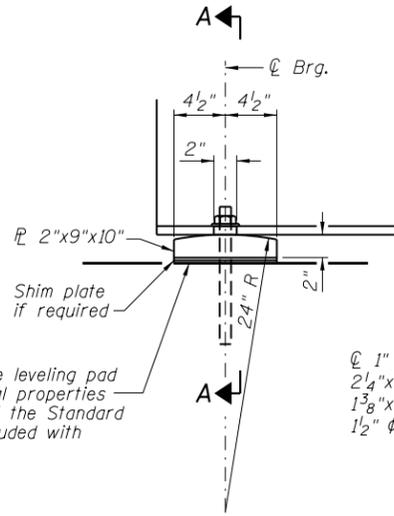


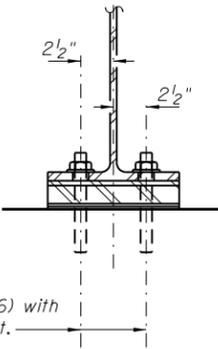
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ELEVATION AT ABUTMENT

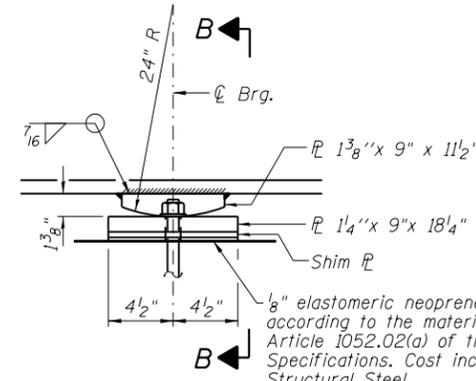
1/8" elastomeric neoprene leveling pad according to the material properties of Article 1052.02(a) of the Standard Specifications. Cost included with Structural Steel.

1" ϕ x 12" anchor bolts (Grade 36) with 2 1/4" x 2 1/4" x 5/16" PL washer under nut. 1 3/8" x 2" slotted hole in flange. 1 1/2" ϕ holes in bearing plate.



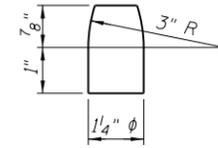
SECTION A-A

FIXED BEARING
(12 Required)

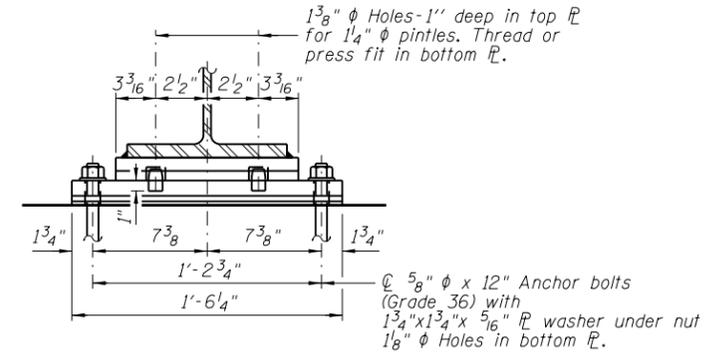


ELEVATION AT PIER

FIXED BEARING
(12 Required)



PINTLE



SECTION B-B

1 3/8" ϕ Holes-1" deep in top PL for 1 1/4" ϕ pintles. Thread or press fit in bottom PL.

1 3/8" ϕ x 12" Anchor bolts (Grade 36) with 1 3/4" x 1 3/4" x 5/16" PL washer under nut 1 1/2" ϕ Holes in bottom PL.

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 at fixed bearings may be either cast in place or installed in holes drilled after the supported member is in place.
Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.
The structural steel plates of the Bearing Assembly shall be galvanized and 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.

BILL OF MATERIAL

Item	Unit	Total
Anchor Bolts, 5/8"	Each	24
Anchor Bolts, 1"	Each	24