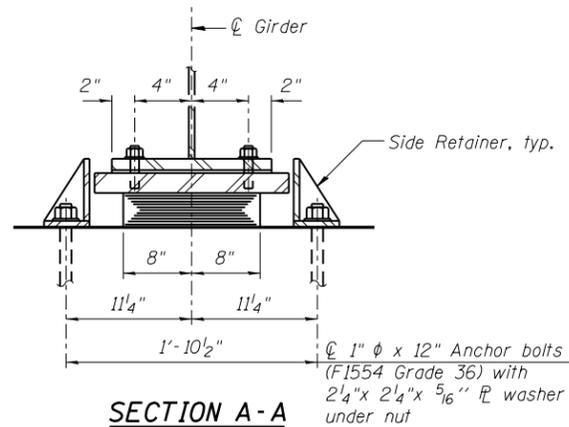
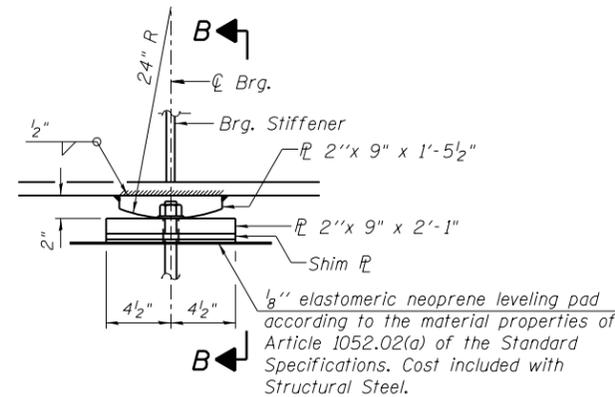


ELEVATION AT ABUT.

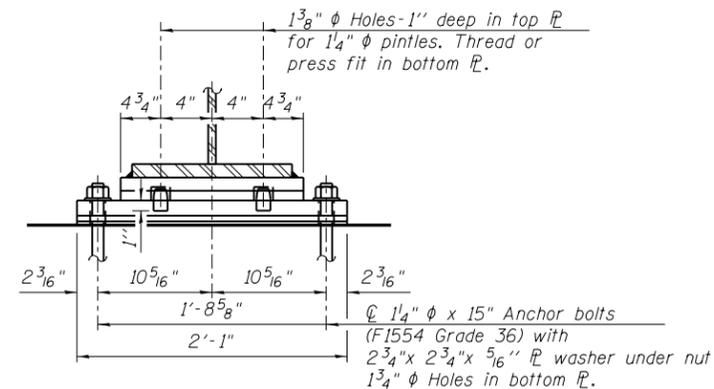


SECTION A-A

1" ϕ x 12" Anchor bolts (F1554 Grade 36) with 2 1/4" x 2 1/4" x 5/16" PL washer under nut



ELEVATION AT PIER



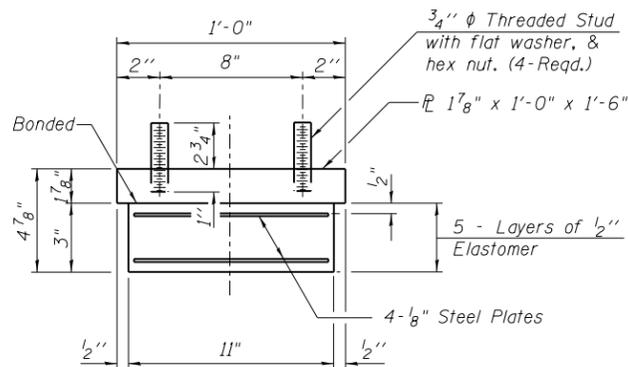
SECTION B-B

TYPE I ELASTOMERIC EXP. BRG.

(Abutment Bearings 12 Thus.)

FIXED BEARING

(Pier Bearings 6 Thus.)



BEARING ASSEMBLY

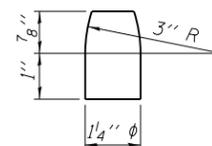
(Abutment Bearings)

Note:

Shim plates shall not be placed under Bearing Assembly.

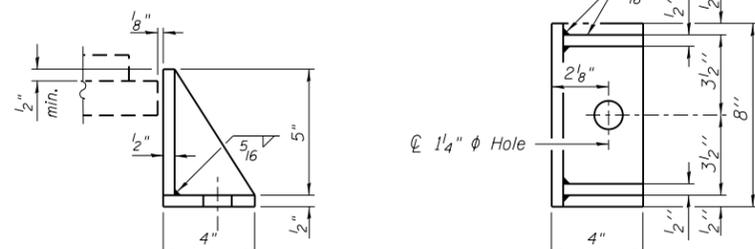
NOTES:

- 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.
- Anchor bolts for side retainers may be cast in place or installed in holes drilled before or after members are in place.
- 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.
- 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.



PINTLE

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SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	12
Anchor Bolts, 1"	Each	24
Anchor Bolts, 1 1/4"	Each	12



USER NAME = mteng	DESIGNED - SMY	REVISED -
	CHECKED - MHT	REVISED -
PLOT SCALE = 0.2" = 1'-0"	DRAWN - SMY	REVISED -
PLOT DATE = 3/11/2013	CHECKED - MHT	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BEARING DETAILS
STRUCTURE NO. 081-0176**

SHEET NO. S-19 OF S-27 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
595	(142-1)R & 142-1)B	ROCK ISLAND	507	318
				CONTRACT NO. 64B84
ILLINOIS FED. AID PROJECT				