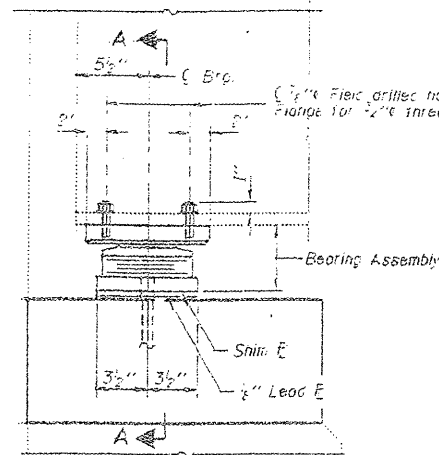


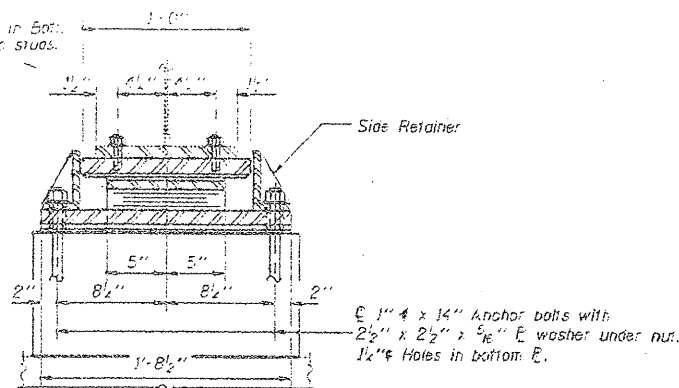
Location 2 S.N. 090-0075 Bearings Plan Information Only

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

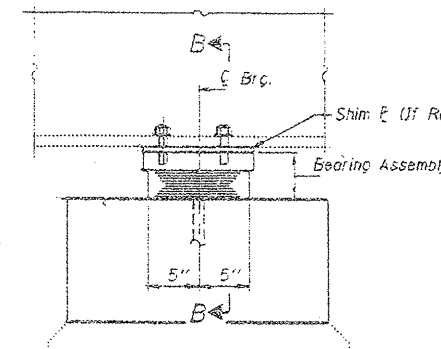
PROJECT NO.	DATE	DESIGNER	SCALE	SHEET NO.
F.A.I. 74	(90-154) (E-31)	TAZEWELL		90
SHEET NO. 13				21 SHEETS



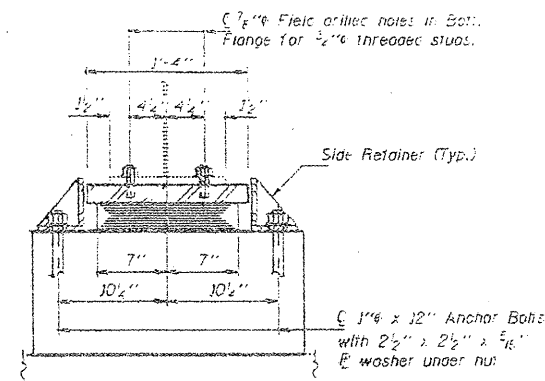
ELEVATION AT ABUTS.



SECTION A-A



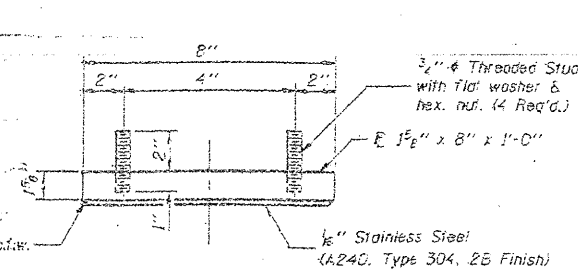
ELEVATION AT PIERS #1 & #3



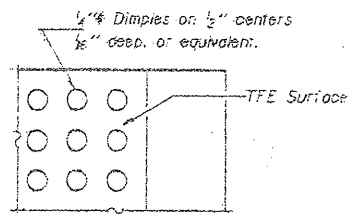
SECTION B-B

TYPE II TFE ELASTOMERIC EXP. BRG.

