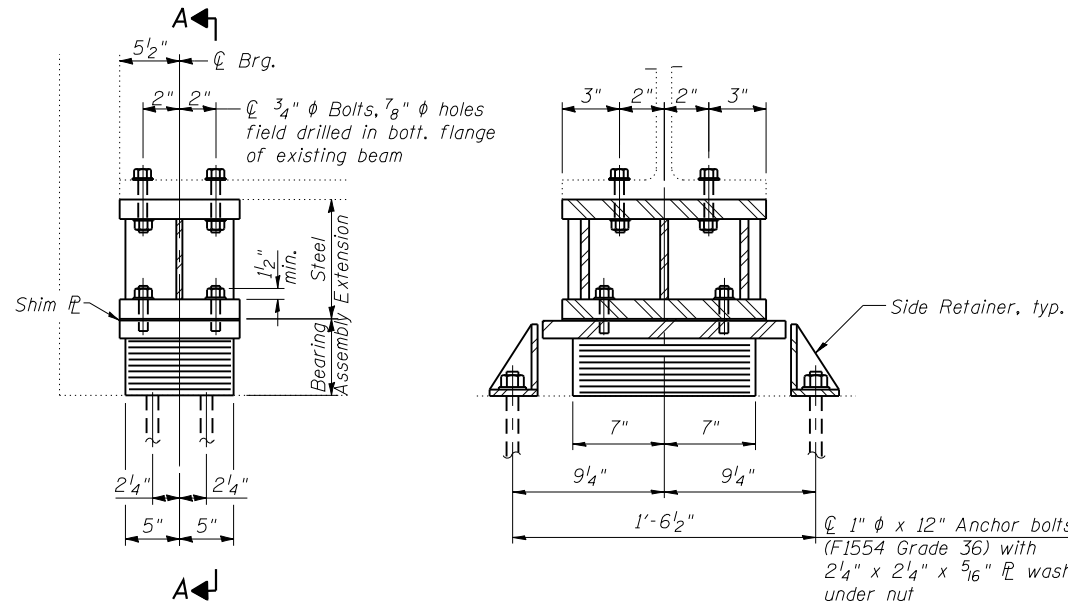


ELEVATION AT S. ABUT.

SECTION A-A

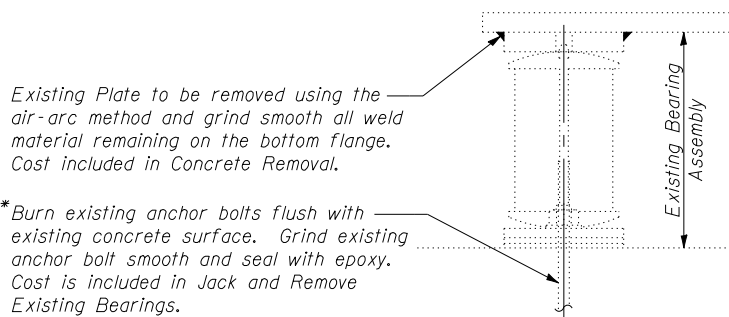
TYPE I ELASTOMERIC EXP. BRG.



ELEVATION AT N. ABUT.

SECTION A-A

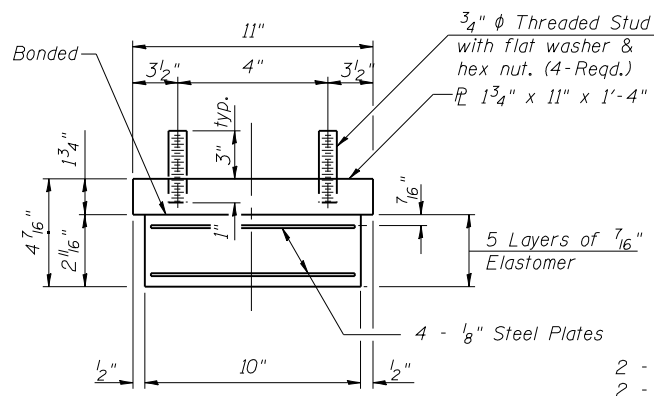
TYPE I ELASTOMERIC EXP. BRG.



