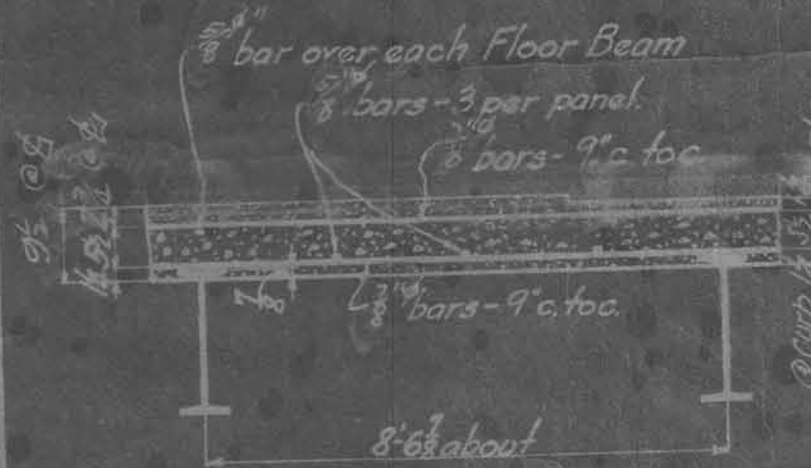
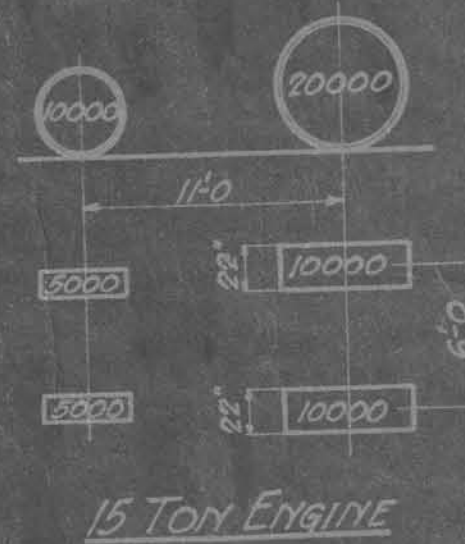
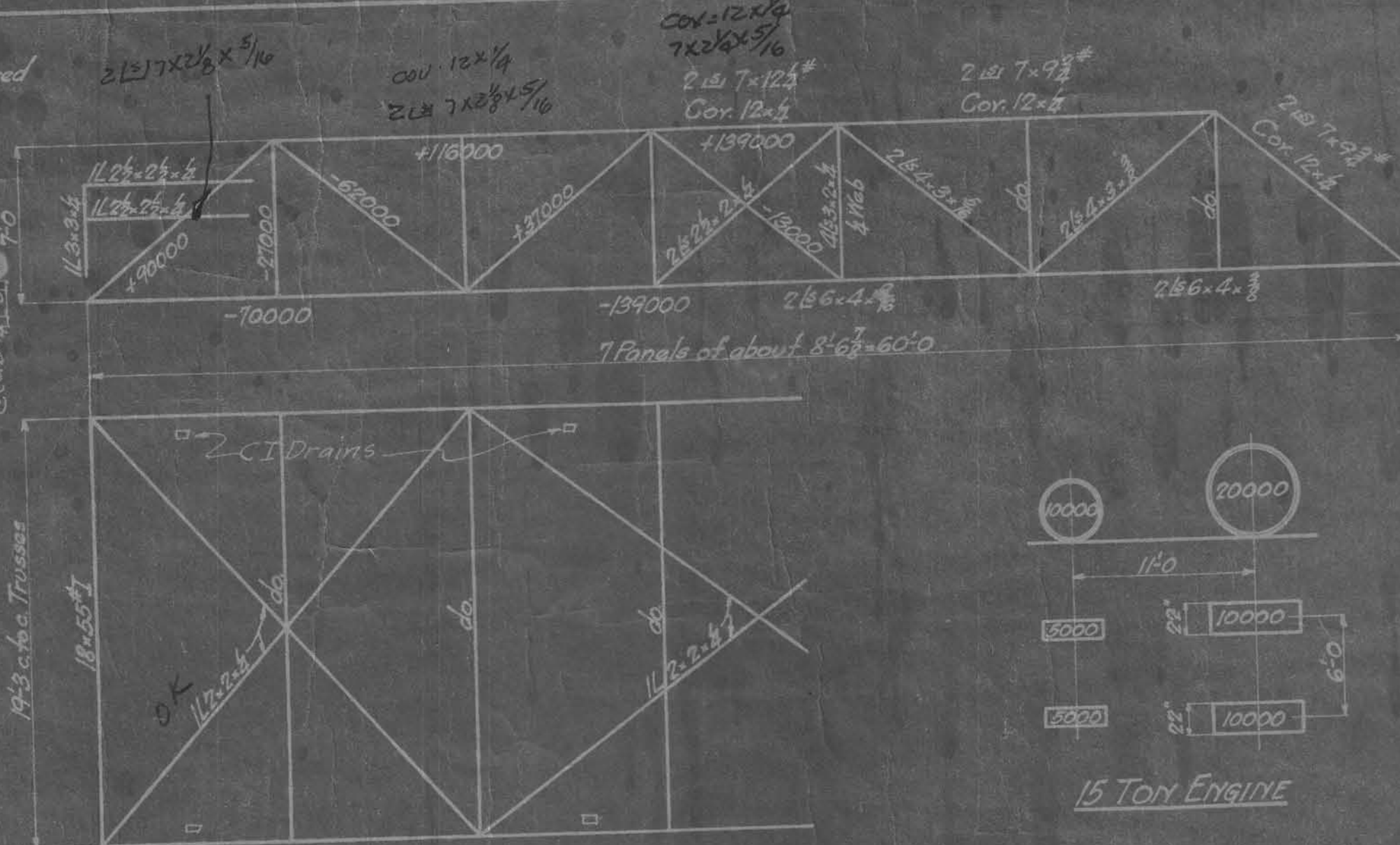


