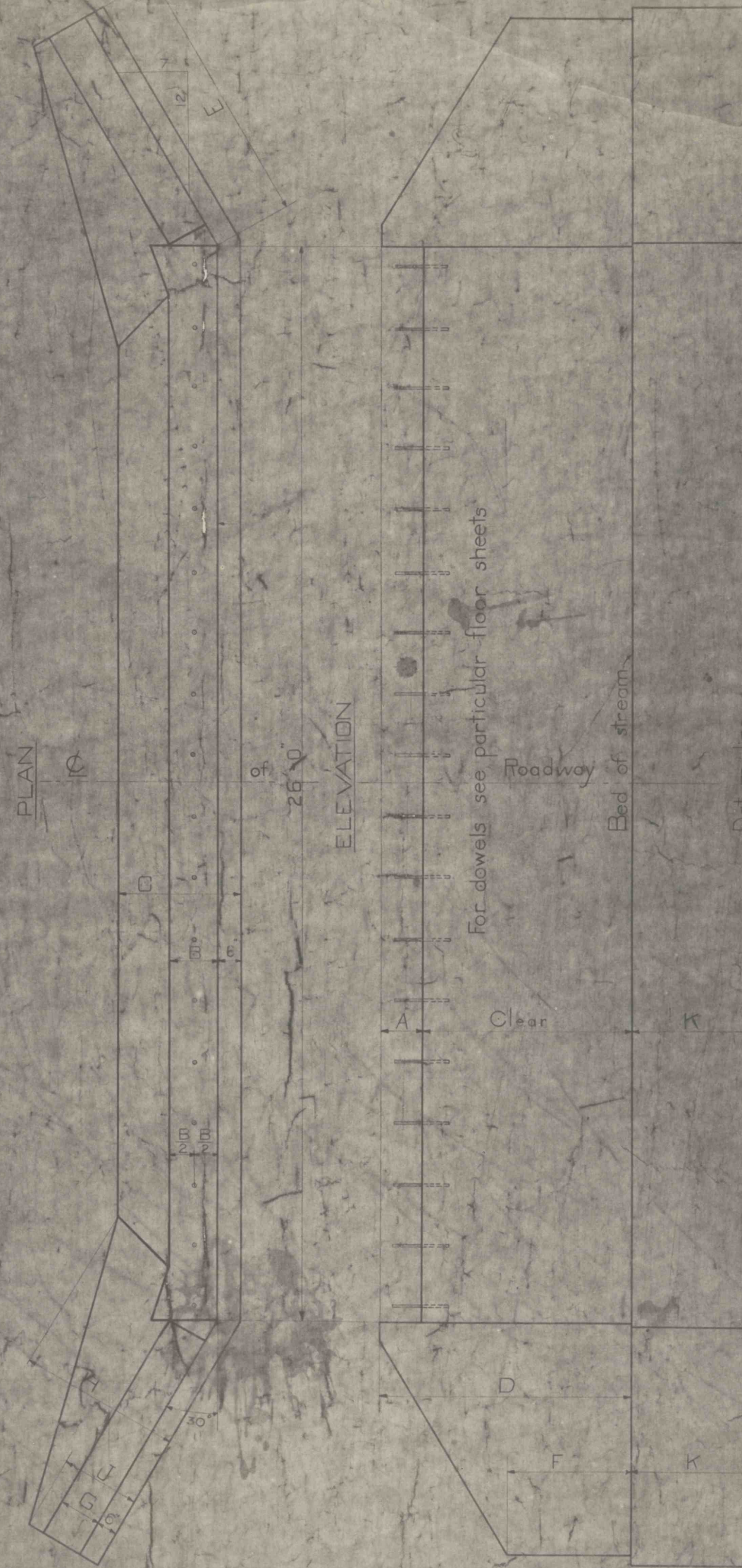


SPAN CLEAR	A	B	C	D	E	F	G	H	J	K	QUANTITIES		SPANS	
Face to face of abutments	Height of available waterway	Top of abutment to top of floor	Abutment top	Abutment base	Height of wing abutment end	Wing length	Height of wing free end	Wing top	Wing base abutment end	Wing base free end	Footings depth	Cu yds. from part in ft. of abutment	Cu yds. from part in ft. of abutment	Floor sheet No.
20	1-6 1-6	6	10	1-6 1-6	1-6 2-0	2-2 2-6	1-6 3-3	1-6 1-8	1-6 2-1	1-6 1-6	2-0	139 155	9 10	S-182
30	1-6 2-0 3-0	6	10	1-6 1-6 1-8	2-0 2-6 3-0	2-8 3-3 3-6	1-6 1-8 1-10	1-6 2-1 2-4	1-6 1-6 1-6	1-6 1-6 1-6	2-0	155 173 204	10 12 14	S-183
40	2-0 2-6 3-0 3-6 4-0	6 1/2	10	1-6 1-8 2-0 2-3 2-6	2-6 3-0 3-3 4-0 4-6	3-4 3-6 3-8 4-1 4-6	1-8 1-10 2-0 2-3 2-5	2-1 2-4 2-7 2-10 3-1	1-6 1-6 1-6 1-6 1-7	1-6 1-6 1-6 1-6 1-7	2-0	173 204 253 300 352	12 14 17 21 26	S-184
50	2-0 2-6 3-0 3-6 4-0 4-6 5-0 5-6 6-0	7	10	1-6 1-8 2-0 2-3 2-6 2-9 3-0 3-3 3-6	2-7 3-1 3-7 4-1 4-7 5-1 5-7 6-1 6-7	3-4 3-6 3-8 4-1 4-5 5-6 6-1 6-7 7-3	1-8 1-10 2-0 2-3 2-5 2-8 2-8 2-11 3-2	2-2 2-5 2-8 2-11 3-1 3-5 3-7 3-9 4-0	1-6 1-6 1-6 1-6 1-7 1-8 1-10 1-11 2-0	1-6 1-6 1-6 1-6 1-7 1-8 1-10 1-11 2-0	2-0	172 204 253 300 352 412 478 555 633	12 14 17 21 26 29 34 39 44	S-185
60	2-0 2-6 3-0 3-6 4-0 4-6 5-0 5-6 6-0	8	12	1-9 1-11 1-11 2-3 2-6 2-9 3-0 3-3 3-6	2-8 3-2 3-8 4-2 4-8 5-2 5-8 6-2 6-8	3-6 3-11 4-2 4-8 5-6 6-3 6-9 7-4 7-10	1-8 1-11 2-1 2-3 2-5 2-7 2-10 3-0 3-3	2-3 2-6 2-10 3-0 3-3 3-6 3-9 4-0 4-2	1-6 1-6 1-6 1-6 1-7 1-9 1-11 2-0 2-1	1-6 1-6 1-6 1-6 1-7 1-9 1-11 2-0 2-1	2-6	234 254 292 352 407 467 532 602 676	16 18 21 25 29 34 39 45 51	S-186
