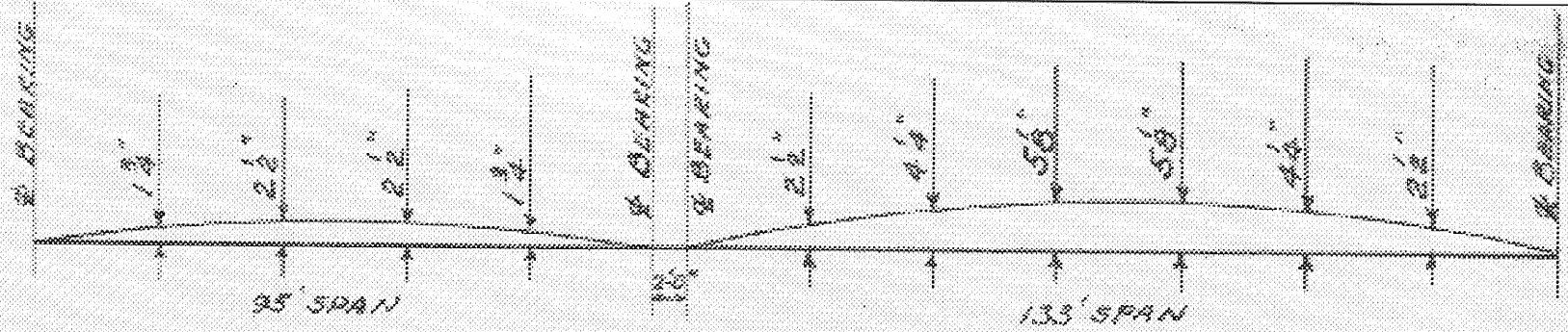
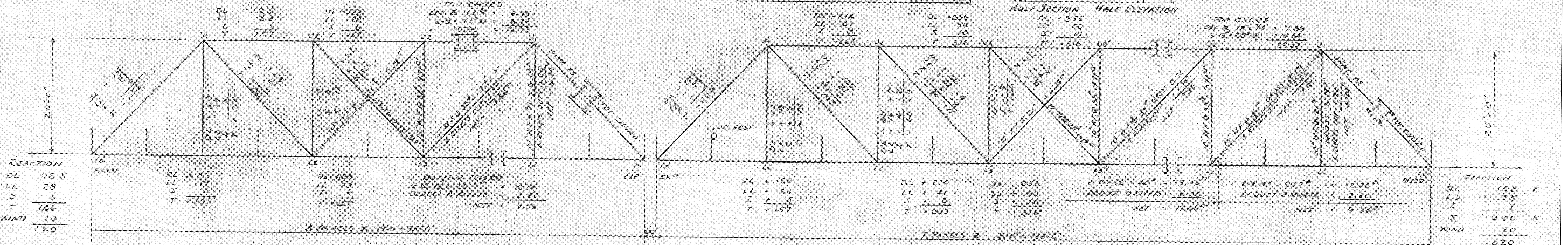
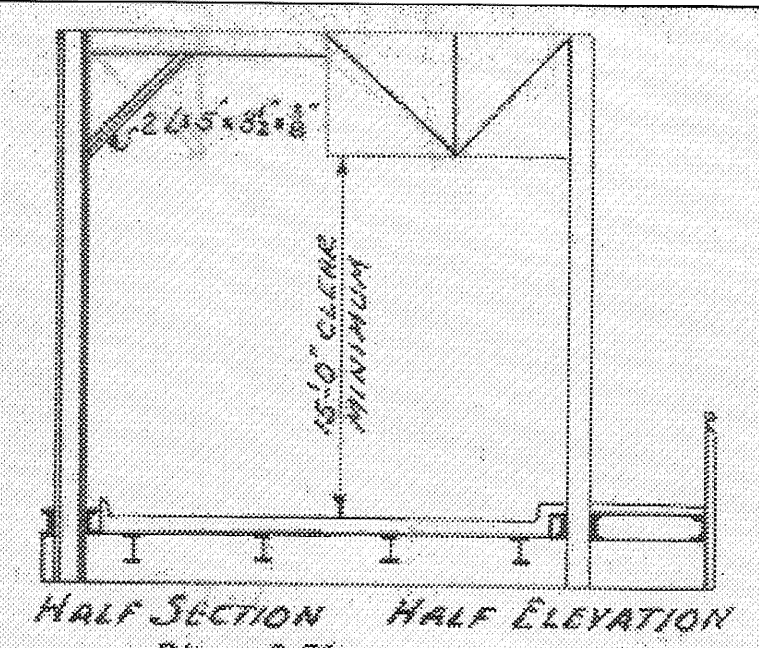
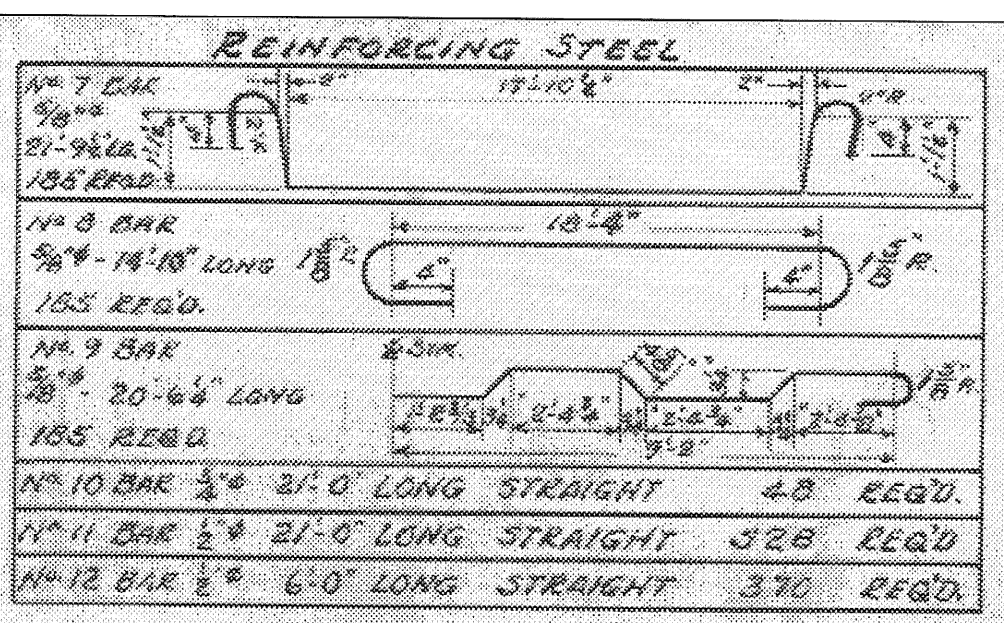
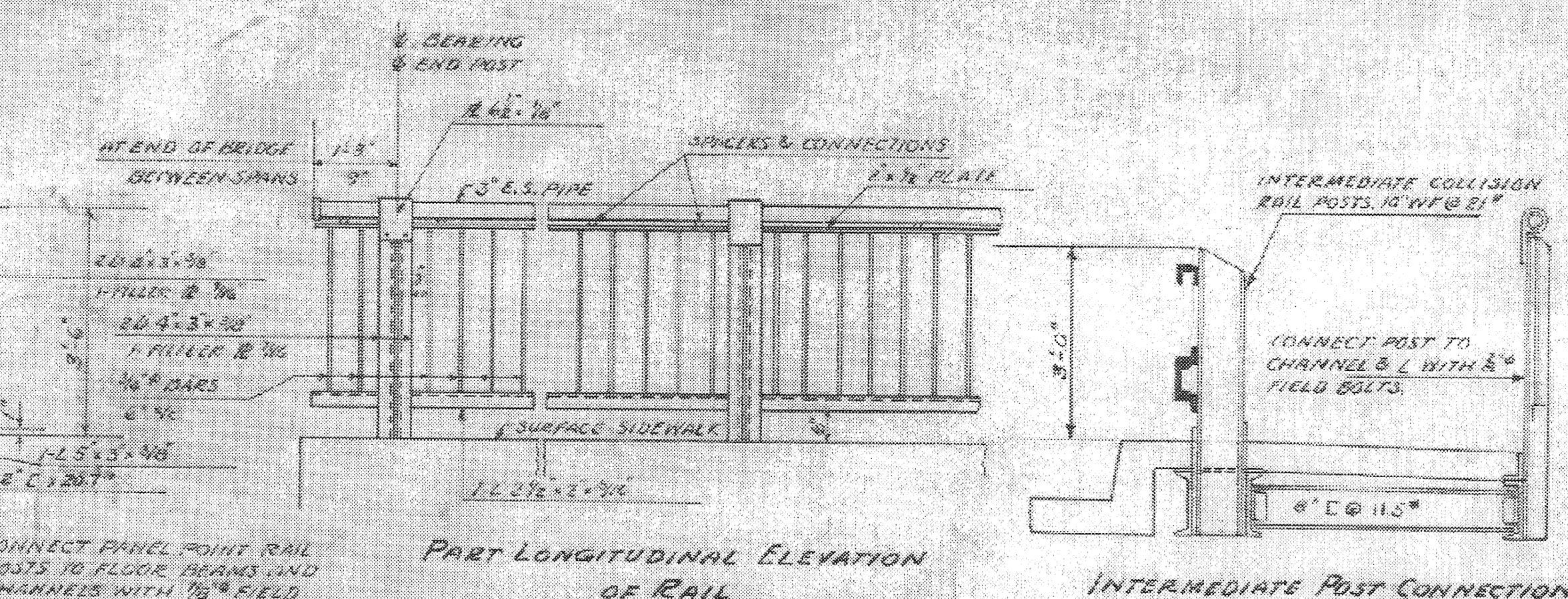
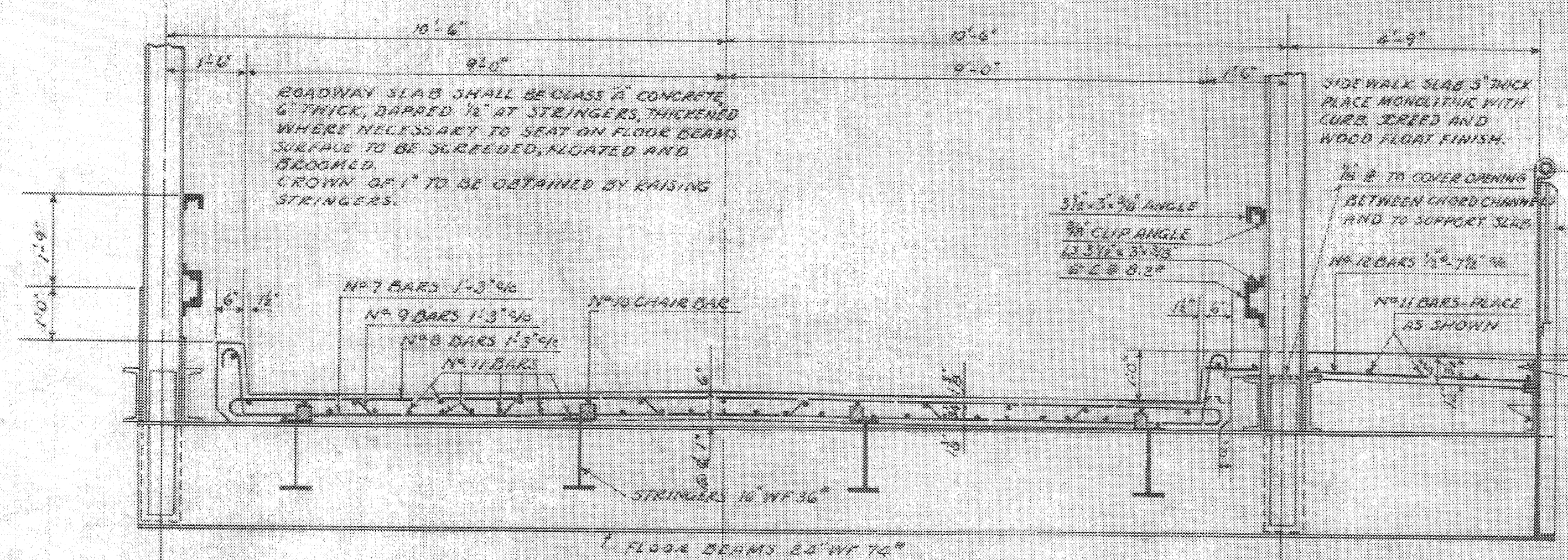
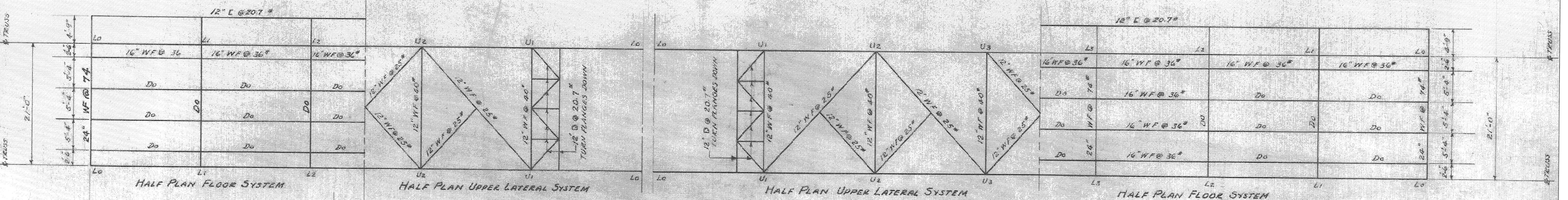




STRINGERS		FLOOR BEAMS	
MOMENT	REACTION	MOMENT	REACTION
DL 26	DL 9.0	DL 114	DL 31.0
LL 4.1	LL 9.0	LL 96	LL 16.0
