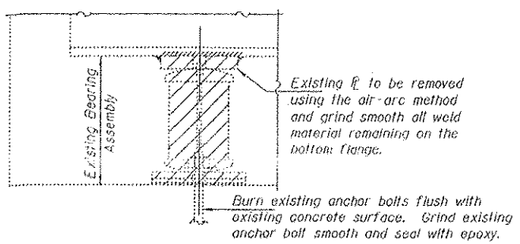
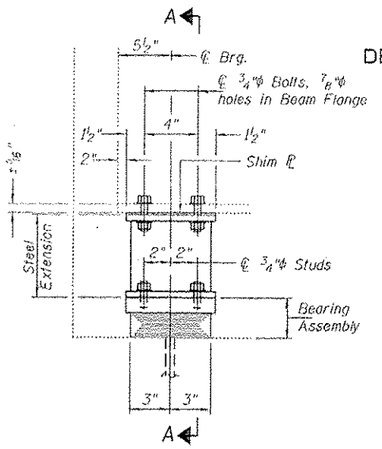
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

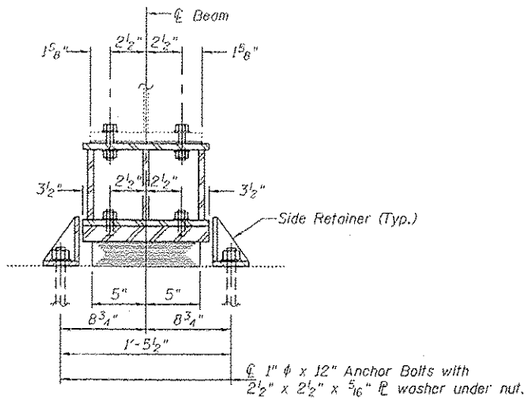


EXISTING BEARING REMOVAL DETAIL

Cost included with Jack and Remove Existing Bearings.



ELEVATION AT EAST AND WEST ABUTMENT



SECTION A-A

Notes:

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

New 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.

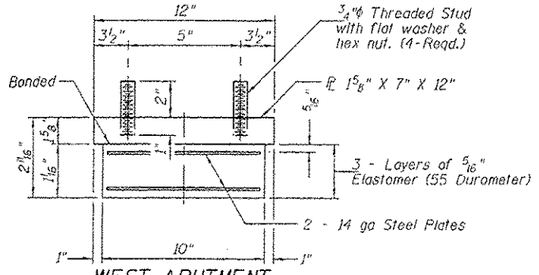
Min. jack capacity = 25 Tons.

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 at fixed bearings may be either cast in place or installed in holes drilled after the supported member is in place.

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

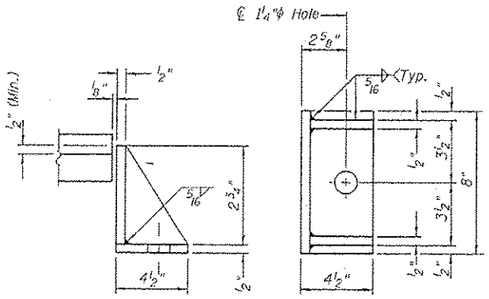
Side retainers shall be included in the cost of Elastomeric Bearing Assembly, Type I.



WEST ABUTMENT BEARING ASSEMBLY

(10 Req'd)

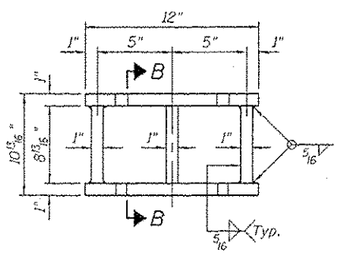
Note:
Shim plates shall not be placed under Bearing Assembly.



WEST ABUTMENT SIDE RETAINER

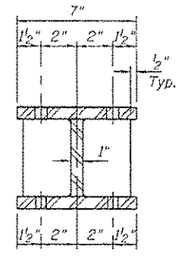
(20 Req'd)

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

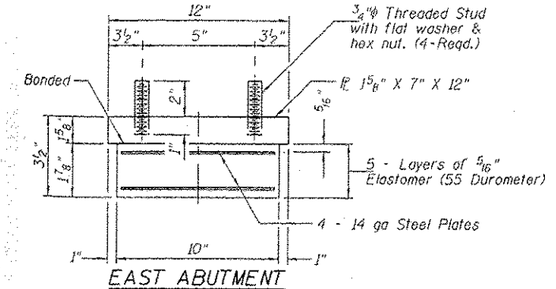


WEST ABUTMENT STEEL EXTENSION DETAIL

(10 Req'd)



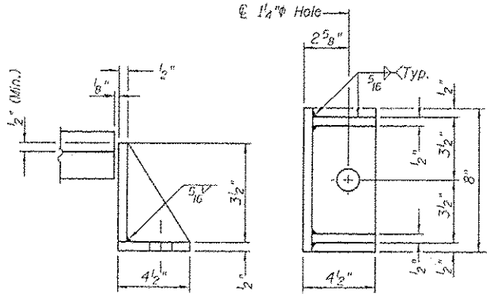
SECTION B-B



EAST ABUTMENT BEARING ASSEMBLY

(10 Req'd)

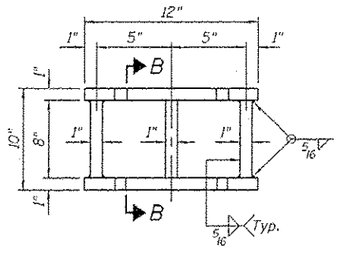
Note:
Shim plates shall not be placed under Bearing Assembly.



EAST ABUTMENT SIDE RETAINER

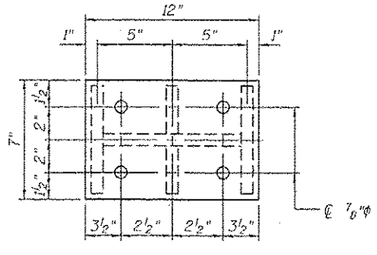
(20 Req'd)

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



EAST ABUTMENT STEEL EXTENSION DETAIL

(10 Req'd)



PLAN TOP AND BOTTOM PLATE

• D7 BRIDGE PAINTING 2013-4

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N/A | SHEET 6 OF 6 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
778	•	MACON	9	6
		CONTRACT NO. 74613		
		ILLINOIS FED. AID PROJECT		