

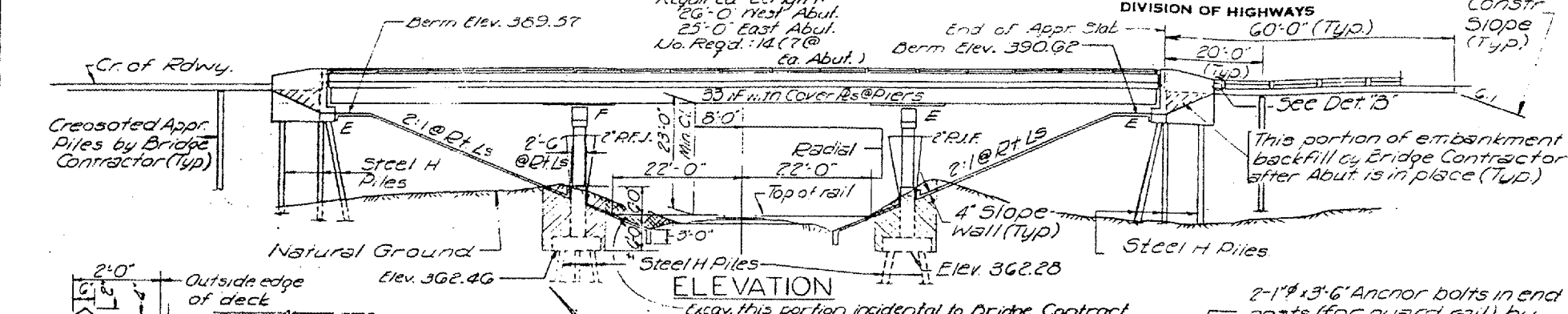
DATE	DESCRIPTION	NO.	BY
10-24-68	MASSAC	79	35
SHEET NO.		10 OF 43	

B.M. 36A-X in top concrete whistle post
 110' Lt. W.B. Lane Sta 1327+50 Elev. 370.25

