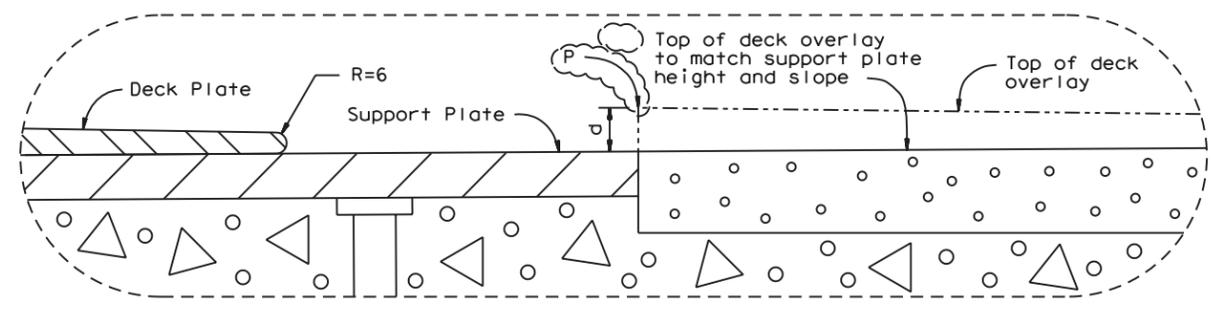
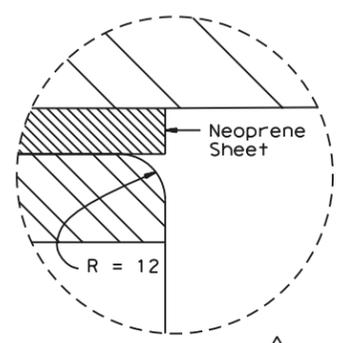


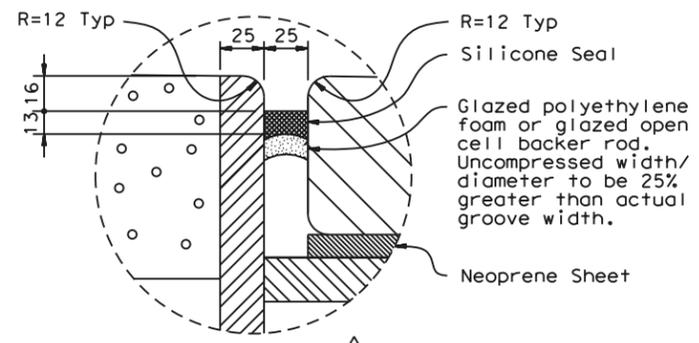
ELEVATION $\Delta 2$
SCALE = 1:10



DETAIL E $\Delta 2$
SCALE = 1:2



DETAIL G $\Delta 1$
SCALE = 1:1



DETAIL H $\Delta 1$
SCALE = 1:2

JOINT INFORMATION $\Delta 2$			
LOCATION		HINGE AE	HINGE AW
SKEW (°)		0	0
DECK PLATE	Thickness t_d (mm)	90	90
	Length L_p (mm)	3300	3300
SUPPORT PLATE	Thickness t_s (mm)	32	32
	Length L_s (mm)	1900	1900
SEISMIC GAP @ 20°	(mm)	1200	1200
MAXIMUM DECK GRIND	d (mm)	25	25
P (See DETAIL E)	STA	62+04.188	62+14.885
	ELEV	48.635	49.444
	L_o (mm)	± 1300	± 1300

- NOTES: $\Delta 2$
- K is defined as the intersection point between the top of deck slope and the top of the support plate slope and L_o is the transition length.
 - Use caulking or sealant between gutter and concrete.
 - Seismic joint to be used in conjunction with closure pour. Closure pour shall not be placed until final deck surface is within the tolerance specified.
 - Thirty-Seven mm holes in neoprene sheets shall be drilled or punched so that the neoprene is not distorted at the time of installation. See "CHANNEL ASSEMBLY DETAILS NO. 2" sheet.
 - For deck plate details see "DECK PLATE DETAILS NO. 1" and "DECK PLATE DETAILS NO. 2" sheets.
 - For mild reinforcement in blockout areas, see "REINFORCEMENT DETAILS" sheet. Not all mild reinforcement is shown for clarity.
 - For channel assembly details, see "CHANNEL ASSEMBLY DETAILS NO. 1" and "CHANNEL ASSEMBLY DETAILS NO. 2".
 - Place deck plate, support plate and channel assembly so that full bearing is achieved between i) deck and support plates and ii) deck plate and channel assembly.
 - Self-consolidating concrete shall be used in support plate blockout.
 - Fast setting hydraulic cement concrete shall be used in channel assembly blockout.
 - Catwalk for maintenance crew within seismic gap not shown.
 - Gutter shall be placed on the same side as the support plate, 75 mm minimum from the deck plate, at a 2% slope.
 - For support plate details see "SUPPORT PLATE DETAILS" sheet.
 - The top deck overlay within the seismic joint limits may be substituted by either Fast Setting Hydraulic Cement, or Self-Consolidating Concrete, or Structural Concrete Bridge with minimum $f_c = 35$ MPa at 28 days.

MARK	DATE	DESCRIPTIONS	BY	CH'D
$\Delta 2$	12/18/07	Joint improvements	TD	AK
$\Delta 1$	9/15/06	Joint improvements	TD	AK

REVISIONS

CONTRACT CHANGE ORDER NO. 25
SHEET ___ OF ___

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



DESIGN	BY E DELIS	CHECKED A KARTOUM
DETAILS	BY A R DUDSAK	CHECKED A KARTOUM
QUANTITIES	BY E DELIS	CHECKED 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)
CROSS SECTION

ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN



CU 04
EA 0120F1

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES	SHEET	OF
1/2/06 8/18/06 10/20/06 1/7/08	448R2	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