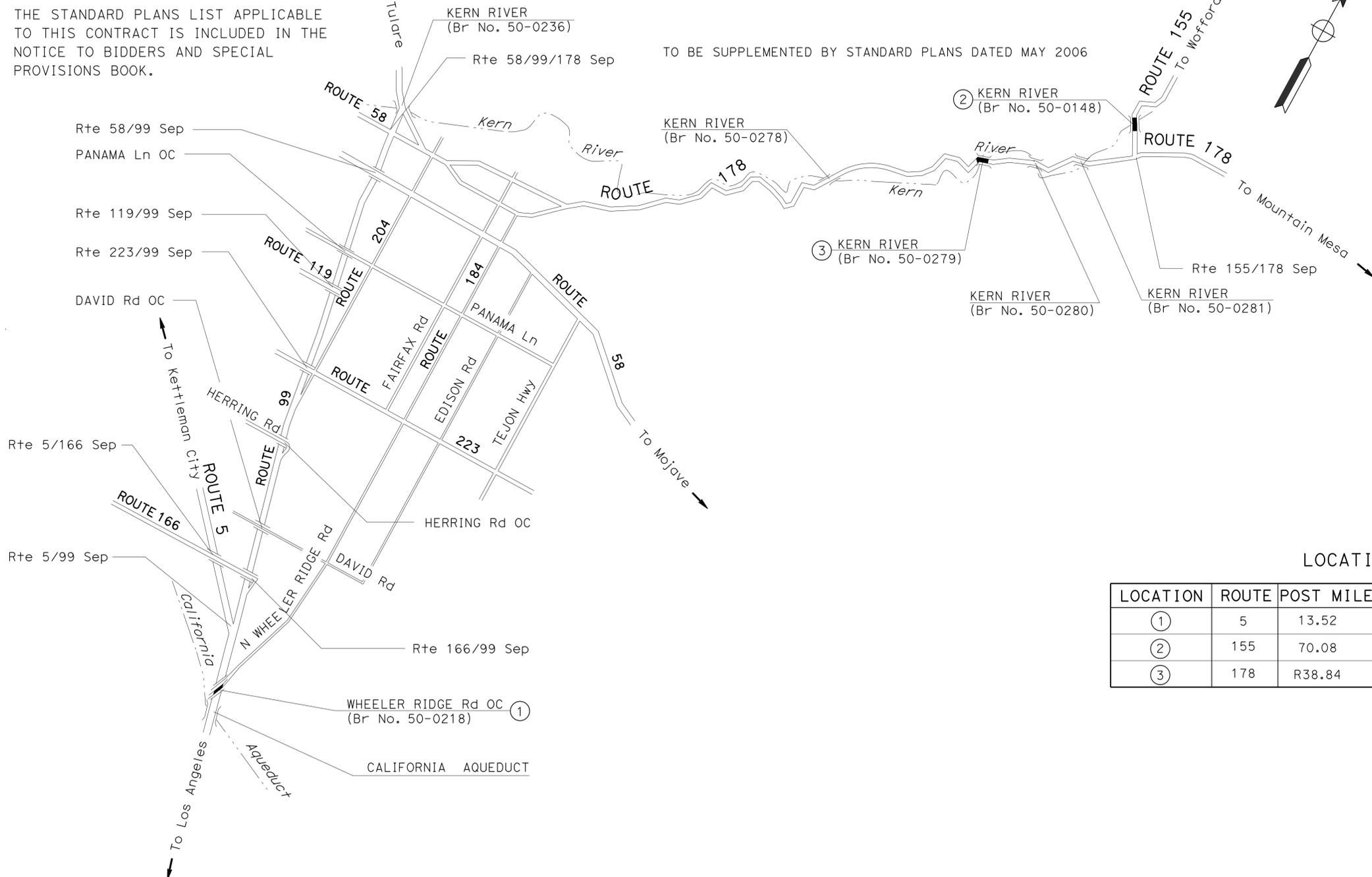


INDEX OF PLANS

SHEET No.	DESCRIPTION
1	TITLE AND LOCATION MAP
2	CONSTRUCTION AREA SIGNS
3-6	REVISED AND NEW STANDARD PLANS
STRUCTURE PLANS	
7	BRIDGE No. 50-0218, ROUTE 5
8	BRIDGE No. 50-0148, ROUTE 155
9	BRIDGE No. 50-0279, ROUTE 178
10	JOINT SEAL DETAILS

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 KERN COUNTY
AT VARIOUS
LOCATIONS**



TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

LOCATIONS OF CONSTRUCTION

LOCATION	ROUTE	POST MILE	DESCRIPTION	DIRECTION
①	5	13.52	WHEELER RIDGE ROAD OC (Br No. 50-0218)	NB/SB
②	155	70.08	KERN RIVER (Br No. 50-0148)	EB/WB
③	178	R38.84	KERN RIVER (Br No. 50-0279)	EB/WB

PROJECT MANAGER
SUZIE HOLDRIDGE

DESIGN ENGINEER
FRANK GONZALEZ

Kamaldeep Kaur 03-01-12
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER
KAMALDEEP KAUR
No. C73047
Exp. 12/31/12
CIVIL
STATE OF CALIFORNIA

July 30, 2012
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.	06-0M2204
PROJECT ID	0600020115