I 1.4	I 4.0	I 30	I 5.0
TOTAL 31 K.FT	TOTAL 19.0 K	TOTAL 240 K.FT	TOTAL 52.0



STRESS DIAGRAMS



FLOOR DESIGNED FOR
 DEAD LOAD - 6" CONCRETE SLAB + 25" PAVING ALLOWANCE
 LIVE LOAD - 2 LANE H-10
 IMPACT - 1.75 WHEN L IS EFFECTIVE LOADED SPAN LENGTH FOR MEMBER UNDER CONSIDERATION.
 TRUSS DESIGNED FOR
 DEAD LOAD - CONCRETE 1350 + STEEL 150-2100 PER LINEAL FT.
 LIVE LOAD - 2 LANE H-10 LOADING A.A.S.H.O. SPECIFICATIONS 1935.
 IMPACT - 1.75
 RIVETS - 7/8" - GUSSETS 1/2" @ L, 3/8" (MIN) ELSEWHERE.
 ALL STRUCTURAL STEEL SHALL BE PAINTED AS SPECIFIED UNDER ITEM A3-A-6 OF PAVEMENT & STANDARD ROAD AND BRIDGE SPECIFICATIONS 1936 UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE FINAL COAT OF FIELD PAINT SHALL BE GREEN.

NOTE: STEEL SUPERSTR. QUANTITY INCLUDES 25% ESTIMATED FOR DETAILS.

SUPERSTRUCTURE DETAILS
 VILLAGE BRIDGE
 NORTH POWNAL

ESTIMATED QUANTITIES		Surveyed by Designed by W.H. DAY APRIL 1939 Drawn by W.H. DAY APRIL 1939 Traced by D.W.P. Checked by L.M.B. Series S.F.P. No. 1-B Sheet 2 of 12 Sheets
POWNAL BRZ 144(19) C/2 REFERENCE SHEET 1 OF 18 SHEET 91 OF 108	STEEL SUPERSTRUCTURE (266000) 11.5 CONCRETE CLASS "A" 63 CY REINFORCING STEEL 22394 165	