DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	860ARI	1204

REGISTERED ENGINEER - CIVIL

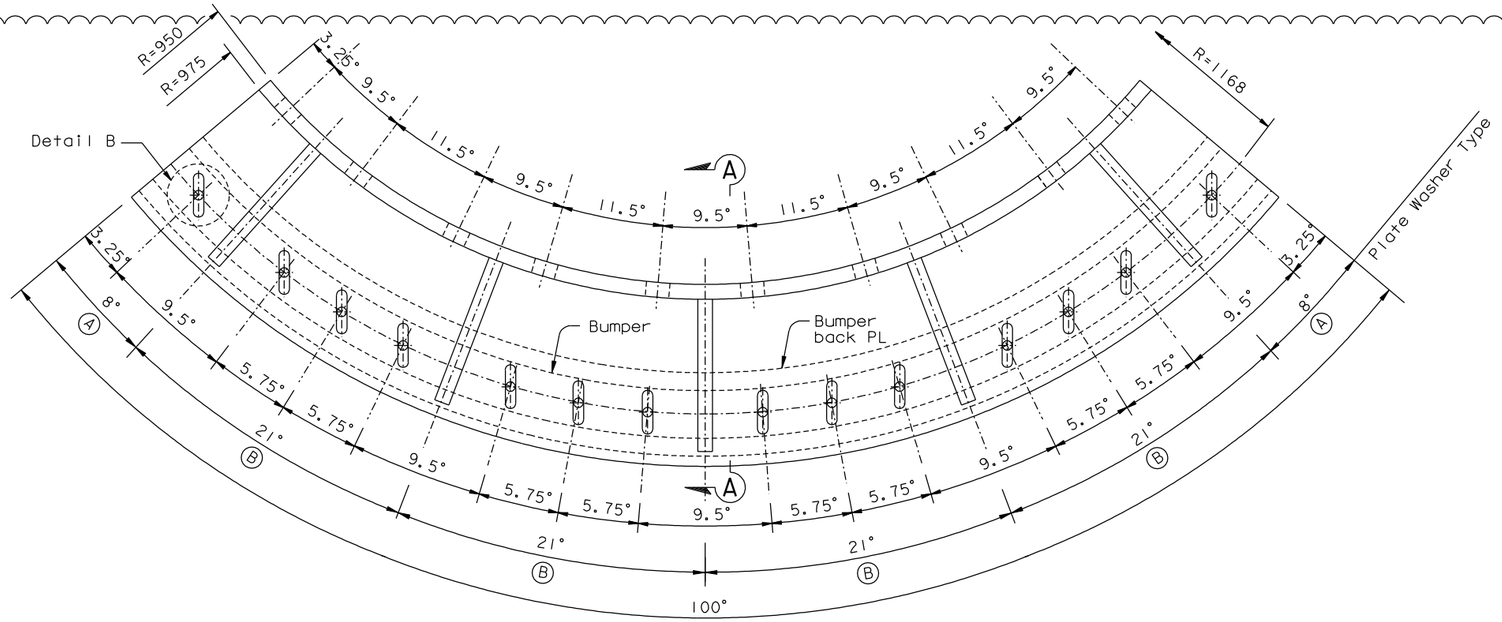
03-20-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Marwan N. Nader No. C 054426 Exp. 12/31/13 CIVIL STATE OF CALIFORNIA

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



ALTERNATE DETAIL FOR HINGE A RESTRAINT BRACKET ASSEMBLY AT SUPPORTS A & B

1:5
(Plate washers not shown for clarity)

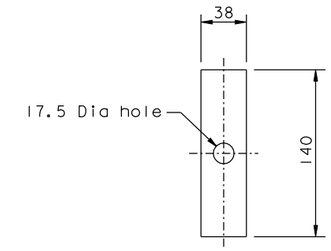


PLATE WASHER (A)

