

INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2-3	TYPICAL CROSS SECTIONS
4	CONSTRUCTION DETAILS
5	CONSTRUCTION AREA SIGNS
6	SUMMARY OF QUANTITIES
7-9	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

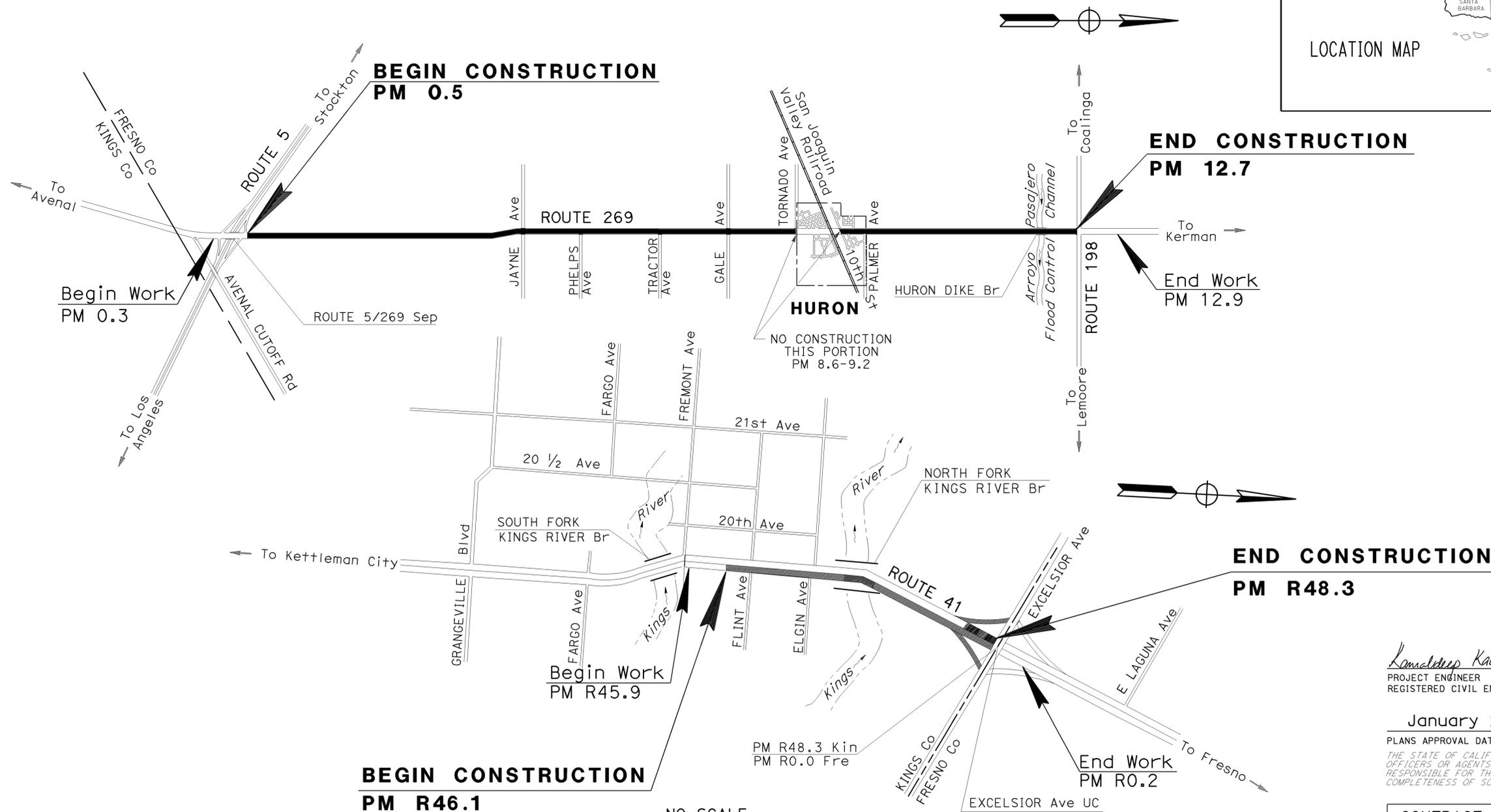
PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY

IN KINGS AND FRESNO COUNTIES
ON ROUTE 41 FROM 0.2 MILE SOUTH OF FLINT AVENUE
TO EXCELSIOR AVENUE UNDERCROSSING AND
ON ROUTE 269 FROM ROUTE 5 TO ROUTE 198

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Kin, Fre	41, 269	R46.1/R48.3, 0.5/12.7	1	9

LOCATION MAP



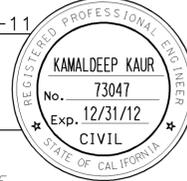
PROJECT MANAGER
BILL MOSES

DESIGN ENGINEER
FRANK GONZALEZ

Kamaldeep Kaur 1-14-11
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER

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.



