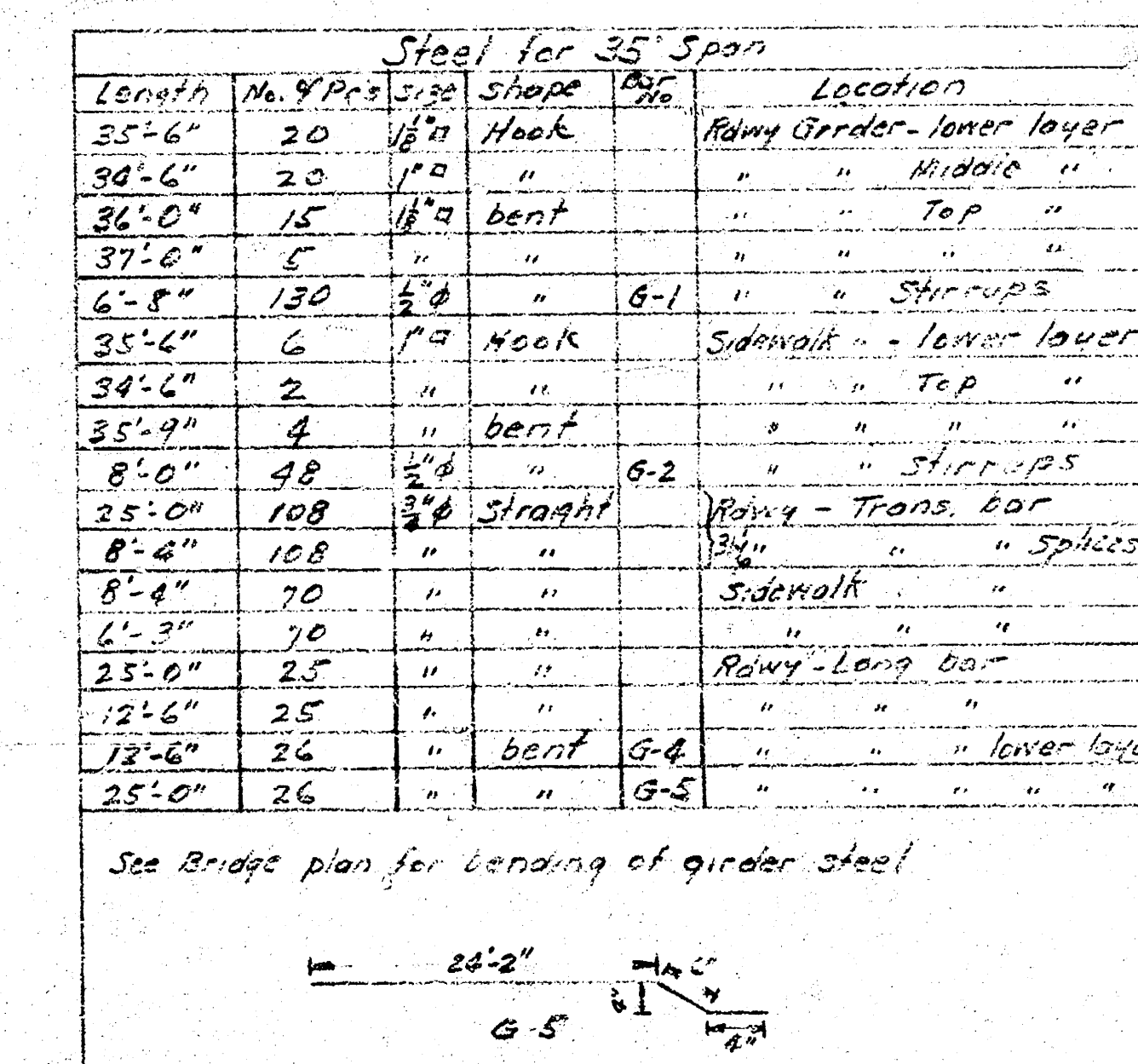
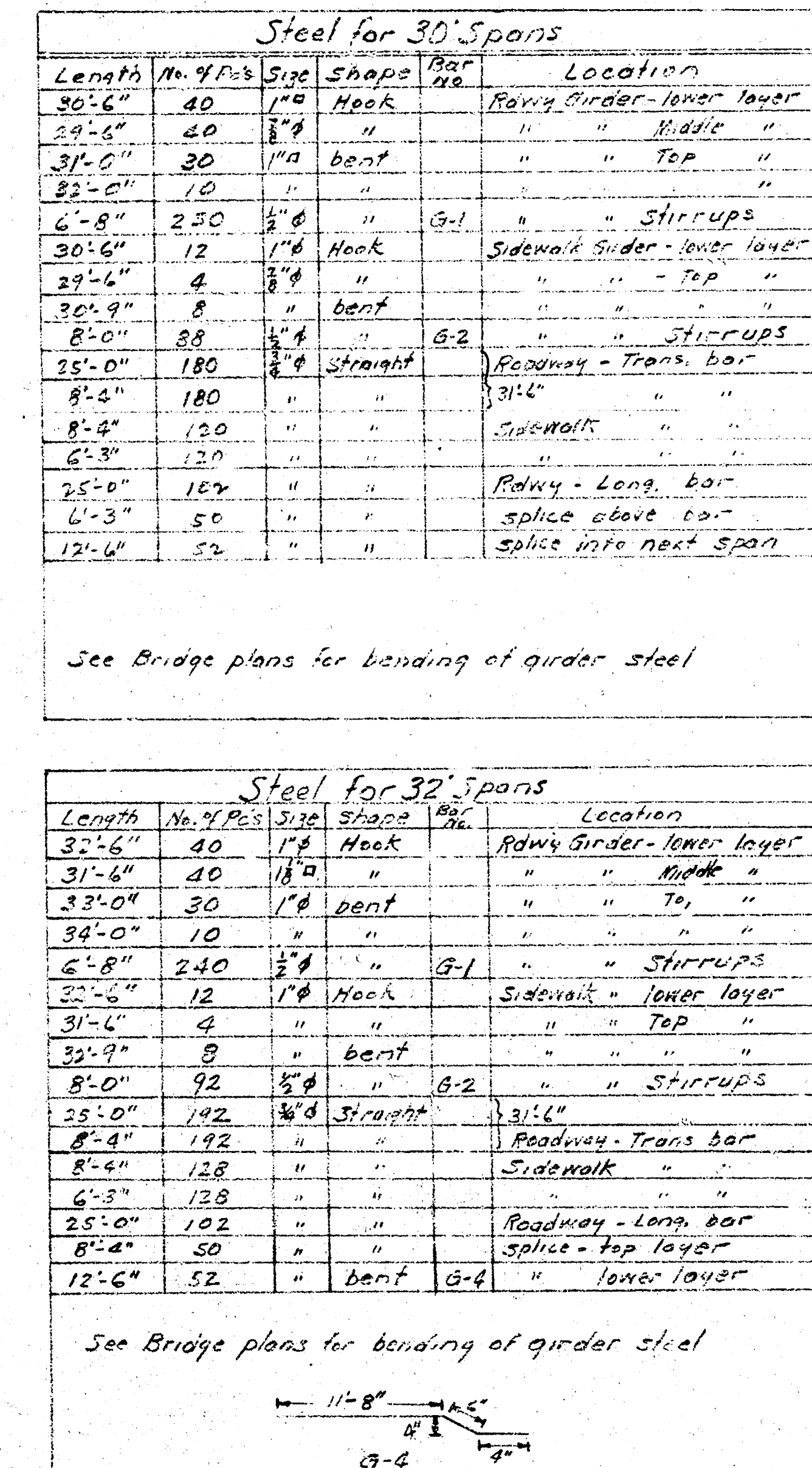
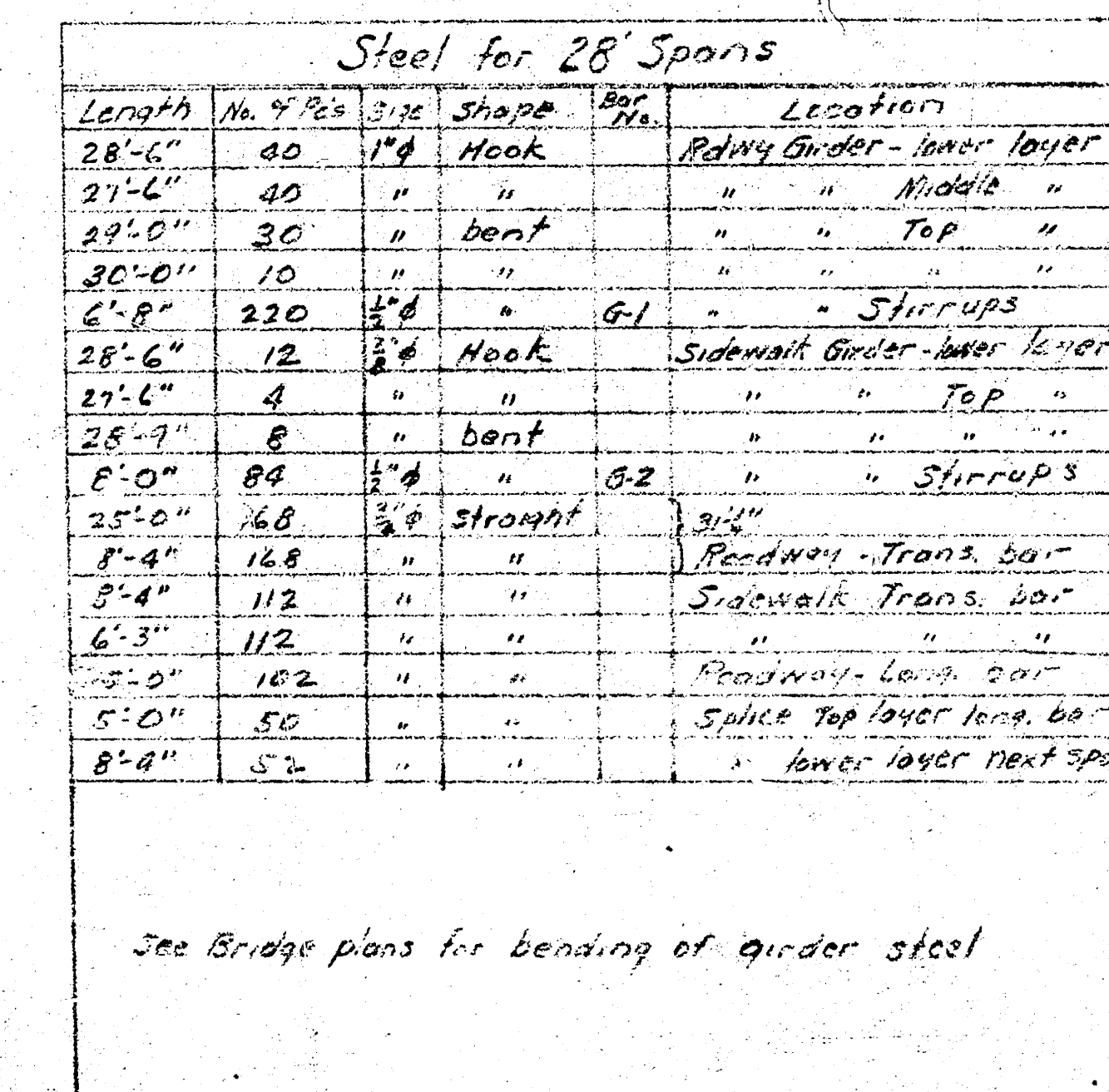
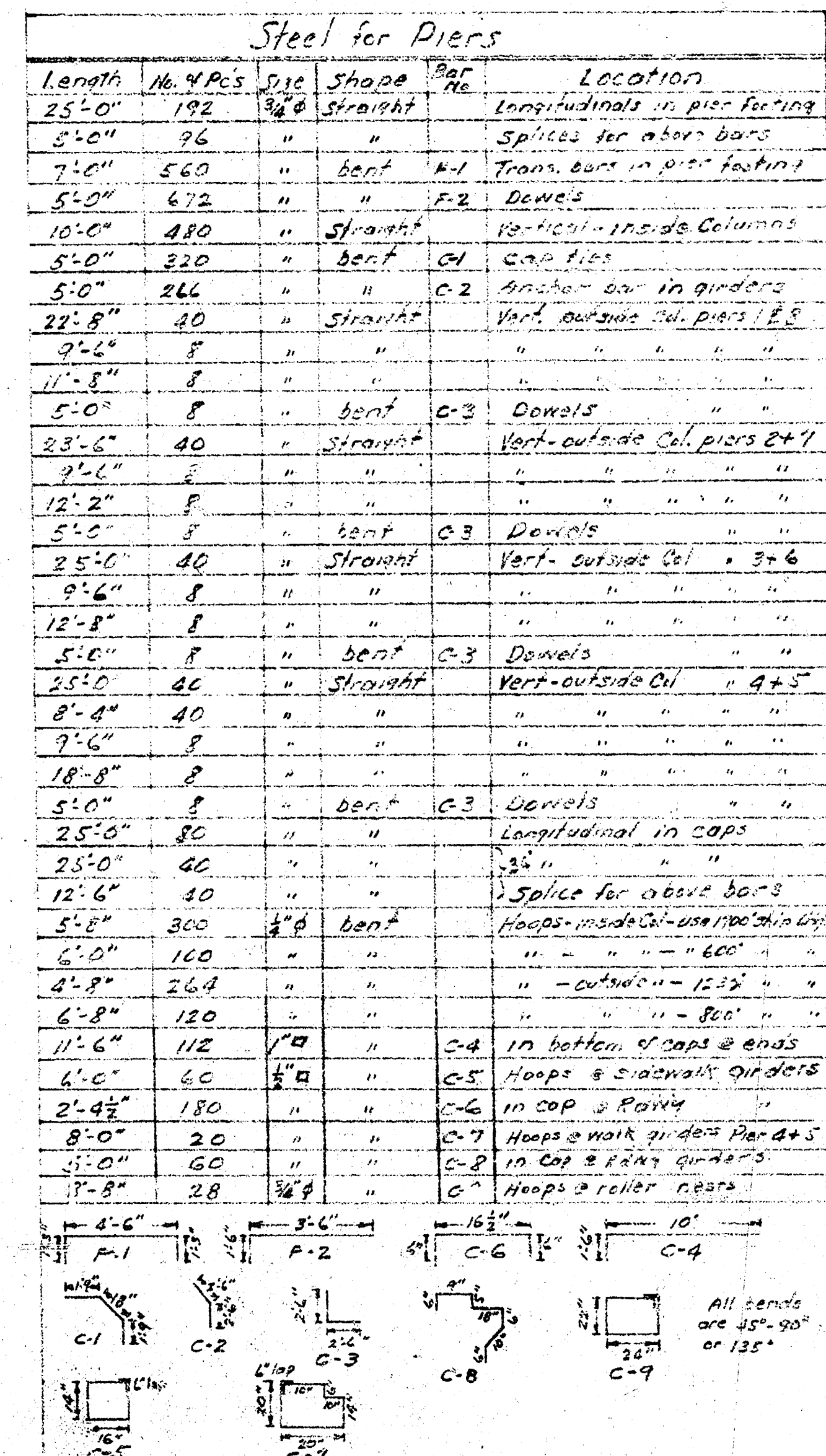
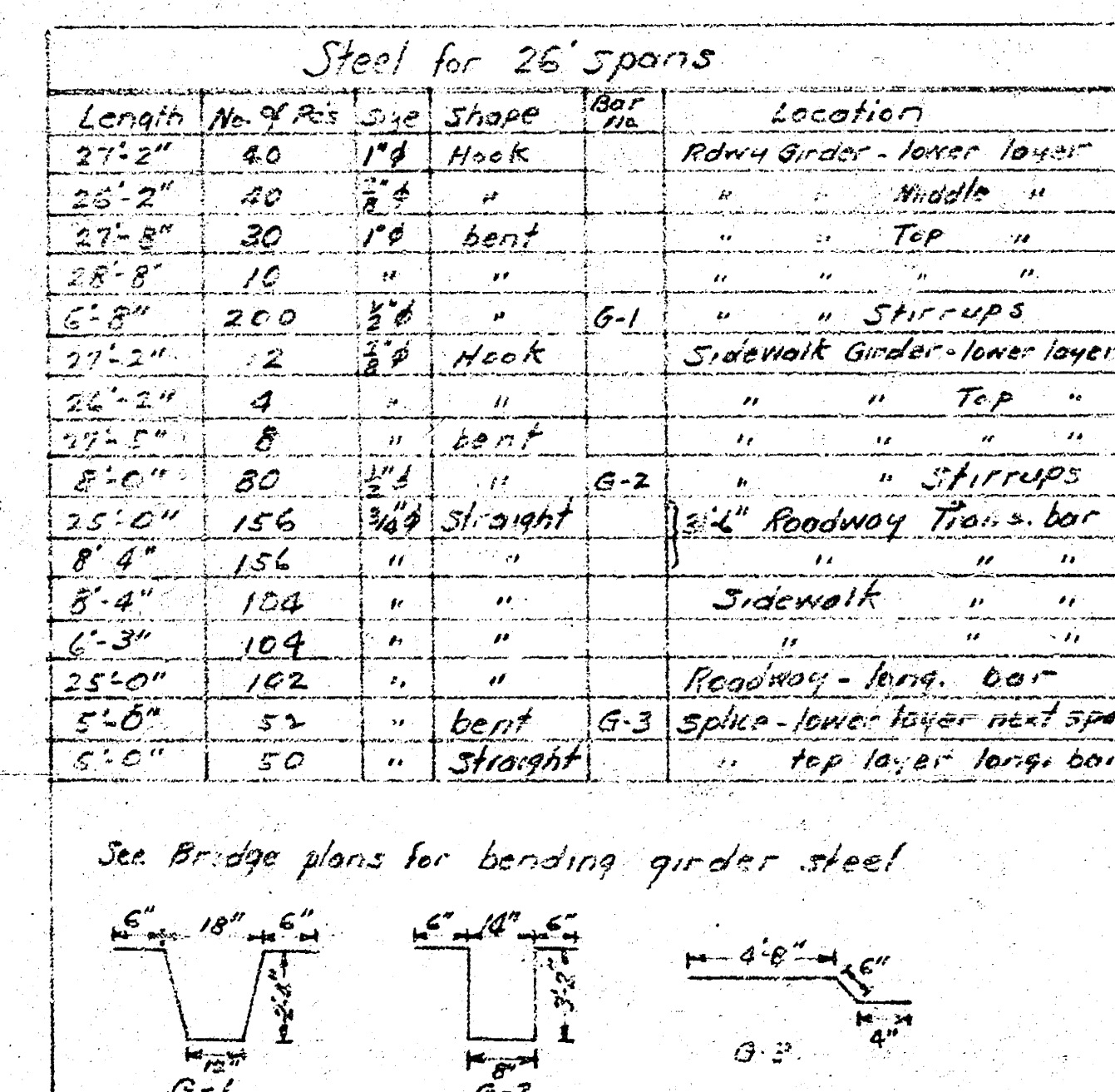
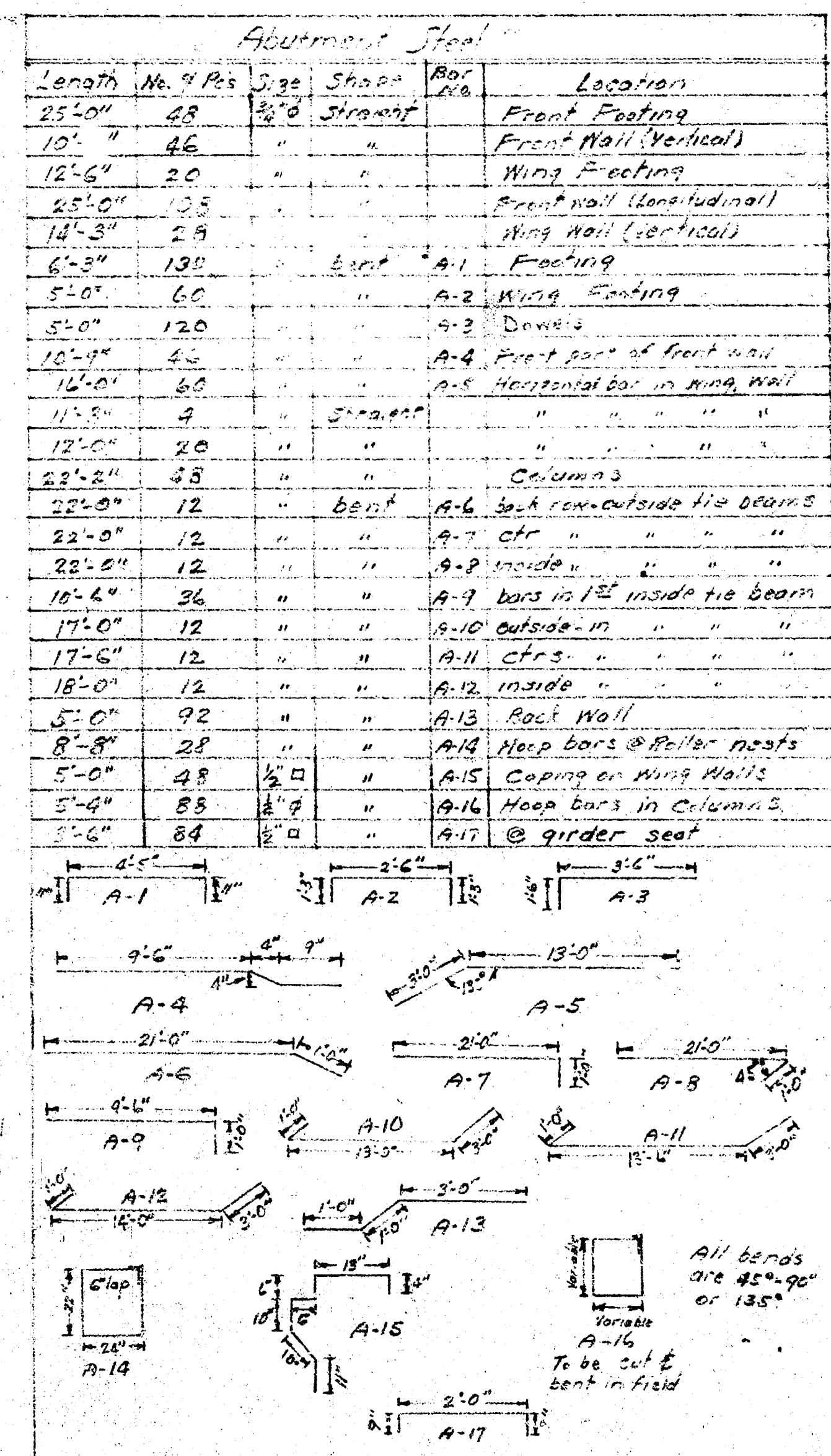




