

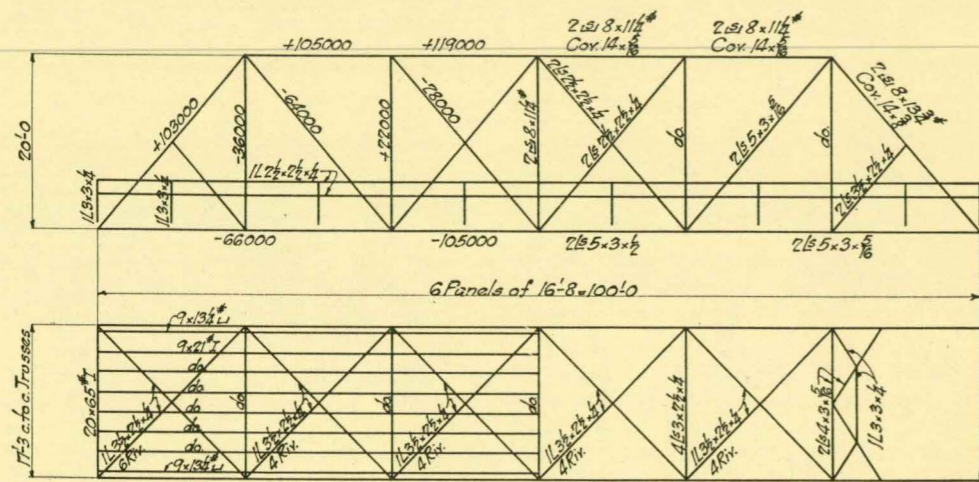
Thru Riveted Truss Spans

T SERIES

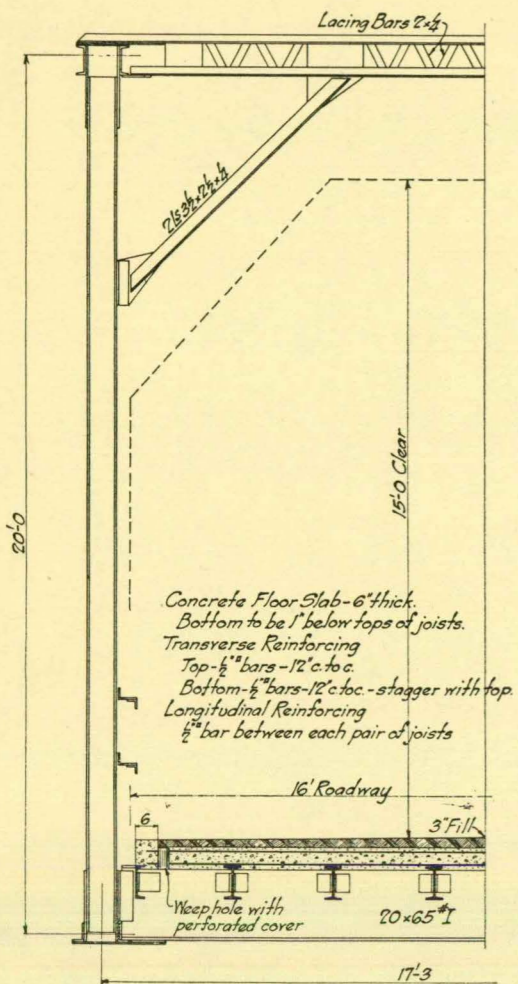
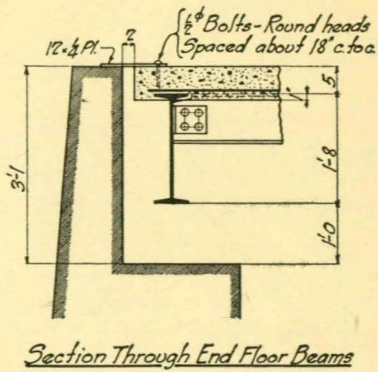
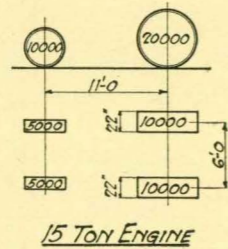
Iowa State Highway Commission

