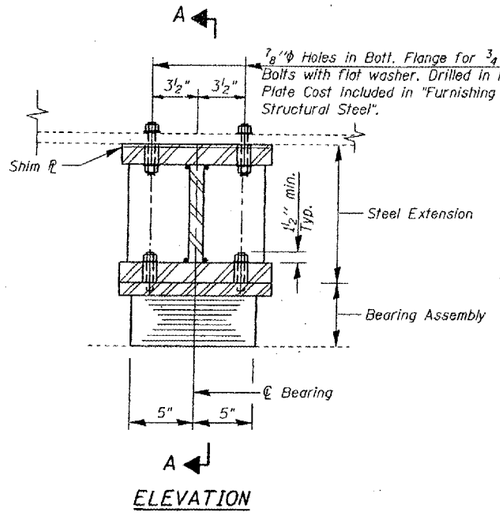
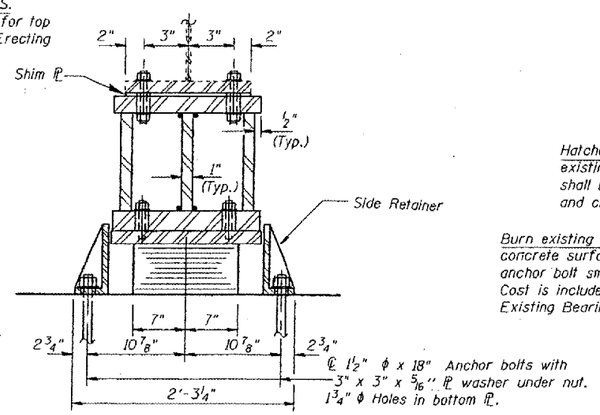
CONTRACT NO.: 98882
ROUTE: VARIOUS
COUNTY: VARIOUS
SECTION: D-9 CONTRACT MAINTENANCE 05-7
SHEET NO.: 42 OF 58

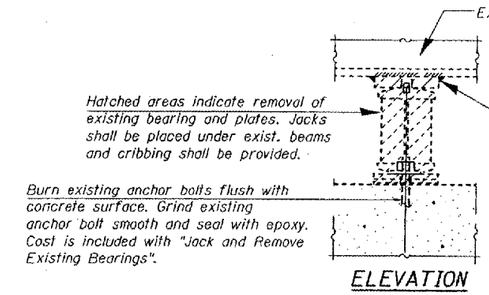
* 64(1,2,2-1,3-1,3)RS-1. BSMART FY2002-2
Sheet 6 of 11 sheets



ELEVATION



SECTION A-A



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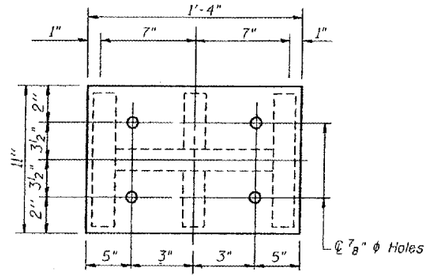
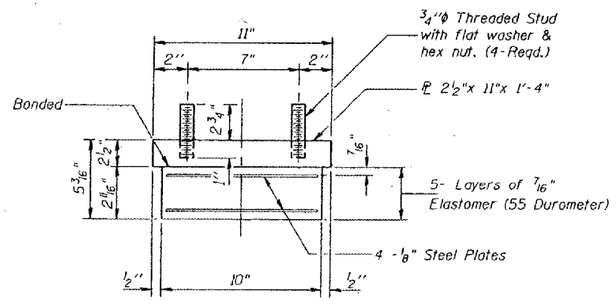


TYPE I ELASTOMERIC BEARING PIER 1



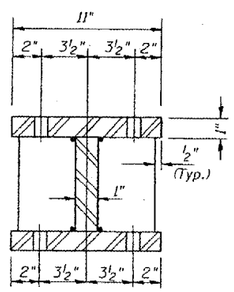
BEARING ASSEMBLY

Note: Shim plates shall not be placed under Bearing Assembly

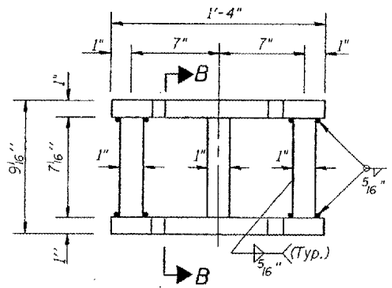
* BEAM REACTION TABLE

	SERVICE LOADS
R D (K)	63.3
R L (K)	44.9
Imp (K)	13.5
R Total (K)	121.7

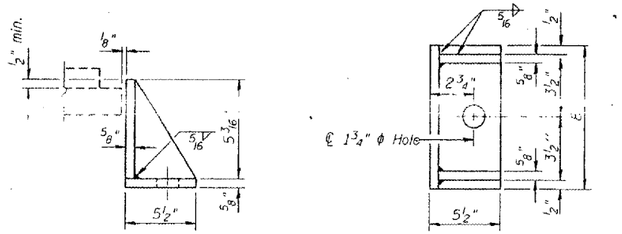
* Min. Jack capacity at each Beam shall be 170 Tons.



SECTION B-B



STEEL EXTENSION AT PIER 1



SIDE RETAINER

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

Notes:

Prior to ordering any material, the contractor shall verify in the field all bearing height dimensions.

For anchor bolt installation details see sheet # 8 of 11.

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

Diaphragm removal and replacement may be required to facilitate drilling holes. Cost shall be included in the cost of "Furnishing and Erecting Structural Steel".

BILL OF MATERIAL

ITEM	UNIT	TOTAL
ELASTOMERIC BEARING ASSEMBLY TYPE I	EACH	12

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

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

FOR INFORMATION ONLY:

ELASTOMERIC BEARING

BRIDGE NO. 9 STRUCTURE 064-0030

BRIDGE NO. 10 STRUCTURE 064-0031

SN 064-0030 & SN 064-0031 ELASTOMERIC BEARING TYPE I, PEDESTAL, PIER 1

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