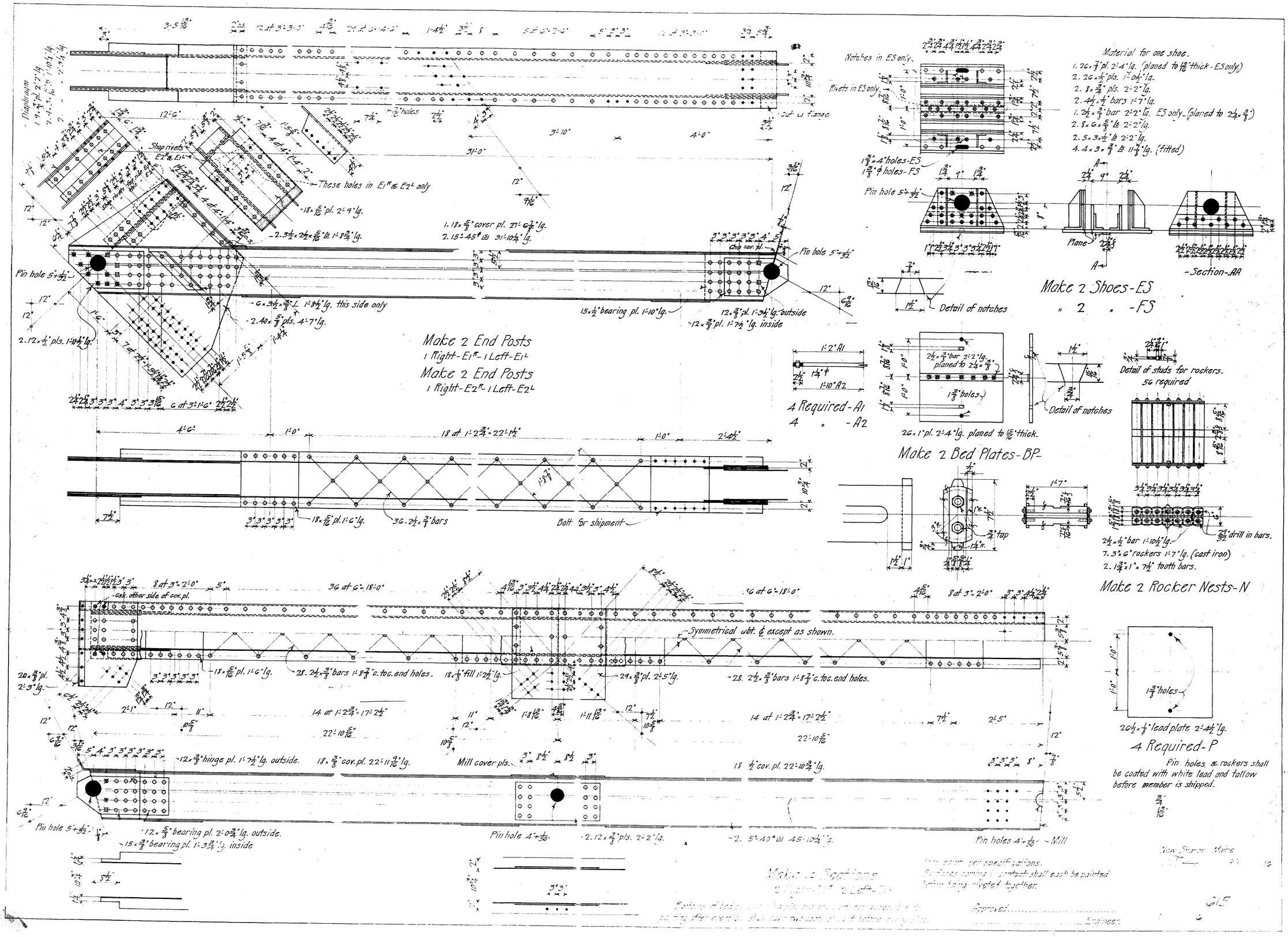
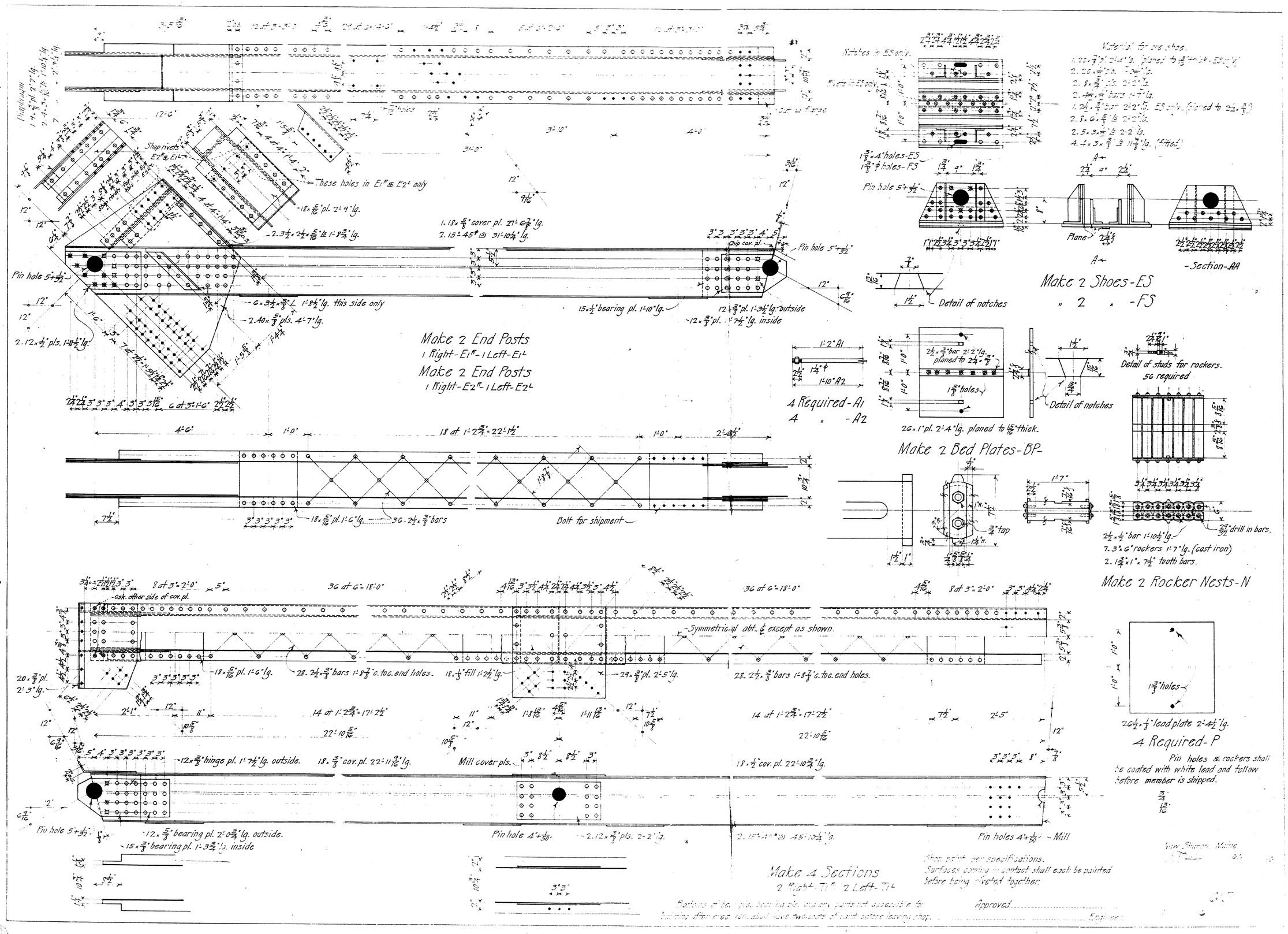
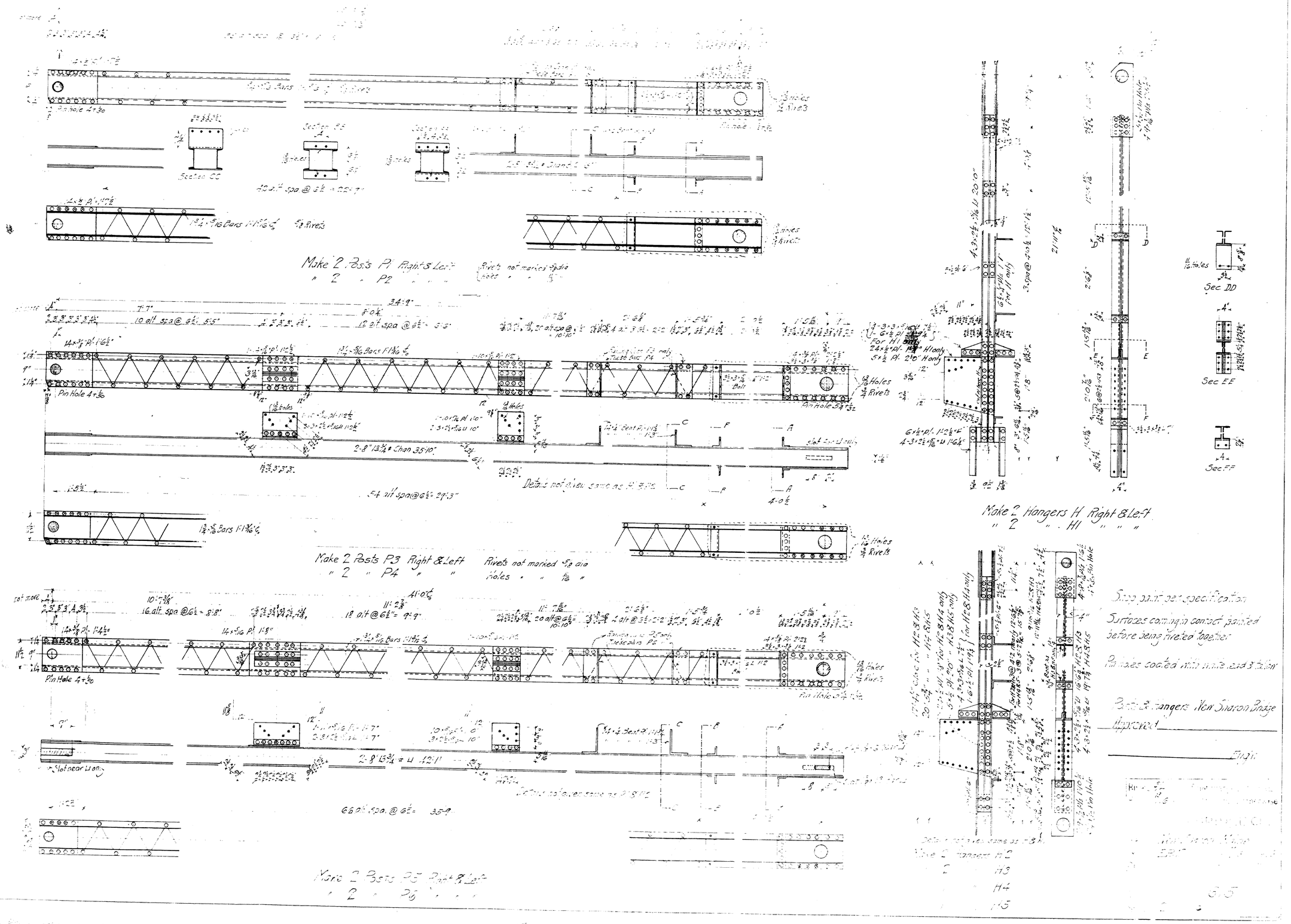