HANDRAIL

No. of Pcs	Length	Size	WT	Location
4	20'-6"	3/4"	32	Top rail 1st span
1	20'-6"	"	"	" " " " " "
4	28'-4"	"	"	" " " " " "
4	30'-3"	"	"	" " " " " "
2	38'-0"	"	"	" " " " " "
4	11'-3"	"	"	" " " " " "
144	3'-0"	"	"	Posts
4	24'-6"	1"	40	Cap on rail
4	24'-6"	"	"	" " " " " "
4	24'-6"	"	"	" " " " " "
2	30'-4"	"	"	" " " " " "
4	24'-6"	"	"	" " " " " "
4	24'-6"	"	"	" " " " " "
4	24'-6"	"	"	" " " " " "
68	4'-0"	"	"	Top bar angle
2	4'-0"	"	"	splice above cap
8	4'-0"	"	"	" " " " " "
4	16'-0"	"	"	" " " " " "
8	4'-0"	"	"	" " " " " "
48	4'-0"	"	"	Bottom bar
8	4'-0"	"	"	" " " " " "
8	4'-0"	"	"	" " " " " "
8	4'-0"	"	"	" " " " " "
8	4'-0"	"	"	" " " " " "
88	4'-0"	2"	47	Support
220	2'-0"	3/4"	14	rail bars (both sides)

