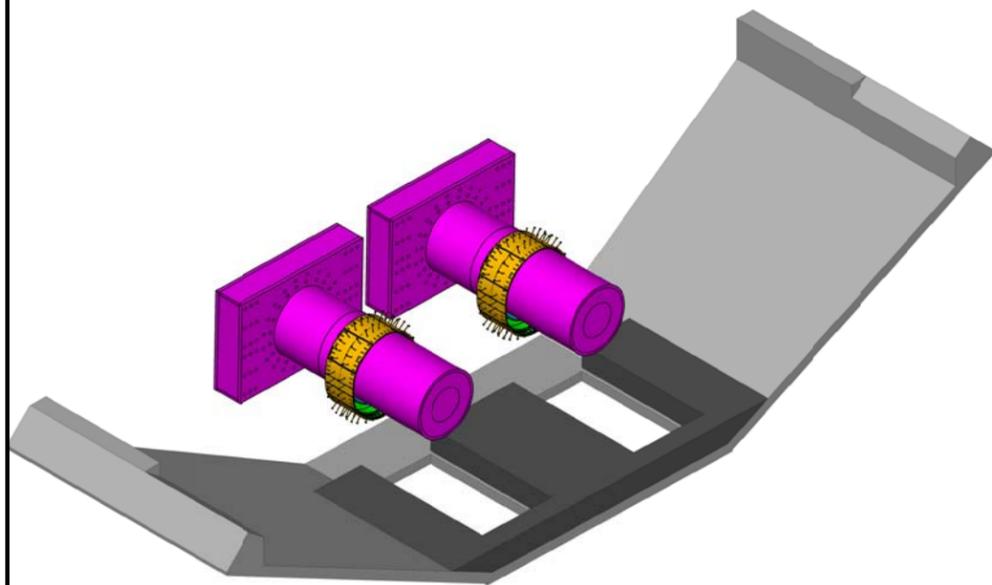
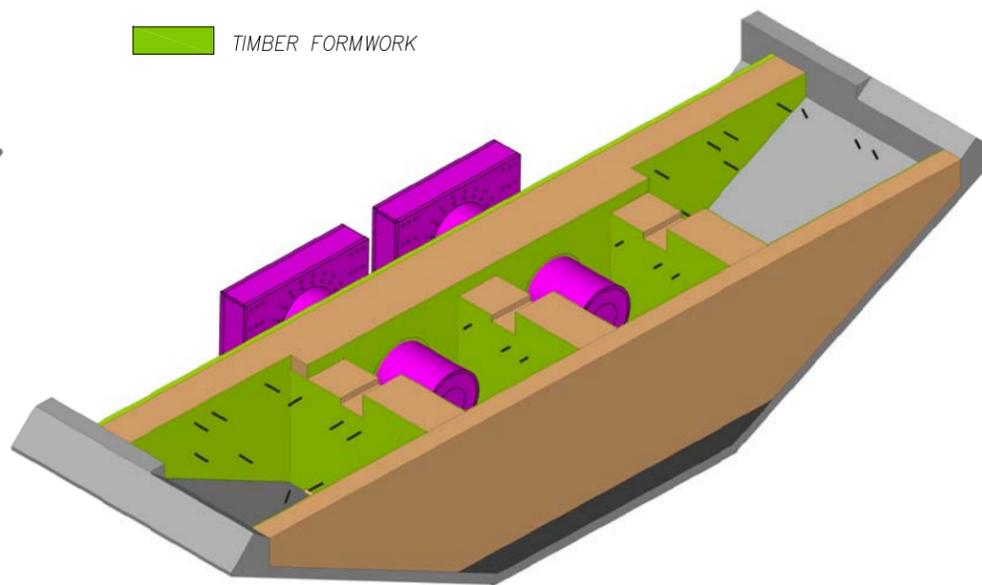


