

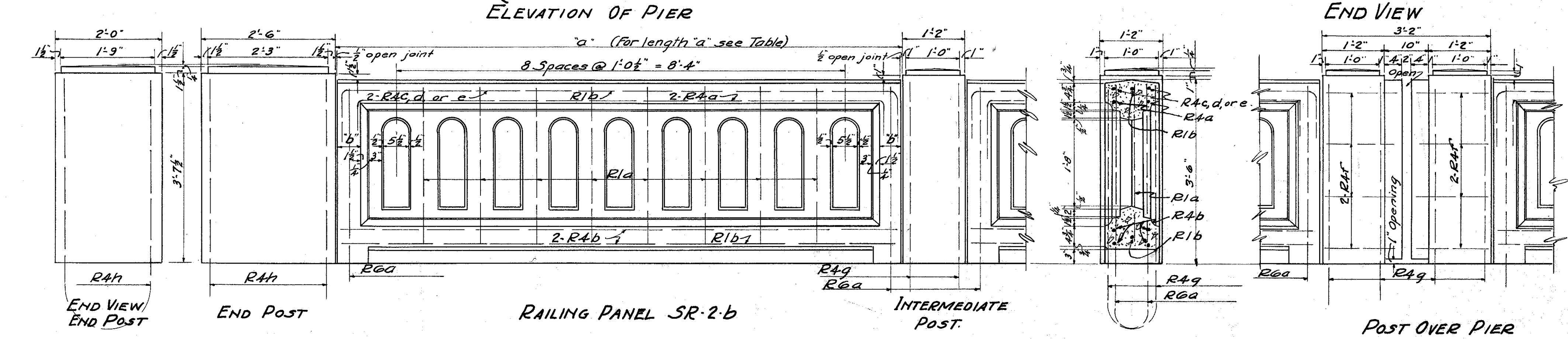
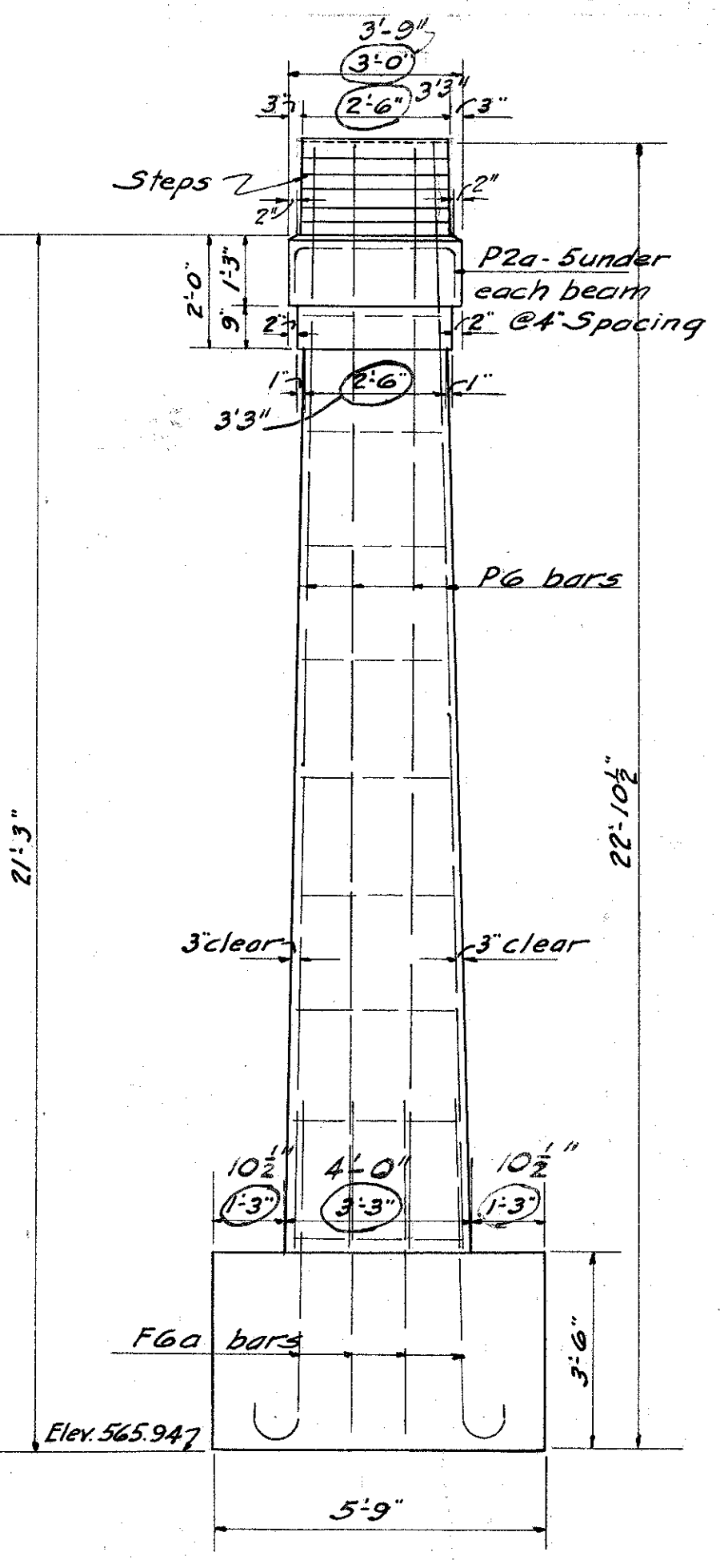