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

NO SCALE

DATE PLOTTED => 07-AUG-2012 TIME PLOTTED => 11:34
LAST REVISION 07-30-12

STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	5, 155, 178	Var	2	10

Kamaldeep Kaur 7-29-12
 REGISTERED CIVIL ENGINEER DATE

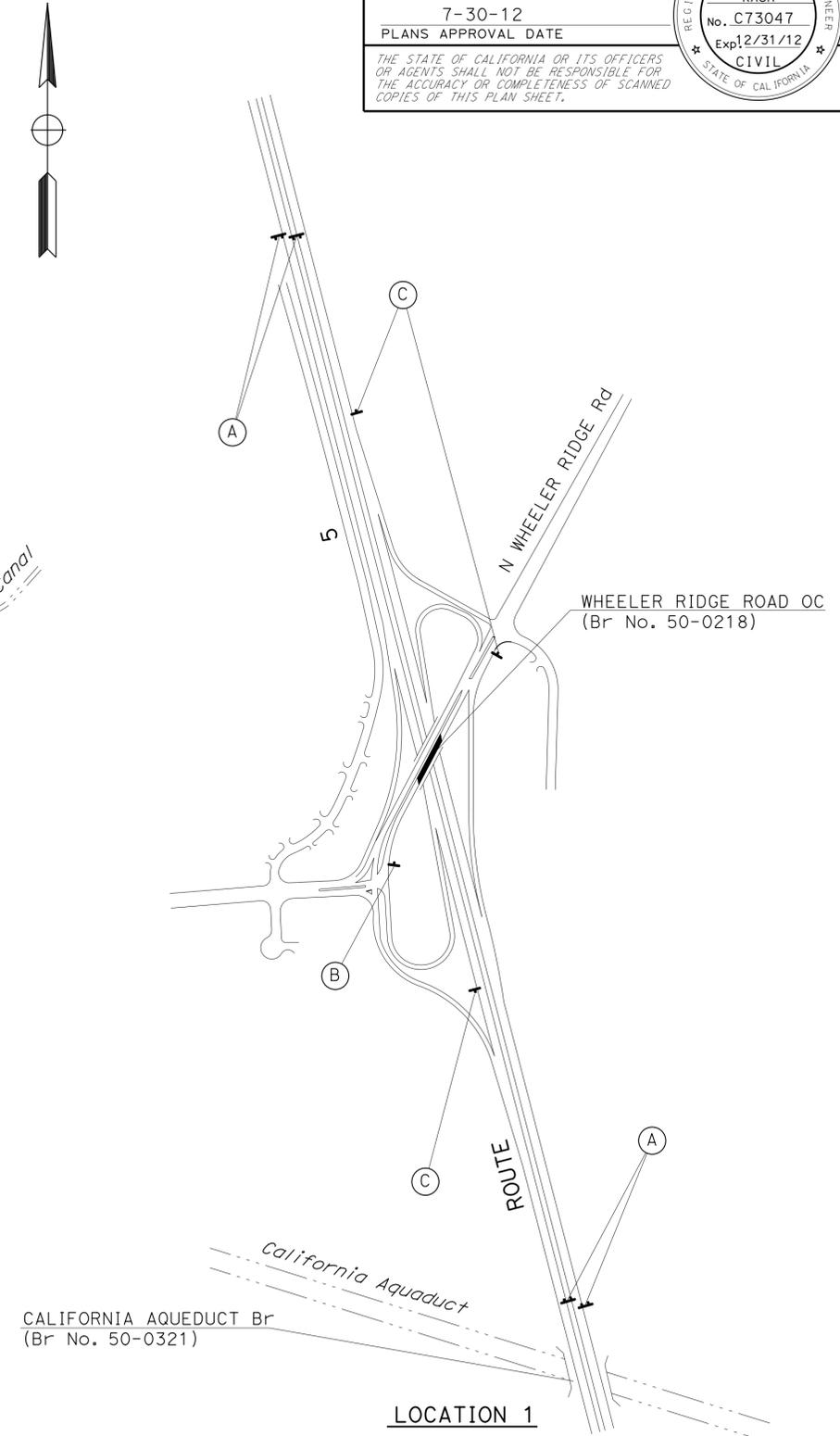
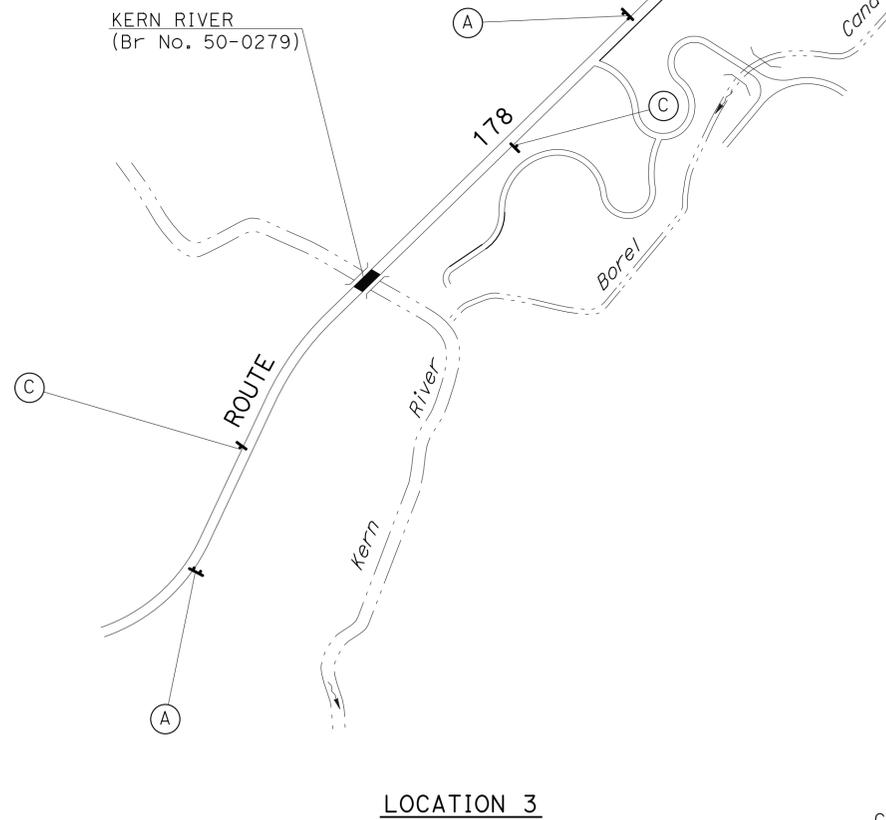
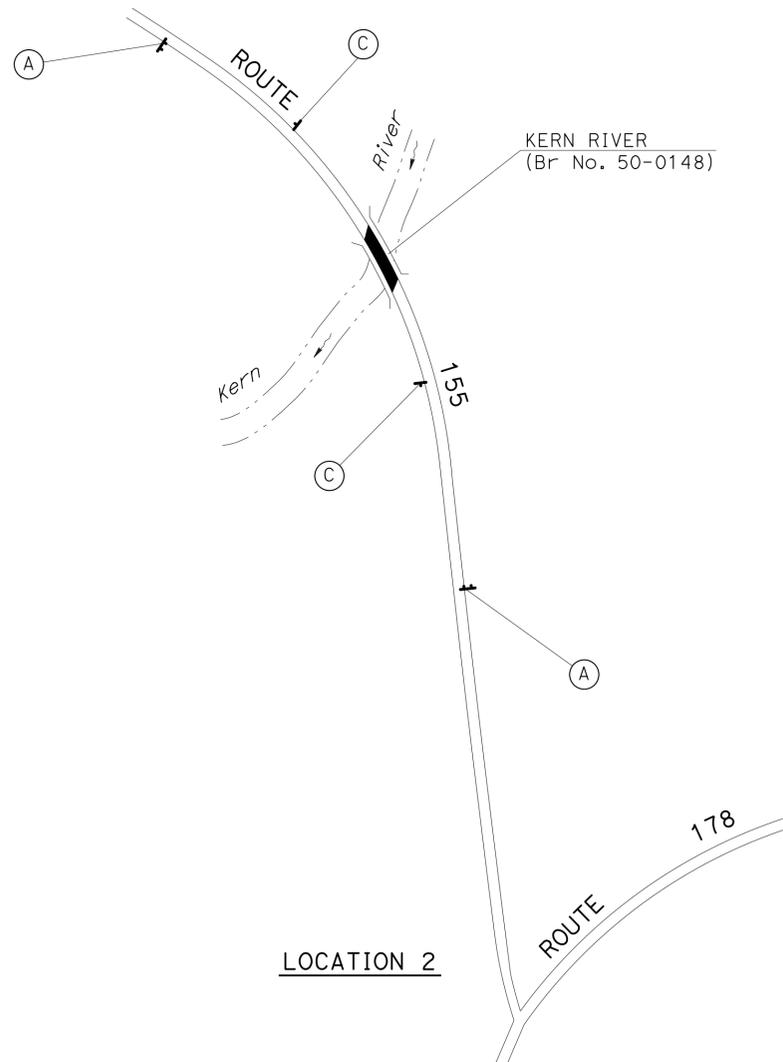
7-30-12
 PLANS APPROVAL DATE

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.

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 - 6" x 6"	8
(B)	W20-1	36" x 36"	ROAD WORK AHEAD	1 - 4" x 6"	1
(C)	G20-2	36" x 18"	END ROAD WORK	1 - 4" x 4"	7

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

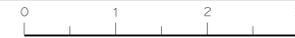
STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans MAINTENANCE DESIGN
 FUNCTIONAL SUPERVISOR: FRANK GONZALEZ
 CALCULATED/DESIGNED BY: LEE XIONG
 CHECKED BY: KAMALDEEP KAUR
 REVISED BY: DATE
 REVISIONS:



CONSTRUCTION AREA SIGNS

NO SCALE **CS-1**

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY



DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5, 155, 178	Var	3	10

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

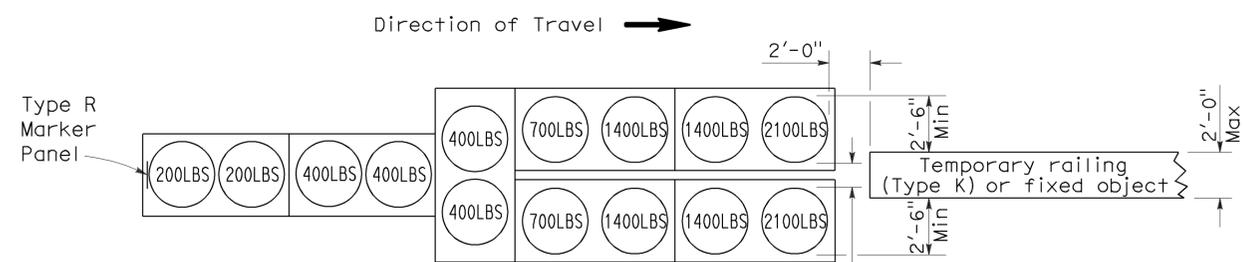
June 6, 2008
PLANS APPROVAL DATE

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

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.