1:2.5

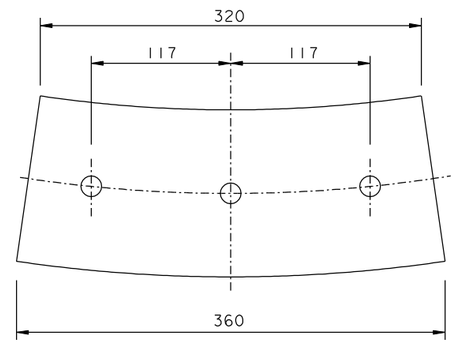
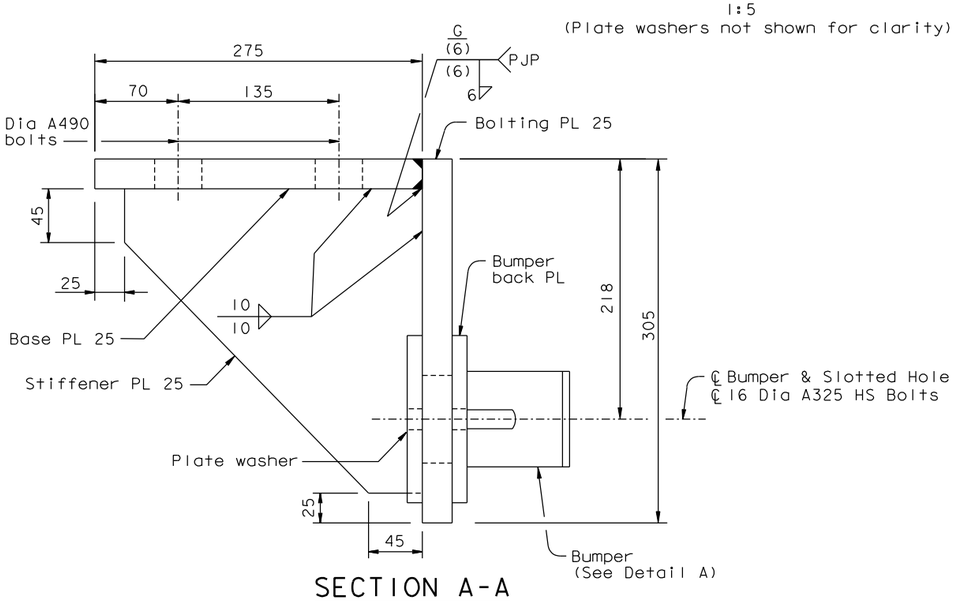


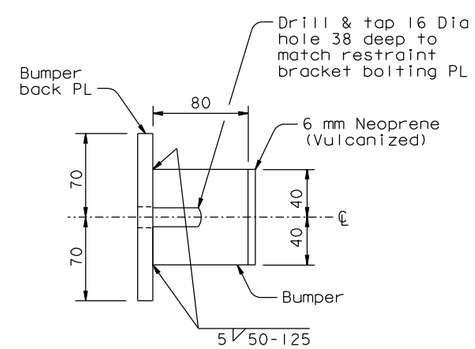
PLATE WASHER (B)

1:2.5



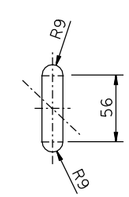
SECTION A-A

1:2.5



DETAIL A

1:2.5



DETAIL B

1:2.5
(Slotted hole)

NOTES:

1. All welding shall be in accordance with AWS D1.5.
2. All welding electrodes shall be E70XX.
3. All welding electrodes shall be A709 Grade 50 with supplementary requirement S83 "Non-Fracture Critical, T, Material: Toughness Test and Marking". Charpy v notch (CVN) impact shall conform to ASTM designation A709 for Zone 2.
4. All plate washers shall be shipped loose.

CONTRACT CHANGE ORDER NO. ____
SHEET ____ OF ____

REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

REVISION 1 SUPERCEDES REVISION 0

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

R. Valizadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
Roya Valizadeh / Vong Toan / Y. Liu
SIGN OFF DATE 05/22/12

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	05/22/12	HINGE A MODIFICATIONS	NV	MN	120
0	03/20/12	HINGE A MODIFICATIONS	NV	MN	120S1

REVISIONS

DESIGN	BY N. Vo	CHECKED M. Nader	
DETAILS	BY N. Vo	CHECKED A. Baumberger	
QUANTITIES	BY N. Vo	CHECKED A. Baumberger	

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

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)

HINGE A DETAILS NO. 10

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 03/20/12

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET 443ARI OF

FILE => L:\BB\04-012001\SAS\Contract Plans and CCO\CCO\CCO#120\4-Revision 05-22-11\DGN\ahhng08a.dgn

USERNAME => DWinrow DATE PLOTTED => 22 MAY 2012 TIME PLOTTED => 10:55:24

100% PS&E