Note - Reinforcing bars to be spaced and wired in position before concrete is poured.



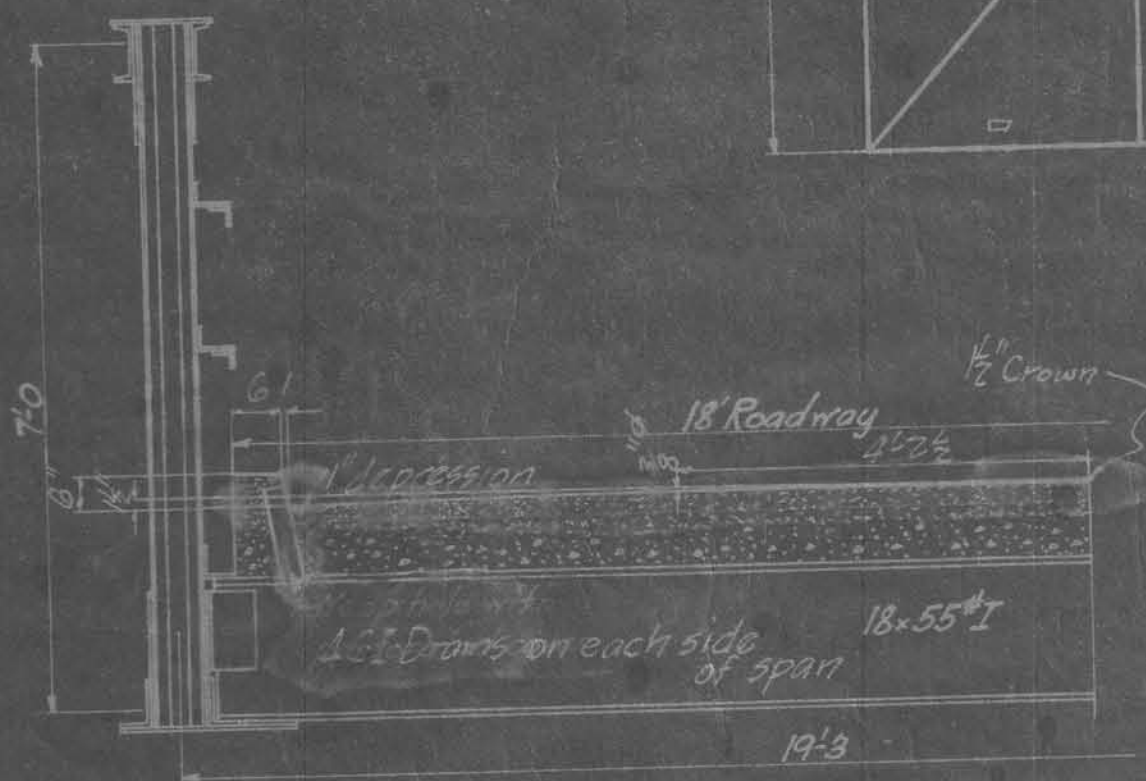
LONGITUDINAL SECTION OF FLOOR



Assumed Loading:-
 Dead Load - 1400* per ft. of Truss
 Live Load - 90* per sq. ft. of Roadway or Engine as per diagram

Standard Specifications of the Iowa Highway Commission, Series 1923 for construction

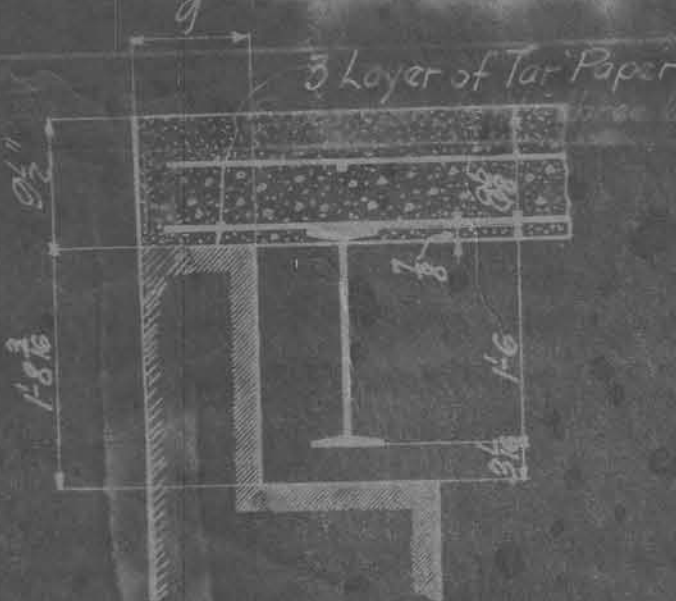
Stress Sheet
 STANDARD 60x18 PONY TRUSS SPAN
 with
 Concrete Slab Floor
 Iowa Highway Commission
 April 1924