CONTRACT No.	06-0M4904
PROJECT ID	0600020027

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN
 FUNCTIONAL SUPERVISOR: FRANK GONZALEZ
 BEGERED GHAZI
 KAMALDEEP KAUR
 REVISIONS: (Grid with X's)
 REVISOR: BEGERED GHAZI
 DATE: (Grid with X's)
 CHECKED BY: (Grid with X's)
 DESIGNED BY: (Grid with X's)

NOTE:
 FOR ACCURATE RIGHT OF WAY DATA,
 CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

ABBREVIATION:
 RAC RUBBERIZED ASPHALT CONCRETE

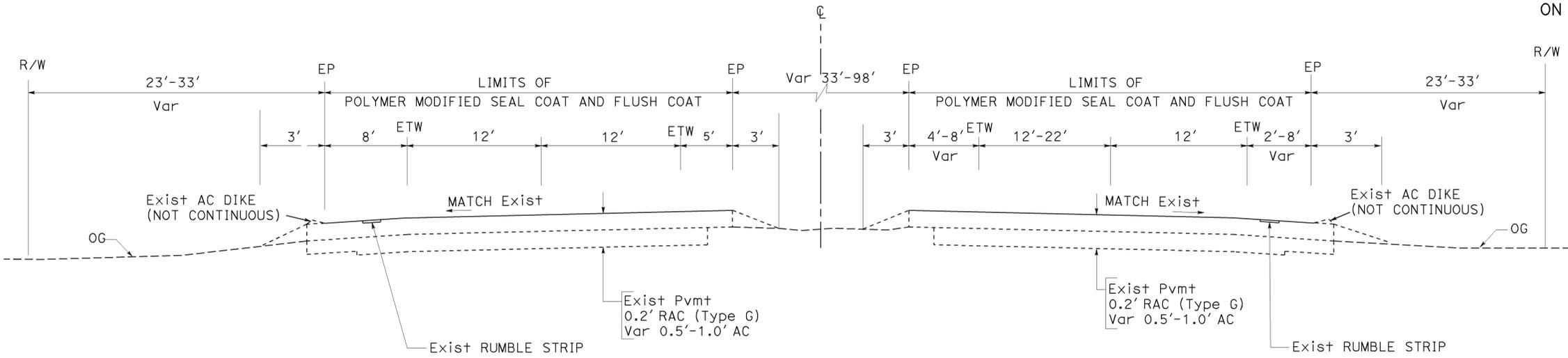
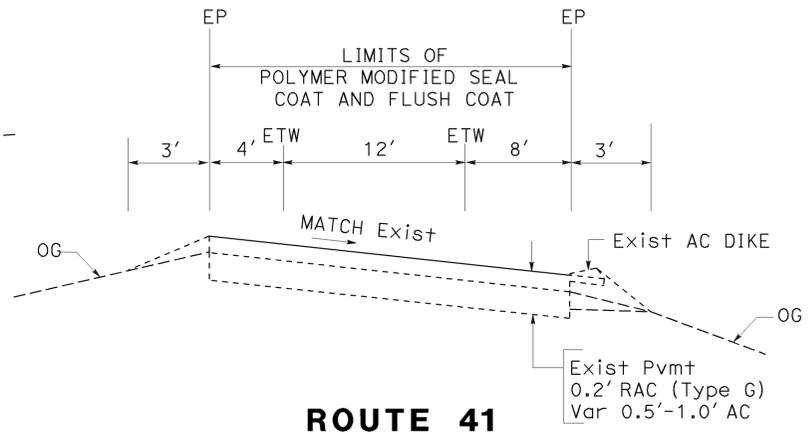
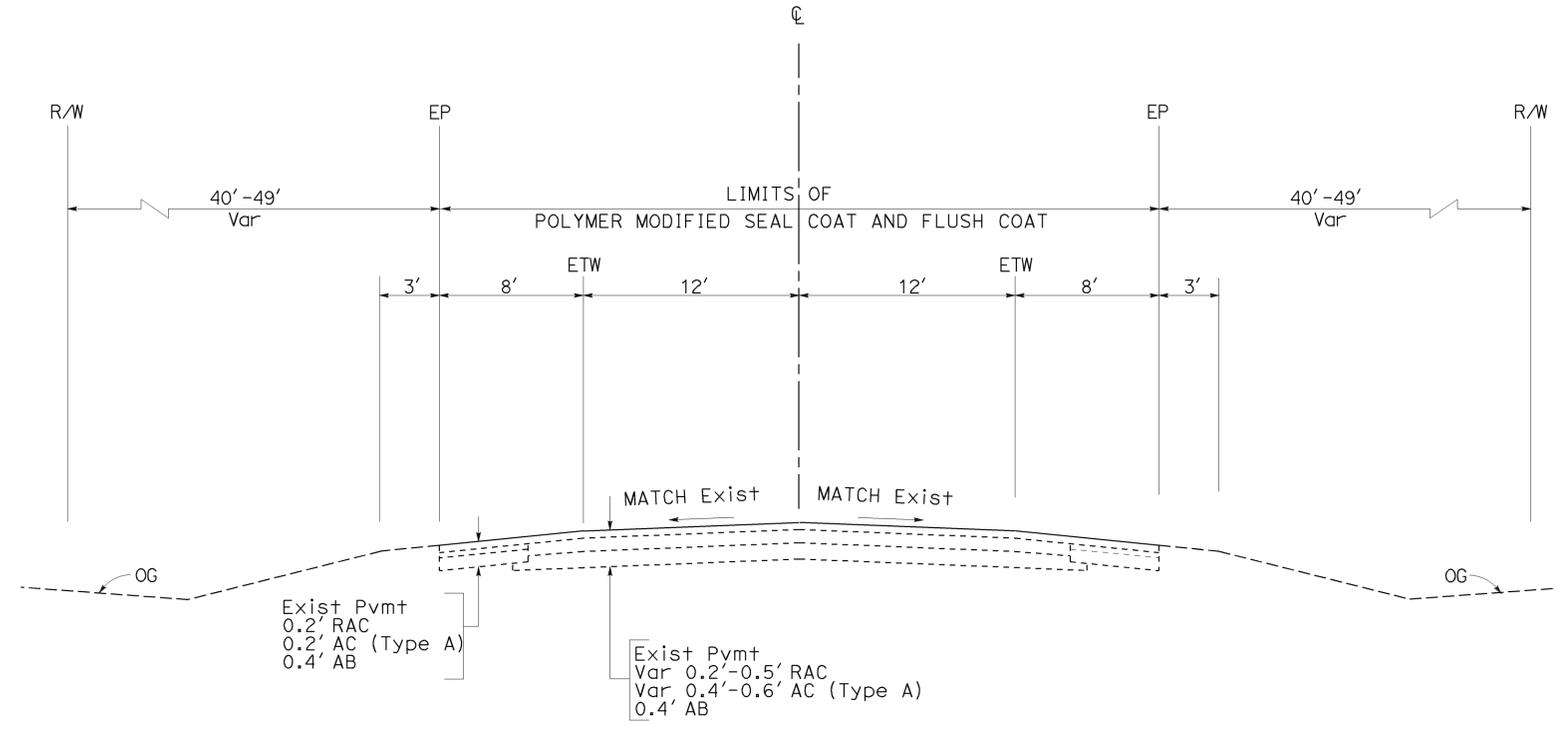
Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Kin, Fre	41,269	R46.1/R48.3, 0.5/12.7	2	9

