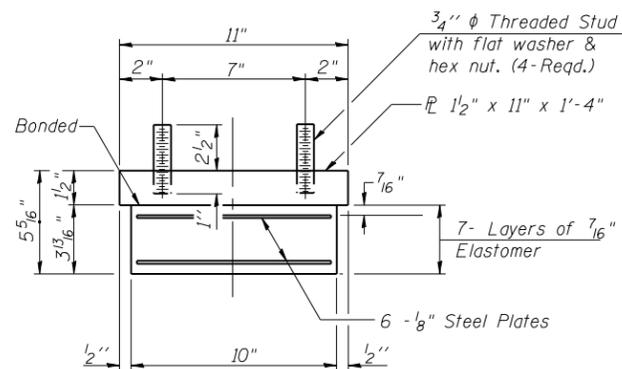
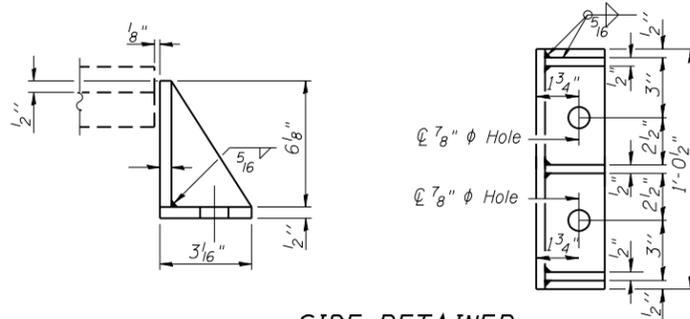


TYPE I ELASTOMERIC EXP. BRG.



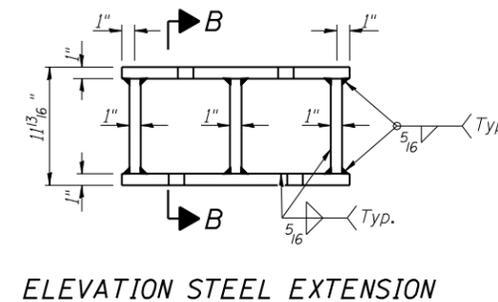
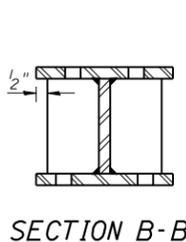
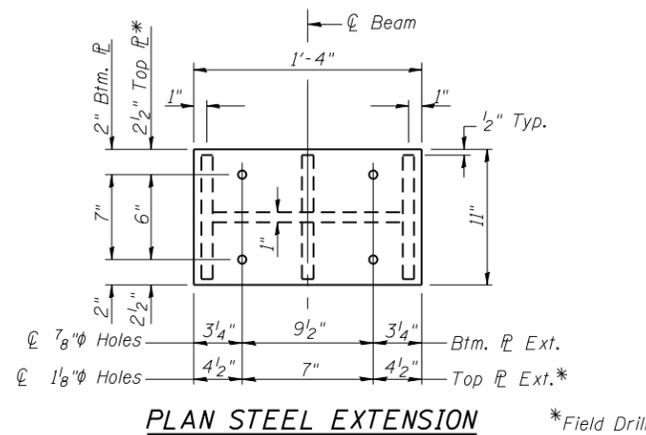
BEARING ASSEMBLY

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



SIDE RETAINER

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



PROCEDURE FOR JACKING AND REMOVING EXISTING BEARINGS (At Abutments)

- 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.
- In each stage, 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 10 tons per girder.
- The new bearings and steel extensions shall be in place and the jacks lowered prior to pouring the new concrete deck in each stage. 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.

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.

Steel extensions, shims and bolts shall be included in the cost of Furnishing & Erecting Structural Steel.

Two $\frac{1}{8}$ in. adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown on bearing details.

Cost of field drilling included with Furnishing and Erecting Structural Steel.

Note:

Prior to ordering any material, the Contractor shall verify in the field all bearing height and shim thickness dimensions.

Jacking Loads per Girder	Abut.
R \varnothing Steel Only	(K) 10
Min. Jack Capacity, Steel Only	(K) 20

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	5
Anchor Bolts, $5\frac{5}{8}$ "	Each	20
Furnishing and Erecting Structural Steel	Pound	1,216
Jack and Remove Existing Bearings	Each	5

BLANK, WESSELINK, COOK & ASSOCIATES

DECATUR, ILLINOIS

ENGINEERS - CONSULTANTS

DESIGN FIRM NO. 184000894

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH ABUTMENT BEARING DETAILS
STRUCTURE NO. 058-0049

SHEET NO. 17 OF 39 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(48X-B-2)BR & (48BR)BR	MACON	144	55
				CONTRACT NO. 74438
ILLINOIS FED. AID PROJECT				