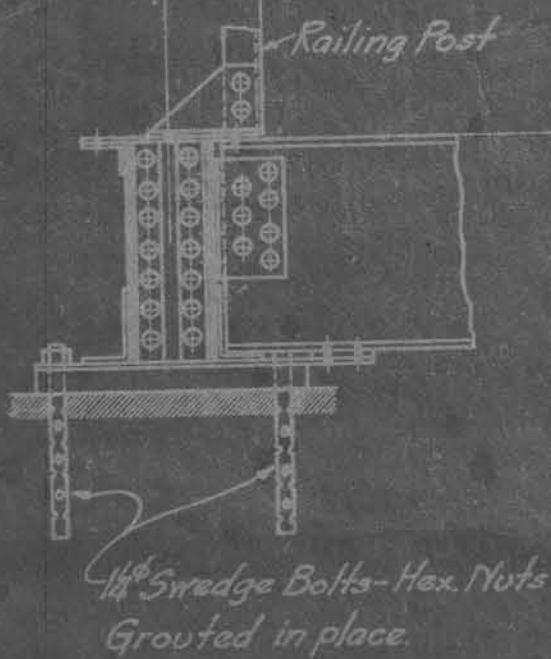
HALF SECTION



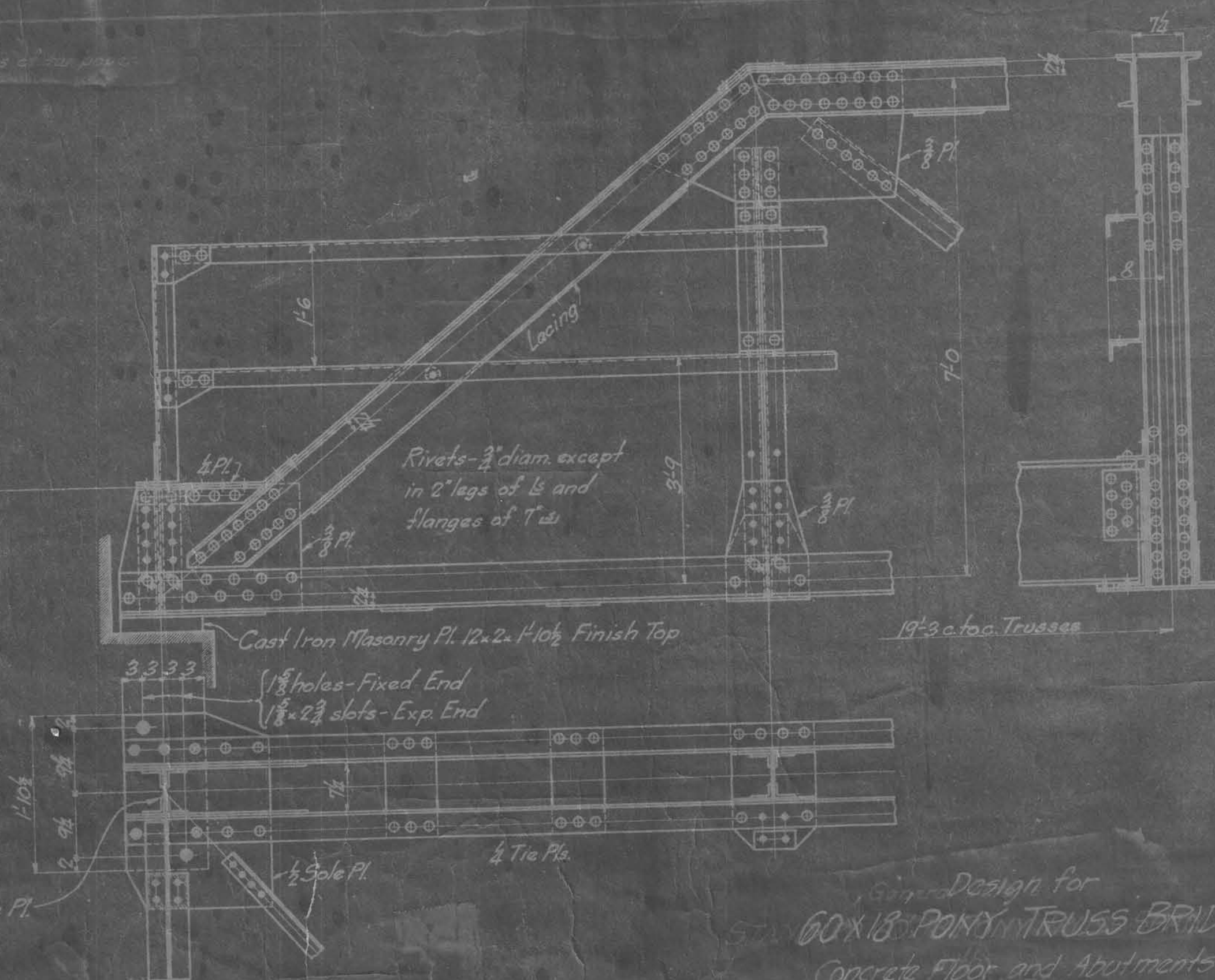
DETAILS OF CI DRAIN
 3 Required



Section Through End Floor Beams



1 1/2" Swedge Bolts - Hex Nuts Grouted in place.