Kamaldeep Kaur 1-14-11
 REGISTERED CIVIL ENGINEER DATE

1-24-11
 PLANS APPROVAL DATE

KAMALDEEP KAUR
 No. 73047
 Exp. 12/31/12
 CIVIL

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.



TYPICAL CROSS SECTIONS
 NO SCALE
 X-1

LAST REVISION: 01-14-11
 DATE PLOTTED => 09-FEB-2011
 TIME PLOTTED => 09:09

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Kin, Fre	41,269	R46.1/R48.3, 0.5/12.7	4	9
Kamaldeep Kaur			1-14-11	REGISTERED CIVIL ENGINEER DATE	
1-24-11			PLANS APPROVAL DATE		
<small>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.</small>					

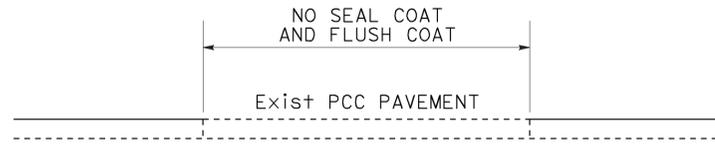
LEGEND

SEAL COAT AND FLUSH COAT

DIRECTION OF TRAVEL

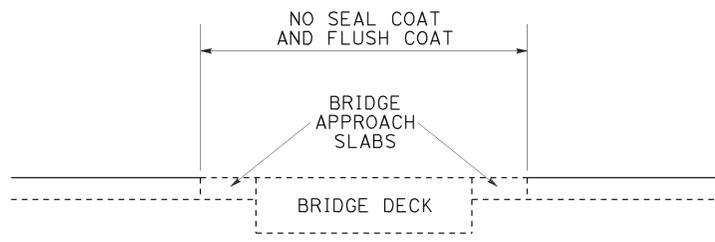
SURVEY MONUMENTS TO BE PROTECTED IN PLACE

ROUTE	POST MILE	LOCATION DESCRIPTION	MONUMENT DESCRIPTION
269	0.6	CENTERLINE-EAST OF Rte 5	MONUMENT WELL
269	1.6	CENTERLINE	MONUMENT WELL
269	2.6	CENTERLINE	EXPOSED BRASS CAP
269	4.55	CENTERLINE, END OF CURVE	MONUMENT WELL
269	4.6	INTERSECTION Rte 269 AND JAYNE Ave	MONUMENT WELL
269	5.1	CENTERLINE, PCC Pvmt	EXPOSED BRASS CAP
269	5.6	INTERSECTION Rte 269 AND PHELPS Ave	MONUMENT WELL-2
269	5.6	INTERSECTION Rte 269 AND PHELPS Ave	MONUMENT WELL
269	6.6	CENTERLINE AT TRACTOR Ave	MONUMENT WELL
269	7.6	INTERSECTION Rte 269 AND GALE Ave	MONUMENT WELL
269	9.6	INTERSECTION Rte 269 AND PALMER Ave	MONUMENT WELL
269	10.75	CENTERLINE	MONUMENT WELL
269	11.2	CENTERLINE	EXPOSED BRASS CAP
269	12.75	INTERSECTION Rte 269 AND Rte 198	MONUMENT WELL