EXISTING BEARING REMOVAL DETAIL

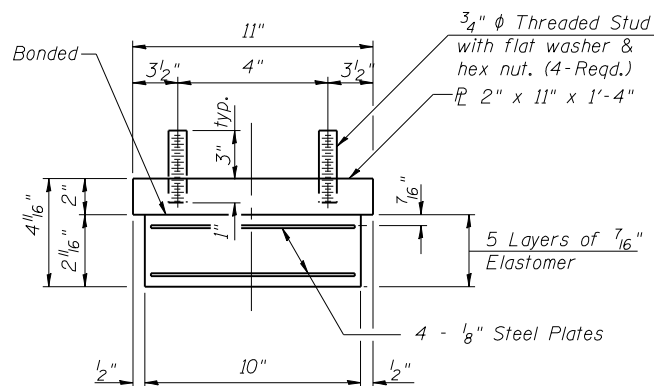
At abutments

\* at abutments only



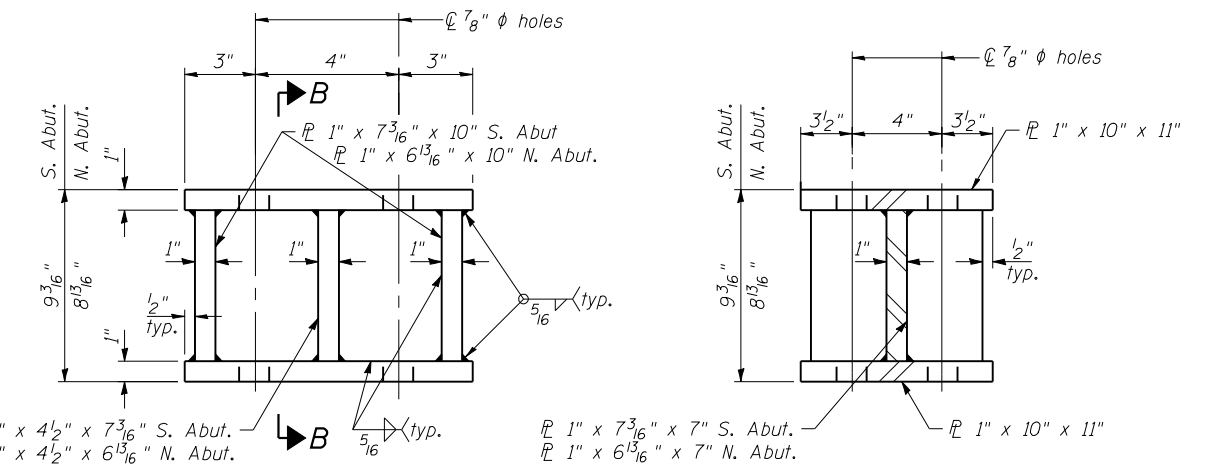
BEARING ASSEMBLY S. ABUT.

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



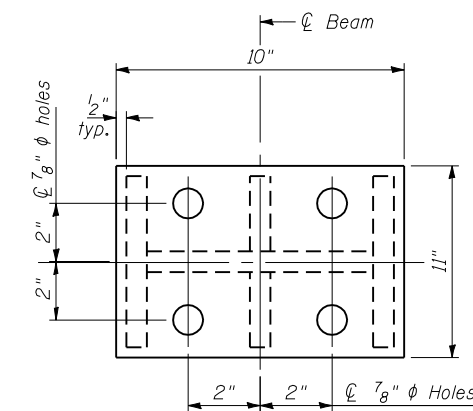
BEARING ASSEMBLY N. ABUT.

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



FABRICATED STEEL EXTENSION ELEVATION

SECTION B-B

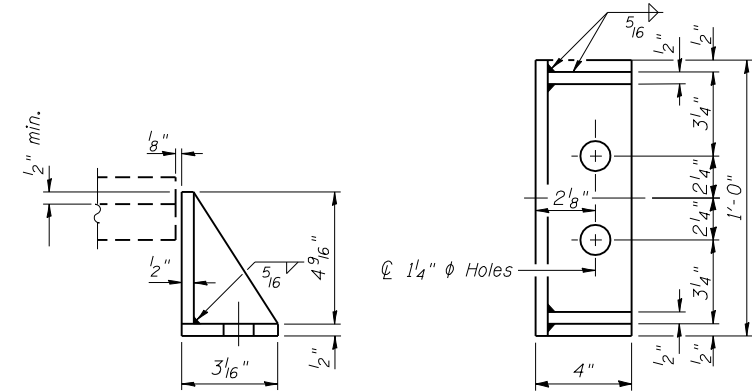


FABRICATED STEEL EXTENSION PLAN

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	24
Anchor Bolts, 1"	Each	96
*** Furnishing and Erecting Structural Steel	Pound	3370
Jack and Remove Existing Bearings	Each	24

\*\*\*Fabricated Steel Extensions



SIDE RETAINER

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

PROCEDURE FOR JACKING AND REMOVING EXISTING BEARINGS

- The Contractor shall submit, for approval by the Engineer, plans for jacking and removing the existing bearings at the abutments prior to commencing any work at the abutment bearings.
- Jacking and removal of existing bearings shall be done after the existing deck is removed and before new deck is poured.
- The minimum jack capacity is 4 tons per beam.
- The new bearings and steel extensions shall be in place and the jacks lowered prior to pouring the new concrete diaphragm and deck. See Special Provision for Jack and Remove Existing Bearings.

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 for side retainers shall be installed in holes drilled in the concrete.  
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.

Prior to ordering any material, the Contractor shall verify in the field all bearing height and shim thickness dimensions. Cost included in Elastomeric Bearing Assembly Type I.

The cost of field drilling holes in bottom flange of existing beams is included in Elastomeric Bearing Assembly Type I.

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.

**CB** Coombe-Bloxdorf P.C.  
- CIVIL ENGINEERS -  
- STRUCTURAL ENGINEERS -  
- LAND SURVEYORS -  
Design Firm License No. 184-002703

FILE NAME =	USER NAME = .MML.	DESIGNED - GJB	REVISED -
... \0540065-0066-72e11-025-bearing-detail.dgn		CHECKED - MCB/RKM	REVISED -
	PLOT SCALE = 0:2.000000 '1' / IN.	DRAWN - CFC	REVISED -
CB PROJECT NO. 10065-1	PLOT DATE = 3/18/2013	CHECKED - MCB/GJB	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

BEARING DETAILS  
STRUCTURE NO. 054-0065 (N.B.) & 054-0066 (S.B.)

SHEET NO. 25 OF 39 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	D6 LOGAN CO BR 2011-1	LOGAN	429	348
				CONTRACT NO. 72E11

ILLINOIS FED. AID PROJECT