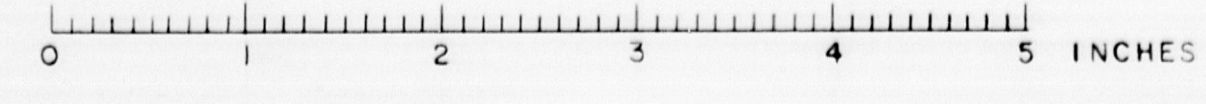
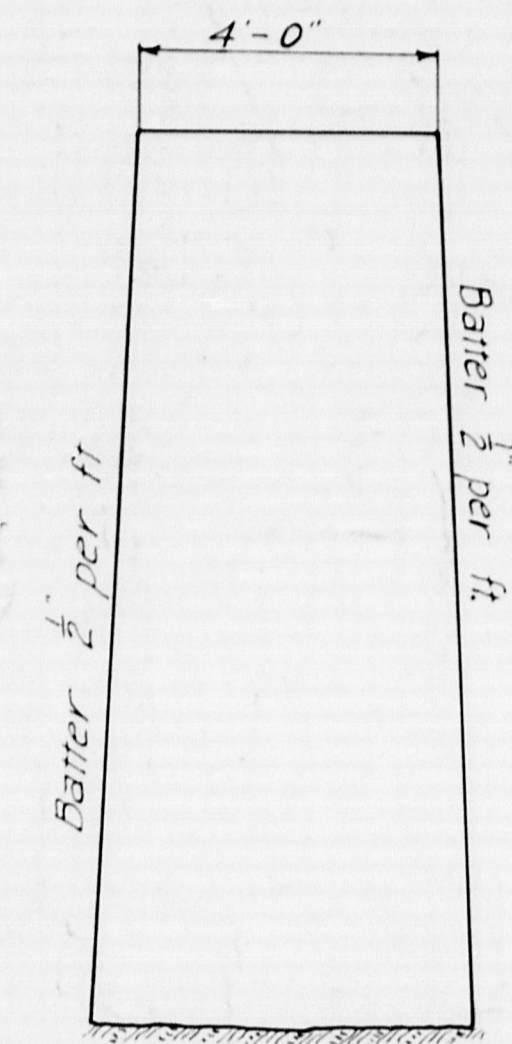
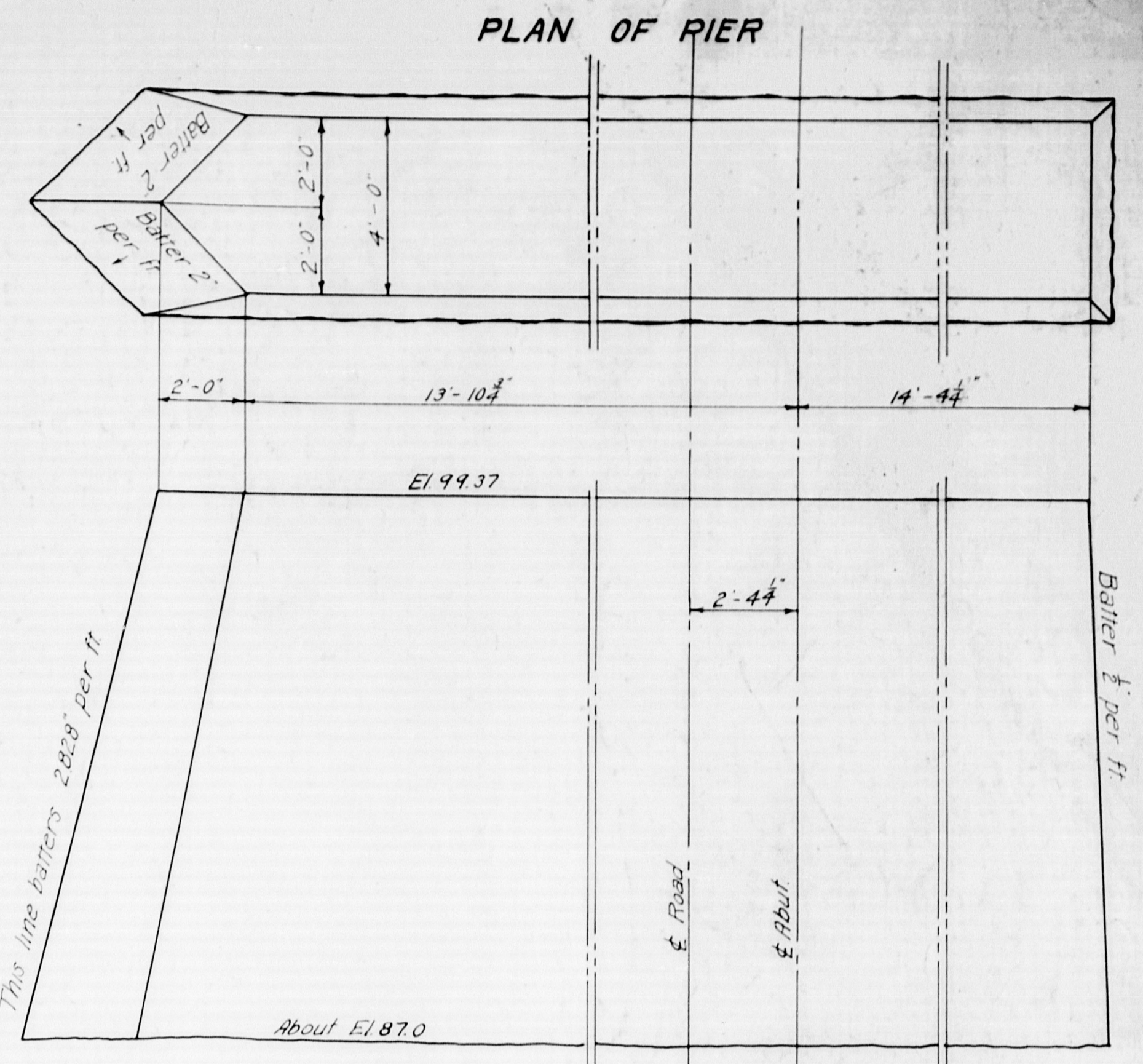
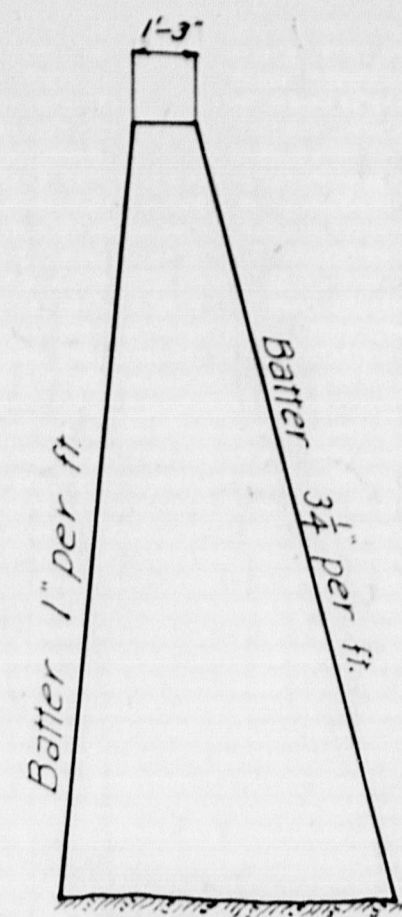
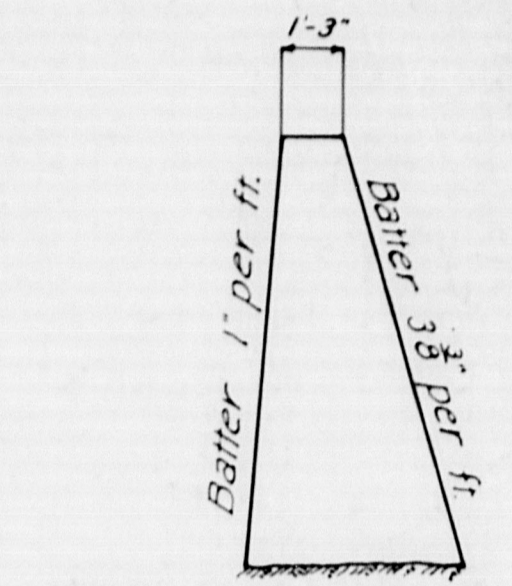
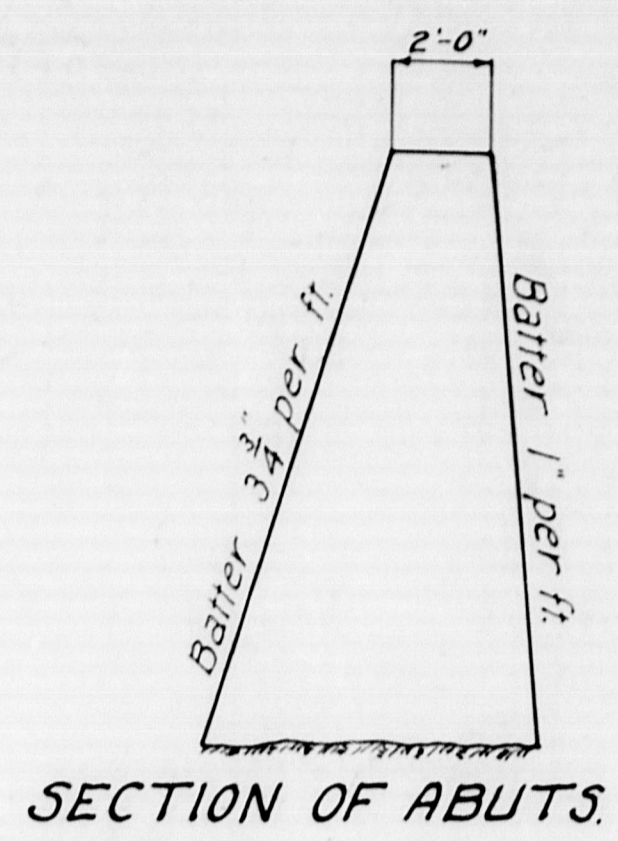
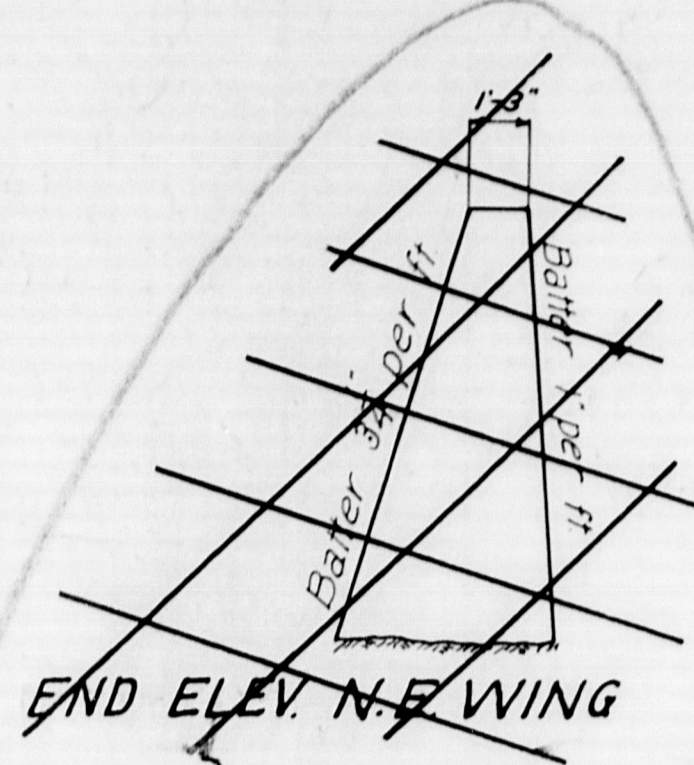