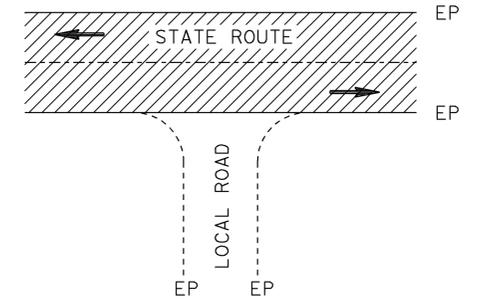
Exist PCC PAVEMENT LOCATIONS

PM LOCATIONS (ROUTE 269)
2.6, 5.2, 8.2, 10.8, 11.3, 11.8

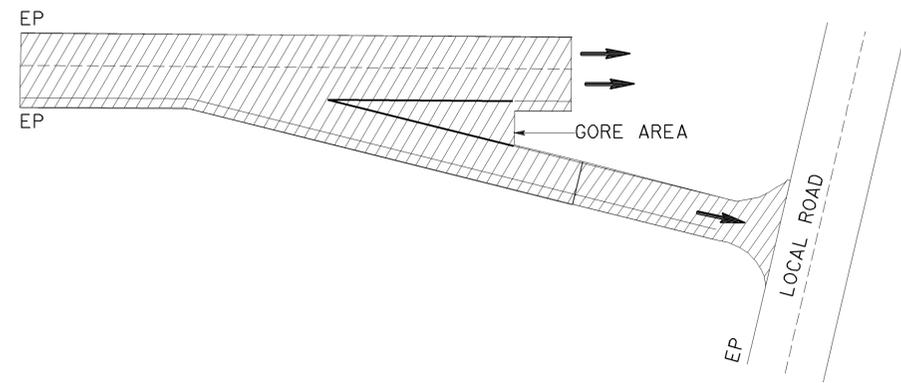


TYPICAL BRIDGE APPROACH

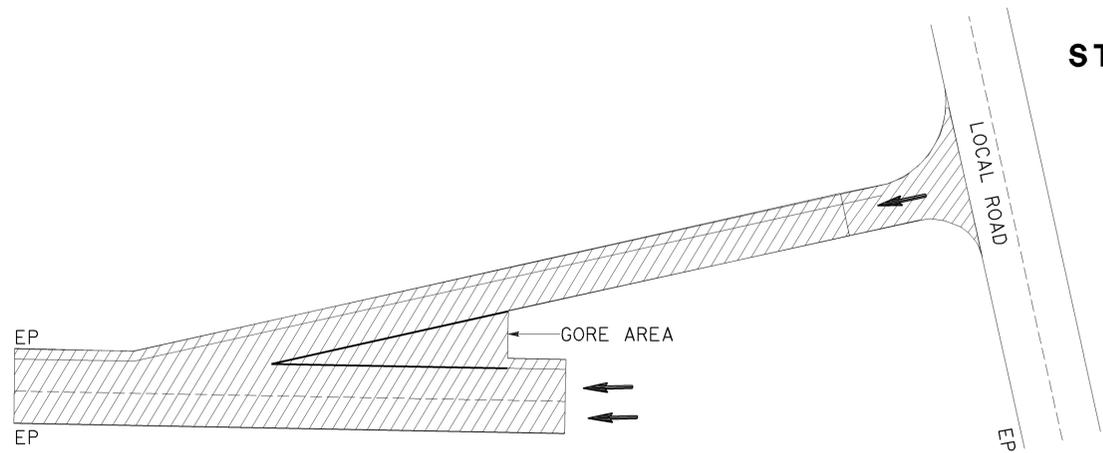
ROUTE 269 PM 12.2 HURON DIKE Br
ROUTE 41 PM 47.2 NORTH FORK KINGS RIVER Br



TYPICAL LOCAL STREET INTERSECTION



TYPICAL ON RAMP



TYPICAL OFF RAMP

CONSTRUCTION DETAILS

C-1

NO SCALE

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN
 BEGERED GHAZI
 KAMALDEEP KAUR
 CALCULATED/DESIGNED BY
 CHECKED BY
 FUNCTIONAL SUPERVISOR
 FRANK GONZALEZ

