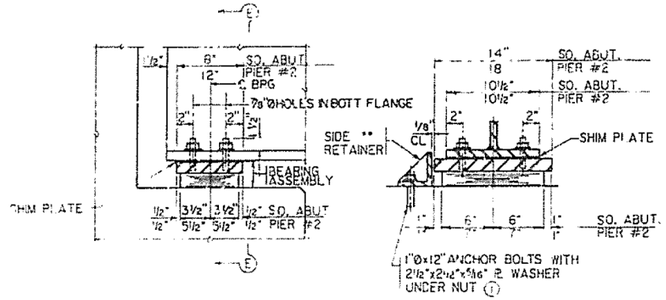
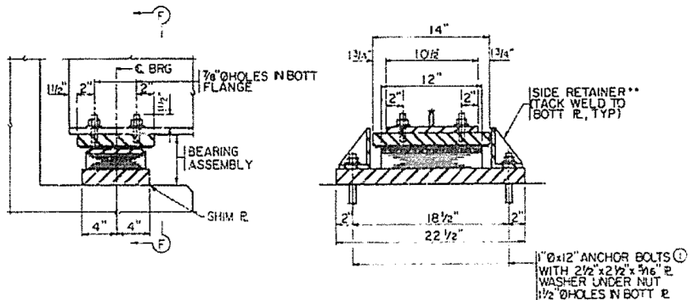
LOC.5 S.N. 090-0127



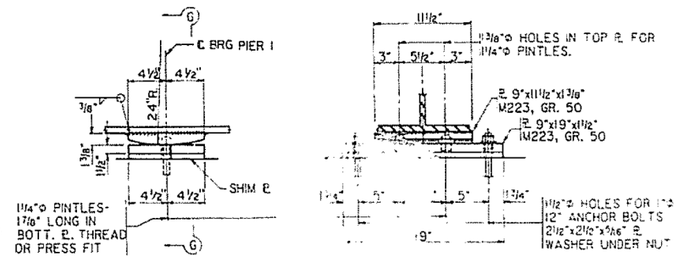
SECTION AT SO. ABUT & PIER #2

SECTION E-E



SECTION AT NO. ABUT

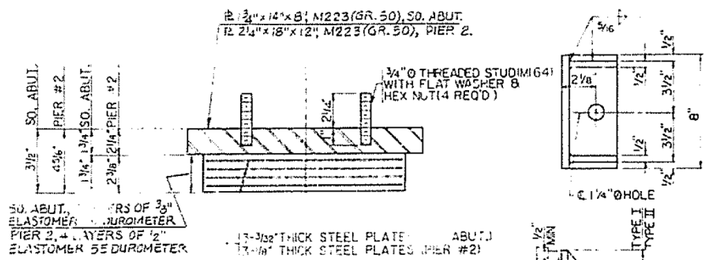
SECTION F-F



SECTION AT PIER 1

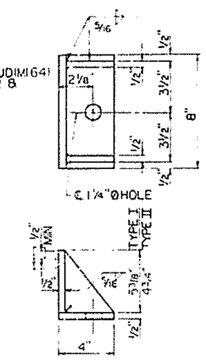
SECTION G-G

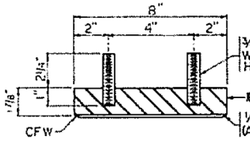
FIXED BEARINGS
(4 REQ'D AT PIER #1)



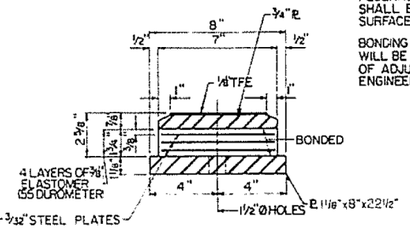
BEARING ASSEMBLY

NOTE SHIM PLATES SHALL NOT BE PLACED UNDER BEARING ASSEMBLY





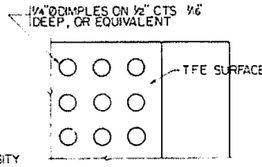
TOP BEARING ASSEMBLY



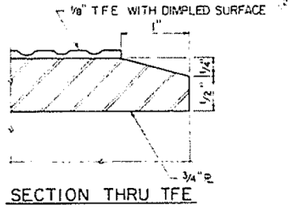
BOTTOM BEARING ASSEMBLY

NOTE (2) 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 SPEC MMM-A-134, TYPE I. THE BOND AGENT SHALL BE APPLIED ON THE FULL AREA OF THE CONTACT SURFACES

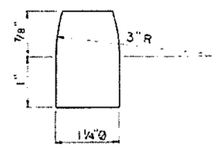
BONDING OF 1/8" TFE SHEET DURING VULCANIZING PROCESS WILL BE PERMITTED PROVIDED THE PROCESS AND METHOD OF ADJUSTING ASSEMBLY HEIGHT IS APPROVED BY THE ENGINEER.



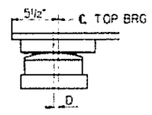
PLAN-TFE SURFACE



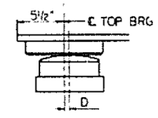
SECTION THRU TFE



PINTLE



BELOW 50°F
(MOVE BOTT BRG AWAY FROM FIXED BRG)



ABOVE 50°F
(MOVE BOTT BRG TOWARD FIXED BRG)

TYPE I ELASTOMERIC EXPANSION BEARING
(4 REQ'D AT SO. ABUTMENT)
(4 REQ'D. AT PIER #2)

TYPE II TFE ELASTOMERIC EXPANSION BEARING
(4 REQ'D AT NO. ABUTMENT)

**SIDE RETAINERS TO BE USED AT INSIDE FACE OF EXTERIOR STRINGERS ONLY (TYPE I) AND AT EACH FACE OF EACH STRINGER (TYPE II). EQUIVALENT ROLLED ANGLE WITH STIFFENERS WILL BE ALLOWED IN LIEU OF WELDED PLATES.

FILE NAME = c:\users\aubreygs\desktop\68b49\68B49 2014 Metalizing.dgn	USER NAME = aubreygs	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 2/14/2014	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION 5 BEARING DETAIL
INFORMATION ONLY

SCALE: | SHEET OF SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	04 Bridge Metalizing 2014	Various	23	15
		CONTRACT NO. 68B49		
	ILLINOIS FED. AID PROJECT			