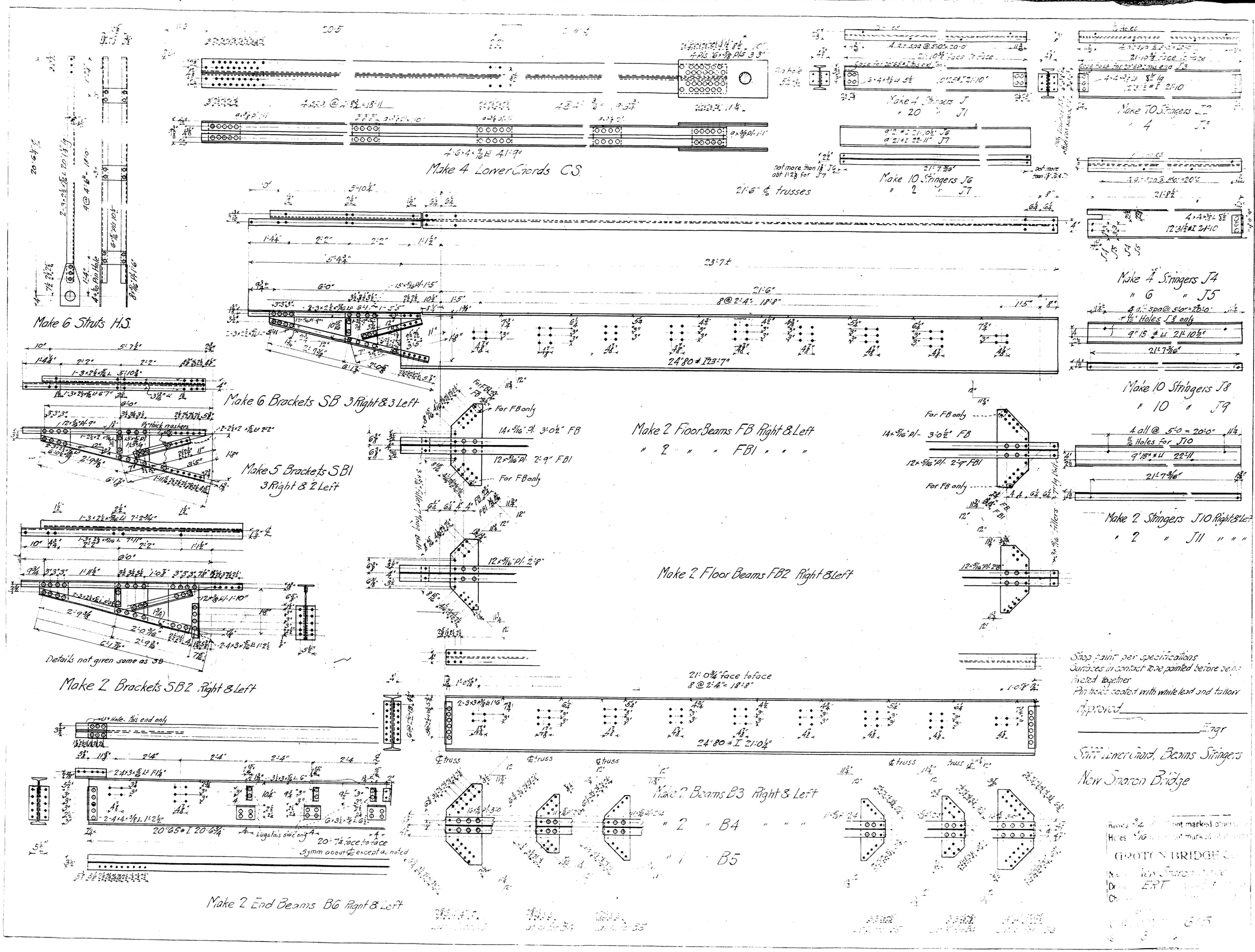
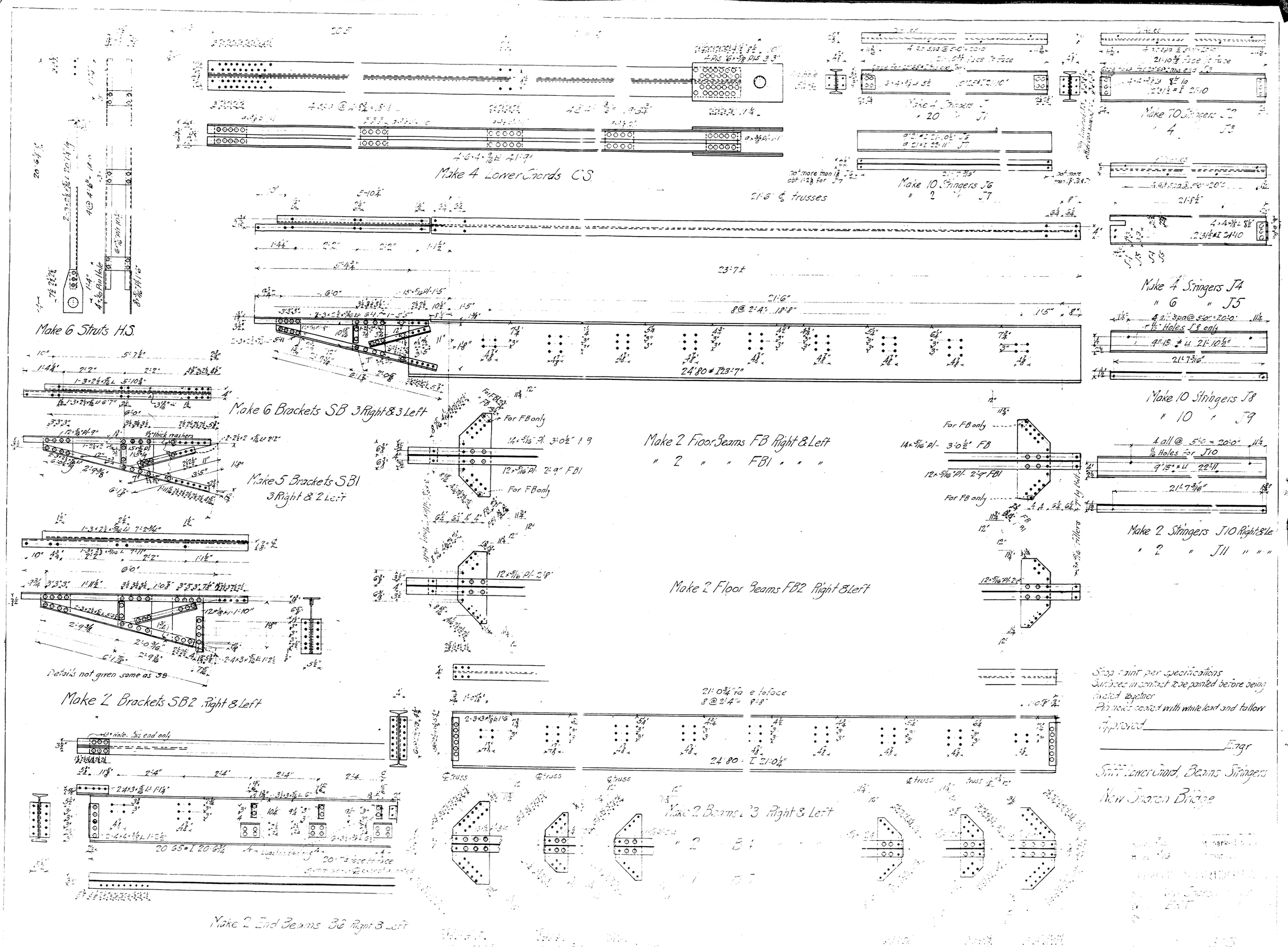

