DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	641S2R1	1204

Caltrans Metric

Daniel J. Turner
REGISTERED ENGINEER - CIVIL

02-29-12
PLANS APPROVAL DATE

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

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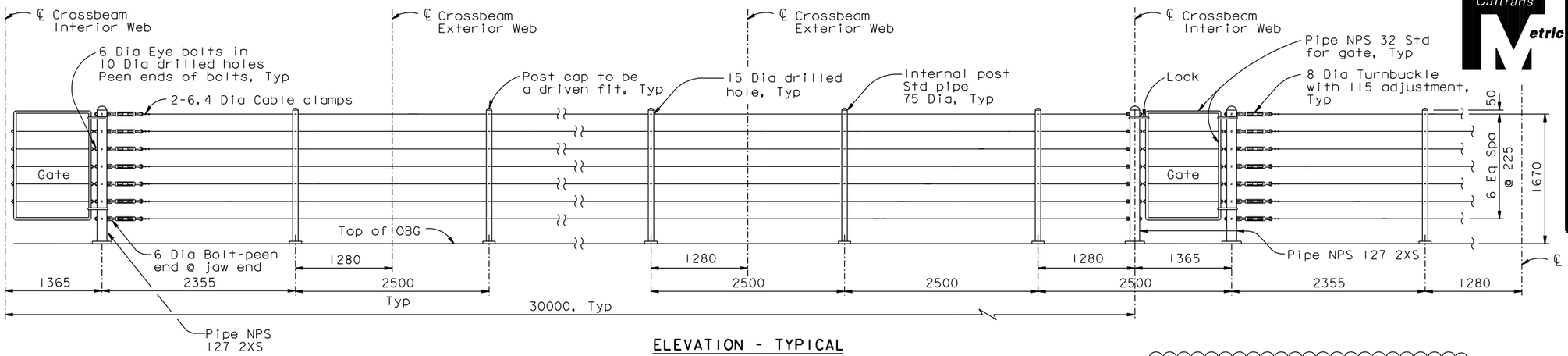
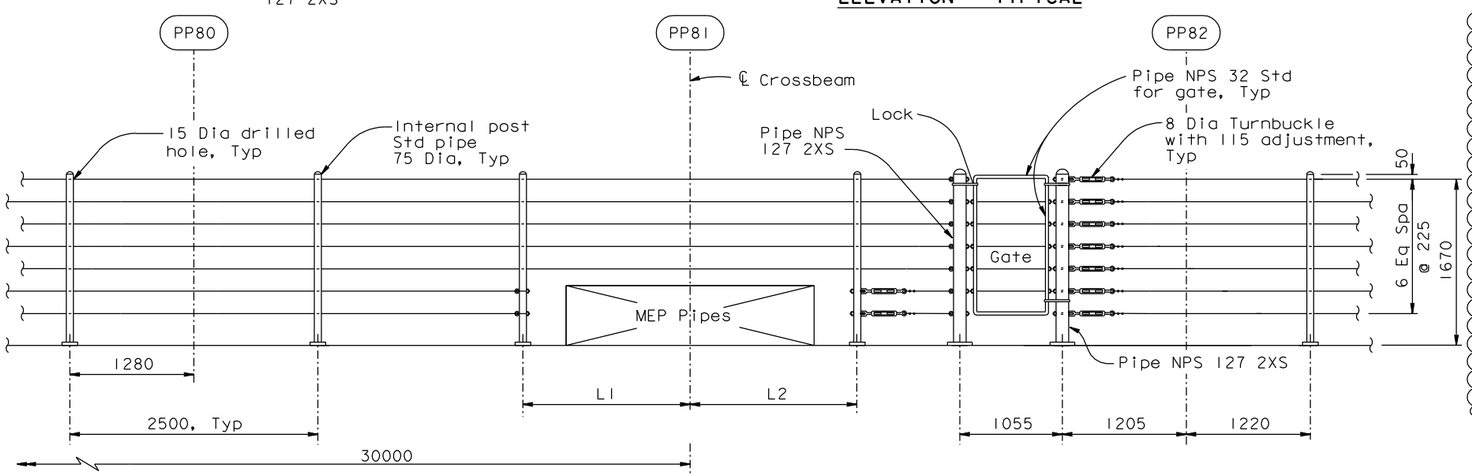
T.Y. LIN / MOFFATT & NICHOL
825 BATTERY STREET
SAN FRANCISCO, CA 94111