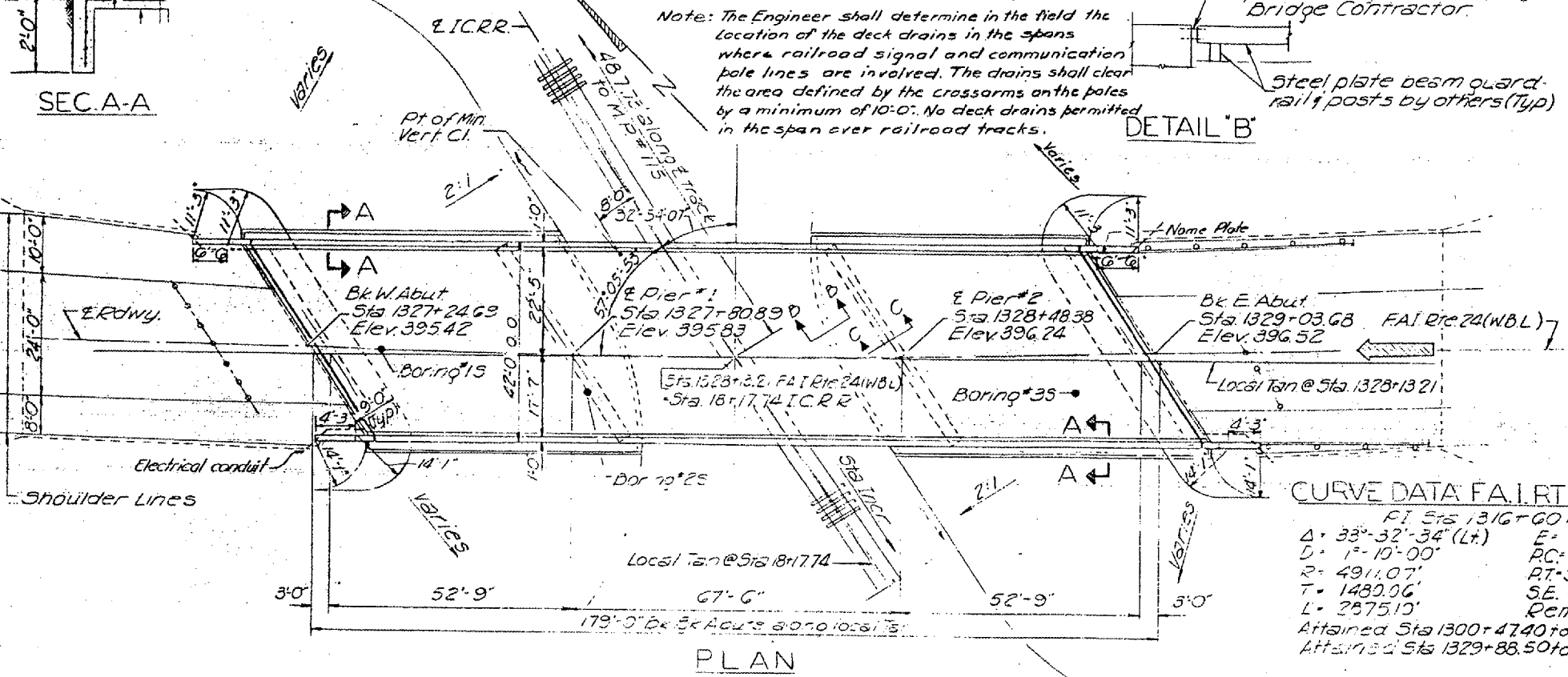
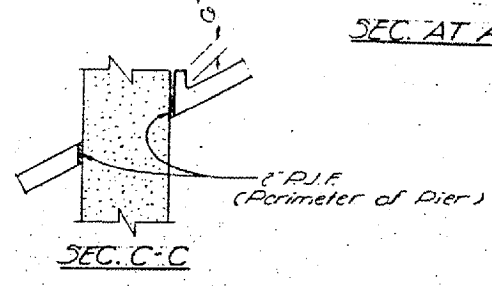
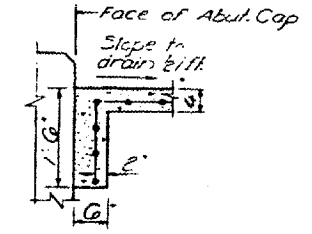
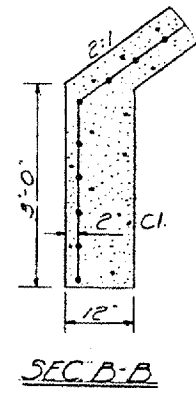
APPROACH PILE DATA

Type: Creosoted
 Required Length:
 26'-0" West Abut.
 25'-0" East Abut.
 No. Req'd: 14 (7 @ ea. Abut.)

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

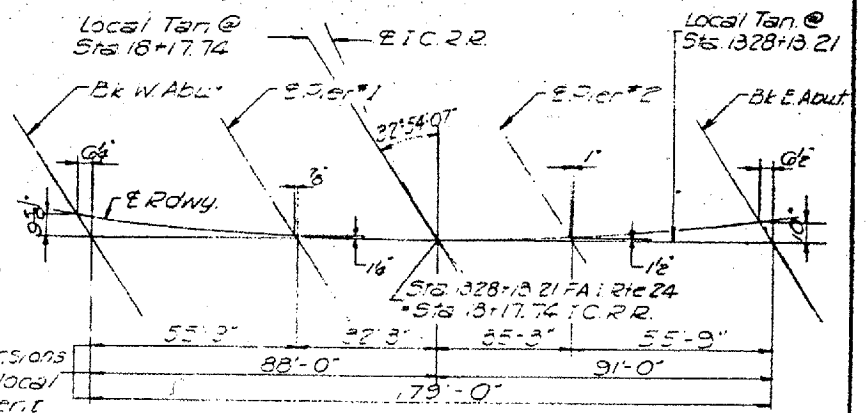


ELEVATION
 Excav. this portion incidental to Bridge Contract.
 Note: The Engineer shall determine in the field the location of the deck drains in the spans where railroad signal and communication pole lines are involved. The drains shall clear the area defined by the crossarms on the poles by a minimum of 10'-0". No deck drains permitted in the span over railroad tracks.