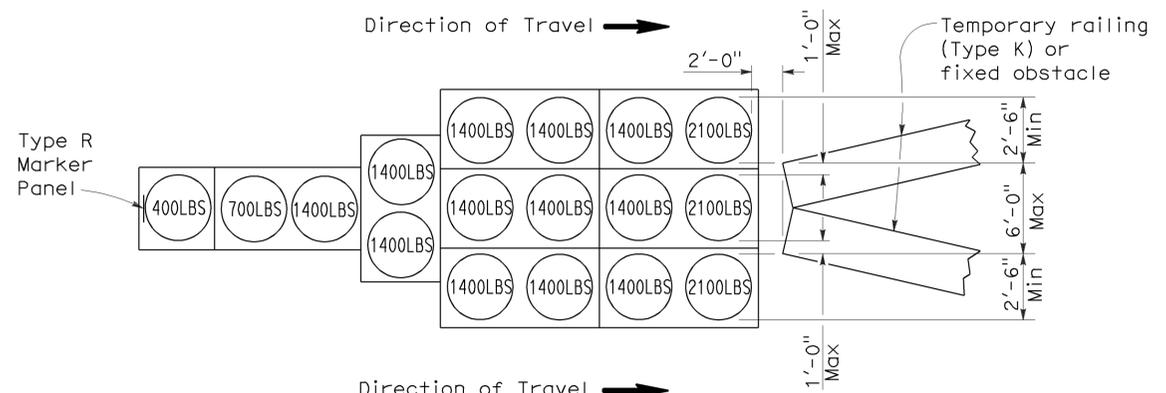
To accompany plans dated 7-30-12

2006 REVISED STANDARD PLAN RSP T1A



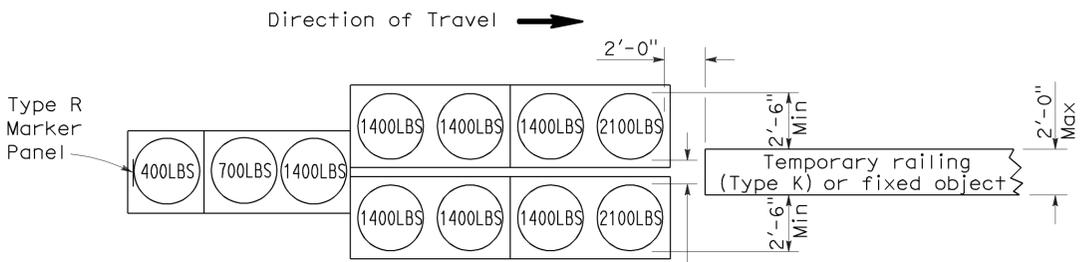
ARRAY 'TU14'

Approach speed 45 mph or more



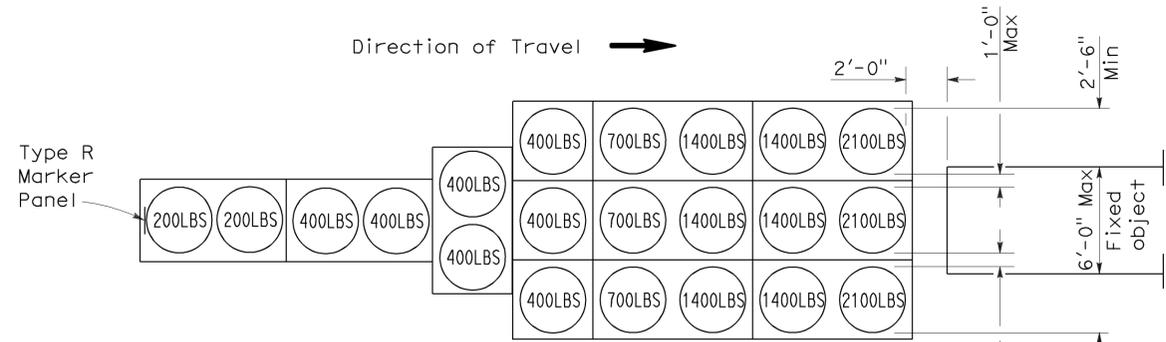
ARRAY 'TU17'

Approach speed less than 45 mph



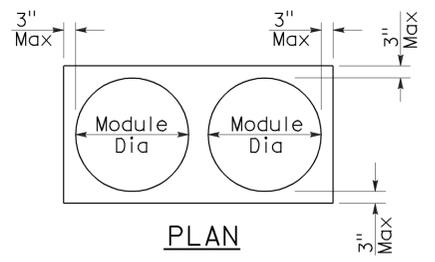
ARRAY 'TU11'

Approach speed less than 45 mph

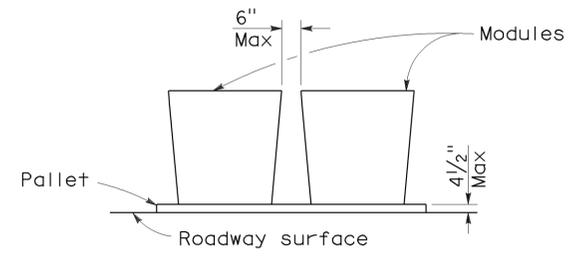


ARRAY 'TU21'

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

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5, 155, 178	Var	4	10

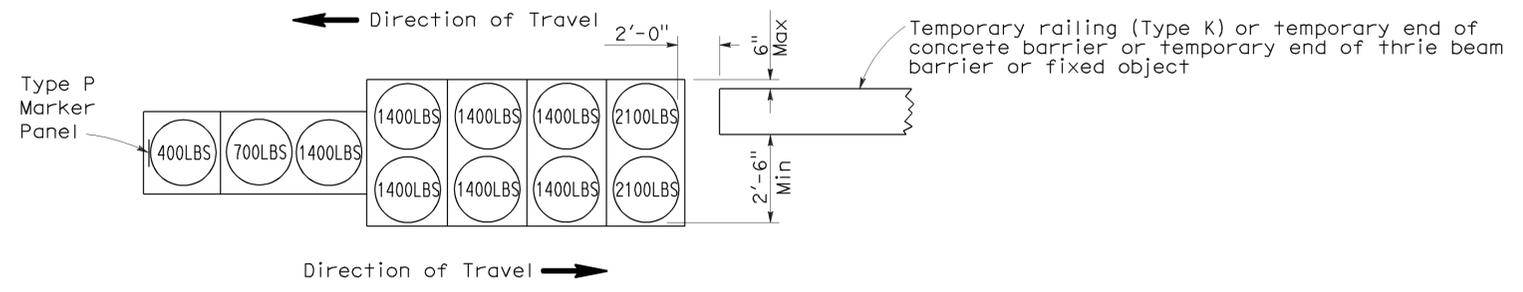
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

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.

