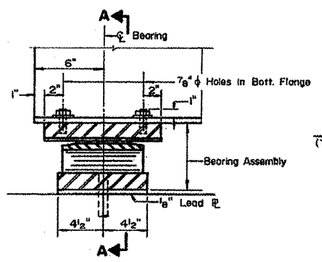
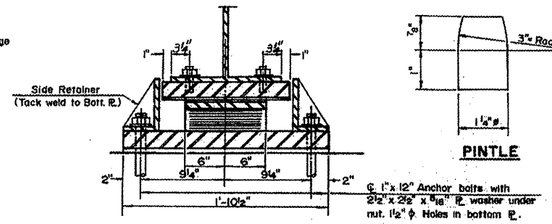
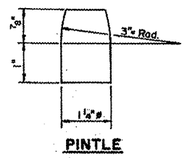
Location 4 S.N. 102–0046 Information Only



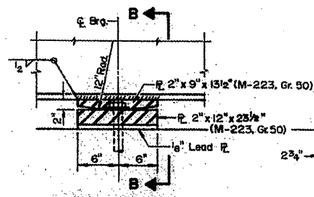
SECTION AT W. ABUT.



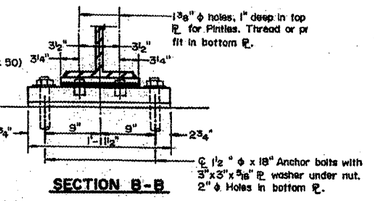
SECTION A-A



PINTLE



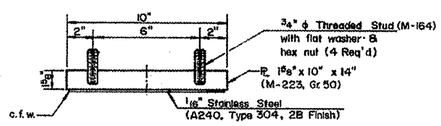
SECTION AT PIER



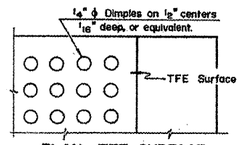
SECTION B-B

FIXED BEARING
(Pier # 2)

TYPE II TFE ELASTOMERIC EXP BRG.
(At W. Abutments)

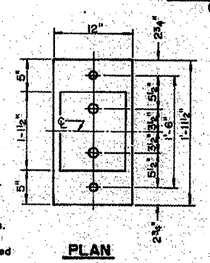


TOP BEARING ASSEMBLY

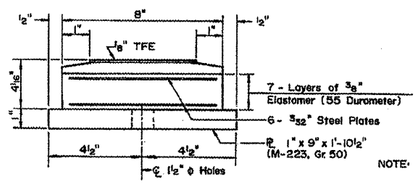


PLAN - TFE SURFACE

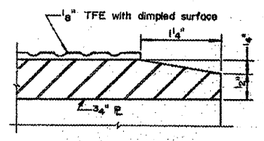
NOTE:
Bearing seat surfaces shall be constructed or adjusted to the designated elevs. within a tolerance of 1/8 inch. Adjustment shall be made either by grinding the surface or by shimming the bearing. Two 1/8 inch adjusting shims, of the dimensions of the bottom bearing PL, shall be provided for each bearing in addition to all other PLs or shims. (For Type I Elastomeric Bearings, shims of the dimensions of top PL shall be provided and placed as detailed.



PLAN

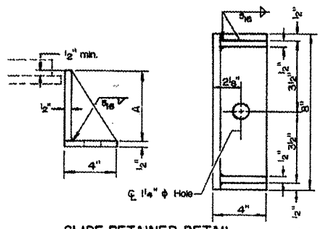


BOTTOM BEARING ASSEMBLY



SECTION THRU TFE

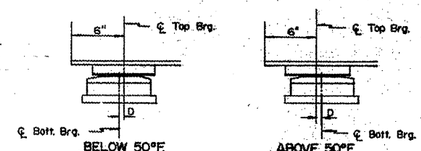
NOTE: The 1/8" TFE sheet shall be bonded directly to the top steel plate with a two-component, medium viscosity epoxy resin, conforming to the requirements of the Federal Specification MMM-A-134, Type I. The bond agent shall be applied on the full area of the contact surfaces.
Bonding of 1/8" TFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.



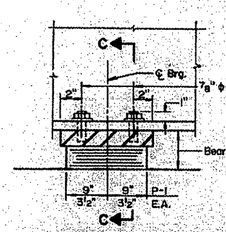
SLIDE RETAINER DETAIL

NOTE: Equivalent rolled angle with stiffeners will be allowed in lieu of welded plates

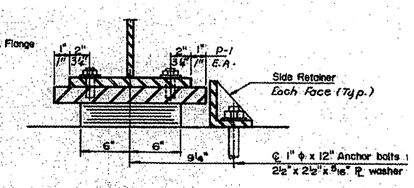
A = 5 3/4" W.A.
A = 3 3/4" E.A.
A = 5 1/2" P-1



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.

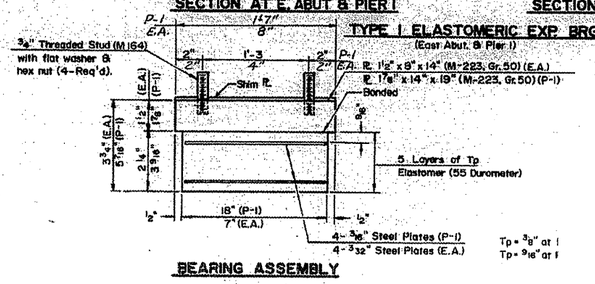


SECTION AT E. ABUT & PIER I



SECTION C - C

TYPE I ELASTOMERIC EXP BRG.
(East Abut. & Pier I)



BEARING ASSEMBLY

FILE NAME = 68A62 Metalizing.dgn	USER NAME = AdodaSA	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			
		DRAWN -	REVISED -				
	PLOT SCALE = 1.8883 ' / in.	CHECKED -	REVISED -				
	PLOT DATE = 12/29/2011	DATE -	REVISED -				

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Var	04 Metalizing 2012	Marshall-Woodford	21	17
		CONTRACT NO. 68A62		
		ILLINOIS FED. AID PROJECT		