Make 2 End Posts
1 Right-E1R - 1 Left-E1L
Make 2 End Posts
1 Right-E2R - 1 Left-E2L
Make 2 Shoes-ES
" 2 " -FS
Material for one shoe.
1. 2G × 7/8" pl. 2'-4" lg. (planed to 15/16" thick - ES only)
2. 2G × 1/2" pls. 1'-0 1/2" lg.
2. 8 × 3/4" pls. 2'-2" lg.
2. 4 1/2 × 1/2" bars 1'-7" lg.
1. 2 1/2 × 3/8" bar 2'-2" lg. ES only - (planed to 2 1/4 × 3/8")
2. 8 × 6 × 5/8" ∠s 2'-2" lg.
2. 5 × 3 × 1/2" ∠s 2'-2" lg.
4. 4 × 3 × 3/8" ∠s 11 7/8" lg. (fitted)
4 Required-A1
4 " -A2
Make 2 Bed Plates-BP-
Make 2 Rocker Nests-N
4 Required-P
Pin holes & rockers shall be coated with white lead and tallow before member is shipped.
Make 2 Sections
Approved
Engineer
615

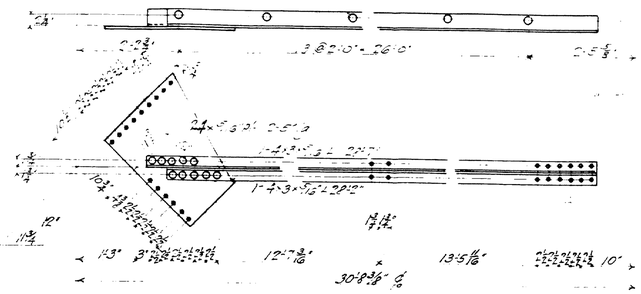


Make 2 End Posts
1 Right-E1R-1 Left-E1L
Make 2 End Posts
1 Right-E2R-1 Left-E2L
Make 2 Shoes-ES
" 2 " -FS
Make 2 Bed Plates-BP-
Make 2 Rocker Nests-N
Make 4 Sections
2 Right-T1R 2 Left-T1L
4 Required-A1
4 " -A2
4 Required-P
Pin holes & rockers shall be coated with white lead and tallow before member is shipped.
Shop paint per specifications.
Surfaces coming in contact shall each be painted before being riveted together.
Approved
Engineer

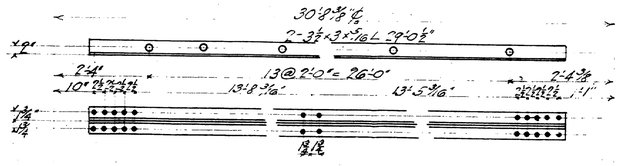

Make 2 Posts P1 Right & Left
" 2 " P2 " " "
Rivets not marked 5/8 dia
Holes " " 11/16 "
Make 2 Posts P3 Right & Left
" 2 " P4 " "
Rivets not marked 5/8 dia
Holes " " 11/16 "
Make 2 Posts P5 Right & Left
" 2 " P6 " " "
Make 2 Hangers H Right & Left
" 2 " H1 " " "
Sec DD
Sec EE
Sec FF
Shop paint per specification
Surfaces coming in contact painted before being riveted together
Pin holes coated with white lead & tallow
Posts & Hangers New Sharon Bridge
Approved
Engr.


Make 4 Lower Chords CS
21'-6" ℄ trusses
Make 6 Struts H.S.
Make 4 Stringers J
" 20 " J1
Make 10 Stringers J6
" 2 " J7
Make 10 Stringers J2
" 4 " J3
Make 4 Stringers J4
" 6 " J5
Make 10 Stringers J8
" 10 " J9
Make 2 Stringers J10 Right & Left
" 2 " J11 " " "
Make 6 Brackets SB 3 Right & 3 Left
Make 5 Brackets SB1
3 Right & 2 Left
Make 2 Floor Beams FB Right & Left
" 2 " " FB1 " " "
Make 2 Floor Beams FB2 Right & Left
Make 2 Brackets SB2 Right & Left
Details not given same as SB
Make 2 Beams B3 Right & Left
" 2 " B4 " " "
" 1 " B5
Make 2 End Beams B6 Right & Left
Shop paint per specifications
Surfaces in contact to be painted before being
riveted together
Pin holes coated with white lead and tallow
Approved
Engr
Stiff Lower Chord, Beams Stringers
New Sharon Bridge
GROTON BRIDGE
New Sharon
ERT

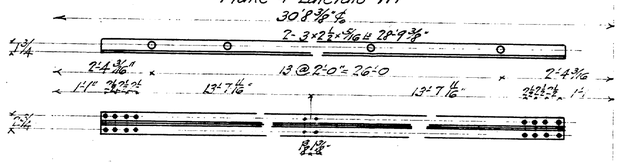

Make 4 Lower Chords CS
Make 4 Stringers J1
Make 10 Stringers J6
Make 10 Stringers J2
Make 4 Stringers J4
Make 10 Stringers J8
Make 2 Stringers J10 Right & Left
Make 6 Struts H.S.
Make 6 Brackets SB 3 Right & 3 Left
Make 5 Brackets SB1 3 Right & 2 Left
Make 2 Floor Beams FB Right & Left
Make 2 Floor Beams FB2 Right & Left
Make 2 Brackets SB2 Right & Left
Make 2 End Beams B6 Right & Left
Make 2 Beams B3 Right & Left
Stop paint per specifications
Surfaces in contact to be painted before being riveted together
Pin holes coated with white lead and tallow
Approved
Engr
Stiff Lower Chord, Beams Stringers
New Sharon Bridge



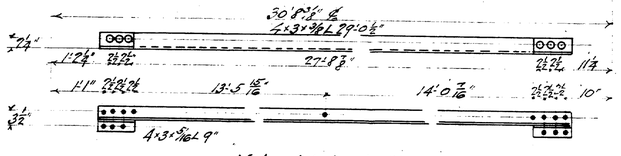
Make 4 Laterals W



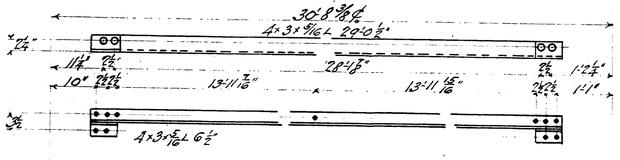
Make 4 Laterals W1



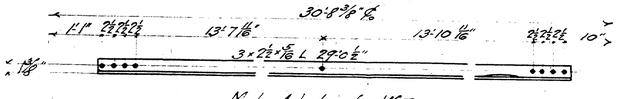
Make 4 Laterals W2



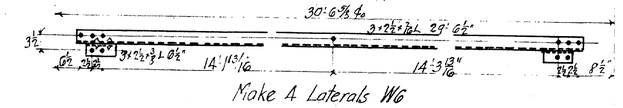
Make 4 Laterals W3



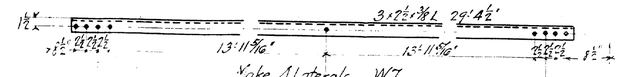
Make 4 Laterals W4



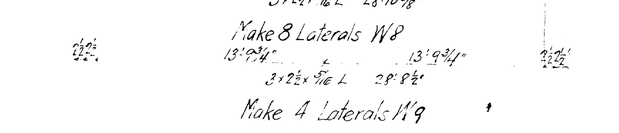
Make 4 Laterals W5



Make 4 Laterals W6

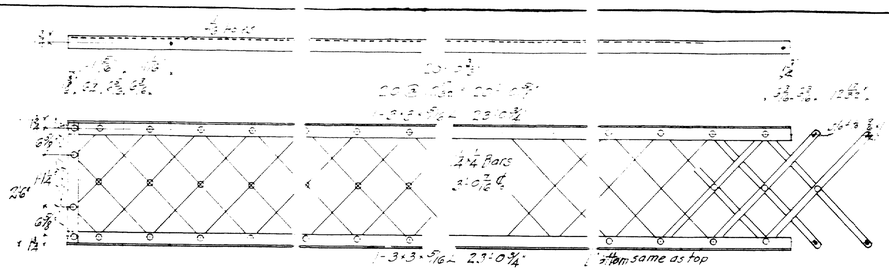


Make 4 Laterals W7



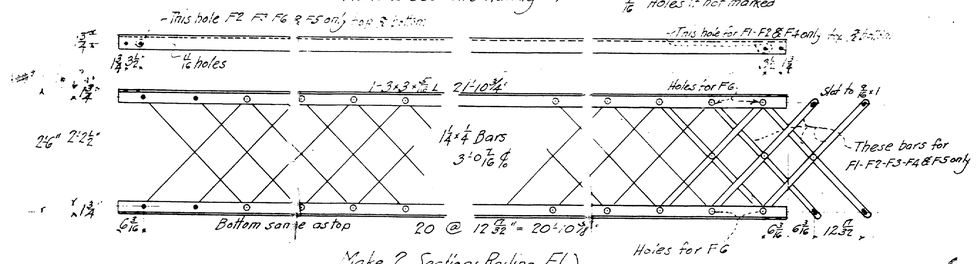
Make 8 Laterals W8

Make 4 Laterals W9



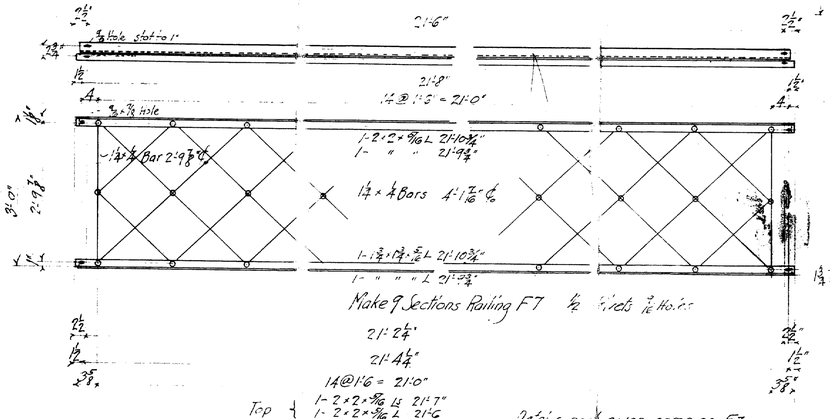
Make 2 Sections Railing F

1/2 Rivets
7/16 Holes if not marked

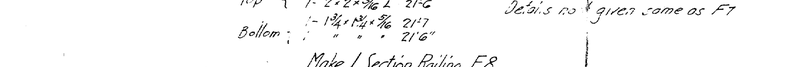


Make 2 Sections Railing F1
" 2 " " F2
" 2 " " F3
" 2 " " F4
" 1 " " F5
" 1 " " F6

