

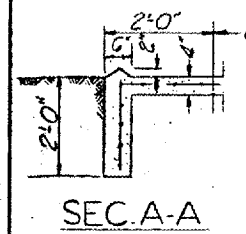
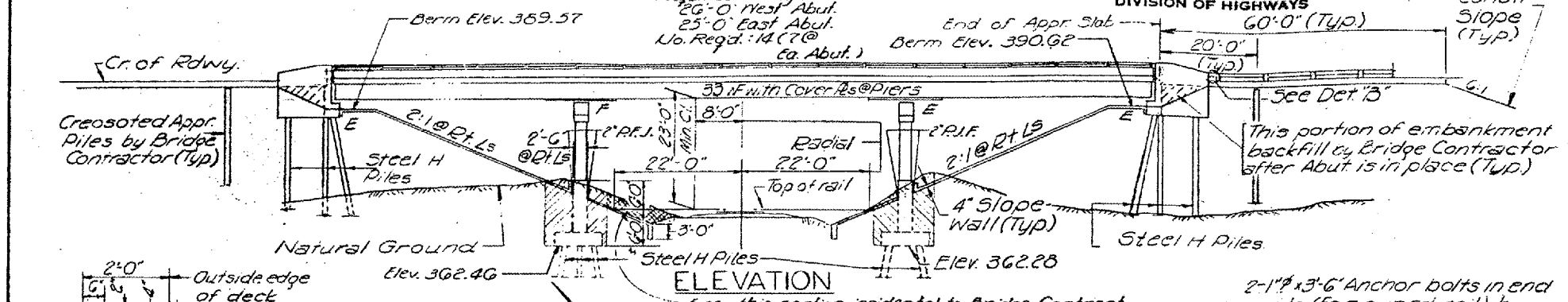
ROUTE NO.	SECTION	SCALE	DATE	SHEET NO.	TOTAL SHEETS
11-24	6-21B	MASSAC	79	35	11 SHEETS

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

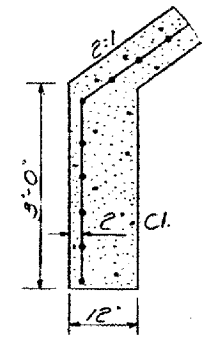
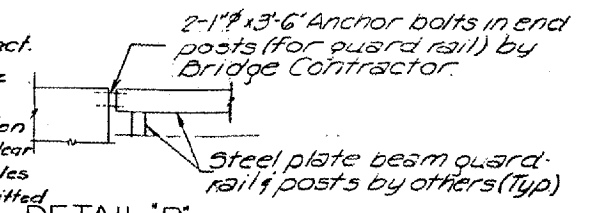
**APPROACH PILE DATA**

