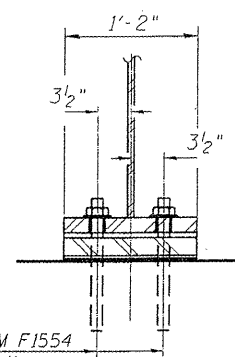
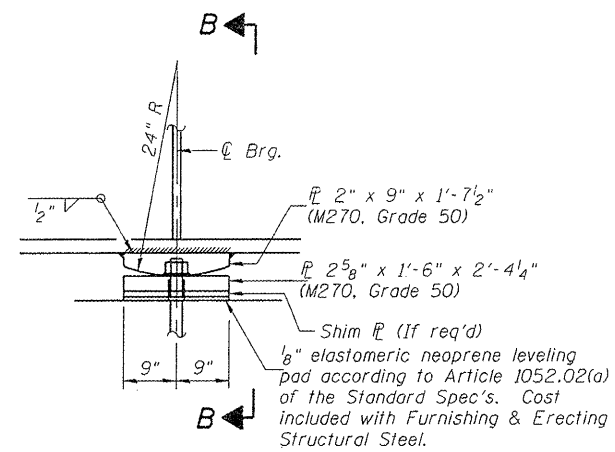


**ELEVATION AT ABUTMENT**

**FIXED BEARING AT ABUTMENTS**  
(24 Required)

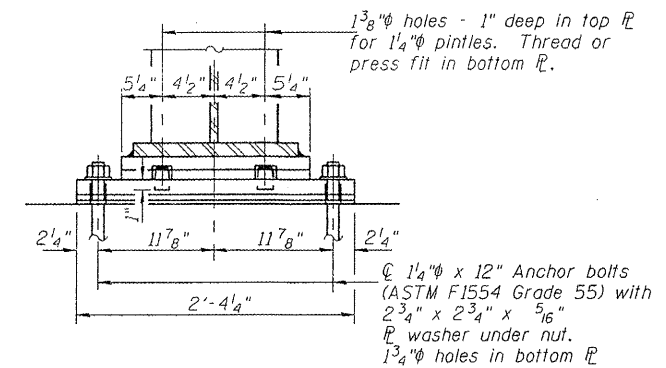


**SECTION A-A**

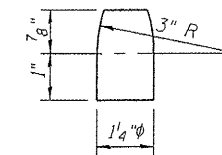


**ELEVATION AT PIER**

**FIXED BEARING AT PIER**  
(12 Required)



**SECTION B-B**



**PINTLE**  
(M270, Grade 50)

**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=36 ksi). 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.

Anchors shall be set and grout cured for a minimum of 24 hours prior to forming the bridge deck.

Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

All bearing plates shall be AASHTO M270, Grade 50.

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
Anchor Bolts, 1"	EACH	48
Anchor Bolts, 1 1/4"	EACH	24