7/16 Holes not marked
1/2 Rivets

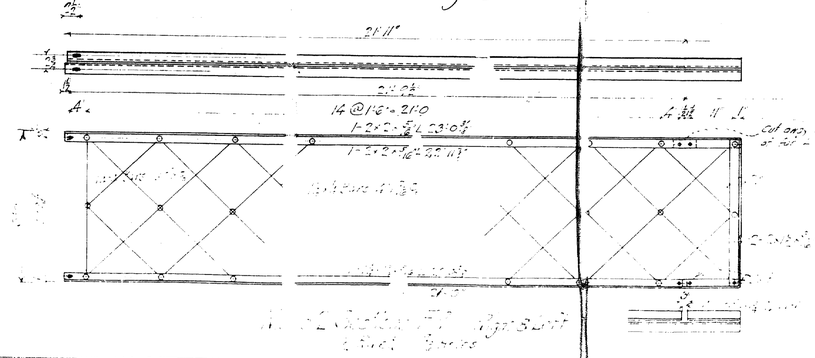


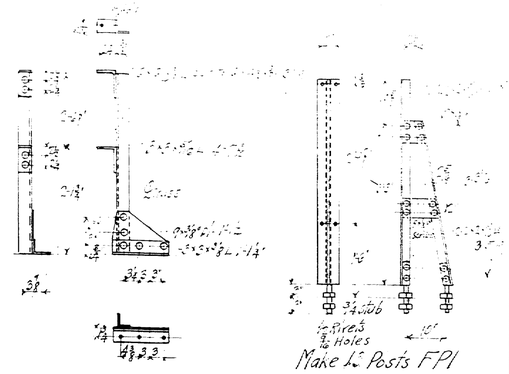
Make 9 Sections Railing F7 1/2 Rivets 7/16 Holes



Details not given same as F7

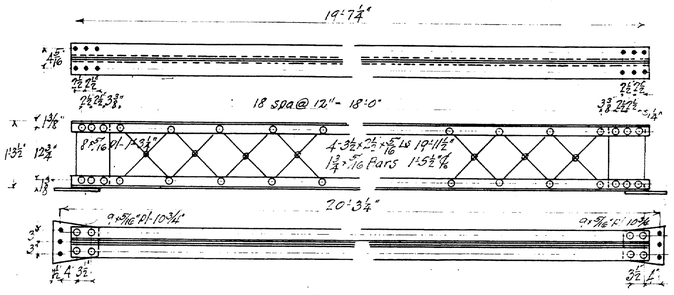
Make 1 Section Railing F8



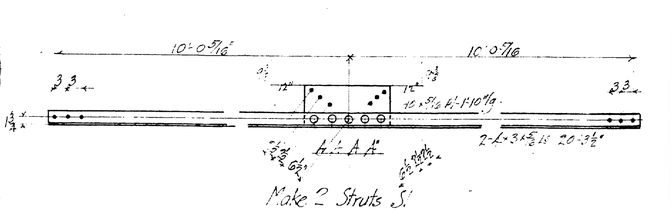


Make 2 Posts FP Right & Left

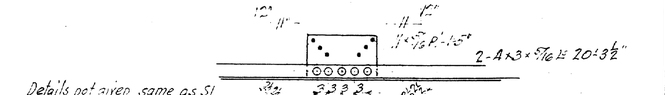
Make 2 Posts FP1



Make 5 Struts S

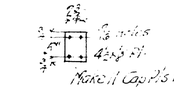


Make 2 Struts S1



Details not given same as S1

Make 2 Struts S2



Make 1 Cap Pl's FC

Paint per specifications
Paint parts in contact before being riveted

Approved _____

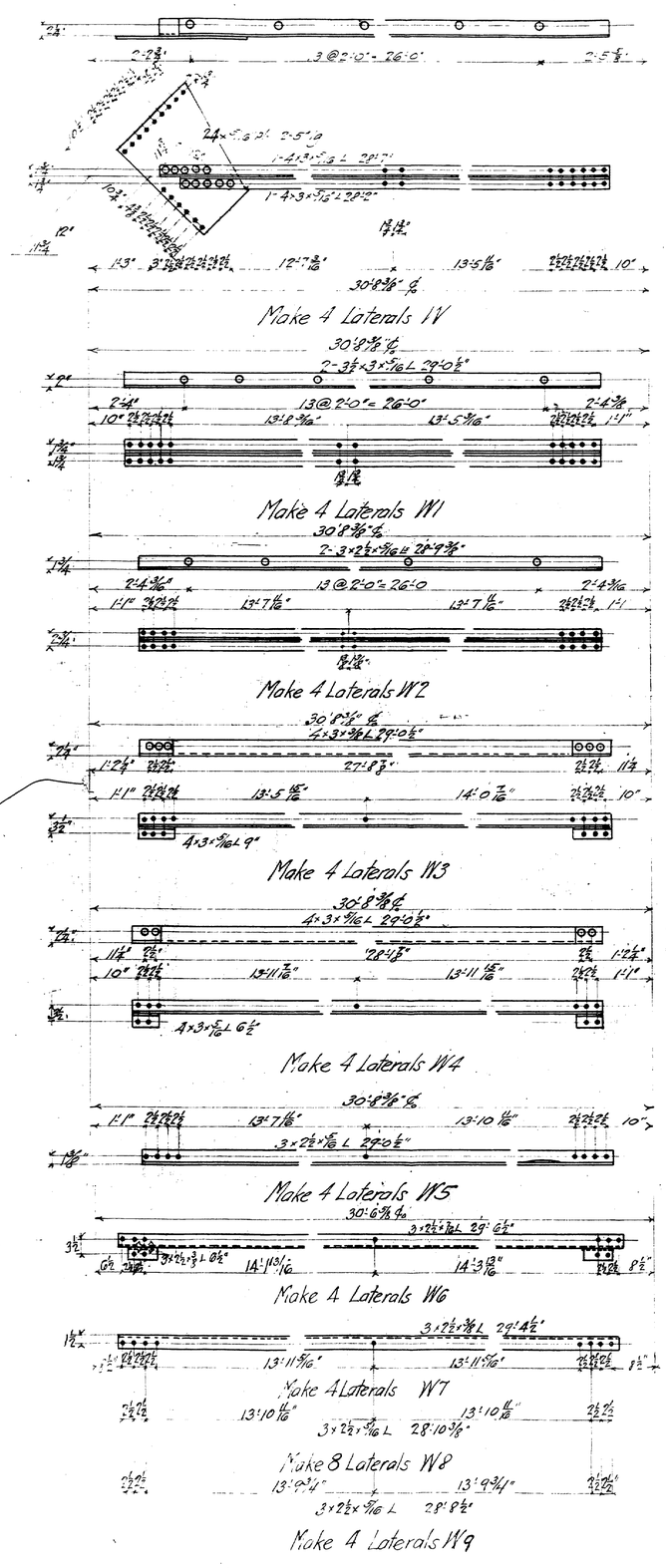
_____ Engr.

