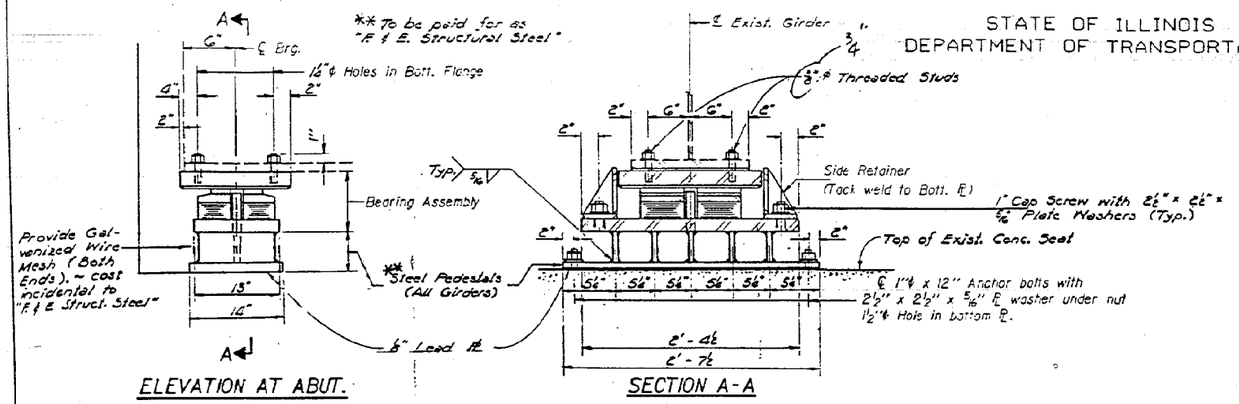
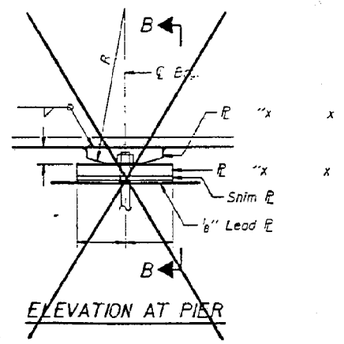
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

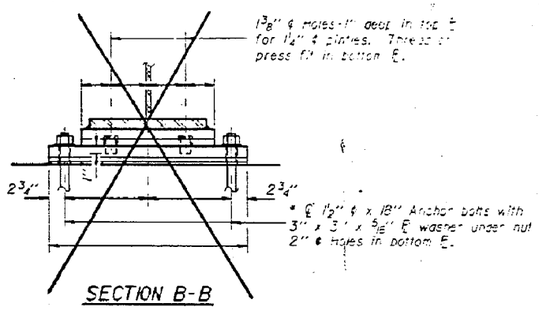
SHEET NO. 3
3 SHEETS



TYPE III ELASTOMERIC EXP. BRG.

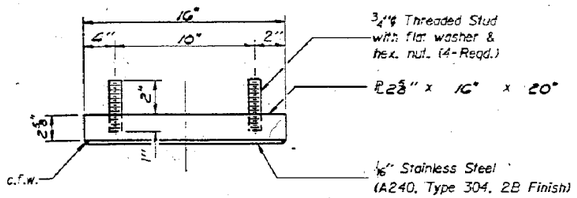


ELEVATION AT PIER

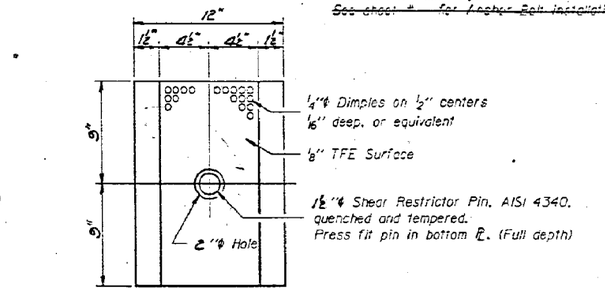


SECTION B-B

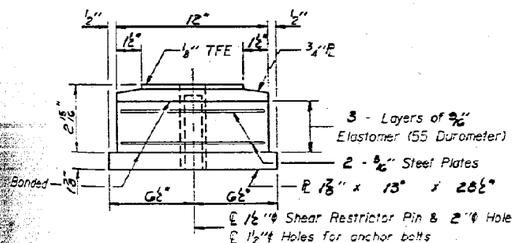
~~* Notes, 1 anchor bolts at 1 ea bearings may be built into the masonry. See sheet # for 1 anchor bolt installation.~~



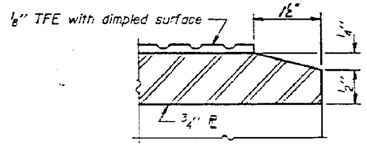
TOP BEARING ASSEMBLY



PLAN-TFE ELASTOMERIC BRG.



