

INDEX OF PLANS

| SHEET No. | DESCRIPTION |
|-----------|-------------------------|
| 1 | TITLE AND LOCATION MAP |
| 2-3 | TYPICAL CROSS SECTIONS |
| 4-5 | CONSTRUCTION DETAILS |
| 6 | CONSTRUCTION AREA SIGNS |
| 7 | SUMMARY OF QUANTITIES |
| 8-11 | REVISED STANDARD PLANS |

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

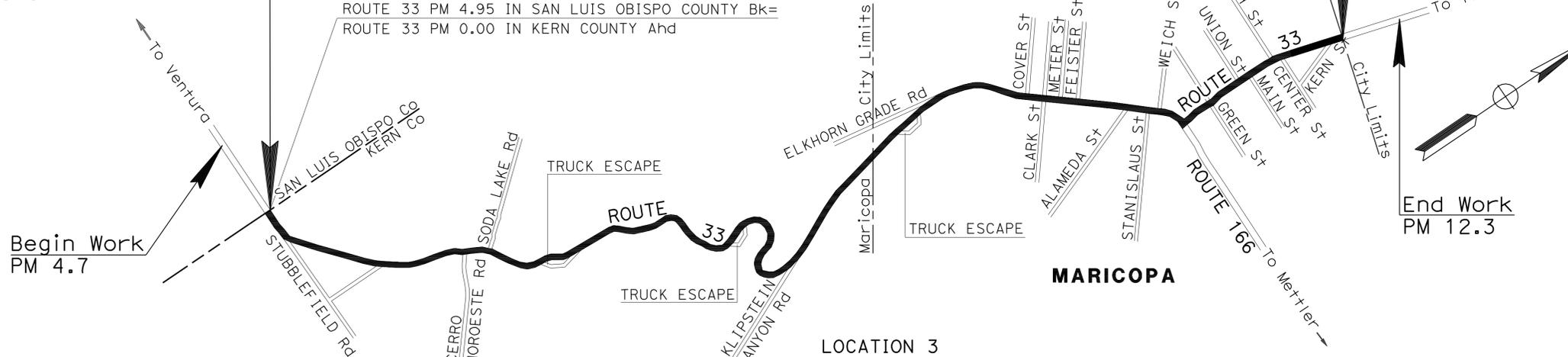
STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

PROJECT PLANS FOR CONSTRUCTION ON
STATE HIGHWAY
IN KERN COUNTY
NEAR BUTTONWILLOW ON ROUTE 5 FROM 0.7 MILE SOUTH OF
MILLUX ROAD UNDERCROSSING TO BUENA VISTA CANAL ROAD
OVERCROSSING AND FROM STATION ROAD OVERCROSSING TO
ROUTE 5/58 SEPARATION AND ON ROUTE 33 IN AND NEAR MARICOPA
FROM THE SAN LUIS OBISPO COUNTY LINE TO KERN STREET

TO BE SUPPLEMENTED BY STANDARD PLANS DATED MAY 2006

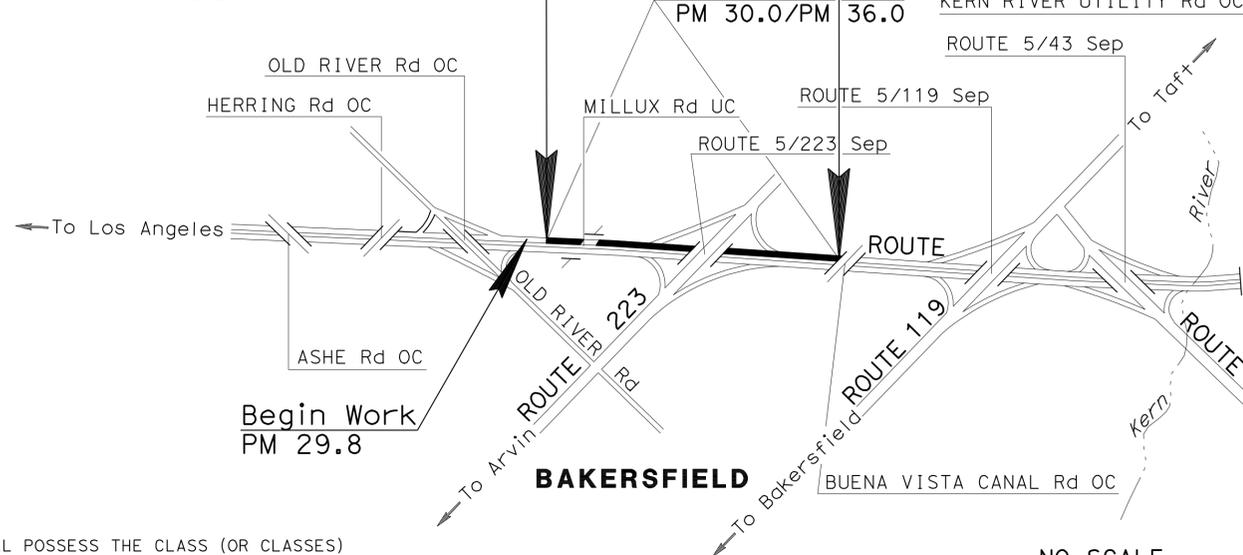
| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|------|--------|-------|----------------------------------|-----------|--------------|
| 06 | Ker | 5,33 | 30.0/36.0, 45.1/52.0 0.0/12.1 | 1 | 11 |

BEGIN CONSTRUCTION
PM 0.0



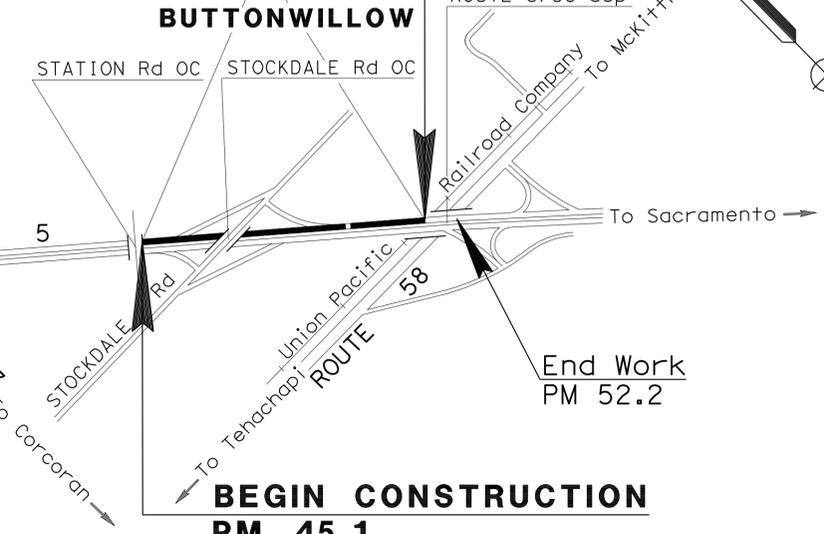
END CONSTRUCTION
PM 12.1

BEGIN CONSTRUCTION
PM 30.0



END CONSTRUCTION
PM 36.0

END CONSTRUCTION
PM 45.1/PM 52.0



END CONSTRUCTION
PM 52.0

BEGIN CONSTRUCTION
PM 45.1

PROJECT MANAGER
VICTOR SHAW
DESIGN ENGINEER
RENE SANCHEZ

Lin Zhi Zhan 12-20-11
PROJECT ENGINEER DATE
REGISTERED CIVIL ENGINEER
February 27, 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. **06-0N8104**
PROJECT ID **0600020674**

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

| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|------|--------|-------|----------------------------------|-----------|--------------|
| 06 | Ker | 5,33 | 30.0/36.0, 45.1/52.0 0.0/12.1 | 2 | 11 |

12-20-11
 REGISTERED CIVIL ENGINEER DATE
 2-27-12
 PLANS APPROVAL DATE

ZHI ZHAN LIN
 No. 60881
 Exp. 12-31-12
 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:

