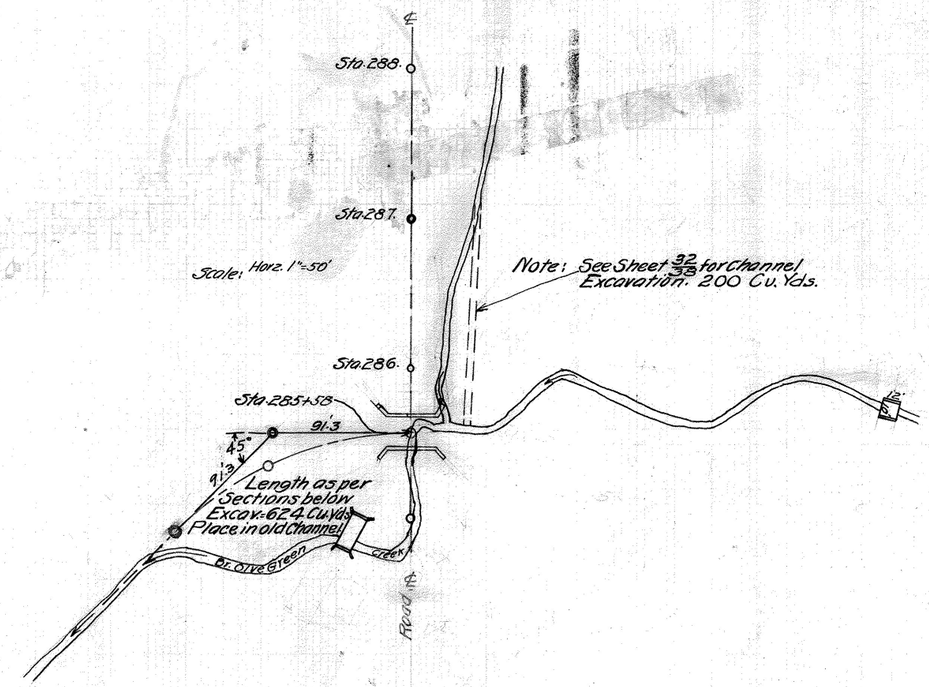
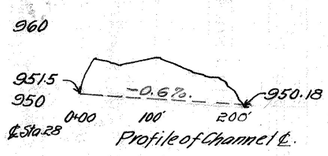
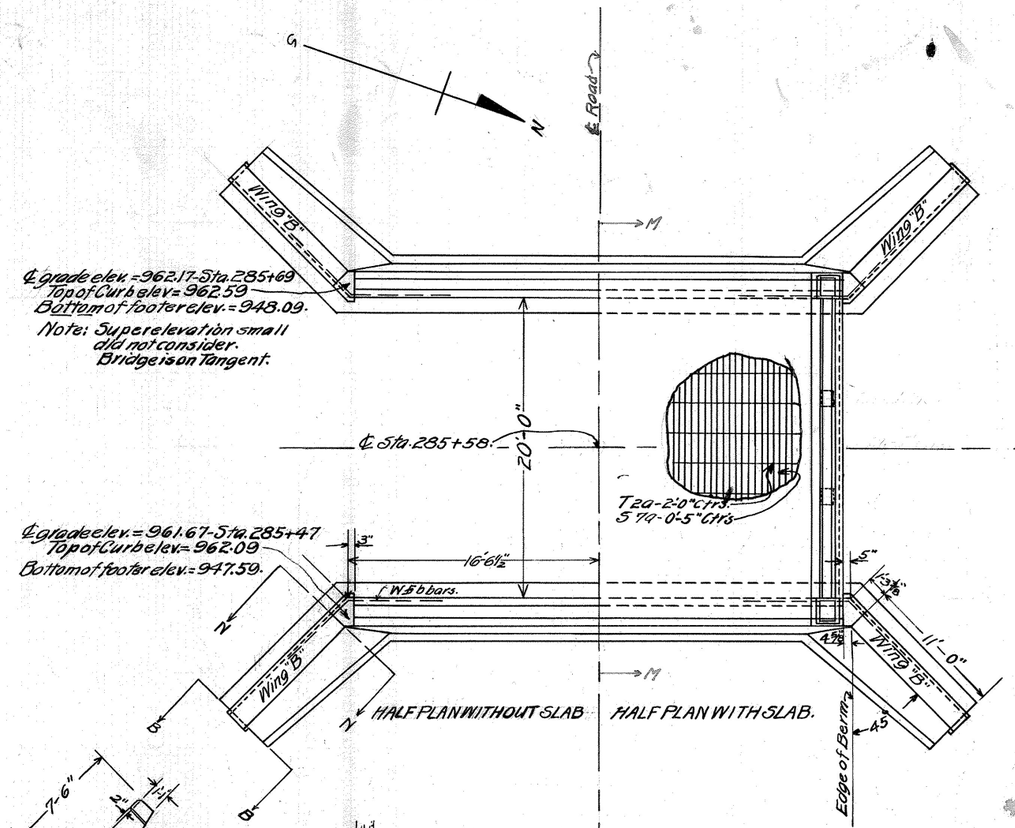
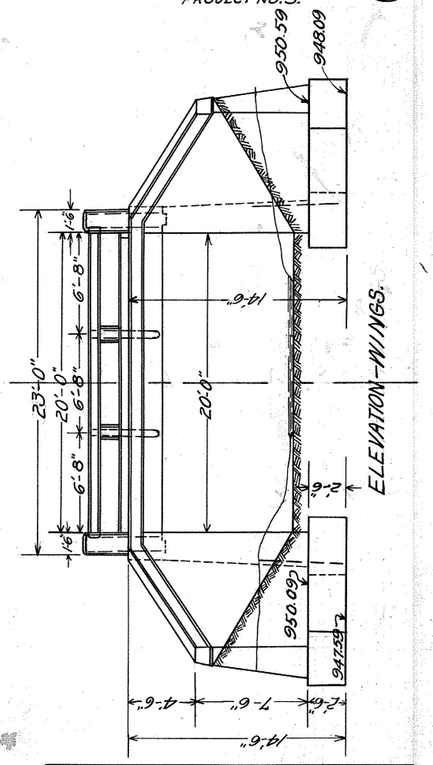
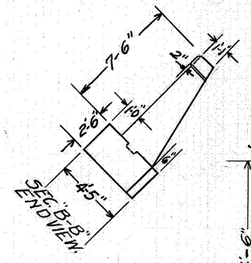


