

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

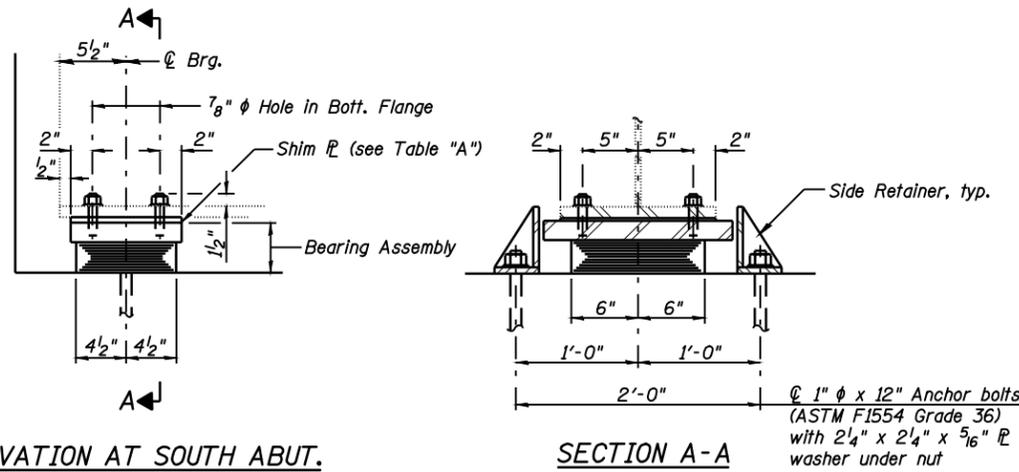
Notes:

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=36ksi). The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.

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 bearing assembly shall be included in the cost of Elastomeric Bearing Assembly, Type I.



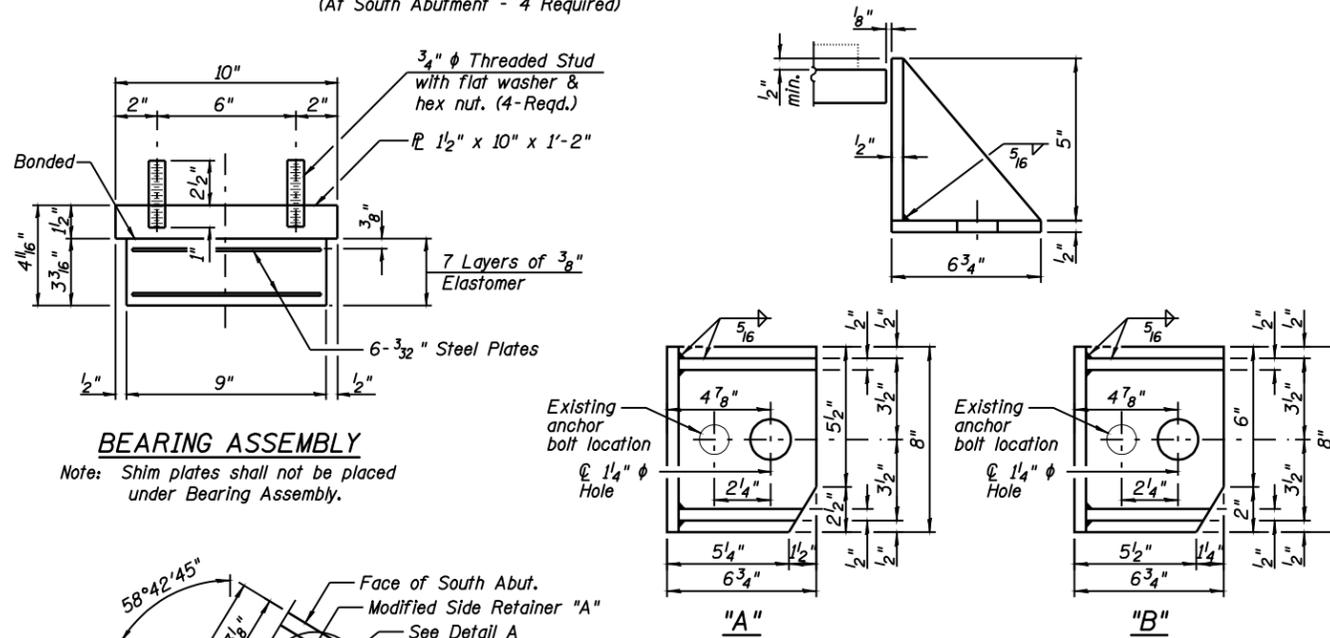
ELEVATION AT SOUTH ABUT.

SECTION A-A

1" ϕ x 12" Anchor bolts (ASTM F1554 Grade 36) with 2 1/4" x 2 1/4" x 5/16" \bar{P} washer under nut

TYPE I ELASTOMERIC EXP. BRG.

(At South Abutment - 4 Required)