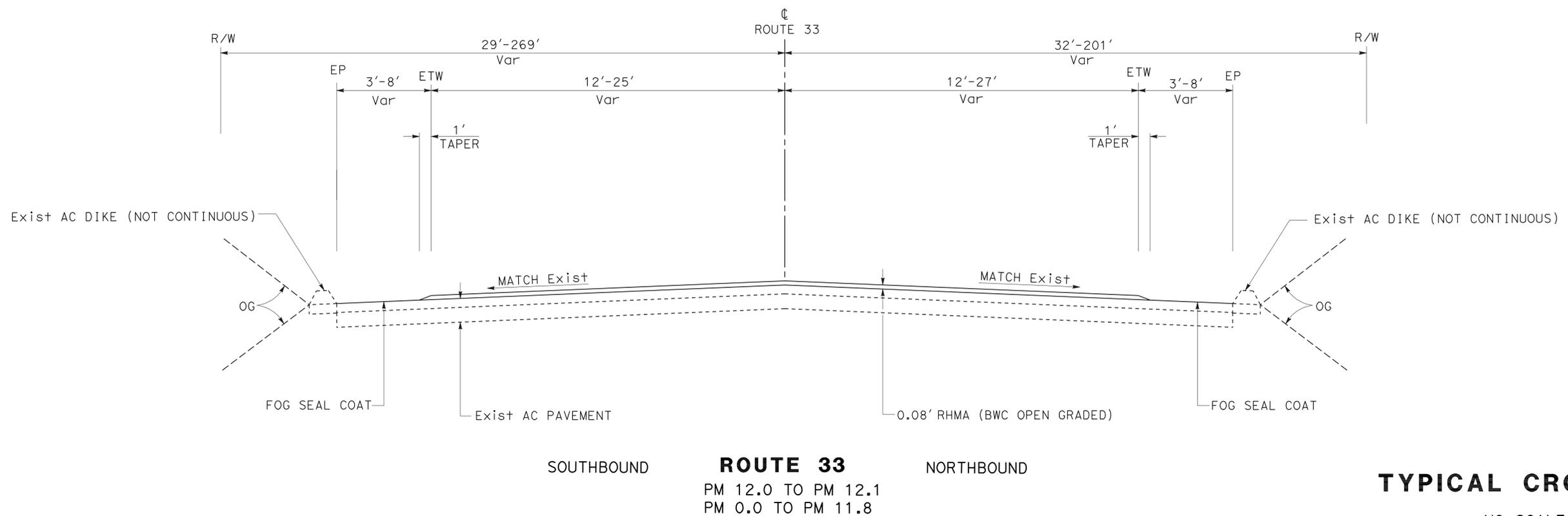
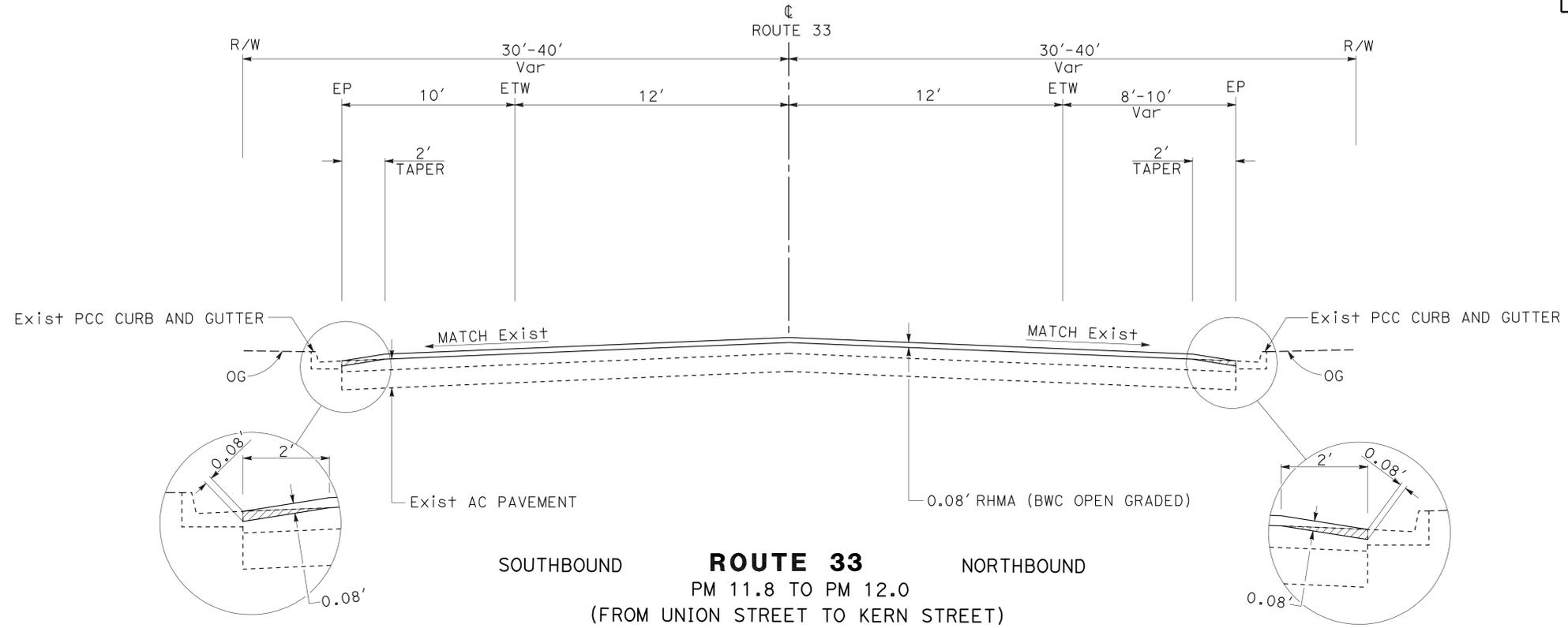
- DIMENSIONS OF THE PAVEMENT STRUCTURES (STRUCTURAL SECTION) ARE SUBJECT TO TOLERANCES SPECIFIED IN THE STANDARD SPECIFICATIONS.
- FOR ACCURATE RIGHT OF WAY DATA, CONTACT RIGHT OF WAY ENGINEERING AT THE DISTRICT OFFICE.

LEGEND:

 COLD PLAN AC PAVEMENT Var 0.00'-0.08'

ABBREVIATION:

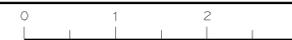
BWC BONDED WEARING COURSE
 RHMA RUBBERIZED HOT MIX ASPHALT



TYPICAL CROSS SECTION

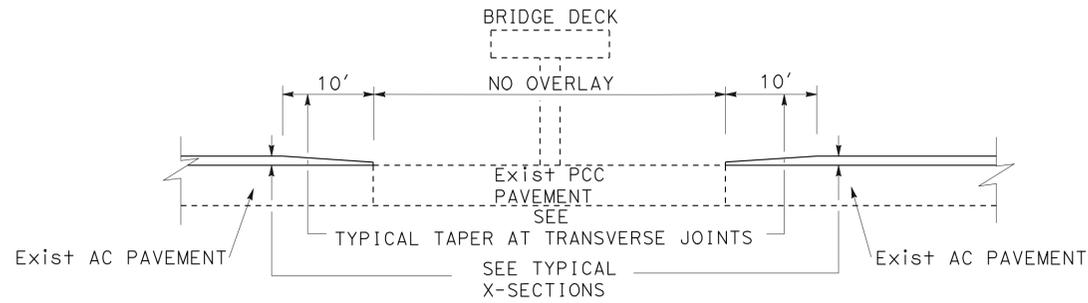
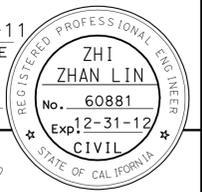
NO SCALE

