

Abutments.		
20	1" =	16"
10	1" =	36"
74	1" =	180"
20	1" =	170"
Floor Beams.		
25	1" =	24"
10	1" =	25"
60	1" =	70"
10	1" =	10"
Floor Slab.		
26	1" =	22"
36	1" =	23"
42	1" =	23"
Lower Chord		
12	1" =	17' 0"
0	1" =	18' 0"
8	1" =	20' 0"
8	1" =	25' 0"
8	1" =	26' 0"
8	1" =	35' 0"
8	1" =	35' 0"
4	1" =	35' 0"
20	1" =	110'

Suspension members.
10 - 1" - 19' 0"
20 - 1" - 18' 6"
20 - 1" - 17' 0"
20 - 5" - 1' 10"

Arch Ring
18 3/4" - 4' 3"
8 - 7/8" - 5' 6"
24 - 1" - 6' 0"
16 - 1" - 7' 0"
12 - 1" - 26' 0"
24 - 1" - 34' 0"
12 - 1" - 30' 0"

Hard Rail
16 3/8" - 4' 0"
8 - 3/8" - 6' 0"

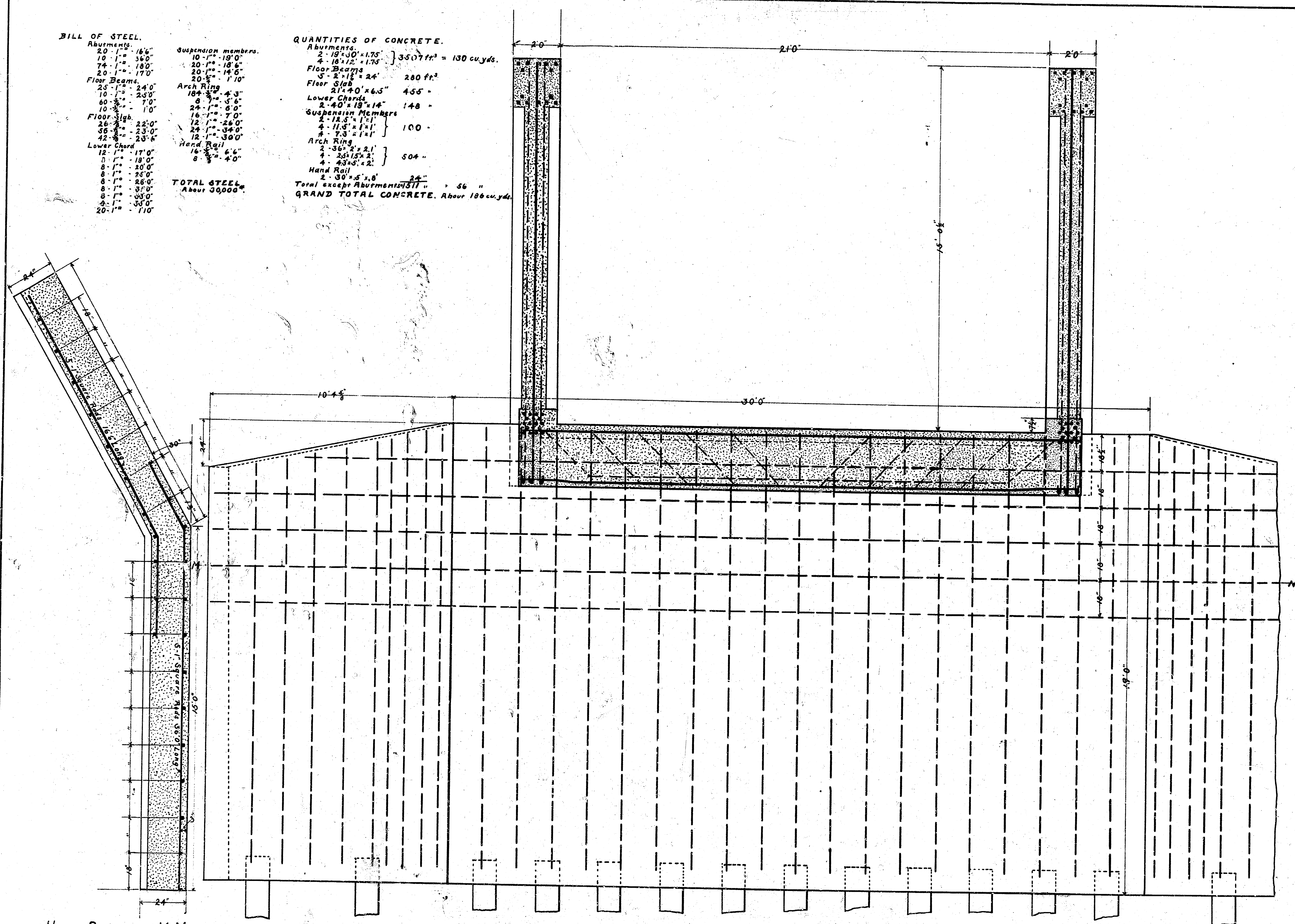
TOTAL STEEL
About 30,000*

Aburments.

2' x 10' x 17.5' }	350 cu. yds.
4' x 10' 12' x 12' }	
Floor Beams	
2' x 10' x 24' }	280 ft. ³
Floor Slab	
2' x 10' x 6.5' }	450 "
Lower Chords	
2' x 10' x 13' 14' }	148 "
Suspension Members	
2' x 10' x 14' }	
4' x 11.5' x 14' }	100 "
4' x 9.5' x 14' }	
Arch Ring	
2' x 10' x 2.1' }	
4' x 10.5' x 2.1' }	504 "
4' x 10.5' x 2' }	
4' x 10.5' x 12' }	
Main Rail	
2' x 10' x 1.8' }	28 "
2' x 10' x 1.8' }	

Total except Aburments 1071. " 56 "

GRAND TOTAL CONCRETE. About 186 cu. yds.

