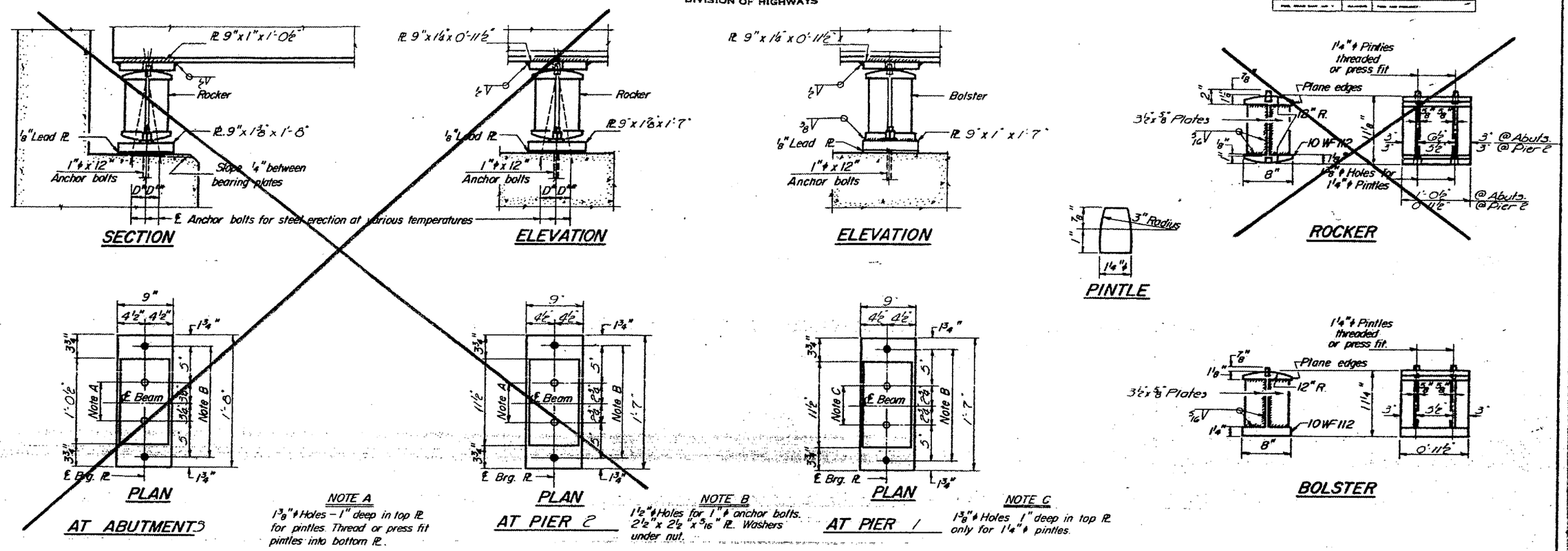
CONTRACT NO.: 98882
ROUTE: VARIOUS
COUNTY: VARIOUS
SECTION: D-9 CONTRACT MAINTENANCE
SHEET NO.: 14 OF 43

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



BEARING ASSEMBLY DETAILS

NOTES ON SETTING OF ANCHOR BOLTS AT EXP. BRGS.

a) D* (Side of brg. away from fixed brg.)
D* = 1/8" per each 100' of expansion for every 15° fall below the normal temp. of 50°F.
D** (Side of brg. toward fixed brg.)
D** = 1/8" 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.

TABLE OF MOMENTS & REACTIONS
INTERIOR BEAMS

	MOMENTS			REACTIONS	
	.4 Sp. 1	Pier 1	.5 Sp. 2	Abut.	Pier 1
D.L.	208	450	212	22	79
L.L.	353	321	365	37	47
Imp.	100	87	95	—	—
Total	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

Moments are in Kips-Ft.
Reactions are in Kips

DESIGNED	[illegible]
CHECKED	[illegible]
DRAWN	P.G. Barnett
CHECKED	CFM

SEPT. 30 1968
EXAMINED
PASSED
APPROVED

FOR INFORMATION ONLY:

BRIDGE NO. 1 STRUCTURE 064-0020

I-2-8 9-1-65