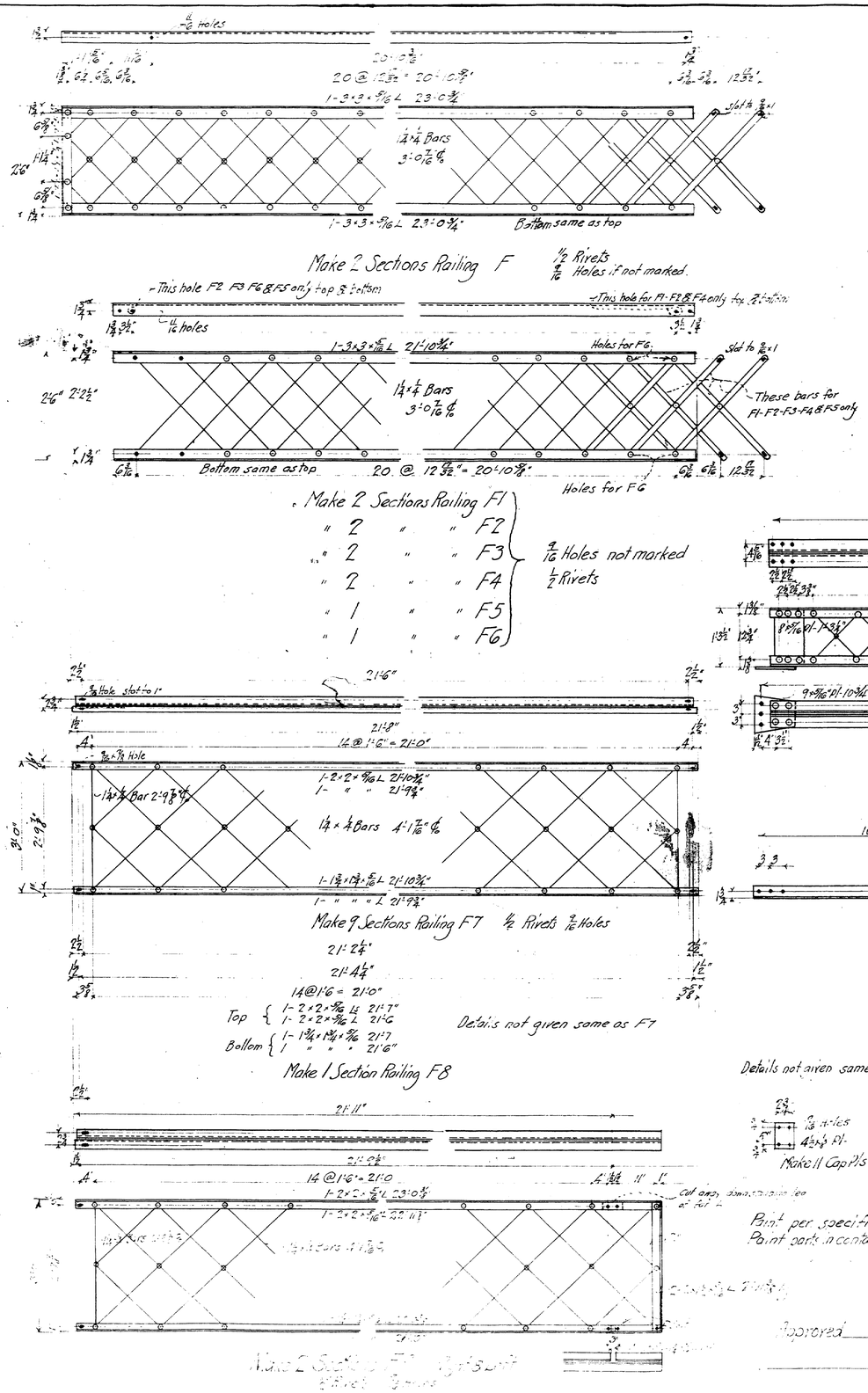
Laterals, Railings, Struts
New Sharon Bridge

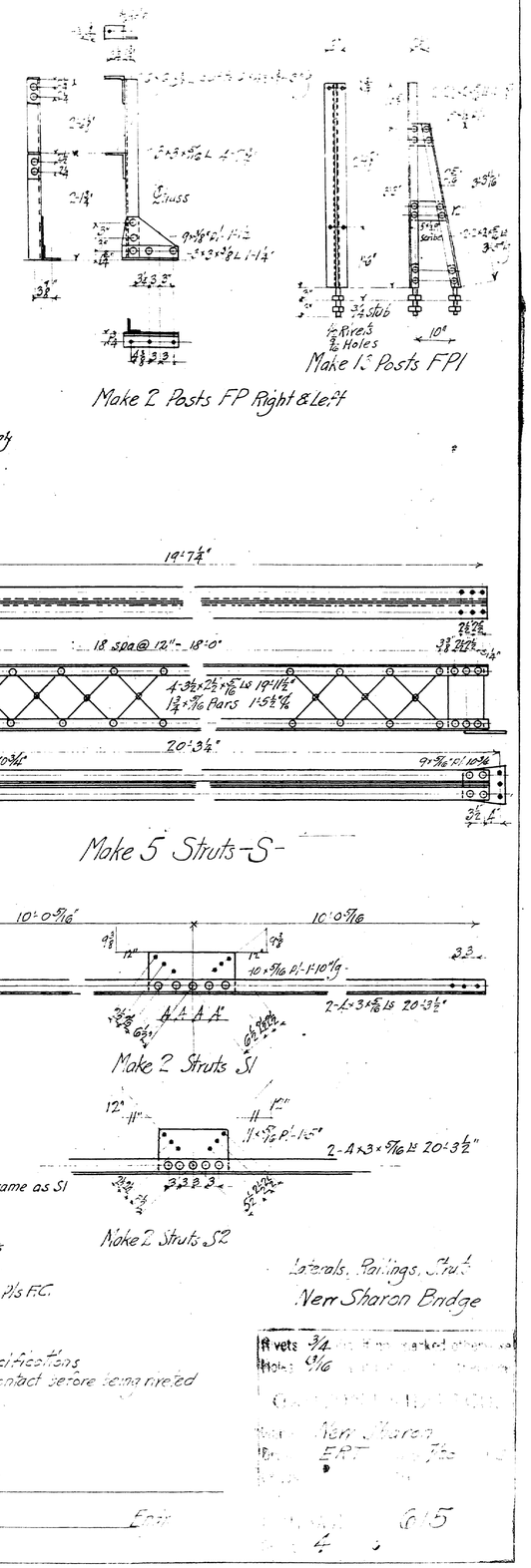
Rivets 3/4
Holes 13/16

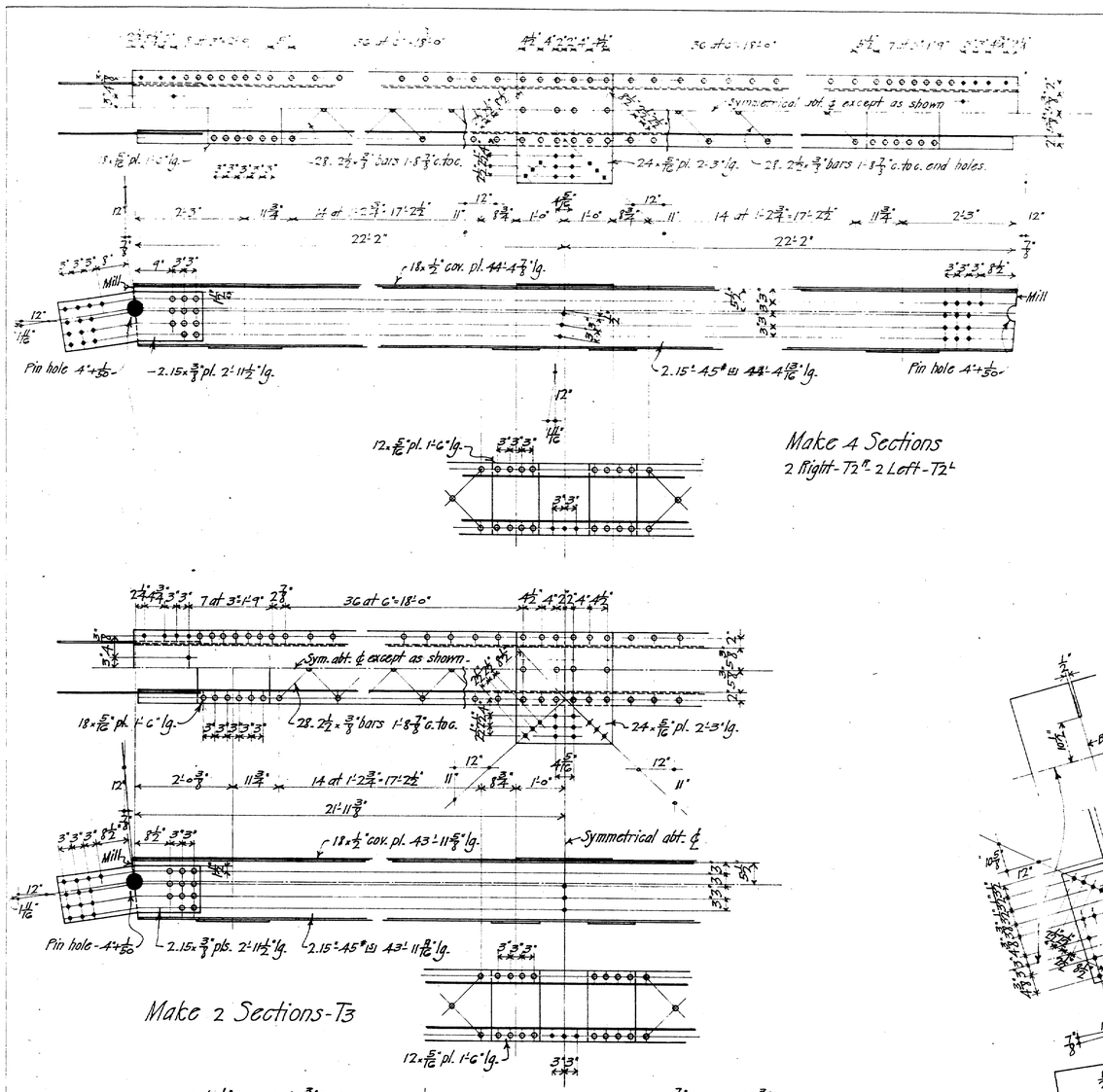
New Sharon
E.R.T.