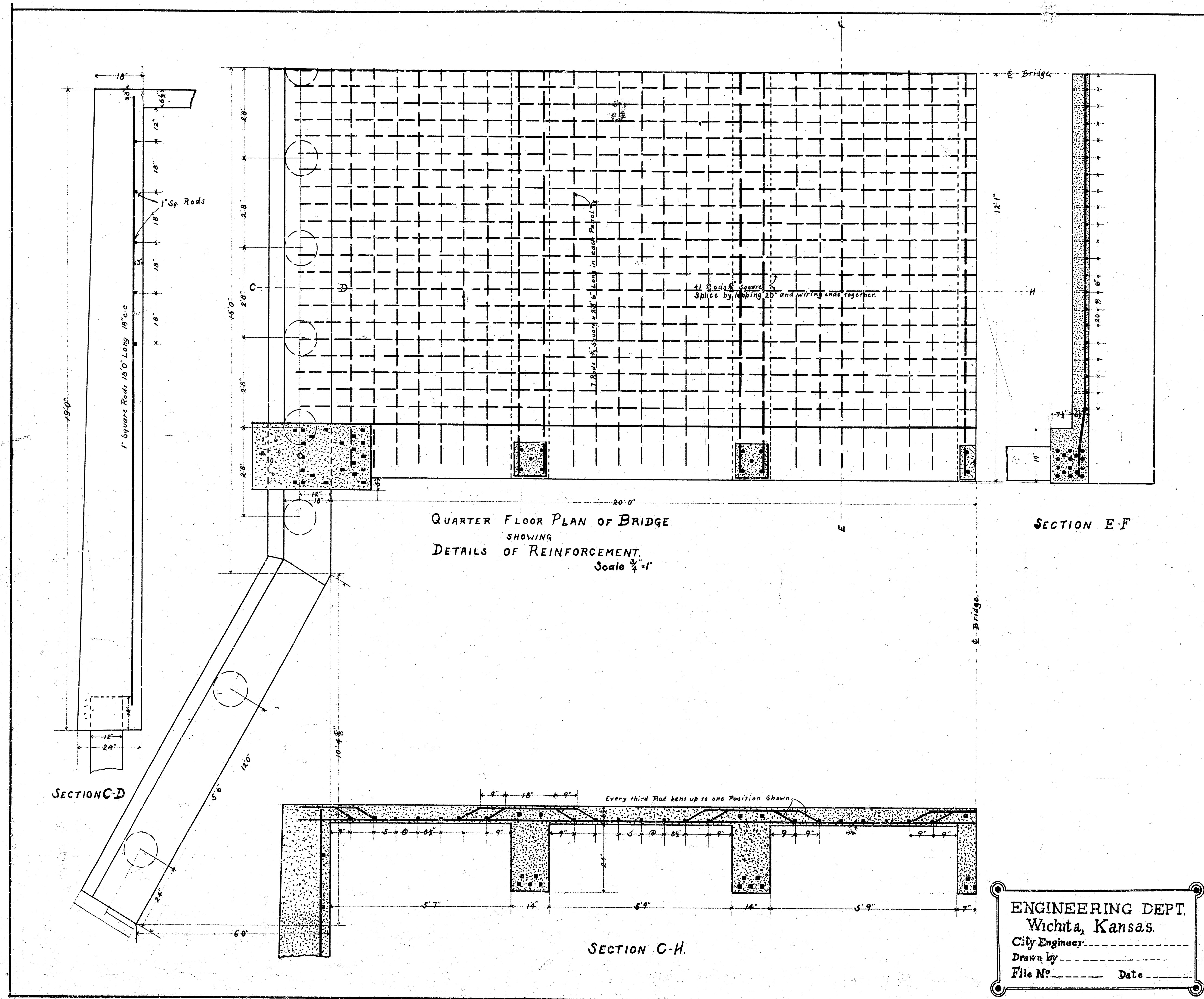


HALF SECTION M-N
Scale $\frac{1}{2}'' = 1'$

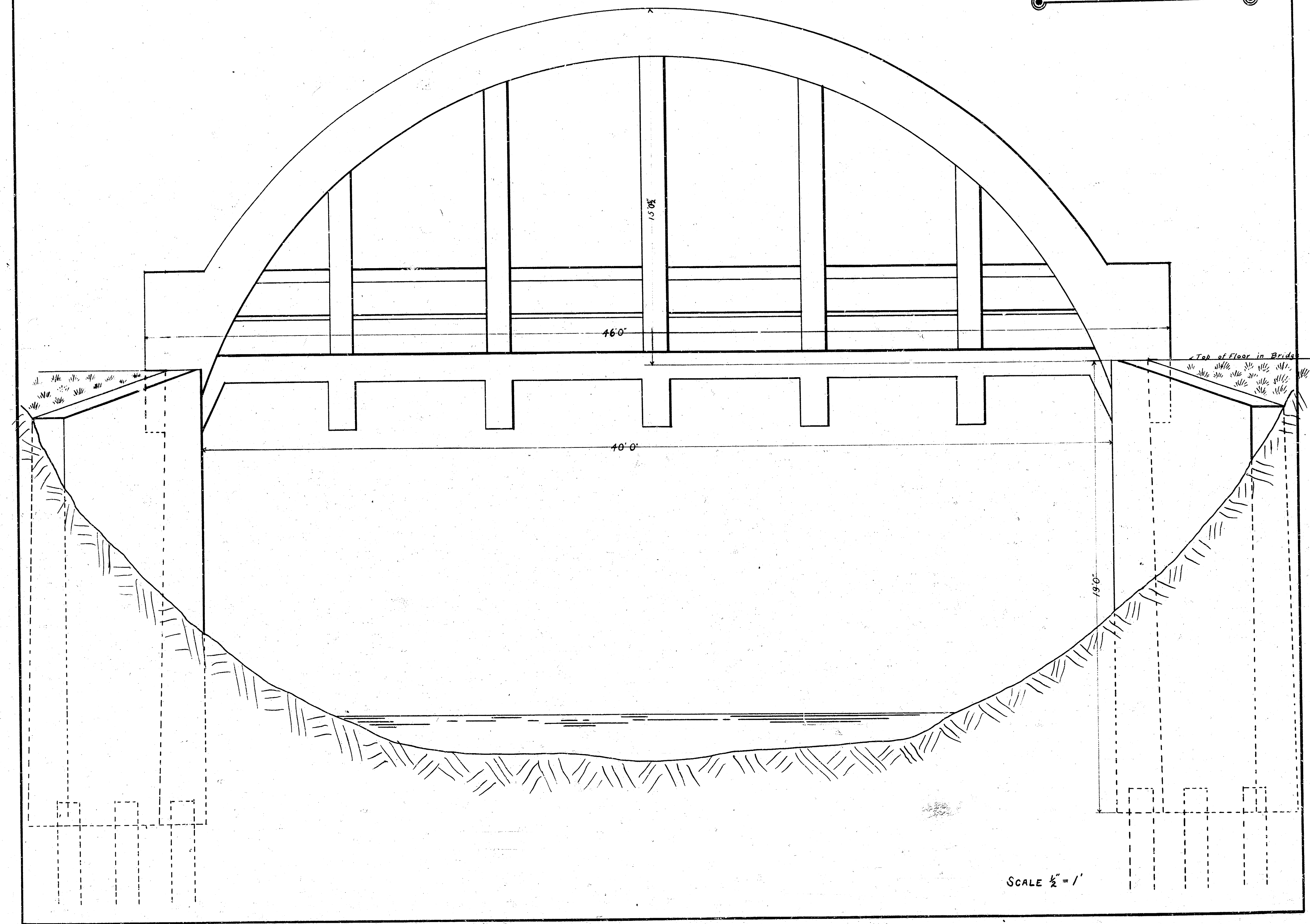