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN

FUNCTIONAL SUPERVISOR
 FRANK GONZALEZ

CALCULATED/DESIGNED BY
 CHECKED BY

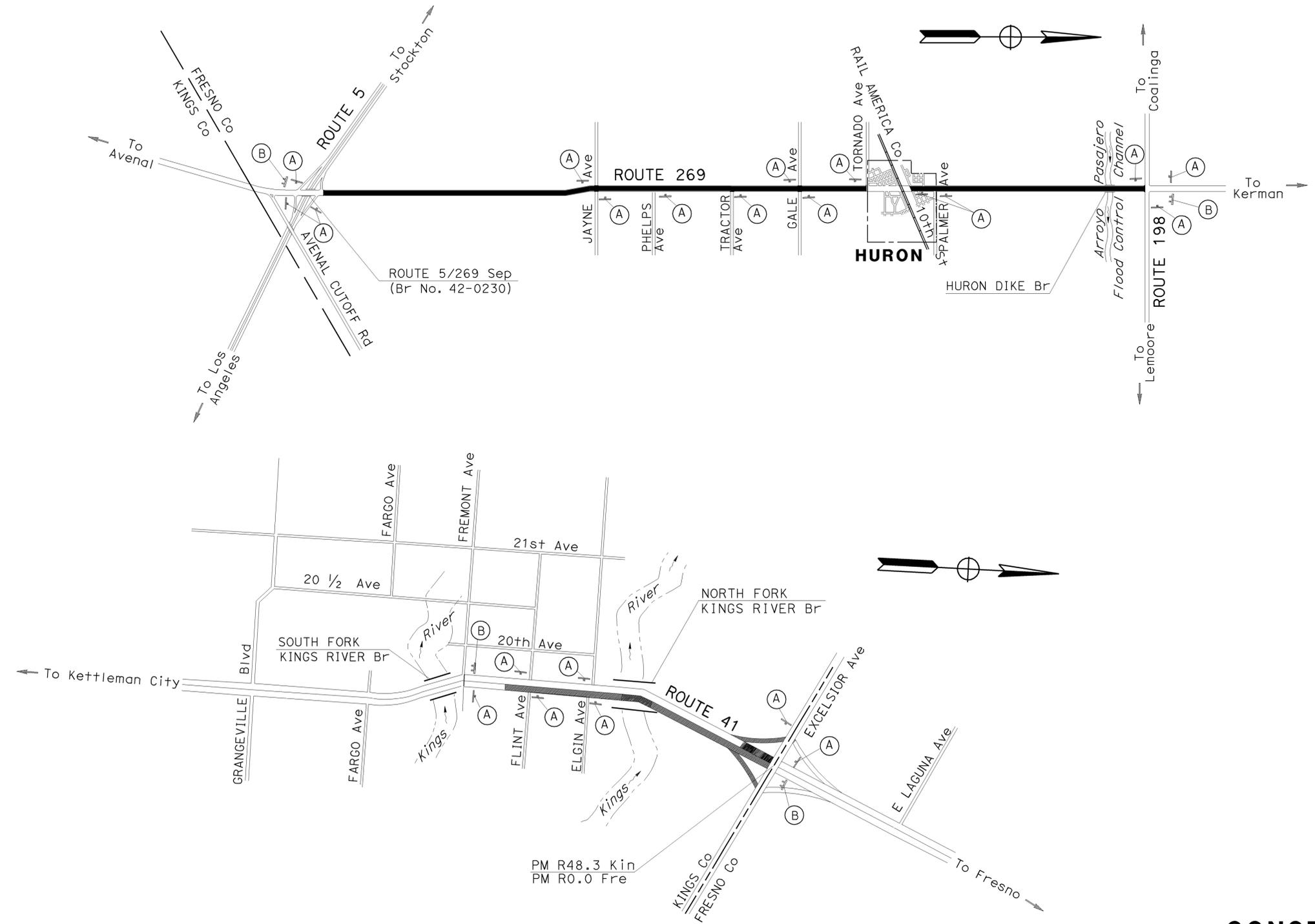
BEGERED GHAZI
 KAMALDEEP KAUR

REVISED BY
 DATE REVISED

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

SIGN No.	SIGN CODE	PANEL SIZE	SIGN MESSAGE	No. OF POST AND SIZE	No. of SIGNS
(A)	W20-1	48" x 48"	ROAD WORK AHEAD	1 - 4" x 6"	22
(B)	G20-2	48" x 18"	END ROAD WORK	2 - 4" x 4"	4

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



THIS PLAN IS ACCURATE FOR CONSTRUCTION AREA SIGN WORK ONLY

CONSTRUCTION AREA SIGNS
 NO SCALE
CS-1

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Kin, Fre	41,269	R46.1/R48.3, 0.5/12.7	5	9

Kamaldeep Kaur 1-14-11
 REGISTERED CIVIL ENGINEER DATE

1-24-11
 PLANS APPROVAL DATE

KAMALDEEP KAUR
 No. 73047
 Exp. 12/31/12
 CIVIL

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.

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Kin, Fre	41,269	R46.1/R48.3, 0.5/12.7	6	9
<i>Kamaldeep Kaur</i> REGISTERED CIVIL ENGINEER			1-14-11	DATE	
1-24-11 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.					

REGISTERED PROFESSIONAL ENGINEER
KAMALDEEP KAUR
 No. 73047
 Exp. 12/31/12
 CIVIL
 STATE OF CALIFORNIA

ROADWAY QUANTITIES

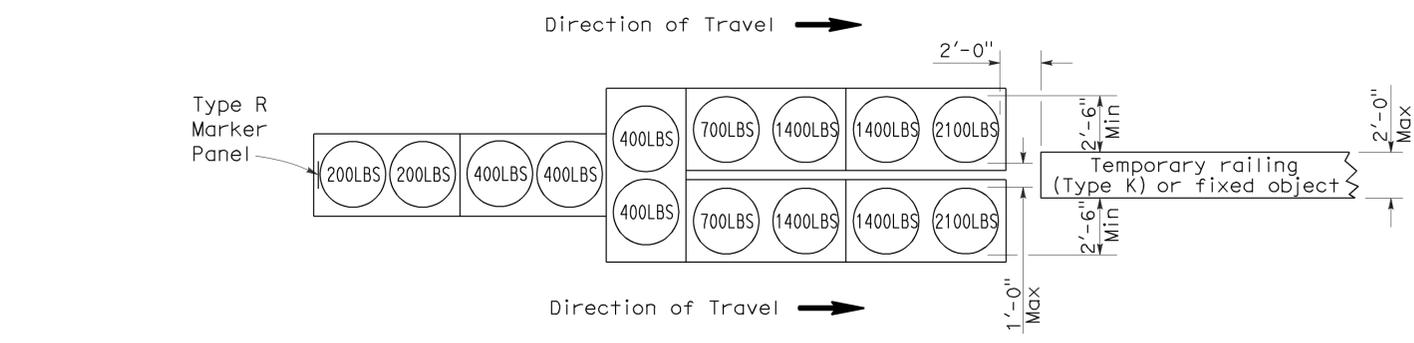
LOCATION	ASPHALTIC EMULSION (POLYMER MODIFIED)	SCREENINGS (MEDIUM)	ASPHALTIC EMULSION (FOG SEAL COAT)	SAND COVER
	TON	TON	TON	TON
ROUTE 41	91	819	13	99
ROUTE 269	393	3573	54	429
TOTAL	484	4392	67	528