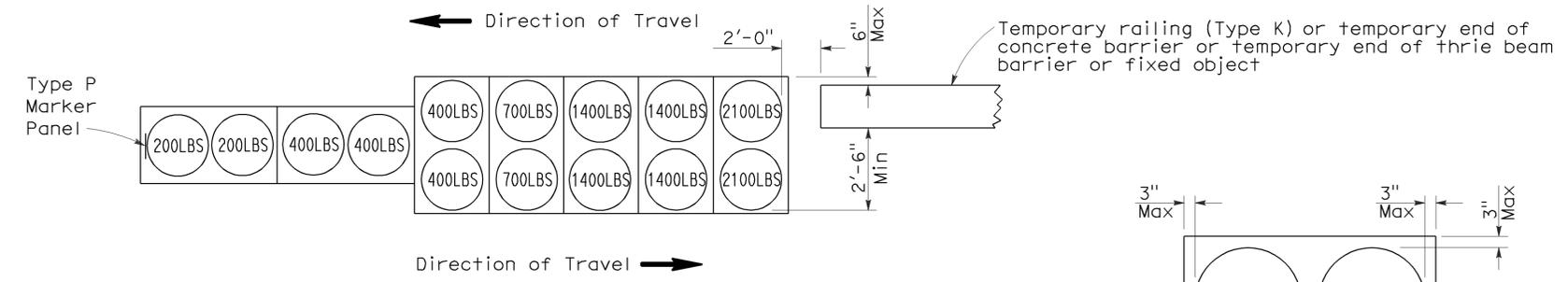
REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

To accompany plans dated 7-30-12



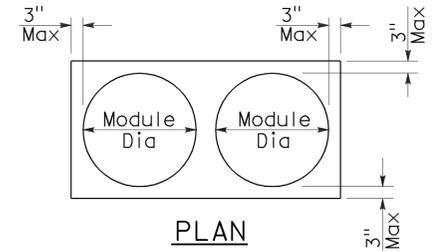
ARRAY 'TB11'

Approach speed less than 45 mph

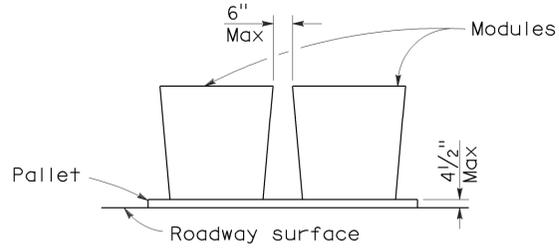


ARRAY 'TB14'

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

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Ker	5, 155, 178	Var	5	10

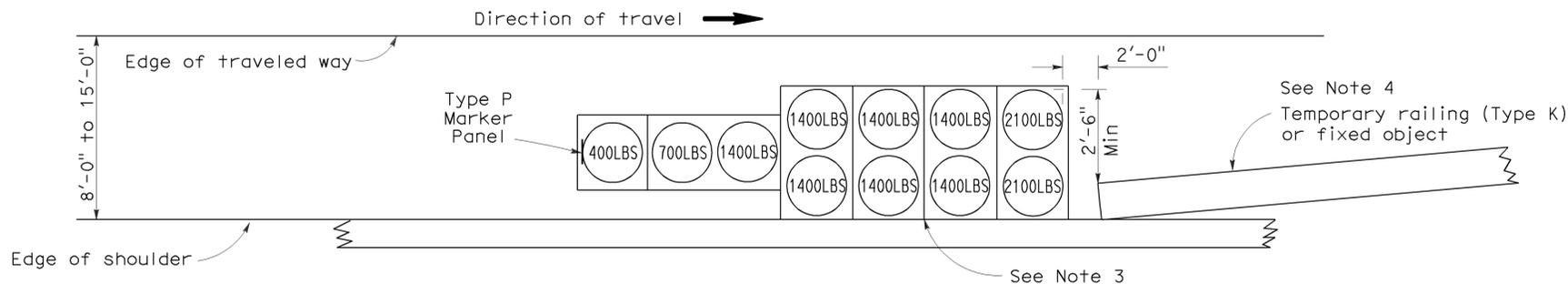
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

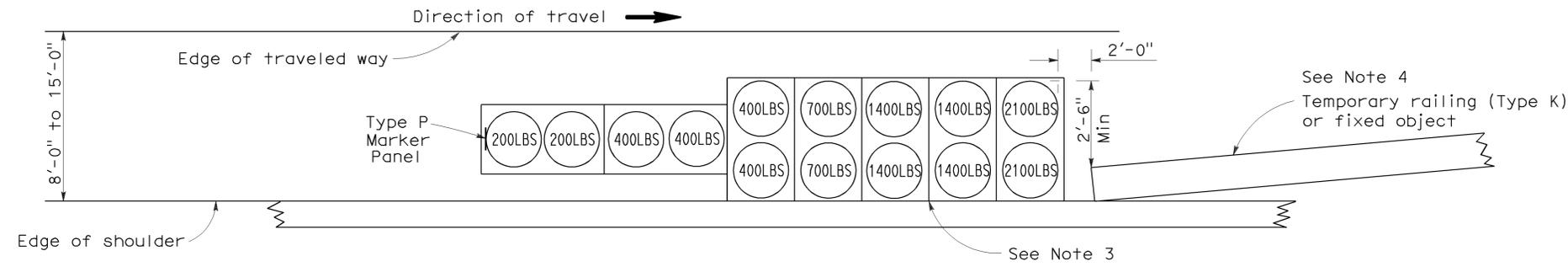
Randell D. Hiatt
REGISTERED PROFESSIONAL ENGINEER
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

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 7-30-12



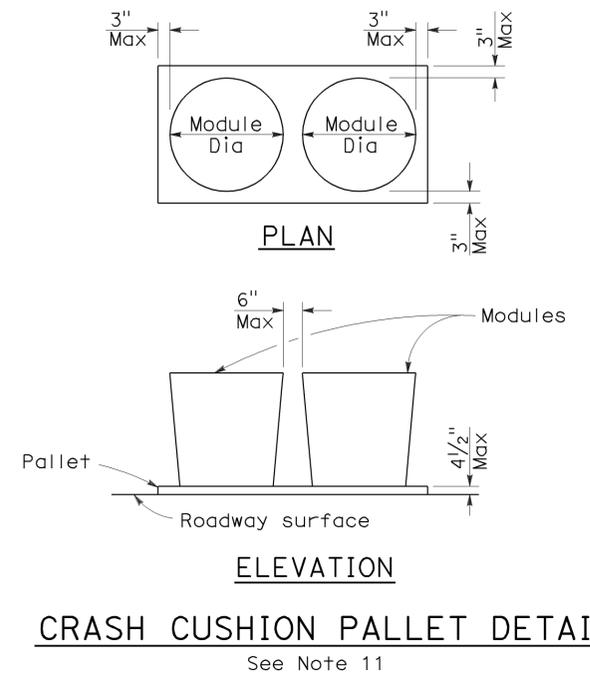
ARRAY 'TS11'
Approach speed less than 45 mph
See Note 9



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

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

Dist	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	5, 155, 178	Var	6	10

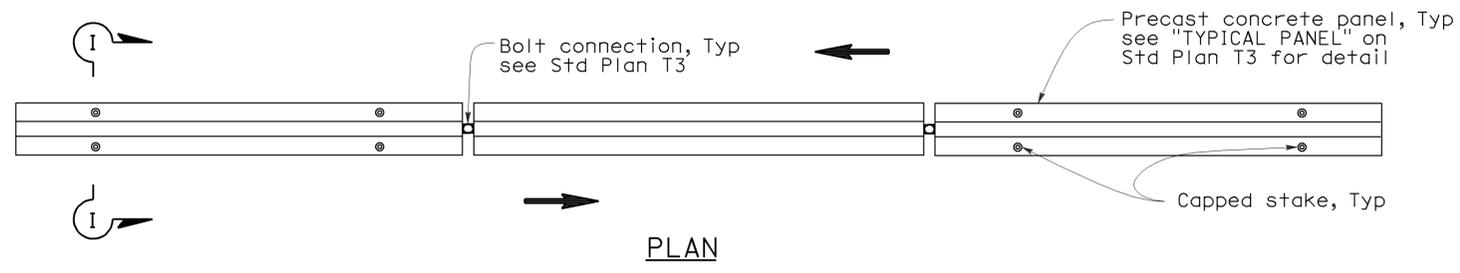
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