ELEVATION OF ARCH AND ABUTMENT
SHOWING
REINFORCEMENT OF ABUTMENT
Scale $\frac{1}{4}''=1'$

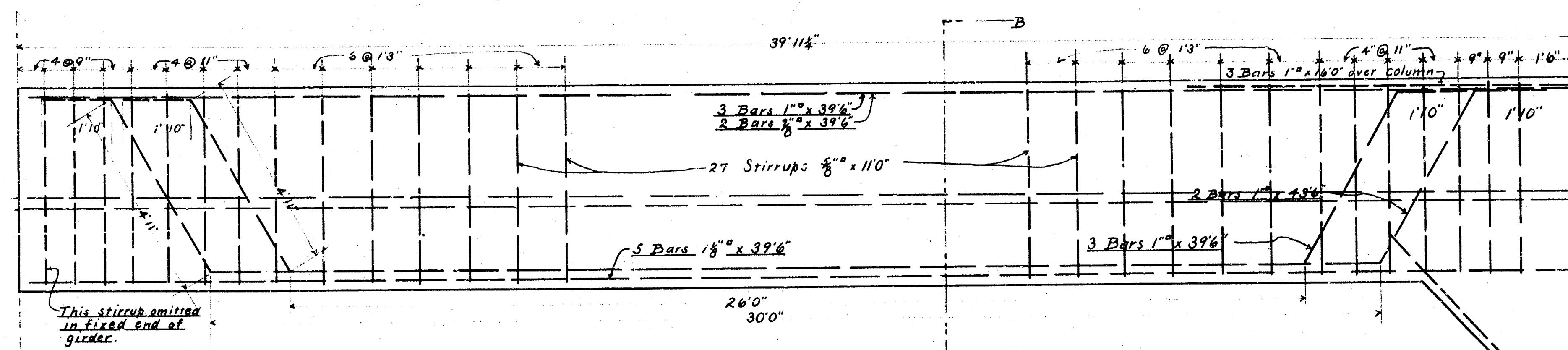
Harry St. Bridge
Drainage Canal

ENGINEERING DEPT
Wichita, Kansas.
City Engineer _____
Drawn by _____
File No: _____ Date _____

