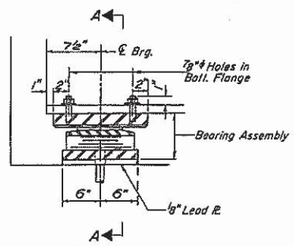
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

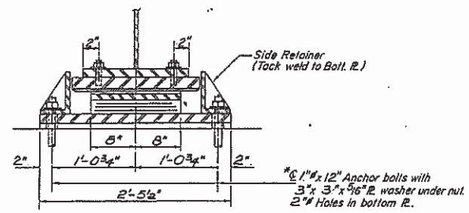
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.S.N. FA310	##	HANCOCK	40	30
FED. ROAD DIST. NO. 5	ILLINOIS	FED. AID PROJECT		

SHEET NO. 8
// SHEETS

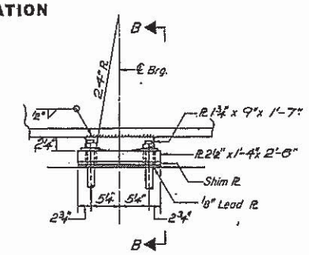
*120(N-3,R5-3), 120 R & 120 BR-3



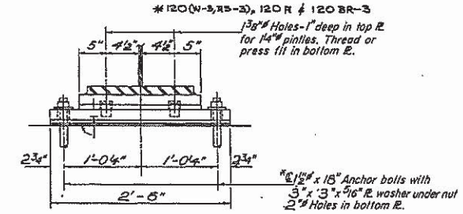
SECTION AT ABUT.



SECTION A-A



ELEVATION AT PIER

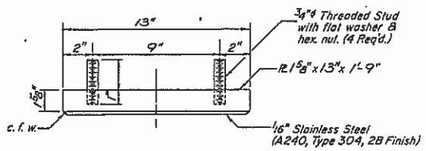


SECTION B-B

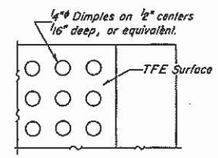
FIXED BEARING

TYPE II TFE ELASTOMERIC EXP. BRG.

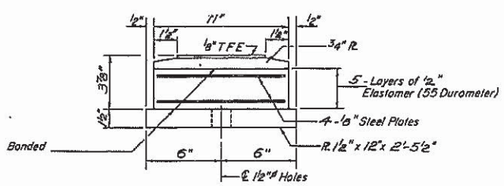
*Note: After girders have been erected holes at expansion bearings shall be drilled and anchor bolts grouted in place. Anchor bolts at fixed bearings may be built into the masonry.



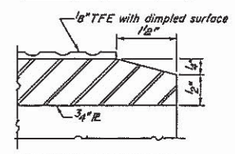
TOP BEARING ASSEMBLY



PLAN-TFE SURFACE



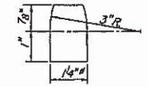
BOTTOM BEARING ASSEMBLY



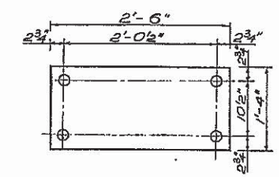
SECTION THRU TFE

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.

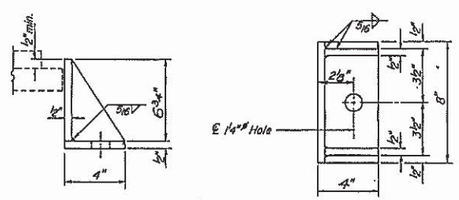
Bonding of ⅛" TFE sheet during vulcanizing process will be permitted provided the process and method of adjusting assembly height is approved by the Engineer.



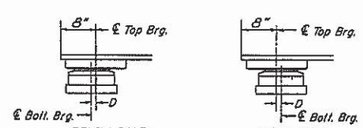
PINTLE



BOTT. PLATE FOR PIER



SIDE RETAINER



BELOW 50°F (Move bolt. brg. away from fixed brg.)
ABOVE 50°F (Move bolt. brg. toward fixed brg.)

SETTING ANCHOR BOLTS AT EXP. BRG.
D = ⅛" per each 100' of expansion for every 15° temp. change from the normal temp. of 50°F.

DESIGNED	Steve K. Meyer
CHECKED	R. Mattson
DRAWN	V.H.
CHECKED	R.W.

EXAMINED — July 18, 1978
PASSED — ENGINEER OF DESIGN
APPROVED — DIRECTOR OF HIGHWAYS

I-2-E2 12-1-78

BRG. DETAILS

F.A.RTE.510 SEC. 120 BR-3

HANCOCK COUNTY

STA. 890+62.50

FILE NAME = D:\OPERATIONS\Bridgeplans_CAD\72H37 - beam and point FY15 CM\plansheet.dgn	USER NAME = dudleybm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING PLANS SN 034-0058 (FOR INFORMATION ONLY)	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -			VAR.	D6 BDGE PAINTING 2015-1	VARIOUS	58	45
		CHECKED -	REVISED -			CONTRACT NO. 72H37				
Default	PLOT DATE = Aug-20-2014 02:17:53PM	DATE -	REVISED -		SCALE: ___ SHEET ___ OF ___ SHEETS STA. ___ TO STA. ___	ILLINOIS FED. AID PROJECT				