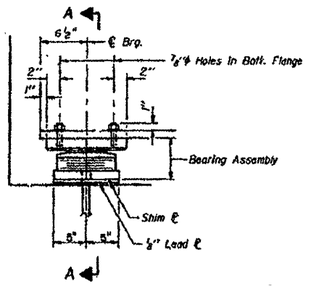
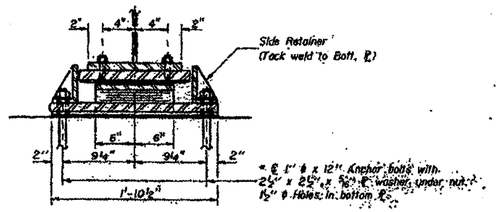
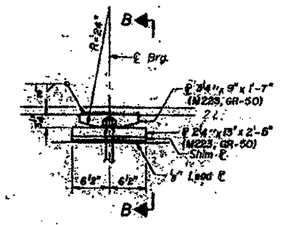
LOCATION 3 STRUCTURE NO. 029–0056
IL 78 & 97
OVER SPOON RIVER
INFORMATION ONLY



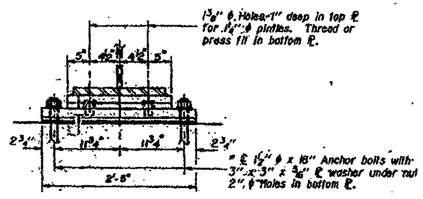
ELEVATION AT NORTH ABUT.



SECTION A-A

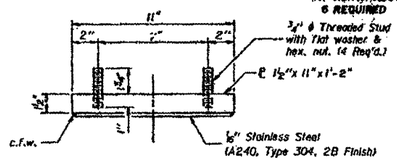


ELEVATION AT PIER 2

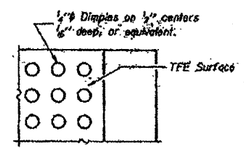


SECTION B-B

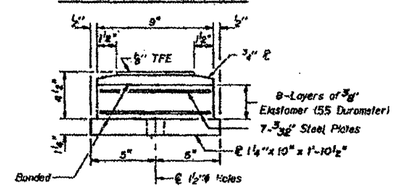
TYPE II TFE ELASTOMERIC EXP. BRG.
(AT NORTH ABUT.)
6 REQUIRED



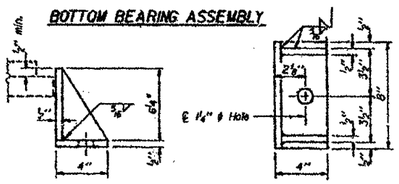
TOP BEARING ASSEMBLY



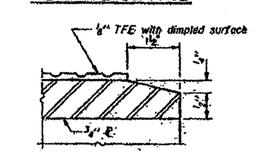
PLAN-TFE SURFACE



BOTTOM BEARING ASSEMBLY



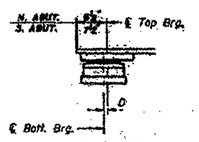
SIDE RETAINER
Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates.



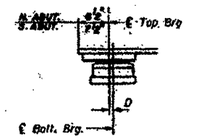
SECTION THRU TFE

Note: The ⅛" 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, Mild A-134, Type I. The bond agent shall be applied on the full area of the contact surfaces.

Bonding of ⅛" TFE sheet using vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.



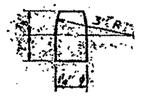
BELOW 50°F.
(Move bott. brg. away from fixed brg.)



ABOVE 50°F.
(Move bott. brg. toward fixed brg.)

* Holes, Anchor bolts at fixed bearings, may be built into the masonry. See sheet #23 for Anchor Bolt Installation.

FIXED BEARING
(AT PIER 2)
6 REQUIRED



PINTLE

FILE NAME = 68996 4-29-2011.dgn	USER NAME = inglistj	DESIGNED - ___	REVISED - ___	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - ___	REVISED - ___			var	D4 Bridge Metalizing 2011	FULTON	19	16
	PLOT SCALE = 28.7483 ' / IN.	CHECKED - ___	REVISED - ___						CONTRACT NO. 68996	
	PLOT DATE = 2/14/2011	DATE - ___	REVISED - ___		SCALE: ___ SHEET NO. __ OF ___ SHEETS STA. ___ TO STA. ___				ILLINOIS FED. AID PROJECT	