DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	12.7/13.2	K558A	806

REGISTERED ENGINEER - CIVIL
01/20/2012
PLANS APPROVAL DATE

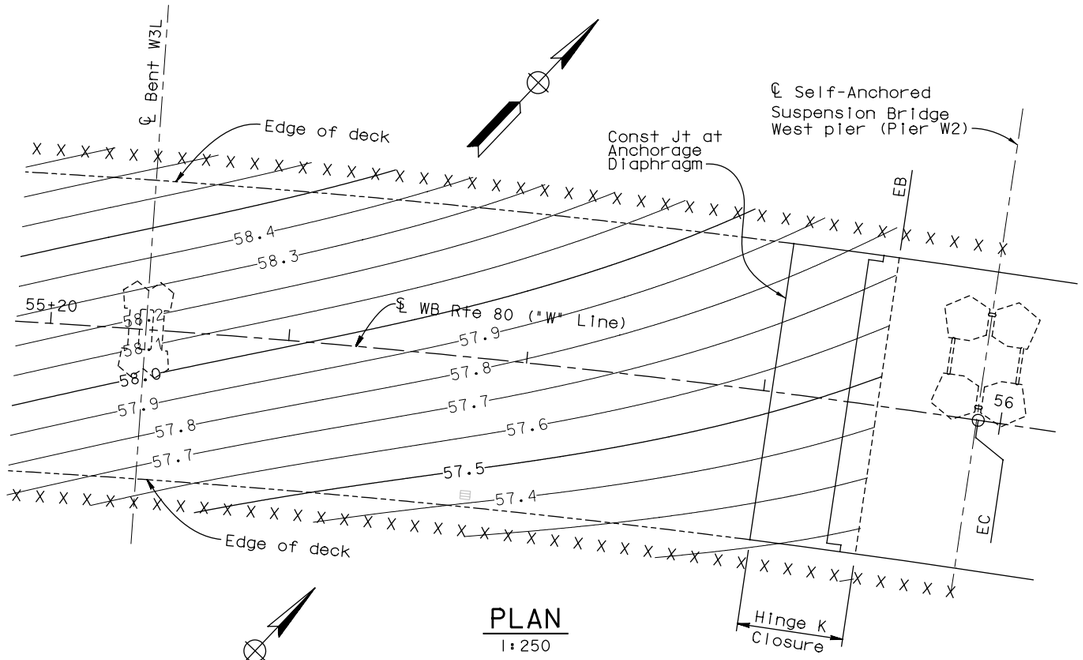
REGISTERED PROFESSIONAL ENGINEER A.L. ELY No. 18880 Exp. 6-30-13 CIVIL STATE OF CALIFORNIA

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.

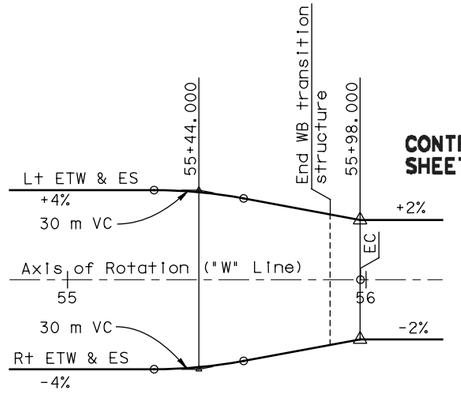
T.Y. LIN / MOFFATT & NICHOL
TWO HARRISON STREET
SAN FRANCISCO, CA 94105

Caltrans Metric

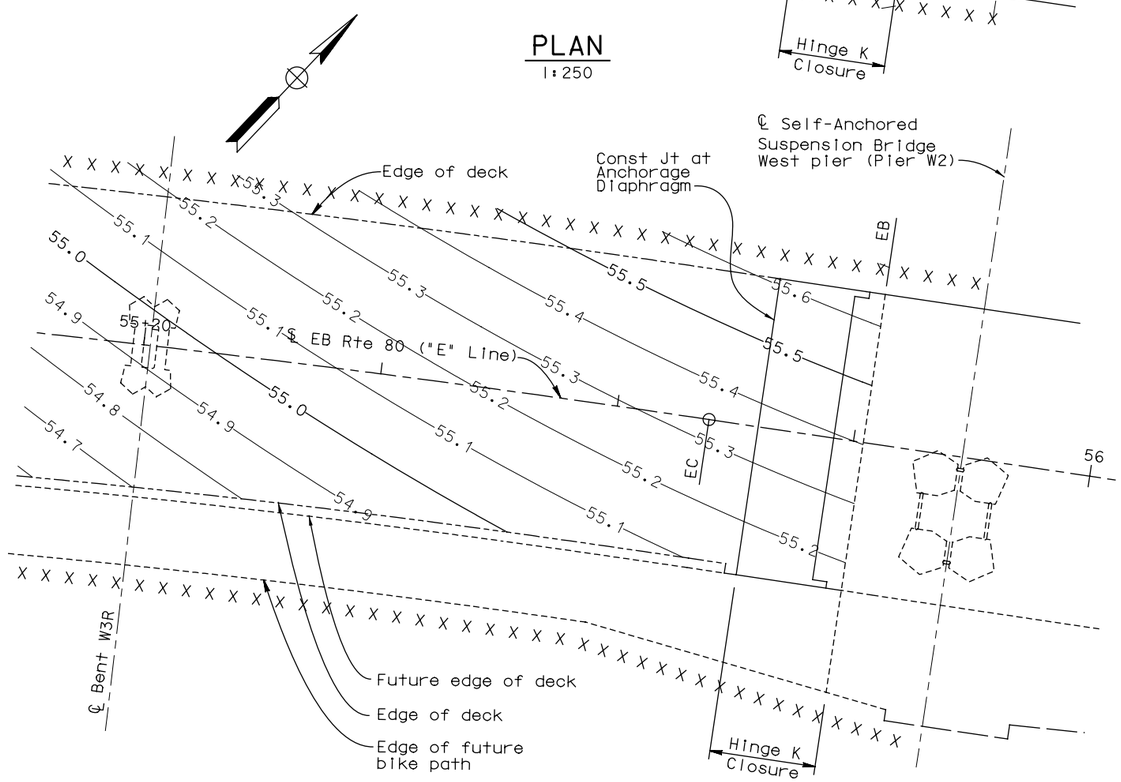
CONTRACT CHANGE ORDER NO._____
SHEET_____OF _____