70	2-0 2-6 3-0 3-6 4-0 4-6 5-0 5-6 6-0	9	12	1-9 1-11 1-11 2-3 2-6 2-9 3-0 3-3 3-6	2-9 3-3 3-9 4-3 4-9 5-3 5-9 6-3 6-9	3-7 4-1 4-8 5-2 5-9 6-4 6-10 7-4 7-11	1-9 1-11 2-1 2-3 2-5 2-8 2-10 3-0 3-2	2-3 2-7 2-10 3-1 3-4 3-7 3-9 4-0 4-3	1-6 1-6 1-6 1-6 1-8 1-9 1-11 2-0 2-1	1-6 1-6 1-6 1-6 1-8 1-9 1-11 2-0 2-1	2-6	234 254 292 352 407 467 532 602 676	16 18 21 25 29 34 39 45 51	S-187
80	2-0 2-6 3-0 3-6 4-0 4-6 5-0 5-6 6-0 7-0 8-0	10	12	1-9 1-9 1-11 2-3 2-6 2-9 3-0 3-3 3-6 3-11 4-5	2-10 3-4 3-10 4-4 4-10 5-3 5-9 6-3 6-10 7-10 8-10	3-8 4-2 4-9 5-3 5-10 6-4 6-10 7-4 8-0 9-2 10-3	1-9 1-11 2-1 2-3 2-5 2-8 2-10 3-0 3-3 3-7 5-1	2-4 2-7 2-11 3-2 3-4 3-7 3-9 4-3 4-8 5-1	1-6 1-6 1-6 1-7 1-8 1-9 1-11 2-0 2-2 2-6	1-6 1-6 1-6 1-7 1-8 1-9 1-11 2-0 2-2 2-6	2-6	234 254 292 352 407 467 532 602 676 823 1,003	16 18 21 26 30 34 39 45 52 65 79	S-188
90	2-0 2-6 3-0 3-6 4-0 5-0 6-0 7-0 8-0	10 1/2	12	1-9 1-9 1-11 2-3 2-6 2-9 3-0 3-11 4-5	2-10 3-4 3-10 4-4 4-10 5-3 5-9 6-10 8-10	3-8 4-2 4-9 5-3 5-10 6-4 6-10 7-10 8-10	1-9 1-11 2-1 2-3 2-5 2-8 2-10 3-0 3-3 3-7 5-1	2-5 2-8 2-11 3-2 3-4 3-7 3-9 4-3 4-8 5-1	1-6 1-6 1-6 1-7 1-8 1-9 1-11 2-0 2-2 2-6	1-6 1-6 1-6 1-7 1-8 1-9 1-11 2-0 2-2 2-6	2-6	234 254 292 352 407 532 676 823 1,003	16 18 21 26 30 40 52 65 80	S-189
10-0	2-0 2-6 3-0 3-6 4-0 5-0 6-0 7-0 8-0	11	12	1-9 1-9 1-11 2-3 2-6 3-0 3-6 3-11 4-5	2-11 3-5 3-11 4-5 4-11 5-11 6-11 7-11 8-11	3-9 4-3 4-10 5-4 5-11 6-11 7-11 8-11 10-4	1-9 1-11 2-1 2-3 2-5 2-8 2-11 3-3 4-0	2-5 2-8 2-11 3-2 3-5 3-9 4-4 4-9 5-2	1-6 1-6 1-6 1-7 1-8 1-11 2-2 2-4 2-7	1-6 1-6 1-6 1-7 1-8 1-11 2-2 2-4 2-7	2-6	234 254 292 352 407 532 676 823 1,003	16 18 21 26 30 40 52 65 80	S-190



