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

DIST.	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
04	SF	80	13.2/13.9	424R1	1204

Caltrans Metric

REGISTERED ENGINEER - CIVIL

12-6-04

PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Marwan N. Nader No. C 054426 Exp. 12/31/07 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

QUANTITIES

4

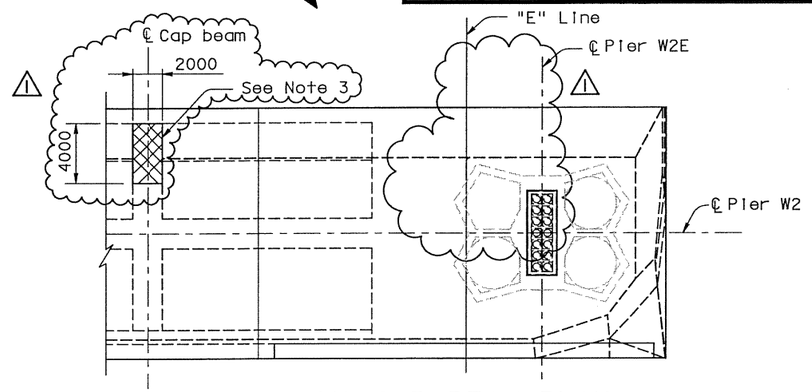
FURNISH TEMPORARY TOWERS	LUMP	SUM
REMOVE TEMPORARY TOWERS	LUMP	SUM
REMOVE SKYWAY TEMPORARY TOWER (AE)	LUMP	SUM
REMOVE SKYWAY TEMPORARY TOWER (AW)	LUMP	SUM
EPOXY ASPHALT CONCRETE AGGREGATE	3,670	TONN
EPOXY ASPHALT BOND COAT AND BINDER	268,000	kg
APPLY EPOXY ASPHALT BOND COAT	32,800	m2
PLACE EPOXY ASPHALT CONCRETE SURFACING	32,800	m2
PRESTRESSING CAST-IN-PLACE CONCRETE (PIER W2)	LUMP	SUM
PRESTRESSING CAST-IN-PLACE CONCRETE (PIER E2)	LUMP	SUM
HIGH STRENGTH PRESTRESSING ROD (75 MM)	LUMP	SUM
CABLE TIEDOWN	LUMP	SUM
STRUCTURAL CONCRETE, BRIDGE	8,200	m3
STRUCTURAL CONCRETE, FENDER	370	m3
FURNISH PRECAST CONCRETE FENDER MODULES	880	m3
ERECT PRECAST CONCRETE FENDER MODULES	8	EA
MINOR CONCRETE (COUNTERWEIGHT)	430	m3
FURNISH POLYESTER CONCRETE OVERLAY (13 MM)	40	m3
PLACE POLYESTER CONCRETE OVERLAY (13 MM)	3,050	m2
FURNISH SPHERICAL BUSHING BEARING (PIER E2)	4	EA
FURNISH AND INSTALL SPHERICAL BUSHING RING BEARING (HINGE K)	4	EA
INSTALL CIRCULAR SEGMENTED BEARING (HINGE A)	16	EA
SEISMIC JOINT (HINGE AW)	LUMP	SUM
SEISMIC JOINT (HINGE AE)	LUMP	SUM
BAR REINFORCING STEEL (BRIDGE)	1,410,000	kg
BAR REINFORCING STEEL (EPOXY COATED) (BRIDGE)	48,500	kg
FURNISH STRUCTURAL STEEL (BRIDGE)	183,000	kg
ERECT STRUCTURAL STEEL (BRIDGE)	183,000	kg
FURNISH STRUCTURAL STEEL (BRIDGE)(TOWER)	13,095,000	kg
ERECT STRUCTURAL STEEL (BRIDGE)(TOWER)	13,095,000	kg
FURNISH STRUCTURAL STEEL (BRIDGE)(TOWER STRUT)	68	EA
FURNISH STRUCTURAL STEEL (BRIDGE) (BOX GIRDER)	29,235,000	kg
ERECT STRUCTURAL STEEL (BRIDGE) (BOX GIRDER)	29,235,000	kg
FURNISH STRUCTURAL STEEL (BRIDGE) (BIKEPATH)	1,273,000	kg
ERECT STRUCTURAL STEEL (BRIDGE) (BIKEPATH)	1,222,000	kg
FURNISH STRUCTURAL STEEL (BRIDGE) (SADDLE)	1,130,000	kg
ERECT STRUCTURAL STEEL (BRIDGE)(SADDLE)	1,130,000	kg
FURNISH AND INSTALL SHEAR KEY (PIER E2)	4	EA
FURNISH STRUCTURAL STEEL (BRIDGE) (PIPE BEAM)	260,000	kg
ERECT STRUCTURAL STEEL (BRIDGE) (PIPE BEAM)	260,000	kg
INSTALL STRUCTURAL STEEL (BRIDGE) (PIPE BEAM)(HINGE AW AND AE)	4	EA
FURNISH STRUCTURAL STEEL (BRIDGE) (PIPE BEAM FUSE)	4	EA
FURNISH PWS CABLE SYSTEM	4,800,000	kg
ERECT PWS CABLE SYSTEM	4,800,000	kg
FURNISH SUSPENDER SYSTEM	650,000	kg
ERECT SUSPENDER SYSTEM	650,000	kg
TOWER SUSPENDER ASSEMBLIES	LUMP	SUM
PLASTIC LUMBER	99	m3
UHMW POLYETHYLENE PANEL (50 MM)	637	m2
CLEAN AND PAINT STRUCTURAL STEEL	LUMP	SUM
CLEAN AND PAINT STRUCTURAL STEEL (TOWER)	LUMP	SUM
CLEAN AND PAINT STRUCTURAL STEEL (BOX GIRDER)	LUMP	SUM
CLEAN AND PAINT STRUCTURAL STEEL (BIKEPATH)	LUMP	SUM
CLEAN AND PAINT STRUCTURAL STEEL (DACROMET)	LUMP	SUM
CLEAN AND PAINT CABLE SYSTEM	LUMP	SUM
MISCELLANEOUS METAL (BRIDGE)	250,000	kg
CHAIN LINK RAILING	130	m
STEEL BARRIER (TYPE 732 MODIFIED)	2,490	m
BIKEPATH RAILING	1,246	m
CABLE RAILING (MODIFIED)	3,000	m
CONCRETE BARRIER (TYPE 732 MODIFIED)	7	m
DEHUMIDIFIER SYSTEM	LUMP	SUM
ELEVATOR	LUMP	SUM
MAINTENANCE TRAVELER	LUMP	SUM
MAINTENANCE TRAVELER (BIKEPATH)	LUMP	SUM
TRAVELER SUPPORT RAIL	398,570	kg
WIND VORTEX GENERATOR PLATES	82	EA

