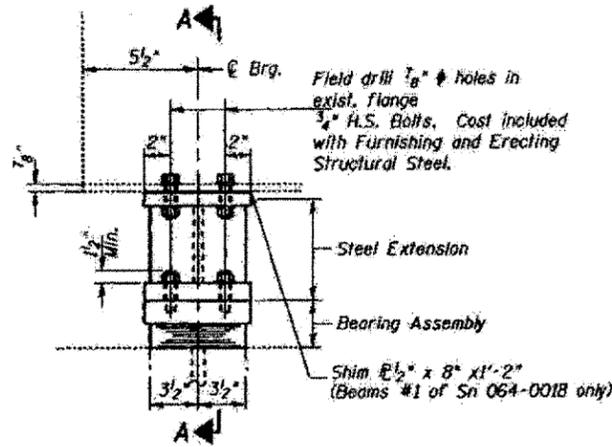
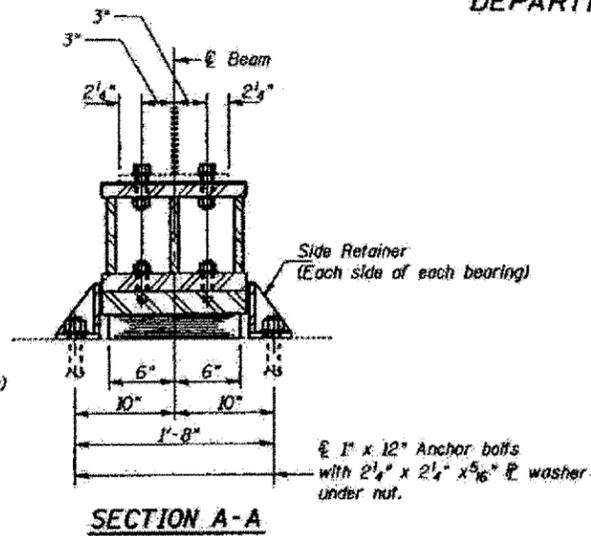


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

VARIOUS COUNTIES
D-9 BRIDGE PAINTING FY 06-1
SHEET 18 OF 40
CONTRACT 98941



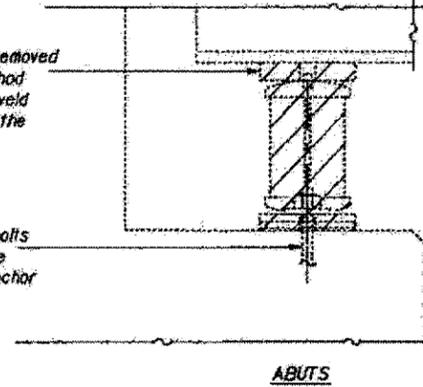
ELEVATION AT W. ABUT.



SECTION A-A

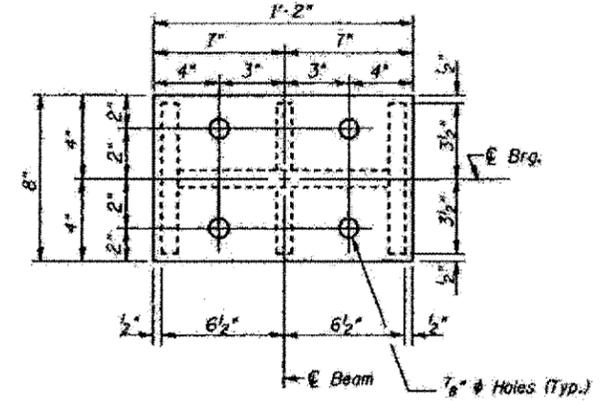
Existing Plate to be removed using the air-arc method and grind smooth all weld material remaining on the bottom flange.

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



EXISTING BEARING REMOVAL DETAILS

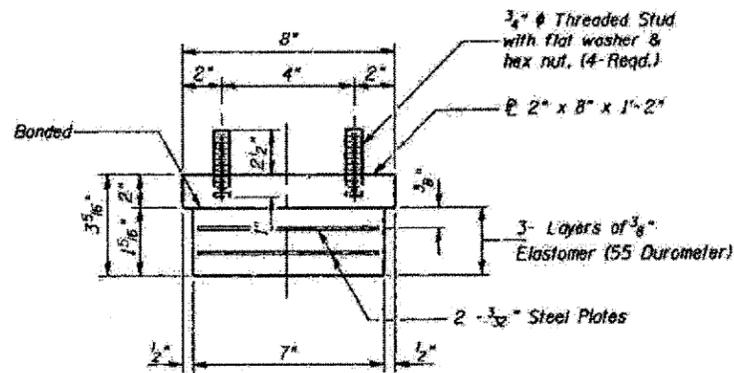
Cost is included with Jack and Remove Existing Bearings



PLAN-TOP & BOTTOM PLATE

TYPE I ELASTOMERIC EXP. BRG.

Notes: See sheet 151 for Anchor Bolt Installation.

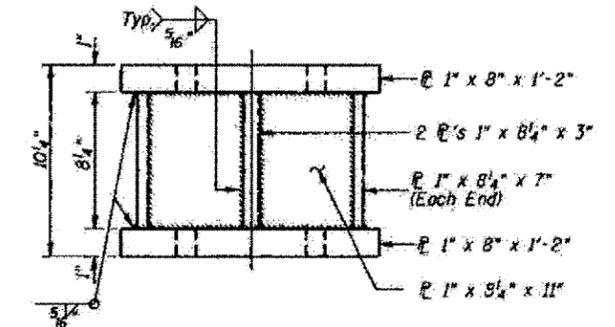


BEARING ASSEMBLY

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

GIRDER REACTIONS

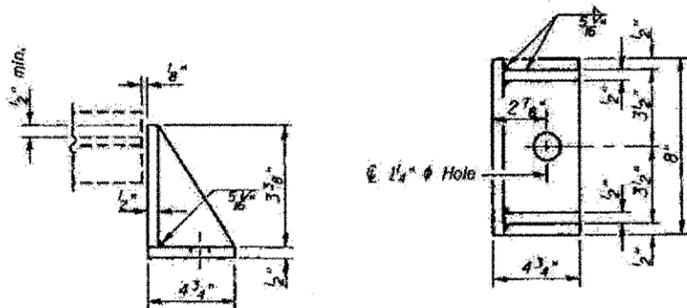
RP	(K)	21.81
RL	(K)	35.36
Imp.	(K)	10.61
R (Total)	(K)	67.78



STEEL EXTENSION AT WEST ABUT.

BILL OF MATERIAL

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



SIDE RETAINER

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

Notes:

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 35 Tons.

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

Hatched areas indicate Jack and Remove Existing Bearings.

Existing diaphragm removal and new diaphragm erection shall be coordinated with drilling holes in bottom flange for bearing attachment, if necessary, to provide clearance for the drill.

DESIGNED:	CMW
CHECKED:	TWH
DRAWN:	CMW
CHECKED:	TWH

BRIDGES NO. 2 AND NO. 3
STRUCTURES 064-0017 064-0018
FOR INFORMATION ONLY

WEST ABUTMENT
TYPE I ELASTOMERIC BEARING
MASSAC COUNTY
S.N. 064-0017 (W.B.)
S.N. 064-0018 (E.B.)