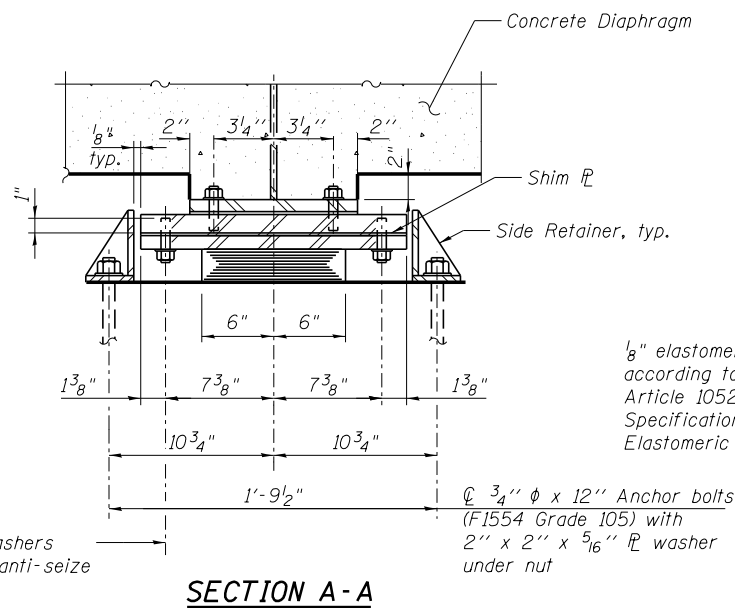


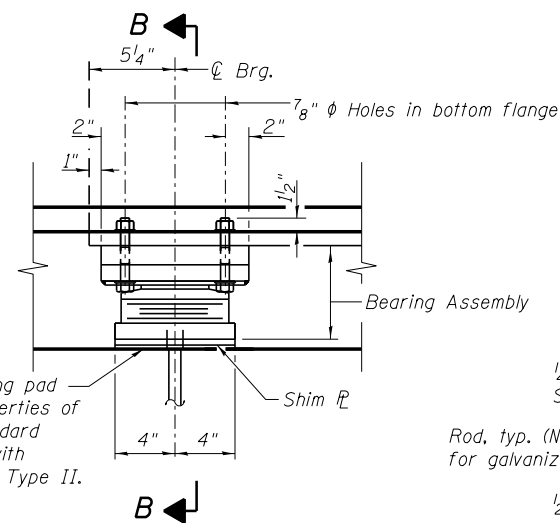
**ELEVATION**

2-3/4" φ H.S. Bolts w/lock washers (Typ. ea. side) (Coat bolts with anti-seize compound)  
Tapped holes in top flange:  
7/8" φ holes in bearing flange



**SECTION A-A**

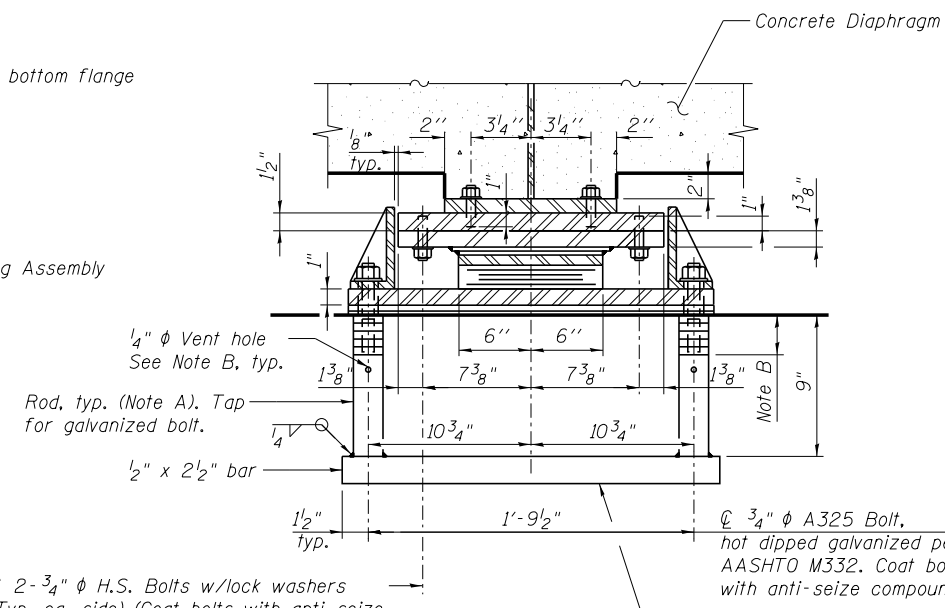
1/8" elastomeric neoprene leveling pad according to the material properties of Article 1052.02(a) of the Standard Specifications. Cost included with Elastomeric Bearing Assembly, Type II.



**ELEVATION AT ABUT.**

Note A:  
ASTM A572 Gr. 50, A588 or similar material with  $F_y \geq 50$  ksi.  
Rod dia. = 1/2"

Note B:  
Bolt engagement 1/4" min., 1 3/8" max., allowing up to 3/8" adjustment shims. Tap full threads in rod 1 3/4" deep. Provide 1/4" φ galvanized vent hole below full thread.