STATE HIGHWAY COMMISSION  
BRIDGE DIVISION  
**LISBON CENTER BRIDGE**  
OVER  
**SABBATTUS STREAM**  
IN THE TOWN OF  
**LISBON, ANDROSCOGGIN CO.**  
SURVEY PLAN  
AUGUSTH PRINE JULY 7, 1925  
SHEET 1 OF 3

2-171 2-171

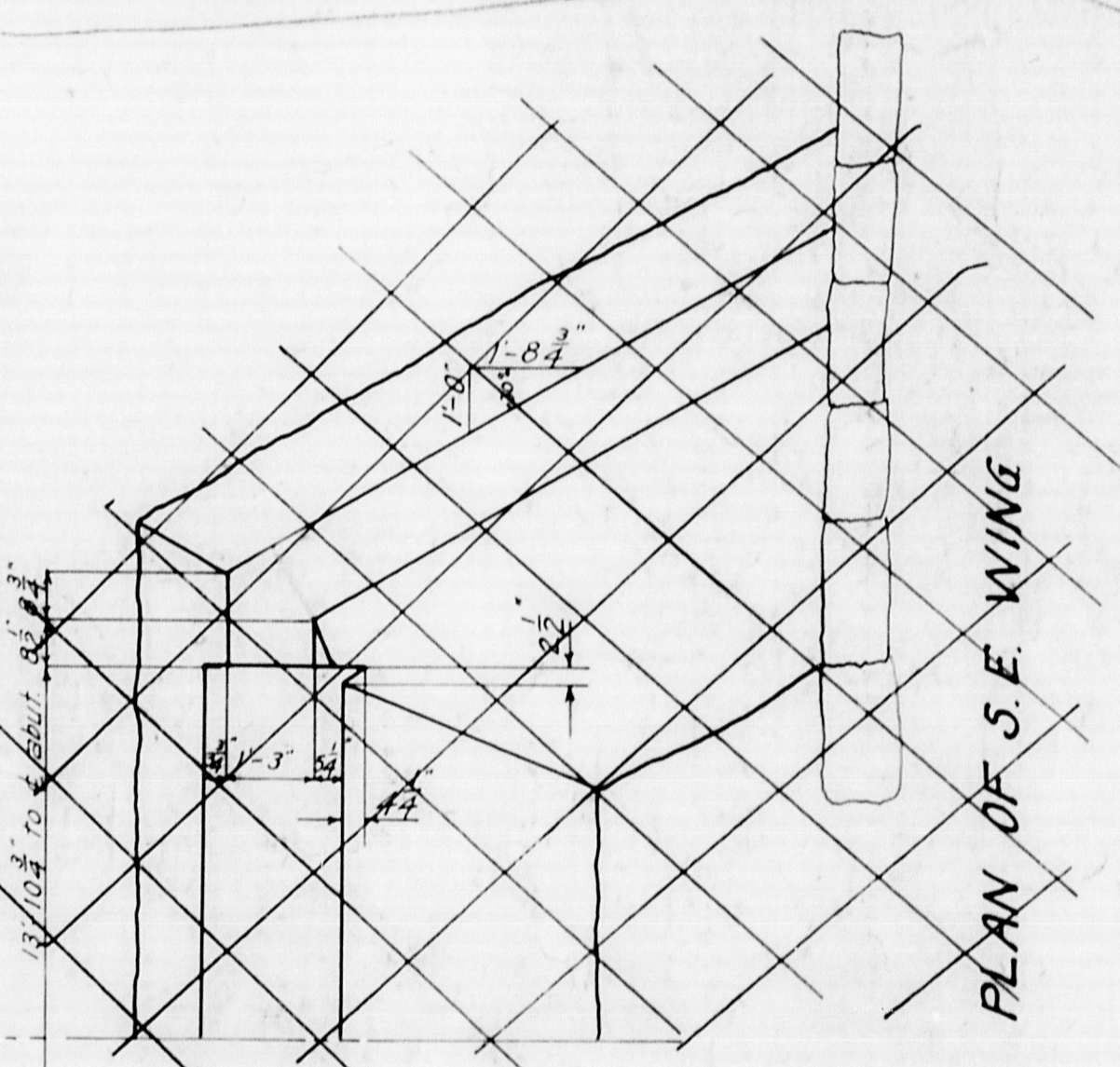
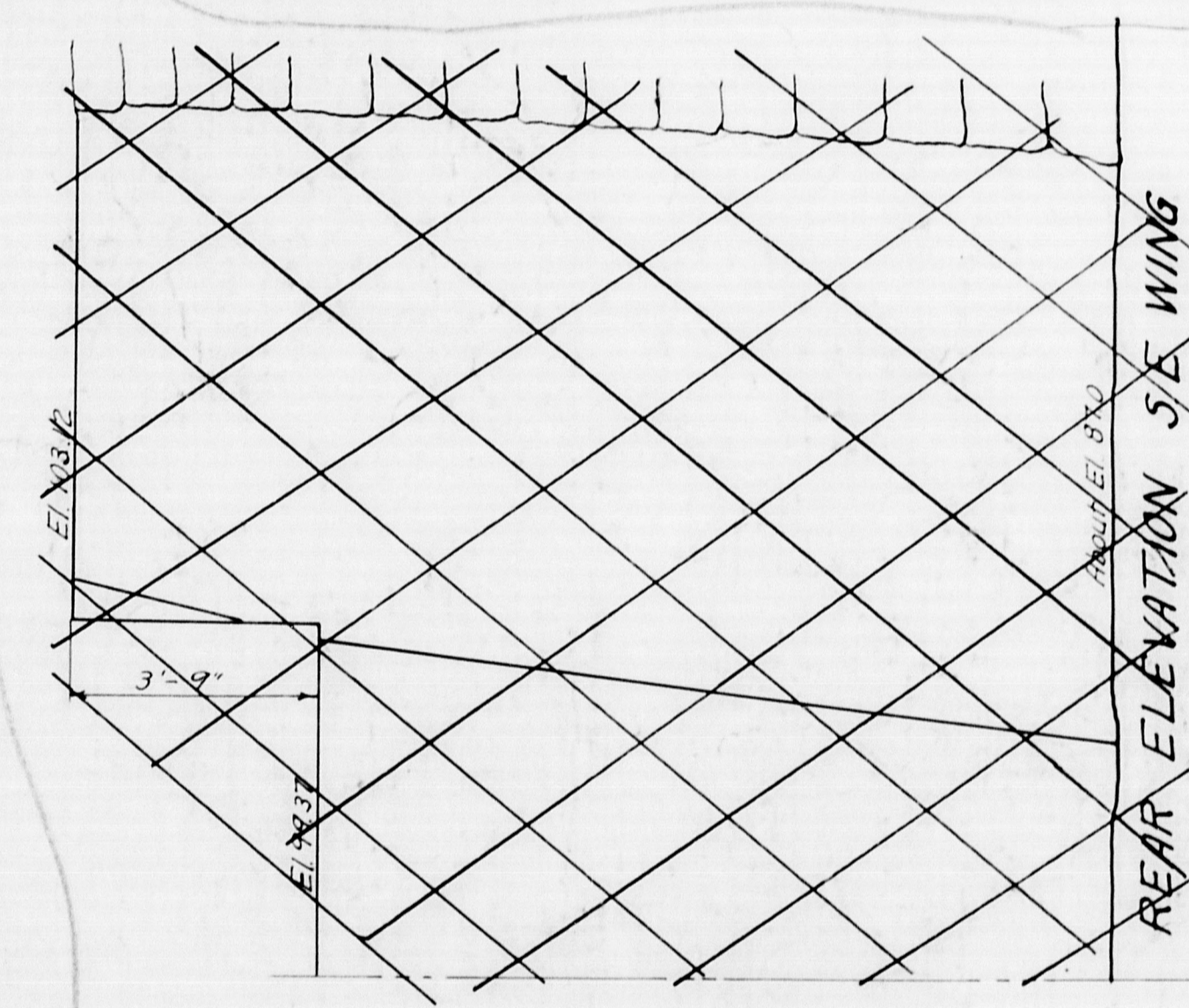
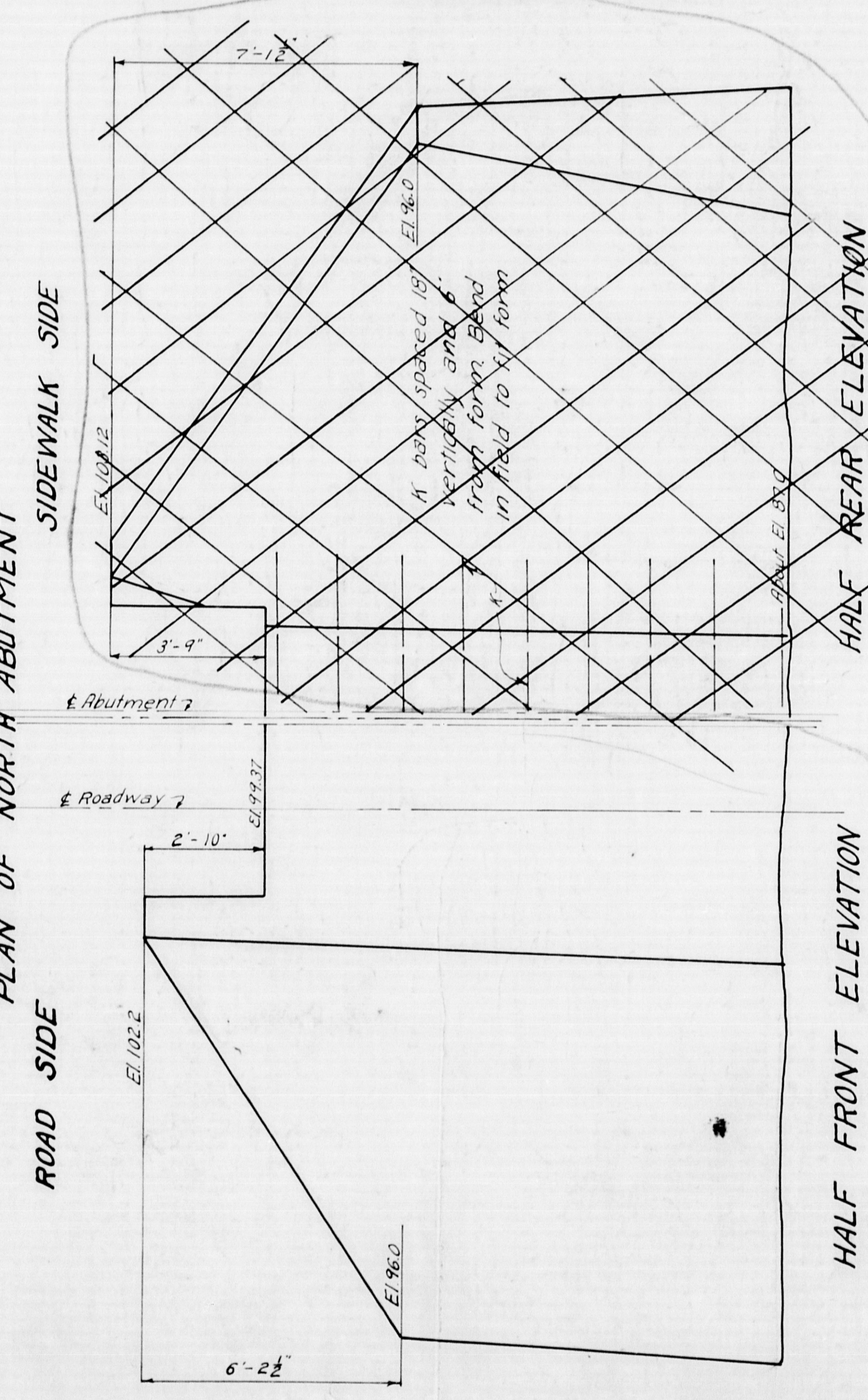
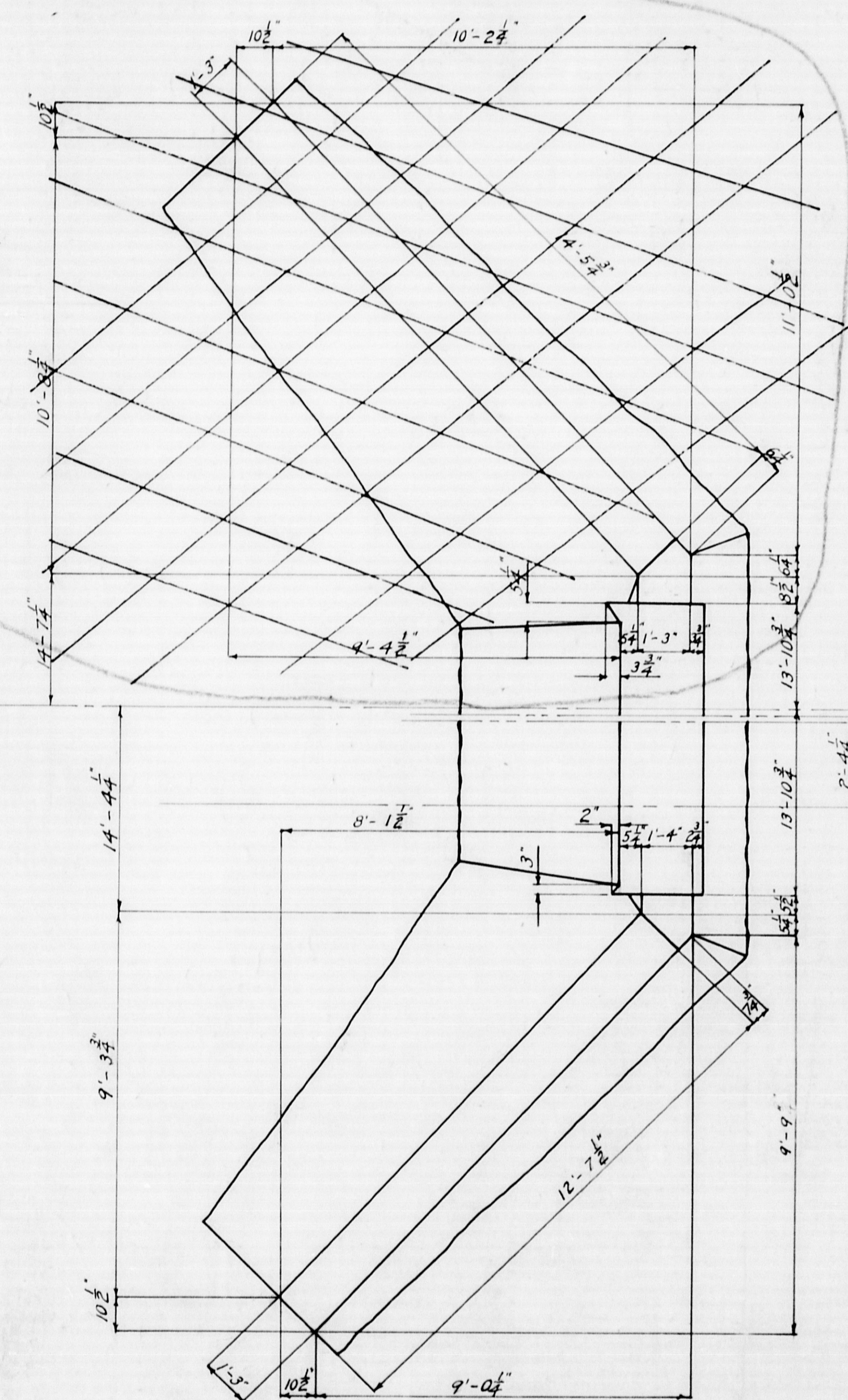