EXPANSION JOINT

No. of Pcs	Length	Size	Location
4	7'-0"	4"x4"x4" L	Sidewalk
4	1'-3"	"	"
5L	4"x4"x4" L	"	Anchors to be welded
4	30'-0"	6"x4"x4" L	Roadway
4	30'-0"	6"x4"x4" L	"
1	30'-0"	6"x4"x4" L	" bent
55L	6"x6"x6" plate	"	Anchors between

20 Roller Nests for 15' Girders
8 " " " " " "

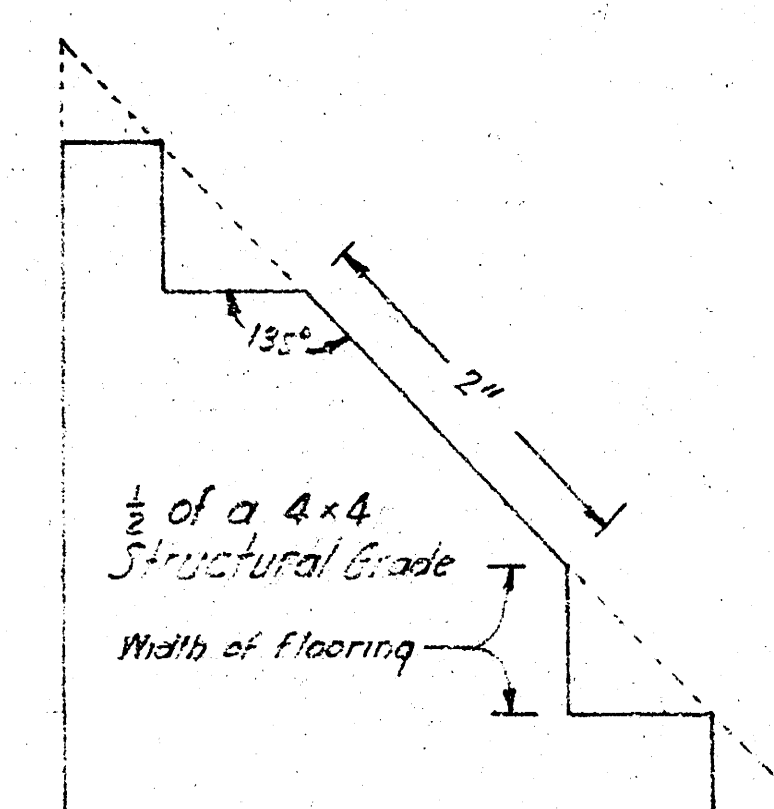
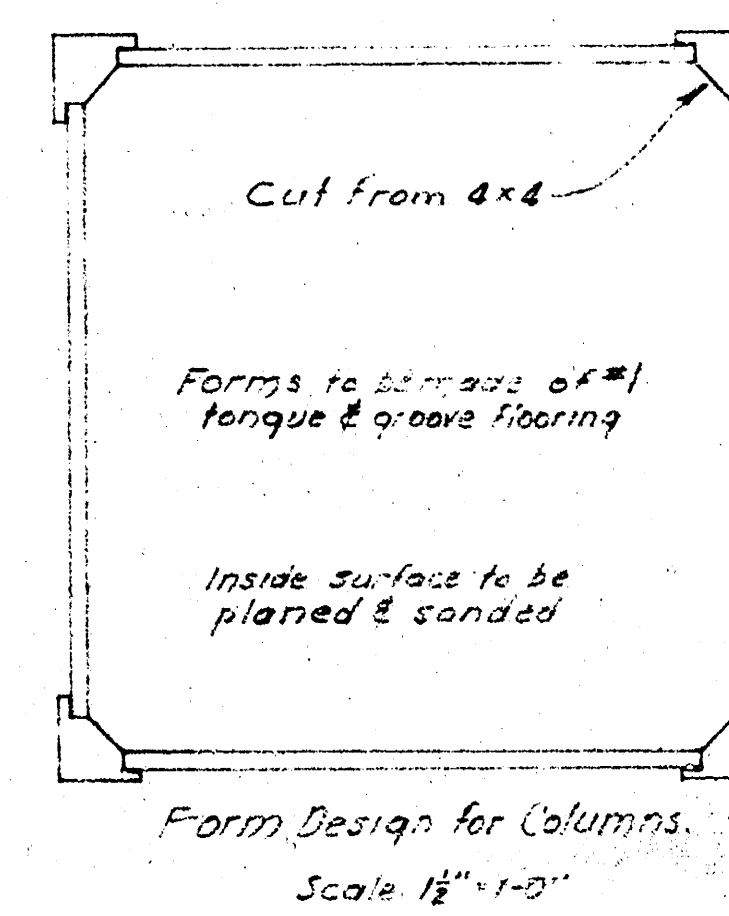
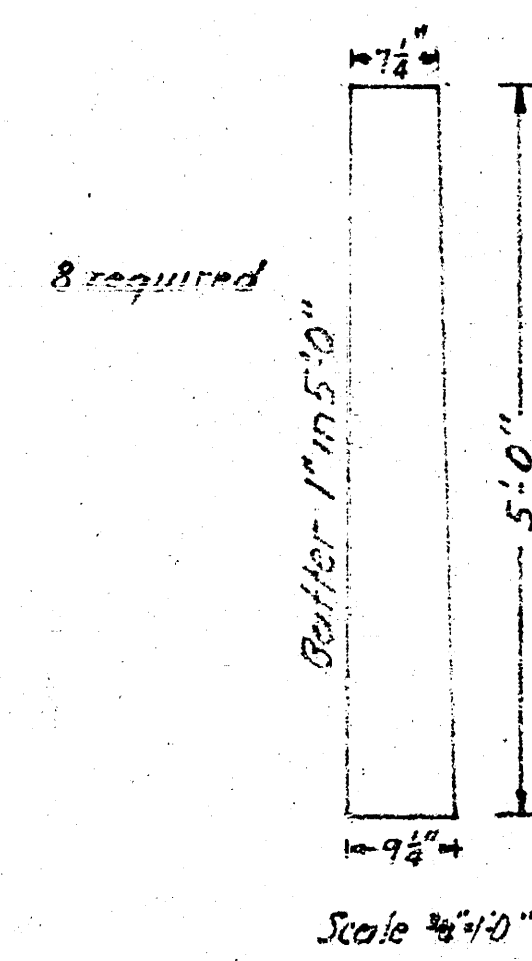
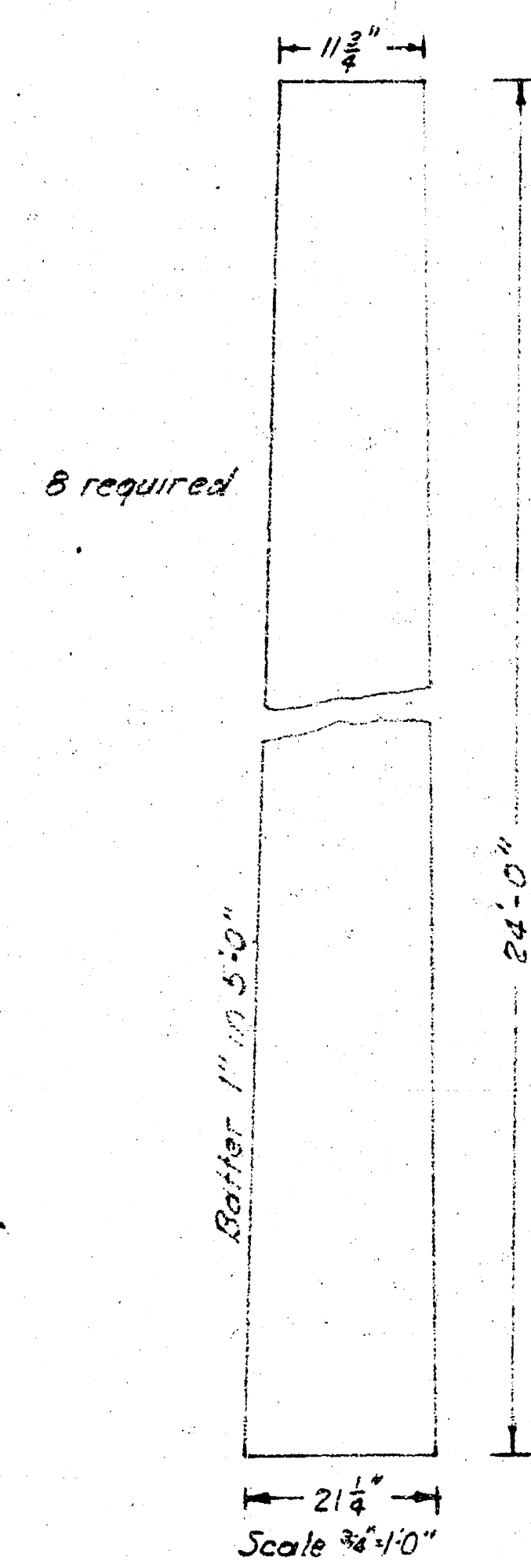
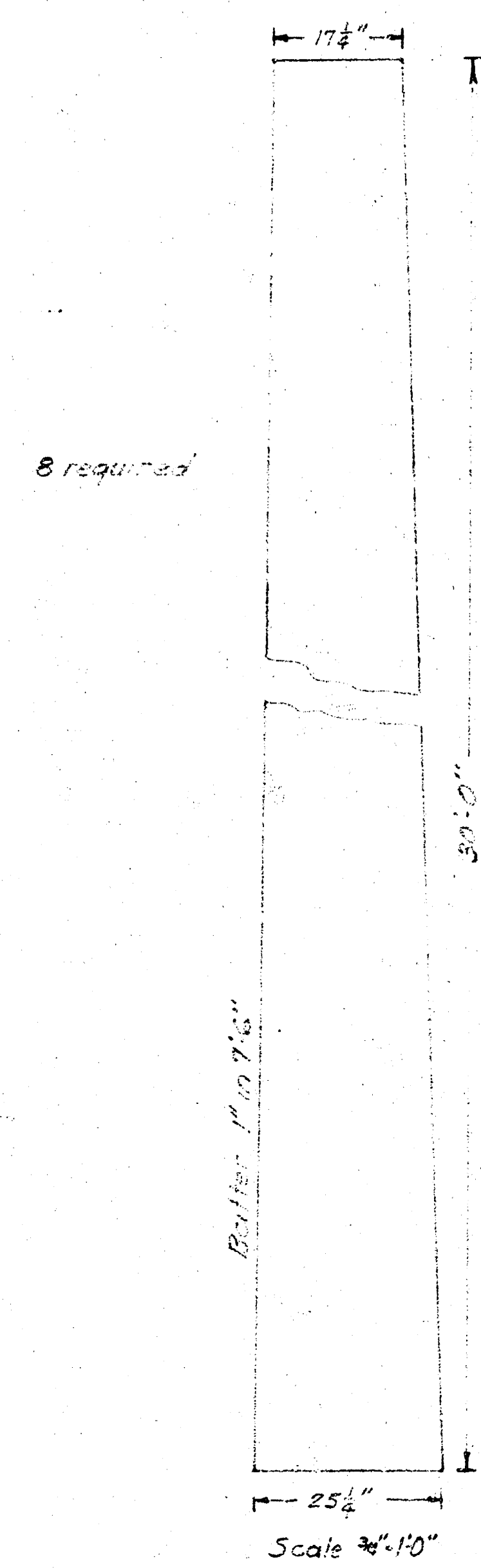
Build on steel cut to length 3/4" steel
not to be cut but stock length. Do
not build on 3/4" steel.
Expansion joint steel & roller
nests to be fabricated.
Holes to be drilled in channels & angles.

