| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| 11 | SD | 8, 163 | 2.4, 3.7 | 14 | 89 |

Manuel Reyes 03-11-16
REGISTERED CIVIL ENGINEER DATE

05-16-16
PLANS APPROVAL DATE

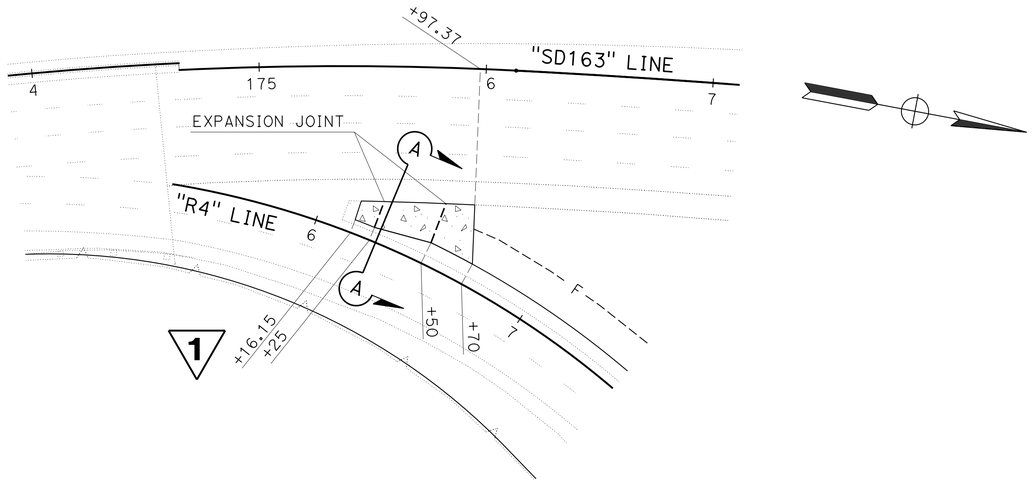
REGISTERED PROFESSIONAL ENGINEER
MANUEL REYES
No. 58621
Exp. 12-31-16
CIVIL
STATE OF CALIFORNIA

*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.*

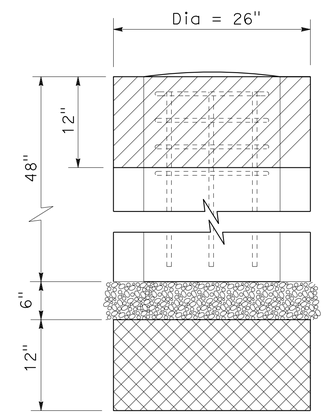
LEGEND:

- MINOR CONCRETE (EXPOSED AGGREGATE CONCRETE)
- LIMITS OF ROADWAY EXCAVATION (TYPE Y-1) (AERIALLY DEPOSITED LEAD)
- LOCATION OF BURIED ROADWAY EXCAVATION (TYPE Y-1) (AERIALLY DEPOSITED LEAD)

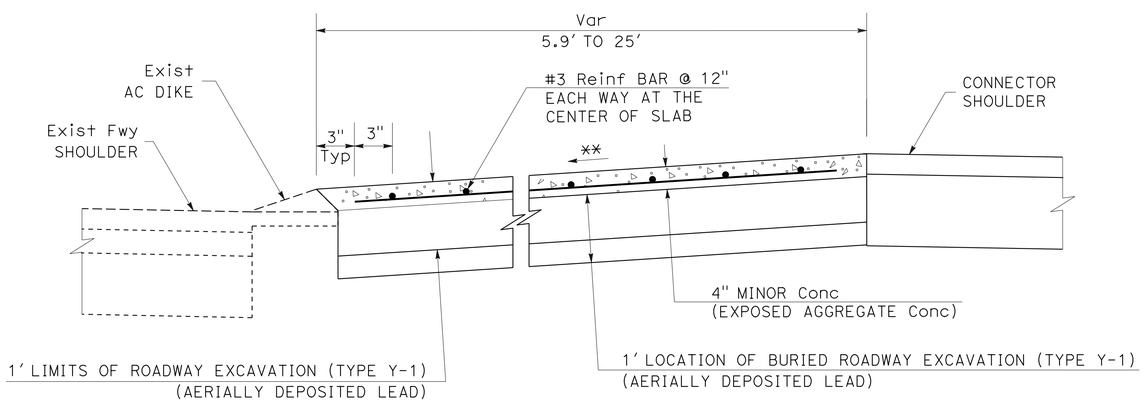
** - MATCH EXISTING




PLAN VIEW




FRONT VIEW




SECTION A-A

**ROADWAY EXCAVATION (TYPE Y-1)**
**(AERIALLY DEPOSITED LEAD)**

SIGN POST SUPPORT SYSTEM

**MINOR CONCRETE**
**(EXPOSED AGGREGATE CONCRETE)**

Sta 206+16.15 TO Sta 206+70.00 "R4" LINE

1

1 **REPLACED PER ADDENDUM No. 1 DATED JULY 25, 2016**

**CONSTRUCTION DETAILS**

NO SCALE

**C-7**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans PROJECT DEVELOPMENT
TRAFFIC

FUNCTIONAL SUPERVISOR: CHARLES GRAY
CALCULATED-DESIGNED BY: VAN CALLANTA
CHECKED BY: MANUEL REYES
REVISED BY
DATE REVISED

LAST REVISION 07-21-16
DATE PLOTTED => 21-JUL-2016
TIME PLOTTED => 14:59

| Dist | COUNTY | ROUTE | POST MILES TOTAL PROJECT | SHEET No. | TOTAL SHEETS |
|---|---|---|---|---|---|
| 11 | SD | 8, 163 | 2.4, 3.7 | 41 | 89 |

