DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET No	TOTAL SHEETS
04	SF	80	13.2/13.9	866R1	1204

REGISTERED CIVIL ENGINEER DATE

09-15-2006
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER
EFTHYMIOS DELIS
No. 51434
Exp. 6-30-08
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.

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

INDEX TO PLANS 1

SHEET NO.	TITLE
865R1	CROSS SECTION
866R1	INDEX TO PLANS
867R1	DECK PLATE DETAILS NO. 1
868R1	DECK PLATE DETAILS NO. 2
869R1	CHANNEL ASSEMBLY DETAILS NO. 1
870R1	CHANNEL ASSEMBLY DETAILS NO. 2
871R1	SUPPORT PLATE DETAILS
872R1	REINFORCEMENT DETAILS
872S1	CONSTRUCTION SEQUENCE

GENERAL NOTES LOAD FACTOR DESIGN 1

DESIGN:

Bridge Design Specifications (2000 LFD) AASHTO with Interims and revisions by Caltrans)

LIVE LOADING:

HS20-44, Alternative Military and Permit Design loads impact: 75%

STRUCTURAL STEEL:

ASTM A709/A709M Grade 50 [345] unless noted otherwise.

BOLTS:

ASTM A449 galvanized unless noted otherwise.

WELDING:

All structural steel plate interface connections shall be made with continuous complete joint penetration (CJP) welds unless noted otherwise.

SEISMIC LOADING:

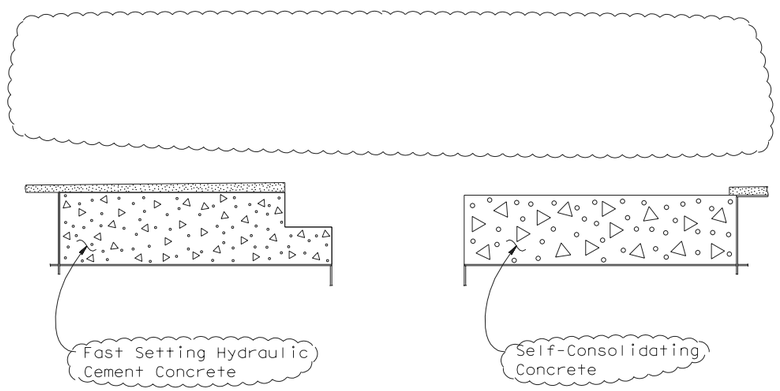
STRUCTURAL CONCRETE:

Mild Steel Reinforcement (ASTM A706) f_y =415 MPa, f_u =738 MPa

MARK	DATE	DESCRIPTIONS	BY	CH'D
1	9/15/06	Sheet numbering/Legend	TD	AK

REVISIONS

CONTRACT CHANGE ORDER NO. 25
SHEET ____ OF ____



LEGEND 1

Epoxy AC Overlay

Fast Setting Hydraulic Cement Concrete (FSHCC)
(f'_{ci} = 14 MPa @ 3 hours
f'_c = 35 MPa @ 56 days)

Self-Consolidating Concrete (SCC) Bridge
(f'_c = 35 MPa @ 56 days)

THE CONTRACTOR SHALL VERIFY ALL CONTROLLING FIELD DIMENSIONS BEFORE ORDERING OR FABRICATING ANY MATERIAL.

Caltrans Metric

	BY	CHECKED
DESIGN	E DELIS	A KARTOUM
DETAILS	A R DUDSAK	A KARTOUM
QUANTITIES	E DELIS	A KARTOUM

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
STRUCTURE DESIGN
SPECIAL DESIGNS BRANCH

BRIDGE NO. 34-0006 L/R
KILOMETER POST 13.2/13.9

SAN FRANCISCO OAKLAND BAY BRIDGE
EAST SPAN SEISMIC SAFETY PROJECT
SELF-ANCHORED SUSPENSION BRIDGE
(SUPERSTRUCTURE & TOWER)
SEISMIC JOINT (HINGE A)
INDEX TO PLANS

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN

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 1/24/06 8/18/06 10/30/06

SHEET 449R1 OF

FILE => spec_des_br_proj/04-0120F1/$REQUEST

STRUCTURES DESIGN DETAIL SHEET (METRIC) (REV.03-17-04)

TIME PLOTTED => $TIME
DATE PLOTTED => $DATE
USERNAME => $USER

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