Reinforcing Steel for CHANDLER BRIDGE
Over the Little Arkansas River at 11th St.
Wichita Kansas

Engineering Department
City of Wichita, Kansas
City Engineer
September 1934

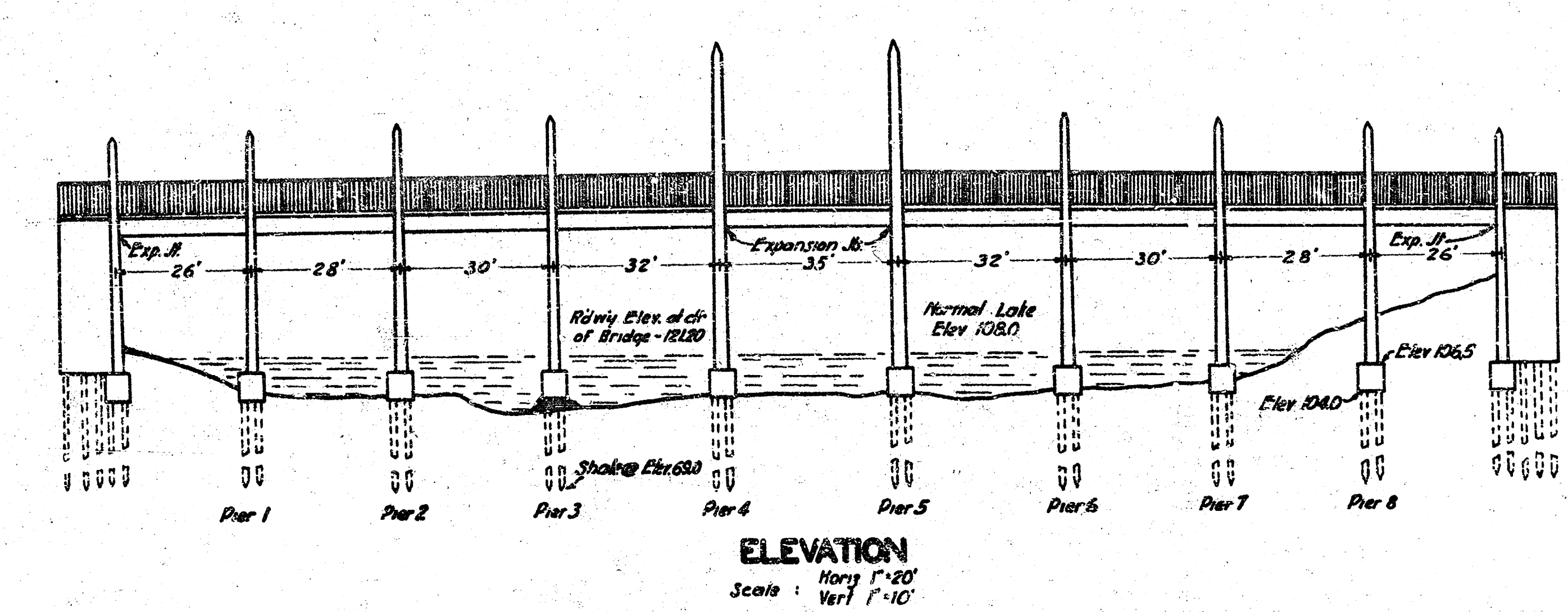
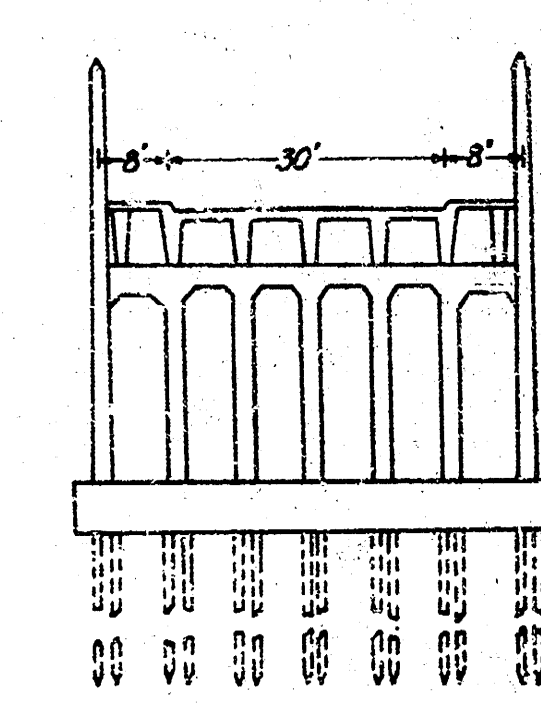
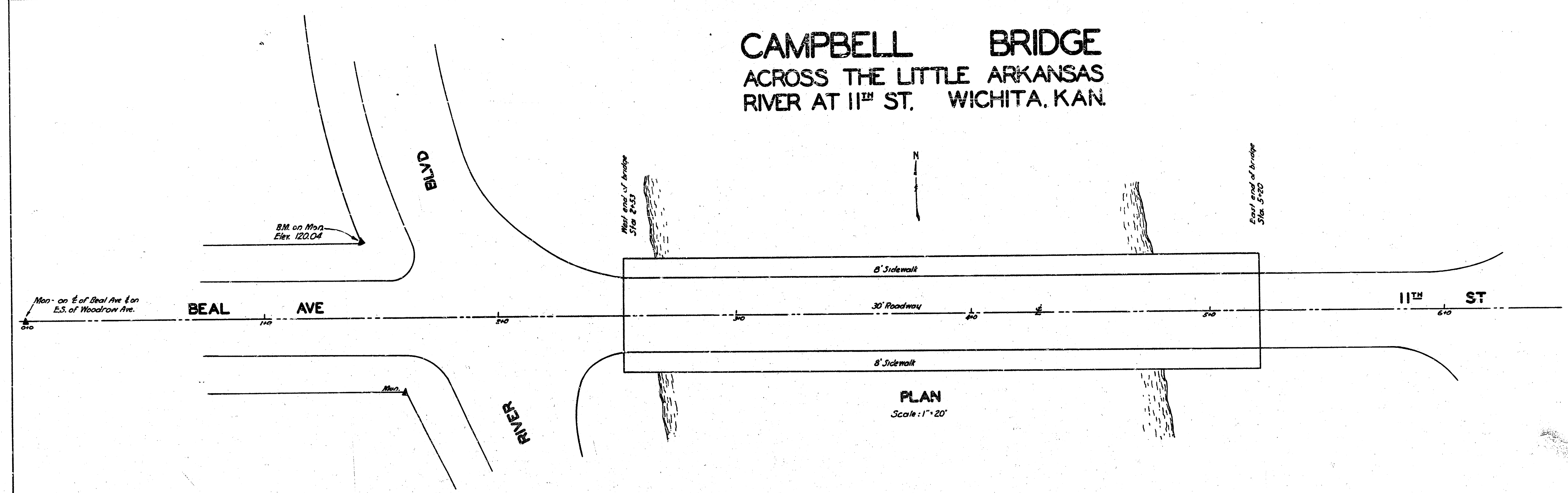
11th St.
Little Ark. R.
Bridge 7

FORM DESIGN FOR OUTSIDE COLUMNS
 CAMPBELL BRIDGE
 WICHITA, KANSAS.



Engineering Department
 City of Wichita, Kansas.
 P.L. Broadway City Engineer.

CAMPBELL BRIDGE ACROSS THE LITTLE ARKANSAS RIVER AT 11TH ST. WICHITA, KAN.