May 20, 2011
PLANS APPROVAL DATE

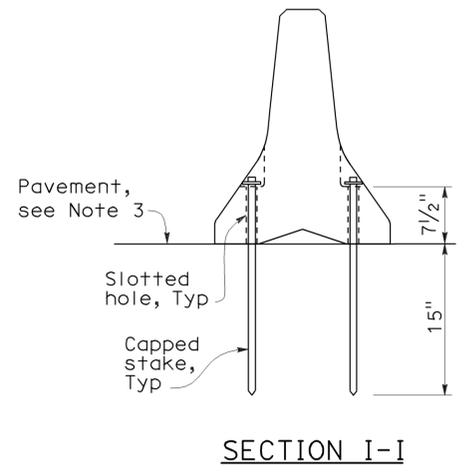
The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

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

To accompany plans dated 7-30-12



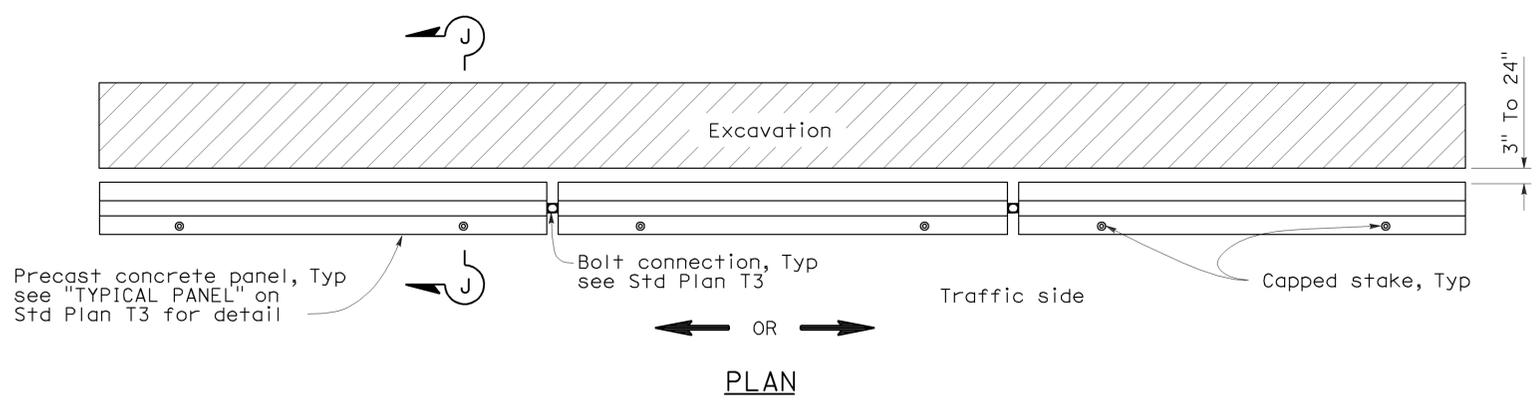
RAILING STAKING CONFIGURATION FOR TWO-WAY TRAFFIC
See Note 1



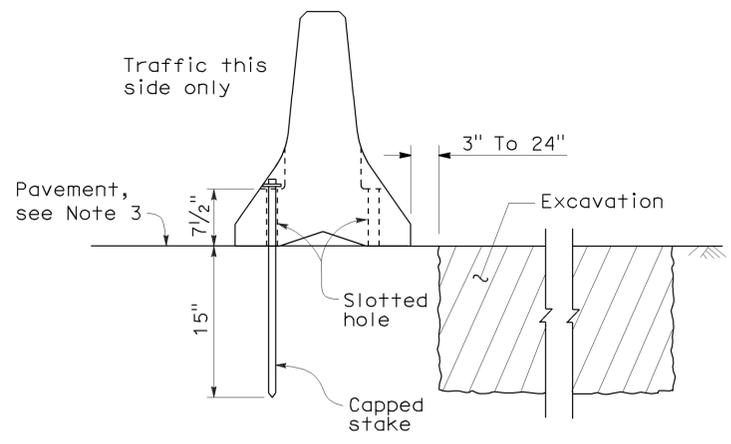
SECTION I-I

NOTES:

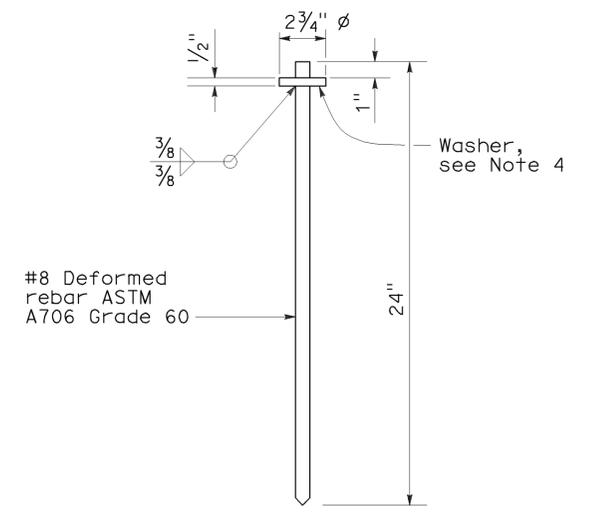
1. Where Type K Temporary Railing is placed as a temporary or long term barrier in two-way traffic on highways with less than 24" from the edge of traveled way, use four capped stakes per every other panel with end panels staked.
2. Where Type K Temporary Railing is placed 3" to 24" from the edge of 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 \Rightarrow .



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

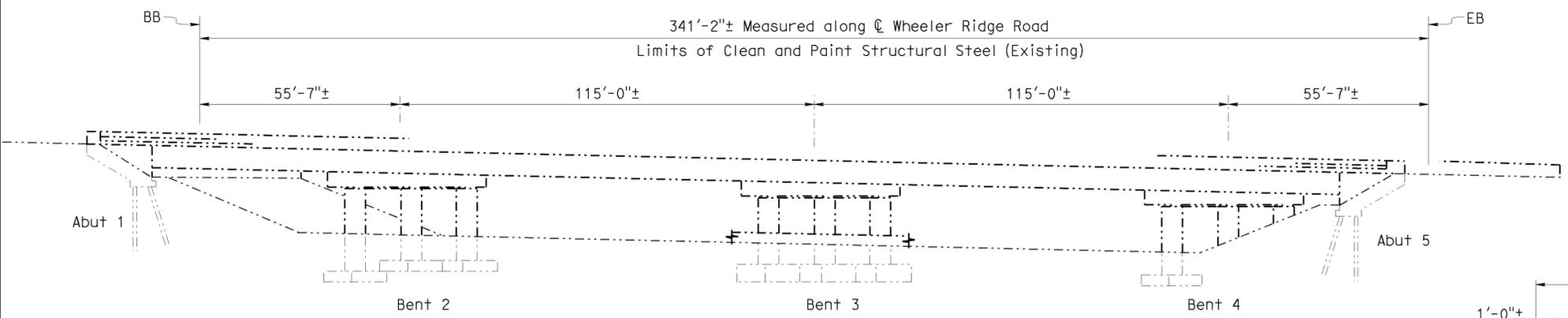
2006 NEW STANDARD PLAN NSP T3A

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	5,155,178	Var	7	10

REGISTERED CIVIL ENGINEER **ARLENE FRANK** DATE 9-12-11
 No. C 55562
 Exp. 12-31-12
 CIVIL
 STATE OF CALIFORNIA

PLANS APPROVAL DATE 7-30-12
 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.

NOTE: (APPLY TO ALL SHEETS)
 ----- Indicates existing.