X-1

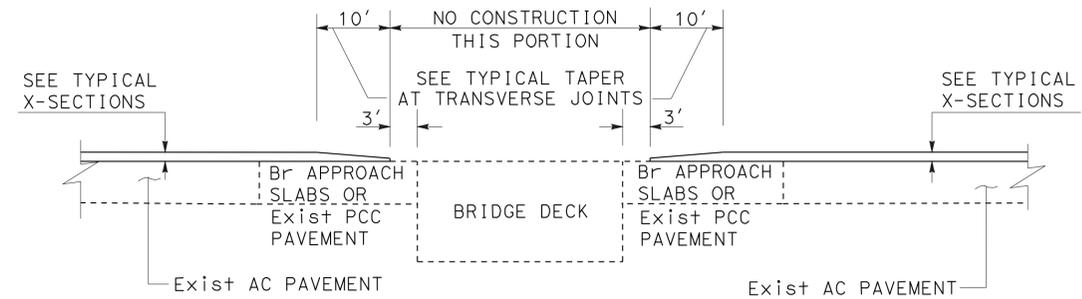


| | |
|--|--------------|
| STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION | RENE SANCHEZ |
| PAVEMENT PRESERVATION | |
| FUNCTIONAL SUPERVISOR | RENE SANCHEZ |
| CALCULATED/DESIGNED BY | CHECKED BY |
| ZHI ZHAN LIN | RENE SANCHEZ |
| REVISOR | DATE |
| REVISOR | DATE |

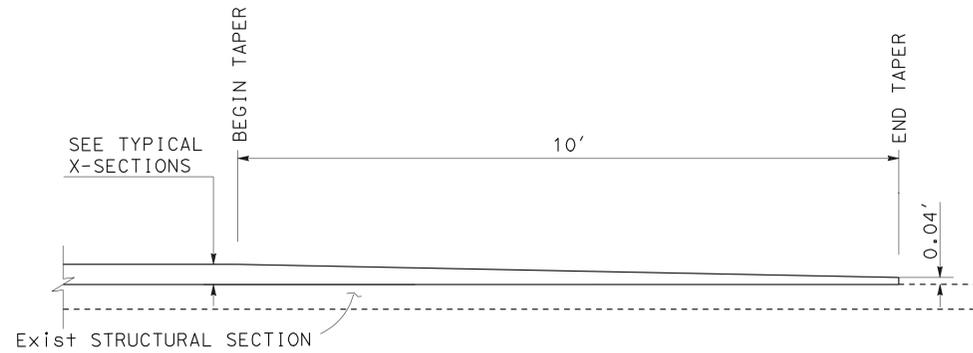
| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|---|--------|-------|----------------------------------|--------------------------------|--------------|
| 06 | Ker | 5,33 | 30.0/36.0, 45.1/52.0 0.0/12.1 | 4 | 11 |
| Zhi Zhan Lin | | | 12-20-11 | REGISTERED CIVIL ENGINEER DATE | |
| 2-27-12 | | | 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. | | | | | |



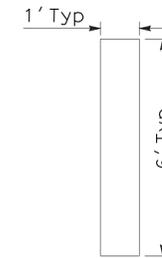
TYPICAL BRIDGE APPROACH CONSTRUCTION DETAIL
PM 33.5 (LOCATION 1), PM 47.5 (LOCATION 2)



TYPICAL TRANSITION AT BRIDGE
PM 30.8 (LOCATION 1), PM 48.6 (LOCATION 2)



TYPICAL TAPER AT TRANSVERSE JOINTS
PM 30.0, PM 30.7, PM 30.8, PM 33.4, PM 33.5, PM 36.0 (LOCATION 1)
PM 45.1, PM 47.5, PM 47.6, PM 48.6, PM 48.7, PM 52.0 (LOCATION 2)
PM 0.0, PM 11.5, PM 12.1 (LOCATION 3)



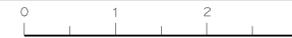
CHP MARKING DETAIL

CONSTRUCTION DETAILS

NO SCALE

C-1

| | | |
|--|-----------------------|--------------|
| STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION | FUNCTIONAL SUPERVISOR | RENE SANCHEZ |
| Caltrans | CHECKED BY | RENE SANCHEZ |
| | DESIGNED BY | ZHI ZHAN LIN |
| | REVISOR | RENE SANCHEZ |
| | DATE | |
| | REVISION | |



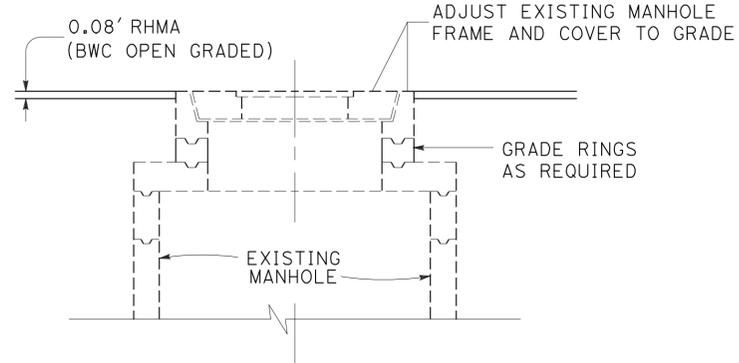
| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
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12-20-11
 REGISTERED CIVIL ENGINEER DATE
 2-27-12
 PLANS APPROVAL DATE
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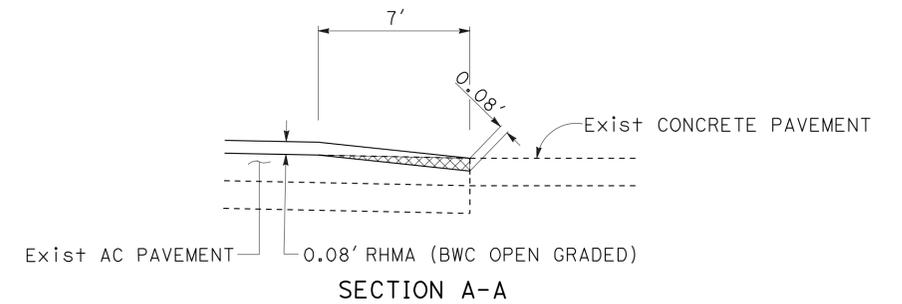
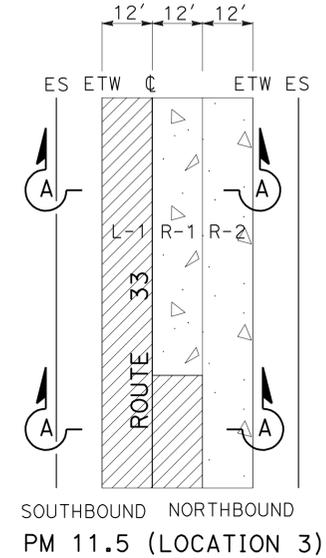
REGISTERED PROFESSIONAL ENGINEER
ZHI ZHAN LIN
 No. 60881
 Exp. 12-31-12
 CIVIL
 STATE OF CALIFORNIA

LEGEND:

- COLD PLANE Exist 0.08' OGAC (LOCATION 1 & 2)
0.08' RHMA (BWC OPEN GRADED) (LOCATION 1 & 2)
0.08' RHMA (BWC OPEN GRADED) (LOCATION 3)
- SEAL COAT MEDIUM TYPE (LOCATION 1 & 2) OR FOG SEAL COAT (LOCATION 3)
- Exist CONCRETE PAVEMENT
- COLD PLANE AC PAVEMENT



