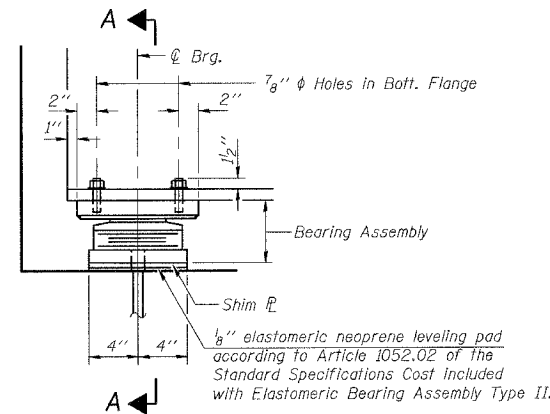


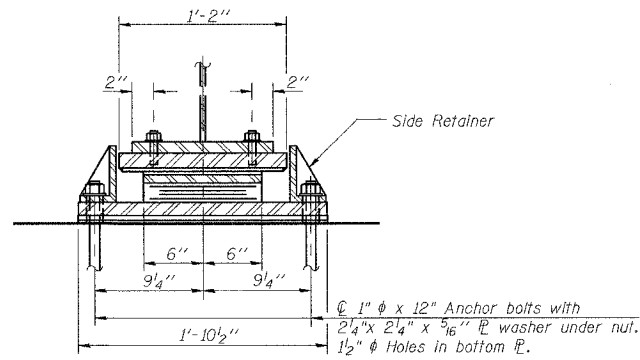
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET	SHEET NO. 10
FAI-55	**	WILL	50	47	13 SHEETS
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT			

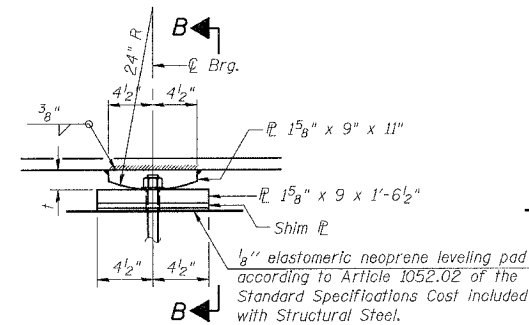
** SECTION 2005-063 I
CONTRACT NO. 60A67



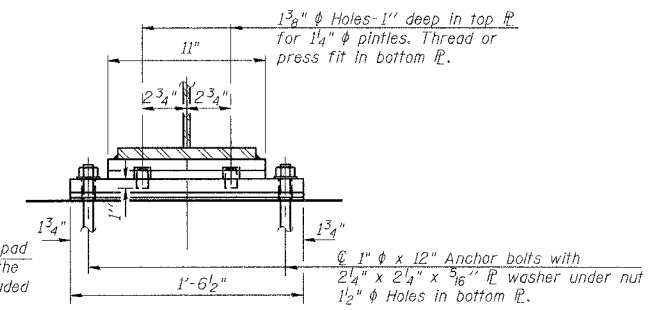
ELEVATION AT S. ABUT. (NB & SB)



SECTION A-A



ELEVATION AT PIER 2 (NB & SB)



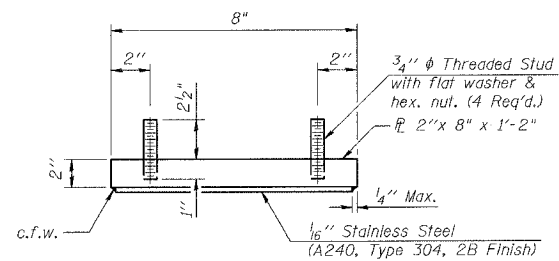
SECTION B-B

TYPE II ELASTOMERIC EXP. BRG.

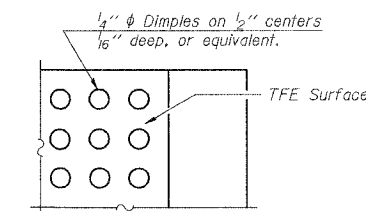
(2 Req'd NB, 2 Req'd SB)

FIXED BEARING

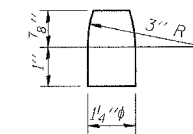
(2 Req'd NB, 2 Req'd SB)



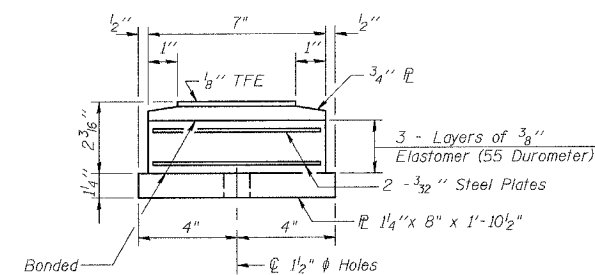
TOP BEARING ASSEMBLY



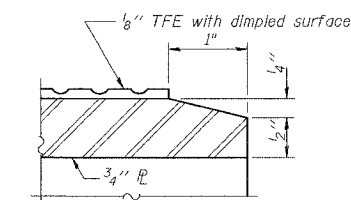
PLAN-TFE SURFACE



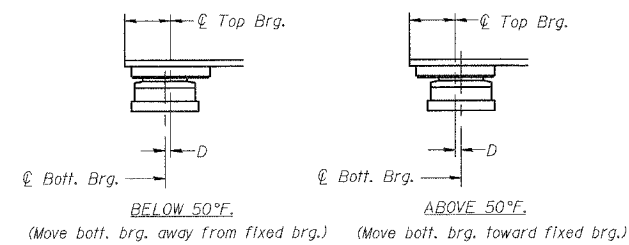
PINTLE



BOTTOM BEARING ASSEMBLY

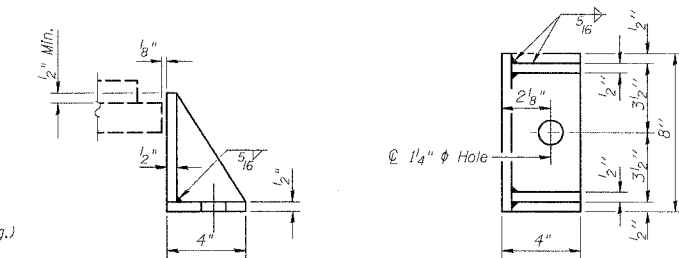


SECTION THRU TFE



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:

- 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.
- 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.
- See Sheet No. 11 for Anchor Bolt installation.
- Anchor bolts at fixed bearings may be built into the masonry.

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type II	Each	4

LOW-PROFILE FIXED AND ELASTOMERIC BEARING ASSEMBLY TYPE II
I-55 OVER MS (ABANDONED) R.R.
FAI ROUTE 55-SEC. 2005-063 I
WILL COUNTY
STA. 710+34.86
STRUCTURE NO. 099-0022 (NB)
STRUCTURE NO. 099-0023 (SB)



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

Date: 5/15/2006