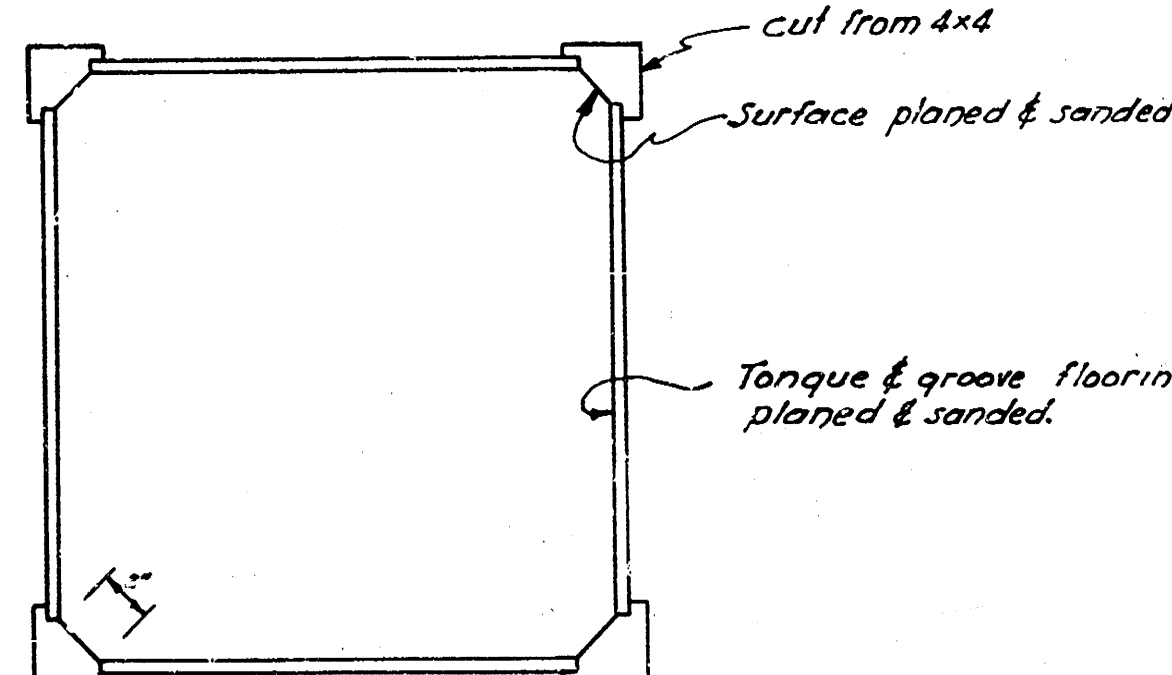
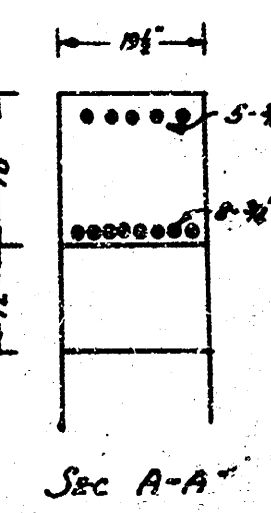
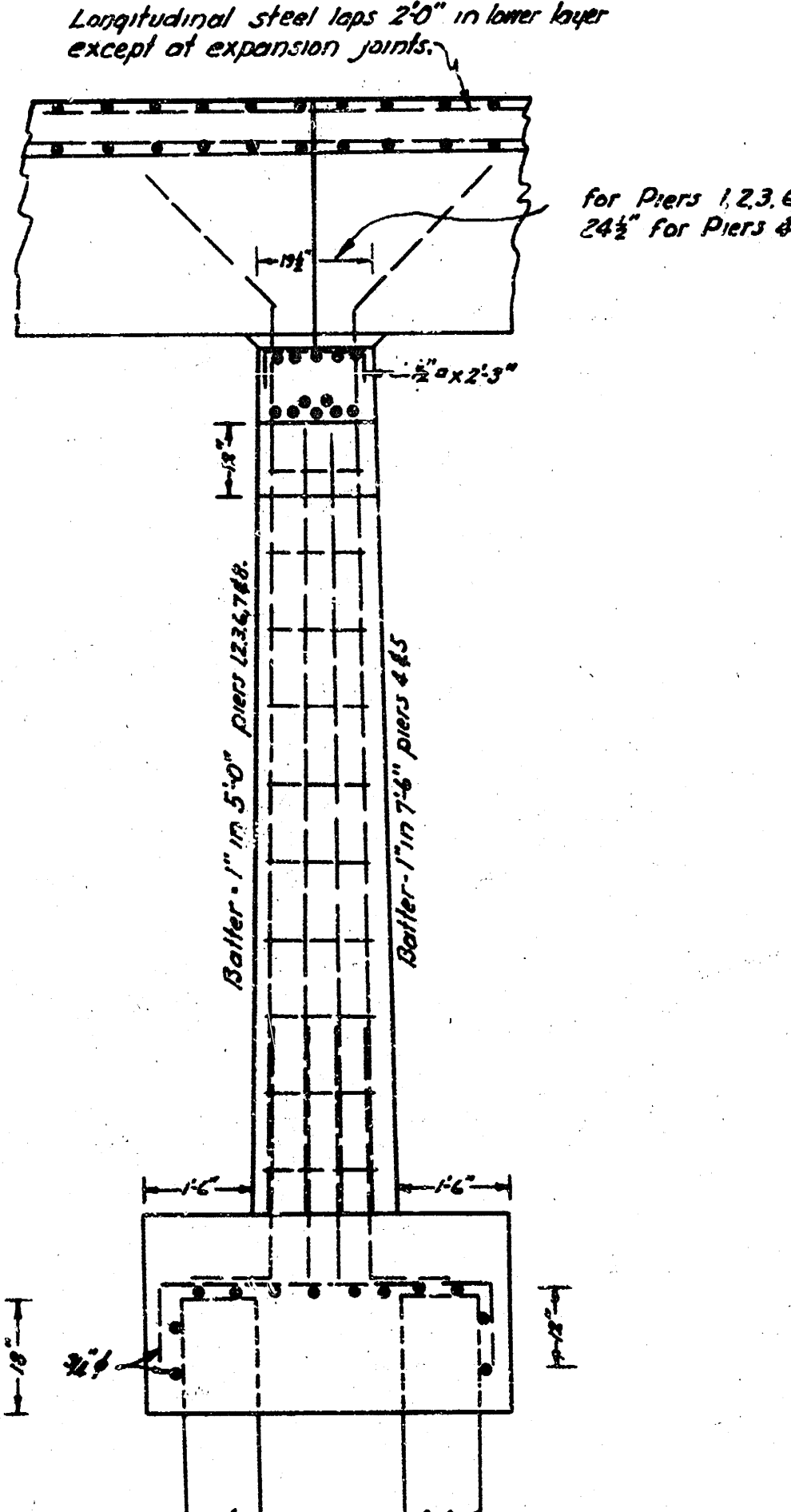
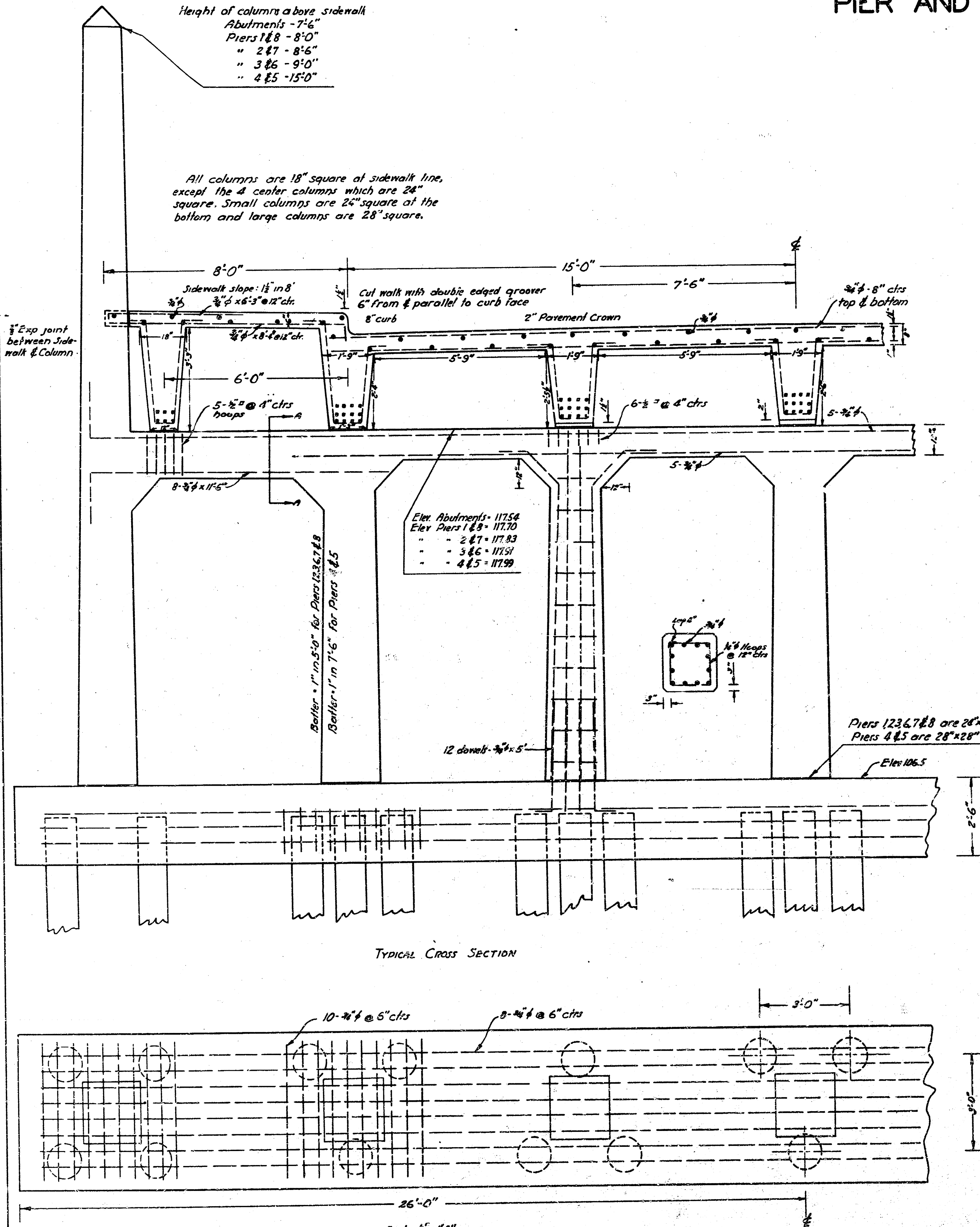


REINFORCED CONCRETE DECK GIRDER

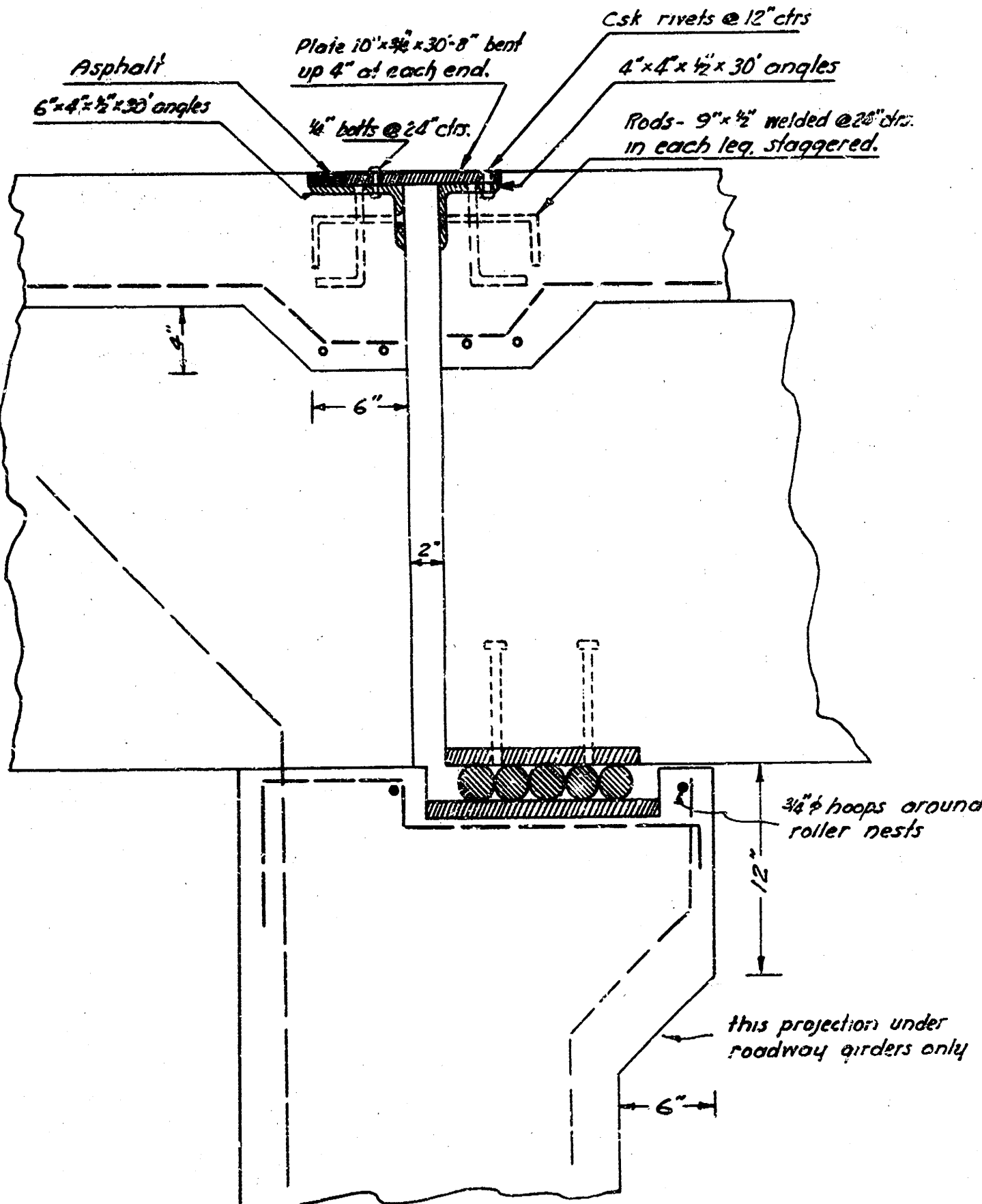
ENGINEERING DEPARTMENT
CITY OF WICHITA, KANSAS
PL. BRIDGEMAN CITY ENGINEER
AUGUST 1934
SHEET 1 7 SHEETS

D.P.R.

