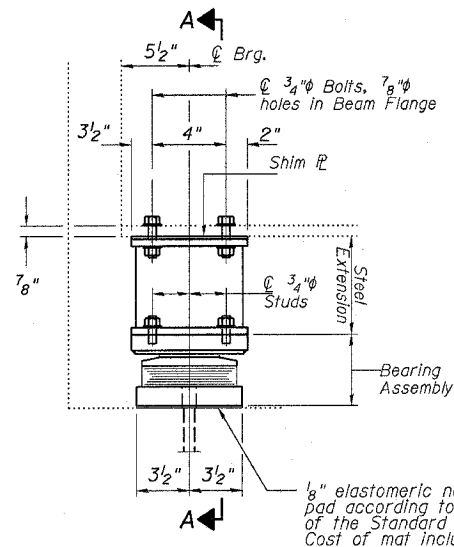
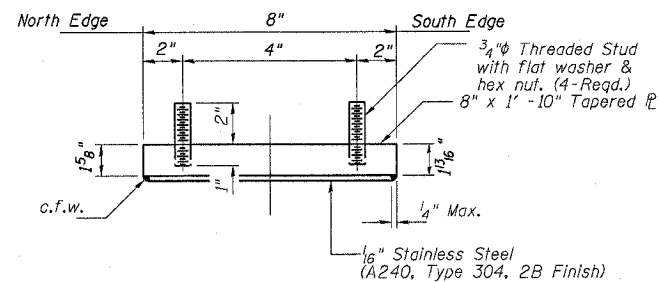


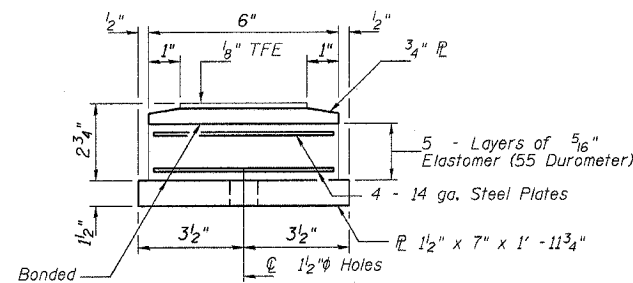


ELEVATION AT NORTH ABUTMENT

TYPE II TFE ELASTOMERIC EXP. BRG.