SURVEYED BY HLD  
PLOTTED BY HLD  
TRACED BY HLD



SECTION OF PIER

SIDE ELEVATION OF PIER



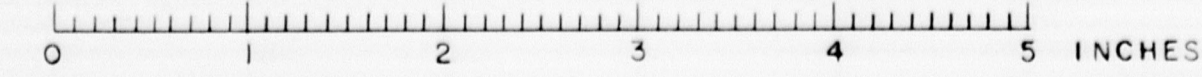
SEE SHEET 5 FOR REVISION OF S.E. WING

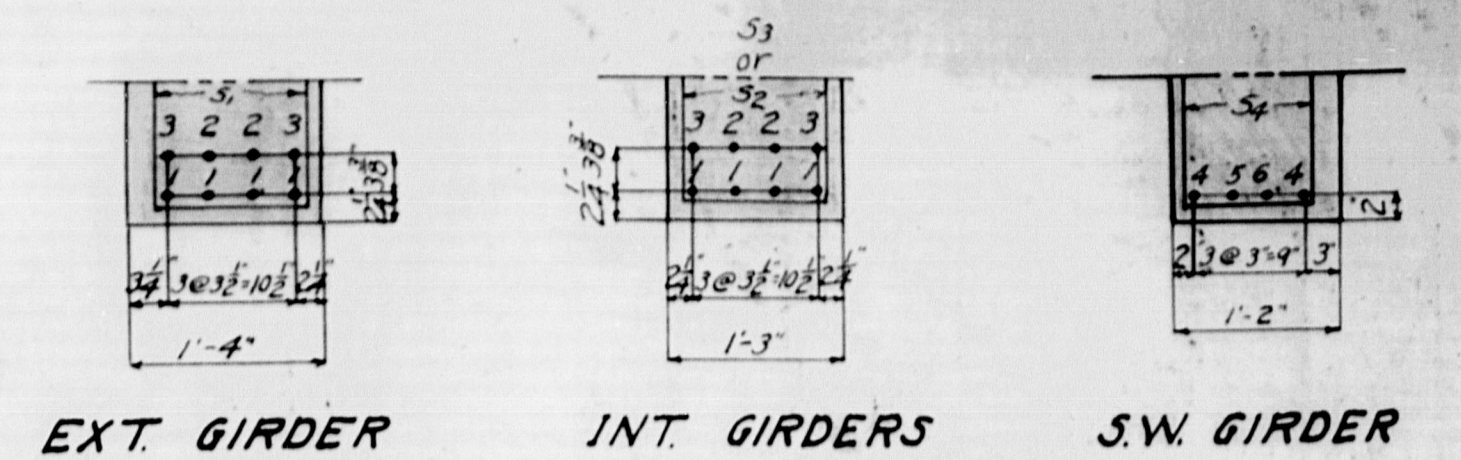
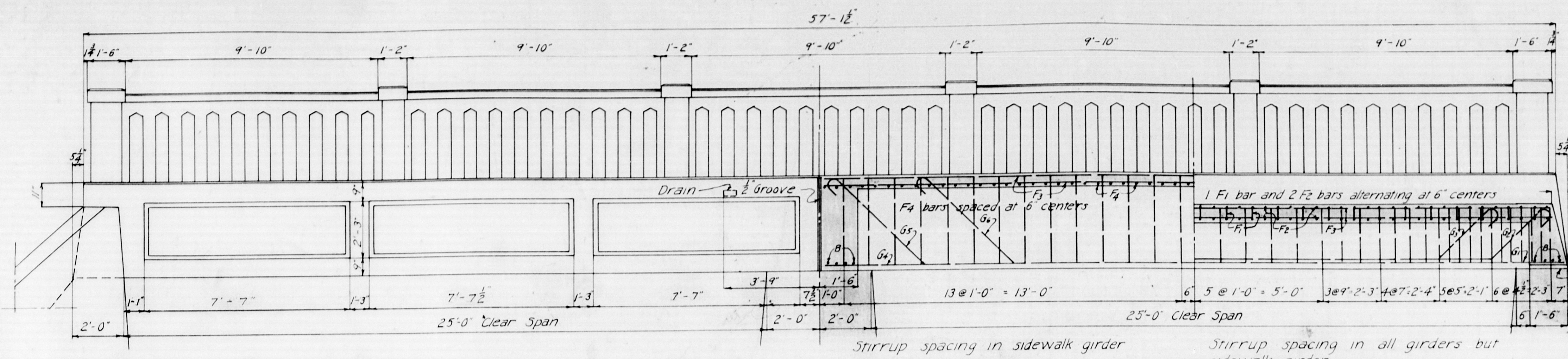
Note: Both abutments are alike except the south east wing which is at an angle of 30° with the center line of roadway and is level on top to connect with an existing retaining wall.  
Upstream wings are alike