PAVEMENT DELINEATION QUANTITIES

LOCATION	DETAIL No.	PAVEMENT MARKER (RETROREFLECTIVE)			REMOVE THERMOPLASTIC TRAFFIC STRIPE	THERMOPLASTIC TRAFFIC STRIPE					REMOVE THERMOPLASTIC PAVEMENT MARKING	DESCRIPTION	SQFT	DESCRIPTION	SQFT	REMOVE PAVEMENT MARKER
		TYPE D (TWO-WAY YELLOW)	TYPE H (ONE-WAY YELLOW)	TYPE G (ONE-WAY CLEAR)		4" SOLID	4" BROKEN (12-3)	4" BROKEN (36-12)	4" BROKEN (17-7)	8" SOLID						
		EA	EA	EA		LF	LF	LF	LF	LF						
ROUTE 41	6	9					361					4 - TYPE III (L)	168	4 - TYPE III (L)	168	9
	8											11 - TYPE V	363	11 - TYPE V	363	
	12			522				24,919				3 - "STOP"	66	3 - "STOP"	66	522
	25A		1082									1 - "AHEAD"	31	1 - "AHEAD"	31	1082
	27B											1 - LIMIT LINE	65	1 - LIMIT LINE	65	
	38		23		526											23
	36				584											
ROUTE 269	6	994						47,671				6 - "STOP"	132	6 - "STOP"	132	994
	9			154								3 - "AHEAD"	93	3 - "AHEAD"	93	154
	19	124	247					5,899				2 - "XING" (YELLOW)	42	2 - "XING" (YELLOW)	42	371
	22	763						9,134				2 - "SCHOOL" (YELLOW)	70	2 - "SCHOOL" (YELLOW)	70	763
	27B							118,261				2 - "SLOW" (YELLOW)	46	2 - "SLOW" (YELLOW)	46	
	27C								932			8 - TYPE III (R)	336	8 - TYPE III (R)	336	
	32	487						4,652				8 - TYPE III (L)	336	8 - TYPE III (L)	336	487
	38			7	131							3 - TYPE VI (L)	126	3 - TYPE VI (L)	126	7
											3 - LIMIT LINE	98	3 - LIMIT LINE	98		
											1 - CROSSWALK (YELLOW)	160	1 - CROSSWALK (YELLOW)	160		
SUBTOTAL		2377	1352	683	1241	190,178	932	83,502	7527	1241		2132			2132	4412
TOTAL			4412		1241	190,178	932	83,502	7527	1241		2132			2132	4412

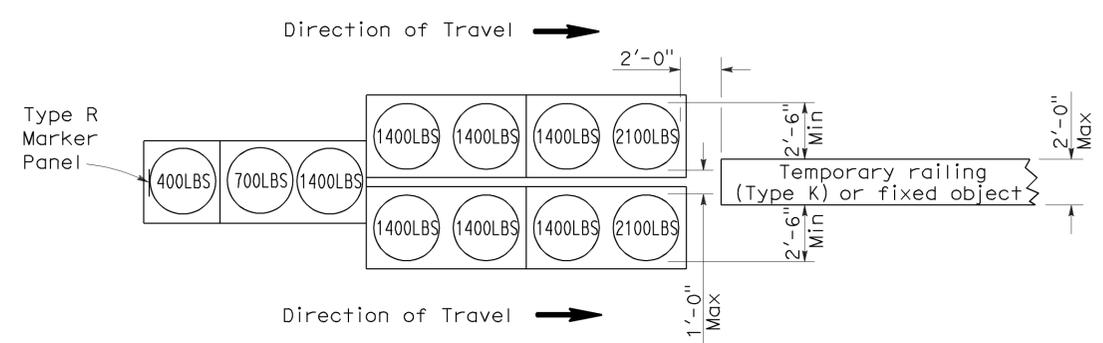
SUMMARY OF QUANTITIES Q-1

To accompany plans dated 1-24-11



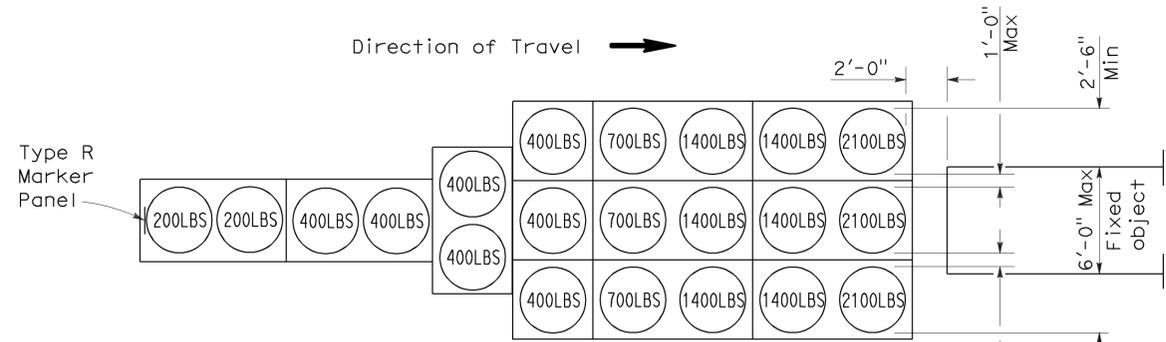
ARRAY 'TU14'

