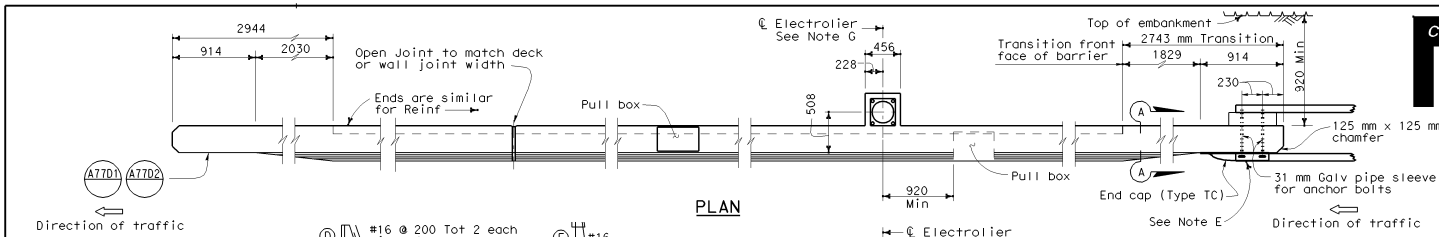
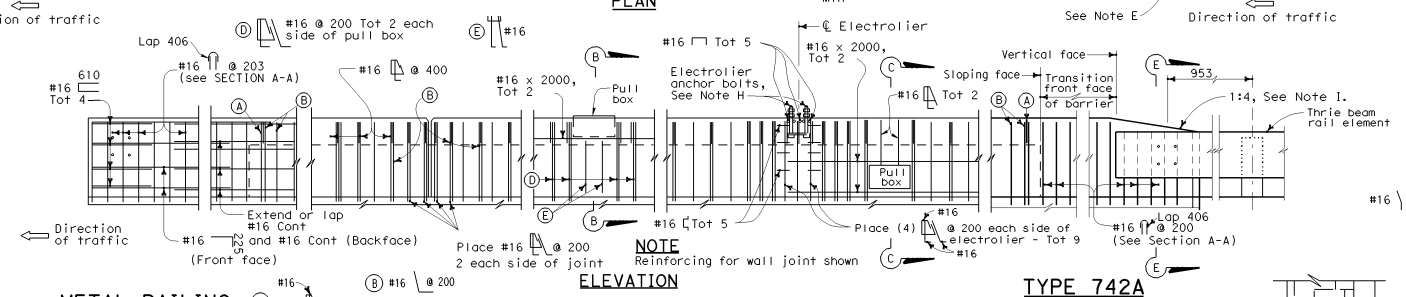


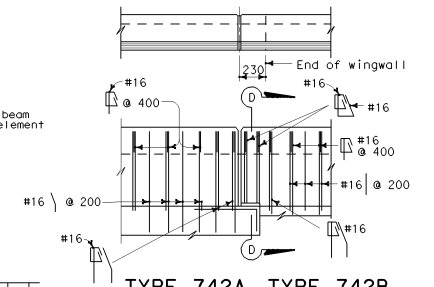
PLAN



NOTE
Reinforcing for wall joint shown

ELEVATION

TYPE 742A

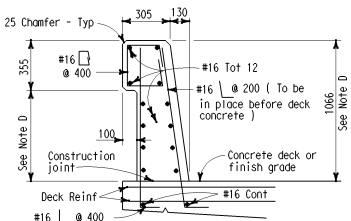


TYPE 742A TYPE 742B

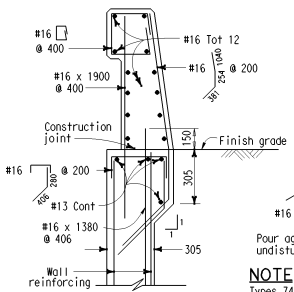
METAL RAILING CONNECTION

DECK OR WALL JOINT

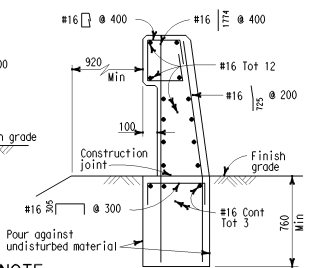
ELECTROLIER
(See Note F)