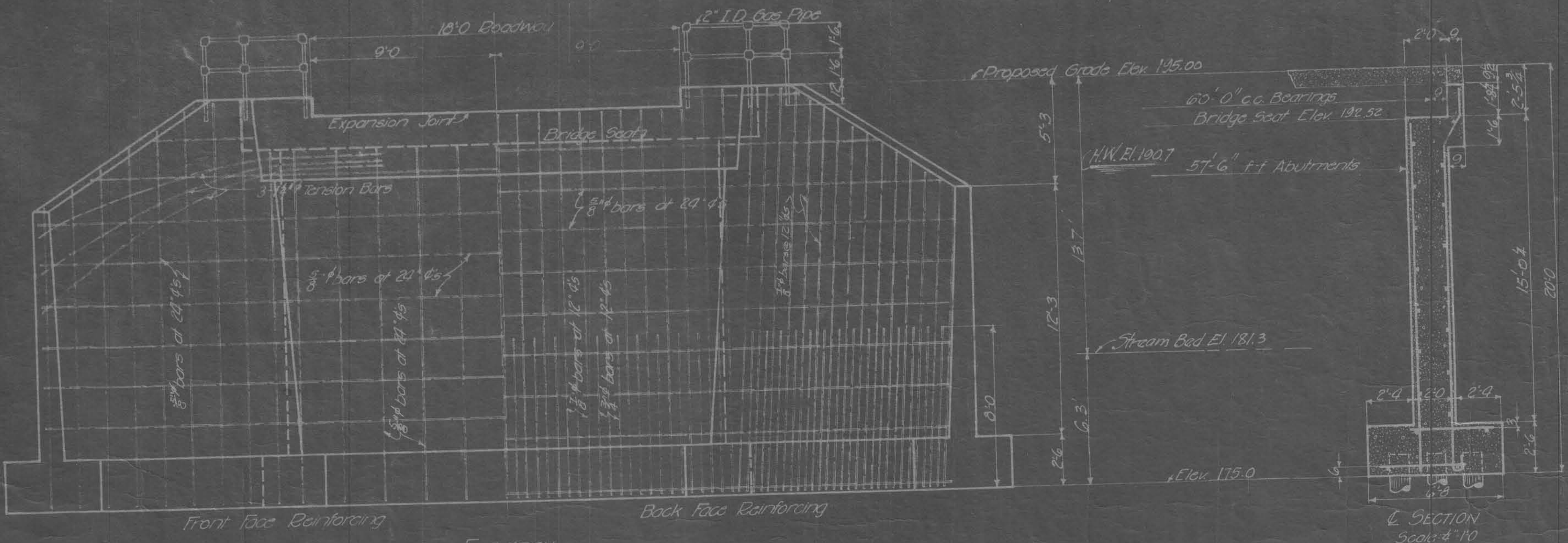


Diaphragm { 4x3-2x1/2 } Finish to bear on Sole Pl.

