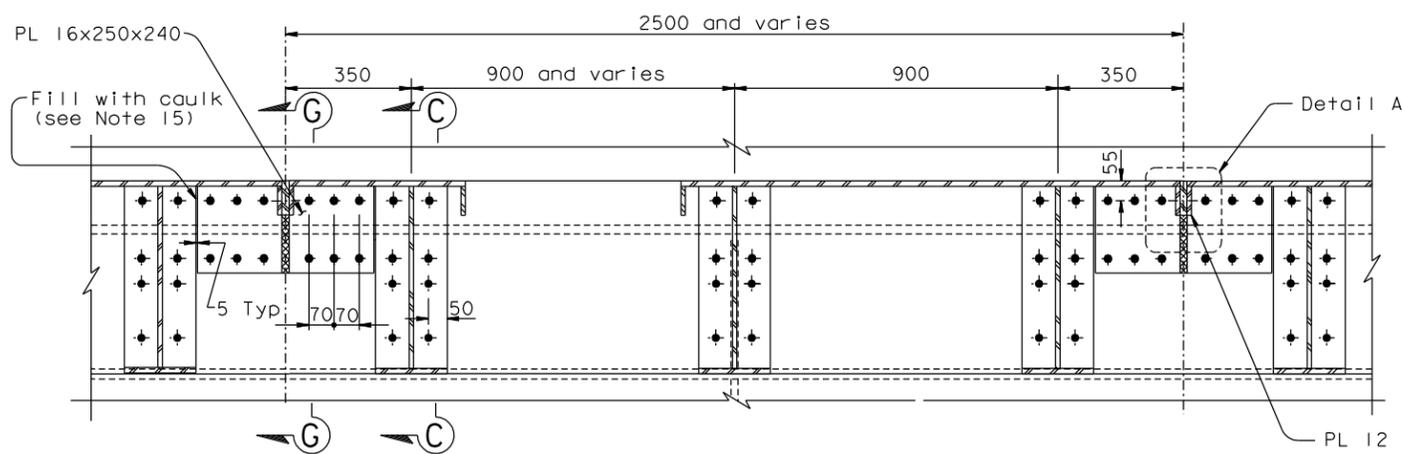




DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	89053R3	1204

REGISTERED ENGINEER - CIVIL	
04-05-10	
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.	
T.Y. LIN / MOFFATT & NICHOL	
825 BATTERY STREET	
SAN FRANCISCO, CA 94111	
Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov	

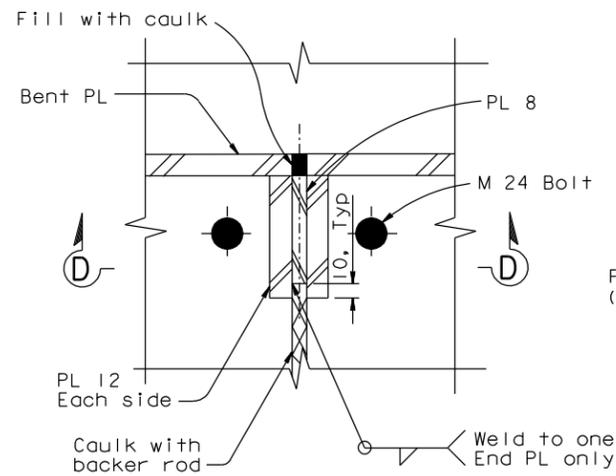


PLAN-STEEL BARRIER Type 732 Modified for W5 E2
1:10 (See Note 13)

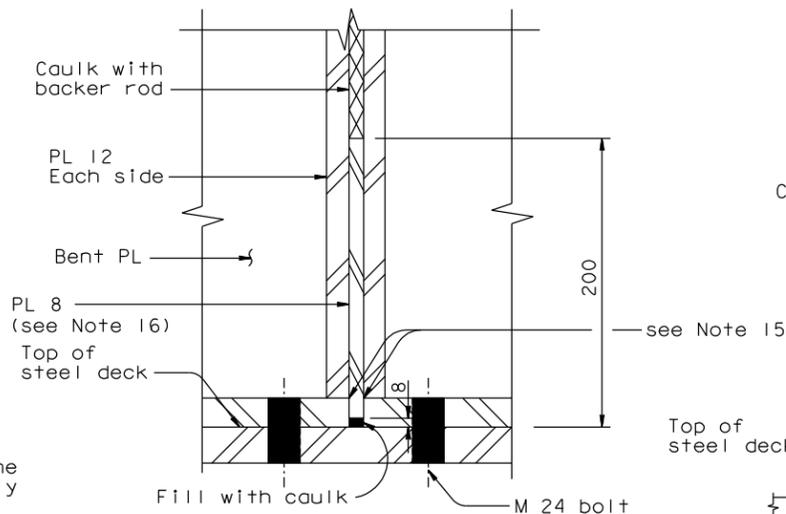
16. At the Contractor's option, the PL 8 may be removed provided the caulk with backer rod is extended to the top of steel deck, subject to review and approval of the Engineer.
17. At the Contractor's option, 12 Dia cap screws may be used in lieu of 12 Dia A307 bolts, subject to review and approval of the Engineer.
18. At the Contractor's option, 16 Dia oversize holes may be used in the cover PL with washer of sufficient size to cover the oversize holes, subject to review and approval of the Engineer. All flat washers shall be sealing washers with bonded neoprene.