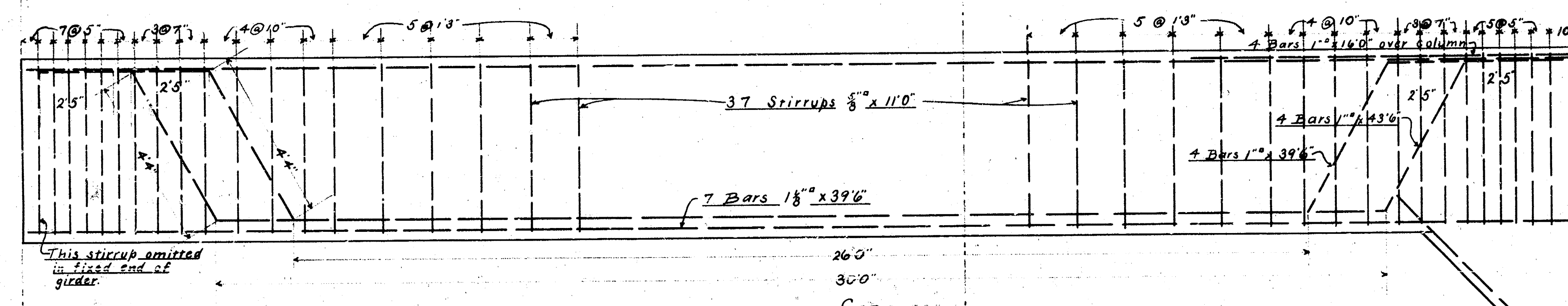


ENGINEERING DEPT
Wichita, Kansas.
City Engineer.....
Drawn by.....
File N°..... Date.....