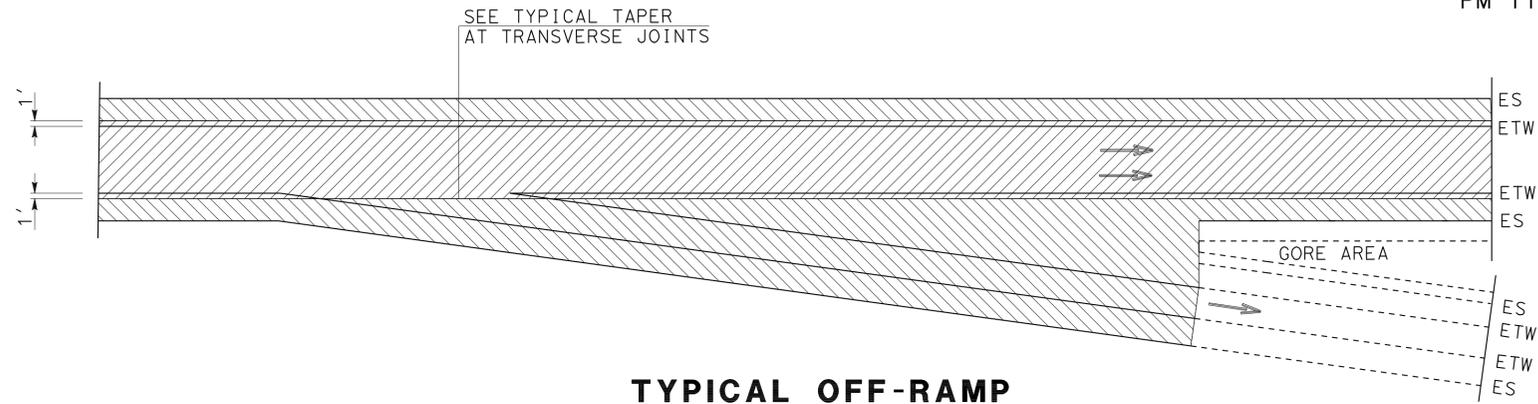
ADJUST MANHOLE FRAME AND COVER TO GRADE
PM 11.9 (LOCATION 3)



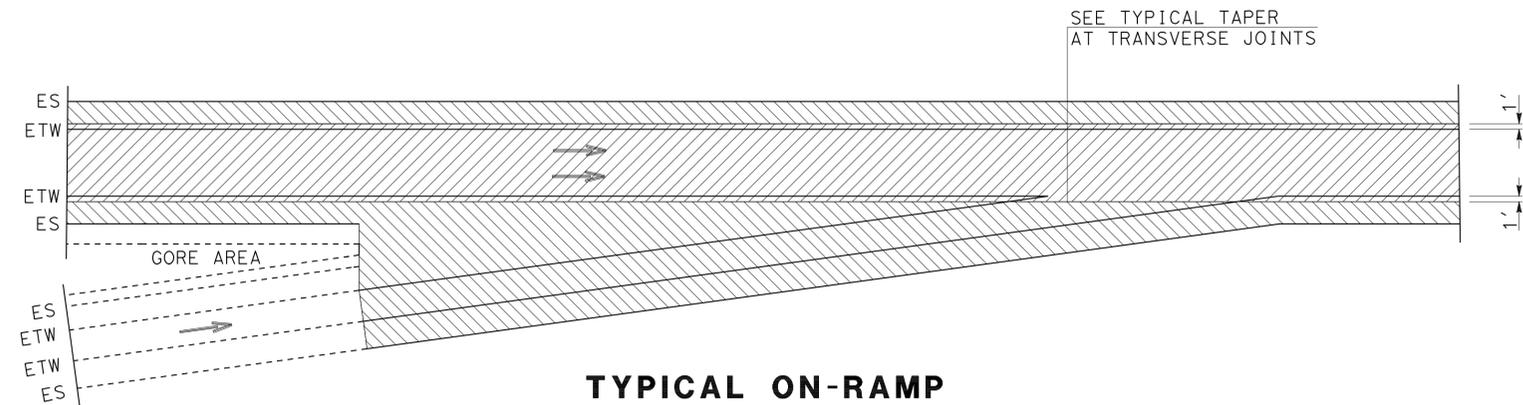
CROSS WALK MARKING
PM 10.96, PM 11.37, PM 11.76, PM 11.80, PM 11.84 (LOCATION 3)

CONSTRUCTION DETAILS
C-2

NO SCALE



TYPICAL OFF-RAMP
PM 33.7 (LOCATION 1), PM 47.7 (LOCATION 2), PM 3.4 (LOCATION 3)



TYPICAL ON-RAMP
PM 33.4 (LOCATION 1), PM 47.4 (LOCATION 2), PM 3.5 (LOCATION 3)

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans
 PAVEMENT PRESERVATION
 FUNCTIONAL SUPERVISOR: RENE SANCHEZ
 CALCULATED/DESIGNED BY: RENE SANCHEZ
 CHECKED BY:
 ZHI ZHAN LIN
 RENE SANCHEZ
 REVISED BY: RENE SANCHEZ
 DATE REVISED:
 USERNAME => s115755
 DGN FILE => 60N810ga002.dgn



UNIT 1594

PROJECT NUMBER & PHASE

06000206741

LAST REVISION: 12-20-11
 DATE PLOTTED => 14-MAR-2012
 TIME PLOTTED => 17:48

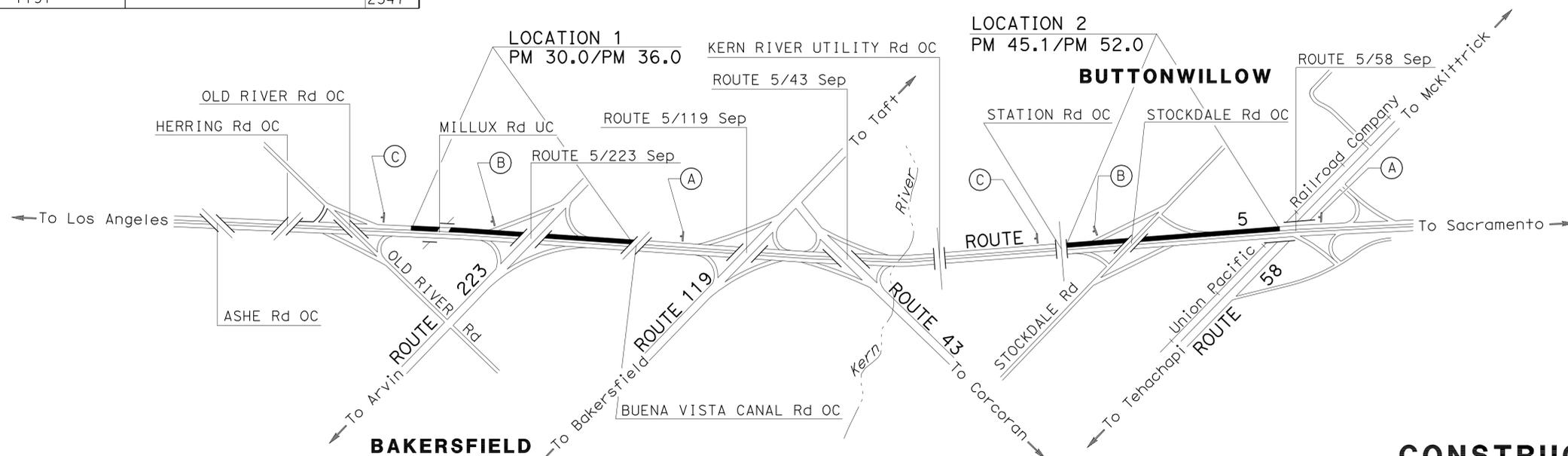
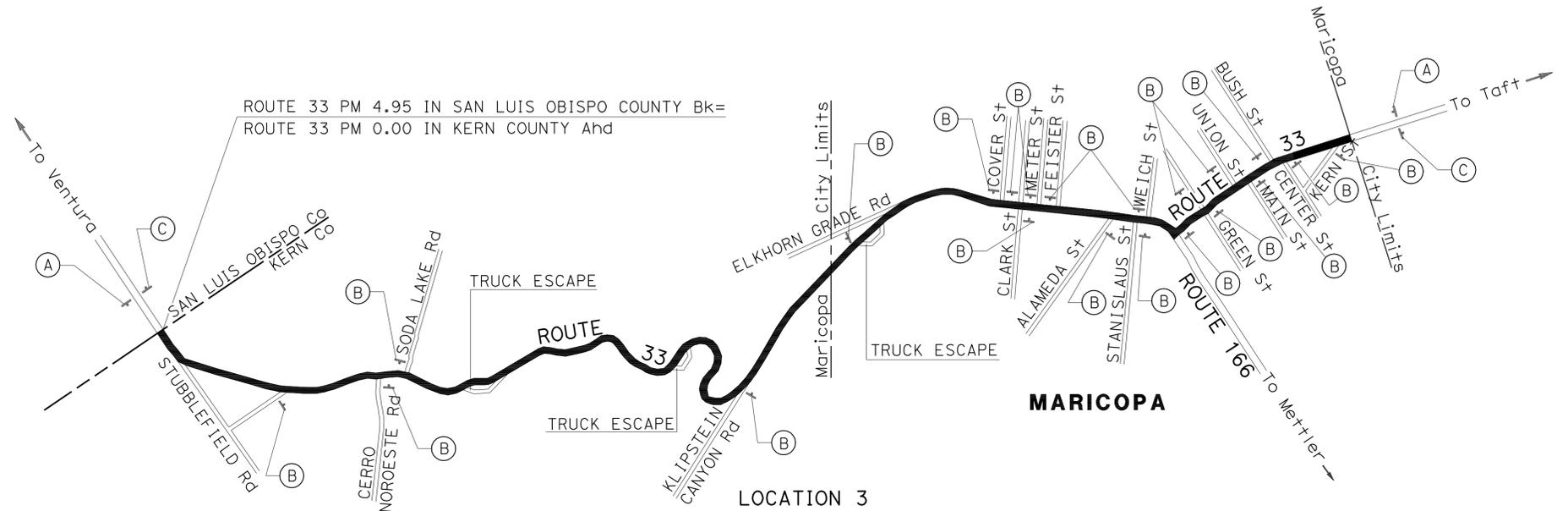
STATIONARY MOUNTED CONSTRUCTION AREA SIGNS

