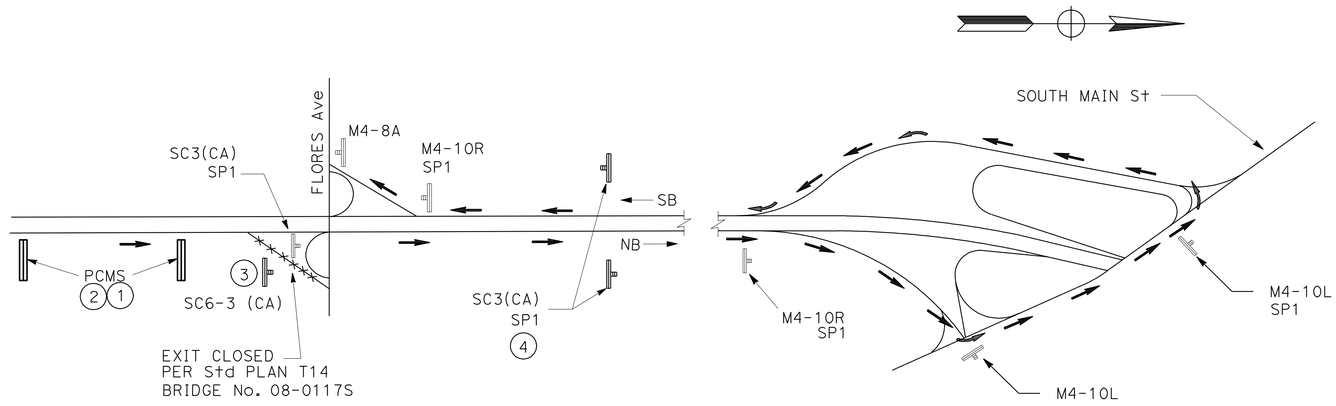
CONSTRUCTION AREA SIGNS (PORTABLE)

CODE	PANEL SIZE	SIGN MESSAGE
M4-8A	24" x 18"	END DETOUR
M4-10L	48" x 18"	DETOUR (L† ARROW)
M4-10R	48" x 18"	DETOUR (R† ARROW)
SC3 (CA)	36" x 12"	DETOUR WITH UP ARROW
SC6-3 (CA)	48" x 60"	RAMP CLOSED - DATE TIME
SP1	30" x 24"	EXIT NUMBER (SEE NOTE 6)



1.5" Radius, 0.6" Border, 0.4" Indent, Black on Orange;
[EXIT] E Mod; [642] E Mod;

EXIT NUMBER SIGN (SP1) DETAIL
(SEE NOTE 6)



FLORES Ave DETOUR SIGNING FOR NB EXIT RAMP CLOSURE

DETOUR PLAN

NO SCALE

DE-1

REVISED BY | DATE REVISED
ROY CAHILL | KARLIE SMITH
CALCULATED-DESIGNED BY | CHECKED BY
FUNCTIONAL SUPERVISOR: LANCE BROWN
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE

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LAST REVISION | DATE PLOTTED => 19-JAN-2012
01-06-12 | TIME PLOTTED => 13:55

BORDER LAST REVISED 7/2/2010 | USERNAME => s115152 | DGN FILE => 23e640mg001.dgn | RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3 | UNIT 0156 | PROJECT NUMBER & PHASE 02000200691

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sha, Teh	5	Var	6	17

Roy S Cahill 01-06-12
REGISTERED CIVIL ENGINEER DATE

01-06-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ROY S. CAHILL
No. 48876
Exp. 9-30-12
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. NEW TRAFFIC STRIPE TO MATCH EXISTING TRAFFIC STRIPE PATTERN.
2. REMOVE THERMOPLASTIC TRAFFIC STRIPE APPLIES ONLY TO TRAFFIC STRIPE LOCATED ON THE BRIDGE DECKS.
3. AT LOCATIONS 1, 2, 4, 5, 6, 7 AND 9 THE TRAFFIC STRIPE AND PAVEMENT MARKER QUANTITIES INCLUDE EACH BRIDGE AND APPROXIMATELY 100' EACH SIDE OF EACH BRIDGE. AT LOCATIONS 3 AND 8 TRAFFIC STRIPE AND PAVEMENT MARKER QUANTITIES ARE LIMITED TO THE BRIDGE DECKS ONLY.
4. EXISTING UTILITY FACILITIES HAVE NOT BEEN PLOTTED ON THESE PLANS.

EXISTING LOOP DETECTORS

Location	Co-Rte-PM	TYPE	DESCRIPTION
3	Teh-5-R19.67	TRAFFIC MONITORING STATION (TMS)	NB FLORES Ave EXIT RAMP, 60 FEET SOUTH OF "WRONG WAY" SIGN

ROADWAY QUANTITIES SUMMARY

Loc	Co	Rte	PM	BRIDGE No.	BRIDGE NAME	THERMOPLASTIC TRAFFIC STRIPE (SPRAYABLE)					PAVEMENT MARKER (RETROREFLECTIVE)			REMOVE THERMOPLASTIC TRAFFIC STRIPE	BRIDGE APPROACH AND DEPARTURE PAVEMENT	
						DETAIL 12	DETAIL 25	DETAIL 25A	DETAIL 27B	DETAIL 29	TYPE-D	TYPE-G	TYPE-H		COLD PLANE AC PAVEMENT	HMA (TYPE A)
						LF	LF	LF	LF	LF	EA	EA	EA	LF	SQYD	TON
1	Teh	5	R19.28	08-0110R	WILLOW CREEK	319	319		319			8	8	357	70	9.7
2	Teh	5	R19.28	08-0110L	WILLOW CREEK	319	319		319			8	8	357	70	9.7
3	Teh	5	R19.67	08-0117S	OAT CREEK			199	199				8	596		
4	Teh	5	R19.67	08-0117R	OAT CREEK	362	362		362			9	9	486	70	9.7
5	Teh	5	R19.67	08-0117L	OAT CREEK	362	362		362			9	9	486	70	9.7
6	Teh	5	R20.50	08-0111L	COYOTE CREEK	369	369		369			9	9	506	70	9.7
7	Teh	5	R20.52	08-0111R	COYOTE CREEK	369	369		369			9	9	506	70	9.7
8	Teh	5	R24.87	08-0112	SOUTH MAIN St OC				644	322	28			1286		
9	Sha	5	R4.57	06-0098L	SOUTH ANDERSON OH	420	420		420			10	10	658	71	9.9
SUBTOTAL						2520	2520	199	3363	322	28	62	70			
TOTAL						8924					160			5238	491	68.1

CALCULATED-DESIGNED BY: ROY CAHILL
CHECKED BY: KARLIE SMITH
REVISED BY
DATE REVISED
FUNCTIONAL SUPERVISOR: LANCE BROWN

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans® MAINTENANCE

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SUMMARY OF QUANTITIES
Q-1

LAST REVISION DATE PLOTTED => 20-JAN-2012
01-06-12 TIME PLOTTED => 14:23

BORDER LAST REVISED 7/2/2010
USERNAME => s115152
DGN FILE => 23e640pa001.dgn
RELATIVE BORDER SCALE IS IN INCHES 0 1 2 3
UNIT 0156
PROJECT NUMBER & PHASE 02000200691

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Sha, Teh	5	Var	7	17

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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

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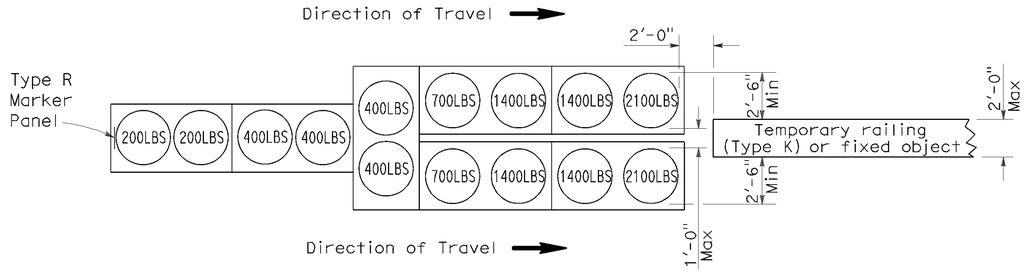
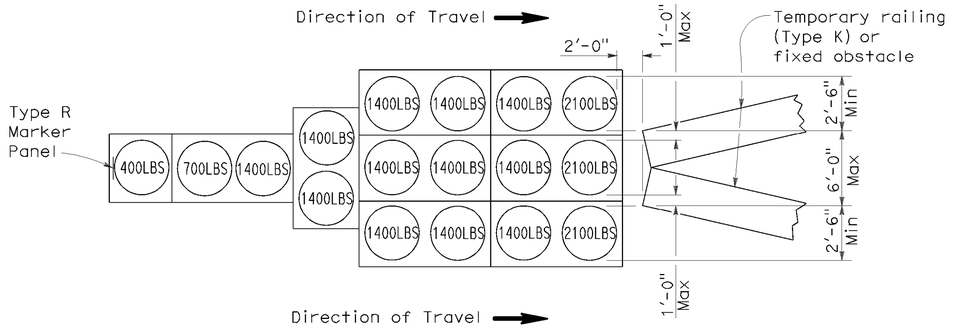
To accompany plans dated 01-06-12