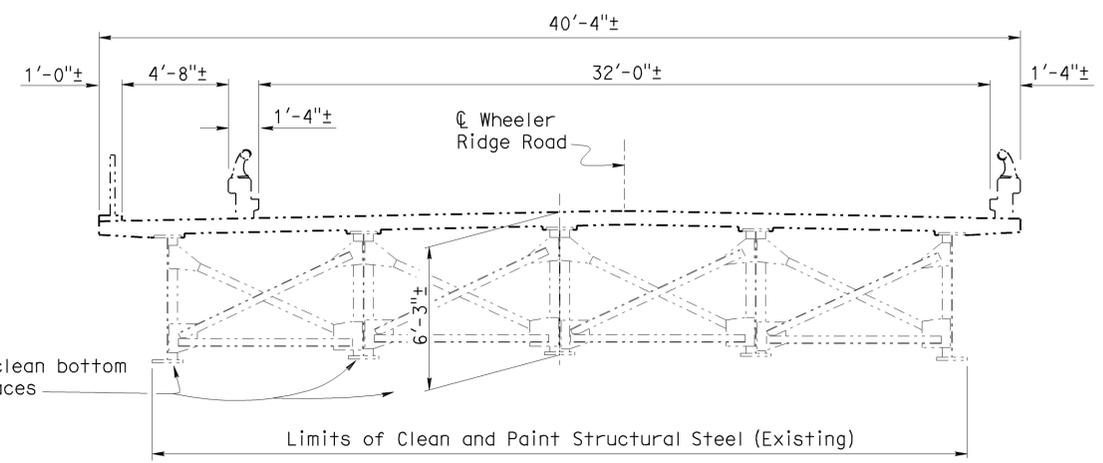


ELEVATION
 1" = 20'

WHEELER RIDGE ROAD OVERCROSSING BR NO 50-0218

QUANTITIES

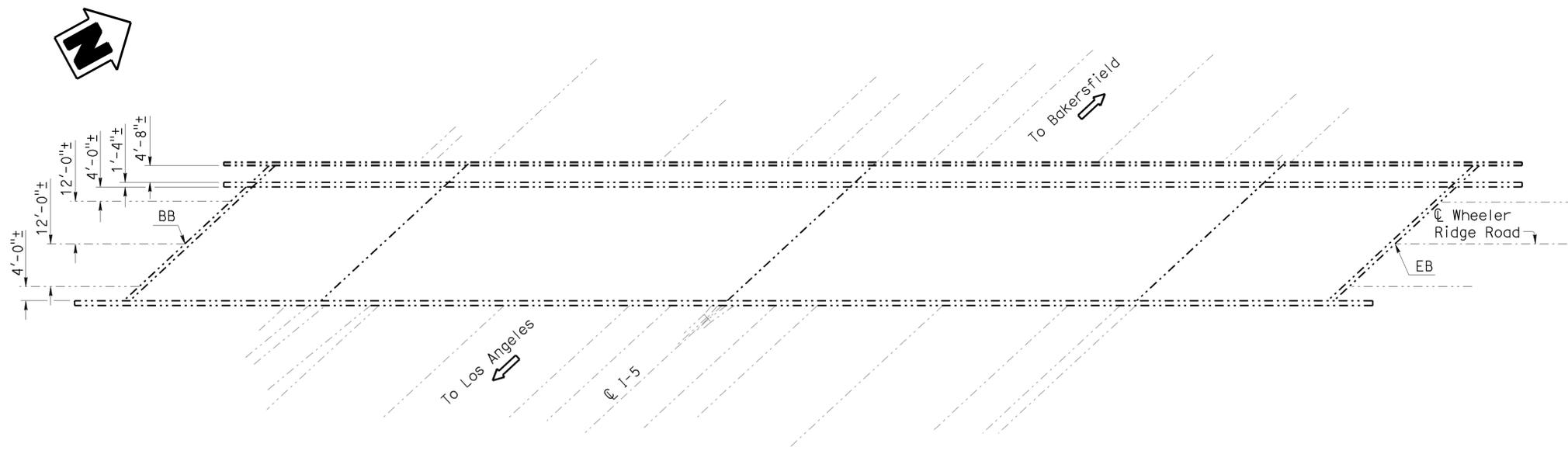
CLEAN STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP SUM
PAINT STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP SUM
SPOT BLAST CLEAN AND PAINT UNDERCOAT	3,250 SQFT
WORK AREA MONITORING	LUMP SUM



TYPICAL SECTION
 1/4" = 1'-0"

NOTES: (APPLY TO THIS SHEET ONLY)

- ① Spot blast clean and paint undercoat areas with rust, pitting and as determined by the Engineer.



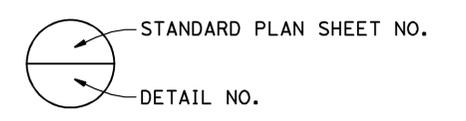
PLAN
 1" = 20'

INDEX TO PLANS

SHEET NO.	TITLE
1	GENERAL PLAN NO. 1
2	GENERAL PLAN NO. 2
3	GENERAL PLAN NO. 3
4	JOINT SEAL DETAILS

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")



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

WHEELER RIDGE ROAD OVERCROSSING

Br. No. 50-0218, ROUTE 5, Ker, PM 13.52

DESIGN ENGINEER 9-12-11

DESIGN	BY A. Frank	CHECKED Don Acoba	LAYOUT	BY Dale Kubochi	CHECKED A. Frank
DETAILS	BY Dale Kubochi	CHECKED Don Acoba	SPECIFICATIONS	BY Jarvis Mahe	PLANS AND SPECS COMPARED Jarvis Mahe
QUANTITIES	BY A. Frank	CHECKED Don Acoba			

