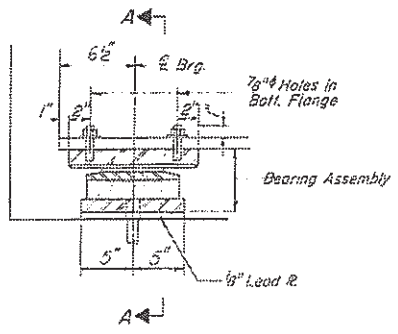
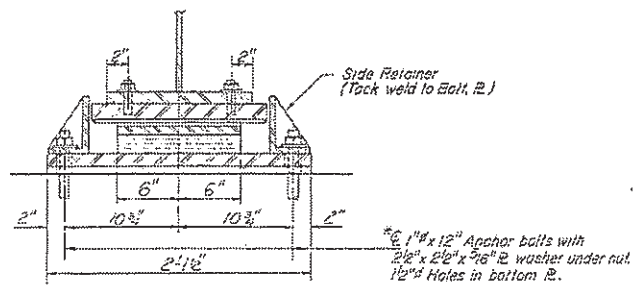
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

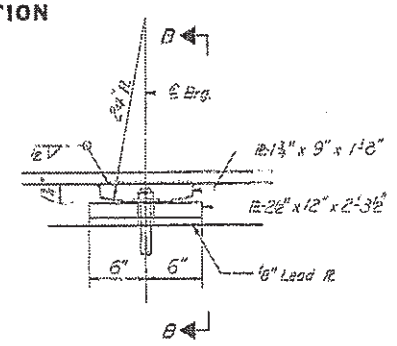
					SHEET NO. 13
					22 SHEETS
149	1-4B	ADAMS	40	25	



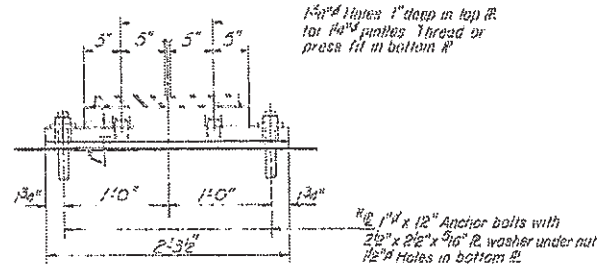
SECTION AT 50. ABUT.



SECTION A-A



ELEVATION AT PIER 2

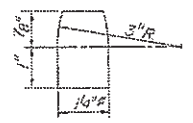


SECTION B-B

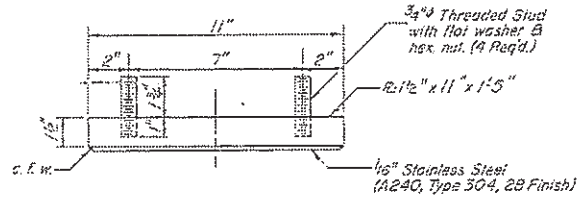
TYPE II TFE ELASTOMERIC EXP. BRG.

*Note: After beams have been erected holes at expansion bearings shall be drilled and anchor bolts grouted in place. Anchor bolts at fixed bearings may be built into the masonry.