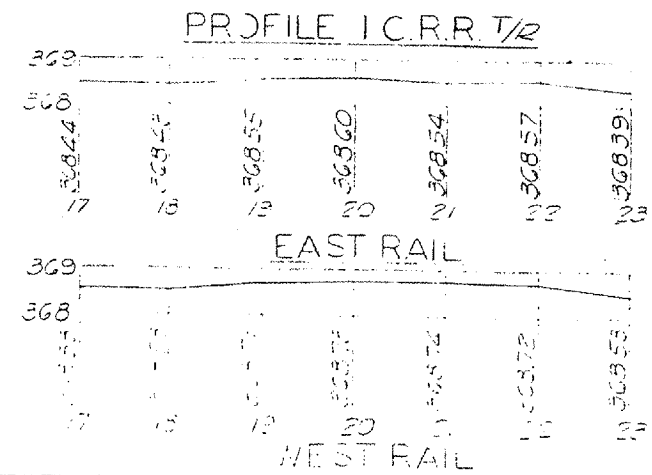
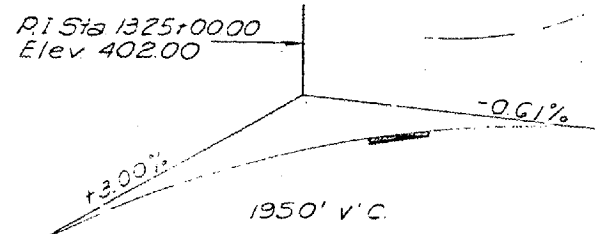


CURVE DATA FAI RTE 24(WBL)
 PI Sta 1316+60.46
 $\Delta = 33^\circ-32'-34"$ (Lt) $E = 218.18$
 $D = 1'-10'-00"$ $RC = Sta 1301+80.40$
 $R = 4911.07'$ $RT = Sta 1330+55.30$
 $T = 1482.06'$ $SE = 0.033$ P/F/F
 $L = 2875.10'$ $Remove Crown$
 Attained Sta 1300+47.40 to Sta 1302+47.40
 Attained Sta 1329+88.50 to Sta 1331+88.50

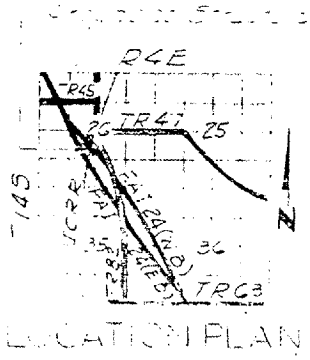
CURVE DATA I.C.R.R.
 $\Delta = 23^\circ-46'$
 $D = 0^\circ-40'$



OFFSET DIAGRAM



DESIGN STRESSES
 $f_c = 1470$ psi (5.0 ksi)
 $f_s = 20,000$ psi (20.0 ksi)
 $f_e = 20,000$ psi (20.0 ksi)
 $V_c = 75$ psi (5.3 ksi)
 $n = 10$
 Allow 4 Def. 1/200
 LOADINGS: 5200 LBS/FT



GENERAL PLAN/ELEVATION
 FAI RTE 24(WBL) OVER I.C.R.P.

FOR INFORMATION ONLY:
 BRIDGE NO. 1 STRUCTURE 064-0020

DESIGNED	H. J. S. C.	EXAMINED	SEPT 30 1968
CHECKED	J. Whiteman	PASSED	
DRAWN	J. S. C.	APPROVED	
CHECKED	J. S. C.		