MAINE HIGHWAY COMMISSION  
BRIDGE DIVISION  
**LISBON CENTER BRIDGE**  
OVER  
**SABATTUS STREAM**  
IN THE TOWN OF  
**LISBON ANDROSCOGGIN COUNTY**  
SUBSTRUCTURE

Revised 10/16  
Revised 11/16  
SHEET 2 of 3 AUGUSTA, Me. Mar. 3, 1926

2-172 2-172

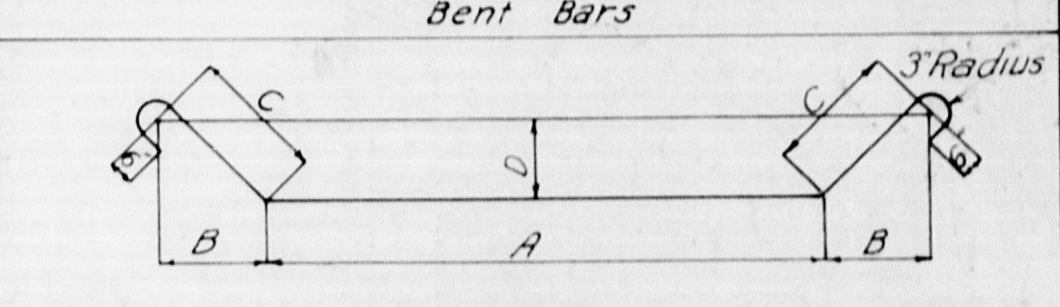




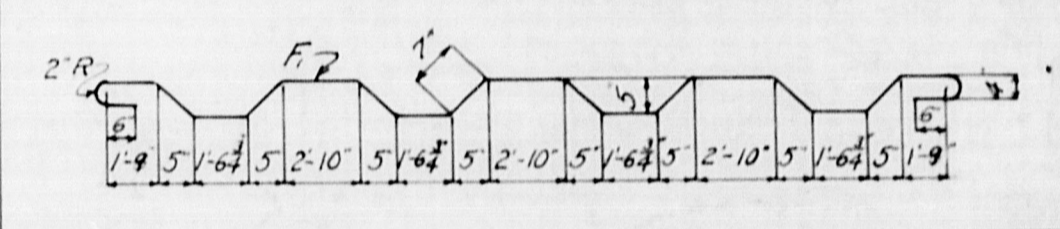
Note: Expansion joint to consist of 3" of heavy roofing felt under each girder at both abutments.

STEEL SCHEDULE

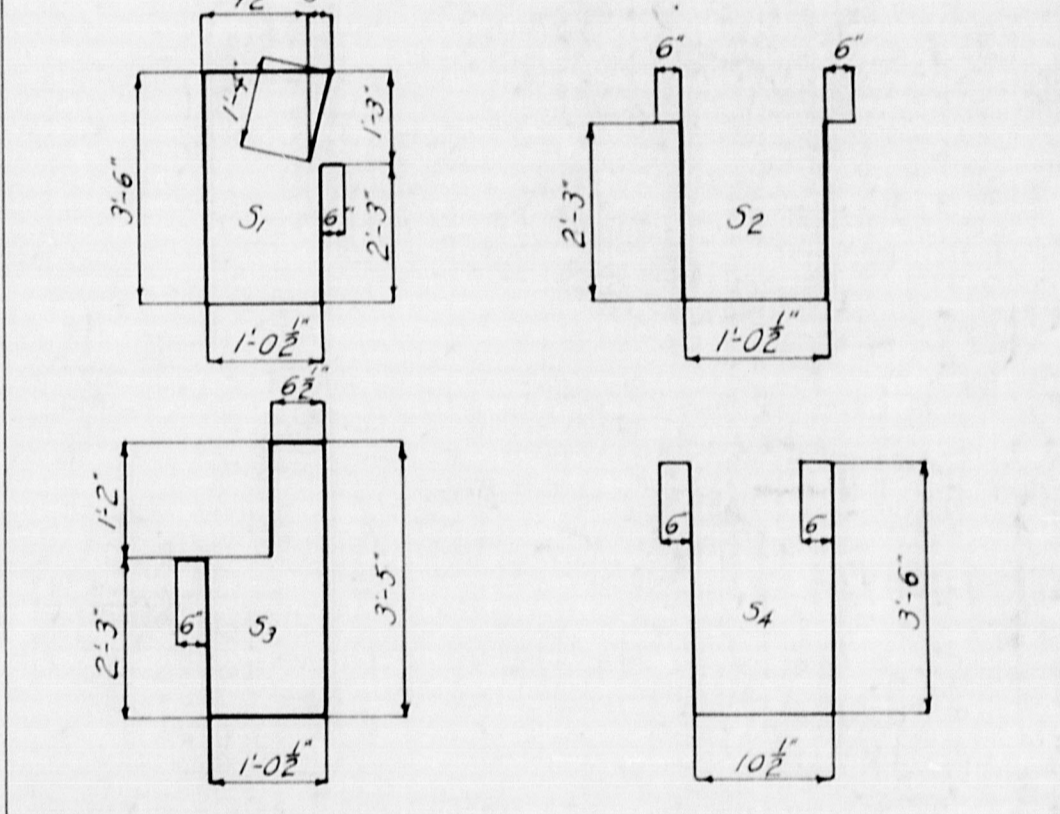
Mark	Size	No Req'd	Length	Location
F <sub>1</sub>	3/8"	116	22'-0"	Roadway Slab
F <sub>2</sub>	1/2"	52	29'-3 1/2"	Slabs
F <sub>3</sub>	1/2"	114	5'-11 1/2"	S.W. Slab
S	1 1/2"	40	28'-7"	Girders
S <sub>1</sub>	1 1/2"	4	28'-7"	S.W. Girders
B	16	27'-4 1/2"		Endwalls
K	3/8"	36	8'-0"	Abut Wings
P	3/8"	48	4'-6"	Posts
R <sub>1</sub>	3/8"	110	4'-3"	Rails
R <sub>2</sub>	-	30	10'-3"	



Mark	Size	No Req'd	A	B	C	D	Total	Location
G <sub>2</sub>	1 1/2"	20	23'-8 1/2"	1'-11 1/2"	2'-5 1/2"	1'-7"	31'-3"	Girders
G <sub>3</sub>	1"	2	19'-10 1/2"	1'-11 1/2"	2'-5 1/2"	1'-7"	27'-4 1/2"	S.W. Girders
G <sub>4</sub>	1"	2	20'-8 1/2"	3'-6"	4'-8 1/2"	3'-11 1/2"	32'-8 1/2"	S.W. Slab
G <sub>5</sub>	-	2	13'-8 1/2"	3'-6"	4'-8 1/2"	3'-11 1/2"	25'-0"	

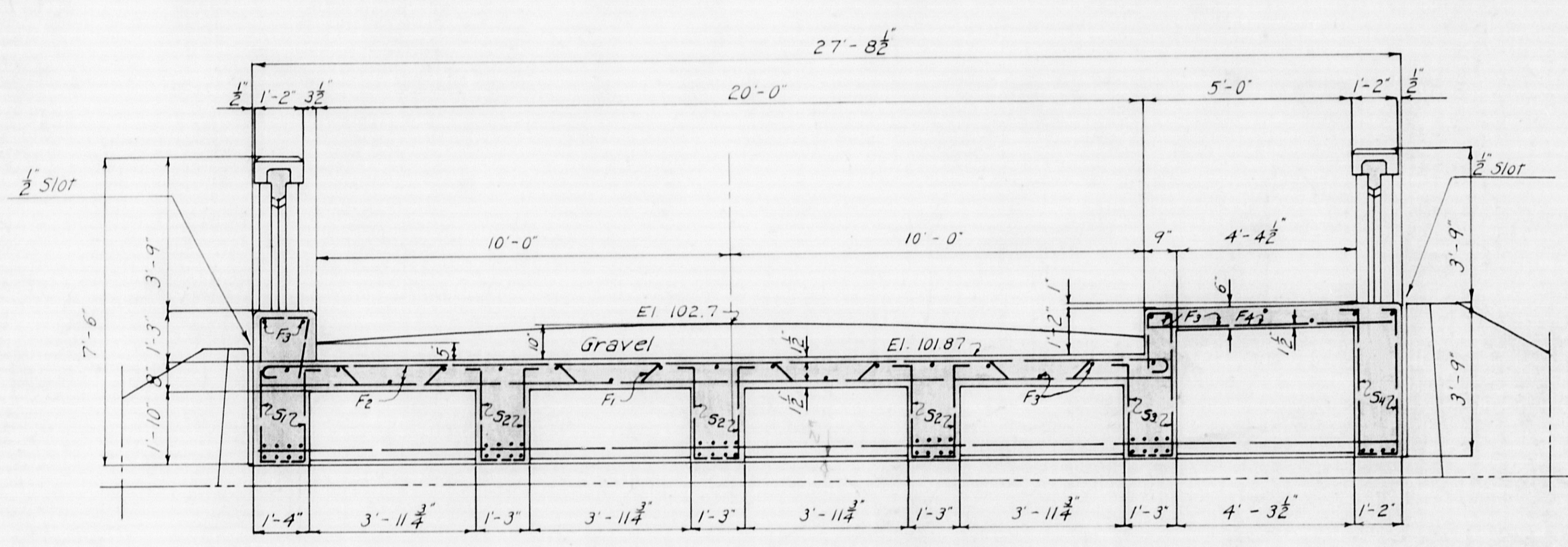


Mark	Size	No Req'd	Length	Location
F <sub>1</sub>	3/8"	56	24'-11 1/2"	Roadway Slab