PIER AND DECK DETAILS



FORM DESIGN FOR OUTSIDE COLUMN
Scale $1\frac{1}{2}" = 1'-0"$

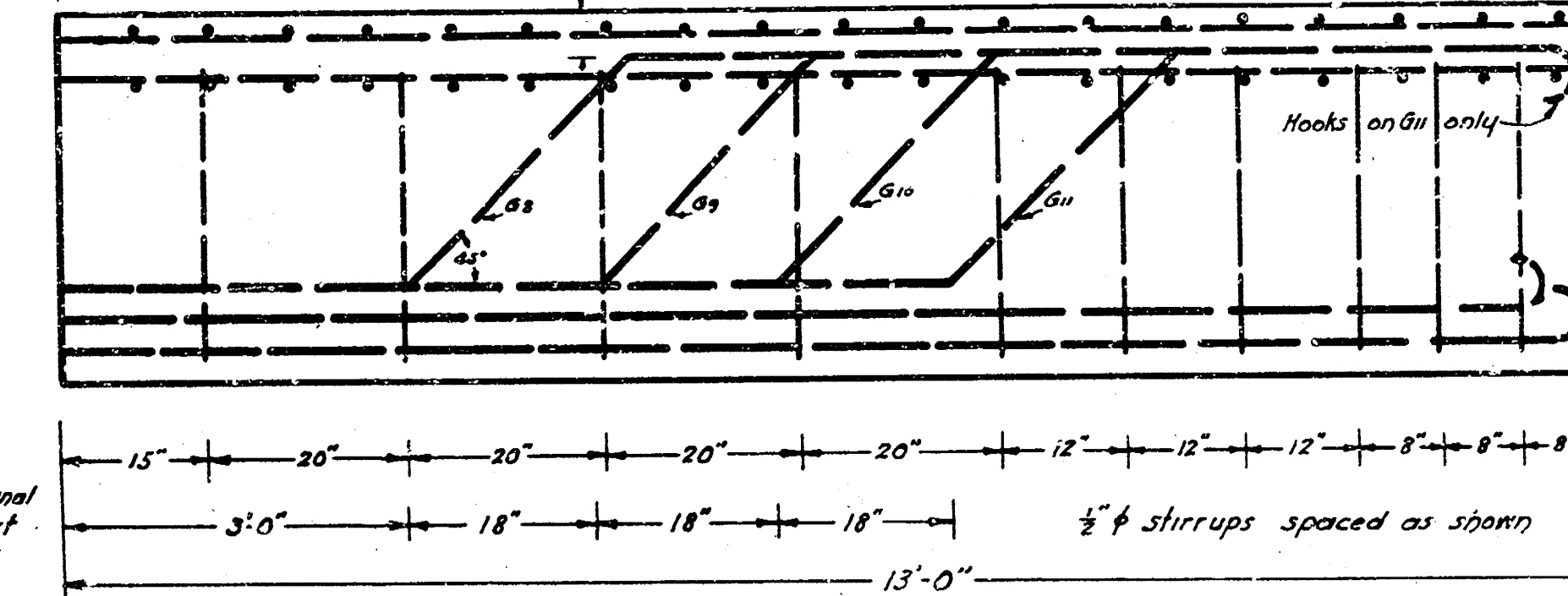
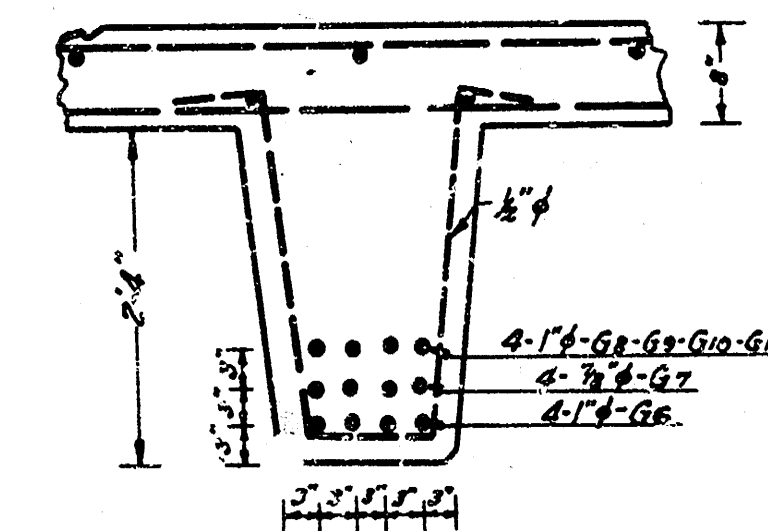
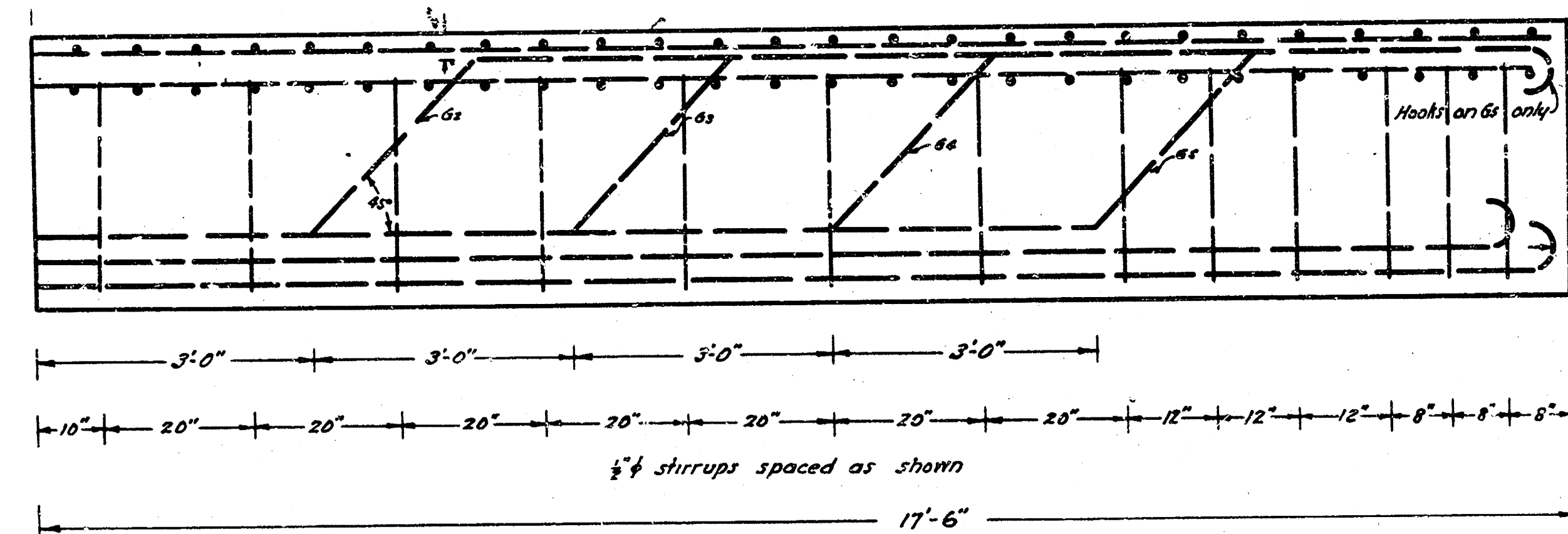
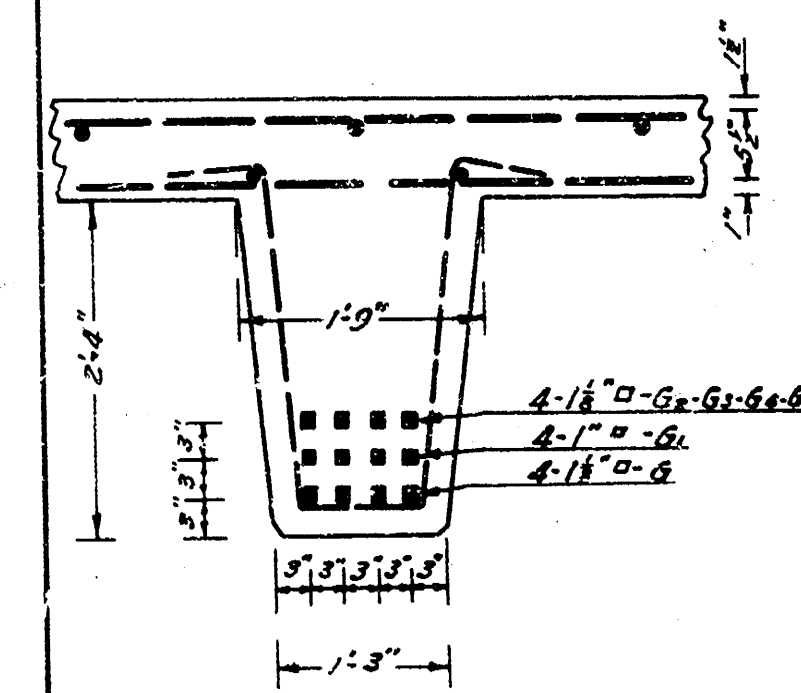


DETAIL OF EXPANSION JOIN
Scale $1\frac{1}{2}'' = 1'-0''$

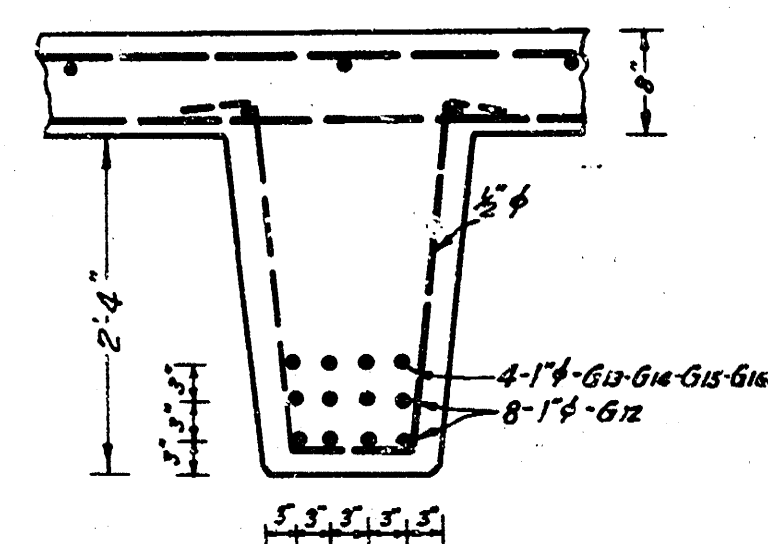
CAMPBELL BRIDGE
Engineering Department
City of Wichita, Kansas
P.L. Brockway City Engineer
Sheet 2 7 Sheets

