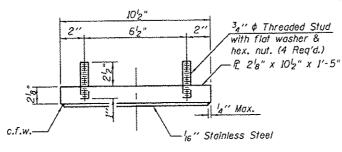
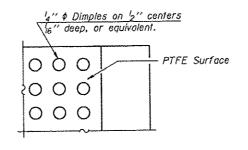


SECTION A-A

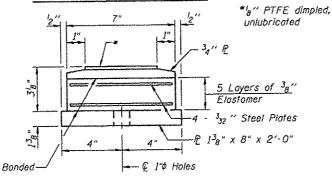
TYPE II ELASTOMERIC EXP. BRG. - S. ABUT.

(5 Reg'd)

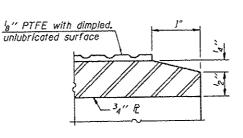




TOP BEARING ASSEMBLY

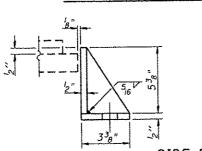


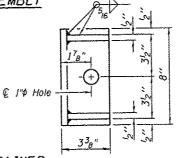
PLAN-PTFE SURFACE

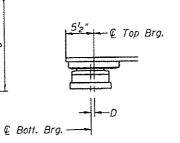


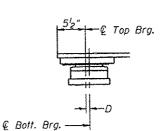
SECTION THRU PTFE

BOTTOM BEARING ASSEMBLY









SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.

BELOW 50°F.

ABOVE 50°F. (Move bott, brg. away from fixed brg.) (Move bott, brg. toward fixed brg.)

SETTING ANCHOR BOLTS AT EXP. BRG.

 $D=^{l}e^{\prime\prime}$ per each 100' of expansion for every 15° temp. change from the normal temp. of 50°F.

SHIM PLATE THICKNESS "I"

Beam No.	1	2	3	4	5
"!"			38"		

Notes:

Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

Anchor bolts for Type II bearings shall be placed in holes drilled in the concrete through holes in the bottom bearing plate after members are in place. Side retainers shall be placed after bolts are installed.

Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications. Side retainers and other steel members required for

the elastomeric bearing assembly shall be included in the cost of Elastomeric Bearing Assembly, Type II.

The '8" PTFE sheet shall be bonded directly to the top steel plate with a two-component, medium viscosity epoxy resin, conforming to the requirements of the Federal Specification MMM-A-134, Type 1. The bond agent shall be applied on the full area of the contact surfaces.

Bonding of '8" PTFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.

Two 8" adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type II	Each	5
Anchor Bolts. 34"	Each	10

1-2F-2

1-27-12

1 2 2 6 6	1 c. 1 2		
FILE NAME >	USER NAME + ashow	DESIGNED - A.R.K.	REVISED -
H-194_BEARING.dgn		CHECKED - J.A.M.	REVISEO -
11.7.22.11.11.11.11.11.11.11.11.11.11.11.11.	PLOT SCALE . *SCALEL*	DRAWN - A.D.S.	REVISEO -
1	PLOT DATE . 3/29/2013	CHECKED - A.R.K.	REVISED -

FEHR GRAHAM ENGINEERING & ENVIRONMENTAL

FREEPORT, IL ROCKFORD, IL ROCHELLE, IL SPRINGFIELD, II MENROE, YI

BEARING DETAILS **STRUCTURE NO. 043-3008** SHEET NO. 12 OF 25 SHEETS

TOTAL SHEE C.H. SECTION COHNTY JODAVIESS 34 17 4 11-00138-00-BR CONTRACT NO. 85585 ILLINOIS FEO. AID PROJECT