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

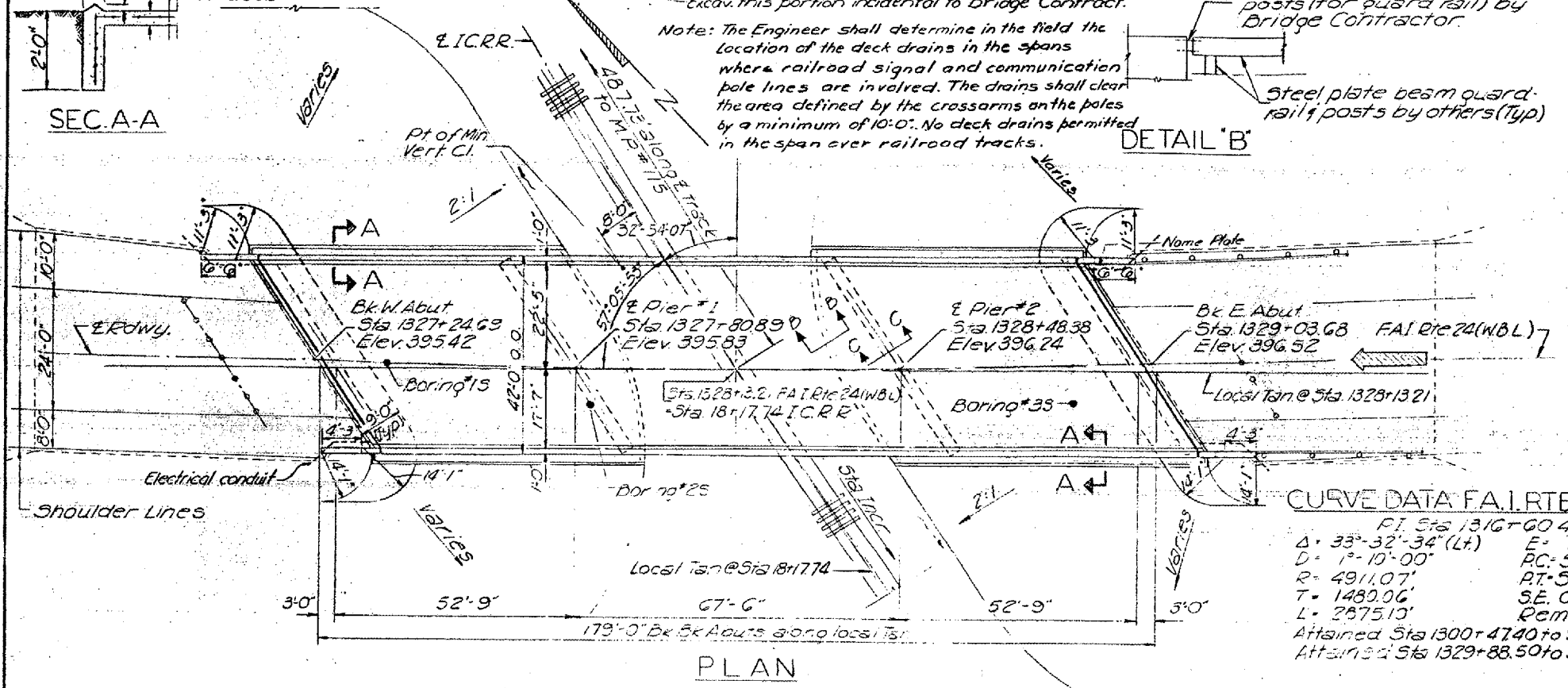
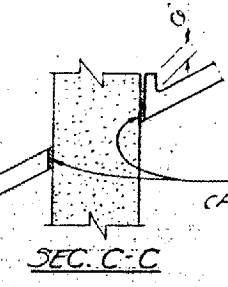
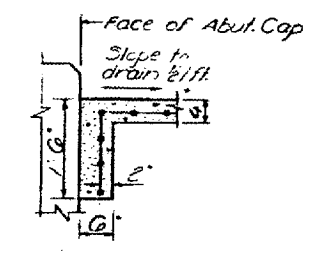
STATE OF ILLINOIS  
 DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
 DIVISION OF HIGHWAYS