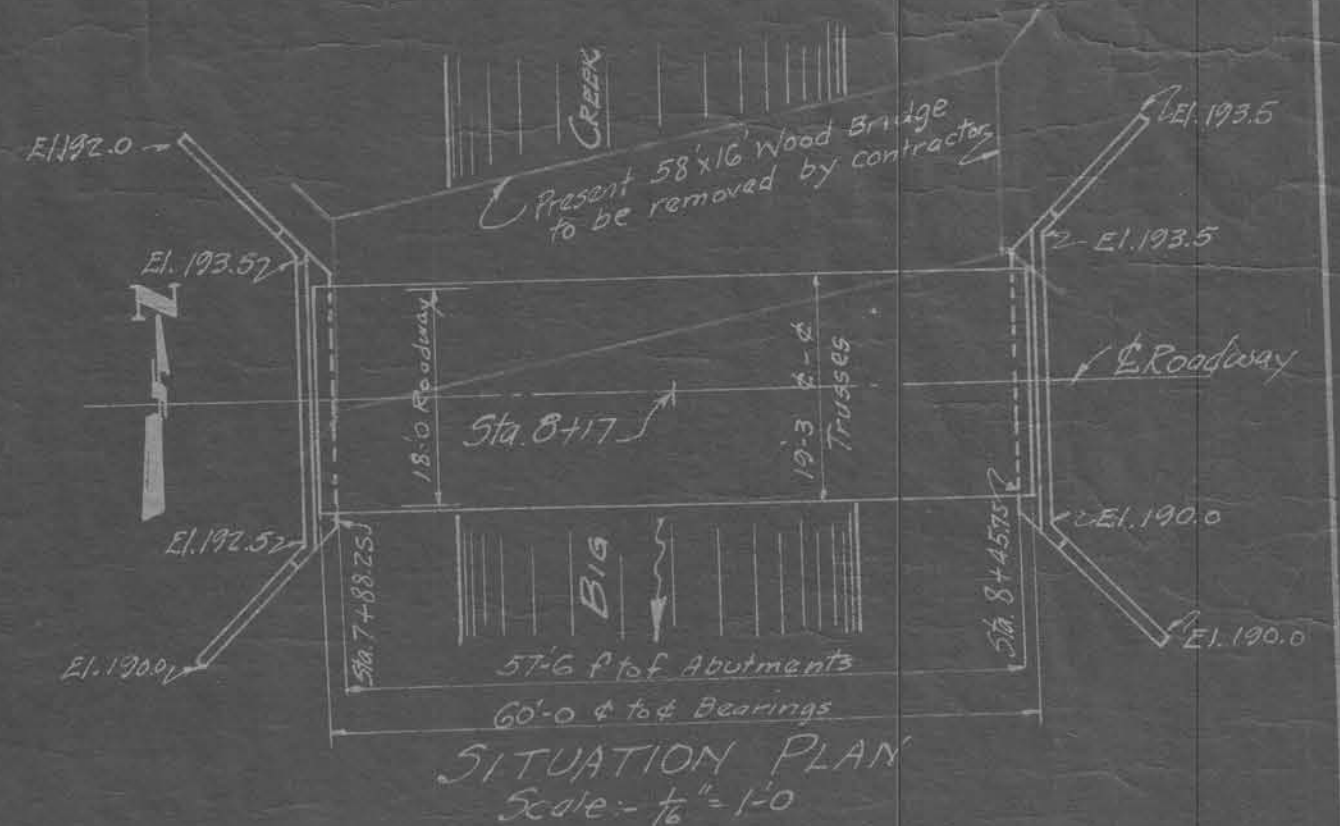
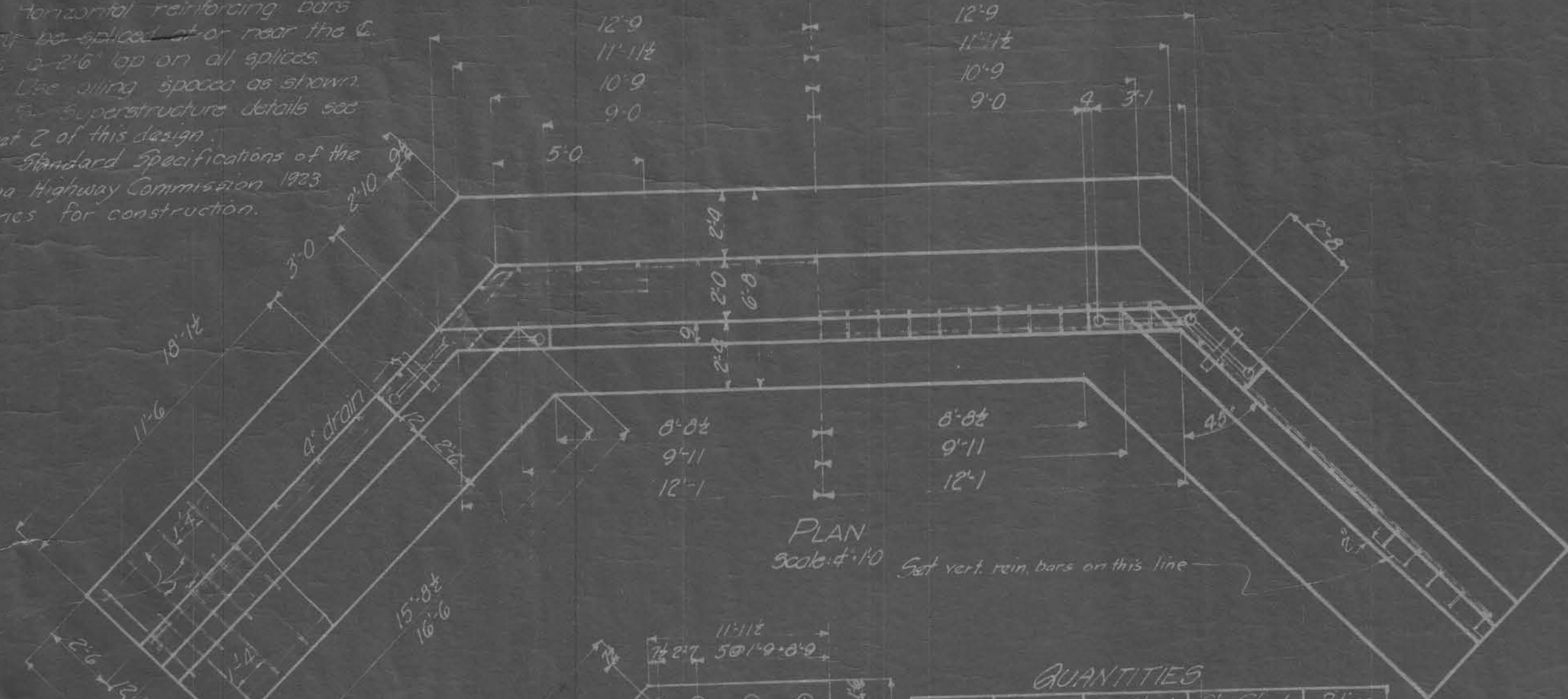
Bridge No. 27
 Over Big Creek
 Section 27
 Crawford County, Iowa