5 5 5

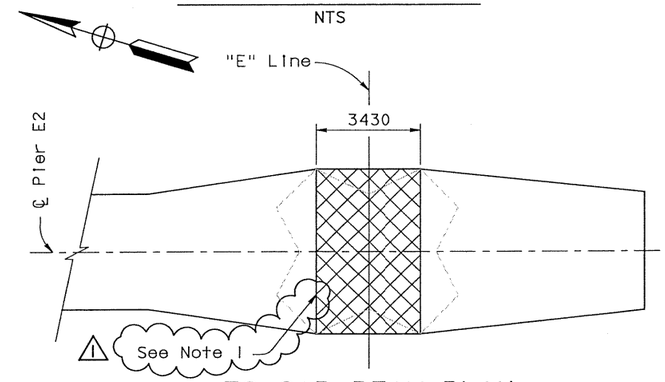
MARK	DATE	DESCRIPTIONS	BY	CH'D	CCO#
1	07/26/07	THERMAL CONTROL PLAN	MN	JD	47

REVISIONS

CONTRACT CHANGE ORDER NO. 47
SHEET 2 OF 2



W2 CAP BEAM PLAN
NTS



5

E2 CAP BEAM PLAN
NTS

DEMONSTRATION POUR FOR MASS CONCRETE

NOTES:

1. Pour depth of the E2 Cap Beam demonstration pour for mass concrete shall equal cap beam depth.
2. R50 insulation shall be used on the north and south faces of the E2 Cap Beam demonstration pour for mass concrete.
3. Pour depth of the W2 Cap Beam demonstration pour for mass concrete shall be 4.6 m.
4. R30 insulation shall be used on the east and west faces of the W2 Cap Beam demonstration pour for mass concrete. (1)

5 **REVISED PER ADDENDUM NO. 5 DATED DECEMBER 21, 2005**

4 **REVISED PER ADDENDUM NO. 4 DATED DECEMBER 9, 2005**

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

100 % PS&E

TIME PLOTTED => 09:46:52
DATE PLOTTED => 26 JUL 2007
USERNAME => alishansk

R. Vallizadeh/V. Toan/Y.L./W.L./F.C.
DESIGN OVERSIGHT
SIGN OFF DATE 07/26/07

	BY	CHECKED
DESIGN	M. Nader	S. Rodriguez
DETAILS	T. Ho	S. Rodriguez
QUANTITIES	D. Harrison	N. Vo

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
(SUPERSTRUCTUTE & TOWER)

GENERAL NOTES NO. 2

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) 05/15/99 08/02/99 05/31/01 04/08/02 07/31/02 12/13/02 09/08/04 11/13/05 12/01/05

SHEET 007R1 OF

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