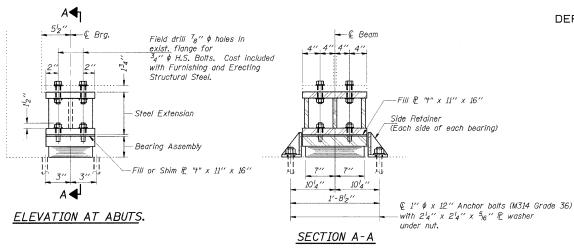
#### STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



#### TYPE I ELASTOMERIC EXP. BRG.

 $^{3}_{4}^{\prime\prime}$   $\phi$  Threaded Stud with flat washer & hex nut. (4-Reqd.) £ 158" x 11" x 16"

- Layers of 7<sub>16</sub>''

-7 - <sup>l</sup>a" Steel Plates

€ 1'4" ¢ Hole

SIDE RETAINER

Equivalent rolled angle with stiffeners will be allowed in lieu

 $\oplus$ 

BEARING ASSEMBLY

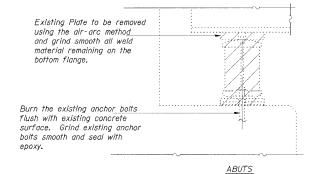
Note: Shim plates shall not be placed under Bearing Assembly.

of welded plates.

### GIRDER REACTIONS

R₽	(K)	61	
R4	(K)	49	
Imp.	(K)	10	
R (Total)	(K)	120	

R₽	(K)	61
RŁ.	(K)	49
Imp.	(K)	10
R (Total)	(K)	120

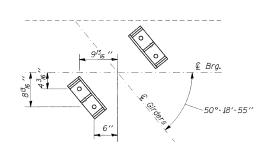


## EXISTING BEARING REMOVAL DETAIL

Cost is included with Jack and Remove Existing Bearings

## DIMENSION "T"

SN. 044-0031						
Beam #	1	2	3	4	5	6
N. Abut.	0	0	4"	0	0	0
S. Abut.	0	0	1''	5"	0	0



Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s)

and diameter(s) specified. ASTM A307 Grade anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified

grade of AASHTO M314 anchor bolts may be used

Elastomeric Bearing Assembly, Type I.

The minimum jack capacity required is 70 Tons.

Existing cross frame removal and reinstallation

bearing details.

Structural Steel".

may be required to facilitate drilling holes, cost to be included with "Jack and Remove Existing Bearings".

New steel extensions, connection bolts, Fill f2's and Shim P's are included in "Furnishing and Erecting

Prior to ordering any material, the Contractor shall verify

in the field all bearing height and shim thickness dimensions. Two  $^{\prime}_{8}$  in. adjusting shims shall be provided for each bearing

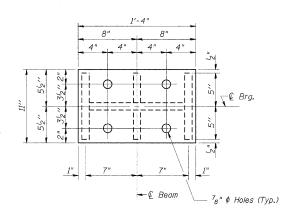
in addition to all other plates or shims and placed as shown on

in lieu of ASTM F1554.

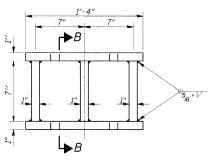
Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.

Side retainers and other steel members required for the bearing assembly shall be included in the cost of

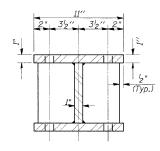
# ANCHOR BOLT LAYOUT



#### PLAN-TOP & BOTTOM PLATE



STEEL EXTENSION DETAIL



SECTION B-B

## BILL OF MATERIAL (Both Abuts.)

Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	12
Anchor Bolts, 1"	Each	48
Jack and Remove Existing Bearings	Each	12

# **BEARING DETAILS** STRUCTURE NO. 044-0031