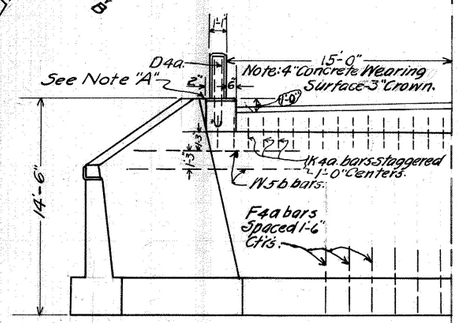


Profile of Channel ℄.





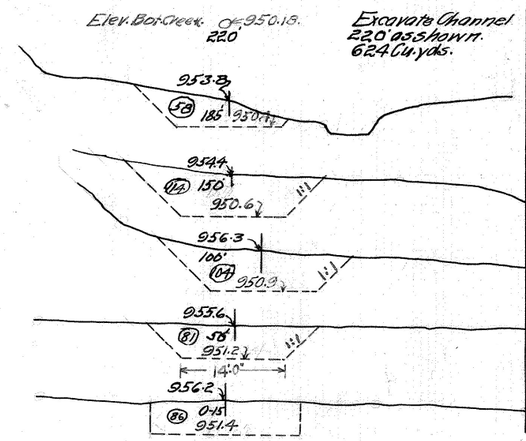




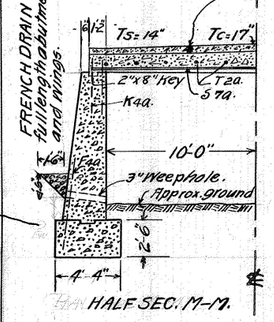
HALF END VIEW INCLUDING SLAB & RAIL

Note "A" — Place two layers of ¼" prem. exp. jt. filler at the four corners of bridge to separate wings from superstructure.

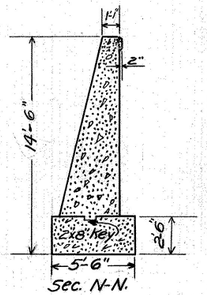
STEEL LIST.					
Mark	Size	Shape	No.	Length	Weight.
SUPERSTRUCTURE.					
S7a.	1"φ	Bent	77	23'-0"	4965#
T2a.	½"φ	Straight	11	32'-0"	
D4a.	⅝"φ	Bent	8	9'-0"	175#
D5a	¾"φ	Bent	8	8'-3"	
TOTAL = 5140#					
SUBSTRUCTURE.					
F4a.	⅝"φ	Str.	64	4'-6"	296#
K4a.	⅝"φ	Str.	64	2'-0"	132#
W5a.	¾"φ	Bent	16	12'-0"	432#
TOTAL = 860#					
ADDITIONAL RAILING STEEL.					
R4	⅝"φ	Str.	8	20'-4"	
R1	⅜"φ	Str.	4	19'-8"	
R1	⅜"φ	Str.	8	3'-0"	
R1	⅜"φ	Bent	4	3'-8"	
To be paid for in price per foot of Railing.					



End Area		Cubic yards	
Cut	Fill	Cut	Fill
0			
58		32	
		111	
114			
		201	
104			
		171	
81			
		108	
86			
Total = 624			



HALF SEC. M-M.



Sec. N-N.

ESTIMATED QUANTITIES.

Channel Excav.	824. Cu. yds.
Excav. & Backfill	144. Cu. yds.
Footer Concrete - 1-6½	= 45.2 Cu. yds.
Wall Concrete 1-6½	= 89.6 Cu. yds.
Slab & Curbs Conc. 1-5½	= 38.2 Cu. yds.
Reinf. Steel	= 6000. lbs.
Railing Type R.R.4	46' lin. ft.
4" Concrete wearing course - Conc. 1-5	= 72.0 Sq. yds.
Prem. Exp. Jt. Filler	32 sq. ft.

STANDARD SLAB BRIDGE.
OVER W. Br. OLIVE GREEN CREEK.
STATION 285+58.
SPAN 20'- Rdy. 30' - HEIGHT 14'-6"
DRAWING NO. SB 2430 & R.R.A.
Drawn by: D.L.M. Aug. 20-1927.
Checked by: [illegible]
Chief Div. Engr.
Aug. 29, 1927