615


Make 4 Laterals W
Make 4 Laterals W1
Make 4 Laterals W2
Make 4 Laterals W3
Make 4 Laterals W4
Make 4 Laterals W5
Make 4 Laterals W6
Make 4 Laterals W7
Make 8 Laterals W8
Make 4 Laterals W9

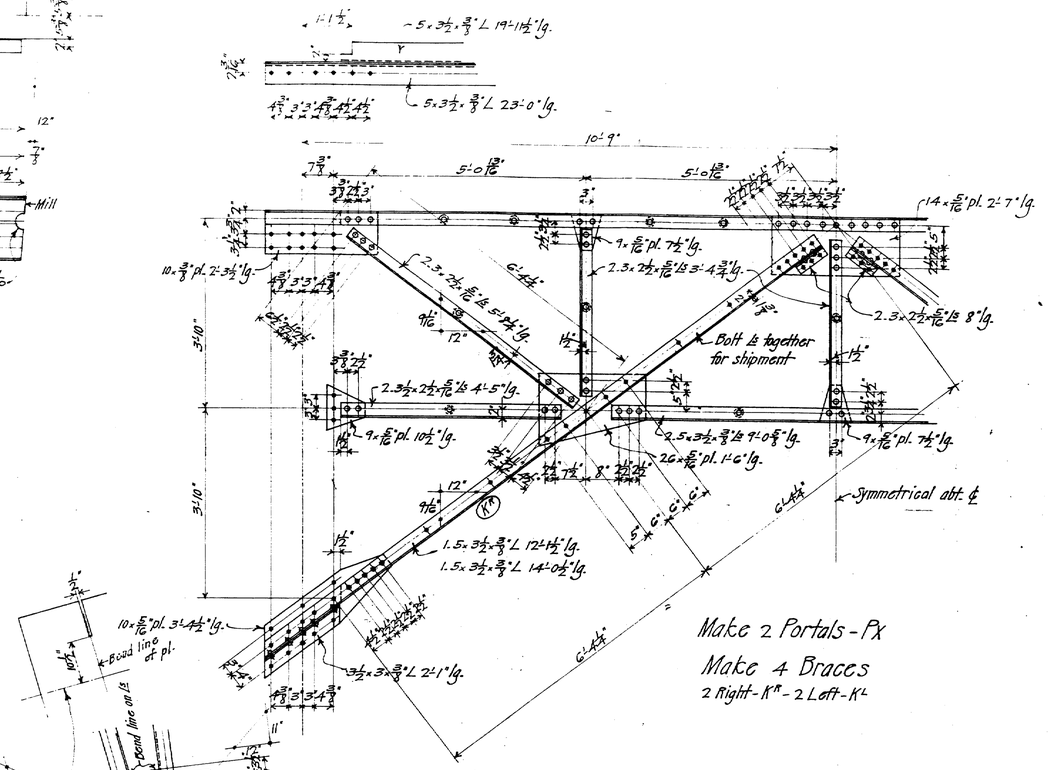

Make 2 Sections Railing F
1/2 Rivets
7/16 Holes if not marked.
Bottom same as top
Make 2 Sections Railing F1
" 2 " " F2
" 2 " " F3
" 2 " " F4
" 1 " " F5
" 1 " " F6
7/16 Holes not marked
1/2 Rivets
Make 9 Sections Railing F7
1/2 Rivets 7/16 Holes
Make 1 Section Railing F8
Details not given same as F7


Make 2 Posts FP Right & Left
Make 1 Posts FP1
Make 5 Struts -S-
Make 2 Struts S1
Make 2 Struts S2
Details not given same as S1
Make 11 Cap Pl's FC.
Paint per specifications
Paint parts in contact before being riveted
Approved
Laterals, Railings, Struts
New Sharon Bridge

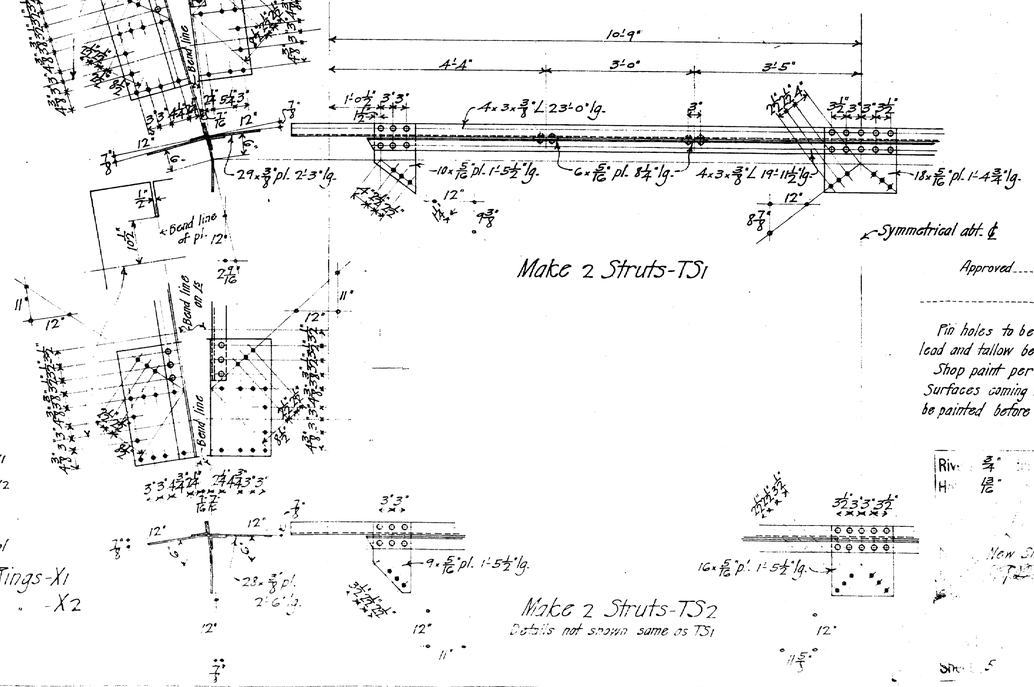


Make 4 Sections
2 Right-T2R - 2 Left-T2L

Make 2 Sections-T3

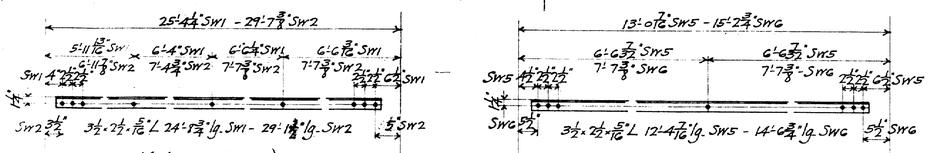


Make 2 Portals-Px
Make 4 Braces
2 Right-KR - 2 Left-KL



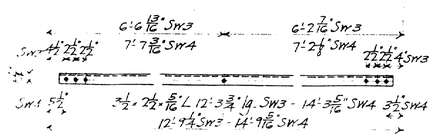
Make 2 Struts-TS1

Make 2 Struts-TS2
Details not shown same as TS1

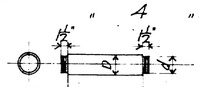


Make 4 Sways-Sw1
" 4 " -Sw2

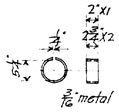
Make 4 Sways-Sw5
" 4 " -Sw6



Make 4 Sways-Sw3
" 4 " -Sw4



No.	D	S. to S.	d	Mark	Lamas nut
4	5"	1'-4¼"	4"	Y1	P7
4	5"	1'-4⅝"	4"	Y2	P7
12	4"	1'-1¼"	3¼"	Y3	P4
6	4"	11¾"	3¼"	Y4	P4
8	5¼"	1'-6"	4¼"	Y5	P8
4	5¼"	1'-6⅝"	4¼"	Y6	P8
4	5¼"	1'-7⅜"	4¼"	Y7	P8
2	5¼"	1'-8⅝"	4¼"	Y8	P8



Make 8 Rings-X1
" 4 " -X2

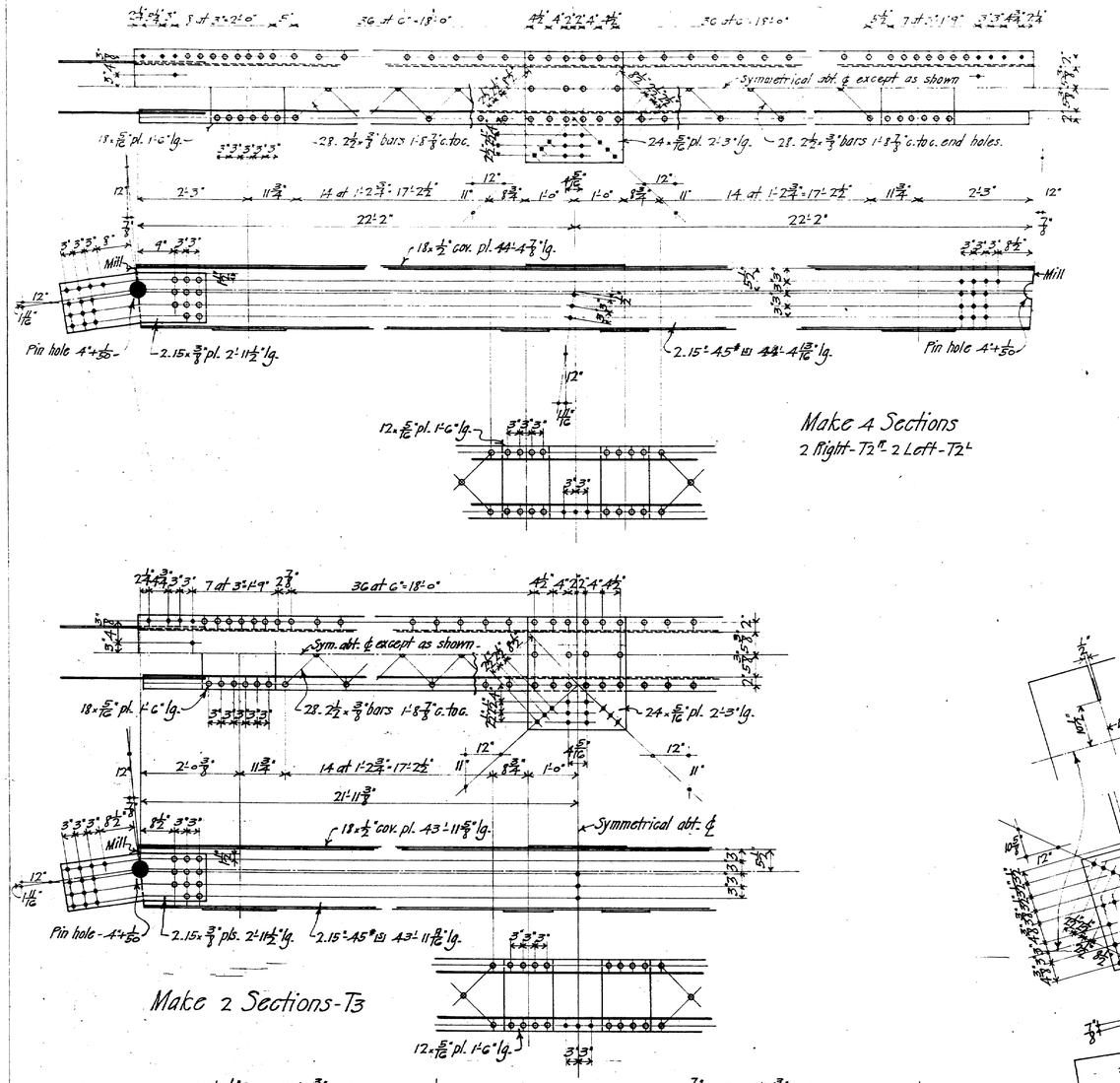
Approved.....
.....Engineer.