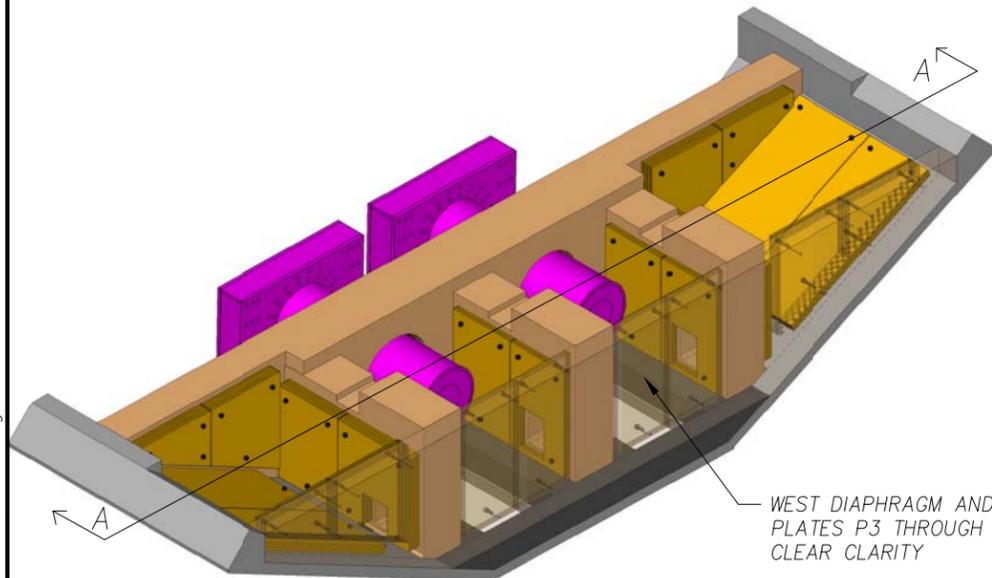
Mar 28, 2012 - 11:55am C:\Users\dmcnichol\Desktop\Hinge KW BALLAST3.dwg



POUR 1 - BOTTOM SOFFIT AND LONGITUDINAL STEM BASE

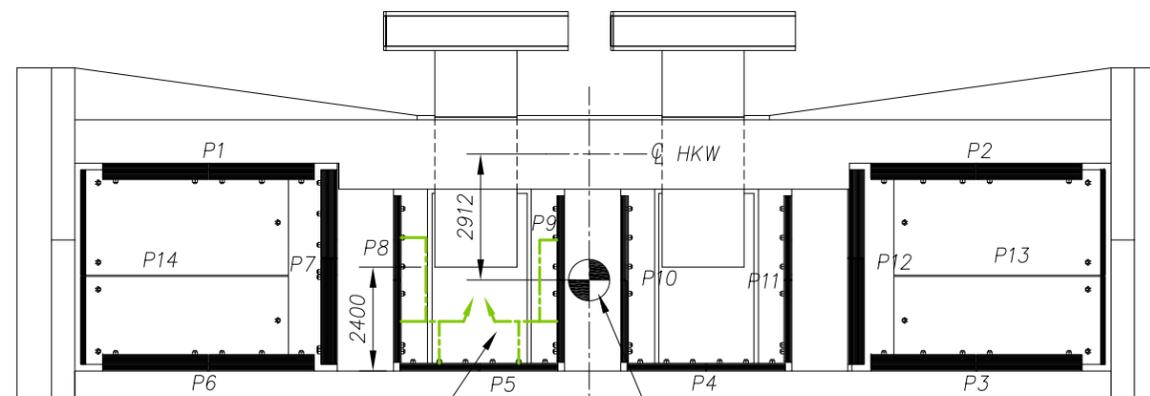


POUR 2 - LONG. AND TRANSVERSE STEM WALLS - WITH TIMBER FORMWORK

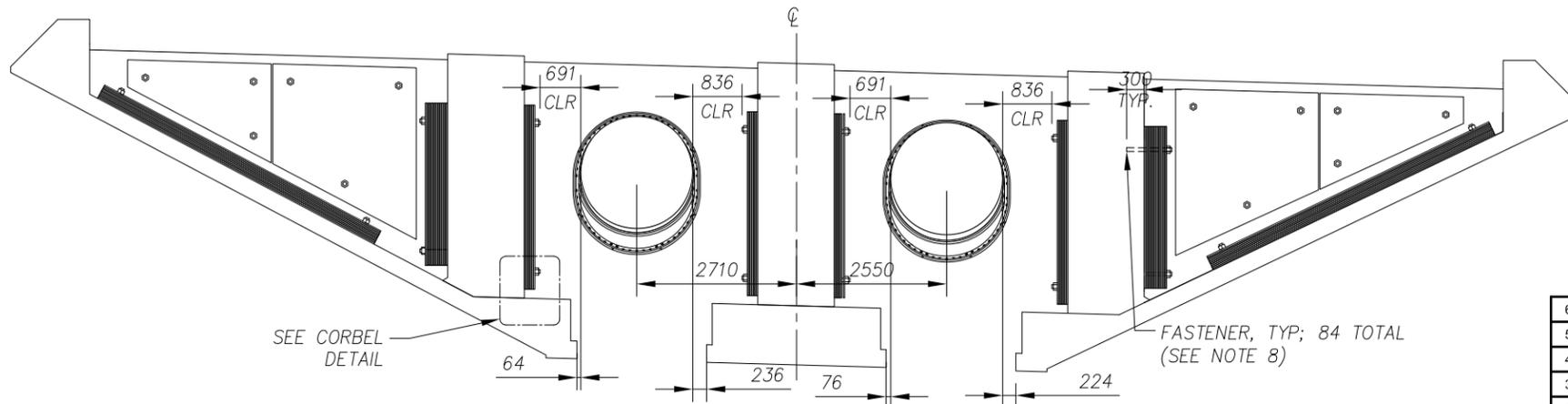


WEST DIAPHRAGM AND BALLAST PLATES P3 THROUGH P6 SHOWN CLEAR CLARITY

REMOVE ALL FORMWORK AND HANG STEEL PLATES AS BALLAST; 794 KIP AS SHOWN



PLAN
PLATE LAYOUT (SEE TABLE 1.0 FOR WEIGHTS)



