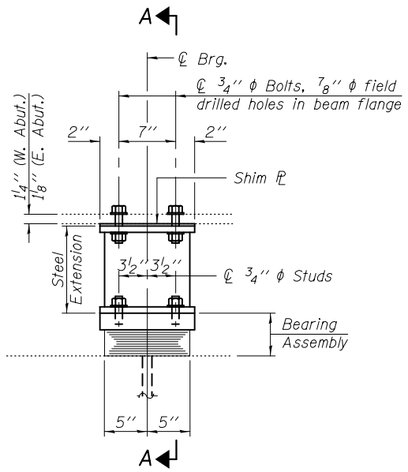
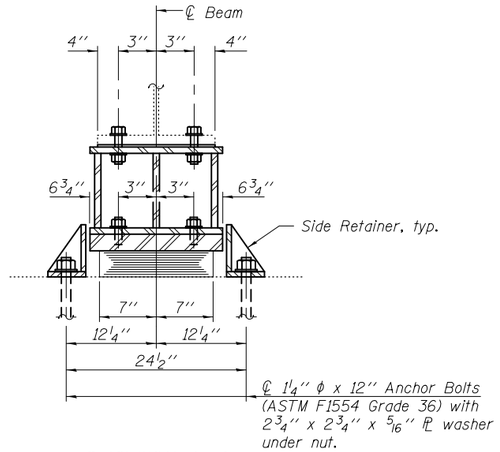
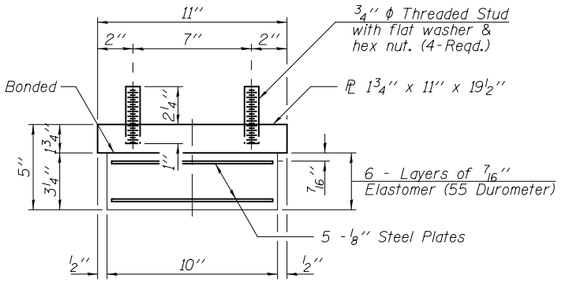


ELEVATION AT ABUTS.



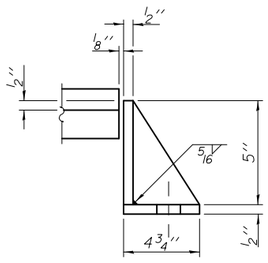
SECTION A-A

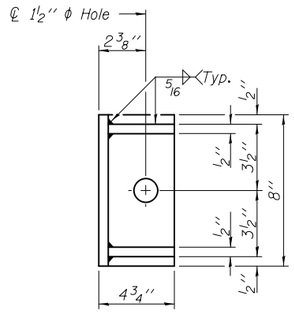
TYPE I ELASTOMERIC EXP. BRG.



BEARING ASSEMBLY

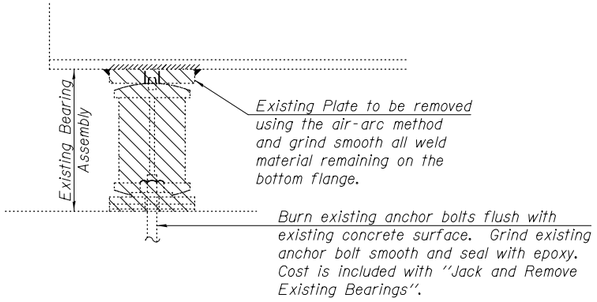
Note:
Shim plates shall not be placed under Bearing Assembly.



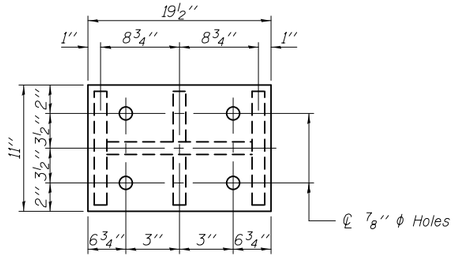


SIDE RETAINER

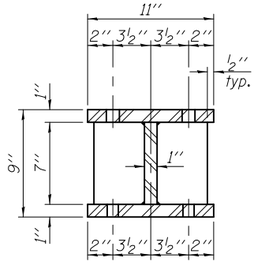
Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.



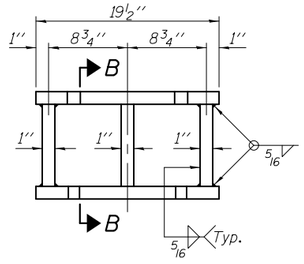
EXISTING BEARING REMOVAL DETAIL



PLAN TOP AND BOTTOM PLATE



SECTION B-B



STEEL EXTENSION DETAIL

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.

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.

Steel extensions, shim plates and connection bolts are included with Furnishing and Erecting Structural Steel.

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

Minimum jack capacity = 50 Tons.

Existing bearings shall be removed and replaced after the deck has been removed.

Diaphragm removal and reinstallation may be required to facilitate drilling holes. Cost included with Furnishing and Erecting Structural Steel.

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.

For beam reactions, see sheet 49 of 62.

BILL OF MATERIAL
TWO STRUCTURES

Item	Unit	Total
Furnishing and Erecting Structural Steel	Pound	6,980
Jack and Remove Existing Bearing	Each	32
Elastomeric Bearing Assembly, Type I	Each	32
Anchor Bolts, 1 1/4"	Each	64

FILE NAME = $FILE$	USER NAME = $USER$	DESIGNED K.A. KLUES	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	HORNER & SHIFRIN, INC ENGINEERS	EXPANSION BEARING DETAILS STRUCTURE NOS. 072-0119 (E.B.) & 072-0120 (W.B.)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		CHECKED E.M. LAGEMANN	REVISED -				474	(72-3HB-1),I	PEORIA	88	72
	PLOT SCALE =	DRAWN C.A. BUETTNER	REVISED -							CONTRACT NO. 68883	
	PLOT DATE = $DATE$	CHECKED E.M. LAGEMANN	REVISED -			SHEET NO. 56 OF 62 SHEETS		ILLINOIS	FED. AID PROJECT		