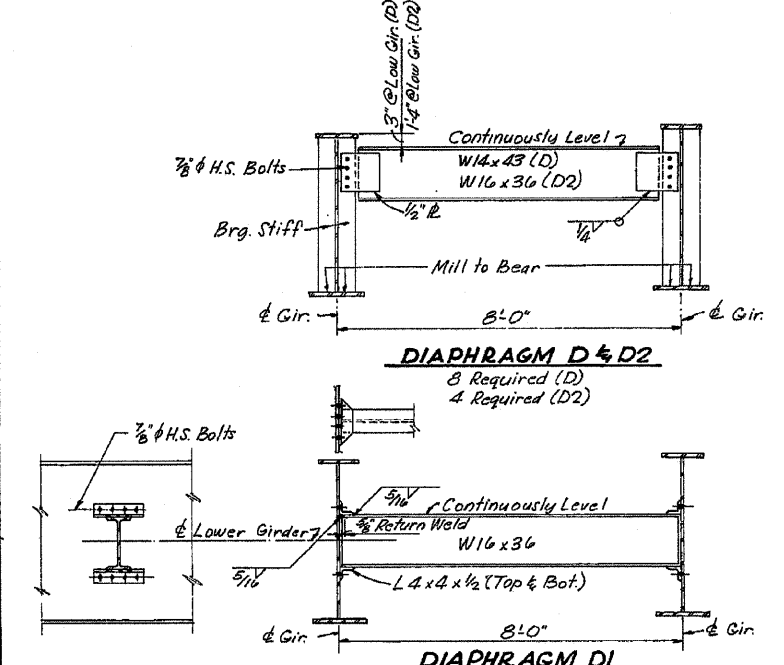
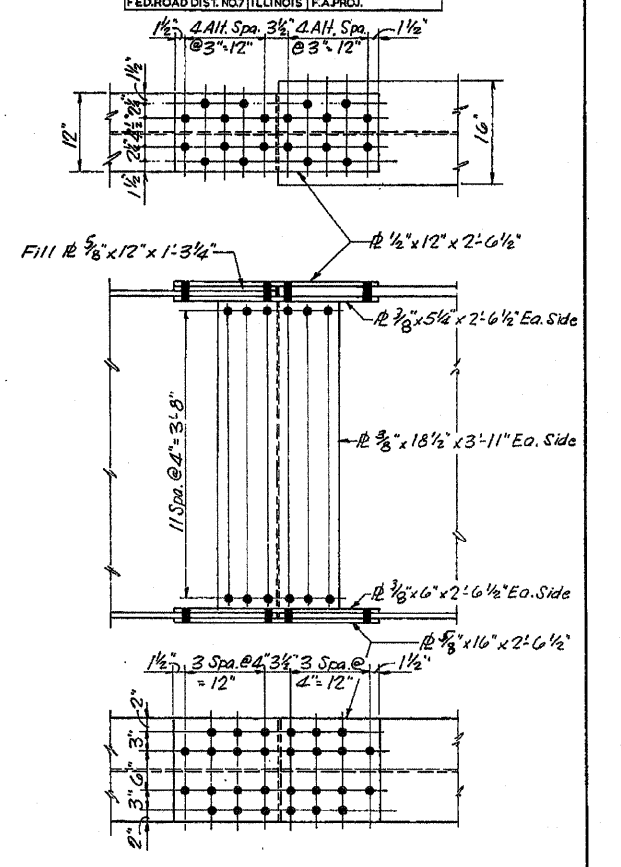
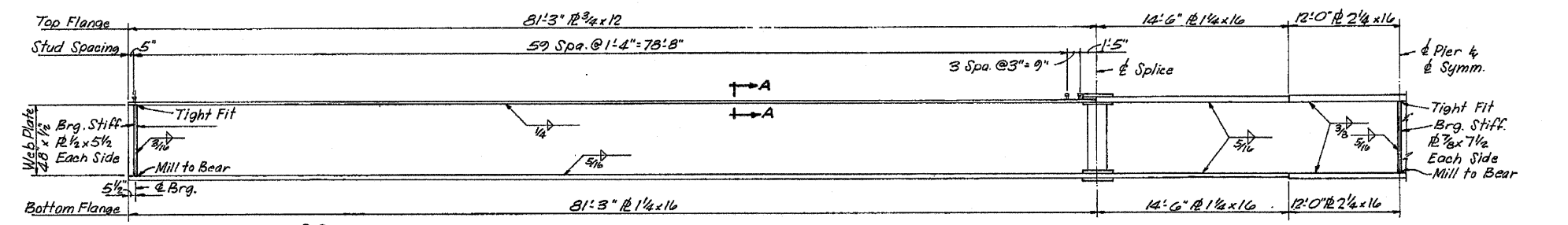
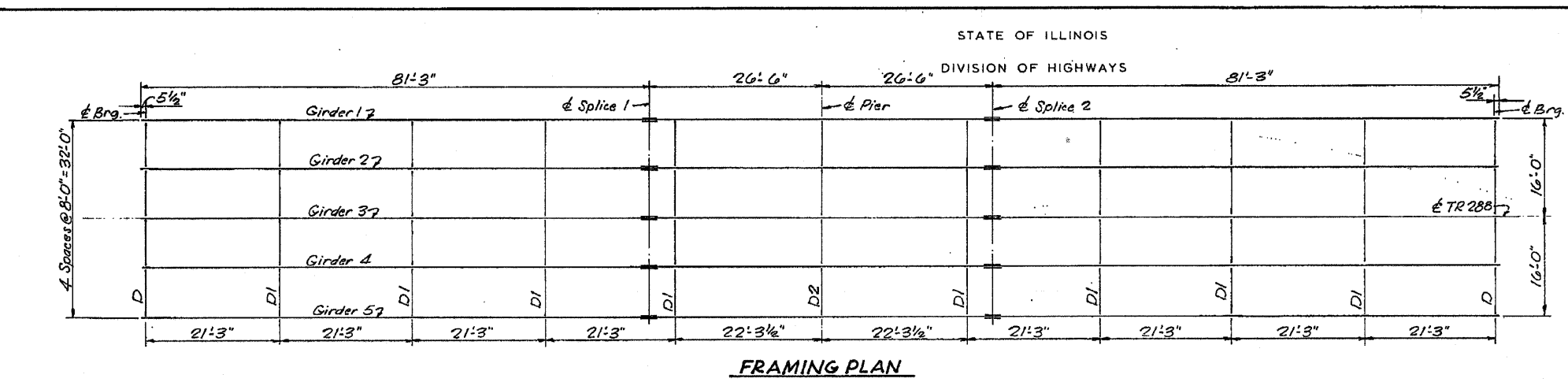


ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 6
FA.403	195-3HB-3	WHITESIDE	24	14	11 SHEETS
FED. ROAD DIST. NO. 7 ILLINOIS F.A. PROJ.					



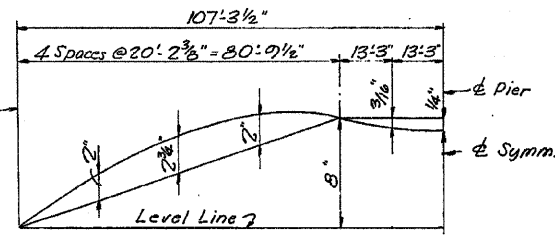
MOMENT & SHEAR TABLE

	0.4 Sp. 1	Pier
I_s (in ⁴)	20679	50090
S_x (in ³)	1029	1908
DL (k)	1.002	1.002
MDL (k)	6.68	16.71
I_c DL (ksi)	7.79	10.51
I_c (n=30) (in ⁴)	40581	
S_c (in ³)	1924	
SDL (k)	0.509	0.509
MSDL (k)	4.13	7.26
I_c DL (ksi)	3.74	4.57
I_c (n=10) (in ⁴)	58207	
S_c (in ³)	1458	
MLL (k)	753	624
MIMP (k)	162	132
M TOTAL (k)	915	758
I_c LL (ksi)	7.53	4.77
I_c TOTAL (ksi)	19.06	19.85
VR (k)	53.7	

TOP OF WEB ELEVATIONS *

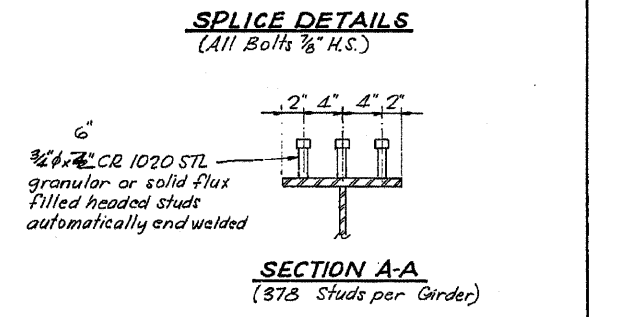
	Girder 1	Girder 2	Girder 3	Girder 4	Girder 5
& Brg. N. Abut.	660191	660342	660467	660342	660191
& Splice 1	660852	661003	661128	661003	660852
& Pier	660831	660982	661107	660982	660831
& Splice 2	660852	661003	661128	661003	660852
& Brg. S. Abut.	660191	660342	660467	660342	660191

*For Fabrication Only



REACTION TABLE

	Abut.	Pier
R_b (k)	56.8	214.1
R_L (k)	38.7	63.2
Imp (k)	8.4	13.6
R_{TOTAL} (k)	103.9	290.9



DESIGNED S. McKnight
CHECKED A. Chugh
DRAWN C. Clary
CHECKED S. McKnight

EXAMINED _____
PASSED _____
APPROVED _____

FOR INFORMATION ONLY

STRUCTURAL STEEL
F.A. RTE. 403 ~ SEC. 195-3HB-3
WHITESIDE COUNTY
STATION 2415+47.10