Pin holes to be coated with white lead and tallow before member is shipped.
Shop paint per specifications.
Surfaces coming in contact shall each be painted before being riveted together.

Rivets ¾" ... if not marked other...
Holes 13/16" ... if not marked other...

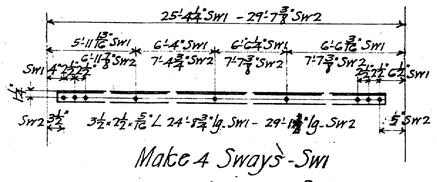
BRIDGE CO.
New Sharon, Maine.
7/25 16

615

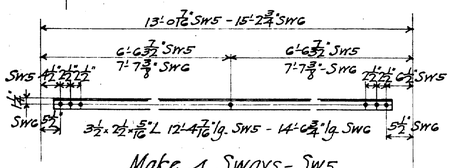


Make 4 Sections
2 Right-T2R 2 Left-T2L

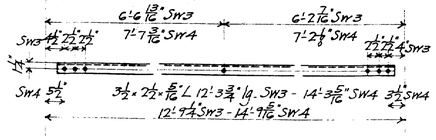
Make 2 Sections-T3



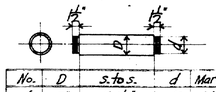
Make 4 Sways-Sw1
" 4 " -Sw2



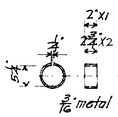
Make 4 Sways-Sw5
" 4 " -Sw6



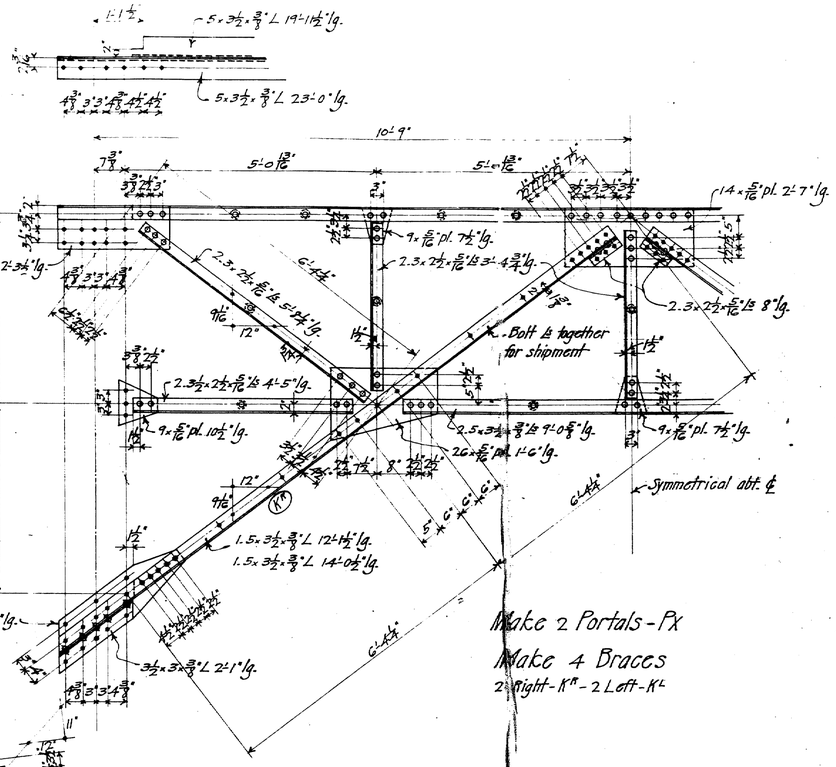
Make 4 Sways-Sw3
" 4 " -Sw4



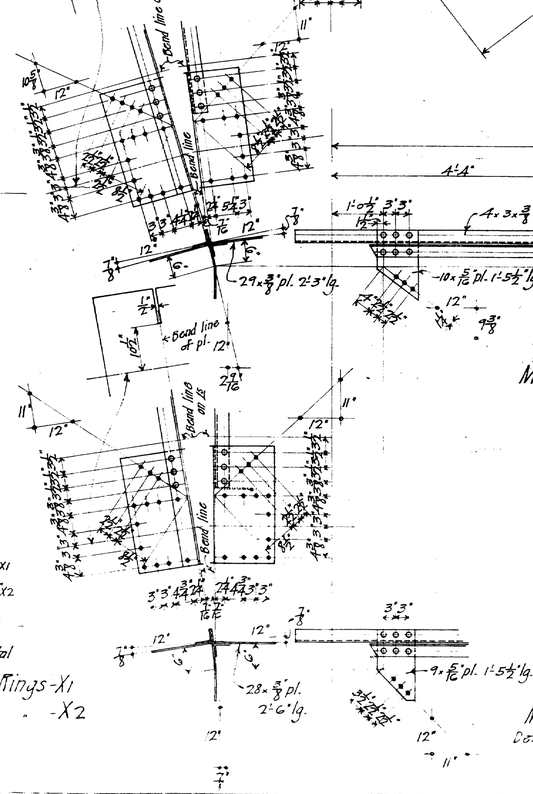
No.	D	S. to s.	d	Mark	Lamas nut
4	5"	1'-4 1/4"	4"	Y1	P7
4	5"	1'-4 5/8"	4"	Y2	P7
12	4"	1'-1 1/4"	3 1/4"	Y3	P4
6	4"	11 3/8"	3 1/4"	Y4	P4
8	5 1/4"	1'-6"	4 1/4"	Y5	P8
4	5 1/4"	1'-6 3/8"	4 1/4"	Y6	P8
4	5 1/4"	1'-7 3/8"	4 1/4"	Y7	P8
2	5 1/4"	1'-8 5/8"	4 1/4"	Y8	P8



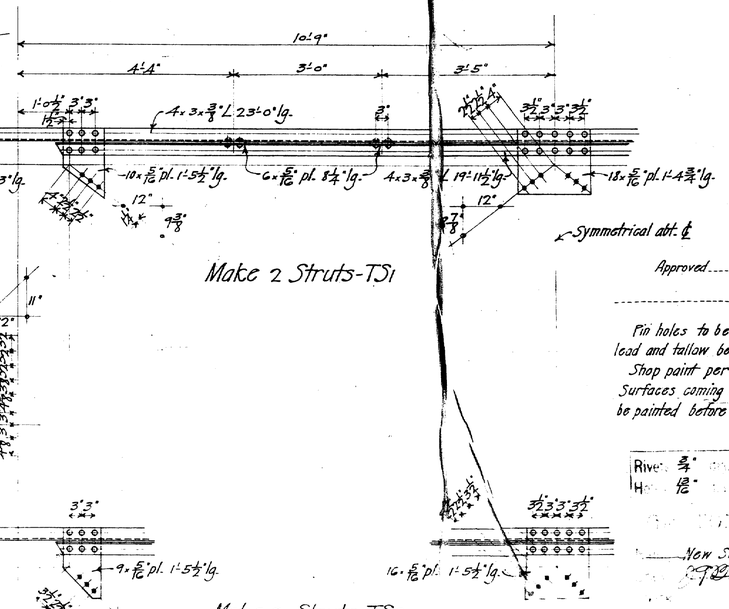
Make 8 Rings-X1
" 4 " -X2



Make 2 Portals-Px
Make 4 Braces
2 Right-KR - 2 Left-KL



Make 2 Struts-TS2
Details not shown same as TS1



Make 2 Struts-TS1

Approved.....
.....Engineer.

Pin holes to be coated with white lead and tallow before member is shipped.
Shop paint per specifications.
Surfaces coming in contact shall each be painted before being riveted together.