STATE OF CALIFORNIA
 DEPARTMENT OF TRANSPORTATION

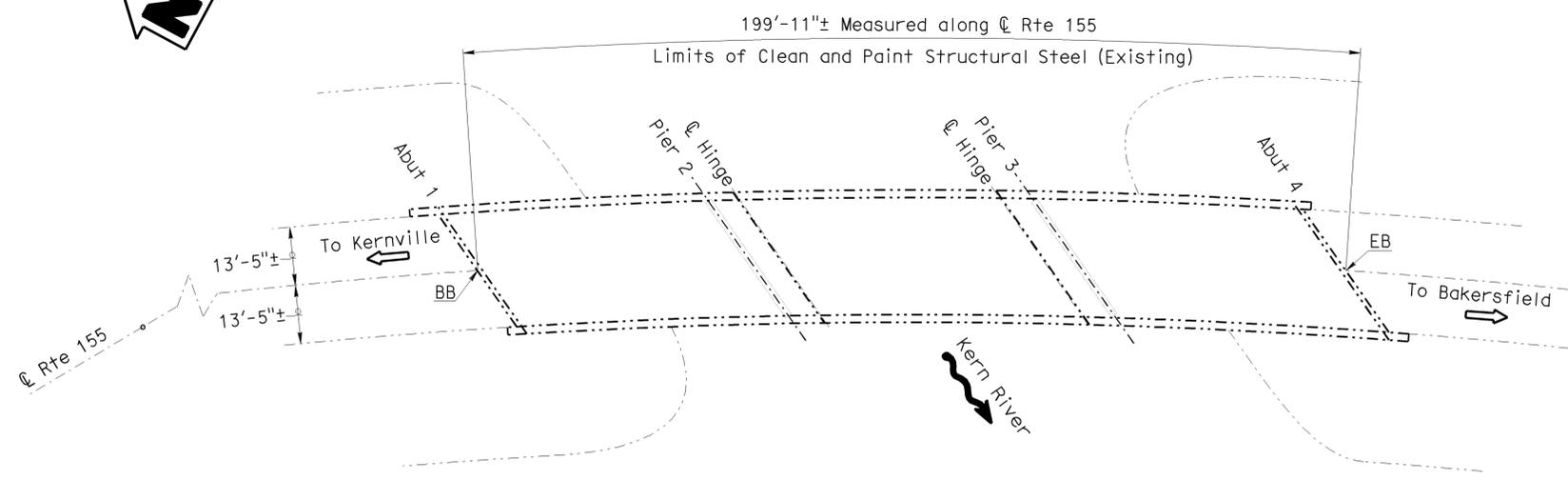
DIVISION OF MAINTENANCE
 STRUCTURE MAINTENANCE DESIGN

BRIDGE NO.	VARIOUS
POST MILE	VARIES

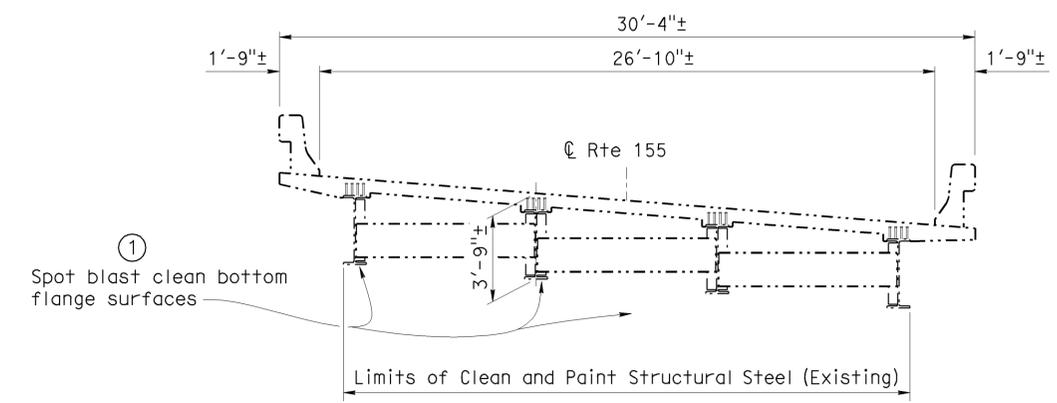
ROUTE 5, 155, 178 BRIDGES
GENERAL PLAN NO. 1

USERNAME => s124428 DATE PLOTTED => 06-AUG-2012 TIME PLOTTED => 10:42

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	5,155,178	Var	8	10
<i>Arlene Frank</i> REGISTERED CIVIL ENGINEER			9-12-11	DATE	
7-30-12			PLANS APPROVAL DATE		
REGISTERED PROFESSIONAL ENGINEER ARLENE FRANK No. C 55562 Exp. 12-31-12 CIVIL STATE OF CALIFORNIA					
<small>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.</small>					



PLAN
1" = 20'



TYPICAL SECTION
1/4" = 1'-0"

NOTES: (APPLY TO THIS SHEET ONLY)

- ① Spot blast clean and paint undercoat areas with rust, pitting and as determined by the Engineer.

KERN RIVER	BR NO 50-0148
QUANTITIES	
CLEAN STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP SUM
PAINT STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP SUM
SPOT BLAST CLEAN AND PAINT UNDERCOAT	1,150 SQFT
WORK AREA MONITORING	LUMP SUM

KERN RIVER
Br. No. 50-0148, ROUTE 155, Ker, PM 70.08

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

 DESIGN ENGINEER	DESIGN	BY A. Frank	CHECKED Don Acoba	LAYOUT BY Dale Kubochi SPECIFICATIONS BY Jarvis Mahe	CHECKED A. Frank
	DETAILS	BY Dale Kubochi	CHECKED Don Acoba		PLANS AND SPECS COMPARED Jarvis Mahe
	QUANTITIES	BY A. Frank	CHECKED Don Acoba		

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO.	VARIOUS
POST MILE	VARIES

ROUTE 5, 155, 178 BRIDGES
GENERAL PLAN NO. 2

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

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

UNIT: X
PROJECT NUMBER & PHASE: 0600020115

CONTRACT NO.: 06-0M2201

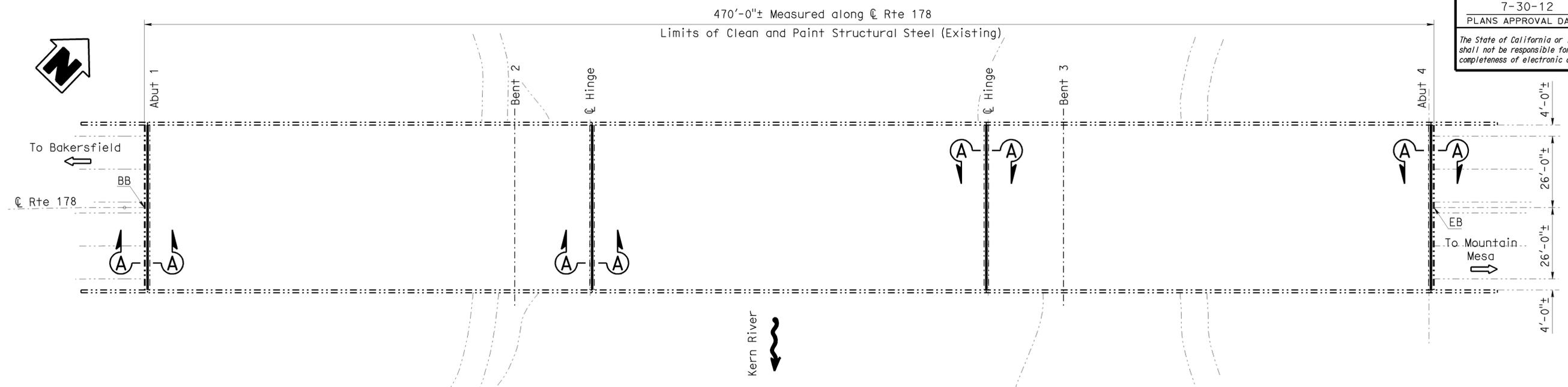
DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES	SHEET	OF
2-28-11 12-11 10-11 10-14-11	2	4

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	5,155,178	Var	9	10

Arlene Frank 9-12-11
 REGISTERED CIVIL ENGINEER DATE
 7-30-12
 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.

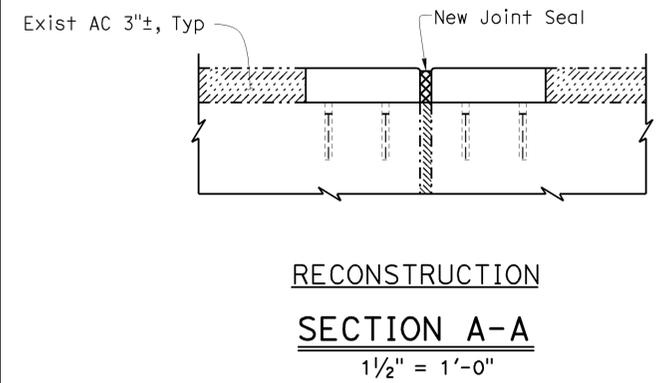
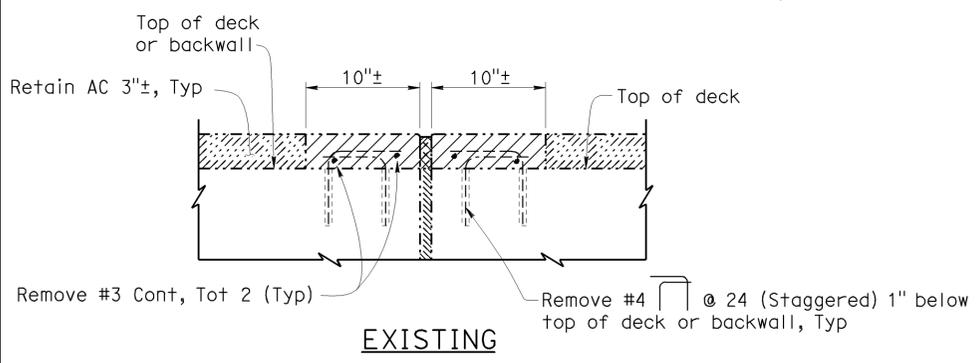
REGISTERED PROFESSIONAL ENGINEER
 ARLENE FRANK
 No. C 55562
 Exp. 12-31-12
 CIVIL
 STATE OF CALIFORNIA



PLAN
1" = 20'

KERN RIVER BR NO 50-0279

- NOTES: (APPLY TO THIS SHEET ONLY)
- Indicates location of existing joint seal removal and placement of new joint seal.
 - Indicates location of existing concrete expansion dam removal and placement of new polyester concrete expansion dam.
 - Spot blast clean and paint undercoat areas with rust, pitting and as determined by the Engineer.

