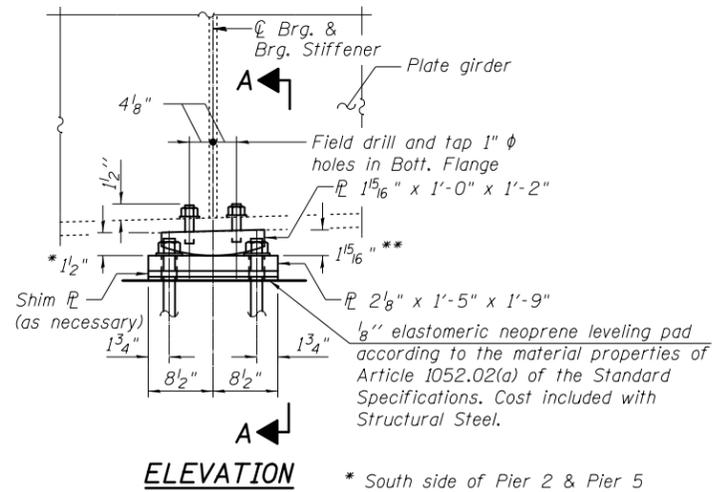


2/26/18 PM

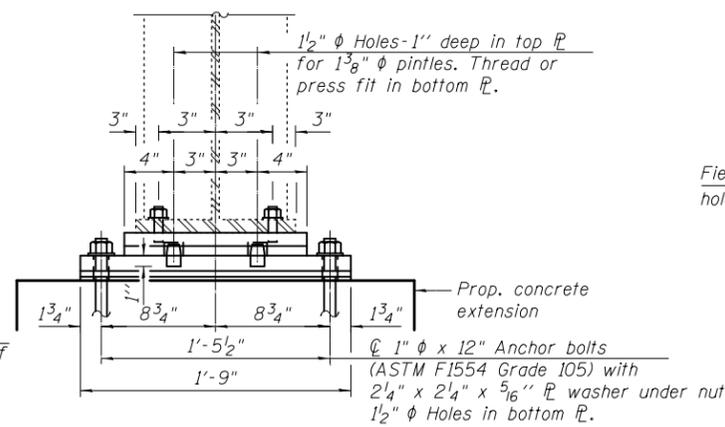
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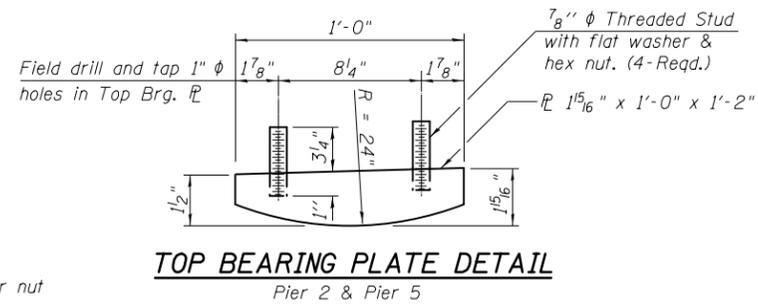
ELEVATION

FIXED BEARING AT PIER 2 & PIER 5

* South side of Pier 2 & Pier 5
** North side of Pier 2 & Pier 5

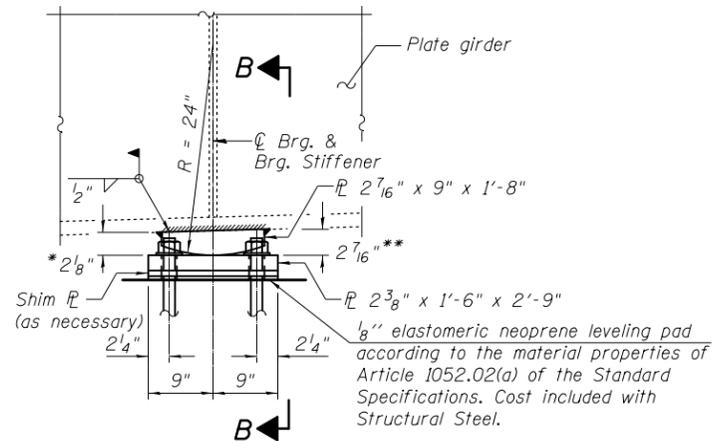


SECTION A-A



TOP BEARING PLATE DETAIL

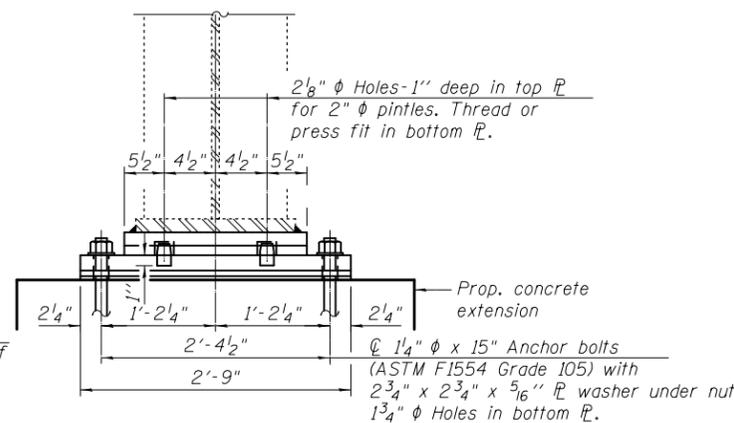
Pier 2 & Pier 5



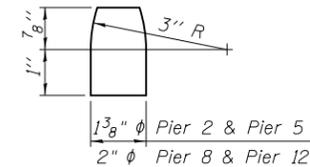
ELEVATION

FIXED BEARING AT PIER 8 & PIER 12

* South side of Pier 8 & West side of Pier 12
** North side of Pier 8 & East side of Pier 12



SECTION B-B



PINTLE

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 drilled holes.

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

Cost of field welding and cost of field drilling and tapping holes shall be included in the cost of Furnishing and Erecting Structural Steel.

See Sheet S-62 for Bearing Removal Details and Jacking Procedure.

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.

The Contractor shall field verify the slope of the existing girders prior to construction or ordering of materials.

Existing cross frame bolts and lateral bracing bolts shall not be disconnected without prior approval from the Engineer.

BILL OF MATERIAL

Item	Unit	Total
Furnishing and Erecting Structural Steel	Pound	6,540
Anchor Bolts, 1"	Each	32
Anchor Bolts, 1 1/4"	Each	32

BOWMAN, BARRETT & ASSOCIATES INC.
CONSULTING ENGINEERS
Chicago, Illinois
312.228.0100
www.bbainc.com



USER NAME =	DESIGNED - TL	REVISED -
PLOT SCALE =	CHECKED - BAK	REVISED -
PLOT DATE = 11/08/2012	DRAWN - TL	REVISED -
	CHECKED - BAK	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FIXED BEARING DETAILS
STRUCTURE NO. 016-2437

SHEET NO. S-41 OF S-83 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2012-060-BR	COOK	285	204
CONTRACT NO. 60V61				
ILLINOIS FED. AID PROJECT				