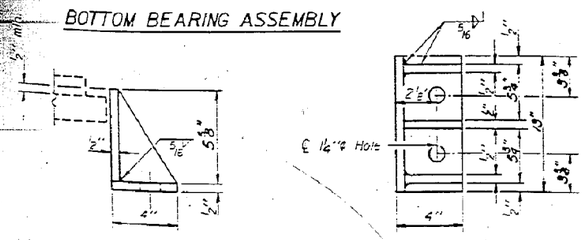
BOTTOM BEARING ASSEMBLY



SECTION THRU TFE

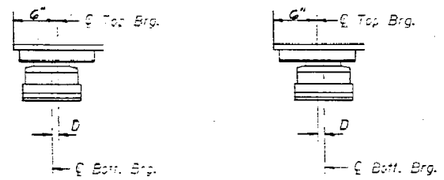
Note: The ⅛" TFE sheet shall be bonded directly to the top steel plate with a two-component, medium viscosity epoxy resin, conforming to the requirements of the Federal Specification MMM-A-134, Type I. The bond agent shall be applied on the full area of the contact surfaces.

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.



SIDE RETAINER

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



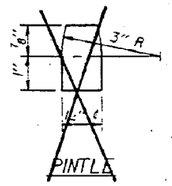
BELOW 50° F. (Move bott. brg. away from fixed brg.)

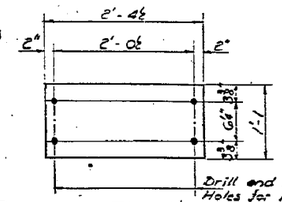
ABOVE 50° F. (Move bott. brg. toward fixed brg.)

SETTING ANCHOR BOLTS AT EXP. BRG.

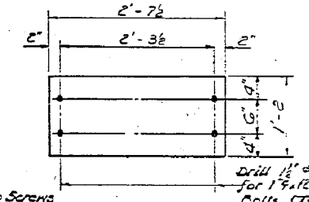
Drill ⅛" per each 10° of variation or fraction thereof from the mean temp. of 50° F.

~~FIXED BEARING~~

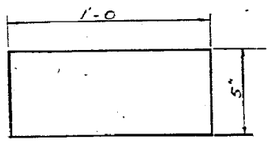




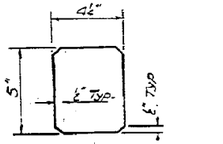
PEDESTAL TOP PL
(1⅜" x 13" x 28½")
No. Req'd: 4



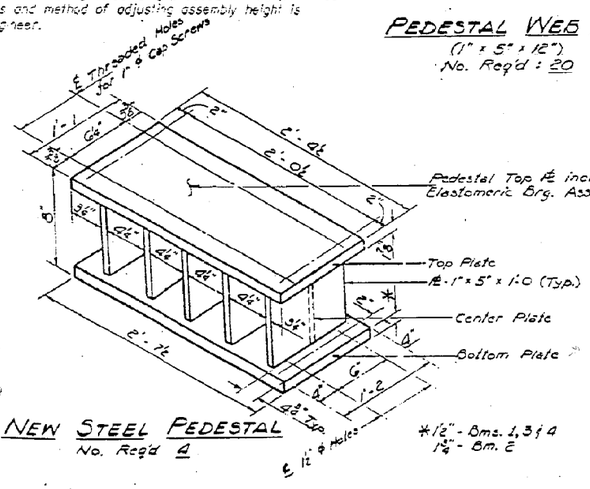
PEDESTAL BOTTOM PLATE
(1½" x 14" x 3'-1½" - Bms 1, 3 & 4) ~ No. Req'd 3
(1⅜" x 14" x 3'-1½" - Bm. 2) ~ No. Req'd: 1



PEDESTAL WEB PL
(1" x 5" x 12")
No. Req'd: 20



PEDESTAL CENTER PL
(1" x 4½" x 5")
No. Req'd: 16



NEW STEEL PEDESTAL
No. Req'd 4

BILL OF MATERIAL

Item	Unit	Total
Elastomeric Bearing Assembly Type III	Each	4

SOUTH ABUTMENT
S.B.I. Rt. 2 Sec. 48X-B2 & F2
MACON COUNTY
STA. 655 + 79.1

(058-0010)

DESIGNED Kenneth Peter Stutte
CHECKED Rick Brunette
DRAWN C.B. Carbonell
CHECKED MP
T-2 E3 12-1-83

EXAMINED
ENGINEER OF STRUCTURAL SERVICES
PASSED
ENGINEER OF BRIDGES AND STRUCTURES
APPROVED
DIRECTOR OF HIGHWAYS

BLANK, WESSELINK, COOK & ASSOCIATES DECATUR, ILLINOIS ENGINEERS - CONSULTANTS DESIGN FIRM NO. 184000894

FILE NAME =	USER NAME =	DESIGNED PBB	REVISED -
		CHECKED MCB	REVISED -
	PLOT SCALE =	DRAWN MLO	REVISED -
	PLOT DATE =	CHECKED PBB/MCB	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS
SHEET NO. 31 OF 34 SHEETS

F.A.P RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
710	(48X-B-2)BR & (48BR)BR	MACON	144	108
		CONTRACT NO. 74438		
	ILLINOIS FED. AID PROJECT			