Rivets 3/4" diam. if not marked otherwise
Holes 13/16" diam. if not marked otherwise

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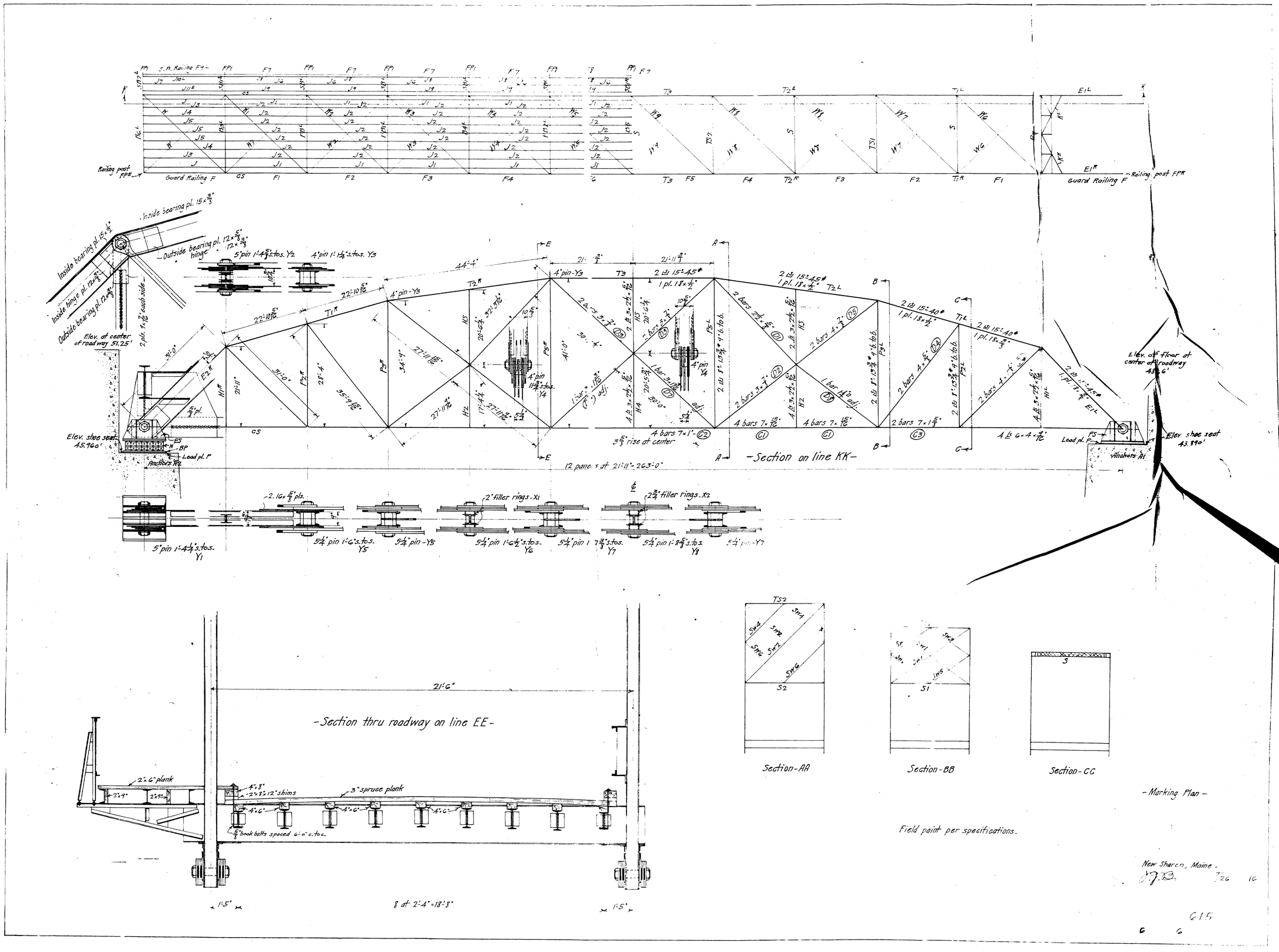
Sheet 5



Guard Railing F
Railing post FPR
Inside bearing pl. 15×3/8"
Outside bearing pl. 12×5/8"
Inside bearing pl. 15×1/2"
Inside hinge pl. 12×5/8"
Outside bearing pl. 12×3/8"
Elev. at center of roadway 51.25'
Elev. shoe seat 45.960'
Elev. of floor at center of roadway 48.6'
Elev. shoe seat 43.890'
Anchors A1
Anchors A2
Lead pl. P
12 panels at 21'-11" = 263'-0"
-Section on line KK-
3 5/8" rise at center
2" filler rings-X1
2 3/4" filler rings-X2
5" pin 1'-4 1/4" s.to.s. Y1
5 1/4" pin 1'-6" s.to.s. Y5
5 1/4" pin-Y5
5 1/4" pin 1'-6 1/2" s.to.s. Y6
5 1/4" pin 1'-8 5/8" s.to.s. Y8
5 1/4" pin-Y7
21'-6"
-Section thru roadway on line EE-
2"×6" plank
3" spruce plank
4"×8"
2"×8"×12" shims
4"×6"
5/8" hook bolts spaced 6'-0" c.to c.
1'-5"
8 at 2'-4" = 18'-8"
Section-AA
Section-BB
Section-CC
-Marking Plan-
Field paint per specifications.
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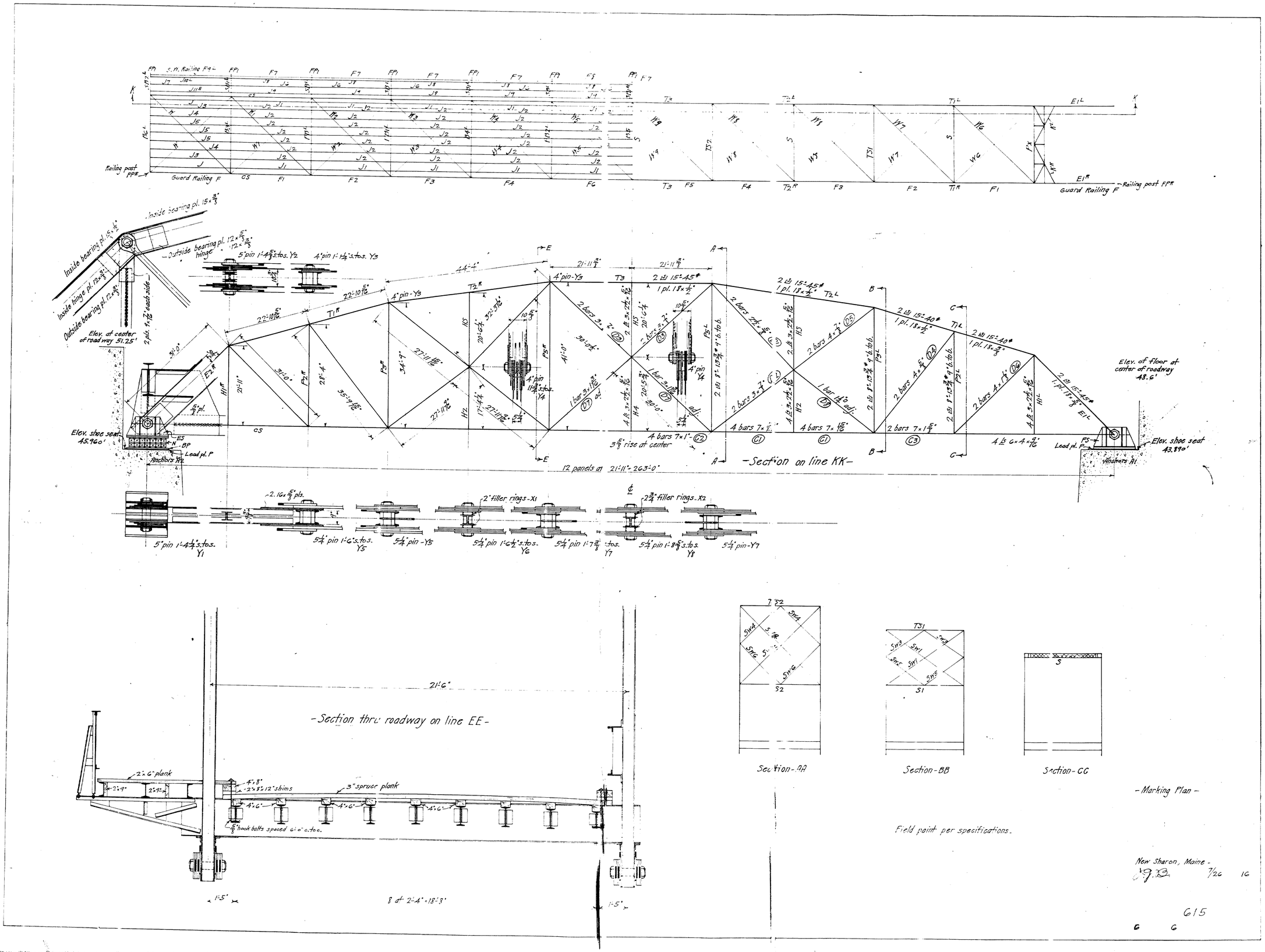

Guard Railing F
Railing post FP
Inside bearing pl. 15×3/8
Outside bearing pl. 12×5/8
Inside bearing pl. 12×3/8
Outside bearing pl. 12×3/8
Elev. at center of roadway 51.25'
Elev. shoe seat 45.960'
Elev. of floor at center of roadway 48.6'
Elev. shoe seat 43.890'
Anchors A2
Anchors A1
Lead pl. P
12 panels at 21'-11"=263'-0"
-Section on line KK-
-Section thru roadway on line EE-
21'-6"
2"×6" plank
3" spruce plank
8 at 2'-4"=18'-8"
Section-AA
Section-BB
Section-CC
-Marking Plan-
Field paint per specifications.
New Sharon, Maine -
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