SECTION A-A

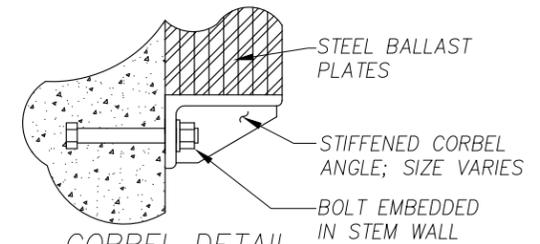
NOTES:

1. ABF FALSEWORK TO BE REMOVED PRIOR TO INSTALLING BALLAST PLATES. THIS ASSUMES THAT THE STEM WALL POUR IS CURED AND SUPPORTS THE STRUCTURE AND BALLAST COMPONENTS AT THIS STAGE.
2. ALL EXPOSED STEEL SHALL HAVE A PRIMER COAT APPLIED.
3. ALL STEEL BALLAST PLATES SHALL BE CONSIDERED MISC. STEEL AND FABRICATED PER AWS D1.1.
4. ACCESS CUT-OUTS IN BALLAST PLATES ARE INCLUDED IN WEIGHT TAKE-OFF.
5. ALL BALLAST PLATE FASTENER LOCATIONS EMBEDDED IN STEM WALLS SHALL BE KNOWN PRIOR TO BALLAST PLATE FABRICATON.
6. TOTAL BALLAST PLATE WEIGHTS AT LOCATIONS P13 AND P14 ARE LESS THAN MAX ALLOWABLE WEIGHT AT BOTTOM SOFFIT WINGS.
7. 152mm (6") CLEARANCE IS PROVIDED BETWEEN EDGES OF BALLAST PLATE AND PERMANENT STRUCTURE AT MOST LOCATIONS.
8. VERTICAL PLATE LOAD IS SUPPORTED BY THE CORBEL. DIA. OF FASTENER SHALL BE AS REQUIRED TO FASTEN PLATES TO PERMANENT STRUCTURE AND RESIST SEISMIC LOADS.

MARK	QTY	A WT (KIP)	B WT (KIP)
P1	15	37	17
P2	15	36	17
P3	15	36	17
P4	7	21	21
P5	7	21	21
P6	15	37	17
P7	15	37	39
P8	7	19	15
P9	7	19	15
P10	7	19	15
P11	7	19	15
P12	15	37	39
P13	10	57	47
P14	10	57	47
TOTAL	152	452	342
TOTAL BALLAST PL WT		794	

TABLE NOTE:

EACH 'P' LOCATION IS SPLIT INTO TWO PLATES A & B WITH A MAXIMUM WIDTH OF 2438mm (8'-0") FOR FABRICATION AVAILABILITY. TOTAL NUMBER OF INDIVIDUAL PLATES IS TWICE THAT SHOWN IN THE TABLE.



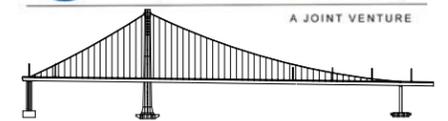
CORBEL DETAIL
(SEE NOTE 8)

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION
CONTRACT NO. 04-0120F4
BRIDGE NO. 34-0006L/R

DISTRICT 04	COUNTY SF	ROUTE 80	KILOMETER POST 13.2 / 13.9
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SAN FRANCISCO OAKLAND BAY BRIDGE
EAST SPAN SEISMIC SAFETY PROJECT
SELF ANCHORED SUSPENSION BRIDGE
(SUPERSTRUCTURE AND TOWER)

HINGE K CLOSURE POUR
HINGE KW STEEL BALLAST OPTION
ISOMETRICS & DETAILS



Made By: D. MCNICHOL Date: 03/27/2012

Checked By: Date:

In Charge Of: M. MACDONALD

Job No. 660110	Sheet No. SK-HKW01
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Scale: NTS Revision: B

6			
5			
4			
3			
2			
1	3/27/2012	D.M.	DELETE STEEL FORMWORK, REVISE PLATES
REV	DATE	BY	DESCRIPTION

DRAFT - FOR INFORMATION ONLY