SPAN CLEAR	A	B	C	D	E	F	G	H	J	K	QUANTITIES	SPANS		
Face to face abutments	Height of available waterway	Top of abutment to top of floor	Abutment top	Abutment base	Height of wing abutment end	Wing length	Height of wing free end	Wing top	Wing base abutment end	Wing base free end	Footings depth	Spills from spillway of abutment	Spills from spillway of wing	Floor sheet No.
12-0	2-0	1-0	1-3	2-0	3-0	3-0	1-1	1-0	2-5	1-8	3-0	3-0	21	S-191
	4-0			4-0	4-0	2-5	1-9		3-61	28				
	5-0			5-0	5-0	2-8	1-8		4-33	35				
	6-0			6-0	7-1	3-0	1-11		5-36	46				
	7-0			7-0	8-2	3-4	2-2		7-64	58				
	8-0			8-0	9-3	3-7	2-5		9-55	71				
	9-0			9-0	10-4	4-1	2-7		11-08	84				
	10-0			10-0	11-6	4-6	2-8		13-15	97				
14-0	2-0	1-12	1-3	2-0	3-0	3-1	2-0	1-0	2-6	1-9	3-0	3-0	21	S-192
	3-0			3-0	4-1	2-1	3-0		1-9	3-61		27		
	4-0			2-5	5-1	2-1	2-6		1-9	4-33		36		
	5-0			2-1	6-12	7-2	3-1		2-0	2-0		6-36	47	
	6-0			3-6	7-12	8-1	3-5		4-6	2-2		7-64	60	
	7-0			4-0	8-1	9-5	3-8		4-1	2-5		9-55	75	
	8-0			4-5	9-1	10-6	4-2		5-1	2-8		11-08	92	
	9-0			4-1	10-1	11-7	4-6		5-9	2-0		13-15	110	
16-0	2-0	1-3	1-3	2-0	3-5	4-0	2-0	1-0	2-7	1-9	3-0	3-0	22	S-193
	3-0			2-0	4-3	5-2	2-4		3-1	1-9		3-1	27	
	4-0			2-5	5-3	6-3	2-9		3-7	1-9		4-36	36	
	5-0			2-1	6-3	7-4	3-1		4-1	2-0		6-06	47	
	6-0			3-6	7-3	8-5	3-6		4-6	2-3		7-64	60	
	7-0			4-0	8-3	9-6	3-0		5-0	2-5		9-55	76	
	8-0			4-5	9-3	10-8	4-2		5-6	2-8		11-08	92	
	9-0			4-1	10-3	11-9	4-7		5-10	2-1		13-15	111	
10-0	5-4	11-3	12-0	4-1	6-3	3-1	15-21	130						



NOTE: If bed of stream requires paving use 8 inch stone or 6 inches of concrete and construct a 12" curtain wall at each end of bridge extending to a sufficient depth.

Approved Feb. 21, 1921
E. E. Brundage Bridge Engineer
 Approved Feb. 21, 1921
Corbitt Chief Engineer

STANDARD ABUTMENTS
 SPANS - 2 FT. TO 16 FT.

S-180

Drawn by W.L.W.
 Checked by C.P.R. 2/10/21