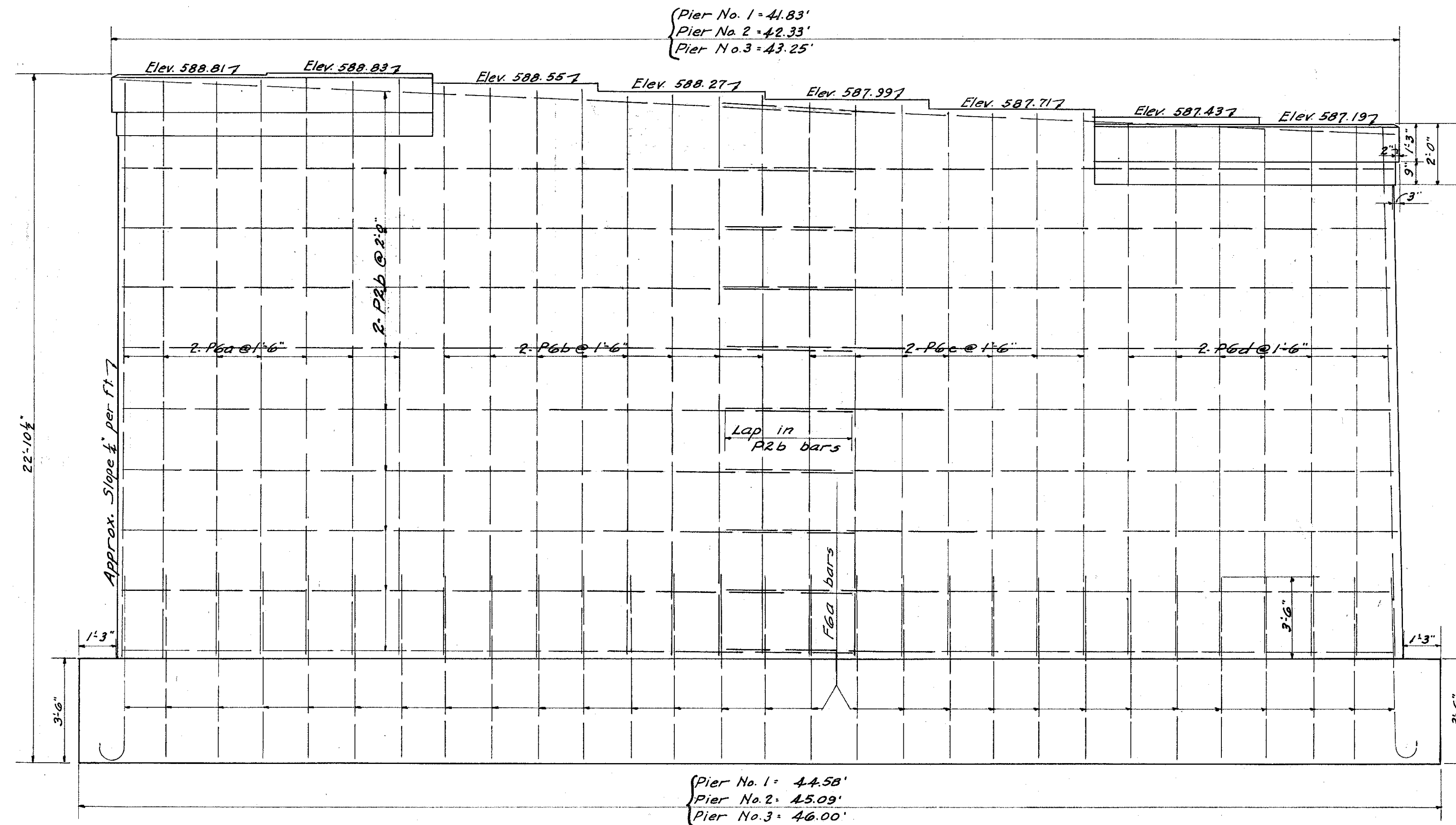
REINFORCING STEEL LIST FOR PIERS

