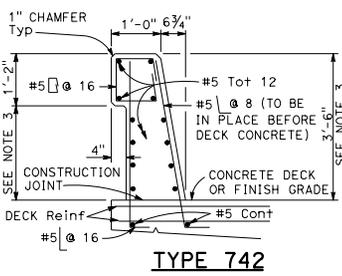
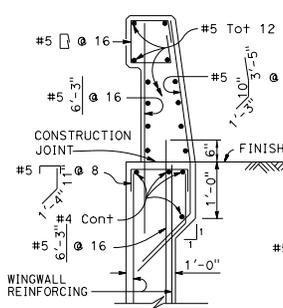


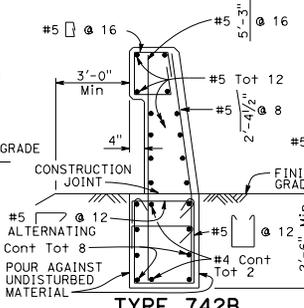
**METAL RAILING CONNECTION**      **DECK OR WALL JOINT**      **ELEVATION**      **ELECTROLIER** (See Note 5)



**TYPE 742**

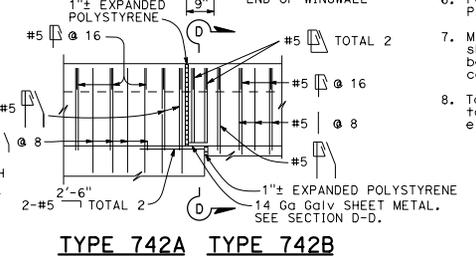


**TYPE 742A**

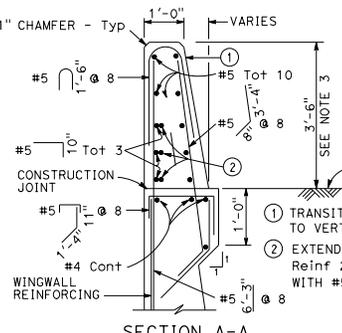


**TYPE 742B**

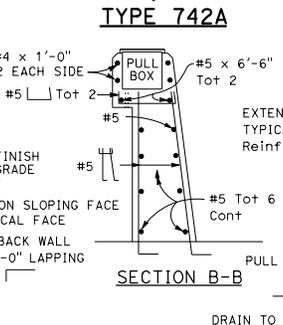
**NOTE:**  
Types 742A & 742B are similar to Type 742 except as noted



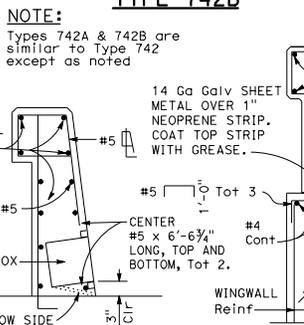
**TYPE 742A TYPE 742B**



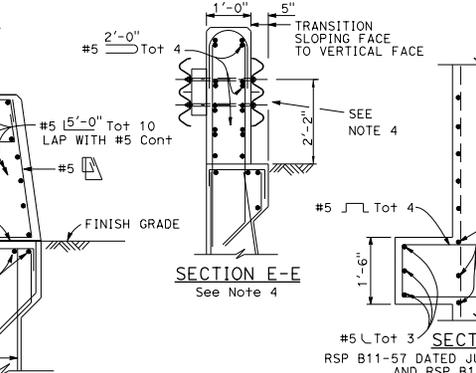
**SECTION A-A**



**SECTION B-B**

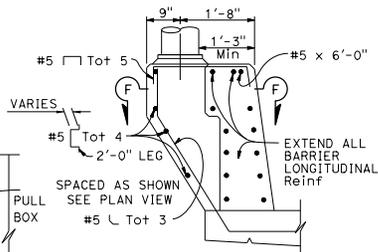


**SECTION C-C**  
See Notes



**SECTION E-E**  
See Note 4

**SECTION F-F**



**PEDESTAL ELEVATION**

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**CONCRETE BARRIER TYPE 742**  
NO SCALE

RSP B11-57 DATED JULY 15, 2016 SUPERSEDES RSP B11-57 DATED NOVEMBER 15, 2013 AND RSP B11-57 DATED JULY 19, 2013 AND STANDARD PLAN B11-57 DATED MAY 20, 2011 - PAGE 299 OF THE STANDARD PLANS BOOK DATED 2010.

**REVISED STANDARD PLAN RSP B11-57**

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

REGISTERED CIVIL ENGINEER  
Tilgert Satter  
No. C42892  
Exp. 3-31-18  
CIVIL  
STATE OF CALIFORNIA

PLANS APPROVAL DATE  
July 15, 2016

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.

TO ACCOMPANY PLANS DATED \_\_\_\_\_

**NOTES:**

- Walls are to be backfilled before barrier is placed.
- Clearance to reinforcing steel in barrier to be 1", except as noted. Longitudinal reinforcement to stop at all expansion joints.
- Dimensions may vary with roadway cross slope and with certain thickness of surfacing. See Project Plans.
- For typical metal railing connection details not shown, see Revised Standard Plans RSP A77U1 and RSP A77U2.
- See Revised Standard Plans RSP ES-9A, RSP ES-9B, RSP ES-9C, RSP ES-9D and RSP ES-9E for electrical details. The maximum number of conduits in the barrier is limited to two 2" conduits along with one 3" conduit. When a 3" conduit is used, it is restricted to the base of the barrier.
- For electrolier mounting details, See Revised Standard Plans RSP ES-6A and RSP ES-6B.
- Minimum concrete edge distance, to the reinforcing shown, shall be maintained. Edge distance may be adjusted to accommodate increase in concrete cover for architectural treatment.
- Taper the top of the end of the bridge railing at 4:1 to match the top elevation of the three beam rail element.

Details shown for barrier anchorage to Type 742A. Anchorage for barrier Types 742 and 742A are similar to their respective details.

2010 REVISED STANDARD PLAN RSP B11-57