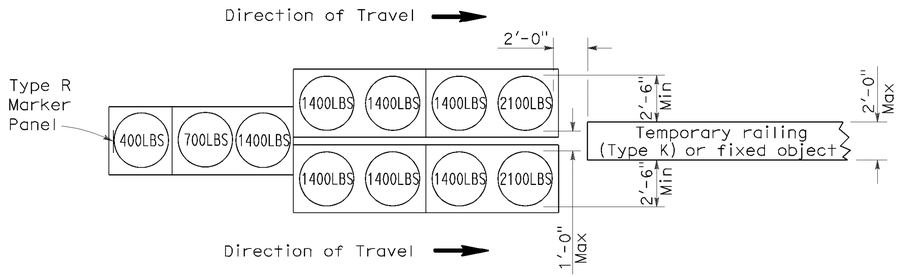
ARRAY 'TU14'

Approach speed 45 mph or more



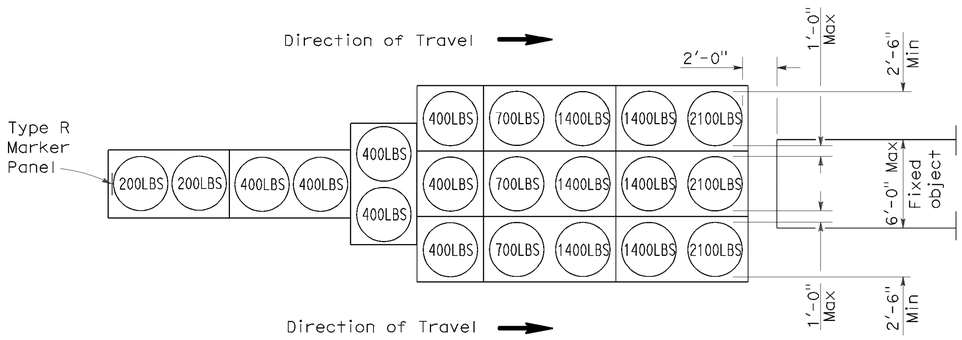
ARRAY 'TU17'

Approach speed less than 45 mph



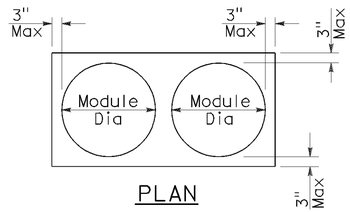
ARRAY 'TU11'

Approach speed less than 45 mph

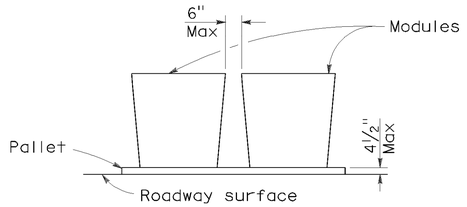


ARRAY 'TU21'

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

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5-15-08

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Sha, Teh	5	Var	8	17

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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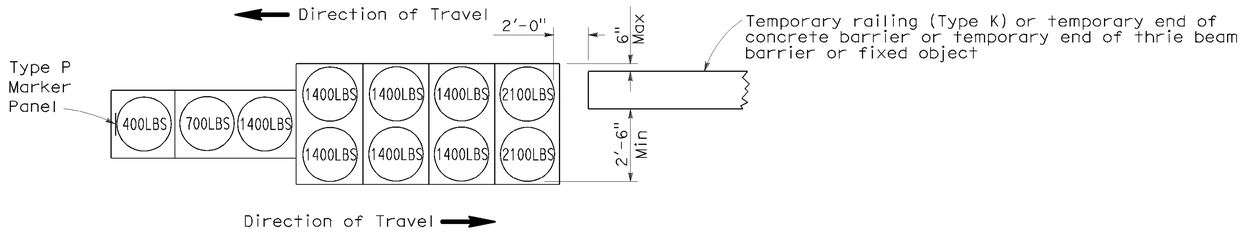
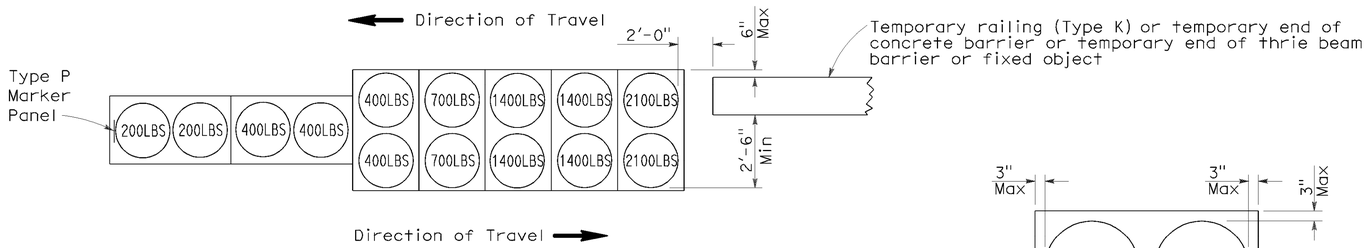
To accompany plans dated 01-06-12



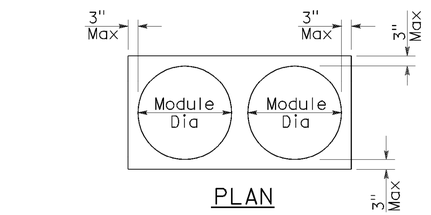
ARRAY 'TB11'

Approach speed less than 45 mph



ARRAY 'TB14'

Approach speed 45 mph or more



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

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5-15-08

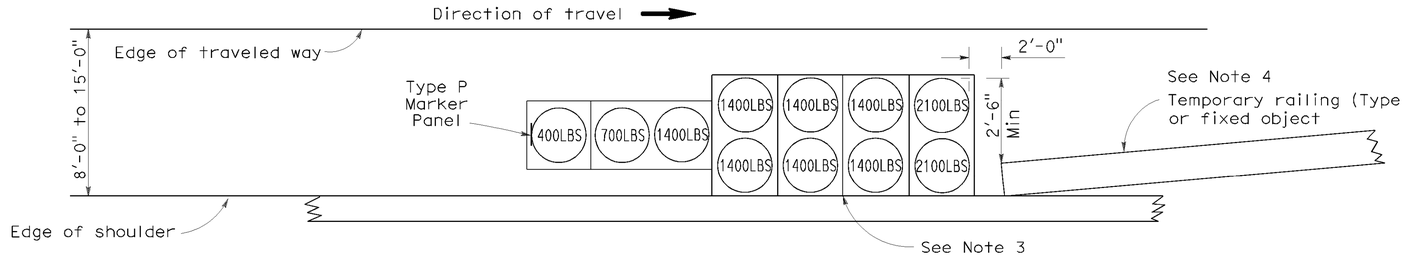
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Sha, Teh	5	Var	9	17

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

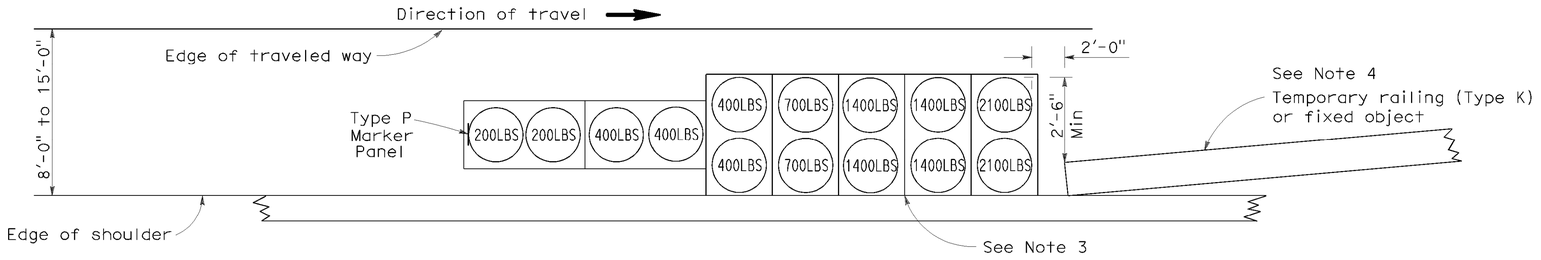
REGISTERED PROFESSIONAL ENGINEER — Randell D. Hiatt — No. C50200 — Exp. 6-30-09 — CIVIL — STATE OF CALIFORNIA

To accompany plans dated 01-06-12



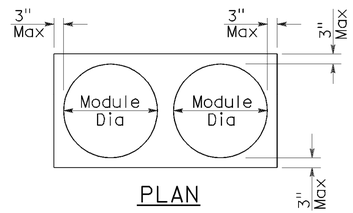
ARRAY 'TS11'

Approach speed less than 45 mph
See Note 9

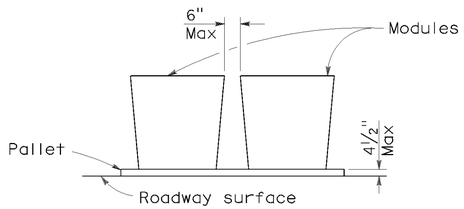


ARRAY 'TS14'

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

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5-15-08

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sha, Teh	5	Var	10	17

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

May 20, 2011
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-11
CIVIL
STATE OF CALIFORNIA