PLAN
1:250



WESTBOUND SUPERELEVATION DIAGRAM
No Scale



PLAN
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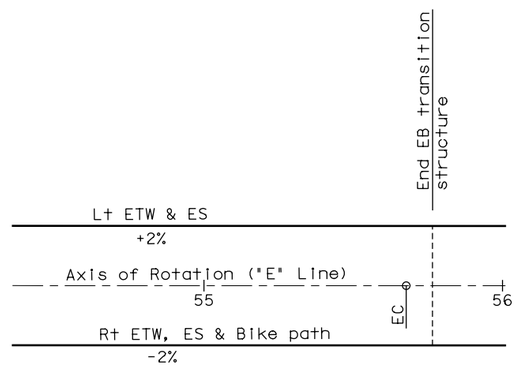
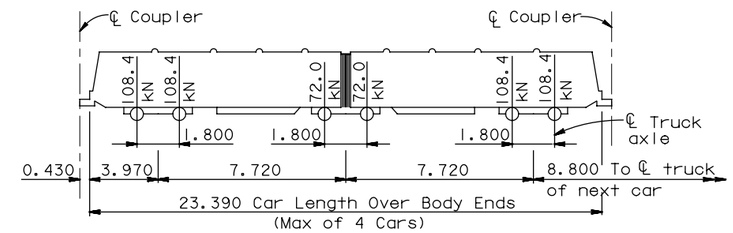


EASTBOUND SUPERELEVATION DIAGRAM
No Scale

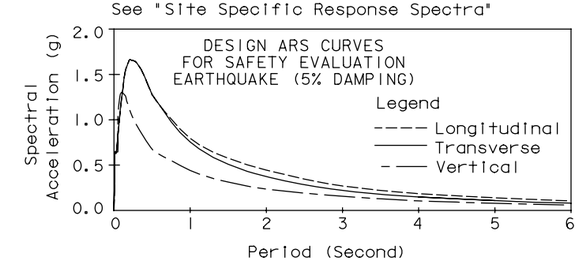
GENERAL NOTES

Load Factor Design

Design: Caltrans Design Specifications-April 2000 (LFD)
(1996 AASHTO with Interims and revisions by Caltrans)
Dead Load: Includes 1675 N/m2 for future wearing surface on roadbed
Live Load: HS20-44 and alternative and permit design load
Bike Path Live Load: 4000 N/m2
Future Mass Transit Loading:



Seismic Loading: Refer to project specific seismic design criteria for San Francisco Oakland Bay Bridge East Span Seismic Safety Project Dated 01-08-00 See "Site Specific Response Spectra"



SITE SPECIFIC RESPONSE SPECTRA

Reinforced Concrete: Fy = 420 MPa
F'c = 46 MPa
N = 8

Transverse Deck Slabs
(Working Stress Design)
Fs = 140 MPa
Fc = 8 MPa
N = 10

NOTES:
Contours shown do not include camber.
X indicates 2 meter interval along "W" or "E" Line
Contour interval shown is 0.1 m.

ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE SHOWN

SAN FRANCISCO OAKLAND BAY BRIDGE
EAST SPAN SEISMIC SAFETY PROJECT

YBI TRANSITION STRUCTURES - HINGE K

DECK CONTOURS

DESIGN OVERSIGHT
ADE AKINSANYA
SIGN OFF DATE

	BY	CHECKED
DESIGN	Alcaraz	Desai
DETAILS	van Ryn/Zucchi/Mai	Jain
QUANTITIES	Liao	E. Nichol

PREPARED FOR THE STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION

Jal Birdy
PROJECT ENGINEER

BRIDGE NO. 34-0006 L/R
KILOMETER POST 12.8

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 K9A OF 209

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Jan 6, 2012

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