DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	641SIR2	1204

Caltrans Metric

REGISTERED ENGINEER - CIVIL

05-15-09
PLANS APPROVAL DATE

PROFESSIONAL ENGINEER — Tien Hung Ho — No. C 43990 — Exp. 06/30/09 — CIVIL — STATE OF CALIFORNIA

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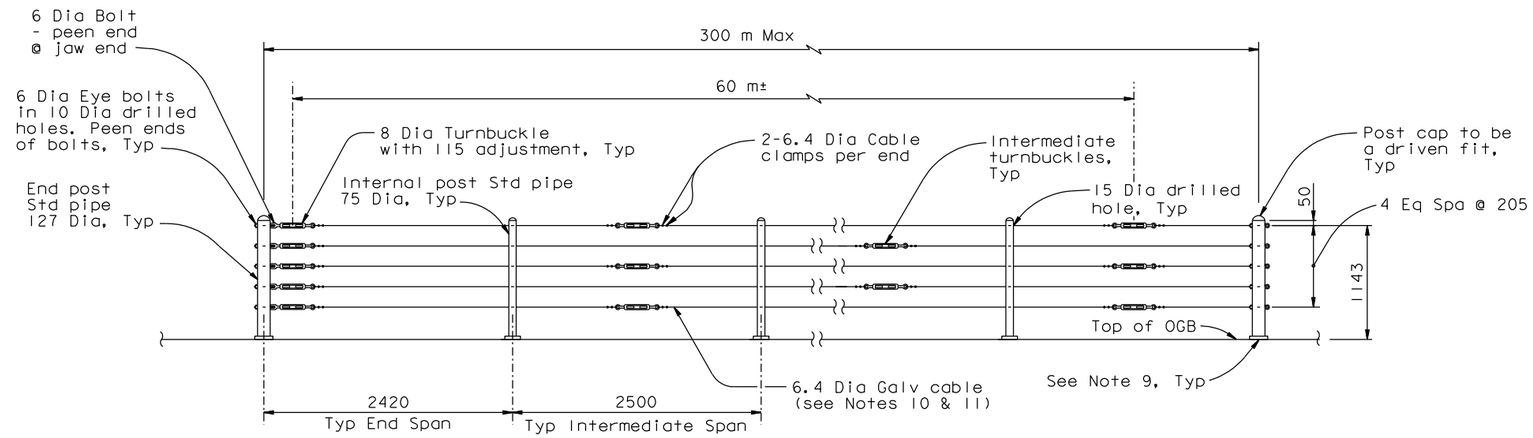
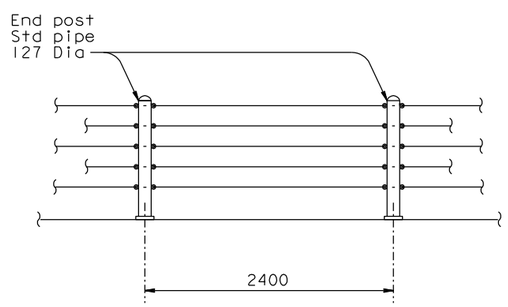
T.Y. LIN / MOFFATT & NICHOL
825 BATTERY STREET
SAN FRANCISCO, CA 94111

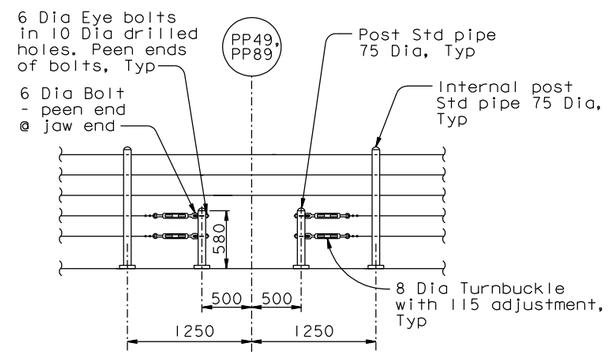
Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov



ELEVATION - TYPICAL



MID-SPAN CABLE BRACING DETAIL



ELEVATION AT UTILITY EXPANSION LOOPS - W2 LINE

CABLE RAILING - W2 LINE (E2 Similar) (See Note 12)

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. 12A" sheet.
10. The bottom cable shall terminate at the vertical posts on either side of the utility pipe expansion loops on the E2 Line.
11. At the Engineer's direction, plastic-coated galvanized cable shall be used.
12. Post spacings are for information only and shall be consistent with existing holes in the deck plates.

100% PS&E

PROFESSIONAL ENGINEER — Daniel J. Turner — No. C 65033 — Exp. 06/30/13 — CIVIL — STATE OF CALIFORNIA

FOR REVISIONS ONLY

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	05/03/12	CABLE RAILING	DT	HT	188
1	02/29/12	CABLE RAILING	DT	GB	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

R. Valizadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
SIGN OFF DATE 05/03/12

Rev. Date: 5-18-98

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

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 224SIR2 OF

FILE => L:\BB\04-012001\SAS\Contract Plans and CCO\CCO\CCO#188\6-Revision 05-03-12\DGN\agdkd06e.dgn

USERNAME => DWinrow DATE PLOTTED => 03 MAY 2012 TIME PLOTTED => 14:29:09