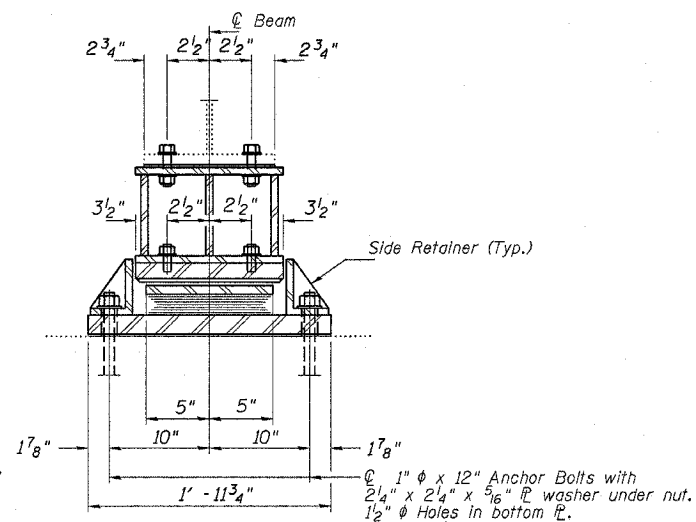


TOP BEARING ASSEMBLY

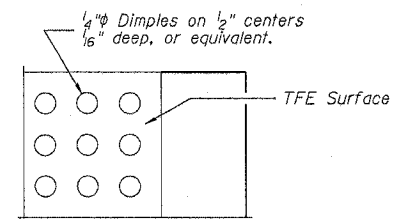


BOTTOM BEARING ASSEMBLY

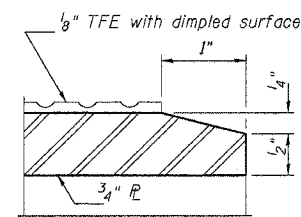
TYII/REPS 8-20-2002



SECTION A-A



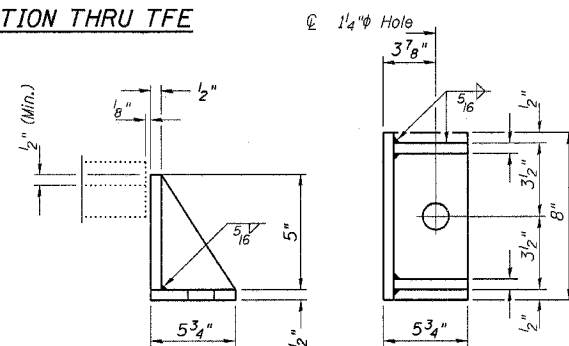
PLAN-TFE SURFACE



SECTION THRU TFE

Note: The 1/8" TFE 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 I. The bond agent shall be applied on the full area of the contact surfaces.

Bonding of 1/8" TFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.



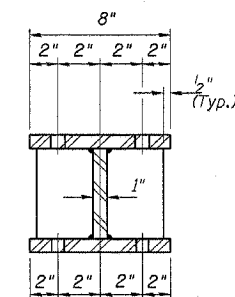
SIDE RETAINER

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

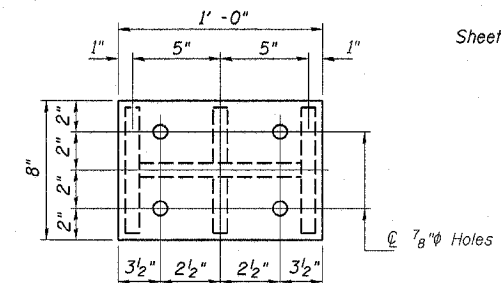
BEAM REACTIONS

R _L	(K)	11.6
R _T	(K)	28.7
Imp.	(K)	8.6
R (Total)	(K)	48.9

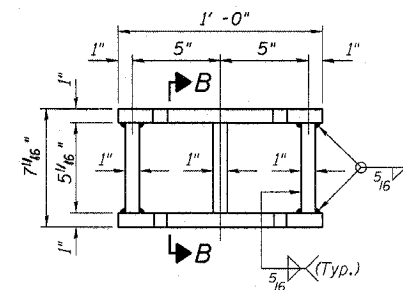
Notes:
 Diaphragm removal and reinstallation may be required to facilitate drilling holes. Cost included with Furnishing and Erecting Structural Steel.
 New steel extensions, side retainers, shim plates, connection bolts, and anchor bolts are included with Furnishing and Erecting Structural Steel.
 See Sheet of for Anchor Bolt installation.
 Prior to ordering any material, the Contractor shall verify in the field all bearing height and shim thickness dimensions.
 Min. Jack capacity = 25 Tons.



SECTION B-B



PLAN TOP AND BOTTOM PLATE

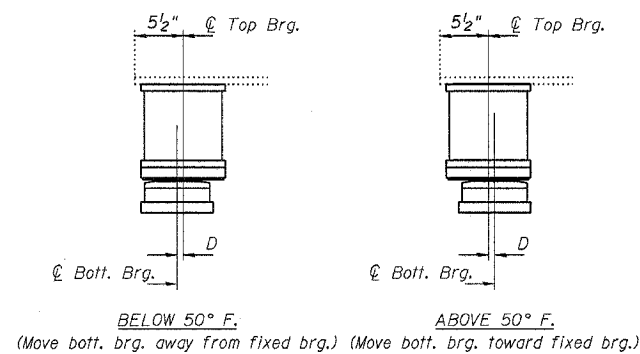


STEEL EXTENSION DETAIL

For existing bearing removal detail, see sheet 4 of 7

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type II	Each	5
Jack and Remove Existing Bearings	Each	5
Furnishing and Erecting Structural Steel	Pound	735



SETTING ANCHOR BOLTS AT EXP. BRG.

D = 1/8" per each 100' of expansion for every 15° temp. change from the normal temp. of 50°F.

North Abutment
 Elastomeric Bearings
 FAI Route 80 Section (37-5HB-2)M
 Henry County
 Structure No. 037-0116
 TR 375N over Interstate 80