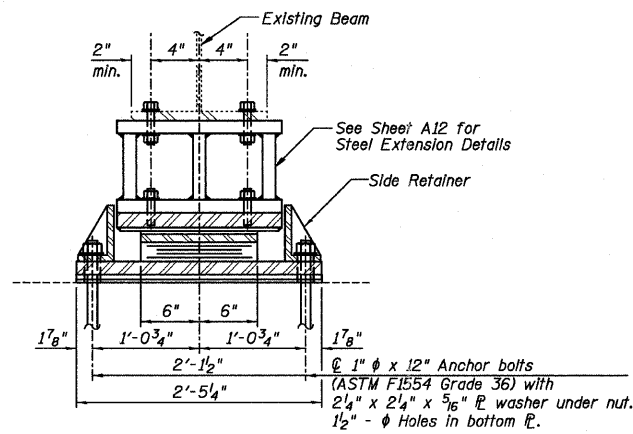
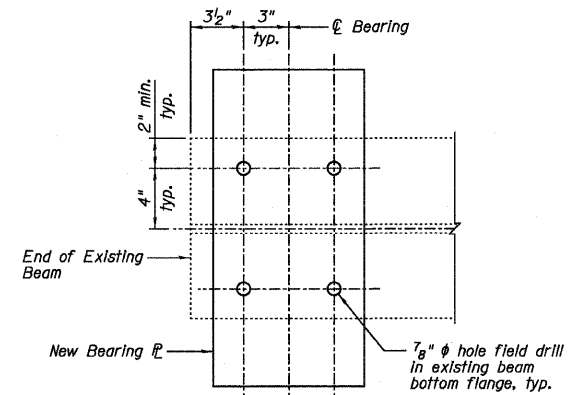


ELEVATION AT EAST ABUT.

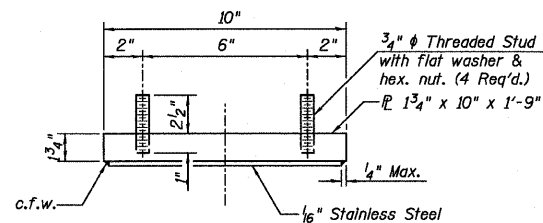


SECTION A-A

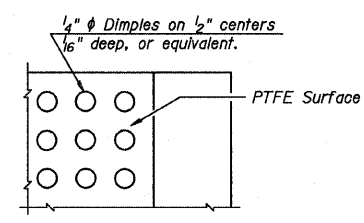


PLAN VIEW B-B

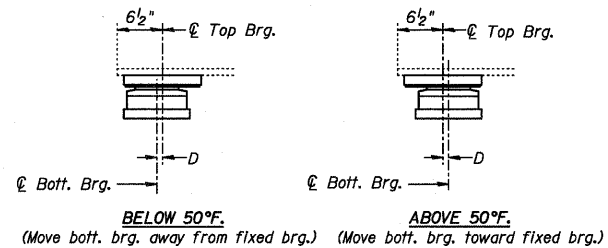
TYPE II ELASTOMERIC EXP. BRG.



TOP BEARING ASSEMBLY

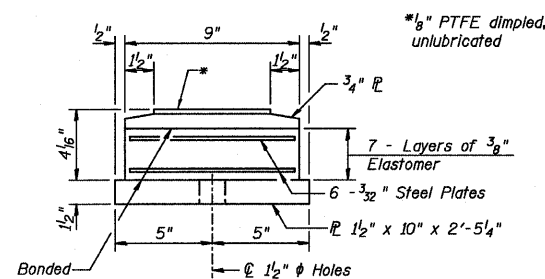


PLAN-PTFE SURFACE

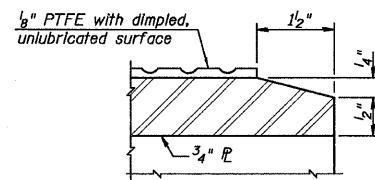


SETTING ANCHOR BOLTS AT EXP. BRG.

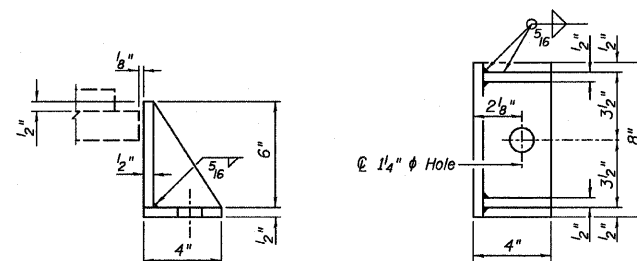
D=1/8" per each 100' of expansion for every 15° temp. change from the normal temp. of 50°F.



BOTTOM BEARING ASSEMBLY



SECTION THRU PTFE



SIDE RETAINER

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

Notes:

Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

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

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

BILL OF MATERIAL

ITEM	UNIT	082-0167	082-0168	TOTAL
Furnishing and Erecting Structural Steel	Pound	220	220	440
Anchor Bolts, 1"	Each	24	24	48
Elastomeric Bearing Assembly, Type II	Each	12	12	24

NOTES:

- Two 1/8 in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.
- See Special Provisions for Jacking and Removing procedures for existing bearings.
- Prior to ordering any material, the Contractor shall verify in the field all bearing height and shim thickness dimensions.
- Steel extensions, shim ∅ and connection bolts shall be paid for as "Furnishing and Erecting Structural Steel". For steel extensions, see Bill of Material on Sheet A12.
- Minimum jack capacity = 64 tons.