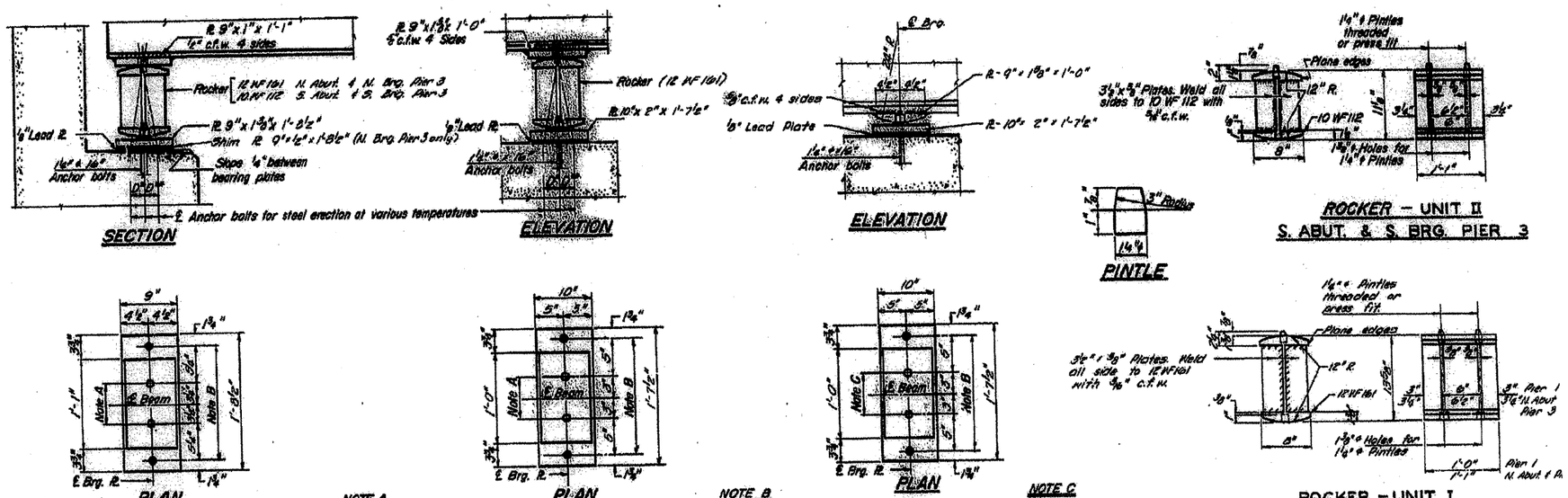
LOCATION 3 072-0009 BEARINGS FOR WIDENING BEAM ALL SPANS

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

F.A. RTE. 10	45 VHB-1	PEORIA	59	62	SHEET NO. 26 31 SHEETS



NOTE A
1⅜"ϕ Holes – 1" deep in top PL for pintles. Thread or press fit pintles into bottom PL.

NOTE B
1½"ϕ Holes for 1¼"ϕ anchor bolts. 2½" x 2½" x 5/16" PL. Washers under nut.

NOTE C
1⅜"ϕ Holes 1" deep in top PL only for 1¼"ϕ pintles.

BEARING ASSEMBLY DETAILS

NOTES ON SETTING OF ANCHOR BOLTS AT EXP. BRGS.

a) D* (Side of brg. away from fixed brg.)
D* = ⅛" per each 100' of expansion for every 15° fall below the normal temp. of 50°F.
D** (Side of brg. toward fixed brg.)
D** = ⅛" per each 100' of expansion for every 15° rise above the normal temp. of 50°F.

b) After beams have been erected and dimensions D* or D** determined, holes shall be drilled and anchor bolts shall be grouted in place. All fixed anchor bolts may be built into the masonry.

WIDENING
BEARING DETAILS
F.A. RTE. 10 SEC. 45 VHB-1
PEORIA COUNTY
STATION 411+32.88
F.S. R.E.G.
J.W. 7-18-70 No. 677

FILE NAME = Copy of 68390.dgn	USER NAME = inglistj	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -				(45-VHB-1)I-1,2,(23-BR)-1	peoria	16	16
	PLOT SCALE = 100.0632 ' / IN.	CHECKED -	REVISED -					CONTRACT NO. 68975		
	PLOT DATE = 3/25/2010	DATE -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		