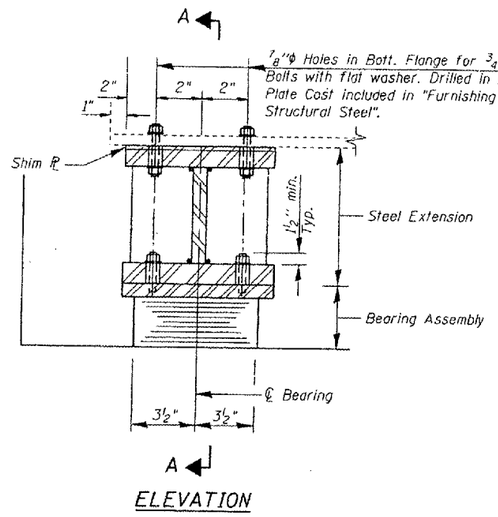
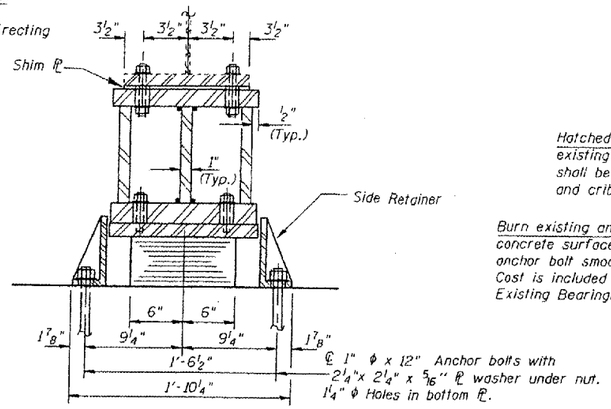
CONTRACT NO.: 98882
ROUTE: VARIOUS
COUNTY: VARIOUS
SECTION: D-9 CONTRACT MAINTENANCE
SHEET NO.: 34 OF 43

I-24	*	MASSAC	234	216
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

* 640,2,2-1,3-1,3IRS-1. BSMART FY2002-2
Sheet 5 of 9 sheets

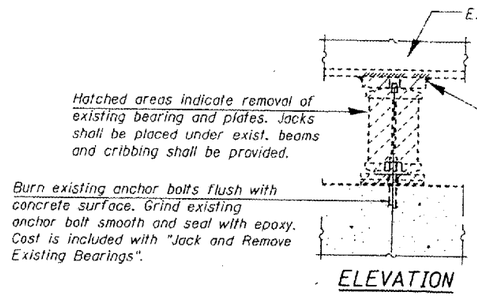


ELEVATION



SECTION A-A

TYPE I ELASTOMERIC BEARING AT ABUTMENTS



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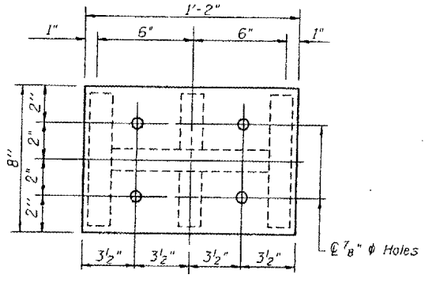
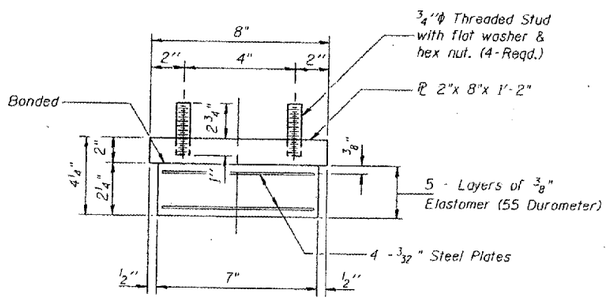


*INTERIOR BEAM REACTION TABLE

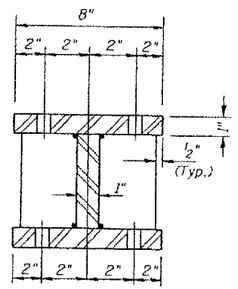
	SERVICE LOADS
R ℚ (K)	25.4
R ℄ (K)	35.7
Imp (K)	10.6
R Total (K)	71.7

* Min. Jack capacity at each Beam shall be 38 Tons.

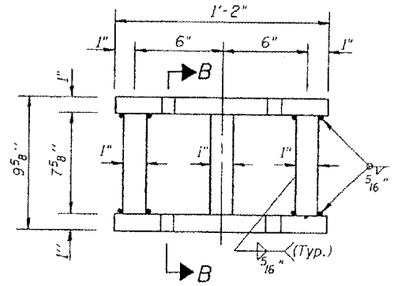


BEARING ASSEMBLY

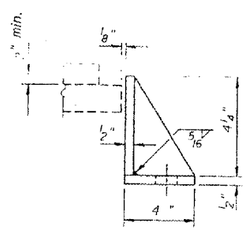
Note: Shim plates shall not be placed under Bearing Assembly

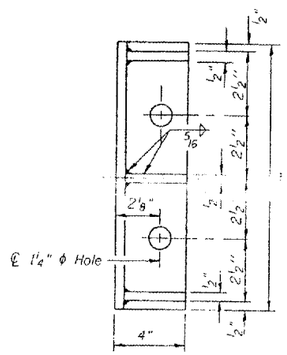


SECTION B-B



STEEL EXTENSION AT ABUTMENTS





SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates. Weight included with Structural Steel.

Notes:

For anchor bolt installation details see sheet # 6 of 9.

New steel extensions, side retainers, connection bolts, anchor bolts, and shim plates are included in "Furnishing and Erecting Structural Steel".

BILL OF MATERIAL

ITEM	UNIT	TOTAL
ELASTOMERIC BEARING ASSEMBLY TYPE I	EACH	24

DESIGNED	J.C.P.
CHECKED	
DRAWN	T.F.
CHECKED	

R.C. ENGINEERS, LTD.
CONSULTING ENGINEERS - SPRINGFIELD, ILLINOIS

ELASTOMERIC BEARING I

FOR INFORMATION ONLY:

BRIDGE NO. 5 STRUCTURE 064-0032

BRIDGE NO. 6 STRUCTURE 064-0033

Tue Jul 17 16:40:34 2001
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