| DIST. | COUNTY | ROUTE | KILOMETER POST TOTAL PROJECT | SHEET NO. | TOTAL SHEETS |
|---|---|---|---|---|---|
| 04 | SF | 80 | 13.2/13.9 | 863R2 | 1204 |

REGISTERED ENGINEER - CIVIL

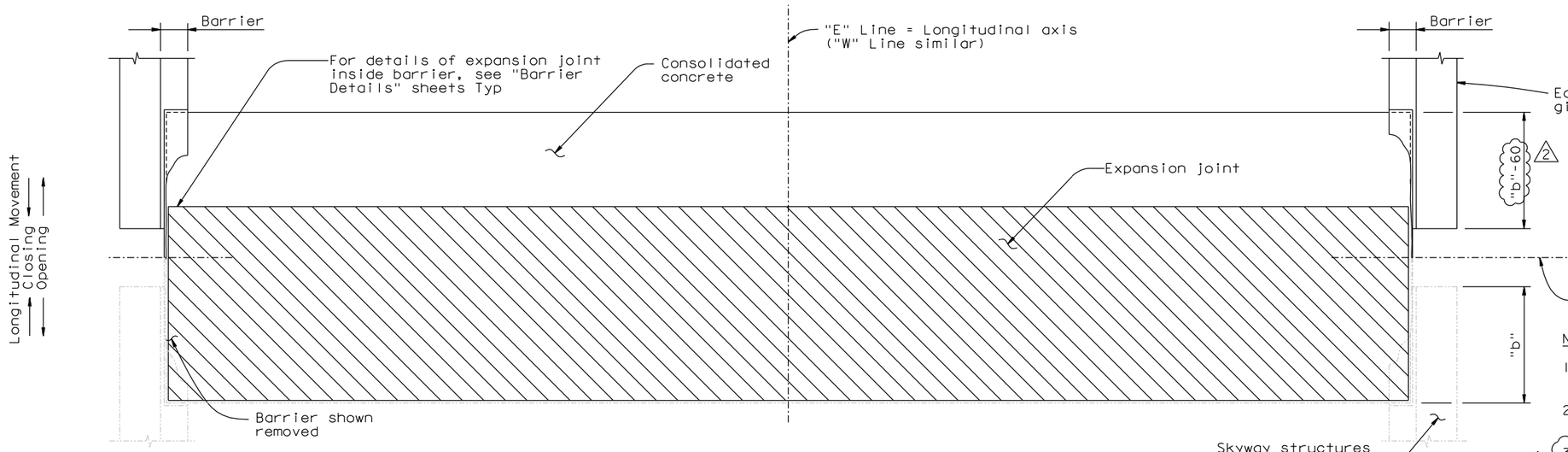
12-6-04
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Marwan N. Nader No. C 054426 Exp. 12/31/11 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*




## PLAN-EXPANSION JOINT

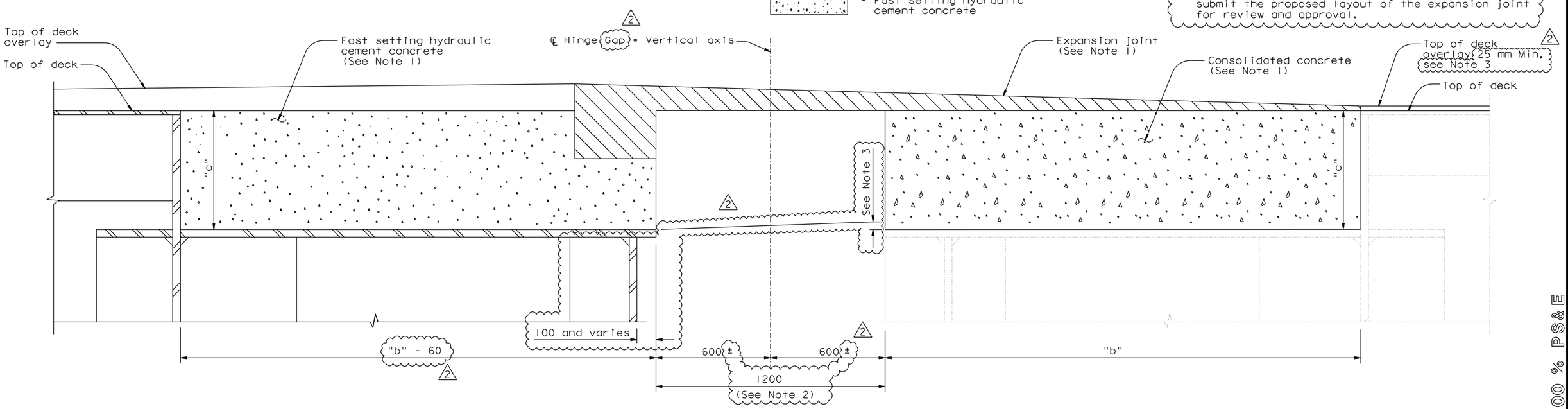
1:50

LEGEND:

- Expansion Joint
- Consolidated concrete
- Fast setting hydraulic cement concrete

NOTES:

1. For details and orientation of expansion joint and concrete, see "Seismic Joint" plans.
2. Values are for mean temperature of 20°C and no creep and shrinkage.
3. For vertical misalignment due to profile or cross slope variance between the Skyway and SAS girders, the blockout concrete depth shall be varied to place the expansion joint following the longitudinal slope with constant cross slope so as to have a smooth transition between the two roadways. The deck overlay shall be at least 25 mm thick and shall be run off to 50 mm thick at a rate no steeper than 1:100. Prior to installing the expansion joint the Contractor shall conduct an as-built survey and submit the proposed layout of the expansion joint for review and approval.




## TYPICAL SECTION

1:10

CONTRACT CHANGE ORDER NO. ____
SHEET ____ OF ____

*REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE*

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

| MARK | DATE | DESCRIPTIONS | BY | CH'D | CCO# |
|---|---|---|---|---|---|
| 2 | 07/30/10 | HINGE A MODIFICATIONS | MN | NV | 120 |
| 1 | 11/06/06 | PER CALTRANS SEISMIC JOINT MODIFICATIONS | MN | AS | 25 |

REVISIONS

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

| | BY | CHECKED |
|---|---|---|
| DESIGN | M. Nader | N. Vo |
| DETAILS | J. Krizek | N. Vo |
| QUANTITIES | J. Krizek | N. Vo |

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 EXPANSION JOINT DETAILS NO. 1

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 04/08/02 01/04/02 12/19/02 07/18/03

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET 446R2 OF

FILE => I:\bb\04-012001\sas\contract plans and cco\cco\cco#120\2-revision 07-30-10\dgn\akjnt03.dgn

100% PS&E

DATE PLOTTED => 30 JUL 2010 TIME PLOTTED => 11:03:11

USERNAME => gwinrow