| 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- 6" x 6" | 4 |
| (B) | W20-1 | 36" x 36" | ROAD WORK AHEAD | 1- 4" x 6" | 23 |
| (C) | G20-2 | 36" x 18" | END ROAD WORK | 1- 4" x 4" | 4 |

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

PAVEMENT DELINEATION QUANTITIES

| LOCATION | REMOVE THERMOPLASTIC PAVEMENT MARKING | THERMOPLASTIC PAVEMENT MARKING | |
|--------------------------------------|---------------------------------------|--------------------------------|------|
| | SQFT | DESCRIPTION | SQFT |
| LOCATION 1 KERN 5 PM 30.0/36.0 | 36 | 6-CHP MARKING (1.0' x 6.0') | 36 |
| | | | |
| LOCATION 2 KERN 5 PM 45.1/52.0 | 36 | 6-CHP MARKING (1.0' x 6.0') | 36 |
| | | | |
| LOCATION 3 KERN 33 PM 0.0/12.1 | 504 | 12-TYPE VI ARROW | 504 |
| | 60 | 4-TYPE IV (L) ARROW | 60 |
| | 84 | 2-TYPE III (L) ARROW | 84 |
| | 316 | 4-XING SCHOOL SLOW | 316 |
| | 106 | 2-STOP AHEAD | 106 |
| | 66 | 3-STOP | 66 |
| | 39 | 1-PED XING | 39 |
| | | CROSSWALK | 1300 |
| SUBTOTAL | 1791 | | 2547 |
| TOTAL | 1791 | | 2547 |



| | | | | | |
|------|--------|-------|----------------------------------|-----------|--------------|
| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 06 | Ker | 5,33 | 30.0/36.0, 45.1/52.0 0.0/12.1 | 6 | 11 |

Zhi Zhan 12-20-11
 REGISTERED CIVIL ENGINEER DATE
 2-27-12
 PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
ZHI ZHAN LIN
 No. 60881
 Exp. 12-31-12
 CIVIL
 STATE OF CALIFORNIA

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STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
PAVEMENT PRESERVATION
 Caltrans®

APPROVED FOR CONSTRUCTION AREA SIGN WORK ONLY

**CONSTRUCTION AREA SIGNS
AND SUMMARY OF QUANTITIES**
 NO SCALE
CS-1

| | | | | | |
|------|--------|-------|----------------------------------|--------------|-----------------|
| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 06 | Ker | 5,33 | 30.0/36.0, 45.1/52.0 0.0/12.1 | 7 | 11 |

Zhi Zhan 12-20-11
REGISTERED CIVIL ENGINEER DATE

2-27-12
PLANS APPROVAL DATE

ZHI ZHAN LIN
No. 60881
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.

ROADWAY QUANTITIES

| LOCATION | ASPHALTIC EMULSION MEMBRANE (BONDED WEARING COURSE) | ASPHALTIC EMULSION (FOG SEAL COAT) | ASPHALTIC EMULSION (POLYMER MODIFIED) | SCREENINGS (MEDIUM) | RUBBERIZED HOT MIX ASPHALT (BONDED WEARING COURSE OPEN GRADED) | COLD PLANE ASPHALT CONCRETE PAVEMENT | ADJUST FRAME AND COVER TO GRADE |
|-----------------------------------|---|------------------------------------|---------------------------------------|---------------------|--|--------------------------------------|---------------------------------|
| | TON | TON | TON | TON | TON | SQYD | EA |
| LOCATION 1 KERN 5 PM 30.0/36.0 | 98 | | 75 | 642 | 4,100 | 88,600 | |
| LOCATION 2 KERN 5 PM 45.1/52.0 | 115 | | 85 | 728 | 4,900 | 104,700 | |
| LOCATION 3 KERN 33 PM 0.0/12.1 | 237 | 31 | | | 10,000 | 700 | 1 |
| TOTAL | 450 | 31 | 160 | 1370 | 19,000 | 194,000 | 1 |

PAVEMENT DELINEATION QUANTITIES

| LOCATION | DETAIL | THERMOPLASTIC TRAFFIC STRIPE | | | | | | | PAVEMENT MARKER (RETROREFLECTIVE) | | | PAVEMENT MARKER (RETROREFLECTIVE-RECESSED) | | | REMOVE THERMOPLASTIC TRAFFIC STRIPE |
|--------------------------------------|--------|------------------------------|----------------|-------------------------|--------------------------|------------------------|------------------------|-------------|-----------------------------------|----------------------|-----------------------|--|----------------------|-----------------------|-------------------------------------|
| | | 4" YELLOW | 4" WHITE | 4" WHITE (BROKEN 36-12) | 4" YELLOW (BROKEN 36-12) | 4" WHITE (BROKEN 12-3) | 4" WHITE (BROKEN 17-7) | 8" WHITE | TYPE D TWO-WAY YELLOW | TYPE G ONE-WAY CLEAR | TYPE H ONE-WAY YELLOW | TYPE D TWO-WAY YELLOW | TYPE G ONE-WAY CLEAR | TYPE H ONE-WAY YELLOW | |
| | | LF | LF | LF | LF | LF | LF | LF | EA | EA | EA | EA | EA | EA | |
| LOCATION 1 KERN 5 PM 30.0/36.0 | 8 | | | | | | 210 | | | | | | | | |
| | 12 | | | 30,400 | | | | | 640 | | | | | | |
| | 25 | 30,400 | | | | | | | | 640 | | | | | |
| | 27B | | 30,400 | | | | | | | | | | | | |
| | 36 | | | | | | 640 | | 30 | | | | | | |
| | 36A | | | | | | 370 | | 17 | | | | | | |
| LOCATION 2 KERN 5 PM 45.1/52.0 | 8 | | | | | | 210 | | | | | | | | |
| | 12 | | | 35,700 | | | | | 750 | | | | | | |
| | 25 | 35,700 | | | | | | | | 750 | | | | | |
| | 27B | | 35,700 | | | | | | | | | | | | |
| | 36 | | | | | | 740 | | 33 | | | | | | |
| | 36A | | | | | | 370 | | 17 | | | | | | |
| LOCATION 3 KERN 33 PM 0.0/12.1 | 6 | | | | 14,730 | | | | 203 | | | 109 | | | 3,685 |
| | 8 | | | | | | 158 | | | | | | | | 46 |
| | 12 | | | 13,412 | | | | | | | | | 284 | | 3,353 |
| | 19 | 17,622 | | | 17,622 | | | | 470 | | 937 | 270 | | 535 | 22,027 |
| | 22 | 50,150 | | | | | | | 1221 | | | 874 | | | 50,150 |
| | 27B | | 123,700 | | | | | | | | | | | | 123,700 |
| | 27C | | | | | 2650 | | | | | | | | | 530 |
| | 29 | 23,020 | | | | | | | 38 | | | 452 | | | 23,020 |
| | 32 | 422 | | | | 422 | | | 30 | | | | | | 530 |
| | 36 | | | | | | | 740 | | 10 | | | 23 | | 1,480 |
| | 36A | | | | | | | 315 | | | | | 16 | | 630 |
| | 38 | | | | | | | 210 | | 13 | | | | | 420 |
| SUBTOTAL | | 157,314 | 189,800 | 79,512 | 32,774 | 2650 | 578 | 3385 | 1962 | 1510 | 2327 | 1705 | 323 | 535 | 229,571 |
| TOTAL | | 347,114 | | 112,286 | | 2650 | 578 | 3385 | | 5799 | | | 2563 | | 229,571 |

