



Diaphragm removal and reinstallation may be required to facilitate drilling holes. Cost included with Furnishing and Erecting Structural Steel.

New steel extensions, shim plates and connection bolts are included with Furnishing and Erecting Structural Steel. Prior to ordering any material, the Contractor shall verify

in the field all bearing height and shim thickness dimensions. \mathbb{m}^{T} Min. jack capacity = 30 Tons.

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.

Anchor bolts at fixed bearings may be either cast in place or installed in holes drilled after the supported member is in place.

Anchor bolts for Type II bearings shall be placed in holes drilled through 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 for Type I bearings shall be included in the cost of Elastomeric Bearing Assembly, Type I.

Side retainers for Type II bearings shall be included in the cost of Elastomeric Bearing Assembly, Type II. The '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 ¹8" TFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.



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.

 $D = \frac{l_g}{g}$ per each 100' of expansion for every 15° temp change from the normal temp. of 50°F.



SIDE RETAINER Equivalent rolled anale with stiffeners will be allowed in lieu of welded plates.







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