STEEL DETAIL OF ROADWAY GIRDERS

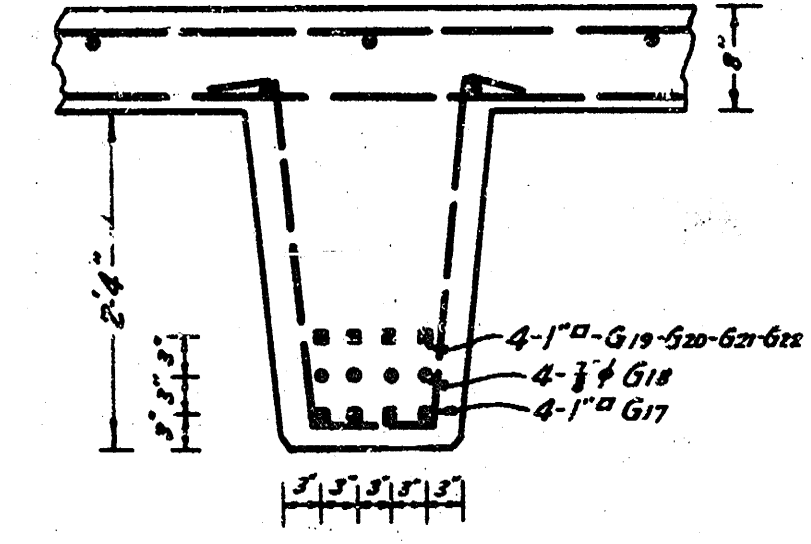
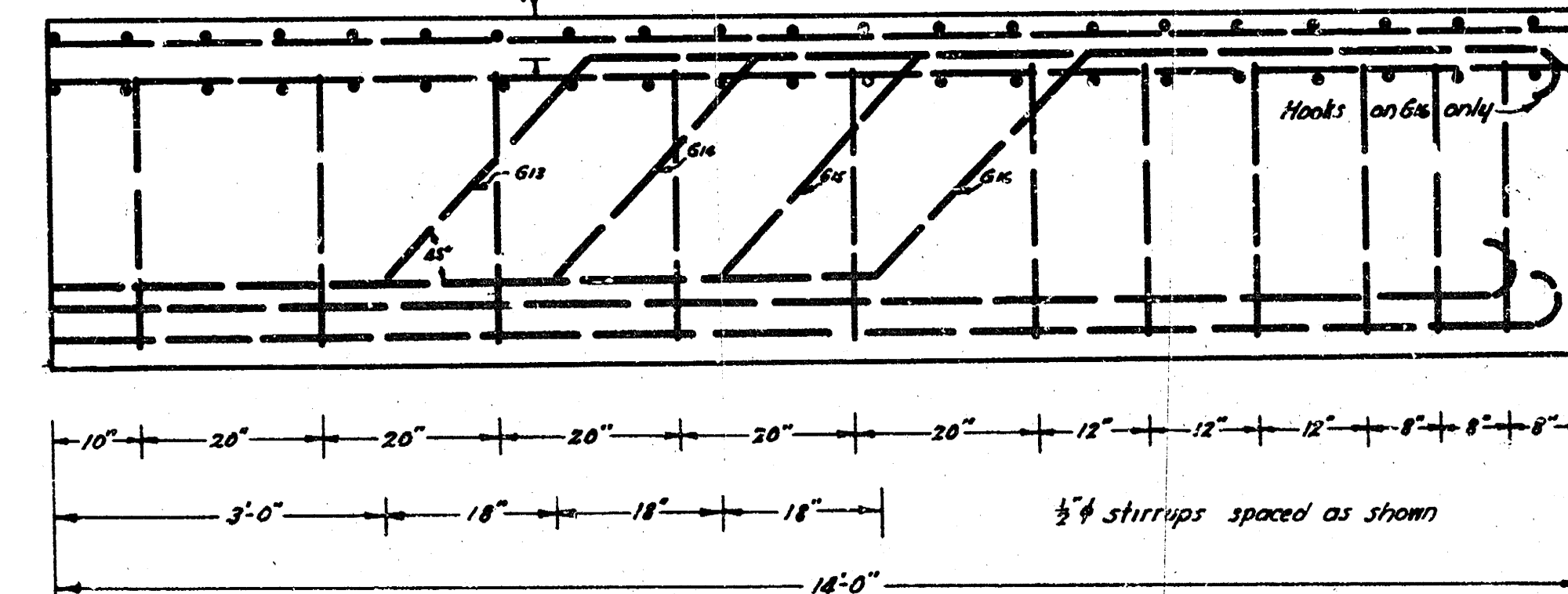
SCALE 1/4"=1'-0"



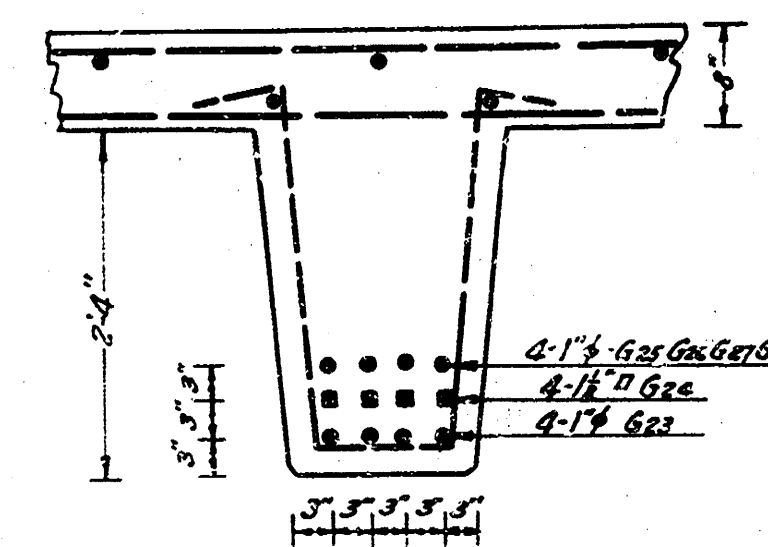
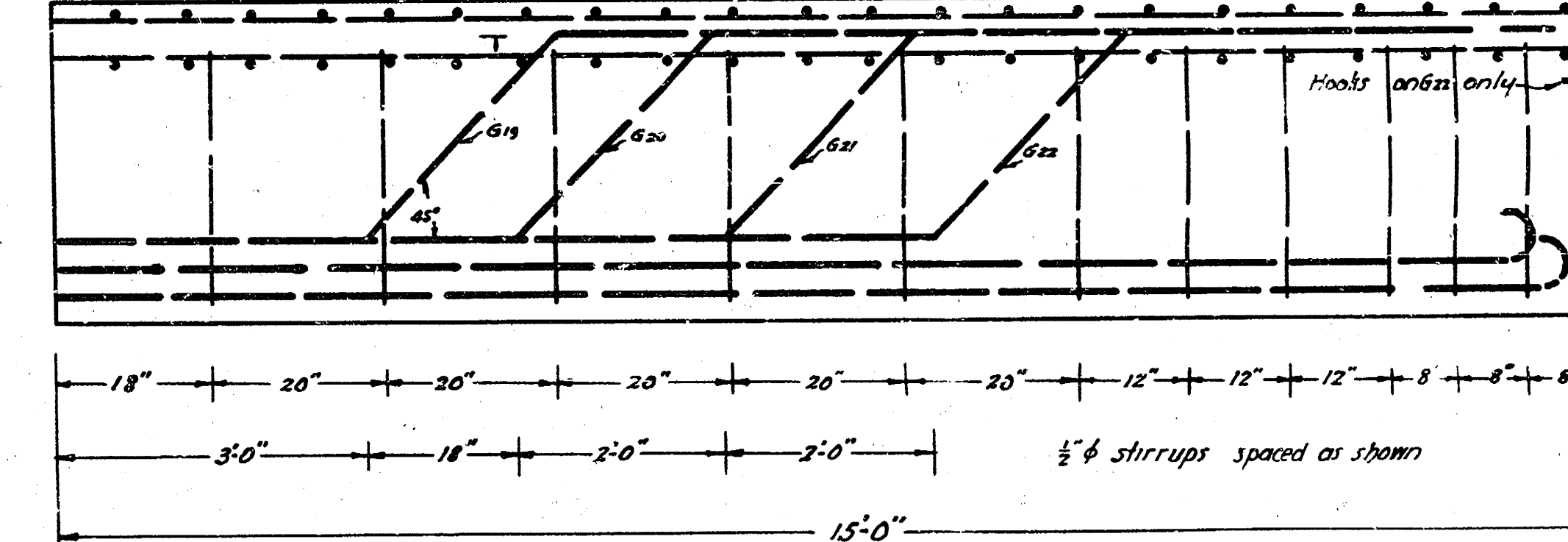
Add 8" at abutment end on all longitudinal steel.
Add one stirrup.