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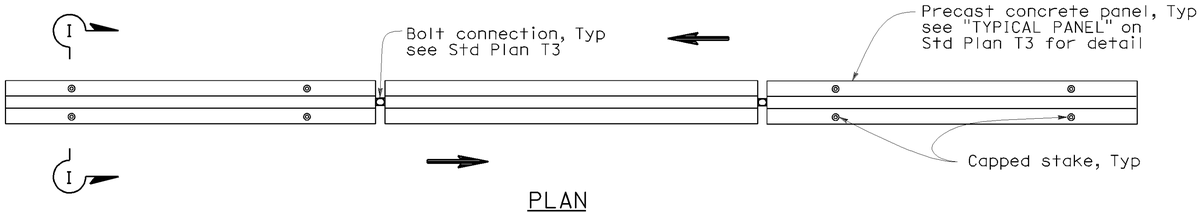
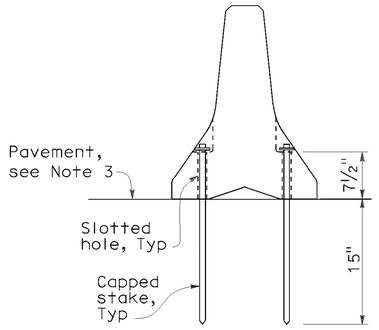
To accompany plans dated 01-06-12



PLAN

RAILING STAKING CONFIGURATION FOR TWO-WAY TRAFFIC

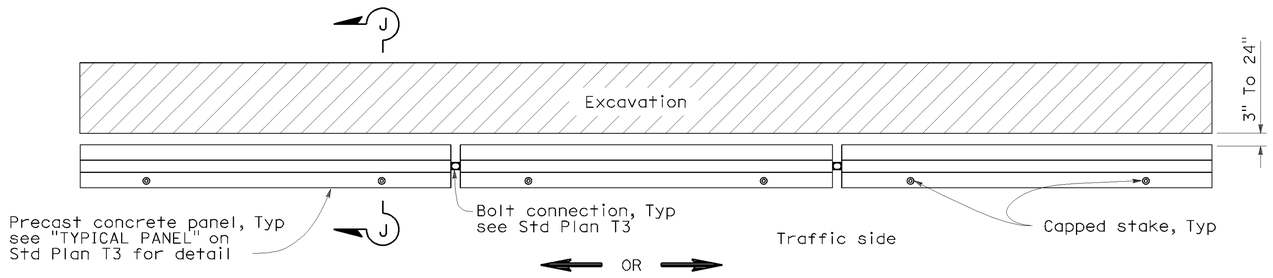
See Note 1



SECTION I-I

NOTES:

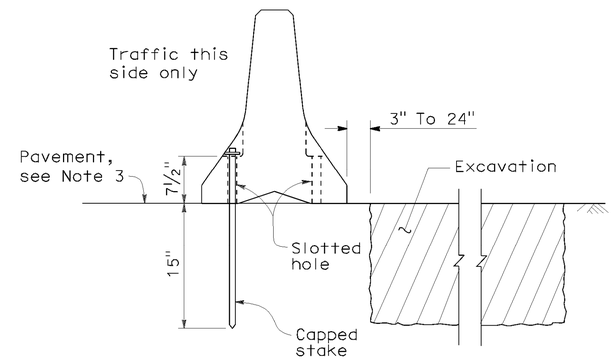
1. Where Type K Temporary Railing is placed as a temporary or long term barrier in two-way traffic on highways with less than 24" from the edge of traveled way, use four capped stakes per every other panel with end panels staked.
2. Where Type K Temporary Railing is placed 3" to 24" from the edge of an excavation on highways, use two capped stakes per panel along the traffic side.
3. Staked Type K Temporary Railing must be supported by at least 4" thick concrete, hot mix asphalt or existing asphalt concrete pavement.
4. The minimum yield strength for the washer must be 60,000 psi.
5. Direction of adjacent traffic indicated by ⟶.



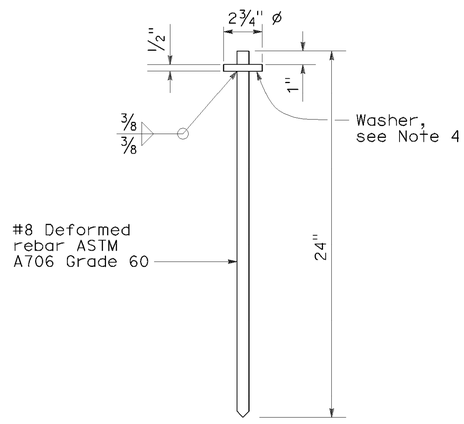
PLAN

RAILING STAKING CONFIGURATION ADJACENT TO AN EXCAVATION

See Note 2



SECTION J-J



CAPPED STAKE DETAIL

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY RAILING (TYPE K)

NO SCALE

NSP T3A DATED MAY 20, 2011 SUPPLEMENTS
THE STANDARD PLANS BOOK DATED MAY 2006.

NEW STANDARD PLAN NSP T3A

2006 NEW STANDARD PLAN NSP T3A

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8-31-10

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Sha, Teh	5	Var	11	17

Robert B Schott
LICENSED LANDSCAPE ARCHITECT

April 3, 2009
PLANS APPROVAL DATE

LICENSED LANDSCAPE ARCHITECT — Robert B. Schott 3695 — Renewal Date 11-30-10 — Date 2-25-09 — STATE OF CALIFORNIA

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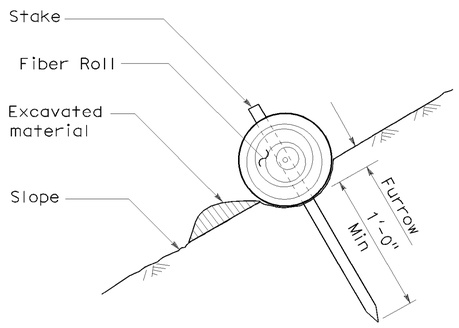
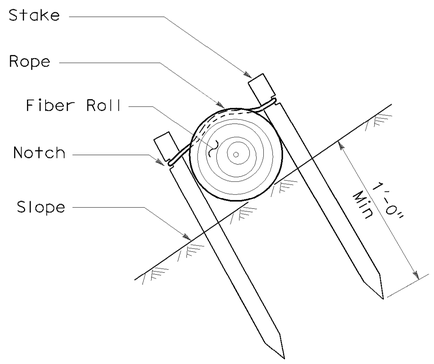
To accompany plans dated 01-06-12

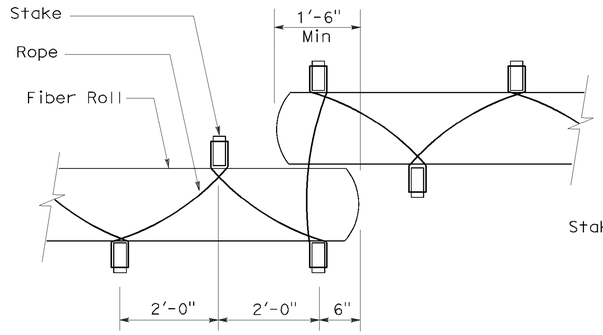


SECTION

TEMPORARY FIBER ROLL (TYPE 1)

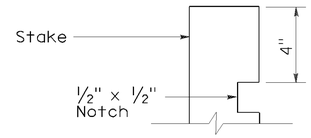


SECTION



PLAN

TEMPORARY FIBER ROLL (TYPE 2)

