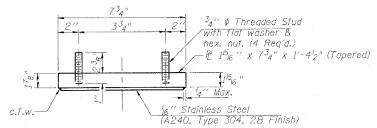
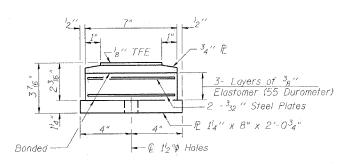


SECTION A-A

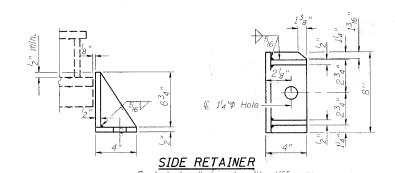
TYPE II ELASTOMERIC EXP. BRG.



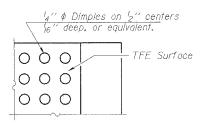
TOP BEARING ASSEMBLY



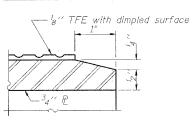
BOTTOM BEARING ASSEMBLY



or a Tree sheet author valuation proprovided the process and method of adjapproved by the Engineer.

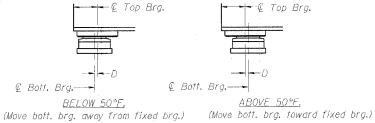


PLAN-TFE SURFACE



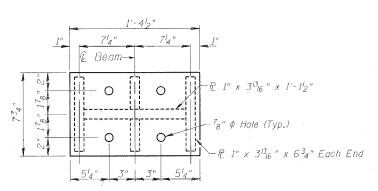
SECTION THRU TFE

The 'g" TFE sheet shall be bonded directly to the top steel plate with a two-component, medium viscosity epoxy resin, conforming to the requirements of the Federal Specification MMM-A-134, Type I. The bond agent shall be applied on the full area of the contact surfaces. Bonding of 'g" TFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.



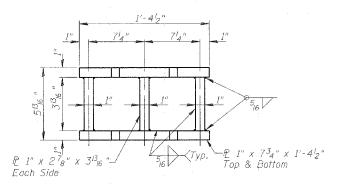
SETTING ANCHOR BOLTS AT E. ABUTMENT

 $D=^{\prime}8^{\prime\prime}$ per each 100° of expansion for every 15° temp. change from the normal temp. of 50°F.



Contract #72449

PLAN TOP AND BOTTOM PLATE



STEEL EXTENSION DETAIL

Weight included with Structural Steel

NOTES:

See Existing Bearing Removal Detail Sheet 11 of 20.

See Jacking Existing Superstructure notes Sheet 11 of 20.

The top bearing assembly shall be installed with the thicker edge of tapered plate oriented towards the East.

See sheet 18 of 20 for Anchor Bolt installation.

Cost of Field Drilling Holes in Existing Beams included in cost of Furnishing and Erecting Structural Steel.

Shim Plate Thickness "t" (in.)							
Beam #	1	2:	3	4	5	6	
E. Abut.	38		-	l ₈	14	78	

** In addition to shims listed on the table above, provide one '4" shim, one '8" shim, and one '16" shim for height adjustment. Weight included with Structural Steel.

BILL OF MATERIAL

ITEM	UNIT	QUANTİTY
Elastomeric Bearing Assembly Type II	Each	6
Jack and Remove Existing Bearings	Each	6

ILLINOIS DEPARTMENT OF TRANSPORTATION

E. ABUTMENT BEARING DETAILS

OLD U.S. ROUTE 36 OVER
N.B. 7TH STREET RAMP
F.A.U. ROUTE 7978
SECTION BR-2
SANGAMON COUNTY
STA. 192+62.16

STRUCTURE NUMBER 084-0053
DRAWN BY: NJV
DATE: JAN. 2005 CHECKED BY: PE

will be allowed in lieu of welded plates.

Weight included with Structural Steel.