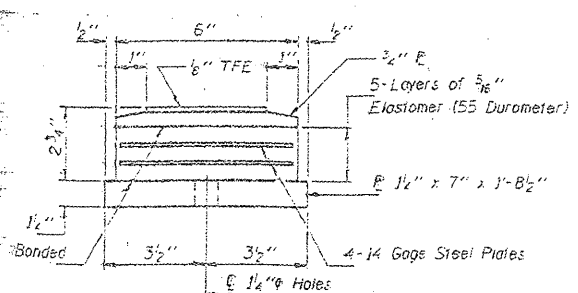
(12 Required)



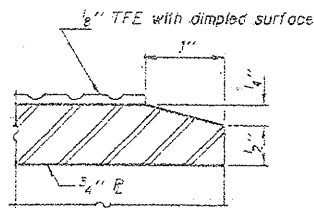
TOP BEARING ASSEMBLY



PLAN-TFE SURFACE

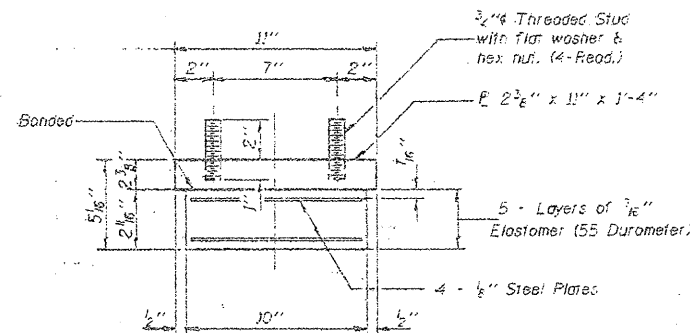


BOTTOM BEARING ASSEMBLY



SECTION THRU TFE

Notes: See sheet #14 of 21 for Anchor Bolt installation.
For existing bearing removal details, see sh. #12 of 21.
Cost of field drilling holes in bottom flange for bearings is incidental to "Structural Steel".



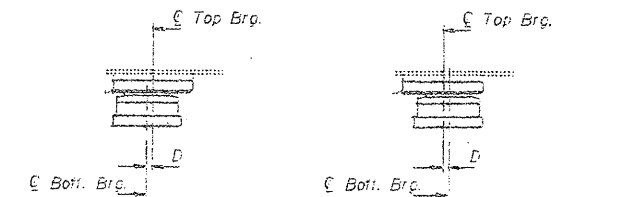
BEARING ASSEMBLY
Note: Shim plates shall not be placed under Bearing Assembly.

BILL OF MATERIAL

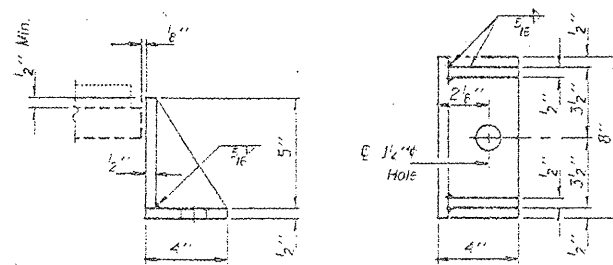
Item	Unit	Total
Elastomeric Bearing Assembly Type I	Each	12
Elastomeric Bearing Assembly Type II	Each	12

Note: The 1/2" 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 MMK-A-134, Type 1. The bonding agent shall be applied on the full area of the contact surfaces. Bonding of 1/2" TFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.

DESIGNED <i>Mark P. Thomas</i>	March 30 1994
CHECKED <i>Chris M. Egan</i>	EXAMINED <i>Gregory J. Lopez</i>
DRAWN <i>Shane Sumner</i>	PASSED <i>Ralph E. Anderson</i>
CHECKED <i>MPT CME</i>	



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.

BEARING DETAILS
F.A.I. RT. 74, SEC. (90-154B-3)I
TAZEWELL COUNTY
STA. 765+17.14

Add Sheet
10A