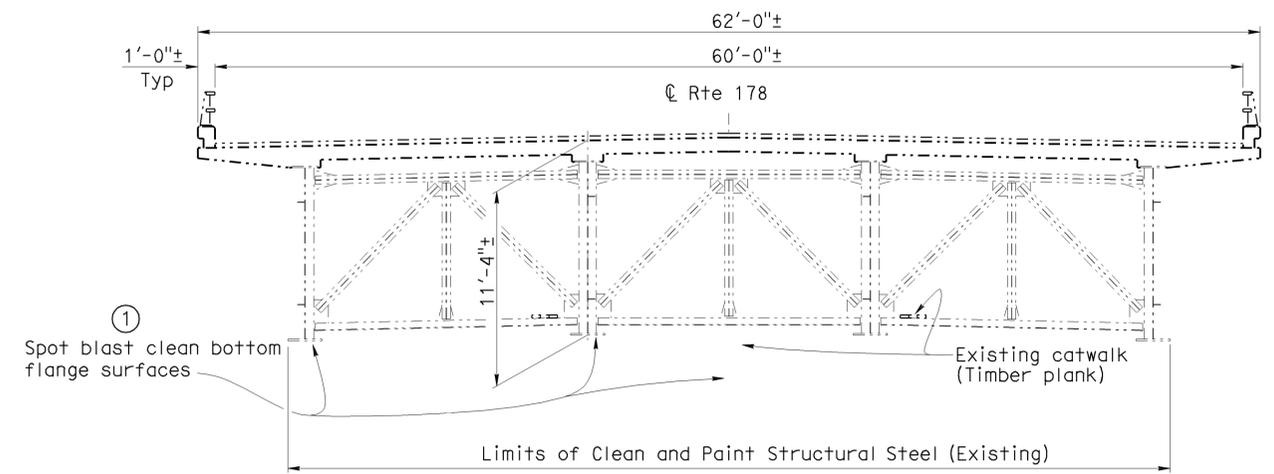


TEMPORARY DECK PLATE		
MOMENT DEMAND/FOOT ($\frac{\text{kip-ft}}{\text{ft}}$)	BOLT SHEAR/FOOT ($\frac{\text{kip}}{\text{ft}}$)	BOLT TENSION (kip)
16	9	10

- NOTES:
- Plate deflection shall not exceed $s/300$. (s = span [FT])
 - Minimum plate thickness shall be equal or greater than $\frac{7}{8}$ ".
 - Maximum anchorage spacing shall not exceed 12".
 - Anchorage washer shall be neoprene or similar.

QUANTITIES

CLEAN EXPANSION JOINT	242	LF
POLYESTER CONCRETE EXPANSION DAM	100	CF
JOINT SEAL (MR 1")	122	LF
JOINT SEAL (MR 1 1/2")	122	LF
CLEAN STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP	SUM
PAINT STRUCTURAL STEEL (EXISTING BRIDGE)	LUMP	SUM
SPOT BLAST CLEAN AND PAINT UNDERCOAT	7,530	SOFT
WORK AREA MONITORING	LUMP	SUM



TYPICAL SECTION
3/8" = 1'-0"

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

KERN RIVER
Br. No. 50-0279, ROUTE 178, Ker, PM R38.84

 DESIGN ENGINEER 9-12-11	DESIGN	BY A. Frank	CHECKED Don Acoba	LAYOUT	BY Dale Kubochi	CHECKED A. Frank	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF MAINTENANCE STRUCTURE MAINTENANCE DESIGN	BRIDGE NO.	ROUTE 5, 155, 178 BRIDGES GENERAL PLAN NO. 3
	DETAILS	BY Dale Kubochi	CHECKED Don Acoba	SPECIFICATIONS	BY Jarvis Mahe	PLANS AND SPECS COMPARED Jarvis Mahe			VARIOUS	
	QUANTITIES	BY A. Frank	CHECKED Don Acoba	PROJECT NUMBER & PHASE: 0600020115	CONTRACT NO.: 06-0M2201	VARIES			DISREGARD PRINTS BEARING EARLIER REVISION DATES	

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

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS

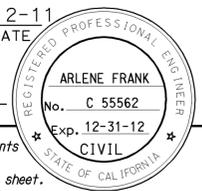
UNIT: X

REVISION DATES

SHEET 3 OF 4

FILE => 06-0m2201-a-gp03.dgn

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
06	Ker	5,155,178	Var	10	10
			9-12-11		
			DATE		
			7-30-12		
			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.					



JOINT SEAL TABLE

BRIDGE NAME	BRIDGE NUMBER	LOCATION		MINIMUM "MR" (INCHES)	APPROXIMATE LENGTH (FEET)	EXISTING WATERSTOP	APPROX DEPTH TO CLEAN EXP JOINT (INCHES)
KERN RIVER	50-0279	Abut 1	BW	1"	61.0	YES	7.0
		Hinge near Bent 2	H	1 1/2"	61.0	YES	7.0
		Hinge near Bent 3	H	1 1/2"	61.0	YES	7.0
		Abut 4	BW	1"	61.0	YES	7.0

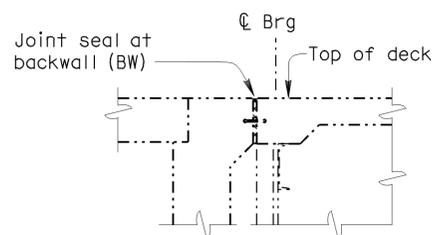
Note: All joint seals shall be Type B.

LEGEND:

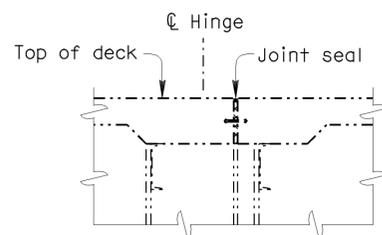
BW - Abutment backwall joint
H - Hinge joint

The following notes apply to JOINT SEAL TYPE B:

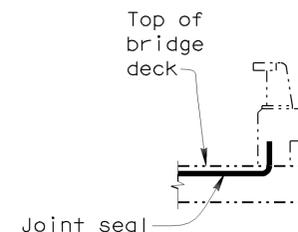
- 1) Seal must satisfy both minimum Movement Rating (MR) and minimum W1 requirements.
- 2) Minimum W1 is the calculated maximum width of the joint based on field measurements. After the joints have been cleaned, minimum W1 is to be calculated by the Engineer.
- 3) W1 shall be the smaller of the values 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



ABUTMENT WITH BACKWALL



HINGE



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.

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

DESIGN	BY A. Frank	CHECKED Don Acoba
DETAILS	BY Dale Kubochi	CHECKED Don Acoba
QUANTITIES	BY A. Frank	CHECKED Don Acoba

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF MAINTENANCE
STRUCTURE MAINTENANCE DESIGN

BRIDGE NO.	VARIOUS
POST MILE	VARIES

ROUTE 5, 155, 178 BRIDGES

JOINT SEAL DETAILS



REVISION DATES	SHEET	OF
2-28-11 10-4-11	4	4