**DETAIL 'B'**



**SEC. AT ABUT.**

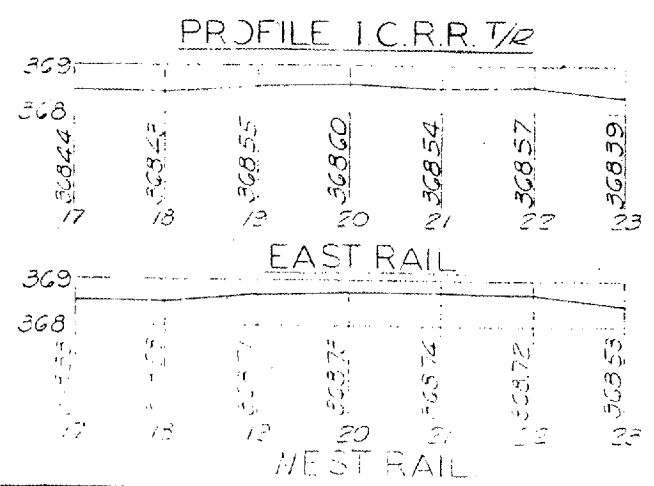
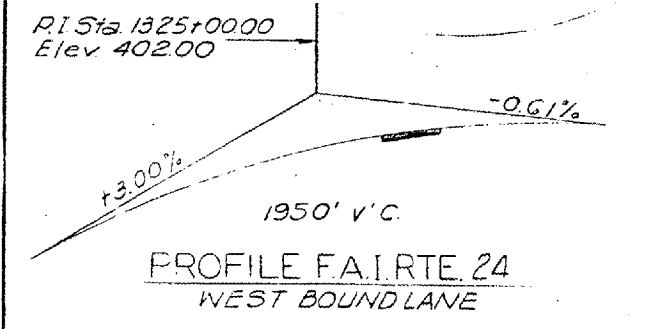
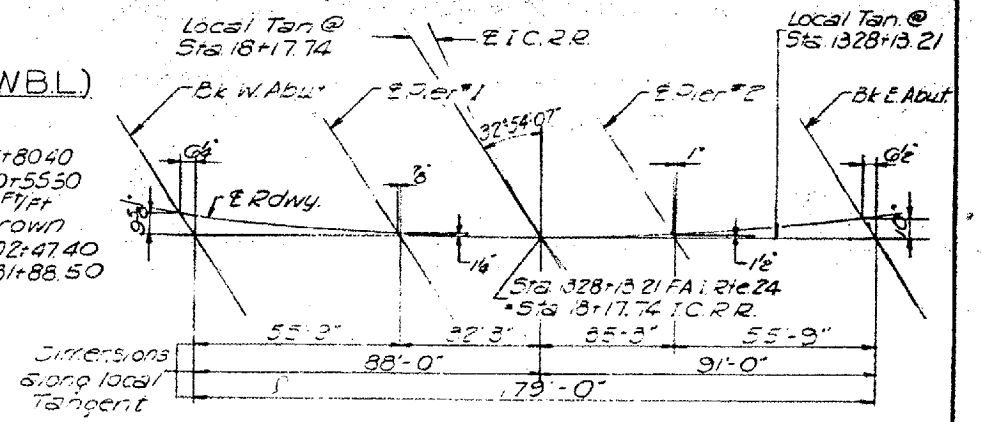


**CURVE DATA F.A.I. RTE 24 (WBL)**

PI Sta 1316+60.46  
 Δ: 33°-32'-34" (Lt) E: 218.18  
 D: 1°-10'-00" RC: Sta 1301+80.40  
 R: 4911.07' PT: Sta 1330+55.50  
 T: 1480.06' SE: 0.033 F/P  
 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

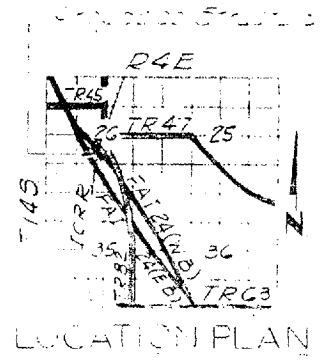
**CURVE DATA ICRR.**

Δ: 23°-46'  
 D: 0°-40'



**DESIGN STRESSES**

fc = 1470 psi (Support SUD)  
 fs = 20000 psi (Part)  
 fs = 20000 psi (Struct) A-36  
 VC = 75 psi (Fras)  
 n = 10  
 Allow 4 Def. 1000 100-Comp  
 LOADING AS 20-44-A-1



GENERAL PLAN & ELEVATION  
 F.A.I. RTE 24 (WBL) OVER ICRR  
 PROJ. 16-24-1 (1) 28

FOR INFORMATION ONLY:  
 BRIDGE NO. 3 STRUCTURE 064-0020

DESIGNED	Hing He	EXAMINED	SEPT 30 1968
CHECKED	J. M. Mason	PASSED	
DRAWN	Jacob	APPROVED	
CHECKED	J.M.		