Approach speed 45 mph or more



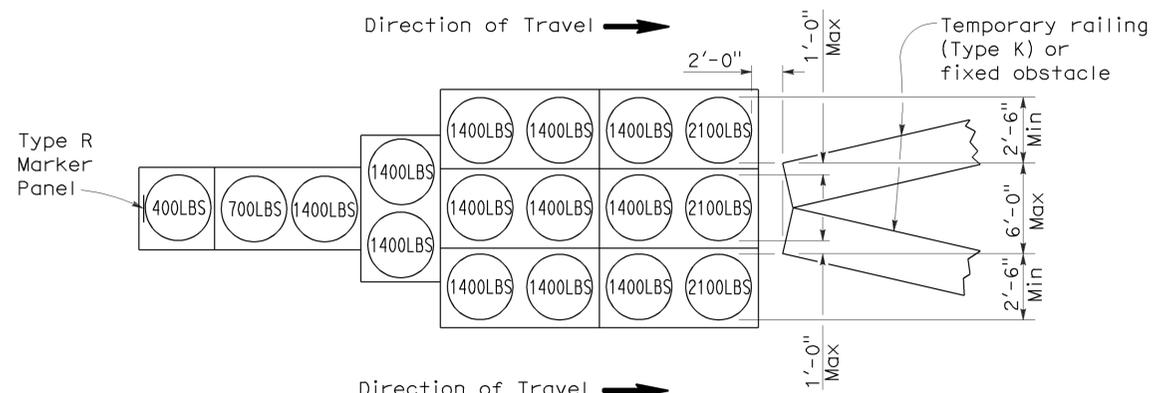
ARRAY 'TU11'

Approach speed less than 45 mph



ARRAY 'TU21'

Approach speed 45 mph or more

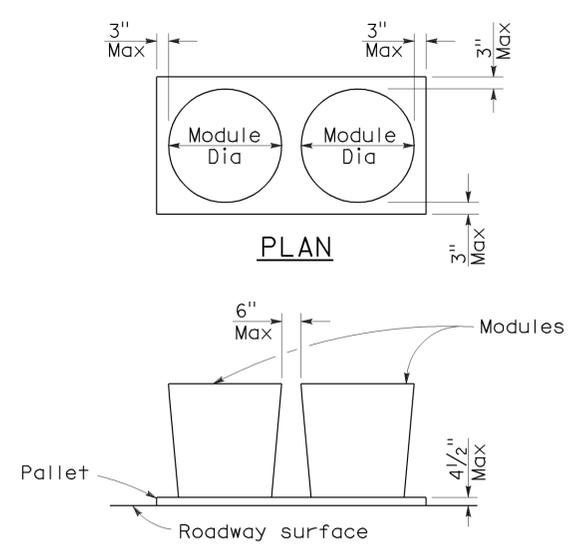


ARRAY 'TU17'

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.



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

2006 REVISED STANDARD PLAN RSP T1A

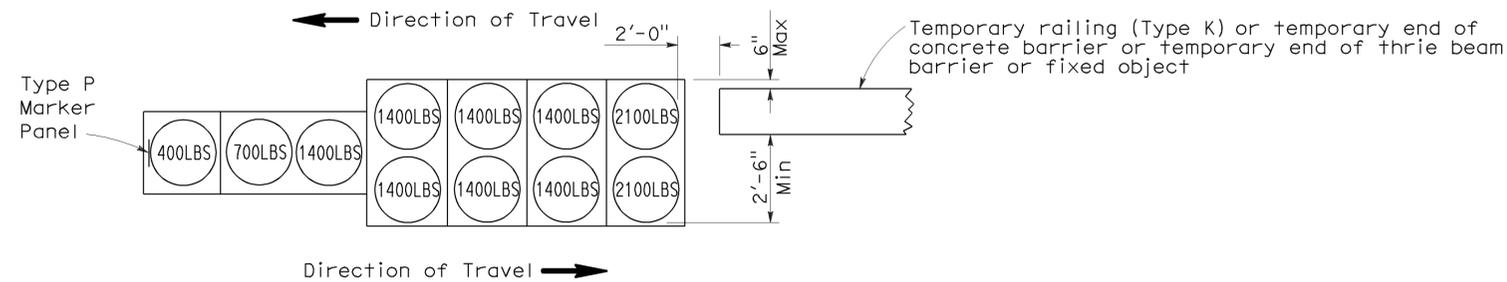
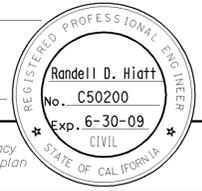
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Kin, Fre	41, 269	R46.1/R48.3, 0.5/12.7	8	9

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

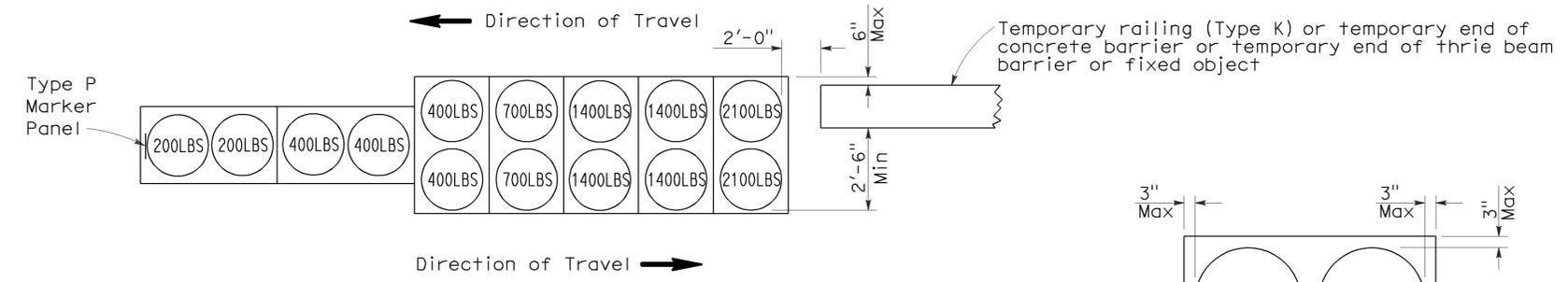
June 6, 2008
PLANS APPROVAL DATE

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.