SUMMARY OF QUANTITIES

Q-1

NO SCALE

| | | | | | |
|------|--------|-------|----------------------------------|-----------|--------------|
| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
| 06 | Ker | 5,33 | 30.0/36.0, 45.1/52.0 0.0/12.1 | 8 | 11 |

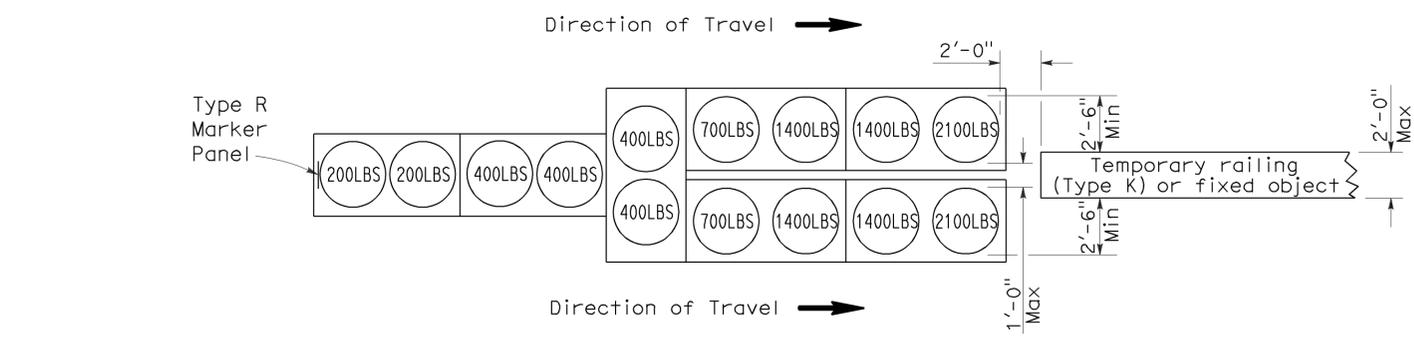
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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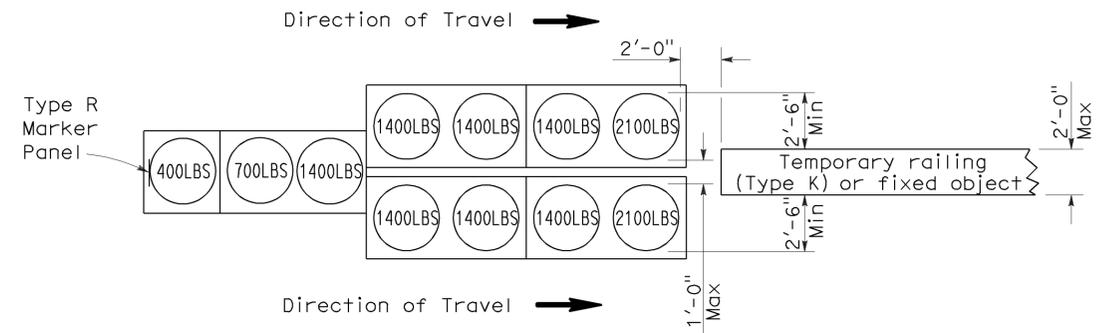
REGISTERED PROFESSIONAL ENGINEER
Randell D. Hiatt
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

To accompany plans dated 2-27-12



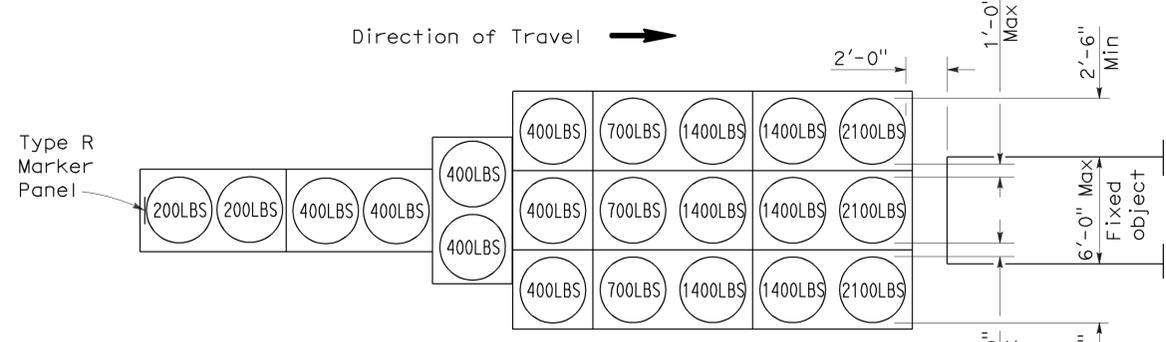
ARRAY 'TU14'

Approach speed 45 mph or more



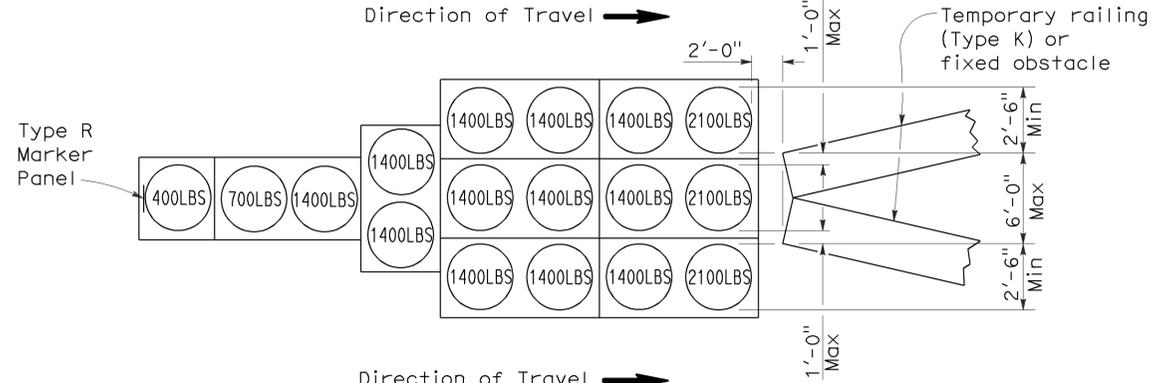
ARRAY 'TU11'

Approach speed less than 45 mph



ARRAY 'TU21'

Approach speed 45 mph or more

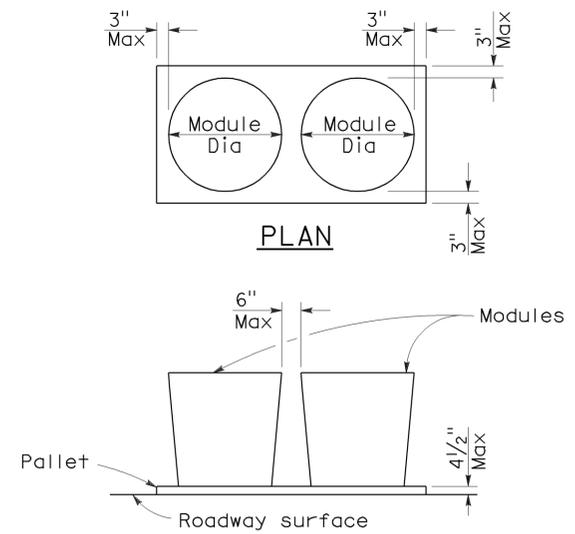


ARRAY 'TU17'