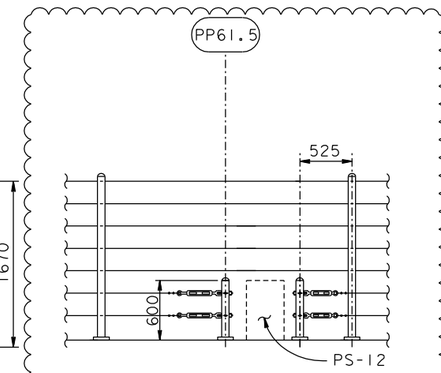
Caltrans now has a web site! To get to the web site, go to: http://www.dot.ca.gov



ELEVATION - TYPICAL

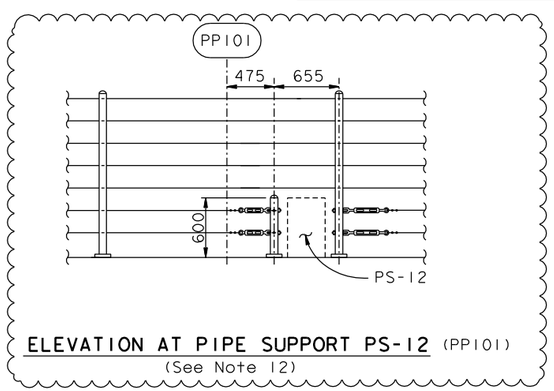


ELEVATION AT UTILITY PIPE EXPANSION LOOPS (PP80-82 W5 Line Shown)

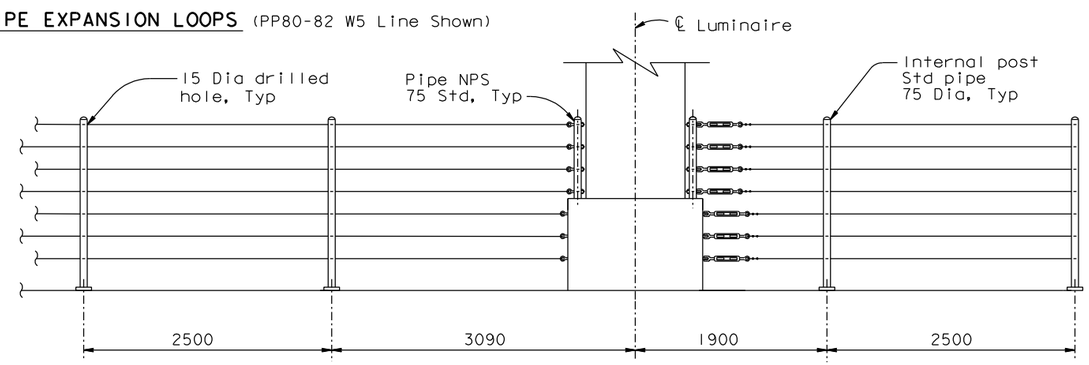


ELEVATION AT PIPE SUPPORT PS-12 (PP61.5)
(See Note 12)

POST SPACING AT EXPANSION LOOPS			
PP	LINE	L1	L2
81	W5	1835	1835
81	E5	1685	1685
126	W5	2320	Eliminate post
126	E5	1885	1885



ELEVATION AT PIPE SUPPORT PS-12 (PP101)
(See Note 12)



ELEVATION AT LUMINAIRE - TYPICAL

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. Post spacing may vary such that the tributary length of a post shall not exceed 3.370 m, subject to review and approval of the Engineer.
11. Post spacings are for information only and shall be consistent with existing holes in the deck plates.
12. For the pipe support PS-12 near PP27, the bottom two cables shall terminate at the nearest internal post.
13. For pipe support details, see "Road plans" sheets.

CONTRACT CHANGE ORDER NO. ____
SHEET ___ OF ___

REQUESTS FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE

CABLE RAILING - W5, E5 LINES (LOOKING NORTH)
1:30 (See Notes 10 & 11)

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	05/03/12	CABLE RAILING	DT	HT	188
0	02/29/12	CABLE RAILING	DT	GB	188

REVISIONS

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

	BY	CHECKED
DESIGN	D. Turner	G. Baker
DETAILS	D. Turner	G. Baker
QUANTITIES	D. Turner	G. Baker

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. 17B

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 02/29/12

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET 224S2R1 OF

FILE => I:\bb\04-012001\sas\contract plans and cco\cco\cco#188\6-revision 05-03-12\dgn\agdkd06f.dgn

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USERNAME => DWinrow DATE PLOTTED => 03 MAY 2012 TIME PLOTTED => 14:31:49