Manuel Reyes 03-11-16
REGISTERED CIVIL ENGINEER DATE

05-16-16
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
MANUEL REYES
No. 58621
Exp. 12-31-16
CIVIL
STATE OF CALIFORNIA

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## GUARDRAIL

| GUARDRAIL No. | ROUTE | DIRECTION | SIDE OF ROAD IN DIRECTION OF TRAVEL | LINE | BEGIN Sta | END Sta | LAYOUT TYPE | REMOVE GUARDRAIL | TREATED WOOD WASTE | MIDWEST GUARDRAIL SYSTEM: MGS | MIDWEST GUARDRAIL SYSTEM: ALTERNATIVE FLARED TERMINAL SYSTEM | MIDWEST GUARDRAIL SYSTEM: FLARED TERMINAL SYSTEM (TYPE X-TENSION) | MIDWEST GUARDRAIL SYSTEM: END ANCHOR ASSEMBLY (TYPE SFT) | GUARD RAILING DELINEATOR (TYPE F) | REMOVE TERMINAL SYSTEM (N) TYPE SRT | REMOVE CABLE ANCHOR ASSEMBLY (N) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | LF | LB | LF | EA | | EA | EA | EA | |
| 1 | 163 | NB | R† | "SD163" | 167+60.00 | 169+10.00 | 16B | | | 143.75 | 1 | | 1 | 6 | | |
| 2 | 163 | NB | R† | "SD163" | 170+00.47 | 170+67.47 | | 67.00 | 749.54 | | | | | | 1 | 1 |
| 3 | 163 | EB | R† | "R4" | 208+18.68 | 212+74.19 | 11B | | | 446.56 | | 1 | | 18 | | |
| | 8 | EB | R† | "R5" | 266+95.34 | 269+00.00 | | | | 197.19 | | | 1 | 8 | | |
| | | | | | | | TOTAL | 67.00 | ** 749.54 | 787.50 | 1 | 1 | 2 | 32 | | |

** - SEE SIGN QUANTITIES FOR ADDITIONAL QUANTITIES.
(N) - NOT A SEPARATE PAY ITEM, FOR INFORMATION ONLY.

## STRUCTURAL PAVEMENT

| Rte | LINE | SIDE OF ROAD IN DIRECTION OF TRAVEL | BEGIN Sta | END Sta | ROADWAY EXCAVATION | ROADWAY EXCAVATION (TYPE Y-1) (AERIALLY DEPOSITED LEAD) | IMPORTED BORROW | SHOULDER RUMBLE STRIP (HMA, GROUND-IN INDENTATIONS) | MINOR CONCRETE (EXPOSED AGGREGATE CONCRETE) | HIGH FRICTION SURFACE TREATMENT | PLACE HMA (Misc AREA) | MINOR HMA | HMA (TYPE A) | CLASS 2 AB | ASPHALTIC EMULSION (FOG SEAL COAT) | TACK COAT |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | CY | CY | CY | STA | SQFT | SQYD | SQYD | TON | TON | CY | TON | TON |
| 163 | "SD163" | R† | 170+00.00 | 174+59.20 | | | | | | 1,798.00 | | | | | | |
| 163 | "SD163" | R† | 176+77.68 | 177+64.14 | 113.13 | 67.98 | | | | | | | 17.30 | 75.56 | 0.02 | 0.02 |
| 163 | "R4" | R†/L† | 205+34.76 | 206+25.00 | | | | | | 348.00 | | | | | | |
| 163 | "R4" | L† | 206+16.15 | 206+70.00 | 10.33 | 31.00 | | | 837.00 | | | | | | | |
| 163 | "R4" | R†/L† | 206+25.00 | 212+25.00 | | | | 12.00 | | 2,921.56 | | | | | | |
| 163 | "R4" | L† | 206+25.00 | 212+25.00 | 183.97 | 98.00 | | | | | | | 79.24 | 138.67 | | 0.08 |
| 163 | "R4" | R† | 206+50.00 | 208+22.02 | 13.13 | | | | | | 139.67 | 23.28 | | | 0.03 | |
| 163 | "R4" | R† | 209+10.00 | 212+25.00 | | 5.10 | 5.18 | | | | | | | | | |
| 163 | "R4" | R† | 210+32.61 | 212+25.00 | 14.25 | | | | | | | | | | | |
| 163 | "R4" | R† | 212+25.00 | 212+74.91 | | 0.20 | 0.31 | | | | | | | | | |
| 8 | "R5" | R† | 266+95.34 | 269+00.00 | | 0.83 | 1.25 | | | | | | | | | |
| | | | | TOTAL | 334.81 | ***203.11 | 6.74 | 12.00 | 837.00 | 5,067.56 | 139.67 | #23.28 | 96.54 | 214.23 | 0.05 | # 0.10 |

*** - SEE CONCRETE BARRIER/CRASH CUSHION TABLE FOR ADDITIONAL QUANTITIES.
# - SEE HOT MIX ASPHALT DIKE TABLE FOR ADDITIONAL QUANTITIES.

1 **REPLACED PER ADDENDUM No. 1 DATED JULY 25, 2016**

## SUMMARY OF QUANTITIES

**Q-2**

STATE OF CALIFORNIA - DEPARTMENT OF TRANSPORTATION
Caltrans PROJECT DEVELOPMENT
TRAFFIC

FUNCTIONAL SUPERVISOR: CHARLES GRAY
CALCULATED-DESIGNED BY: VAN CALLANTA
CHECKED BY: MANUEL REYES
REVISED BY
DATE REVISED

LAST REVISION 07-21-16
DATE PLOTTED => 21-JUL-2016
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