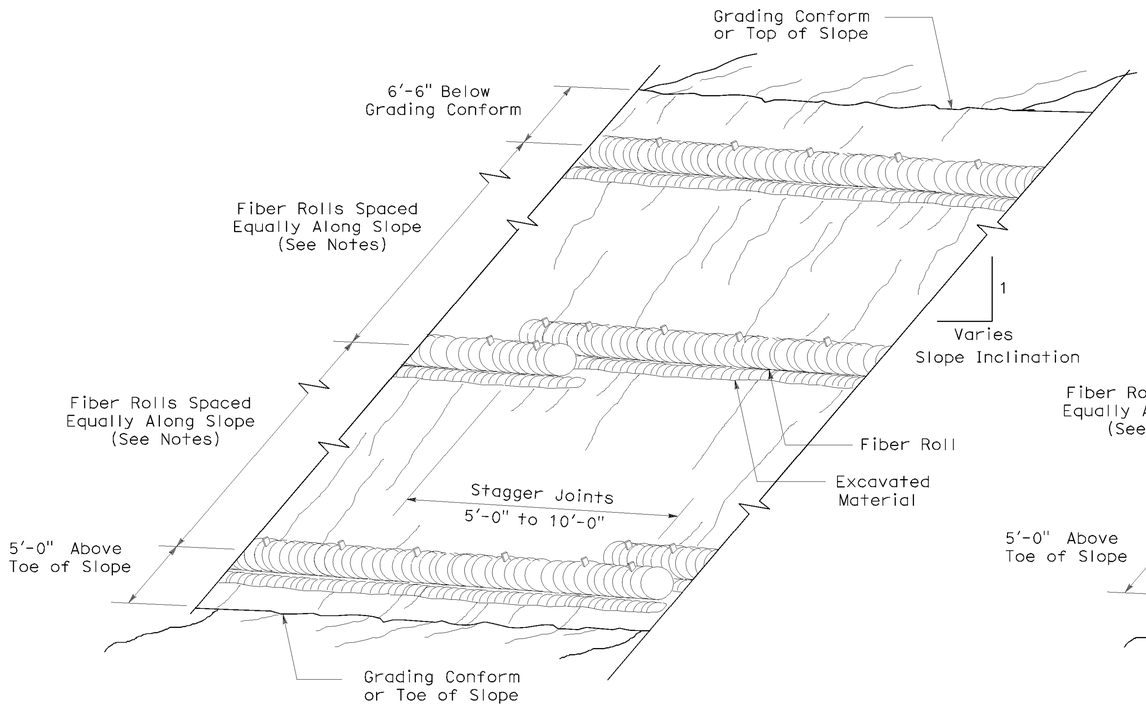


ELEVATION

STAKE NOTCH DETAIL

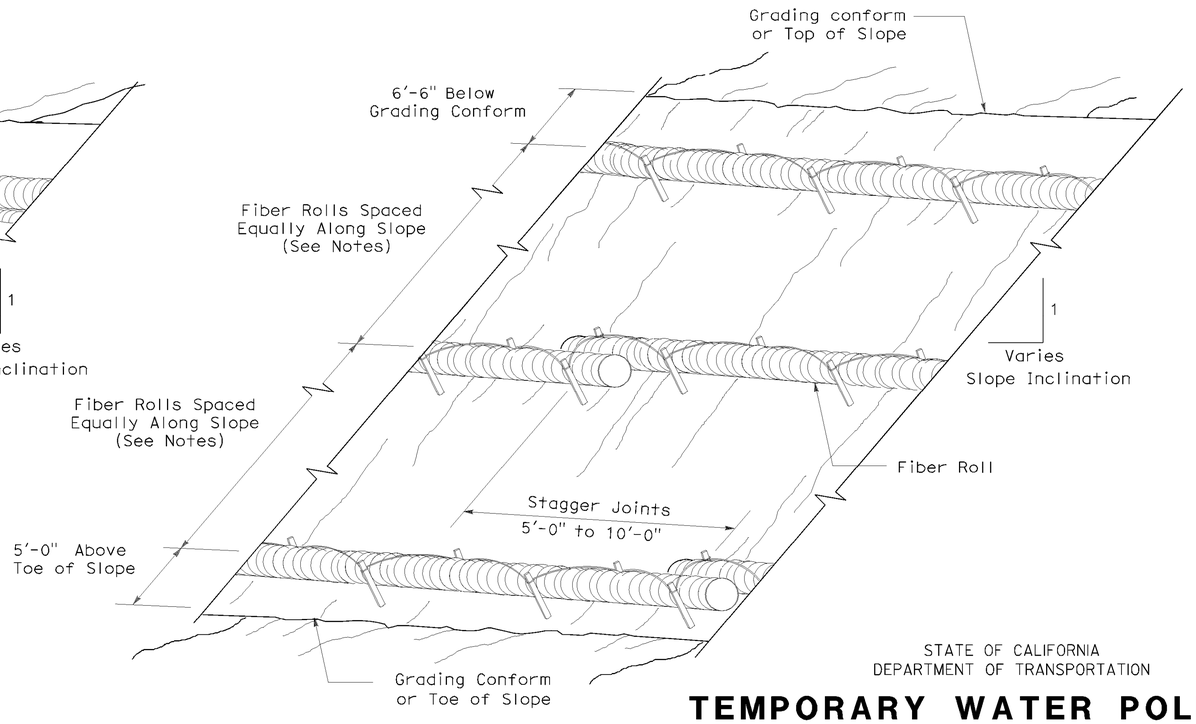
NOTES:

1. Temporary fiber roll spacing varies depending upon slope inclination.
2. Installations shown in the perspectives are for slope inclination of 10:1 and steeper.



PERSPECTIVE

TEMPORARY FIBER ROLL (TYPE 1)



PERSPECTIVE

TEMPORARY FIBER ROLL (TYPE 2)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

TEMPORARY WATER POLLUTION CONTROL DETAILS (TEMPORARY FIBER ROLL)

NO SCALE

RSP T56 DATED APRIL 3, 2009 SUPERSEDES STANDARD PLAN T56
DATED MAY 1, 2006 - PAGE 232 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP T56

2006 REVISED STANDARD PLAN RSP T56

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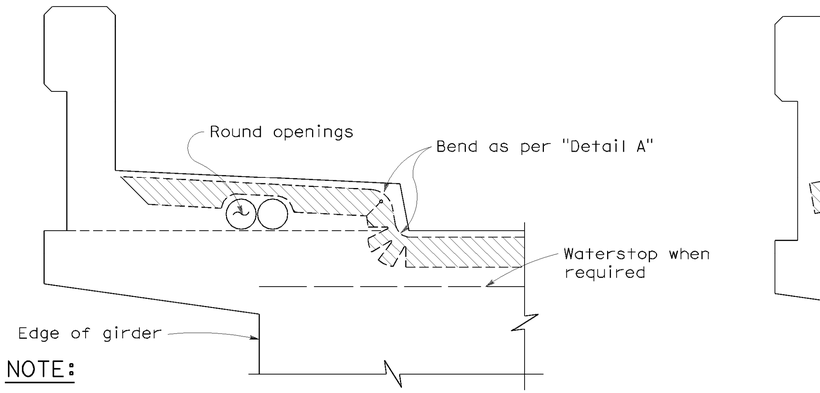
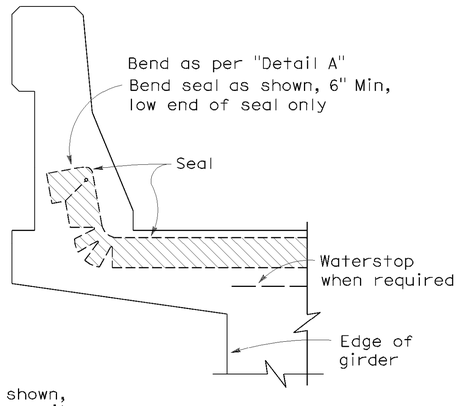
2-23-09



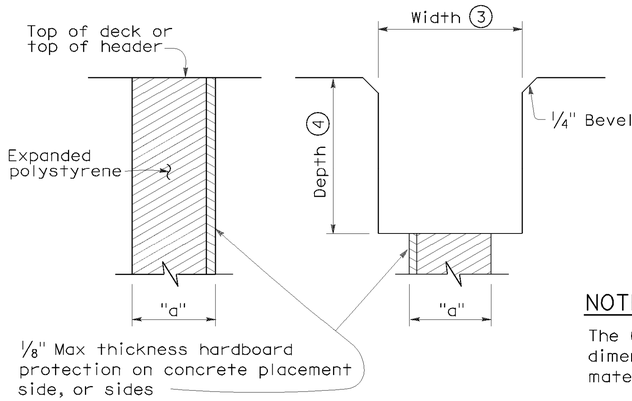
NOTE:

Type "B" seal shown. Type "A" seals to comform to the general path of seal shown, cuts for bending not required. Bend Type "A" seals 3" up into curb or barrier rail on only the low end of the seal.

CONCRETE BARRIER AND SIDEWALK



CONCRETE BARRIER



FORMING DETAIL SAWCUT DETAIL

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
02	Sha, Teh	5	Var	12	17

REGISTERED CIVIL ENGINEER

Efthymios Delis
No. C51434
Exp. 6-30-08
CIVIL
REGISTERED PROFESSIONAL ENGINEER
STATE OF CALIFORNIA

October 5, 2007
PLANS APPROVAL DATE

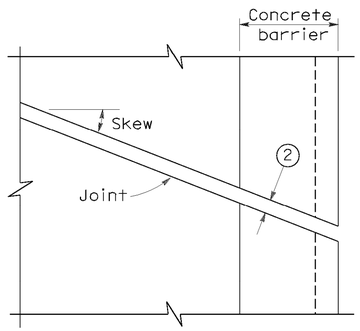
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

To accompany plans dated 01-06-12

NOTE:

The Contractor shall verify all controlling field dimensions before ordering or fabricatiing any material.

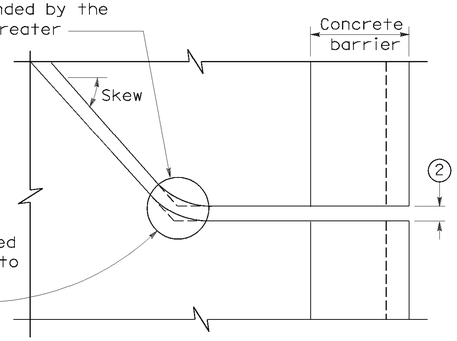
JOINT SEALS DETAILS



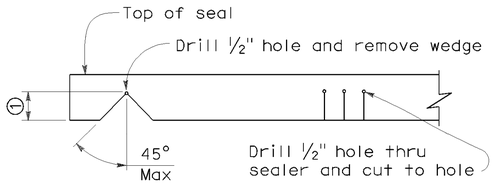
PLAN OF JOINT (SKEW ≤ 20°)

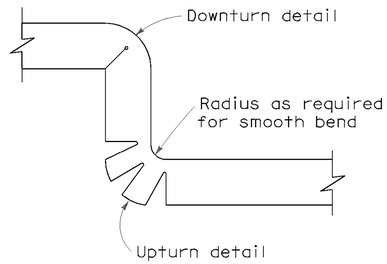
Min ℄ radius to be 4 times uncompressed width of seal or as recommended by the manufacturer, whichever is greater

In lieu of saw cutting, this area may be blocked out and reconstructed to match saw cutting on both sides.



PLAN OF JOINT (SKEW > 20°)





DETAIL A

NOTES:

(1) Make smooth cuts from the bottom of seal to 1½" clear of top leaving at least one complete cell between the top of the cut and top of the seal. When necessary cut back of seal to clear conduit and round openings.

(2) Opening in barrier to match width of sawn deck joint.