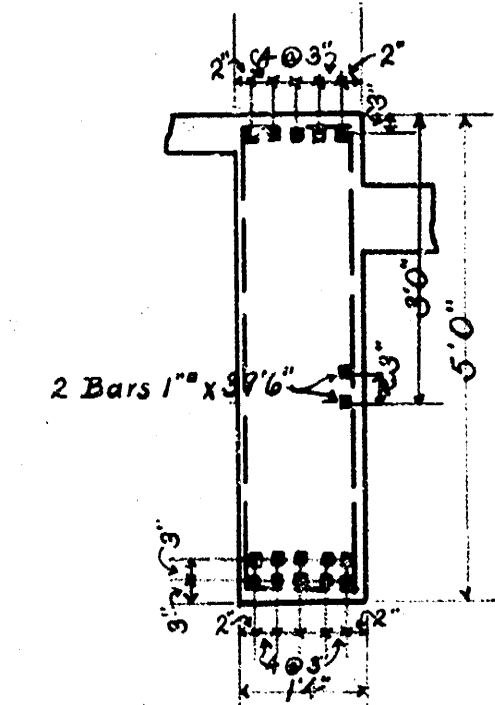




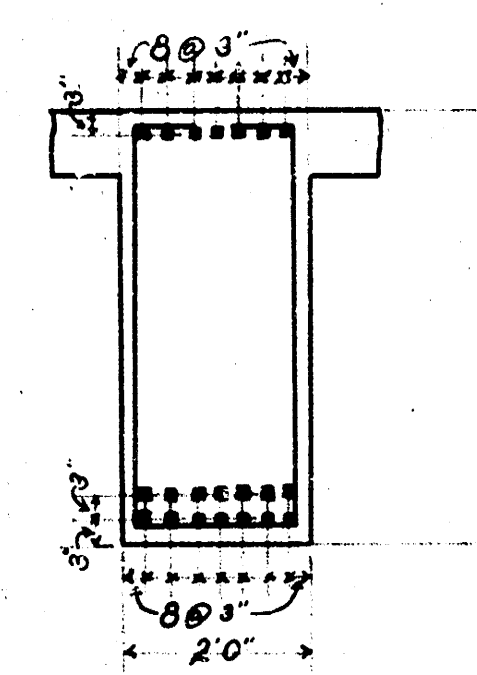
STEEL IN OUTSIDE GIRDER



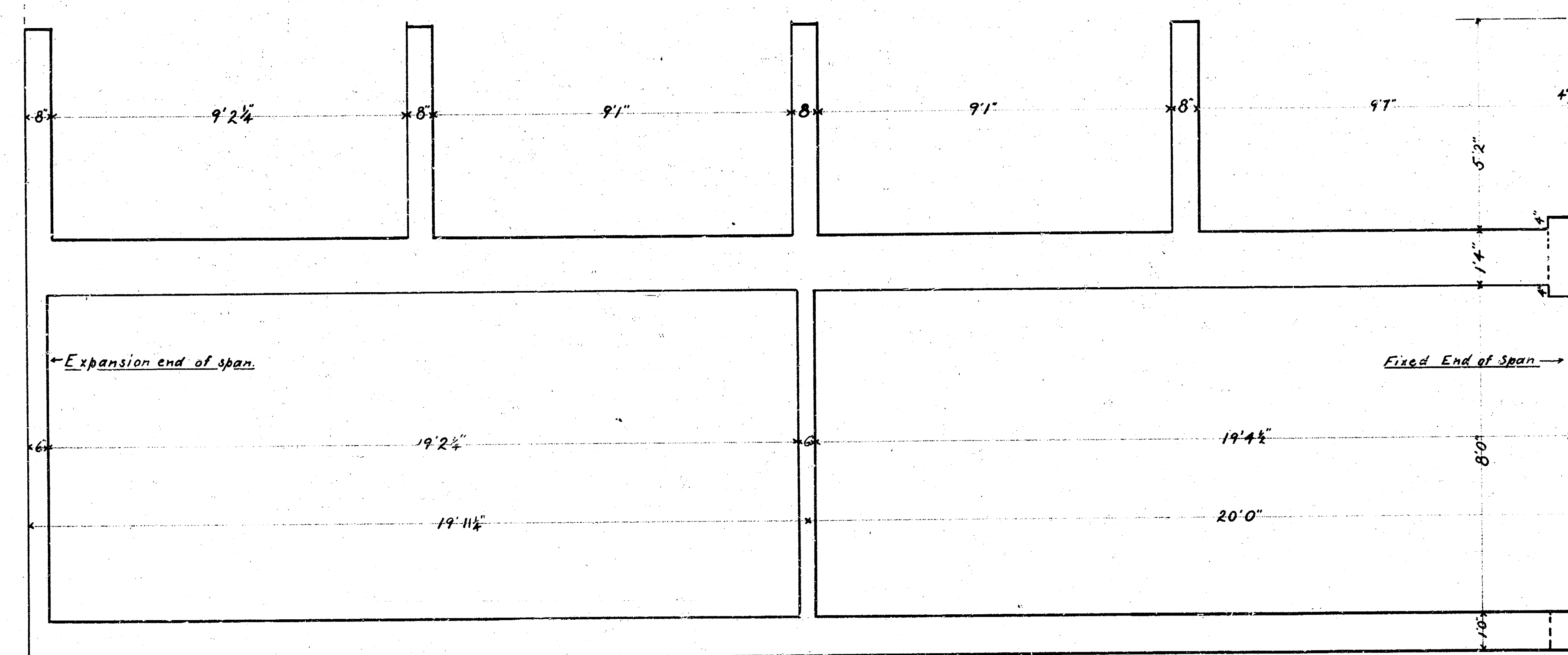
STEEL IN CENTER GIRDER



