DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	641SIRI	1204

Caltrans Metric

REGISTERED ENGINEER - CIVIL

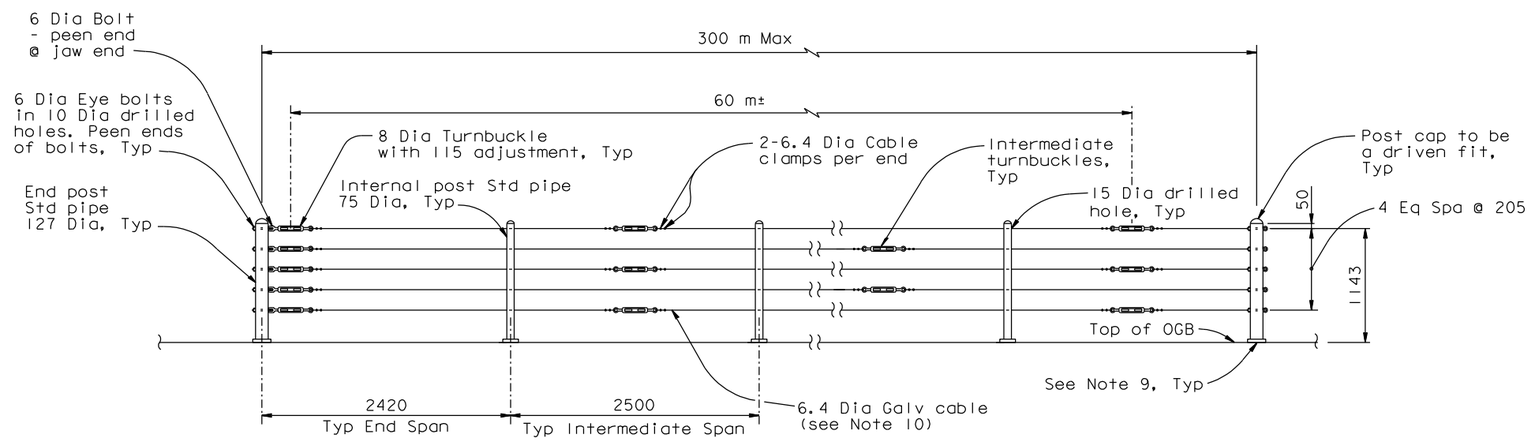
05-15-09
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Tien Hung Ho No. C 43990 Exp. 06/30/13 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
825 BATTERY STREET
SAN FRANCISCO, CA 94111

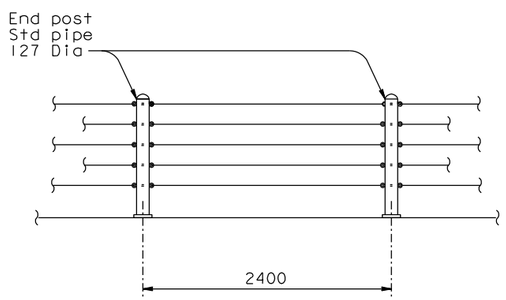
Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov



ELEVATION - TYPICAL

CABLE RAILING - W2 LINE (E2 Similar)

1:30



MID-SPAN CABLE BRACING DETAIL

1:30

NOTES:

1. Maximum distance between turnbuckles shall be 60 m ±.
2. Intermediate turnbuckles to be placed in adjacent spans.
3. Cable shall not be spliced between intermediate turnbuckles and end posts.
4. All posts, cable and hardware to be galvanized.
5. Posts to be vertical in the transverse direction and normal to the deck in the longitudinal direction.
6. Alternative details may be submitted by the Contractor for approval by the Engineer.
7. Typical end spans, braced in both directions, shall be constructed at changes in line where the angle of deflection is 15° or more.
8. Provide thimbles at all cable loops.
9. For post base details, see "Typical Girder Details No. 12" sheet.
10. The bottom cable shall terminate at the vertical posts on either side of the utility pipe expansion loops on the E2 Line. The bottom two cables shall terminate at the vertical posts on either side of the utility pipe expansion loops on the W2 Line.

100% PS&E

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

R. Valizadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
SIGN OFF DATE 11/08/11

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	11/08/11	CABLE RAILING	GB	TH	188
0	05/15/09	HANDRAIL	GB	TH	114

REVISIONS

	BY	CHECKED
DESIGN	G. Baker	T. Ho
DETAILS	G. Baker	T. Ho
QUANTITIES	G. Baker	T. Ho

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)

TYPICAL GIRDER DETAILS NO. 17A

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 05/15/09

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET 224SIRI OF

FILE => I:\bb\04-012001\sas\contract plans and cco\cco\cco#188\3-revision 11-08-11\dgn\agdkd06e.dgn

USERNAME => arivera DATE PLOTTED => 08 NOV 2011 TIME PLOTTED => 08:16:18