(3) Sawcut groove widths shall be as ordered by the Engineer.

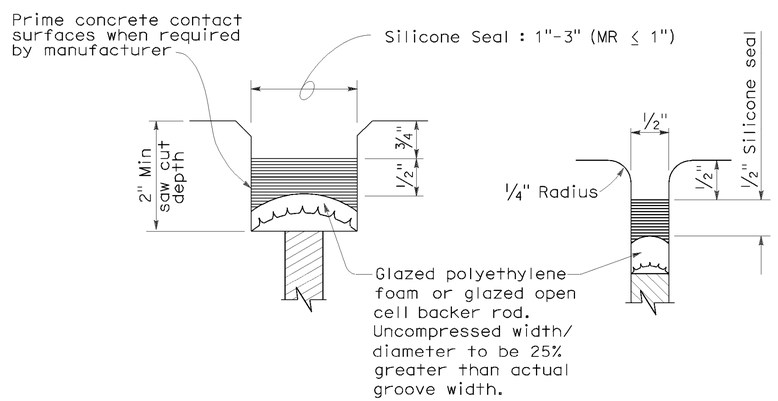
(4) Depth of sawcut: Type A - Depth to be 2" minimum.
Type B - Depth to be equal to or greater than the depth of seal measured along the contact surface, when compressed to minimum width position (W_2) plus dimensions shown.

(5) MR (movement rating) as shown on other plan sheets.

(6) Other depths must be approved by the Engineer.

DIMENSIONS "a" OF JOINT REQUIRED

Movement Rating (MR) (5)	Bridge Type	"a" Dimension, Deck Concrete Placed: Winter	Fall-Spring	Summer
2"	All except CIP/PS	1½"	1¼"	¾"
	CIP/PS	1¼"	1"	½"
1½"	All except CIP/PS	1¼"	1"	½"
	CIP/PS	1"	¾"	½"
1"	All except CIP/PS	1"	¾"	½"
	CIP/PS	¾"	½"	½"
½"	All except CIP/PS	¾"	¾"	½"
	CIP/PS	½"	½"	½"

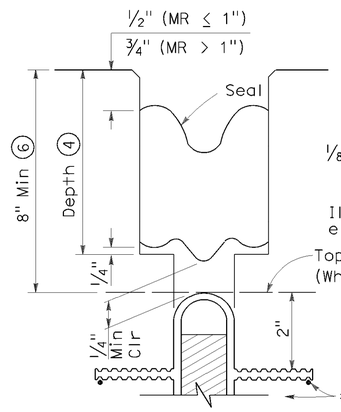


TYPE A SEAL

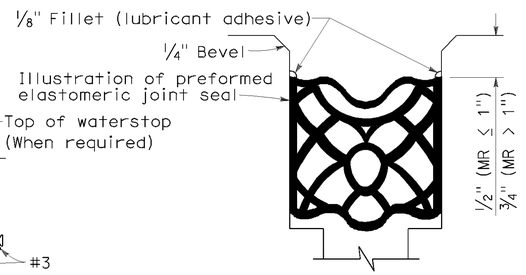
Movement rating : Silicone = 1" Max

TYPE AL SEAL

Longitudinal joints only



TYPE B JOINT SEAL
IN MINIMUM WIDTH POSITION (W_2)



TYPE B SEAL

Movement Rating ≤ 2"

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

JOINT SEALS (MAXIMUM MOVEMENT RATING = 2")

NO SCALE

RSP B6-21 DATED OCTOBER 5, 2007 SUPERSEDES STANDARD PLAN B6-21 DATED MAY 1, 2006 - PAGE 258 OF THE STANDARD PLANS BOOK DATED MAY 2006.

REVISED STANDARD PLAN RSP B6-21

2006 REVISED STANDARD PLAN RSP B6-21

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5-8-07

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sha,Teh	5	Var	13	17

Peter B. Kang 9-27-11
REGISTERED CIVIL ENGINEER DATE

1-6-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — PETER B. KANG — No. C 70336 — Exp. 9-30-12 — CIVIL — STATE OF CALIFORNIA

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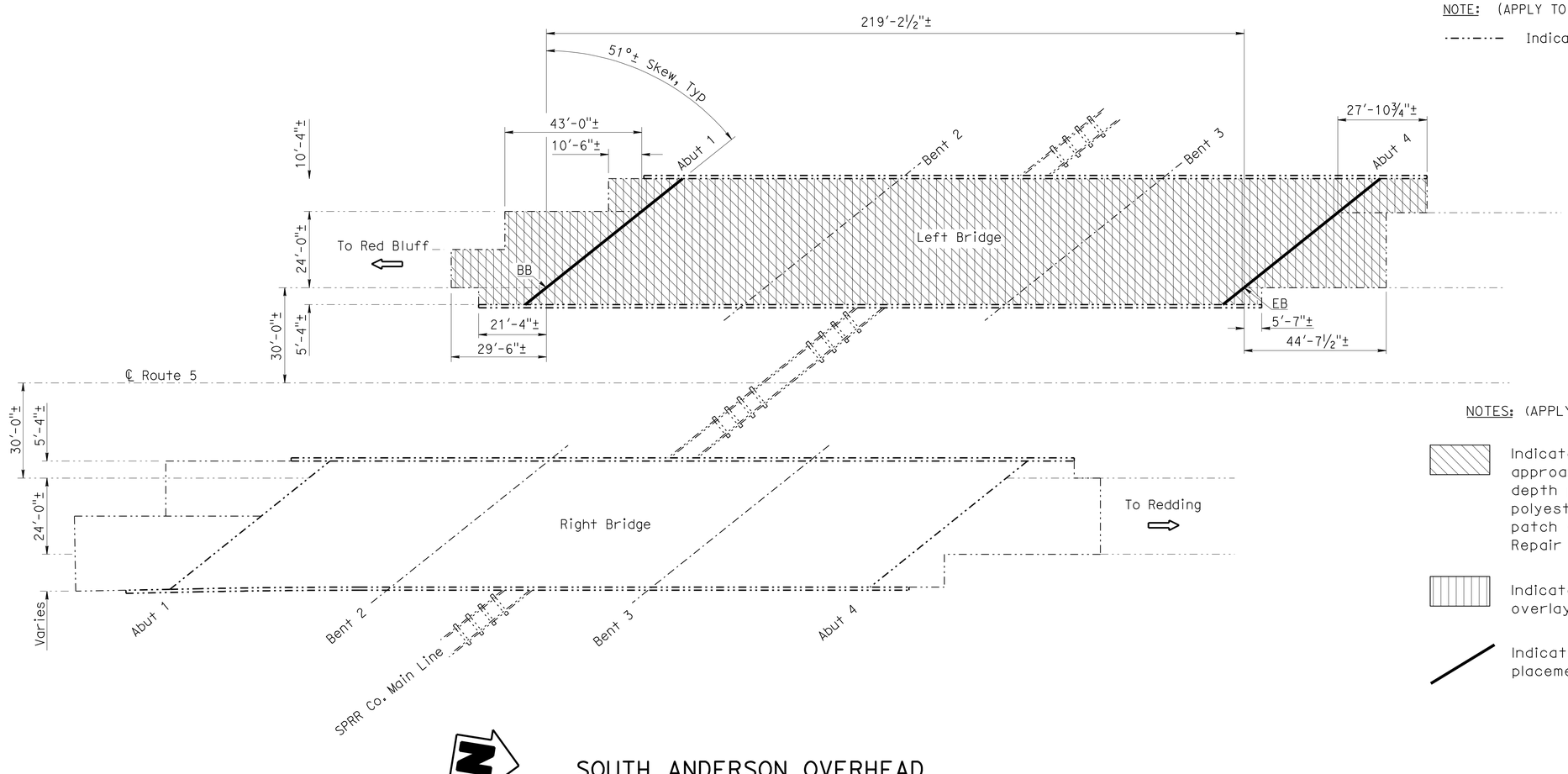
NOTE: (APPLY TO ALL SHEETS)

-·-·-·- Indicates existing.



NOTES: (APPLY TO THIS SHEET ONLY)

Indicates limits of prepare concrete bridge deck and approach slab surface, furnish and place new ¾" minimum depth polyester concrete overlay. Prior to placing new polyester concrete overlay, remove unsound concrete and patch with rapid setting concrete as shown on the "Deck Repair Detail - Overlay" on "JOINT SEAL DETAILS" sheet.

Indicates limits of remove existing ¾"± polyester concrete overlay.

Indicates location of existing joint seal removal and placement of new joint seal.

SOUTH ANDERSON OVERHEAD

Br. No. 06-0098L, ROUTE 5, Sha, PM R4.57
1"=20′

SOUTH ANDERSON OH #06-0098L

QUANTITIES

REMOVE UNSOUND CONCRETE	28	CF
REMOVE POLYESTER CONCRETE OVERLAY	11,000	SQFT
PREPARE CONCRETE BRIDGE DECK SURFACE	11,000	SQFT
CLEAN EXPANSION JOINT	130	LF
RAPID SETTING CONCRETE (PATCH)	28	CF
FURNISH POLYESTER CONCRETE OVERLAY	830	CF
PLACE POLYESTER CONCRETE OVERLAY	11,000	SQFT
JOINT SEAL (MR 1")	130	LF

INDEX TO PLANS

STANDARD PLANS DATED MAY 2006

SHEET NO.	TITLE
A10A	ACRONYMS AND ABBREVIATIONS (SHEET 1 OF 2)
A10B	ACRONYMS AND ABBREVIATIONS (SHEET 2 OF 2)
RSP B6-21	JOINT SEALS (MAXIMUM MOVEMENT RATING = 2")

STANDARD PLAN SHEET NO.

