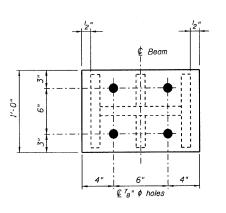


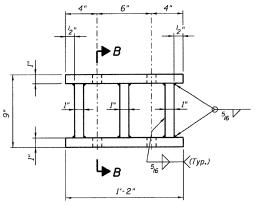
ROUTE NO.	SECTION	COUNTY		SHEETS	NO.
FAS 1539	•	MACON	ı	57	22
FED.ROAD DIS	T.NO.	ILLINOIS	PROJE	CT	

*00-00155-00-BR

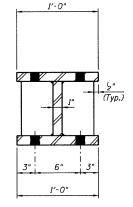


<u>PLAN STEEL EXTENSION</u>

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



ELEVATION STEEL EXTENSION



SECTION B-B

FABRICATED STEEL EXTENSION

(10 required)

Notes:

Anchor boits shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. ASTM A307 Grade C anchor botts may be used in lieu of ASTM F1554 Grade 36 (Fy=36ksi). The corresponding specified grade of AASHTO M314 anchor botts may be used in lieu of ASTM F1554.

In lieu of ASTM F1554.

Anchor bolts at fixed bearings may be either cast in place or installed in holes drilled after the supported member is in place.

member is in place.

Anchor bolts for Type II bearings shall be placed in holes drilled in the concrete through holes in the bottom bearing plate after members are in place. Side retainers shall be placed ofter bolts are installed.

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

The 'g'' PTFE 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'' PTFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.

Side retainers, anchor bolts and other steel members required for the bearing assembly shall be included in the cost of Elastomeric Bearing Assembly, Type II.

TABLE OF SHIM PLATE THICKNESSES ("t" in inches)

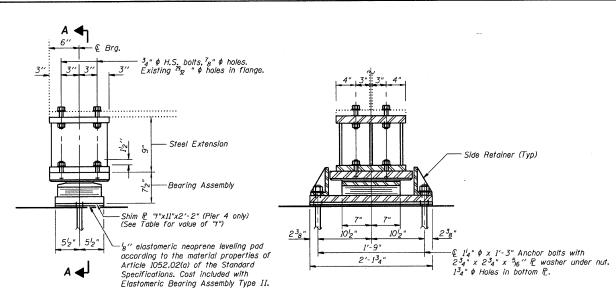
	Girder 1	Girder 2	Girder 3	Girder 4	Girder 5
Pier 4	110"				

<u>BILL OF MATERIAL</u>

Item	Unit	Total
Elastomeric Bearing Assembly Type II	Each	10
Jack and Remove Existing Bearings	Each	10

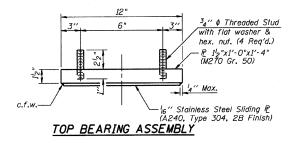
SOUTH ABUTMENT & PIER NO. 4 UNIT 1 WYCKLES ROAD OVER THE SANGAMON RIVER

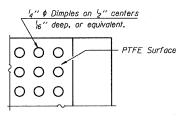
REVISIONS	FAS 1539 SECTION 00-00155-00-BR	DRAWN BY DATE R KING 9/08
No. DATE INITIALS	STA 30+50.00 SN 058-3030 MACON COUNTY	CHECKED BY DAT JMB 9/0
3	HOMER L. DECATUR CHICAGO	BOOK NUMBER 389
5 6	CHASTAIN (217) 422-8544 (775) 714-0050 & ASSOCIATES, LLP	PROJECT No. 4698
8 9	CONSULTING ENGINEERS 184-00197 ROCKFORD (815) 489-0050	SHEET No.



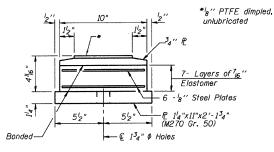
ELEVATION AT SOUTH ABUTMENT AND PIER 4 UNIT 1

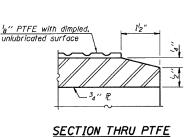
SECTION A-A





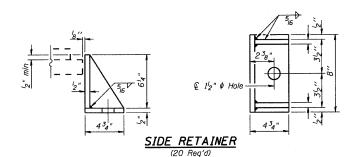
PLAN-PTFE SURFACE





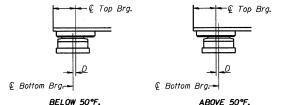
BOTTOM BEARING ASSEMBLY

TYPE II ELASTOMERIC EXPANSION BEARING



Equivalent rolled angle with stiffeners

will be allowed in lieu of welded plates.



BELOW 50°F.
(Move bottom. brg. away from fixed brg.)(Move bottom. brg. toward fixed brg.)

SETTING ANCHOR BOLTS AT EXP. BRG.

 $D=\frac{1}{8}$ " per each 100' of expansion for every 15° temp. change from the normal temp. of 50°F.

I-2E-2 5-16-08