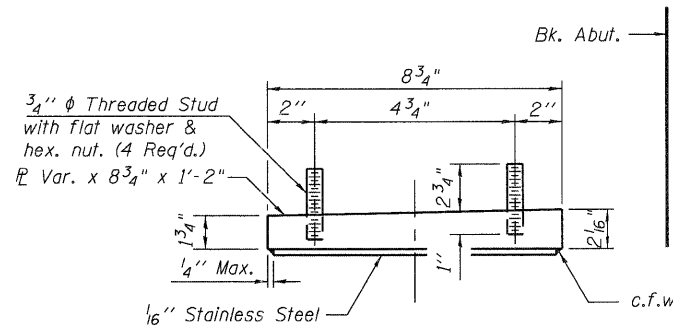
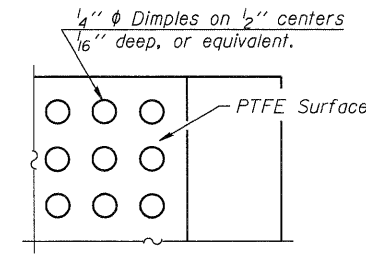
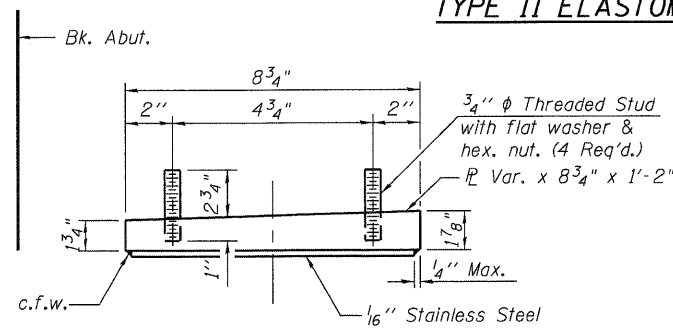


**TYPE II ELASTOMERIC EXP. BRG.**



**TOP BEARING ASSEMBLY AT WEST ABUT.**

**PLAN-PTFE SURFACE**

**TOP BEARING ASSEMBLY AT EAST ABUT.**

**EXISTING BEARING ASSEMBLY REMOVAL DETAIL**

Cribbing required during new bearing seat construction will not be paid for separately, but will be included with Jack and Remove Existing Bearings.

**JACK AND REMOVE EXISTING BEARINGS PROCEDURE**

1. The Contractor shall submit for approval by the Engineer plans for jacking and removal prior to commencing any work at the bearings.
2. Jacking and removing existing bearings shall be done after existing deck removal is completed and prior to pouring of new deck.
3. The Maximum Dead Load Reaction with deck removed (per bearing) at each abutment is 8 kips. Minimum jack capacity is 16 kips (8 ton).
4. The new bearings shall be in place and the jacks shall be lowered prior to forming and pouring the new deck.

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.

Anchor bolts for new bearing assembly or side retainers should be located such that the distance from center of existing anchor bolt to center of proposed anchor bolt is not less than 2 1/4".

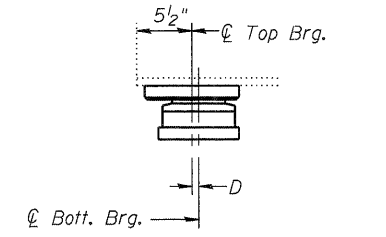
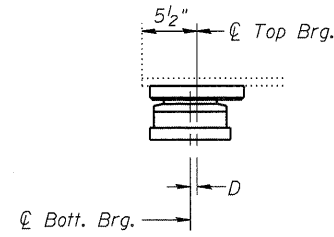
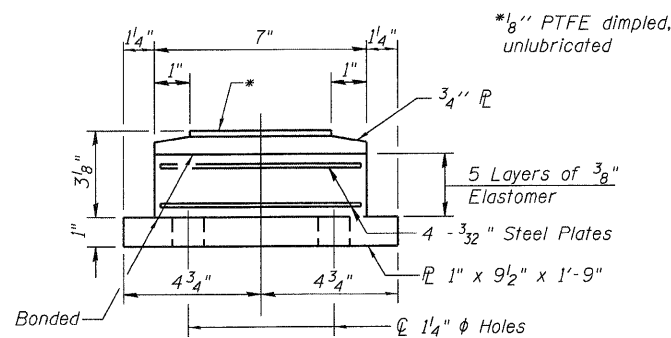
The 1/8" PTFE sheet shall be bonded directly to the top steel plate with a two-component, medium viscosity epoxy resin, conforming to the requirements of the Federal Specification MMM-A-134, Type I. The bond agent shall be applied on the full area of the contact surfaces.

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.

Two 1/8" 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	12
Anchor Bolts, 3/4"	Each	48
Jack and Remove Existing Bearing	Each	12



**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.