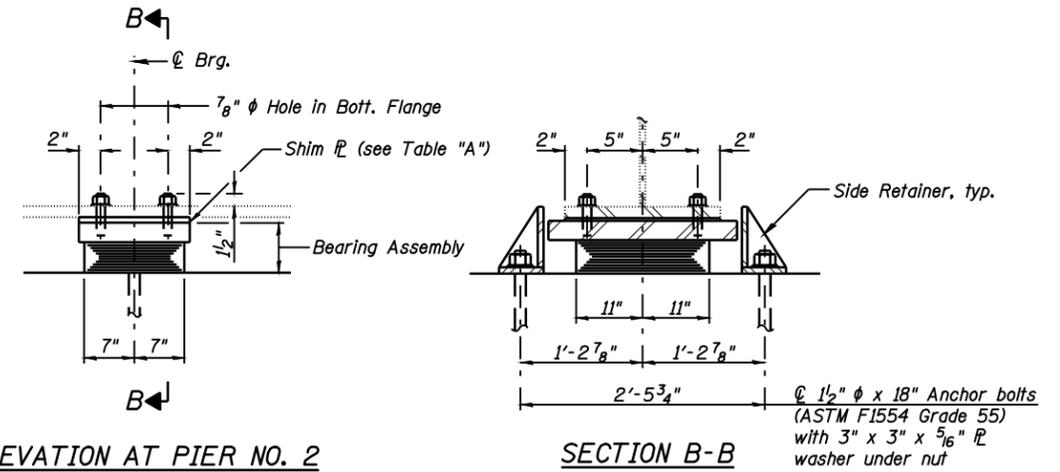


BEARING ASSEMBLY

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

MODIFIED SIDE RETAINER

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



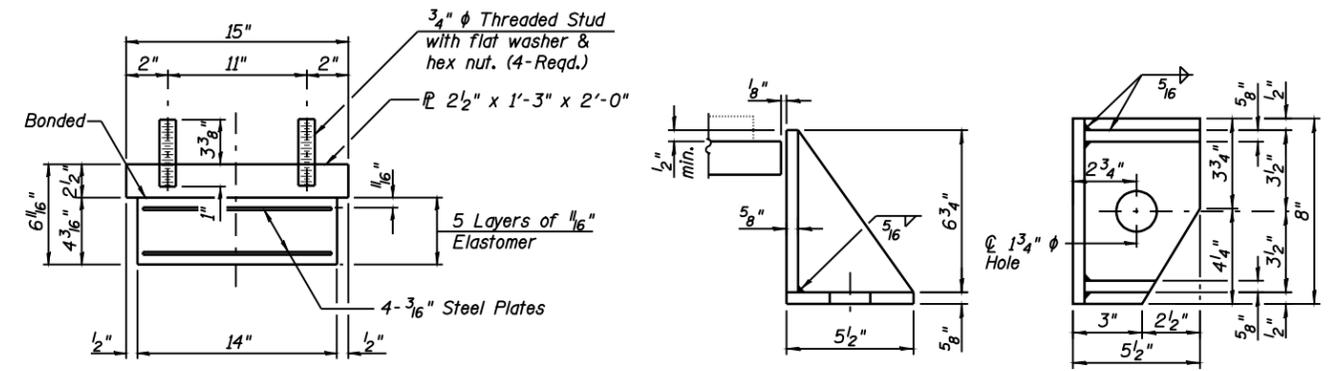
ELEVATION AT PIER NO. 2

SECTION B-B

1 1/2" ϕ x 18" Anchor bolts (ASTM F1554 Grade 55) with 3" x 3" x 5/16" \bar{P} washer under nut

TYPE I ELASTOMERIC EXP. BRG.

(At Pier No. 2 - 4 Required)

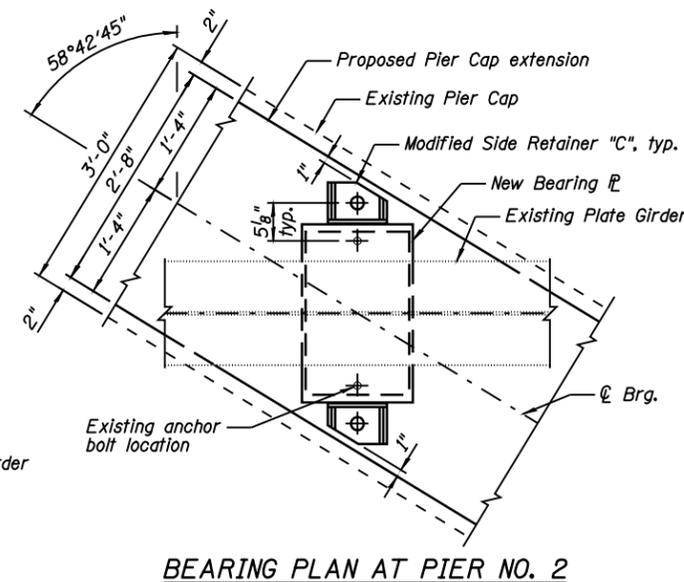


BEARING ASSEMBLY

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

MODIFIED SIDE RETAINER "C"

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



BEARING PLAN AT PIER NO. 2

BILL OF MATERIAL

Item	Unit	Total
Erecting Elastomeric Bearing Assembly, Type I	Each	8
Anchor Bolts, 1"	Each	8
Anchor Bolts, 1 1/2"	Each	8

TABLE "A"

Location/Girder No.	Shim Thickness
South Abut./3	1/2"
South Abut./5	3/8"
Pier No. 2/2	1/4"

EXISTING GIRDER TYPE I
BEARING DETAILS
STRUCTURE NO. 084-0028

NOTE:

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.

DESIGNED JML
CHECKED MSW
DRAWN DJM
CHECKED MGO/MSW

DATE 03/05/09

I-2E-1

10-1-08

FARNSWORTH GROUP, INC.

CONSULTING ENGINEERS - 2709 MCGRAW DRIVE BLOOMINGTON, ILLINOIS 61704 (309) 663-8435 / (309) 663-1571 FAX

SHEET NO. B28	F.A.I. RTE. 55	SECTION (84-3HB-6)BR	COUNTY SANGAMON	TOTAL SHEETS 90	SHEET NO. 62
44 SHEETS	SN 084-0028		CONTRACT NO. 72A64		
FED. ROAD DIST. NO. 6 ILLINOIS FED. AID PROJECT					

24-8181