



DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	86452	1204

REGISTERED ENGINEER - CIVIL

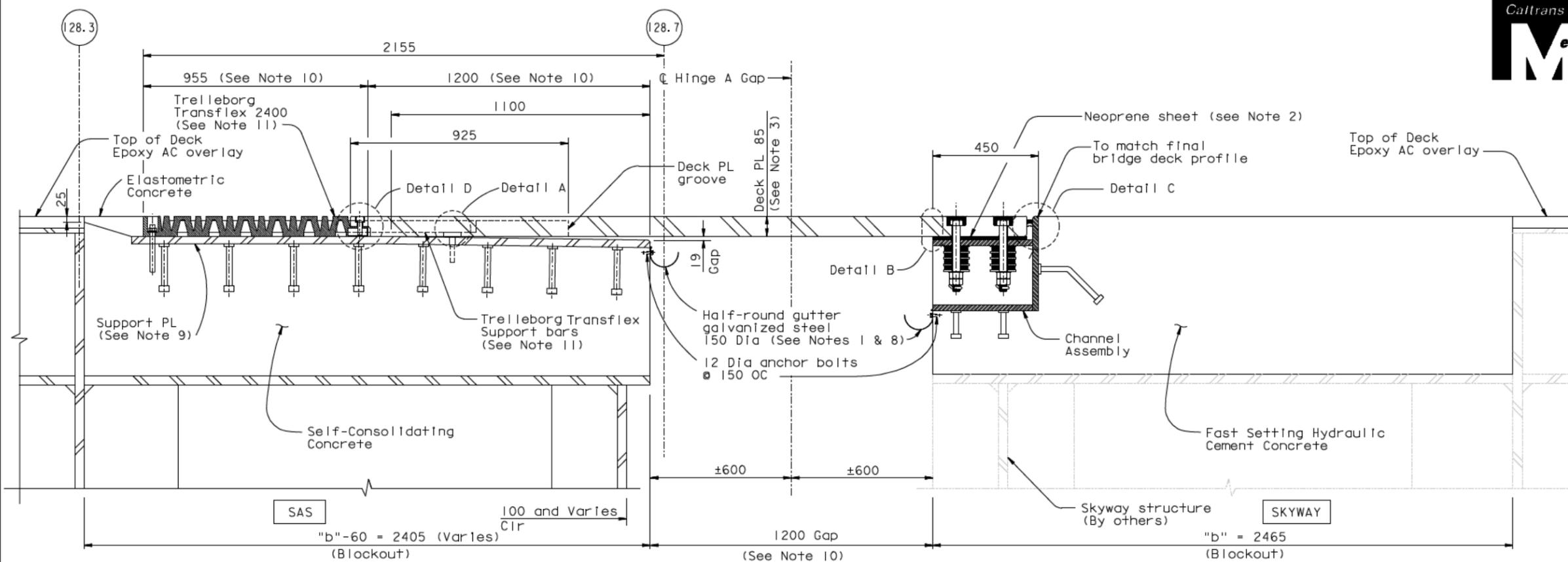
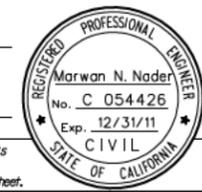
07-30-10

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

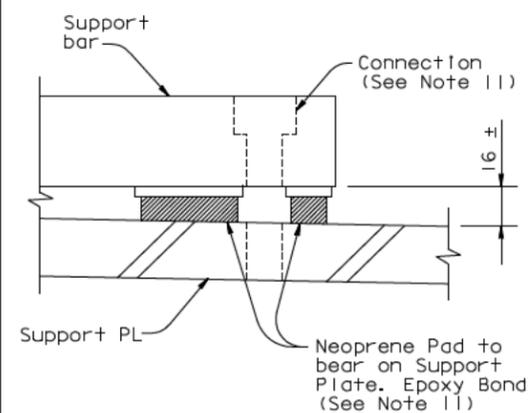
Caltrans now has a web site! To get to the web site, go to: <http://www.dot.ca.gov>



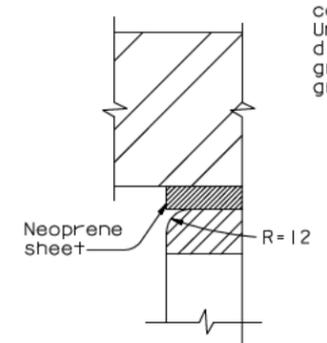
SECTION A-A  
1:10

NOTES:

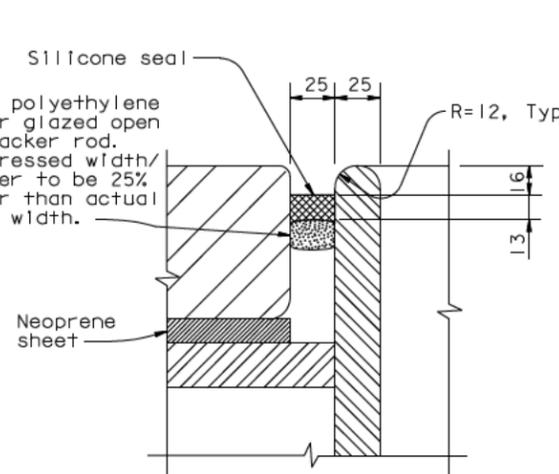
1. Use caulking or sealant between gutter and concrete.
2. 40 mm holes in neoprene sheets shall be drilled or punched so that the neoprene is not distorted at the time of installation. See "Hinge A Expansion Joint Details No.8" sheet.
3. For deck plate layout and details, see "Hinge A Expansion Joint Details No.3" sheet. For deck plate friction groove pattern, see "Hinge A Expansion Joint Details No. 6" sheet.
4. For mild steel reinforcement in blackout areas, see "Hinge A Expansion Joint Details No.10" sheet.
5. For channel assembly details, see "Hinge A Expansion Joint Details No.7" and "Hinge A Expansion Joint Details No.8" sheets.
6. Place deck plate, support plate and channel assembly so that full bearing is achieved between 1) deck plate and channel assembly and 1) deck plate and support plates as shown in Section A-A.
7. M-20 Allen head screw shall be stainless steel.
8. Gutter shall be placed on the same side as the support plate, 75 mm minimum from the deck plate. Gutter shall be parallel to deck cross slope.
9. For support plate details see "Hinge A Expansion Joint Details No.9" sheet.
10. Values are for mean temperature of 20° C.
11. All the connection hardware shall be supplied with Trelleborg Transflex 2400. The connection of Transflex 2400 and that of the support bar to the blackout concrete shall be drill and bond dowels.



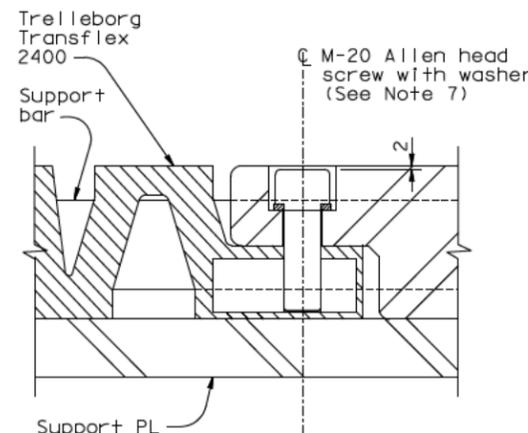
DETAIL A  
1:2



DETAIL B  
1:2



DETAIL C  
1:2



DETAIL D  
1:2

CONTRACT CHANGE ORDER NO. \_\_\_\_\_  
SHEET \_\_\_\_\_ OF \_\_\_\_\_

REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

R. Valizadeh/V. Toan/Y.L./W.L./F.C.  
DESIGN OVERSIGHT  
SIGN OFF DATE 07/30/10

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
Δ	07/30/10	SEISMIC JOINT MODIFICATIONS HINGE A	CR	MN	25
		REVISIONS			

DESIGN	BY C. Redfield	CHECKED M. Nader
DETAILS	BY H. Patel	CHECKED M. Benoit
QUANTITIES	BY H. Patel	CHECKED J. Duxbury

PREPARED FOR THE  
STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

R. Manzanarez  
PROJECT ENGINEER

SAN FRANCISCO OAKLAND BAY BRIDGE  
EAST SPAN SEISMIC SAFETY PROJECT  
SELF-ANCHORED SUSPENSION BRIDGE  
(SUPERSTRUCTURE & TOWER)

HINGE A EXPANSION JOINT DETAILS NO. 4

100% P&E DATE PLOTTED -> 30 JUL 2010 TIME PLOTTED -> 11:37:13 USERNAME -> qrtvera