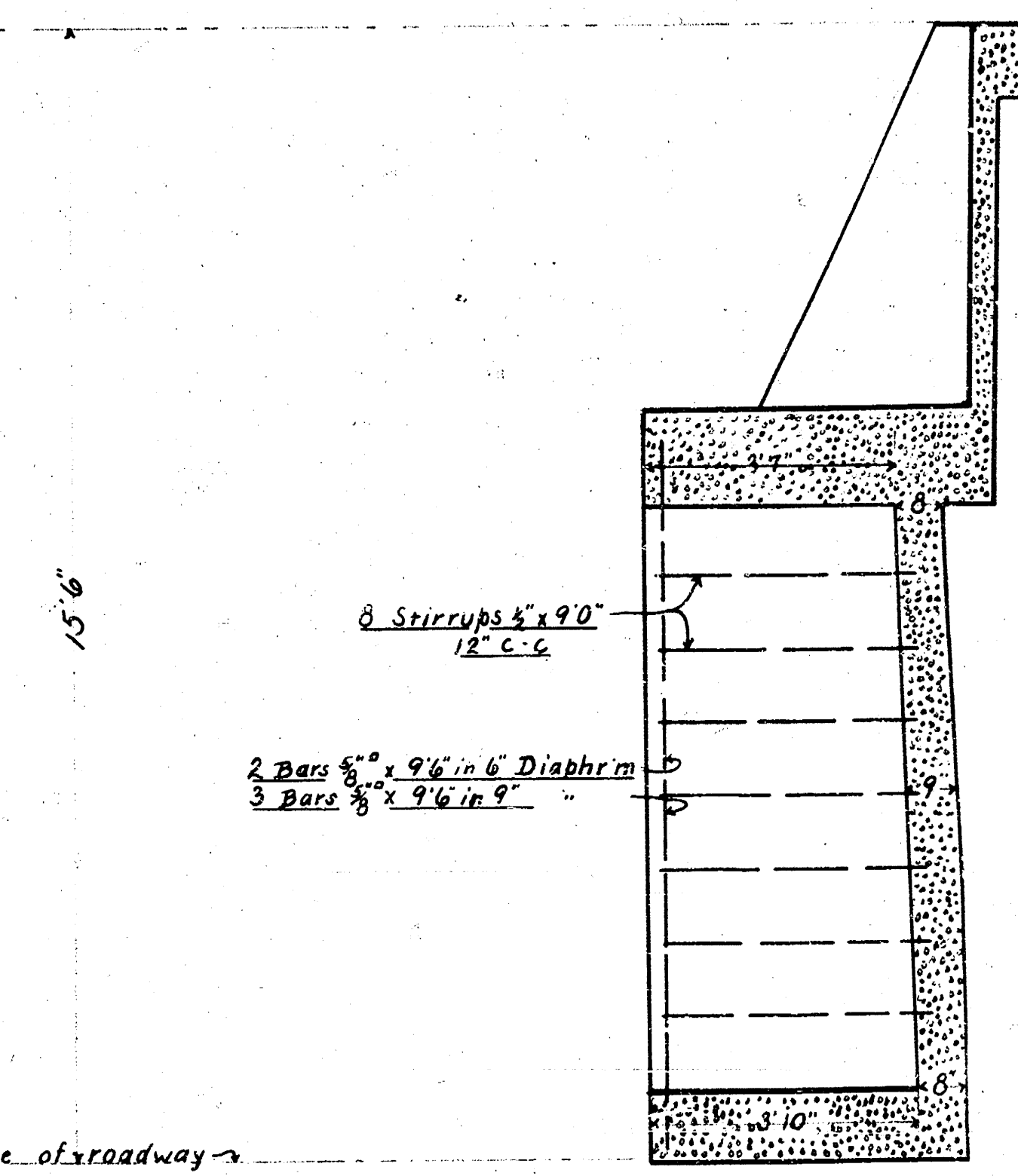
SECTION B-B



SECTION C-C



HALF PLAN OF DIAPHRAGMS AND SIDEWALK CANTILEVER BEAMS IN ONE SPAN



STEEL IN DIAPHRAGM

Scale all details on this plate 1/2" to 1"