DETAIL NO.

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

Matthew W. Lee 9-27-11
DESIGN ENGINEER

DESIGN	BY P. Kang	CHECKED M. Hashimoto	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD		
DETAILS	BY Dale Kubochi	CHECKED M. Hashimoto	LAYOUT	BY Dale Kubochi	CHECKED P. Kang	
QUANTITIES	BY P. Kang	CHECKED M. Hashimoto	SPECIFICATIONS	BY Karla Meier	PLANS AND SPECS COMPARED Karla Meier	

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. VARIOUS
POST MILE VARIES

ROUTE 5 BRIDGES
GENERAL PLAN NO. 1

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

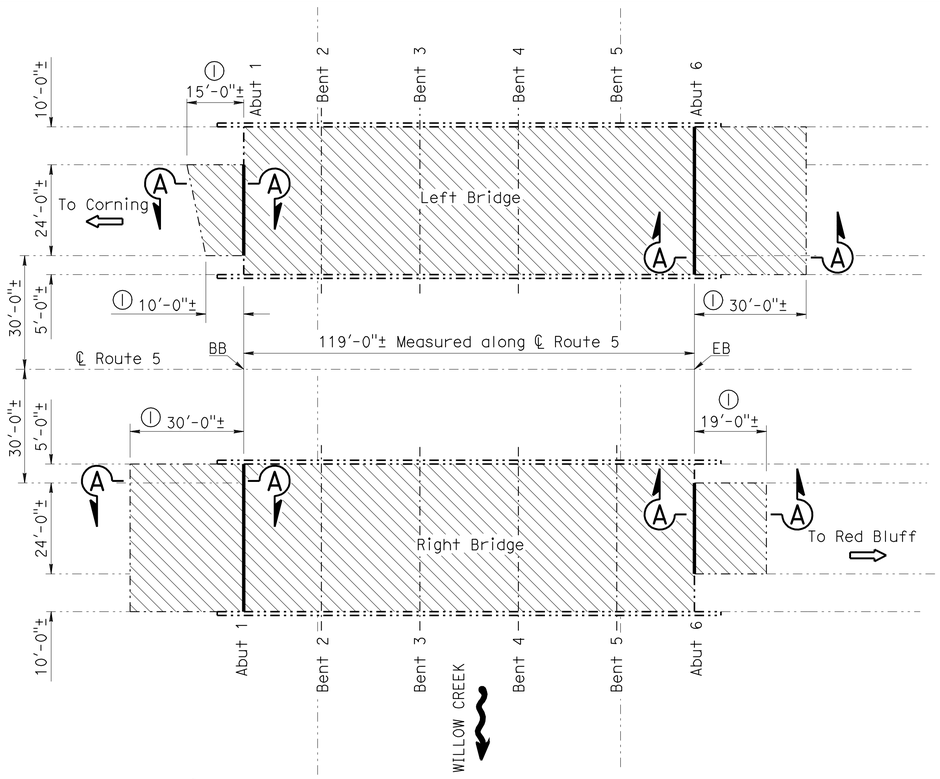
UNIT: 3488
PROJECT NUMBER & PHASE: 0200020069
CONTRACT NO.: 02-3E6401

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
5-7-11	7-27-11	10-7-11		1	5

FILE => 02-3e6401-a-gp01.dgn

USERNAME => s124428 DATE PLOTTED => 17-JAN-2012 TIME PLOTTED => 11:03



WILLOW CREEK

Br. No. 08-0110R/L, ROUTE 5, Teh, PM R19.28
1"=20'

WILLOW CREEK BRIDGE #08-0110L/R

QUANTITIES

REMOVE UNSOUND CONCRETE	30	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	12,380	SQFT
GRIND CONCRETE APPROACH SURFACE	3,095	SQFT
CLEAN EXPANSION JOINT	128	LF
RAPID SETTING CONCRETE (PATCH)	30	CF
FURNISH POLYESTER CONCRETE OVERLAY	930	CF
PLACE POLYESTER CONCRETE OVERLAY	12,380	SQFT
JOINT SEAL (MR 1/2")	128	LF

NOTES: (APPLY TO THIS SHEET ONLY)

Indicates limits of prepare concrete bridge deck and approach slab surface, furnish and place new ¾" minimum depth polyester concrete overlay. Prior to placing new polyester concrete overlay, remove unsound concrete and patch with rapid setting concrete as shown on the "Deck Repair Detail - Overlay" on "JOINT SEAL DETAILS" sheet.

Indicates location of existing joint seal removal and placement of new joint seal.

Ⓘ Limits of grind existing concrete approach to conform to existing AC pavement. For details, see "Section A-A" on "JOINT SEAL DETAILS NO. I" sheet.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sha,Teh	5	Var	14	17

Peter B. Kang 9-27-11
REGISTERED CIVIL ENGINEER DATE

1-6-12
PLANS APPROVAL DATE

PETER B. KANG No. C 70336 Exp. 9-30-12 CIVIL — REGISTERED PROFESSIONAL ENGINEER — STATE OF CALIFORNIA

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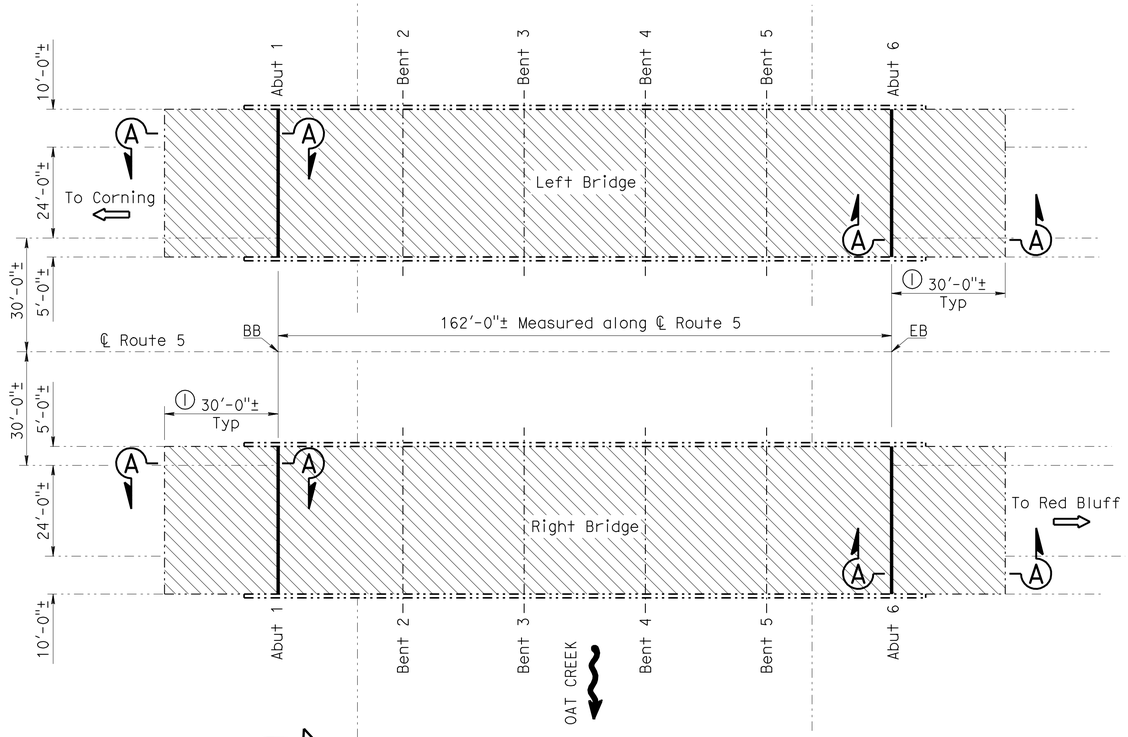


OAT CREEK

Br. No. 08-0117L/R, ROUTE 5, Teh, PM R19.67
1"=20'

OAT CREEK BR #08-0117L/R

QUANTITIES

REMOVE UNSOUND CONCRETE	45	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	17,300	SQFT
GRIND CONCRETE APPROACH SURFACE	4,680	SQFT
CLEAN EXPANSION JOINT	160	LF
RAPID SETTING CONCRETE (PATCH)	45	CF
FURNISH POLYESTER CONCRETE OVERLAY	1,300	CF
PLACE POLYESTER CONCRETE OVERLAY	17,300	SQFT
JOINT SEAL (MR 1/2")	160	LF

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

Matthew W. Lee 9-27-11
DESIGN ENGINEER

DESIGN	BY P. Kang	CHECKED M. Hashimoto	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD		
DETAILS	BY Dale Kubochi	CHECKED M. Hashimoto	LAYOUT	BY Dale Kubochi	CHECKED X	
QUANTITIES	BY P. Kang	CHECKED M. Hashimoto	SPECIFICATIONS	BY Karla Meier	PLANS AND SPECS COMPARED Karla Meier	