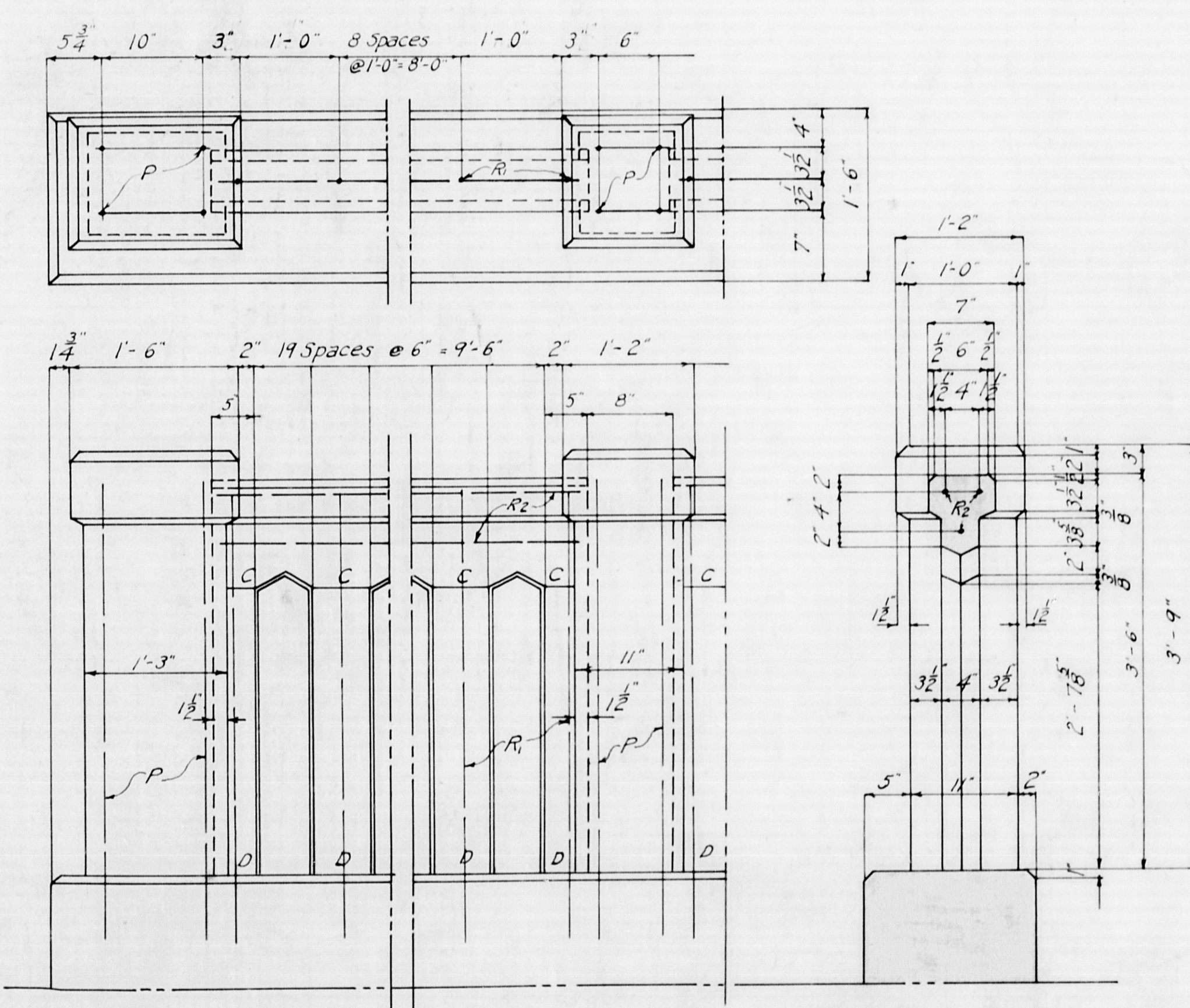
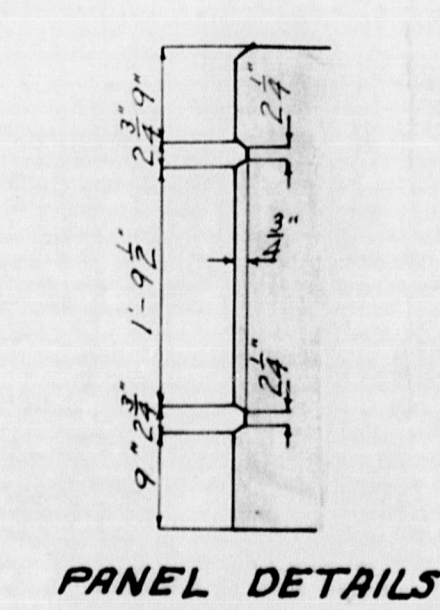
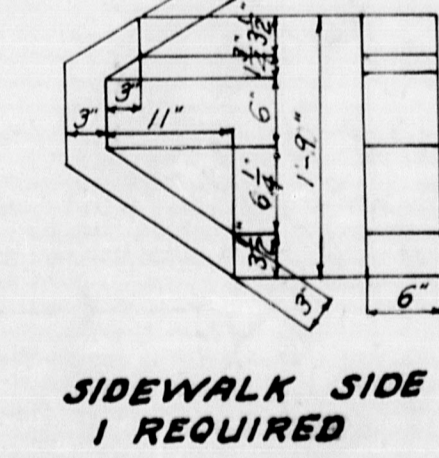
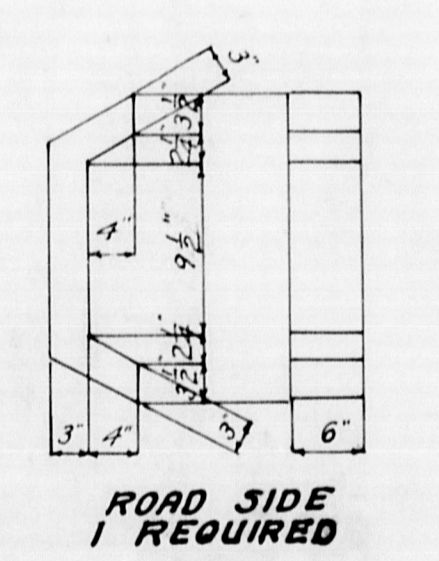


Mark	Size	No Req'd	Length	Location
S <sub>1</sub>	3/8"	94	9'-10"	Ext girder
S <sub>2</sub>	-	202	6'-6 1/2"	Int Girders
S <sub>3</sub>	-	94	8'-11"	
S <sub>4</sub>	-	56	8'-10 1/2"	S.W. girder

Steel dimensions given on center line of bar



Note: Cover the 2" openings between endwalls and the bridge seats and the 3" slots between superstructure and wings on the back side with 2 layers of heavy roofing felt. Coat concrete and back side of each layer of felt as applied with hot tar or asphalt.

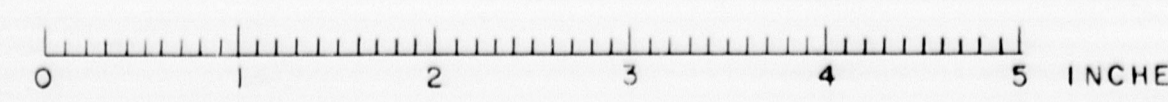


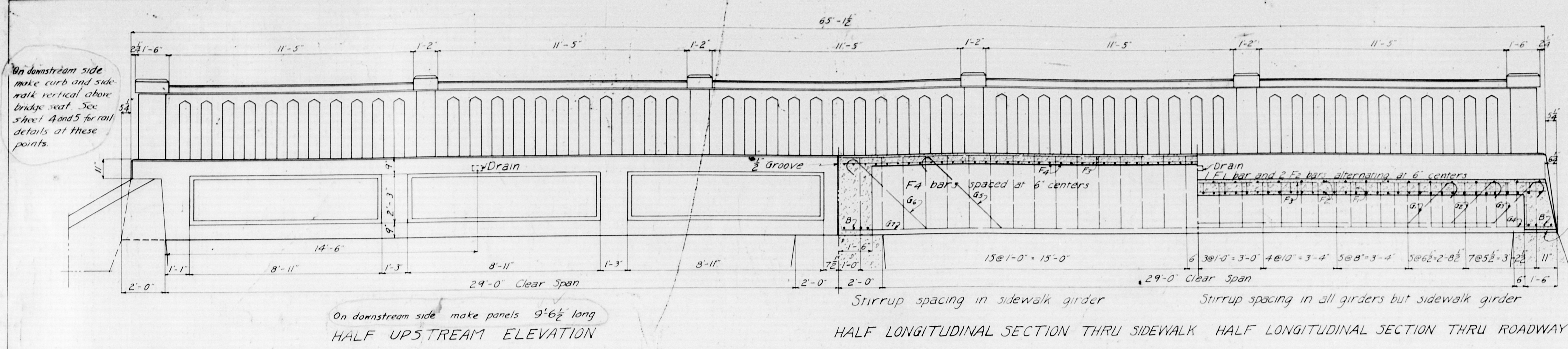
Curb to be cast with slab. Place vertical rods for posts and rails in curb. Break the bond at points C and D, top and bottom of each vertical section between openings and at ends by placing there one layer of roofing felt cut to fit form and slipped down over the reinforcement at the proper time. After rail forms are removed wrap the end 6" of each rail with roofing felt folded in ends and build post forms so that rails project into posts 1/2". When forms are removed cut away felt left exposed. All roofing felt to be heavy. All exposed edges of concrete to be chamfered 1/2" unless otherwise indicated.