Mark	Size	Shape	Length	No.	Weight
P2a	3/4" φ	2'-9"	4'-9"	120	381
P6a	3/8" φ Str.	P2a	13'-0"	48	1033
P6b	3/8" φ Str.		18'-6"	48	1817
P6c	3/8" φ Str.		18'-0"	42	1547
P6d	3/8" φ Str.	6'-0"	17'-6"	42	1504
F6a	3/8" φ	6'-6"	6'-6"	174	2315
P2b	3/4" Str.		21'-0"	120	1683
TOTAL					19,880

REINFORCING STEEL LIST FOR RAILING

Mark	Size	Shape	Length	No.	Weight
R1a	3/8" φ Str.		3'-0"	384	
R1b	3/8" φ Str.		10'-8"	96	
R1c	3/8" φ Str.		12'-0"	96	
R1d	3/8" φ Str.		10'-3"	192	
R1e	3/8" φ Str.	R1a = 10'-0"	12'-3"	48	
R1f	3/8" φ Str.	R1c = 10'-2"	18'-3"	24	
R1g	3/8" φ Str.	R1d = 10'-3"	12'-3"	24	
R1h	3/8" φ Str.	R1e = 10'-2"	10'-3"	104	1113
R1i	3/8" φ Str.		10'-8"	8	89
R6a	3/8" φ		10'-0"	96	1964
TOTAL					3,166

• Denotes bars in Panel A, D, E and H only
 •• Denotes bars in Panel B and C only
 ••• Denotes bars in Panel F and G only



RAILING PANEL VARIABLES

Railing Panel	Length 'a'	'b'
A	10'-5 1/2"	4 1/8"
B	10'-6 1/2"	4 1/8"
C	10'-6 1/2"	4 1/8"
D	10'-5 1/2"	4 1/8"
E	10'-5"	4"
F	10'-5 1/2"	4 1/8"
G	10'-5 1/2"	4 1/8"
H	10'-4 1/2"	3 7/8"

G Lengths "a" in each respective Railing Panel

STATE OF OHIO
DEPARTMENT OF HIGHWAYS
BUREAU OF BRIDGES

PIER and RAILING DETAILS and STEEL LISTS

BRIDGE No. LA-283-47
OVER CHAGRIN RIVER

LAKE COUNTY S.H. 520
SEC. B & C BRS.

DESIGNED: B.S.N. DRAWN: C.E.N. CHECKED: W.J.H. TRACED: A.S.P. REVIEWED: J.H.R. DATE: 12-31-31

STA. 175 +70
REVISED: 3-28-32

Encircled dimensions revised 3-28-32-GEN