DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	753S3	1204

REGISTERED ENGINEER - CIVIL

04-05-12
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Marwan N. Nader No. C 054426 Exp. 12/31/13 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

TOTAL NOMINAL SHIM HEIGHT (NORTH CABLE)		
PANEL POINT	TOTAL (mm)	
	UPHILL LEG	DOWNHILL LEG
PP 10-14	120	120
PP 16	120	120
PP 18	120	120
PP 20	140	140
PP 22	140	140
PP 24-28	120	120
PP 30	130	130
PP 32-40	120	120
PP 44-46	120	120
PP 48	130	130
PP 50	130	130
PP 52-58	120	120
PP 60	130	130
PP 62	120	120
PP 64	130	130
PP 66	120	120
PP 68	130	130
PP 70-92	170	170
PP 94	174	174
PP 96	170	177
PP 98	175	176
PP 100	175	175
PP 102	171	178
PP 104	112	109
PP 106	115	116
PP 108	126	117
PP 110	131	118

TOTAL NOMINAL SHIM HEIGHT (SOUTH CABLE)		
PANEL POINT	TOTAL (mm)	
	UPHILL LEG	DOWNHILL LEG
PP 10-14	120	120
PP 16	150	150
PP 18	130	130
PP 20	140	140
PP 22	140	140
PP 24-28	120	120
PP 30	140	140
PP 32	120	120
PP 34	140	140
PP 36	120	120
PP 38	130	130
PP 40	120	120
PP 44-50	120	120
PP 52	130	130
PP 54-64	120	120
PP 66	130	130
PP 68	120	120
PP 70-92	170	170
PP 94	173	174
PP 96	172	177
PP 98	172	178
PP 100	173	176
PP 102	176	178
PP 104	112	111
PP 106	116	117
PP 108	128	118
PP 110	129	117

SUSPENDER SOCKET SHIMS

NOTES:

1. For each suspender socket, as shown per "Suspender Bracket Details No.3", "Suspender Bracket Details No.6" & "Suspender Bracket Details No.8" sheets and per the Contractor's approved optional shims, the Contractor shall provide at each Panel Point both EB and WB shims as shown in the thicknesses shown in the Table 1.
2. The shims shall be hot dip galvanized.
3. The Contractor shall use shims of assorted thicknesses to achieve the total shim height shown in the tables.
4. Shim plate thickness shall be a minimum of 6 mm.
5. The total height of the shim stack installed shall be accurate to within: ± 1 mm for PP102 to PP110,
   ± 2 mm for PP10 and PP94 to PP100,
   ± 3 mm for PP12 to PP92.
6. Prior to installation, preassemble shim packs under a compressive force equal to the suspender anchor rod pretension at every panel point to provide the specified nominal shim height to the tolerances stated in Note 5 above. Package and label shim packs by panel point and by uphill or downhill suspender.
7. For shim details, see "Suspender Bracket Details No.2" & "Suspender Bracket Details No.6" sheets.
8. All corners shall be ground smooth prior to galvanization.

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
Reza Valizadeh / Vong Toan / Y. Liu
SIGN OFF DATE 04/05/12

MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
0	04/05/12	SUSPENSION SYSTEM SHIMS	GB	MN	240

REVISIONS

DESIGN	BY G. Baker	CHECKED M. Nader	
DETAILS	BY G. Baker	CHECKED M. Nader	
QUANTITIES	BY G. Baker	CHECKED M. Nader	

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)

SUSPENDER BRACKET DETAILS NO. 10

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) 04/05/12

SHEET 336S3 OF

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