MAINE HIGHWAY COMMISSION  
BRIDGE DIVISION  
**LISBON CENTER BRIDGE**  
OVER  
**SABATTUS STREAM**  
IN THE TOWN OF  
**LISBON ANDROSCOGGIN COUNTY**  
SUPERSTRUCTURE  
SHEET 3 of 3 AUGUSTA, Me March 4, 1926

Revised

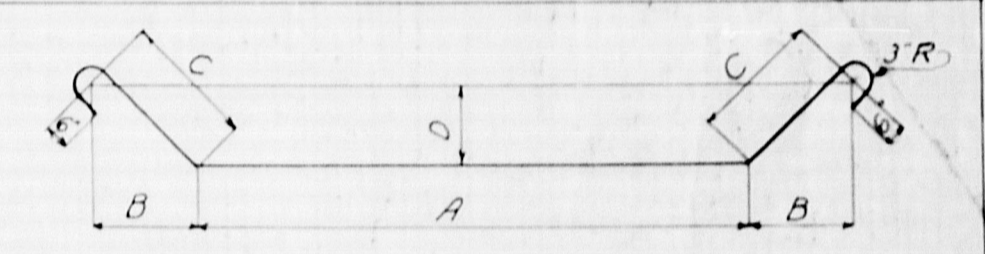
2-173 2-173



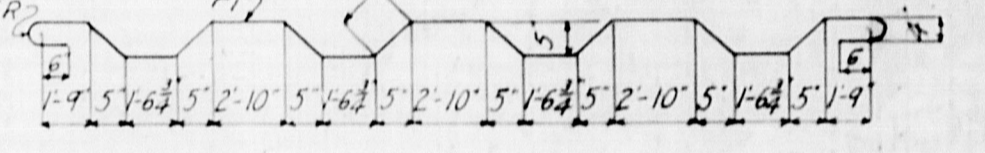


STEEL SCHEDULE

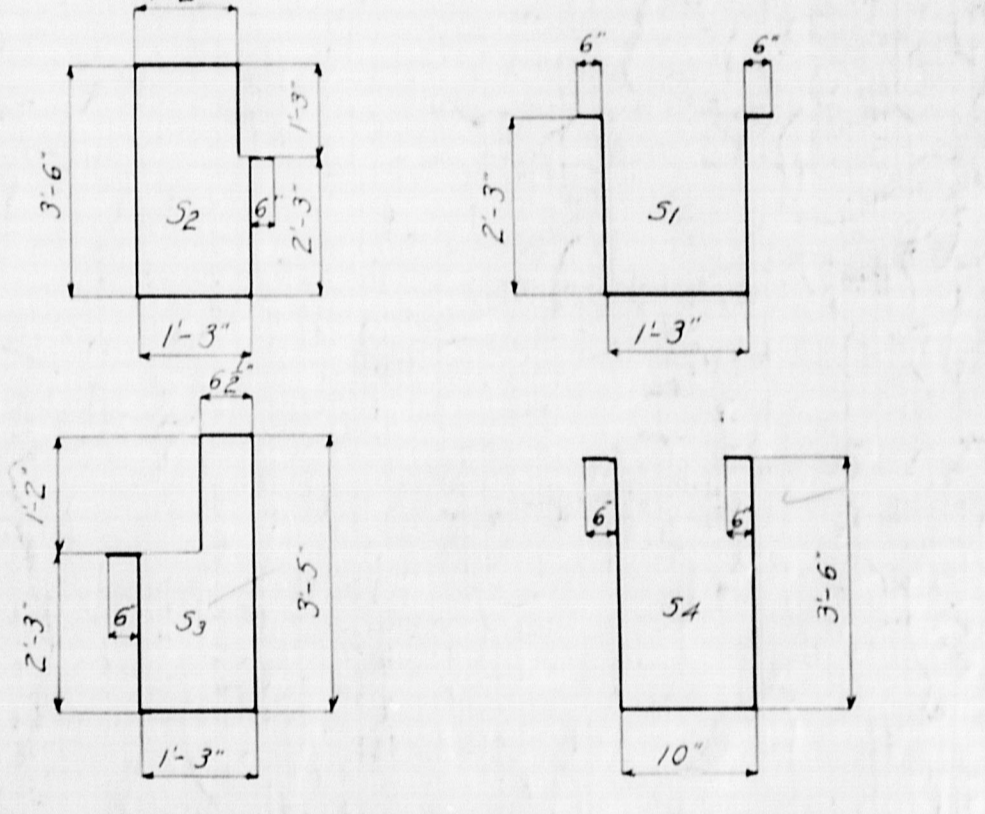
Mark	Size	No. Reqd	Length	Location
F2	3/8"	132	22'-0"	Roadway Slab
F3	1/2"	52	32'-4 1/2"	Slabs & Curb
F4	1/2"	130	5'-11 1/2"	SW Slab
G1	1"	4	32'-7"	SW Girders
G4	1 1/2"	50	32'-7"	Girders
B	1"	16	27'-4 1/2"	Endwalls
R	3/4"	36	8'-0"	Abut. Wings
P	3/4"	48	4'-6"	Posts
R1	3/4"	120	4'-3"	Rails
R2	3/4"	30	11'-10"	"



Mark	Size	No. Reqd	A	B	C	D	Total	Location
G1	1 1/2"	10	19-11 1/2"	1-11 1/2"	2-5 1/2"	1-7"	27'-6"	Girders
G2	2"	20	23-10 1/2"	1-11 1/2"	2-5 1/2"	1-7"	31'-4 1/2"	"
G3	2"	20	27-8 1/2"	1-11 1/2"	2-5 1/2"	1-7"	35'-3"	"
G5	1 1/2"	2	17-8 1/2"	3'-6"	4'-8 1/2"	3'-11 1/2"	29'-8 1/2"	SW
G6	1 1/2"	2	24-8 1/2"	3'-6"	4'-8 1/2"	3'-11 1/2"	36'-8 1/2"	"

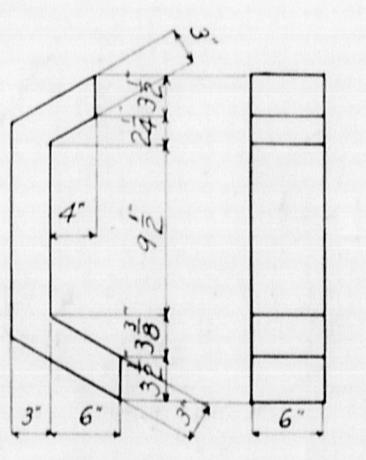
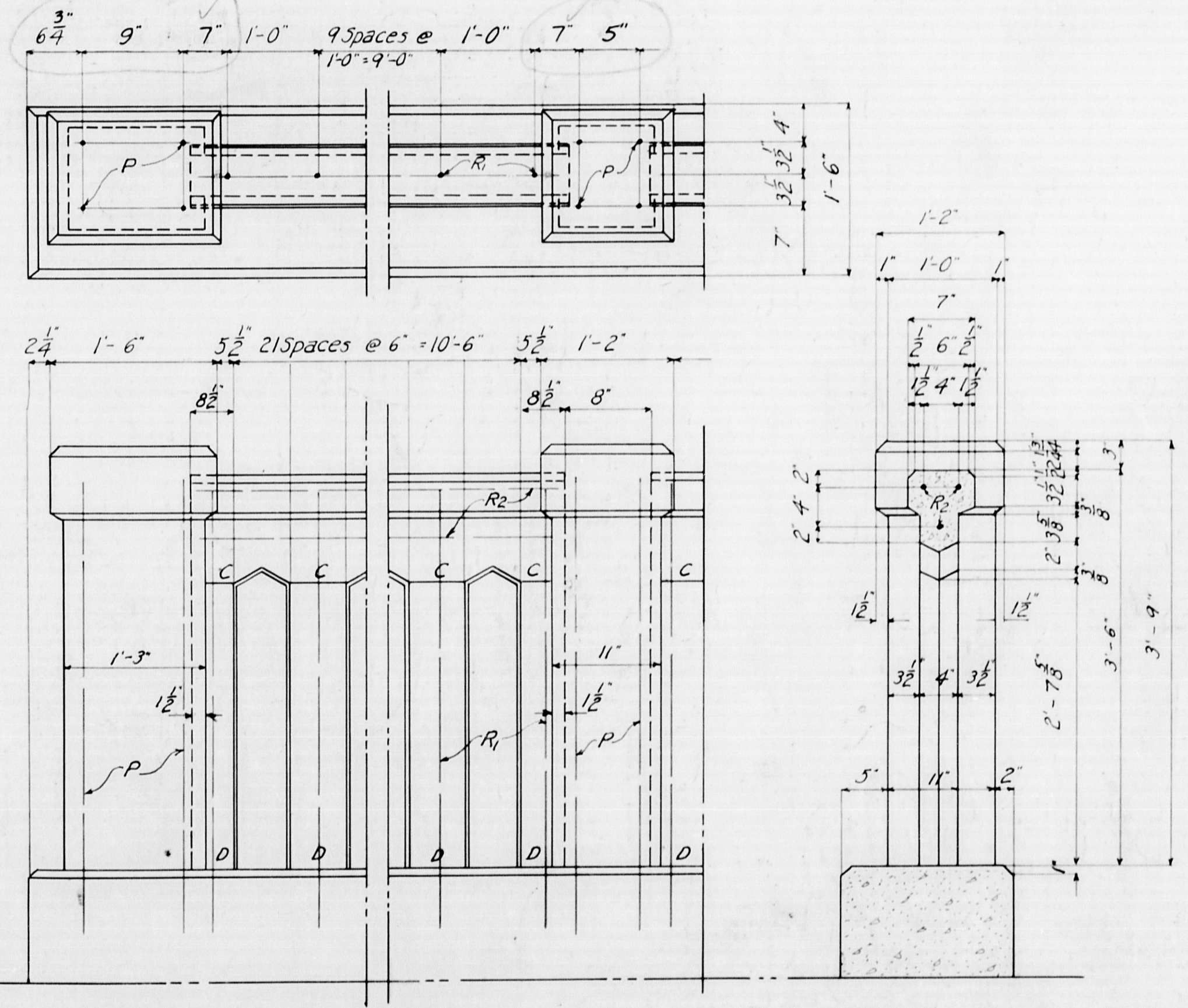
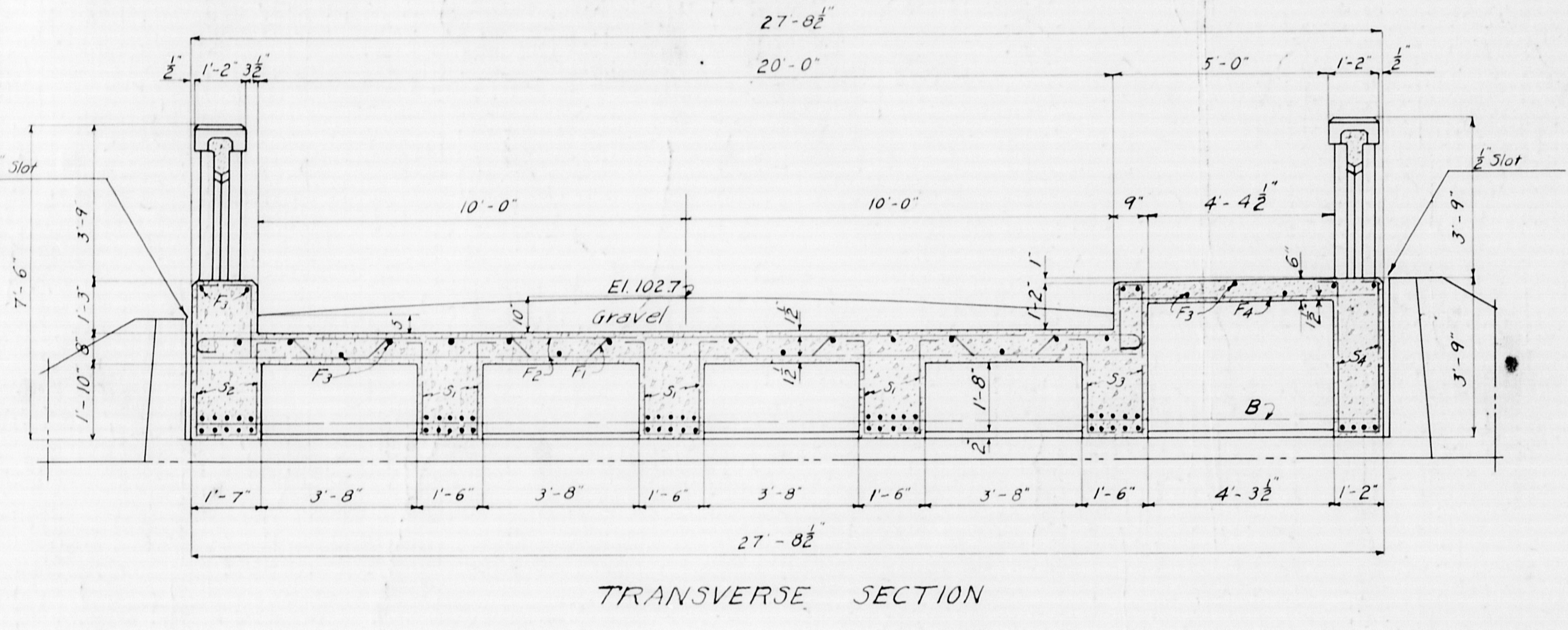


