

Existing Plate to be removed
using the air-arc method
and grind smooth all weld
material remaining on the
bottom flange.

Burn the existing anchor bolts
flush with existing concrete
surface. Grind existing anchor
bolts smooth and seal with
epoxy.

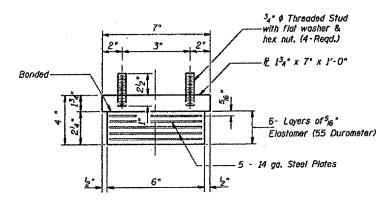
ABUTS

# EXISTING BEARING REMOVAL DETAILS

Cost is Included with Jack and Remove Existing Bearings

# TYPE I ELASTOMERIC EXP. BRG.

Notes: See sheet 132 for Anchor Bolt installation.

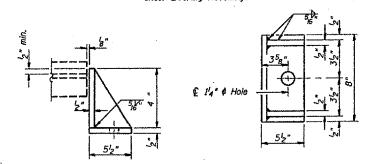


# GIRDER REACTIONS

RQ.	(K)	11.8
RŁ	(K)	31.0
Imp.	(K)	9.3
R (Total)	(K)	52.1

#### BEARING ASSEMBLY

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



#### SIDE RETAINER

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

DESIGNEO:	MAS	
CHECKED:	MAS	
DRAWN:	JB	
CHECKEO:	MAS	

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

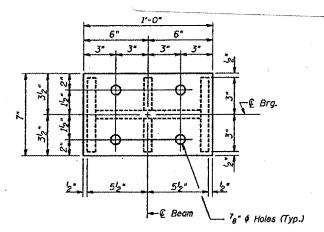
The minimum jack capacity required is 30 Tons.

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

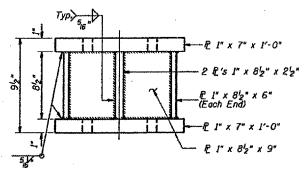
Hatched areas indicate Jack and Remove Existing Bearings.

Existing diaphragm removal may be required to provide clearance for the drill during drilling holes in the bottom flonge for new bearing attachment. Cost shall be included in the cost of "Furnishing and Erecting Structural Steel".

FAI 24 D9 BRIDGE PAINTING FY 08-1 JOHNSON & WILLIAMSON COUNTIES CONTRACT 78020 SHEET 10 OF 35



### PLAN-TOP & BOTTOM PLATE



STEEL EXTENSION AT SOUTH ABUT.

## BILL OF MATERIAL

	Unit	Total
Elastomeric Bearing Assembly Type 1	Each	6
Jack and Remove Existing Bearings	Each	6

BRIDGE NO. 1 S.N. 044-0041 FOR INFORMATION ONLY

SOUTH ABUTMENT

TYPE I ELASTOMERIC BEARING

JOHNSON COUNTY

S.N. 044-0041 (E.B.)