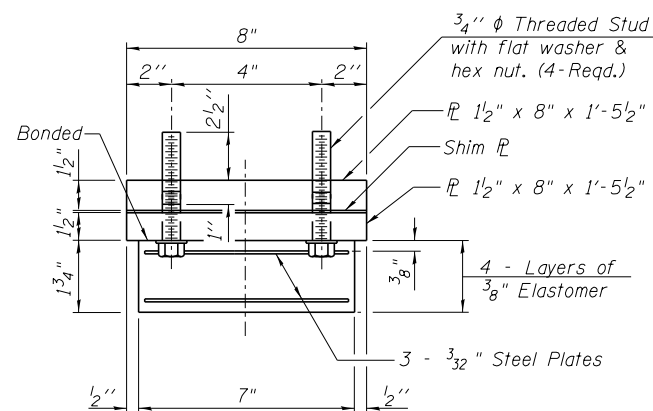


**SECTION B-B**

2-3/4" φ H.S. Bolts w/lock washers (Typ. ea. side) (Coat bolts with anti-seize compound) Tapped holes in top flange:  
7/8" φ holes in bearing flange

Anchorage assembly to be galvanized after fabrication according to AASHTO M III or M232 (as applicable). Anchorage assembly shall be paid for as Structural Steel.

**TYPE I ELASTOMERIC EXP. BRG. SOUTH ABUTMENT**



**BEARING ASSEMBLY**

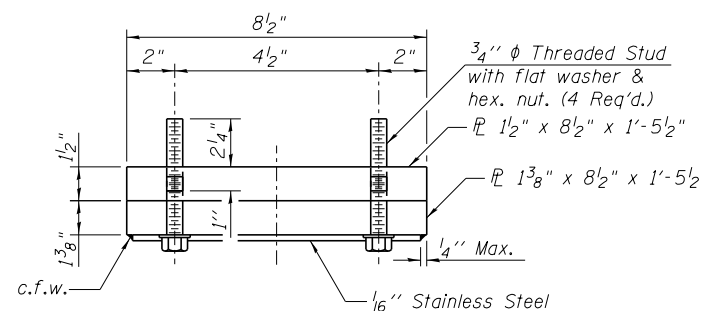
Note:  
Shim plates shall not be placed under Bearing Assembly.

**BILL OF MATERIAL**

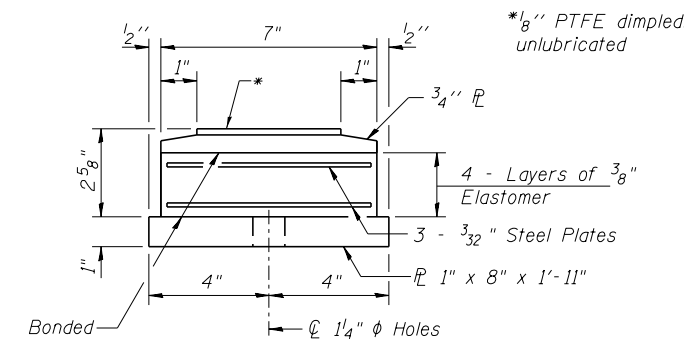
Item	Unit	Total
Elastomeric Bearing Assembly, Type I	Each	1
Elastomeric Bearing Assembly, Type II	Each	1
Anchor Bolts, 3/4"	Each	2

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 I side retainers may be cast in place or installed in holes drilled before or after members are in place.  
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 I or 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.  
The structural steel plates of the Bearing Assembly shall conform to the requirements of AASHTO M 270 Grade 50.  
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.

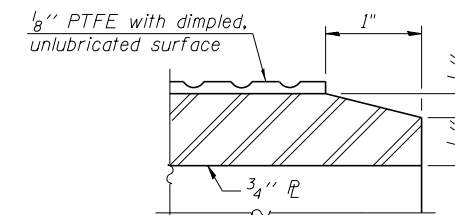
**TYPE II ELASTOMERIC EXP. BRG. NORTH ABUTMENT**



**TOP BEARING ASSEMBLY**

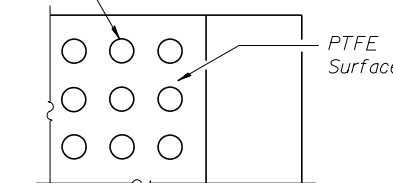


**BOTTOM BEARING ASSEMBLY**

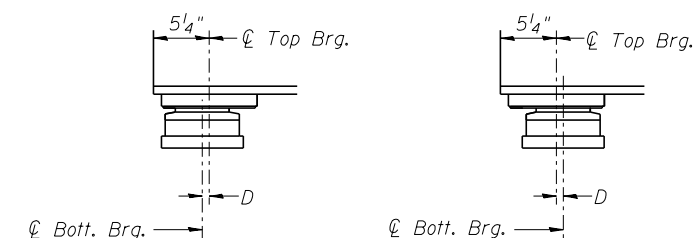


**SECTION THRU PTFE**

1/4" φ Dimples on 1/2" centers 1/16" deep, or equivalent.



**PLAN-PTFE SURFACE**



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

**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.