TYPE 742

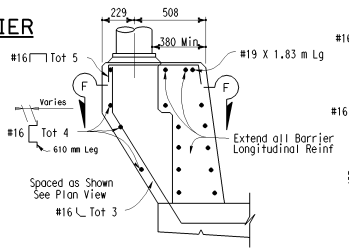


TYPE 742A

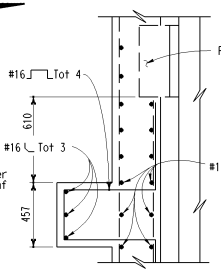


NOTE
Types 742A & 742B are similar to Type 742 except as noted

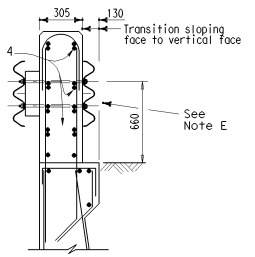
TYPE 742B



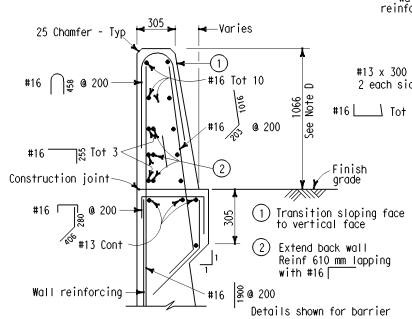
PEDESTAL ELEVATION



SECTION F-F

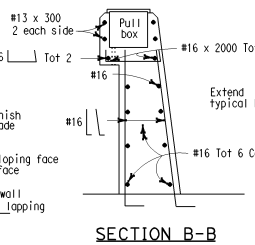


SECTION E-E
See Note E

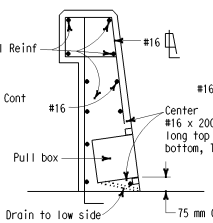


SECTION A-A

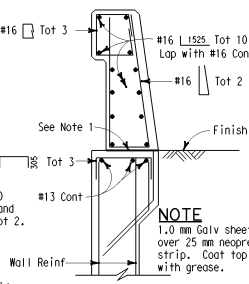
Details shown for barrier anchorage to Type 742A. Anchorage for barrier Types 742 and 742A are similar ro their respective details.



SECTION B-B



SECTION C-C
See Notes



NOTE
1.0 mm Galv sheet metal over 25 mm neoprene strip. Coat top strip with grease.

SECTION D-D

NOTES

A. Walls are to be backfilled before barrier is placed.

B. Clearance to reinforcing steel in barrier to be 25 mm, except as noted. Longitudinal reinforcement to stop at all expansion joints.

C. See project plans for locations of electroliers and pull boxes.

D. Dimensions may vary with roadway cross slope and with certain thickness of surfacing. See Project Plans.

E. For typical metal railing connection details not shown, see Standard Plans A77J1 and A77J2.

F. See Standard Plans ES-9A, ES-9B, ES-9C, ES-9D and ES-9E for electrical details. The maximum number of conduits in the barrier is limited to two (2) 50 mm conduits along with one (1) 75 mm conduit. When a 75 mm conduit is used, it is restricted to the base of the barrier.

G. For electrolier mounting details, See Standard Plans ES-6A and ES-6B.

H. Minimum concrete edge distance, to the reinforcing shown, shall be maintained. Edge distance may be adjusted to accommodate increase in concrete cover for architectual treatment.

I. Taper the top of the end of the bridge railing at 1:4 to match the top elevation of the thrie beam rail.

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

REGISTERED CIVIL ENGINEER

July 1, 2004
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER NAHED ABDIN No. C48719 Exp. 9-30-04 CIVIL STATE OF CALIFORNIA

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STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

CONCRETE BARRIER TYPE 742

NO SCALE

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

B11-57