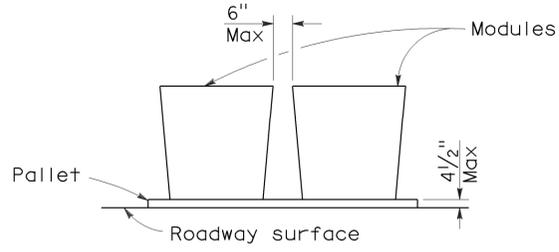
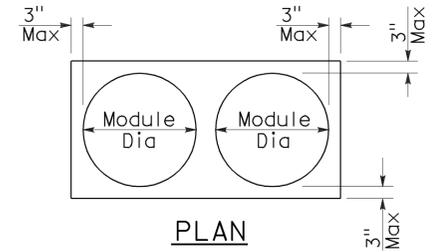
To accompany plans dated 1-24-11



ARRAY 'TB11'
Approach speed less than 45 mph



ARRAY 'TB14'
Approach speed 45 mph or more



CRASH CUSHION PALLET DETAIL
See Note 7

NOTES:

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

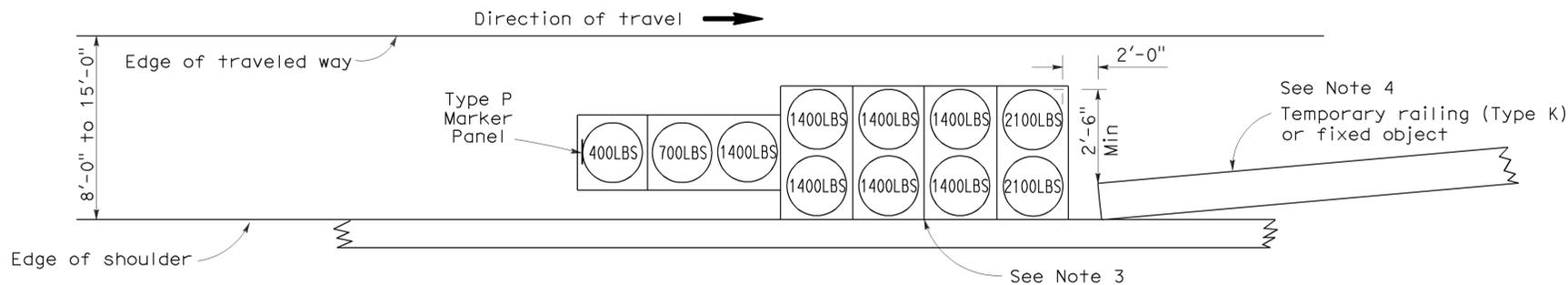
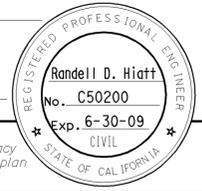
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Kin, Fre	41, 269	R46.1/R48.3, 0.5/12.7	9	9

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

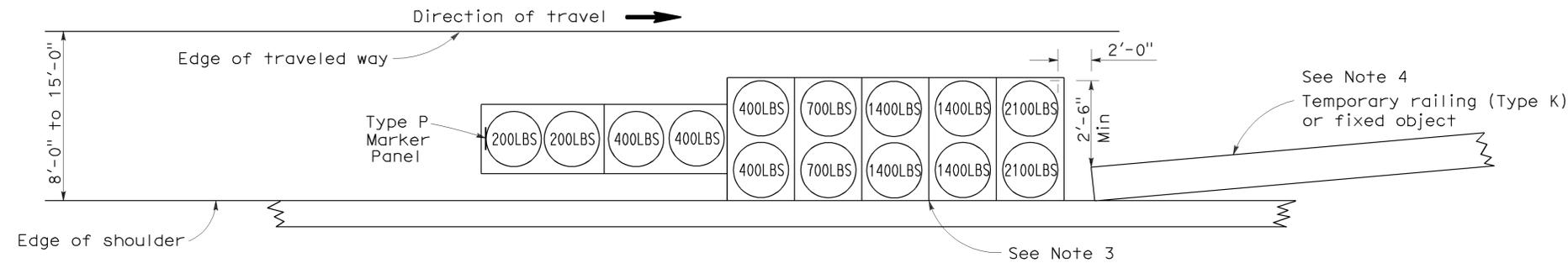
June 6, 2008
PLANS APPROVAL DATE

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.

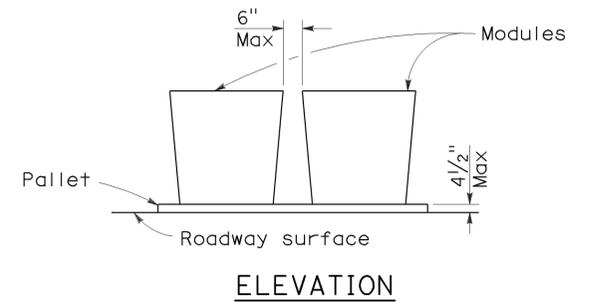
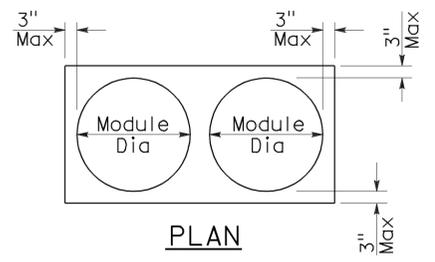
To accompany plans dated 1-24-11



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



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



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