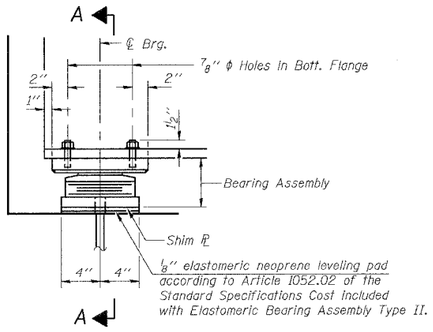
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

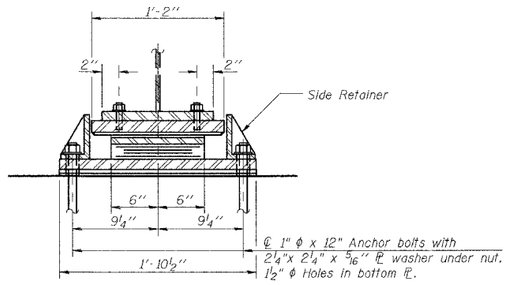
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI-55	**	WILL	505	359
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 18
32 SHEETS

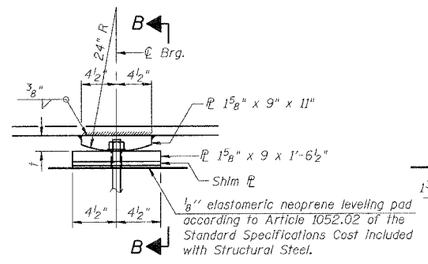
** SECTION 2006-032 BY
CONTRACT NO. 60B86



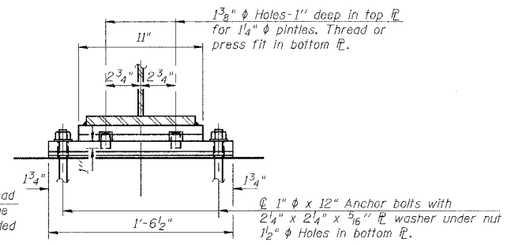
ELEVATION AT S. ABUT. (NB & SB)



SECTION A-A



ELEVATION AT PIER 2 (NB & SB)



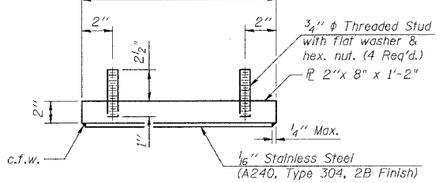
SECTION B-B

TYPE II ELASTOMERIC EXP. BRG.

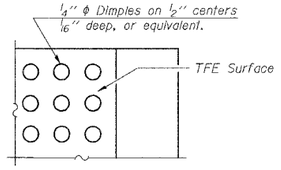
(2 Req'd NB, 2 Req'd SB)

FIXED BEARING

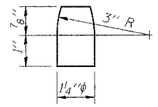
(2 Req'd NB, 2 Req'd SB)



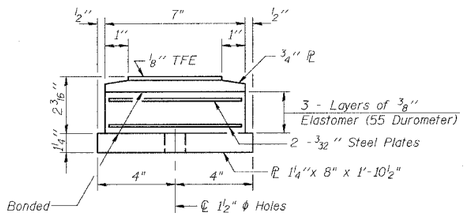
TOP BEARING ASSEMBLY



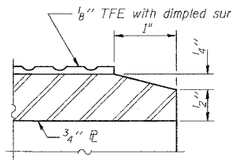
PLAN-TFE SURFACE



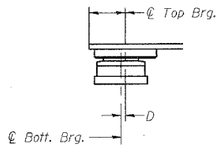
PINTLE



BOTTOM BEARING ASSEMBLY

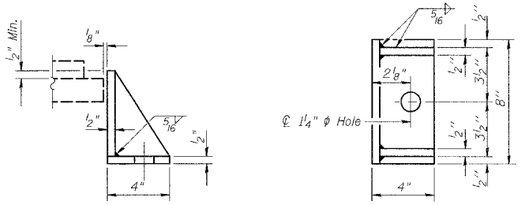


SECTION THRU TFE



SETTING ANCHOR BOLTS AT EXP. BRG.

(D=1/8" per each 100° of expansion for every 15° temp. change from the normal temp. of 50°F)



SIDE RETAINER

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

Notes:

1. The 1/8" 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.

2. Bonding of 1/8" TFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.

3. See Sheet No. 25 for Anchor Bolt Installation.

4. Anchor bolts at fixed bearings may be built into the masonry.

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type II	Each	4

DESIGNED	J.ZUO
CHECKED	J.GRAINAWI
DRAWN	Z.MORILLO
CHECKED	J.GRAINAWI

Date: 6/30/2006

LOW-PROFILE FIXED AND ELASTOMERIC BEARING ASSEMBLY TYPE II
I-55 OVER MS (ABANDONED) R.R.
FAI ROUTE 55-SEC. 2006-032 BY
WILL COUNTY
STA. 710+34.86
STRUCTURE NO. 099-0022 (NB)
STRUCTURE NO. 099-0023 (SB)

PB PARSONS BRINCKERHOFF

6/30/2006 4:20:21 PM G:\10817A\Struct\Cadd\Pre-Final\MS RR\Final Bridge Contract\092209-60B86-000-000-016.dgn