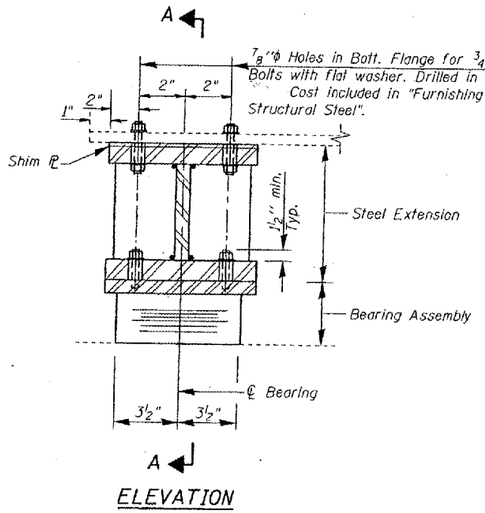
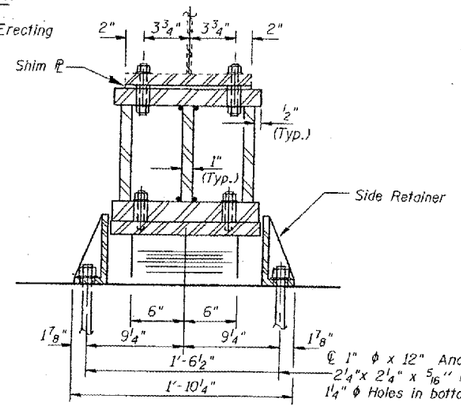
CONTRACT NO.: 98882
ROUTE: VARIOUS
COUNTY: VARIOUS
SECTION: D-9 CONTRACT MAINTENANCE 05-7
SHEET NO.: 33 OF 58

FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT
* 64(1,2,2-1,3-1,3)RS-1, BSMART FY2002-2		

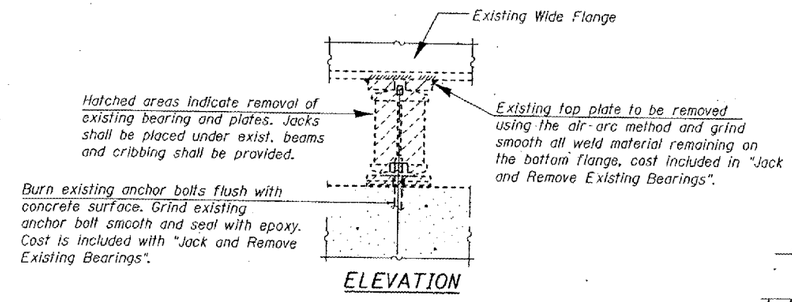
Sheet 5 of 11 sheets



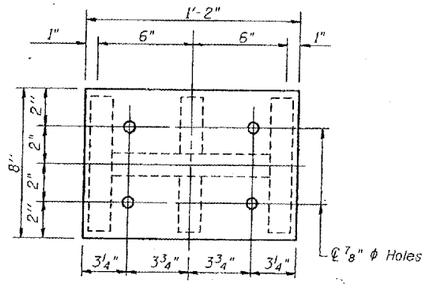
ELEVATION



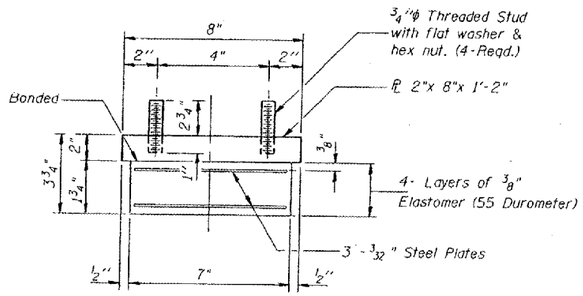
SECTION A-A



ELEVATION



TYPE I ELASTOMERIC BEARING WEST ABUTMENT



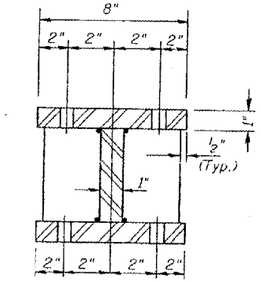
BEARING ASSEMBLY

Note: Shim plates shall not be placed under Bearing Assembly

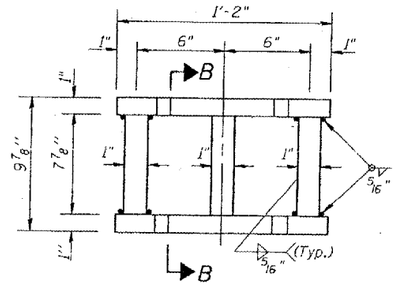
*INTERIOR BEAM REACTION TABLE

	SERVICE LOADS
R ℄ (K)	25.4
R ℄ (K)	35.9
Imp (K)	10.5
R Total (K)	71.8

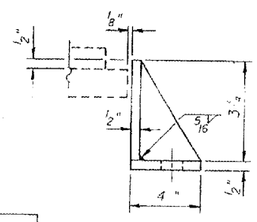
* Min. Jack capacity at each Beam shall be 37 Tons.

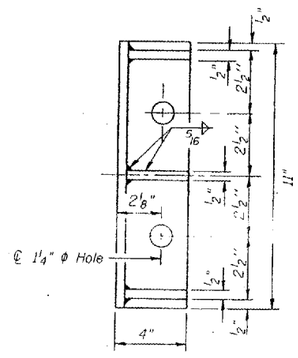


SECTION B-B



STEEL EXTENSION AT WEST ABUT.





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 and shim thickness dimensions.

For anch. bolt installation details see sheet # 6 of 11.

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	12

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

RC ENGINEERS, LTD.
CONSULTING ENGINEERS · SPRINGFIELD, ILLINOIS

ELASTOMERIC BE

FOR INFORMATION ONLY:

BRIDGE NO. 5 STRUCTURE 064-0023

BRIDGE NO. 6 STRUCTURE 064-0024

SN 064-0023 & SN 064-0024 ELASTOMERIC BEARING TYPE I PEDESTAL WEST ABUT.

Tue Jul 17 08:28:48 2001
c:\projects\bsmart\064-0023\typibear w 23_24.dgn LY=1-63