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 | Ker | 5, 33 | 30.0/36.0, 45.1/52.0 0.0/12.1 | 9 | 11 |

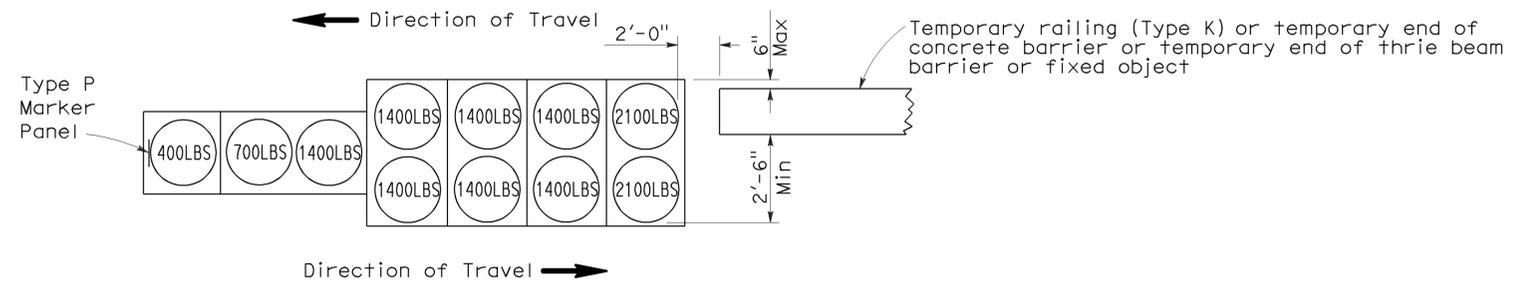
Randell D. Hiatt
REGISTERED CIVIL ENGINEER

June 6, 2008
PLANS APPROVAL DATE

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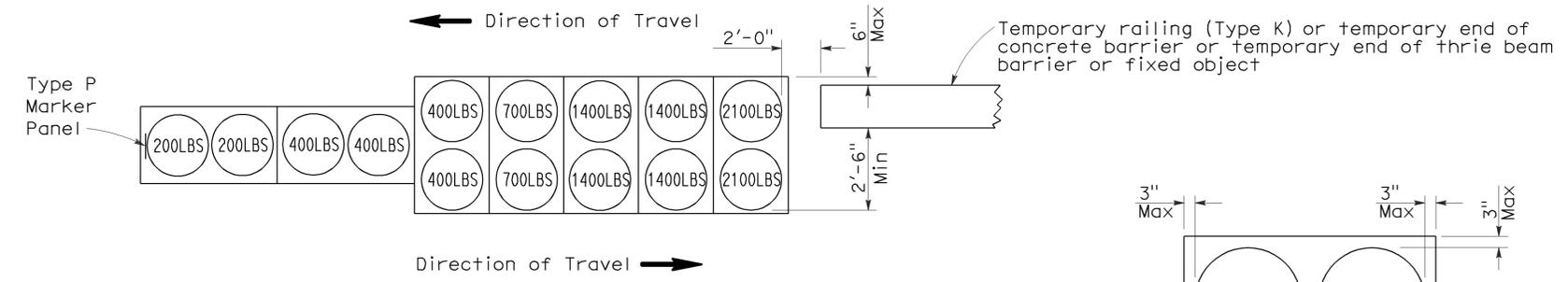
REGISTERED PROFESSIONAL ENGINEER
No. C50200
Exp. 6-30-09
CIVIL
STATE OF CALIFORNIA

To accompany plans dated 2-27-12



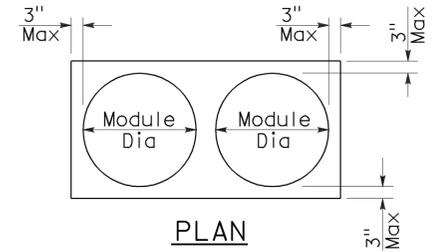
ARRAY 'TB11'

Approach speed less than 45 mph

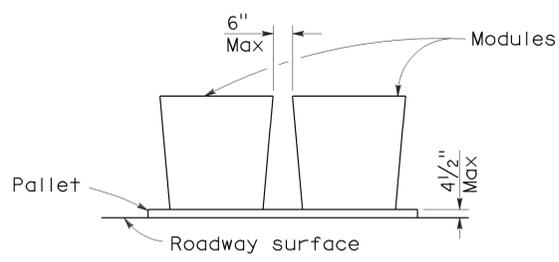


ARRAY 'TB14'

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

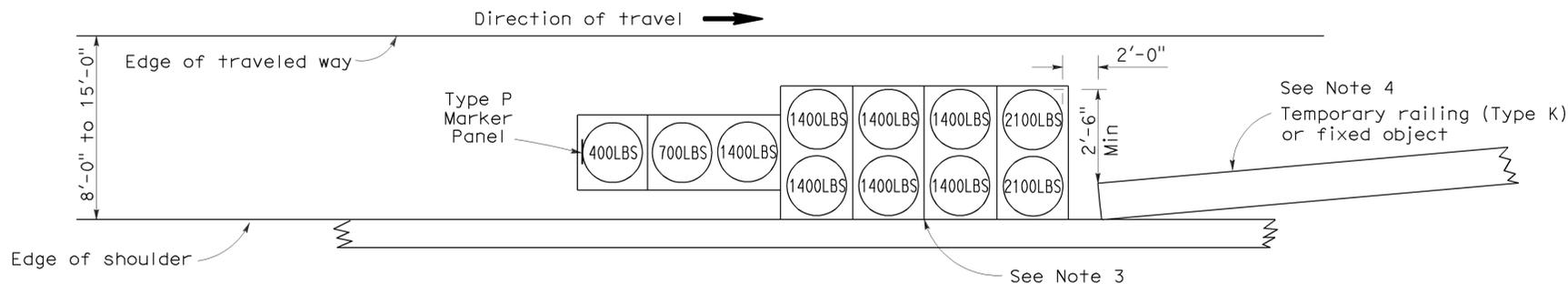
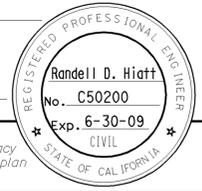
| DIST | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|------|--------|-------|----------------------------------|-----------|--------------|
| 06 | Ker | 5, 33 | 30.0/36.0, 45.1/52.0 0.0/12.1 | 10 | 11 |

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

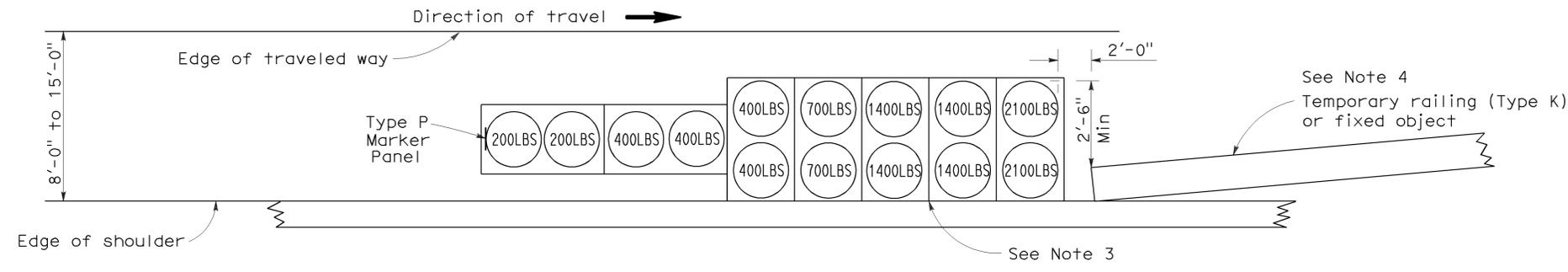
June 6, 2008
PLANS APPROVAL DATE

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.