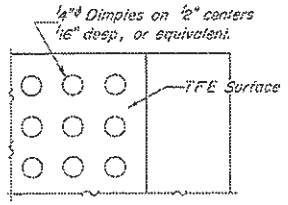
FIXED BEARING



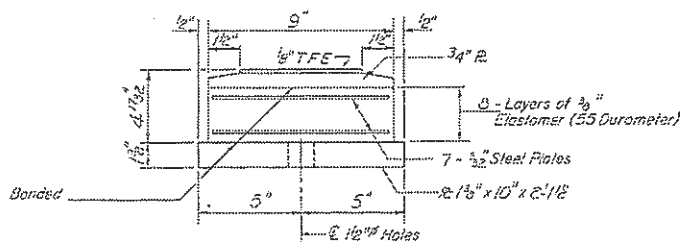
PINTLE



TOP BEARING ASSEMBLY



PLAN - TFE SURFACE



BOTTOM BEARING ASSEMBLY

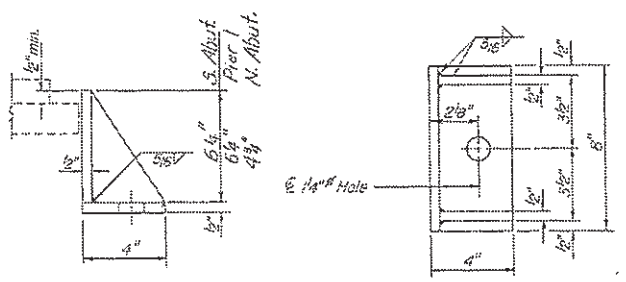
SECTION THRU TFE

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 MMM-A-134, Type I. The bond agent shall be applied on the full area of the contact surfaces.

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

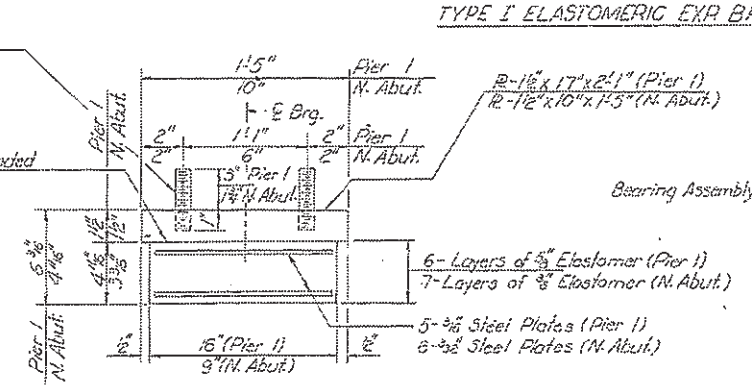
SECTION AT PIER 1

SECTION C-C



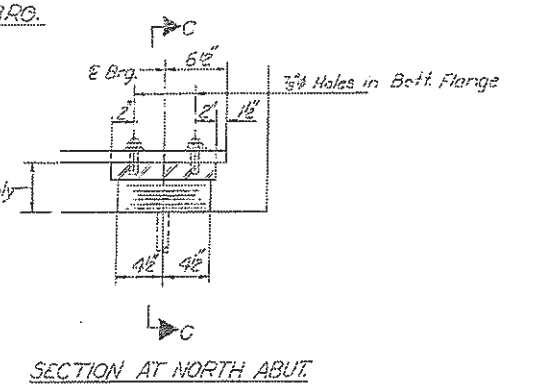
SIDE RETAINER

Quantity included with Structural Steel.

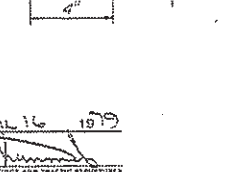


BEARING ASSEMBLY

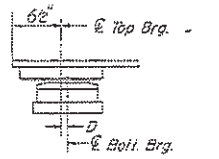
TYPE I ELASTOMERIC EXP. BRG.



SECTION AT NORTH ABUT.



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



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

SETTING ANCHOR BOLTS AT EXP. BRG. TYPE II

D = ⅛" per each 100' of expansion for every 15° temp. change from the normal temp. of 50°F.

DESIGNED	Dan Krull	April 16 1979
CHECKED	Matthew Pontarelli	EXAMINED
DRAWN	R. Doty	PASSED
CHECKED	GR	APPROVED

ENGINEER OF BRIDGES
DIRECTOR OF HIGHWAYS

I-2-E2 12-1-78

BEARING DETAILS
F.A. RT. 408 SEC. 1-4B
ADAMS COUNTY
STA. 149+80.00

FILE NAME =	USER NAME = kadirmo	DESIGNED -	REVISED -	
o:\operations\bridgeplans.cad\72h36 - 1-72 bridge paint 2015\plansheet.dgn		DRAWN -	REVISED -	
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
Default	PLOT DATE = Aug-19-2014 12:08:47PM	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXSITING SN: 001-005556
FOR INFORMATION ONLY

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
172	06 BDGE PAINTING 2015	ADAMS	30	13
		CONTRACT NO. 72H36		
	ILLINOIS FED. AID PROJECT			