Mark	Size	No. Reqd	Length	Location
F1	3/8"	67	24'-11 1/2"	Roadway Slab

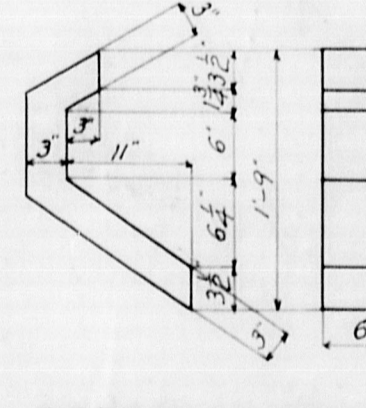


Mark	Size	No. Reqd	Length	Location
S1	4"	294	6'-9"	Int girder
S2	4"	98	9'-11"	Ext
S3	4"	98	9'-1 1/2"	Int
S4	4"	64	8'-10"	SW

Steel dimensions given on center line of bar

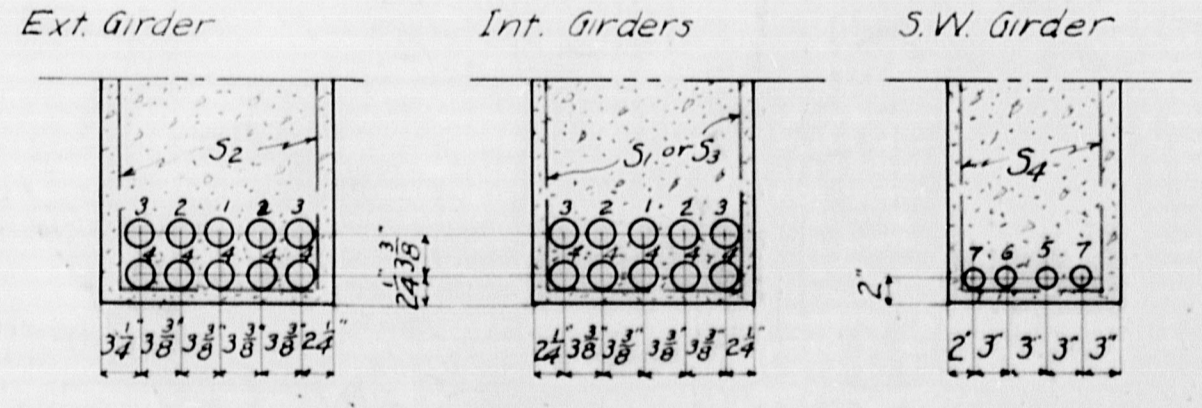


ROAD SIDE 2 REQUIRED



SIDEWALK SIDE 2 REQUIRED

METAL FORMS FOR DRAINS



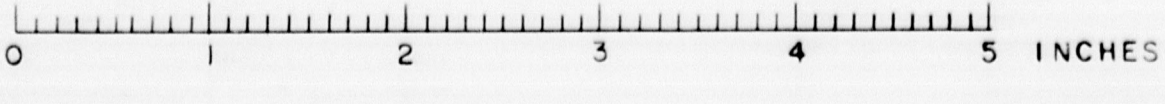
PANEL DETAILS

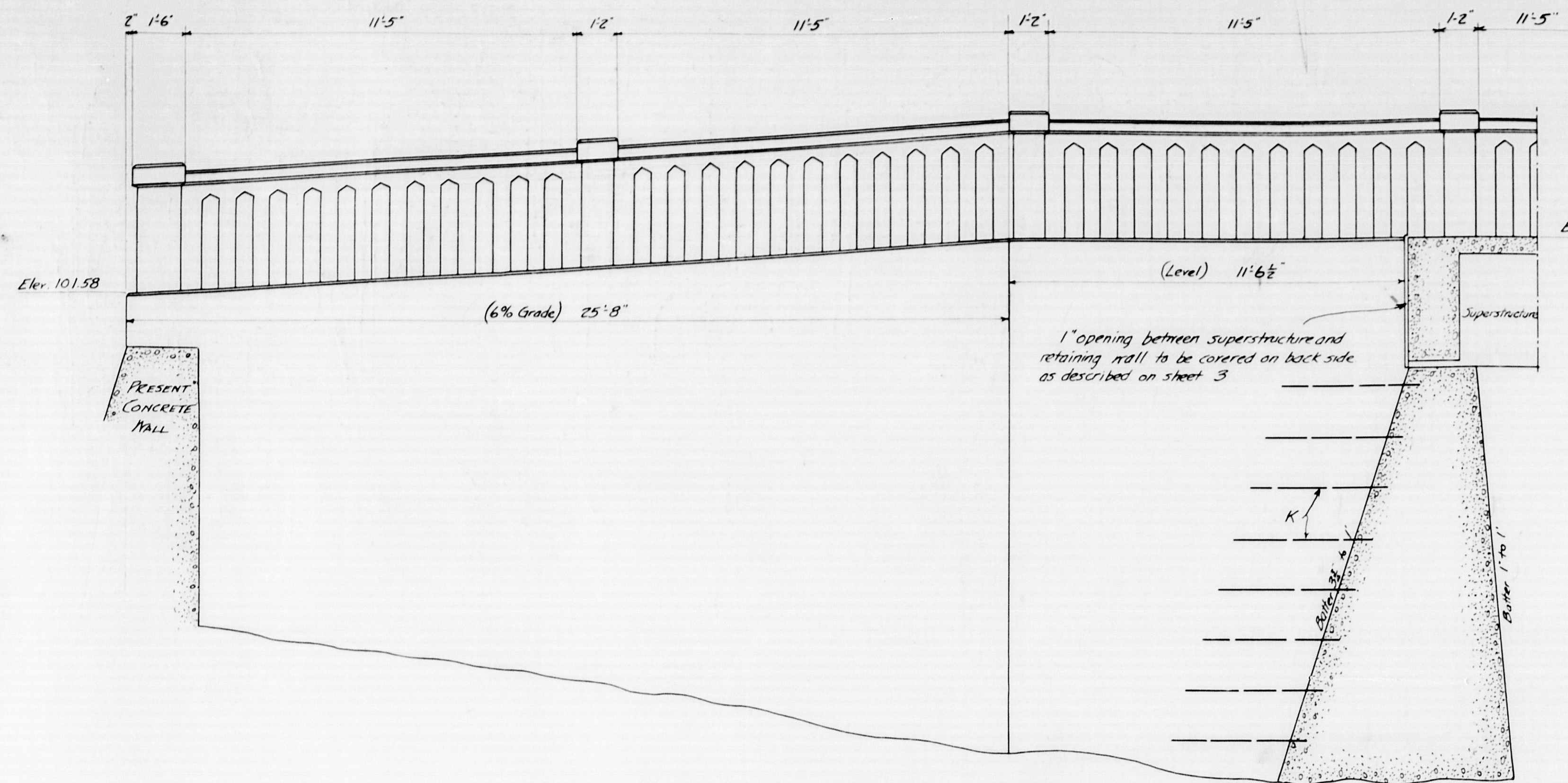
RAIL DETAILS

Curb to be cast with slab. Place vertical for posts and rails in curb. Break the bond at points C and D, top and bottom of each vertical section between openings and at ends, by placing there one layer of roofing felt cut to fit form and slipped down over the reinforcement at the proper time. After rail forms are removed wrap the end 6" of each rail with roofing felt, fold in ends and build post forms so that rails project into posts 1/2". When forms are removed cut away felt left exposed. All roofing felt to be heavy. All exposed edges of concrete to be chamfered 1/2" unless otherwise indicated.