Design for
 STANDARD 60x18 PONY TRUSS BRIDGE
 Concrete Floor and Abutments
 SUPERSTRUCTURE DETAILS
 Iowa Highway Commission
 July 17, 1924
 Standard No. 2-5 Sheet 2 of 2
 Design No. 47 Crawford County

Bench Mark: Spike in 48" willow on N. road fence opposite E. end of present bridge Sta. 8+45 El. 190.98



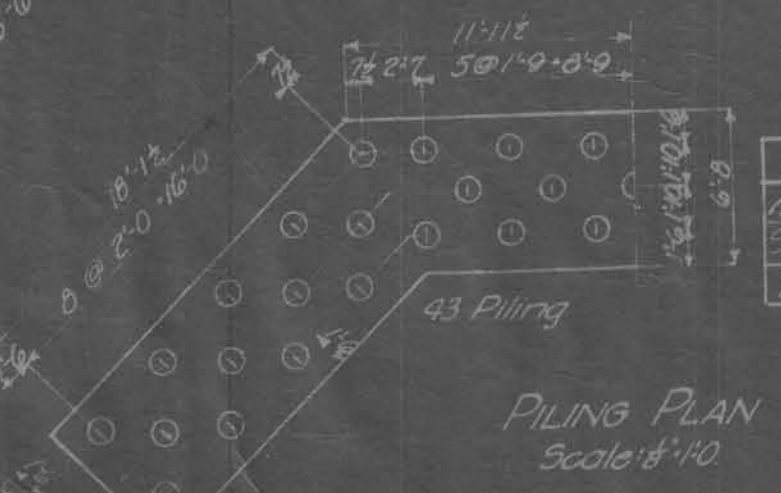
General Notes
Horizontal reinforcing bars shall be spliced at or near the C. Use a 2'-6" lap on all splices. Use galling spaces as shown. For superstructure details see sheet 2 of this design. Standard Specifications of the Iowa Highway Commission 1923 Series for construction.



QUANTITIES

Part	Conc.	Rn. Steel	Str. Steel	Piling
Abutments	176.0	104.50		86
Superst.	32.4	71.50	27200	
Totals	208.4	176.00	27200	86

Footings Bars
Transverse -
Top 3" bars @ 16" c/c
Bottom 3" bars @ 16" c/c staggered with top
Longitudinal -
4-3" bars



Design for
60'x18' PONY TRUSS BRIDGE
Concrete Floor and Abutments
ABUTMENT DETAIL

Iowa Highway Commission
July 18, 1924
Scale: 1/4" = 1'-0"

Bridge No.
Over Big Creek,
Section CT,
Goodrich Twp.
Crawford Co.