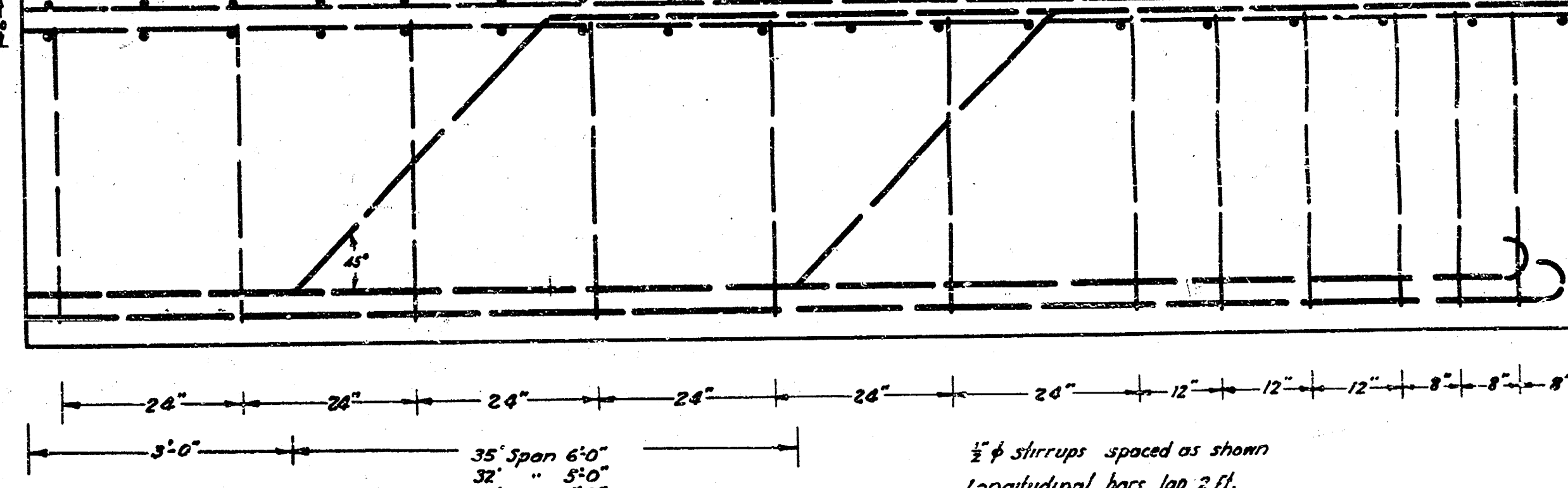
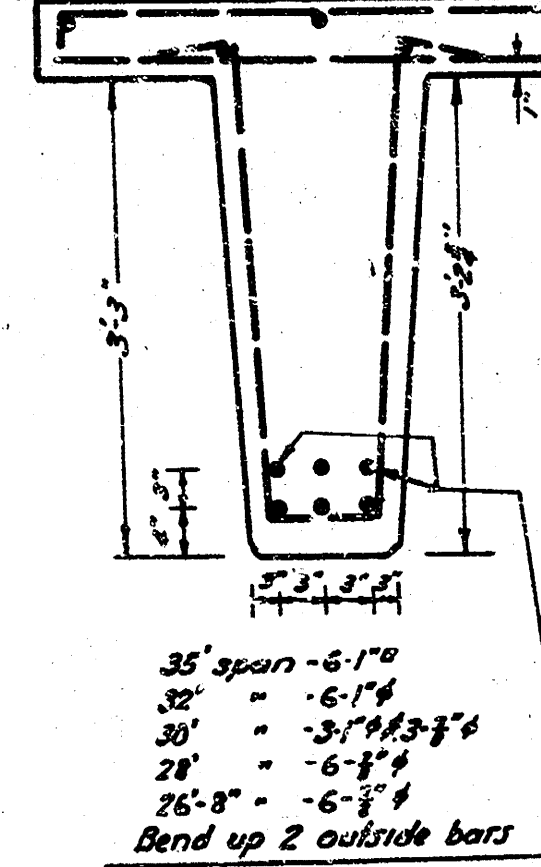
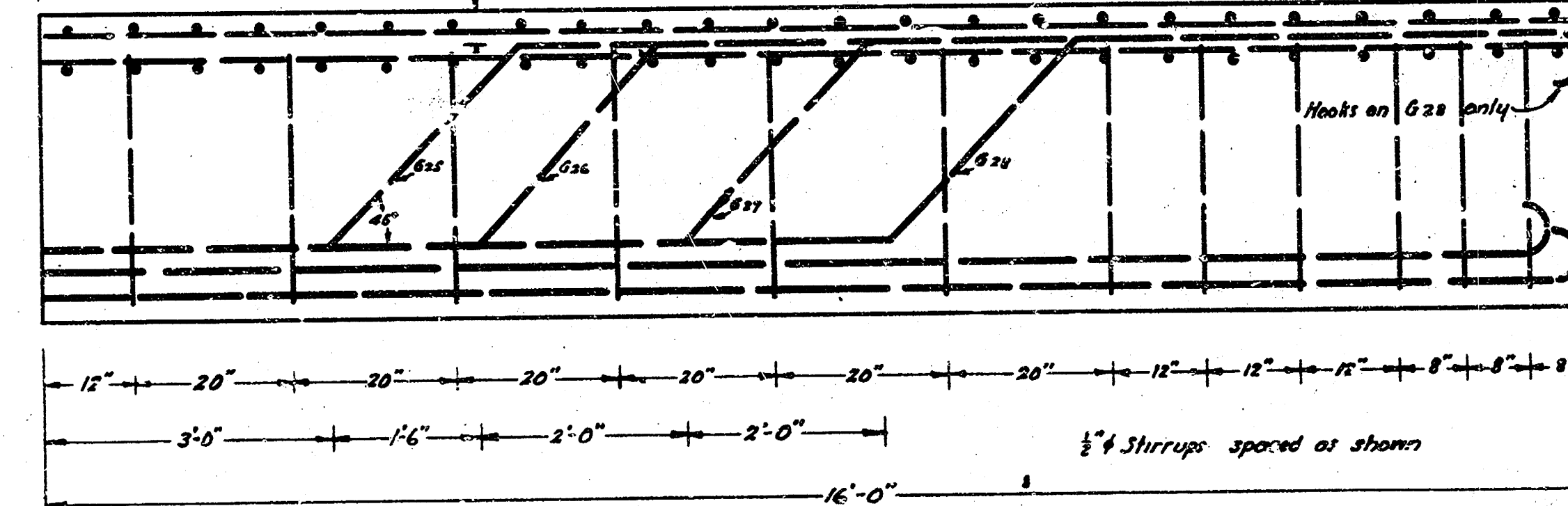
Longitudinal bars in floor
lap next span bars 2 ft.



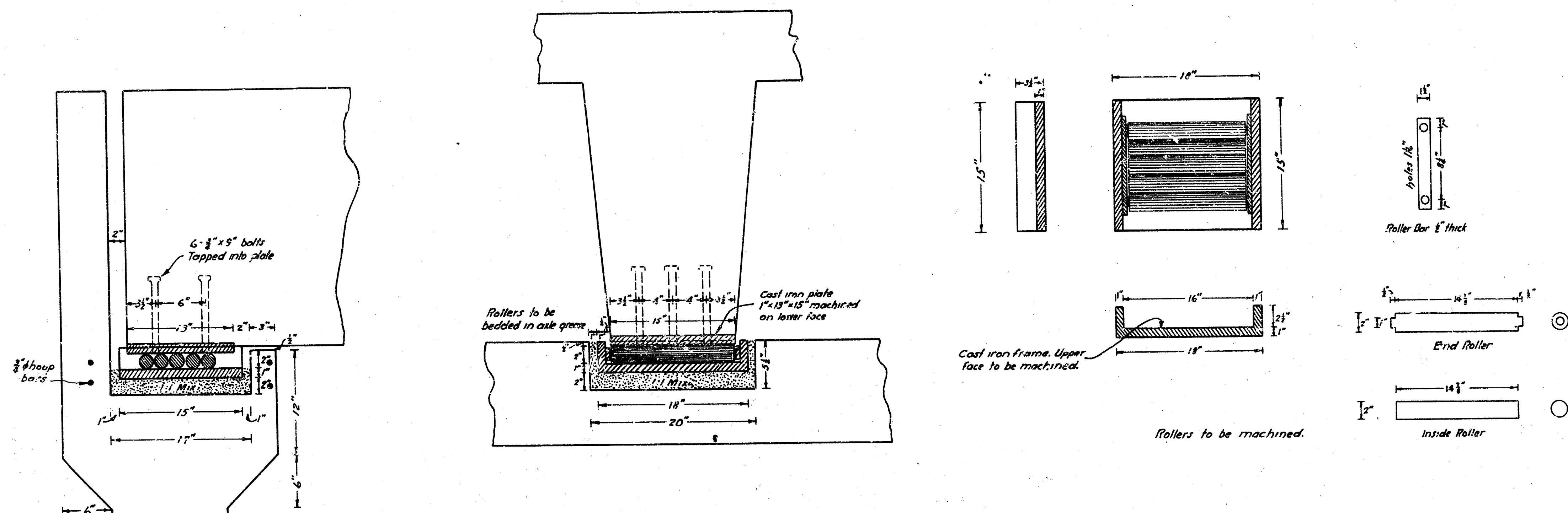
Longitudinal bars in floor
lap next span bars 2 ft.



Longitudinal bars in floor
lap next span bars 2 ft.



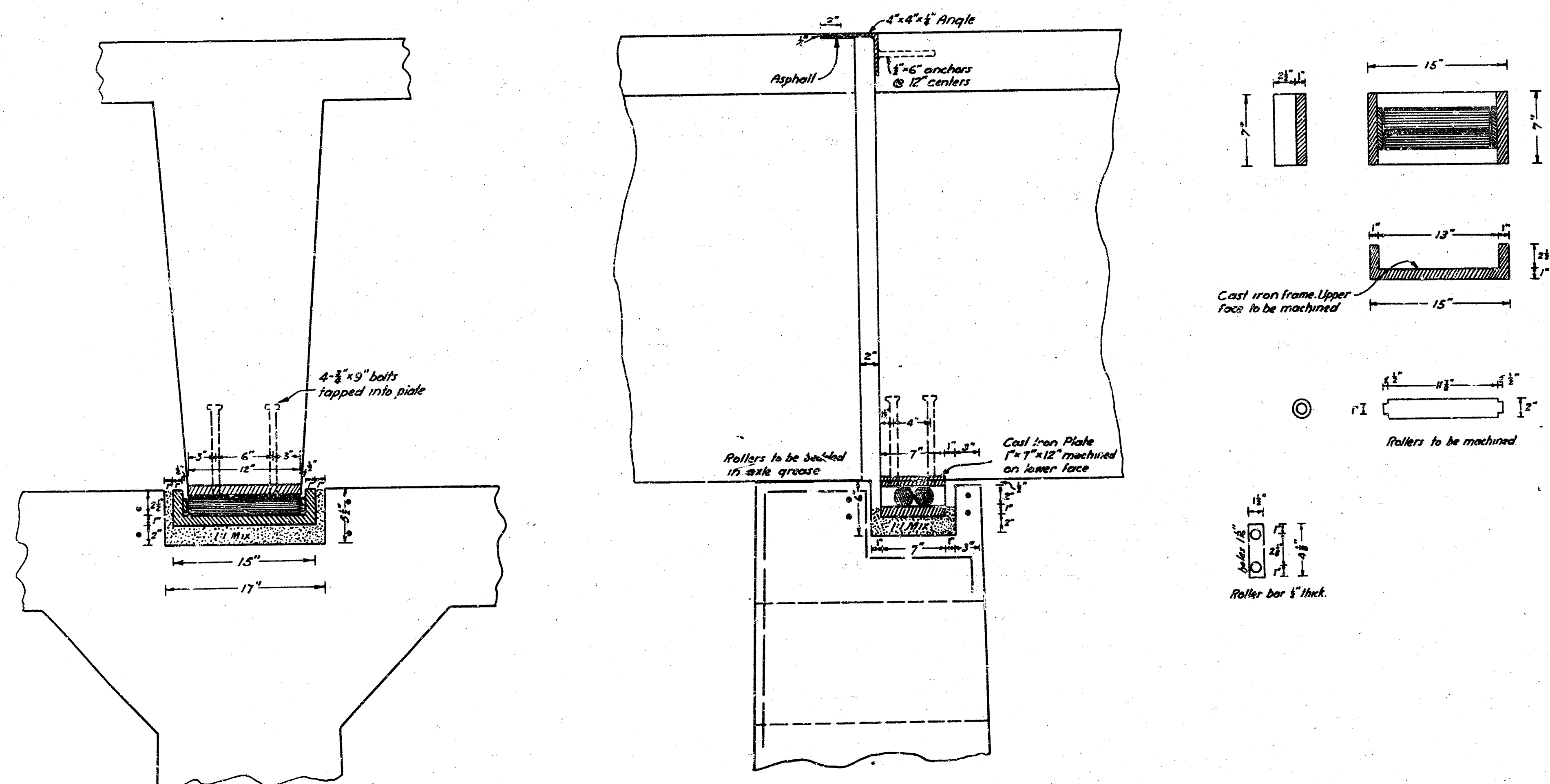
STEEL DETAIL OF SIDEWALK GIRDER



DETAIL OF ROLLER NESTS FOR 15" GIRDERS
Scale 1/8" = 1'-0"

ROLLER NESTS FOR 15" GIRDERS
Number Required
20 plates 1" x 15" x 15"
20 frames 15" x 18"
40 end rollers
40 inside rollers
40 roller bars
120 bolts 1/2" x 5"

ROLLER NESTS FOR 12" GIRDERS
Number Required
8 plates 1" x 12" x 12"
8 frames 12" x 15"
16 end rollers
16 inside rollers
32 bolts 1/2" x 5"



DETAIL OF ROLLER NESTS FOR 12" GIRDERS
Scale 1/8" = 1'-0"