NOTES:

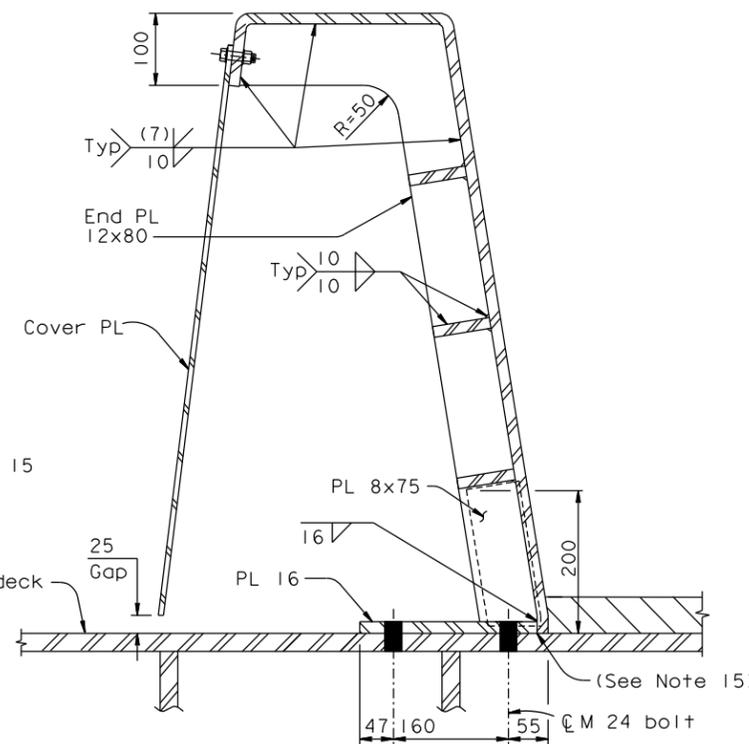
1. For steel barrier to box girder connection details, see "Typical Girder Details" sheets.
2. Inlets and flume plates exist on south barrier of each deck only.
3. For locations and details of drainage features, see "Deck Drainage Details" sheets. Slot cover over Diverter plate where shown on "Deck Drainage Details No. 1" sheet.
4. For conduit penetration thru deck and beveled plate detail, see "Utility Details" sheets.
5. For utilities inside barrier, pipe supports and other attachments to barrier, see "Road Plans".
6. The contractor shall provide cutouts for conduit penetrations as required. Conduit penetrations shall be arranged so as to allow removal of cover plate.
7. Barrier length and diaphragm spacing vary west of PP 9 and from PP 118 to Hinge A. See Detail D on "Girder at Pier W2 No. 3" sheet and "Girder Framing Plan No. 4" sheet. Bolt spacings may be varied within the requirements of "Bolt Dimension Table" on "Typical Girder Details No. 1" sheet.
8. For receptacle mounting see "Utility Details No. 2". For locations see "Road Plans".
9. For conduit and box support details, and for call box penetrations and locations, see "Road Plans".
10. Between PP 120+350 and PP 120+1250, the Contractor shall provide shim plates under the barrier base plates and under the barrier connections as required to fill the gap caused by the OBG kink. The 68 Dia drainage cut-out in the barrier diaphragm shall not be blocked, and the caulk shall be thickened under the barrier along the curb lines between these panel points.
11. Bolt holes shall be standard size in the deck PL and oversize in the barrier.
12. All bolts between the barrier and the deck shall be tensioned prior to load transfer.
13. For Section C-C and Details not shown for Lines W5/E2, see "Barrier Details No. 1".
14. Following installation of all HS bolts all anchor rods for barrier segment shall be installed snug tight. They shall then be tightened by an additional one-half turn of the nut.
15. At the Contractor's option, a seal weld may be used in lieu of caulk seal between:
 - Base PL 25 & PL 12
 - Base PL 25 & PL 16
 - PL 16 & PL 12,
 subject to review and approval of the Engineer.



DETAIL A
1:2.5



SECTION D-D
1:2.5



SECTION G-G
1:5

CONTRACT CHANGE ORDER NO. _____
SHEET _____ OF _____

REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE					
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
△	04/20/12	BARRIER COVER PL MODIFICATIONS	GB	MN	227
△	01/21/11	BARRIER MODIFICATIONS	GB	MN	44
△	10/22/10	BARRIER MODIFICATIONS	GB	MN	44
△	04/05/10	BARRIER MODIFICATIONS	GB	MN	44

ALTERNATE BARRIER DETAILS - CONNECTION BEFORE LOAD TRANSFER

DESIGN	BY M. Nader	CHECKED G. Baker
DETAILS	BY D. Turner	CHECKED J. Duxbury
QUANTITIES	BY J. Duxbury	CHECKED D. Turner

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN	
R. Manzanarez	PROJECT ENGINEER
BRIDGE NO.	34-0006L/R
KILOMETER POST	13.2/13.9

SAN FRANCISCO OAKLAND BAY BRIDGE EAST SPAN SEISMIC SAFETY PROJECT SELF-ANCHORED SUSPENSION BRIDGE (SUPERSTRUCTURE & TOWER) BARRIER DETAILS NO. 2C

R. Valizadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
Sign: [Signature] / Y. Liu
SIGN OFF DATE 04/20/12

Rev. Date: 5-18-98

ORIGINAL SCALE IN MILLIMETERS FOR REDUCED PLANS 0 10 20 30 40 50 60 70 80 90 100

CU 04
EA 0120F1

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)		SHEET	OF
04/05/10		47353R3	

100% P&E
DATE PLOTTED => 13:22:28
USERNAME => DWInow