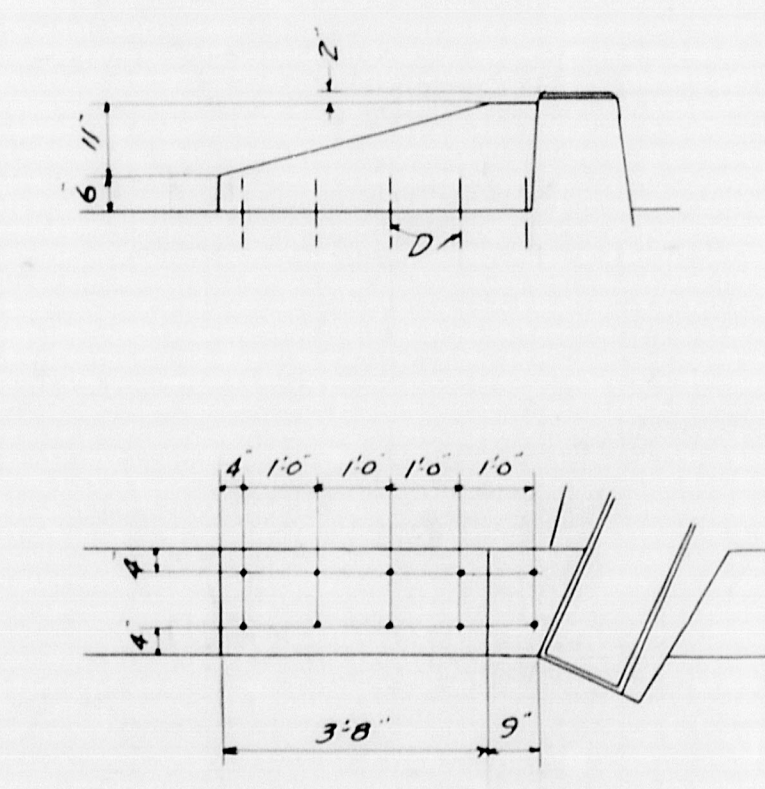
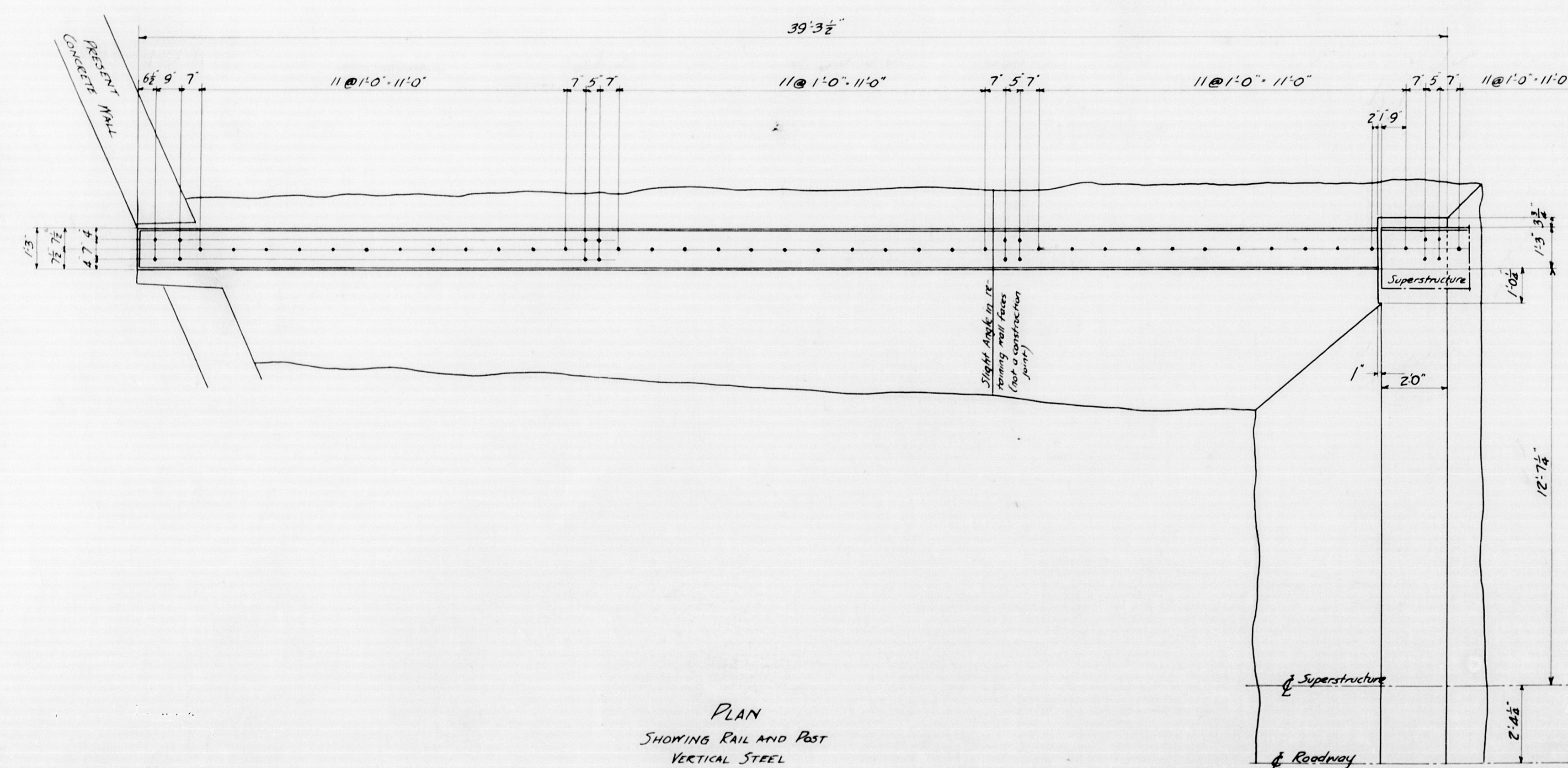
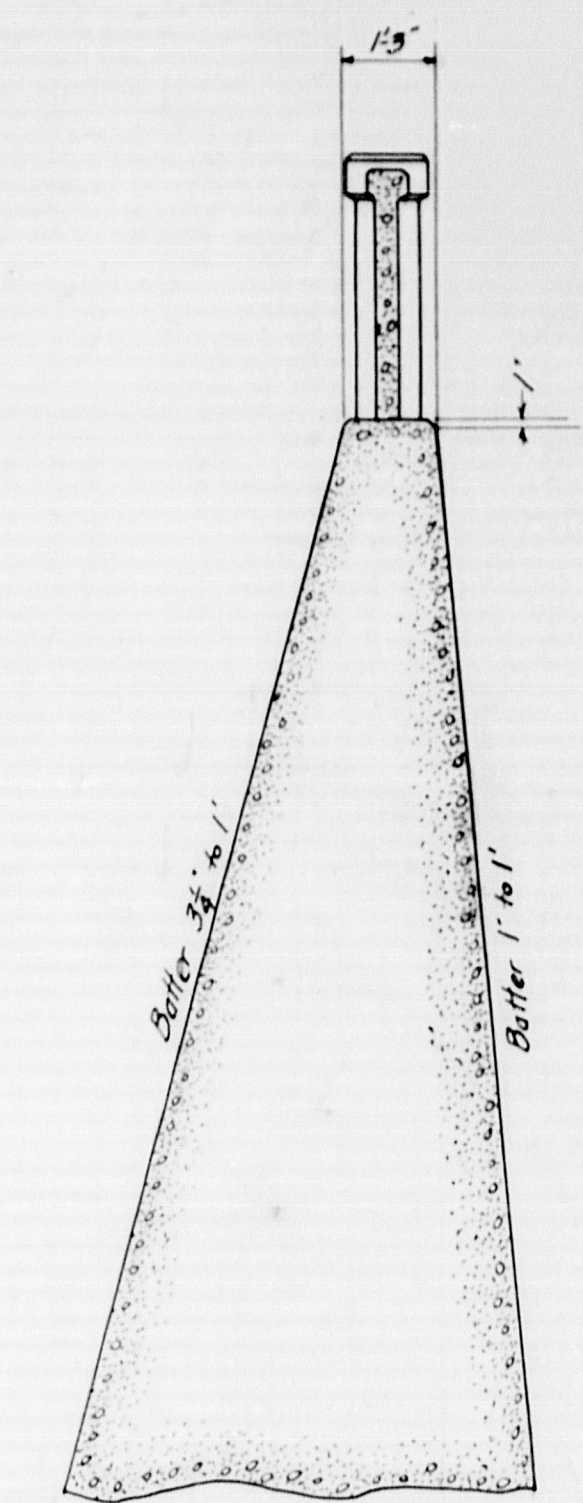
See sheet 5 for special post and rail sections, S.E. Wing

MAINE HIGHWAY COMMISSION  
BRIDGE DIVISION  
**LISBON CENTER BRIDGE**  
OVER  
**SABATTUS STREAM**  
IN THE TOWN OF  
**LISBON ANDROSCOGGIN COUNTY**  
SUPERSTRUCTURE  
SHEET 3 of 3 AUGUSTA, Me. May 3, 1926





Rail is to be of the same general design as shown for superstructure portion. For rail on 6% grade, rail bolsters and posts are to be vertical, tops of posts on grade.



On top of, and doweled to present concrete wall the block of concrete shown above is to be built, to retain the sidewalk fill.

ADDITIONAL STEEL REQUIRED

12	Bars	P	3/4"	4'-6" long
36		R <sub>1</sub>	3/4"	4'-3"
9		R <sub>2</sub>	3/8"	11'-10"
10		D	3/4"	1'-0"

MAINE HIGHWAY COMMISSION  
BRIDGE DIVISION  
**LISBON CENTER BRIDGE**  
OVER  
**SABATTUS STREAM**  
IN THE TOWN OF  
**LISBON, ANDROSCOGGIN CO.**  
REVISION OF N.E. WING  
SHEET 4. AUGUSTA, ME. OCT. 8, 1926.

2-175 2-175