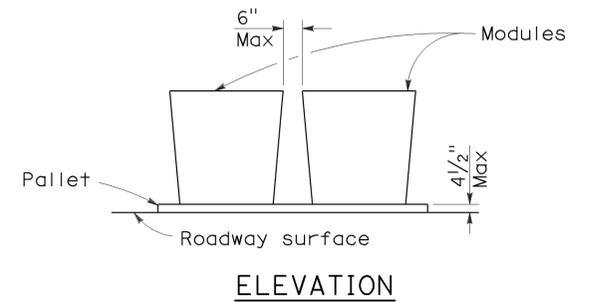
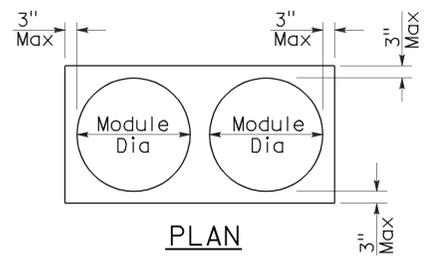
To accompany plans dated 2-27-12



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.

2006 REVISED STANDARD PLAN RSP T2

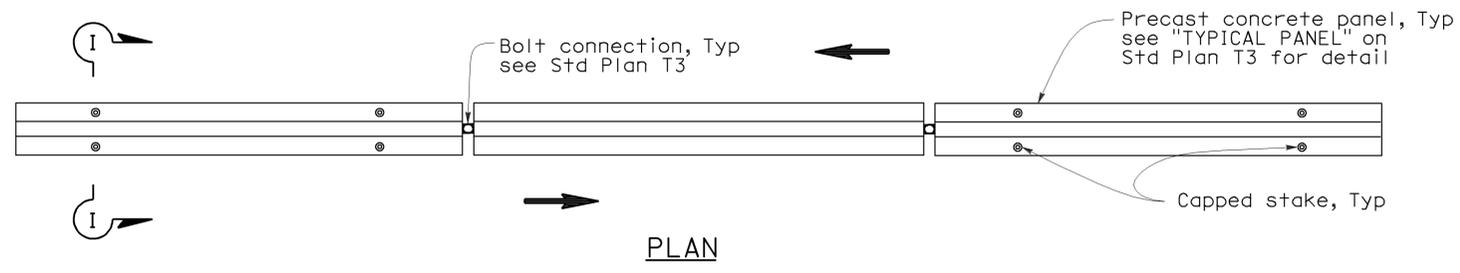
| | | | | | |
|------|--------|-------|----------------------------------|--------------|-----------------|
| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
| 06 | Ker | 5, 33 | 30.0/36.0, 45.1/52.0 0.0/12.1 | 11 | 11 |

Randell D. Hiatt
REGISTERED CIVIL ENGINEER

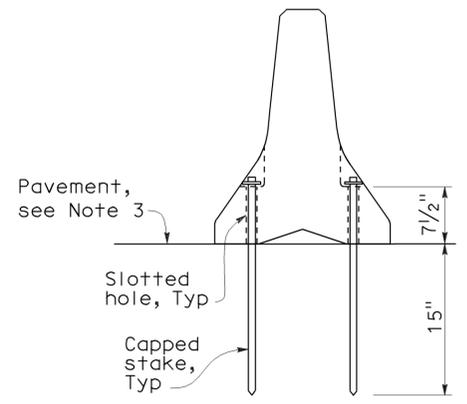
May 20, 2011
PLANS APPROVAL DATE

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To accompany plans dated 2-27-12



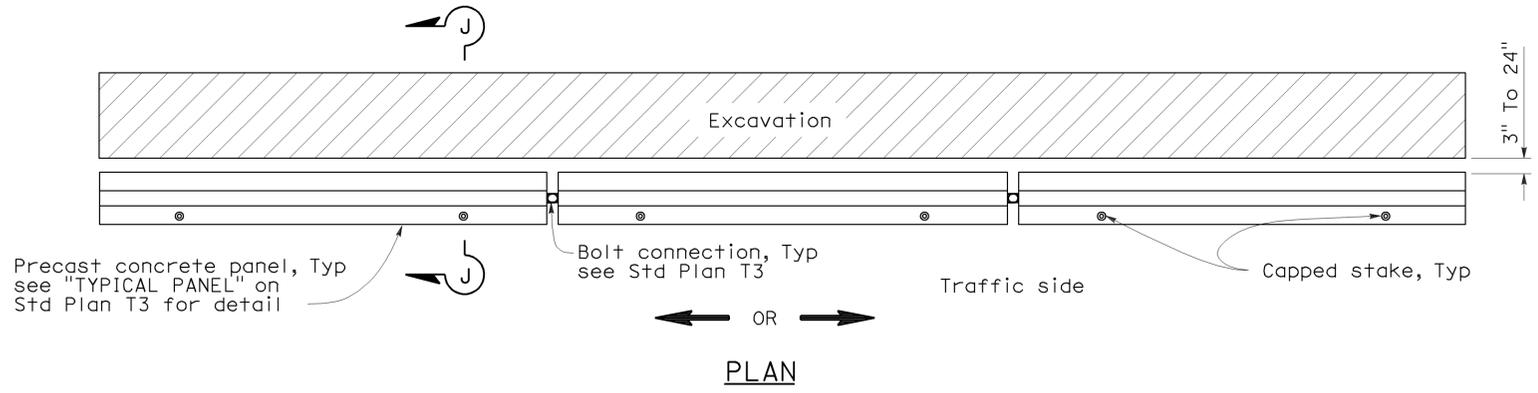
RAILING STAKING CONFIGURATION FOR TWO-WAY TRAFFIC
See Note 1



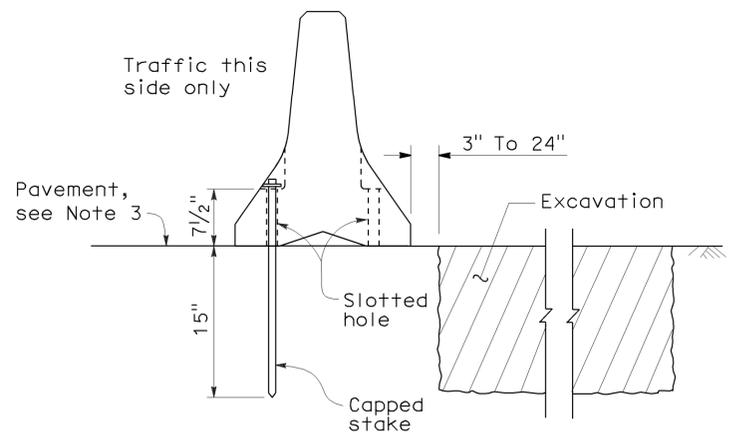
SECTION I-I

NOTES:

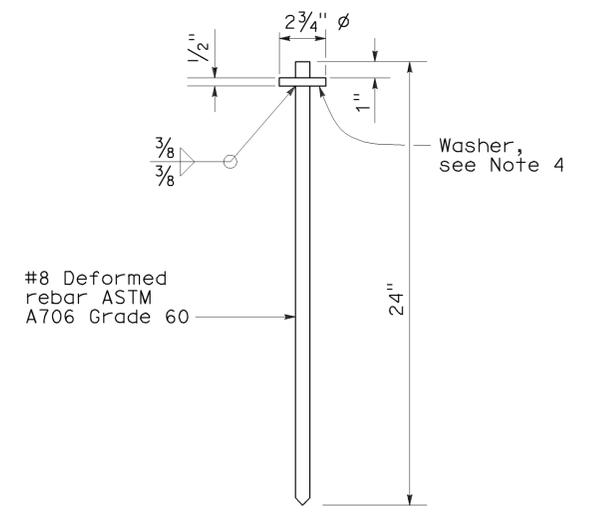
1. Where Type K Temporary Railing is placed as a temporary or long term barrier in two-way traffic on highways with less than 24" from the edge of traveled way, use four capped stakes per every other panel with end panels staked.
2. Where Type K Temporary Railing is placed 3" to 24" from the edge of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