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. VARIOUS
POST MILE VARIES

ROUTE 5 BRIDGES
GENERAL PLAN NO. 2

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

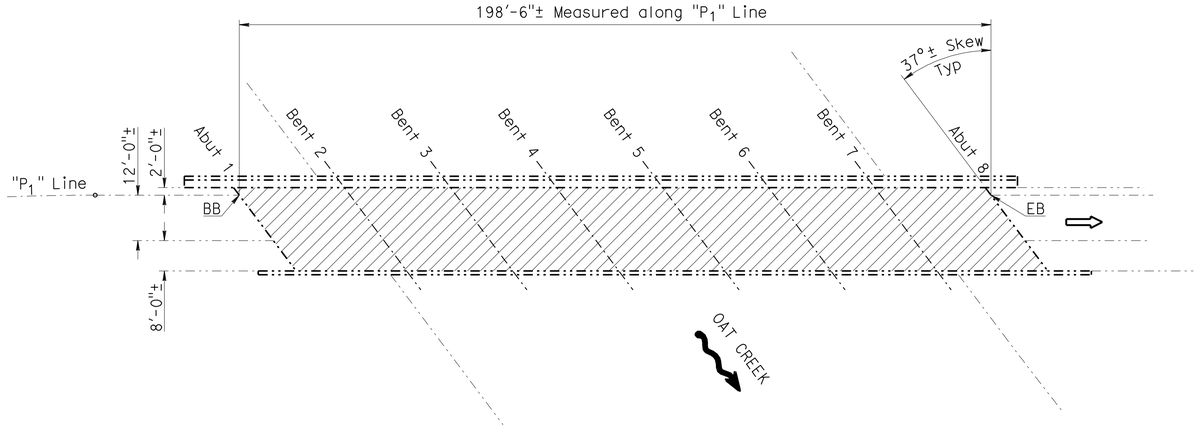
UNIT: 3488
PROJECT NUMBER & PHASE: 0200020069
CONTRACT NO.: 02-3E6401

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
8-1-11	8-17-11	8-30-11	10-7-11	2	5

FILE => 02-3e6401-a-gp02.dgn

USERNAME => s124428 DATE PLOTTED => 17-JAN-2012 TIME PLOTTED => 11:03



OAT CREEK

Br. No. 08-0117S, ROUTE 5, Teh, PM R19.67
1"=20'

OAT CREEK BR #08-0117S

QUANTITIES

CLEAN BRIDGE DECK	4,370	SQFT
TREAT BRIDGE DECK	4,370	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	50	GAL

NOTES: (APPLY TO THIS SHEET ONLY)

Indicates limits of prepare concrete bridge deck and approach slab surface, furnish and place new ¾" minimum depth polyester concrete overlay. Prior to placing new polyester concrete overlay, remove unsound concrete and patch with rapid setting concrete as shown on the "Deck Repair Detail - Overlay" on "JOINT SEAL DETAILS" sheet.

Indicates limits of clean and treat bridge deck with high molecular weight methacrylate.

Indicates location of existing joint seal removal and placement of new joint seal.

① Limits of grind existing concrete approach to conform to existing AC pavement. For details, see "Section A-A" on "JOINT SEAL DETAILS NO. I" sheet.

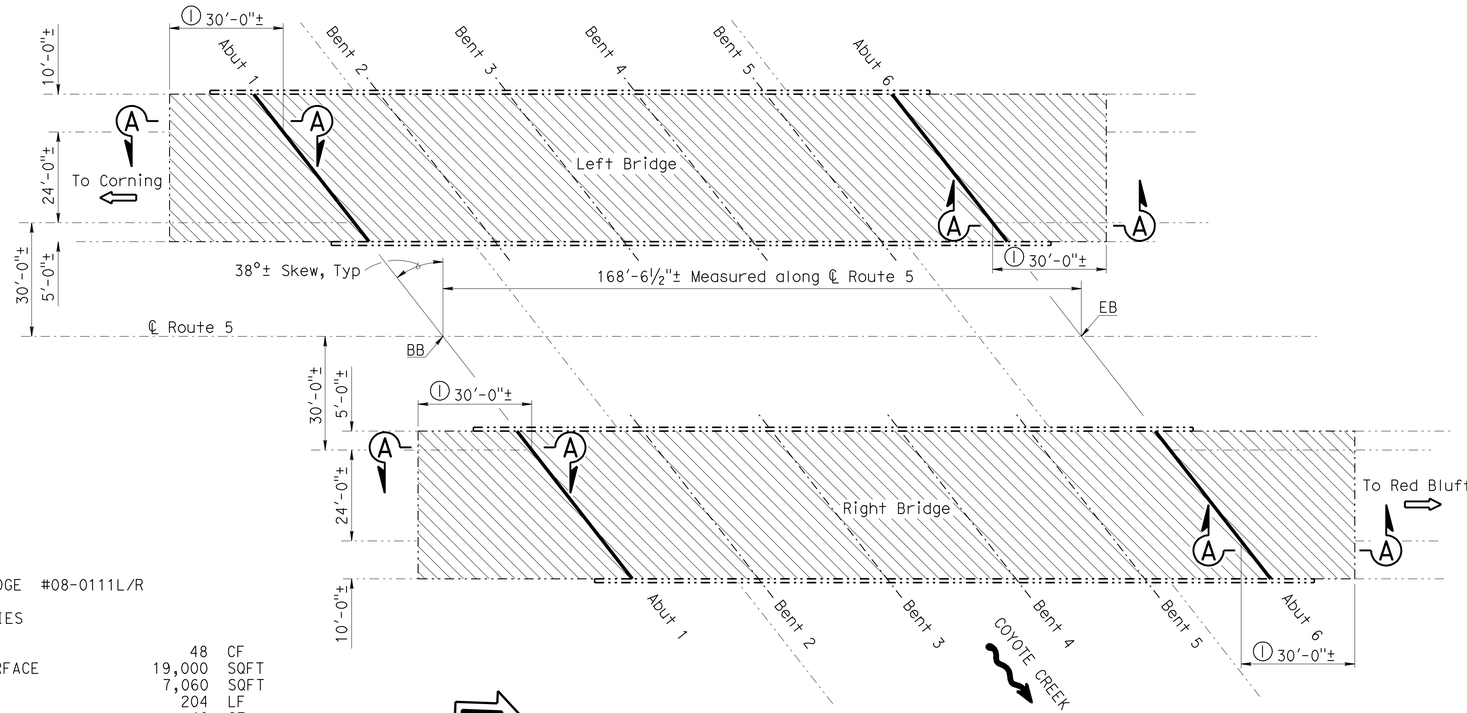
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sha,Teh	5	Var	15	17

Peter B. Kang 9-27-11
REGISTERED CIVIL ENGINEER DATE

1-6-12
PLANS APPROVAL DATE

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

REGISTERED PROFESSIONAL ENGINEER
PETER B. KANG
No. C 70336
Exp. 9-30-12
CIVIL
STATE OF CALIFORNIA



COYOTE CREEK BRIDGE #08-0111L/R

QUANTITIES

REMOVE UNSOUND CONCRETE	48	CF
PREPARE CONCRETE BRIDGE DECK SURFACE	19,000	SQFT
GRIND CONCRETE APPROACH SURFACE	7,060	SQFT
CLEAN EXPANSION JOINT	204	LF
RAPID SETTING CONCRETE (PATCH)	48	CF
FURNISH POLYESTER CONCRETE OVERLAY	1,440	CF
PLACE POLYESTER CONCRETE OVERLAY	19,000	SQFT
JOINT SEAL (MR 1")	204	LF

COYOTE CREEK

Br. No. 08-0111L/R, ROUTE 5, Teh, PM R20.50
1"=20'

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

Matthew A. Lee 9-27-11
DESIGN ENGINEER

	BY	CHECKED
DESIGN	P. Kang	M. Hashimoto
DETAILS	Dale Kubochi	M. Hashimoto
QUANTITIES	P. Kang	M. Hashimoto

LOAD FACTOR DESIGN — LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD

	BY	CHECKED
LAYOUT	Dale Kubochi	X
SPECIFICATIONS	Karla Meier	PLANS AND SPECS COMPARED Karla Meier

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO.
VARIOUS
POST MILE
VARIES

ROUTE 5 BRIDGES
GENERAL PLAN NO. 3

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: 3488
PROJECT NUMBER & PHASE: 0200020069
CONTRACT NO.: 02-3E6401

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES				SHEET	OF
5-1-11	7-27-11	10-7-11		3	5

FILE => 02-3e6401-a-gp03.dgn

USERNAME => s124428 DATE PLOTTED => 17-JAN-2012 TIME PLOTTED => 11:03

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sha,Teh	5	Var	16	17

Peter B. Kang 9-27-11
REGISTERED CIVIL ENGINEER DATE

1-6-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
PETER B. KANG
No. C 70336
Exp. 9-30-12
CIVIL
STATE OF CALIFORNIA

