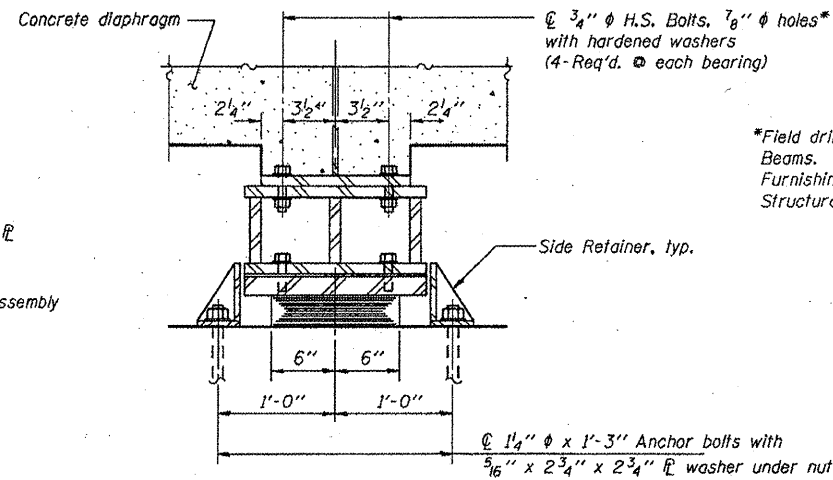


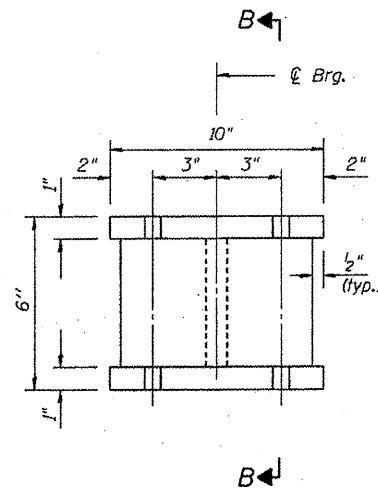
ELEVATION AT ABUT.

TYPE I ELASTOMERIC EXP. BRG. AT ABUTMENTS



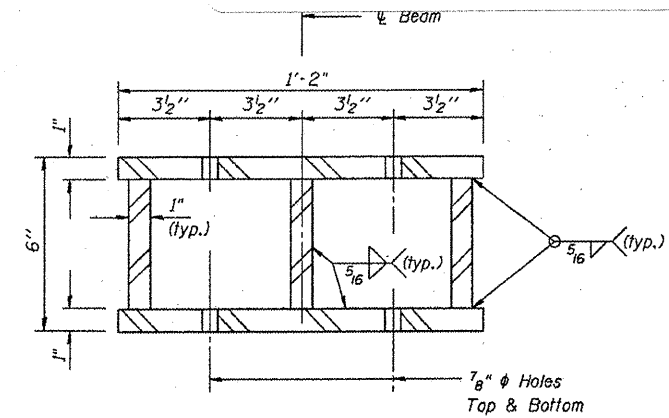
SECTION A-A

*Field drill holes in Existing Beams. Cost included with Furnishing and Erecting Structural Steel.

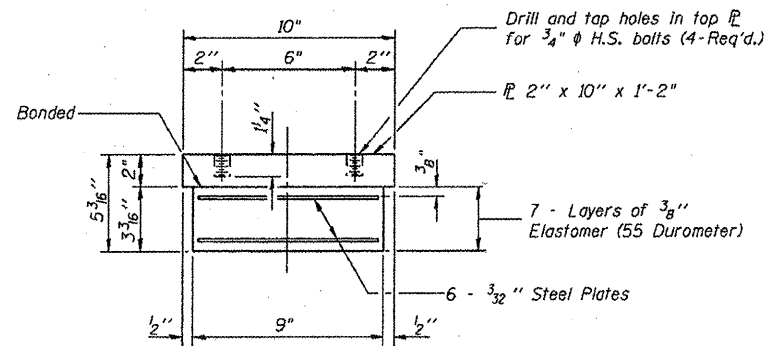


ELEVATION STEEL EXTENSION

(16 Required)



SECTION B-B



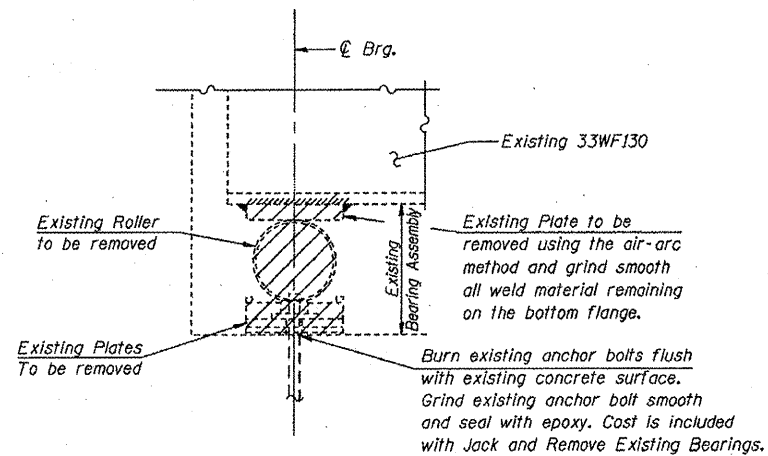
BEARING ASSEMBLY

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

FILL P's AT BOTH ABUTMENTS

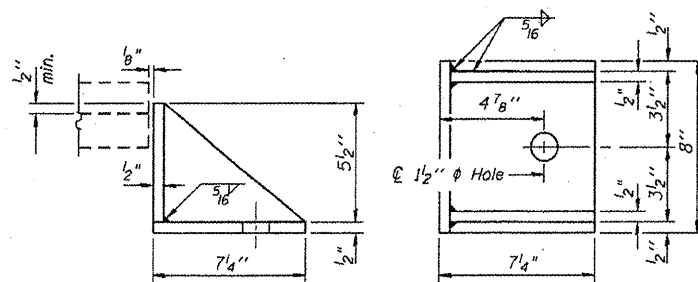
	Beam 1A	Beams 1 thru 6	Beam 6A
Thickness	—	3/4"	1 1/2"

Dimension same as top bearing plate.



EXISTING BEARING REMOVAL AT ABUTS

@ Reaction @ Abuts. = 4 kips (Wt. of steel only)
Min. Jack Capacity @ Abuts. = 3 tons



SIDE RETAINER

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

DESIGNED	Ruben V. Boehler
CHECKED	Tim S. Howard
DRAWN	TSH / RVB
CHECKED	Michael D. Cummins

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	16
Jack and Remove Existing Bearings	Each	12

BEARING DETAILS ABUTMENTS

IL ROUTE 15 OVER SEVEN MILE CREEK
F.A.P. ROUTE 821 SECTION (15-2)BR
JEFFERSON COUNTY
STA. 129+81.00
S.N. 041-0027

Notes: Diaphragm removal and replacement may be required to facilitate drilling holes. Cost shall be included with Furnishing and Erecting Structural Steel.

Cost of side retainers, shim P's, fill P's, steel extensions, connection bolts, and anchor bolts are included with Furnishing and Erecting Structural Steel.

See sheet 18 of 19 for Anchor Bolt Installation.

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

BRIDGE NO. 2

CUMMINS ENGINEERING CORPORATION

JOB # 2175
FILE# 2175brg
DATE: 4/10/06