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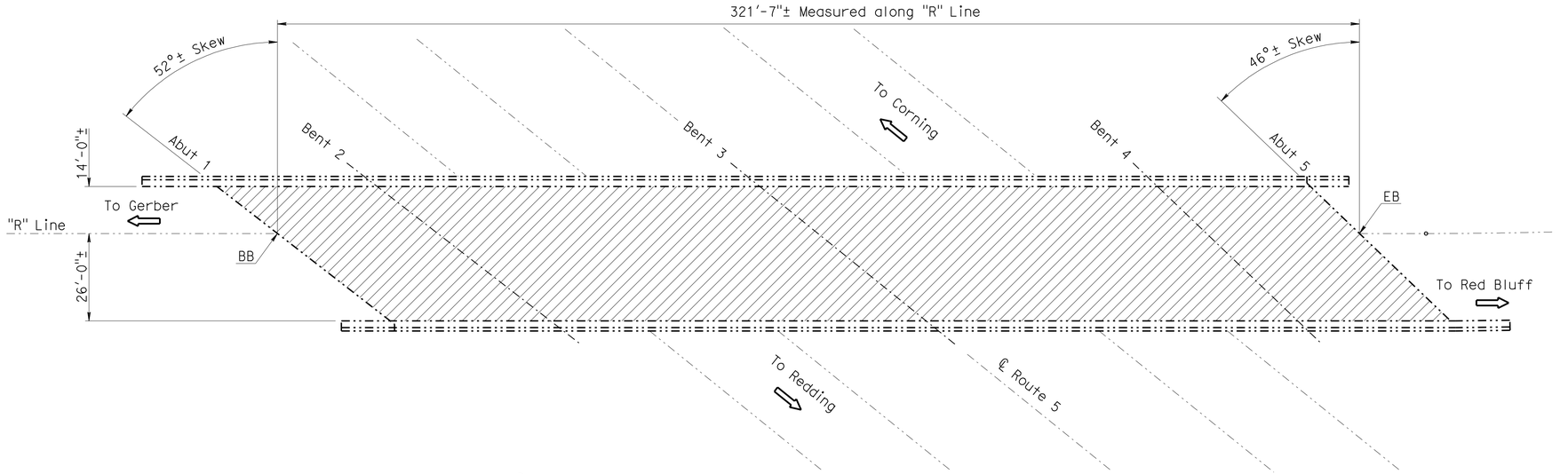


SOUTH MAIN STREET OVERCROSSING

Br. No. 08-0112, ROUTE 5, Teh, PM R24.87
1"=20'

NOTES: (APPLY TO THIS SHEET ONLY)

Indicates limits of clean and treat bridge deck with high molecular weight methacrylate.

SOUTH MAIN STREET OC #08-0112

QUANTITIES

CLEAN BRIDGE DECK	12,860	SQFT
TREAT BRIDGE DECK	12,860	SQFT
FURNISH BRIDGE DECK TREATMENT MATERIAL	140	GAL

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

Matthew W. Lee 9-27-11
DESIGN ENGINEER

	BY	CHECKED	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	
DESIGN	P. Kang	M. Hashimoto			
DETAILS	Dale Kubochi	M. Hashimoto	LAYOUT	Dale Kubochi	X
QUANTITIES	P. Kang	M. Hashimoto	SPECIFICATIONS	Karla Meier	Karla Meier

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO. VARIOUS
POST MILE VARIES

ROUTE 5 BRIDGES
GENERAL PLAN NO. 4

STRUCTURES MAINTENANCE GENERAL PLAN SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: 3488
PROJECT NUMBER & PHASE: 0200020069 CONTRACT NO.: 02-3E6401

DISREGARD PRINTS BEARING EARLIER REVISION DATES →

REVISION DATES				SHEET	OF
5-4-11	10-7-11			4	5

FILE => 02-3e6401-a-gp04.dgn

USERNAME => s124428 DATE PLOTTED => 17-JAN-2012 TIME PLOTTED => 11:03

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
02	Sha,Teh	5	Var	17	17

Peter B. Kang 9-27-11
REGISTERED CIVIL ENGINEER DATE

1-6-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER — PETER B. KANG — No. C 70336 — Exp. 9-30-12 — CIVIL — STATE OF CALIFORNIA

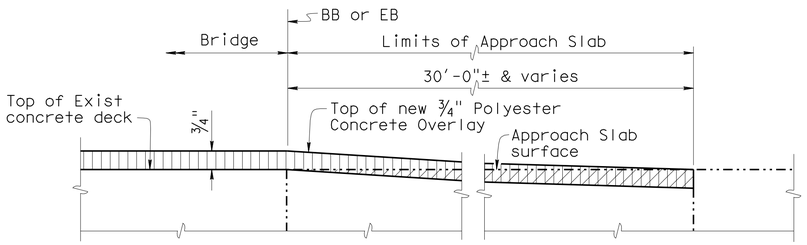
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

JOINT SEAL TABLE

BRIDGE NAME	BRIDGE NUMBER	LOCATION		MINIMUM "MR" (in)	APPROXIMATE LENGTH (Ft)	EXISTING WATERSTOP	APPROX DEPTH TO CLEAN EXP JOINT (in)
SOUTH ANDERSON OVERHEAD	06-0098L	Abut 1	BB	1	65.0	No	12
		Abut 4	EB	1	65.0	No	12
WILLOW CREEK	08-0110L	Abut 1	BB	1/2	24.0	No	12
		Abut 6	EB	1/2	40.0	No	12
	08-0110R	Abut 1	BB	1/2	40.0	No	12
		Abut 6	EB	1/2	24.0	No	12
OAT CREEK	08-0117L	Abut 1	BB	1/2	40.0	No	12
		Abut 6	EB	1/2	40.0	No	12
	08-0117R	Abut 1	BB	1/2	40.0	No	12
		Abut 6	EB	1/2	40.0	No	12
COYOTE CREEK	08-0111L	Abut 1	BB	1	51.0	No	12
		Abut 6	EB	1	51.0	No	12
	08-0111R	Abut 1	BB	1	51.0	No	12
		Abut 6	EB	1	51.0	No	12

LEGEND:

BB - Paving Notch at beginning of bridge
EB - Paving Notch at end of bridge



SECTION A-A

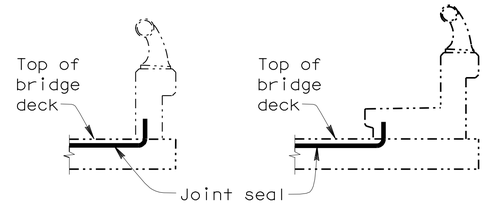
No Scale

NOTES:

Indicates limits of grind concrete surfacing.

Indicates limits of prepare concrete bridge deck surface, furnish and place new 3/4" minimum depth polyester concrete overlay.

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

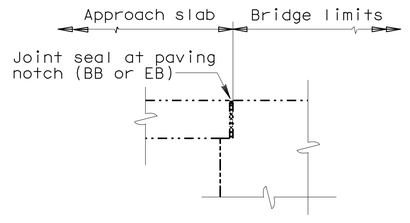


BARRIER RAIL

JOINT SEAL AT LOW SIDE OF DECK

Notes: Details shown for illustration purposes only.

For use only where deck joint matches the sidewalk, curb or barrier rail joint.



DIAPHRAGM ABUTMENT

JOINT SEAL LOCATION

DECK REPAIR TABLE REMOVE UNSOUND CONCRETE AND RAPID SETTING CONCRETE (PATCH)			
BRIDGE NAME	BRIDGE NUMBER	APPROXIMATE AREA DAMAGED (PERCENT)	APPROXIMATE DEPTH (INCHES)
SOUTH ANDERSON OVERHEAD	06-0098L	1	3
WILLOW CREEK	08-0110L	1	3
	08-0110R	1	3
OAT CREEK	08-0117L	1	3
	08-0117R	1	3
COYOTE CREEK	08-0111L	1	3
	08-0111R	1	3

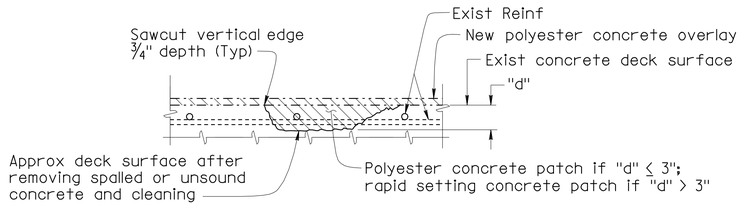
Locations to be determined by the Engineer.
For details see "Deck Repair Detail - Overlay".

The following notes apply to JOINT SEAL TYPE B:

1) Seal must satisfy both minimum Movement Rating (MR) and minimum W1 requirements.
2) Minimum W1 is the calculated maximum width of the joint based on field measurements. After the joints have been cleaned, minimum W1 is to be calculated by the Engineer.
3) W1 shall be the smaller of the values determined as follows:
   A) 0.85 times the manufacturer's designed minimum uncompressed width of the seal.
   B) The width of the seal on the third successive test cycle of the pressure deflection test; when compressed to an average pressure of 3 psi.
4) Bend Type B joint seal 6" up into curb or rail on the low side of the deck where deck joint matches curb or rail joint.
5) For details not shown, see RSP B6-21

The following notes apply to JOINT SEAL TYPE A:

1) Install Type A joint seal 3" up into rail on the low side of deck where joint matches curb or rail joint.
2) For details not shown, see RSP B6-21



DECK REPAIR DETAIL - OVERLAY

Note: Locations to be determined by the Engineer.
Reinforcement may be encountered during deck concrete removal.

NO SCALE

	DESIGN	BY P. Kang	CHECKED M. Hashimoto	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO. VARIOUS	ROUTE 5 BRIDGES
	DETAILS	BY Dale Kubochi	CHECKED M. Hashimoto			POST MILE VARIES	JOINT SEAL DETAILS
	QUANTITIES	BY P. Kang	CHECKED M. Hashimoto				

STRUCTURES MAINTENANCE DETAIL SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: 3488
PROJECT NUMBER & PHASE: 0200020069 CONTRACT NO.: 02-3E6401

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES				SHEET	OF
5-4-11	7-27-11	8-29-11	10-7-11	5	5

FILE => 02-3e6401-j-jtseal-det.dgn

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