Standard Plans

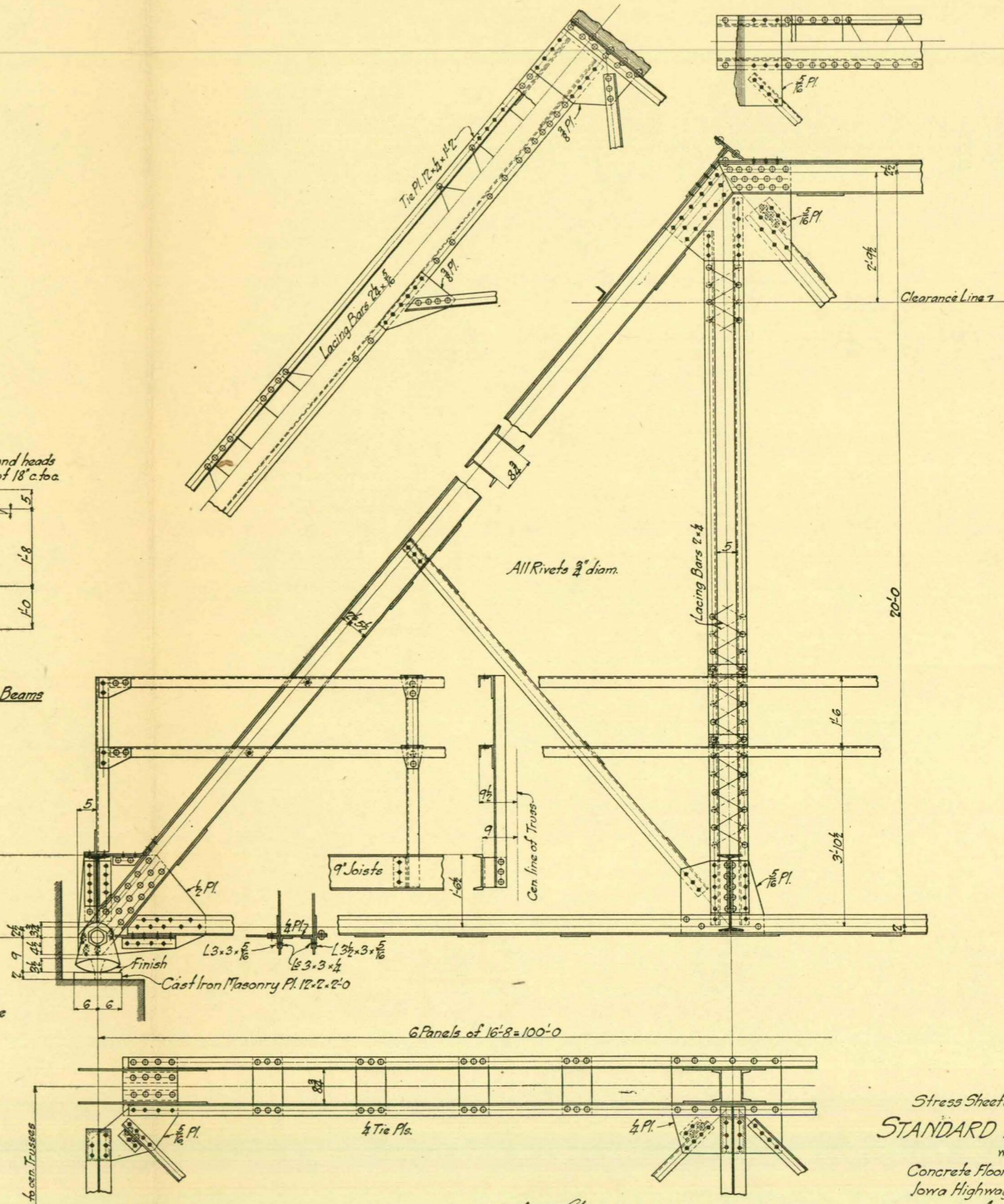
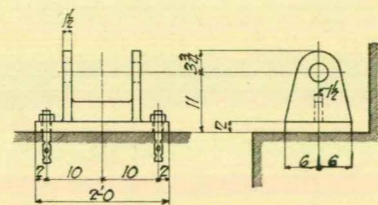
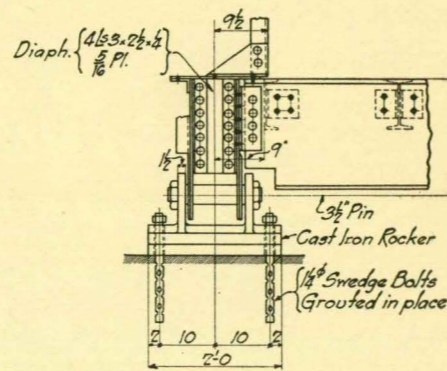
January 1, 1918



Assumed Loading:-
 Dead Load - 1175[#] per ft. of Truss
 Live Load - 90[#] per sq. ft. of
 Roadway or Engine as per diagram.
 Standard Specifications of
 the Iowa Highway Commission.



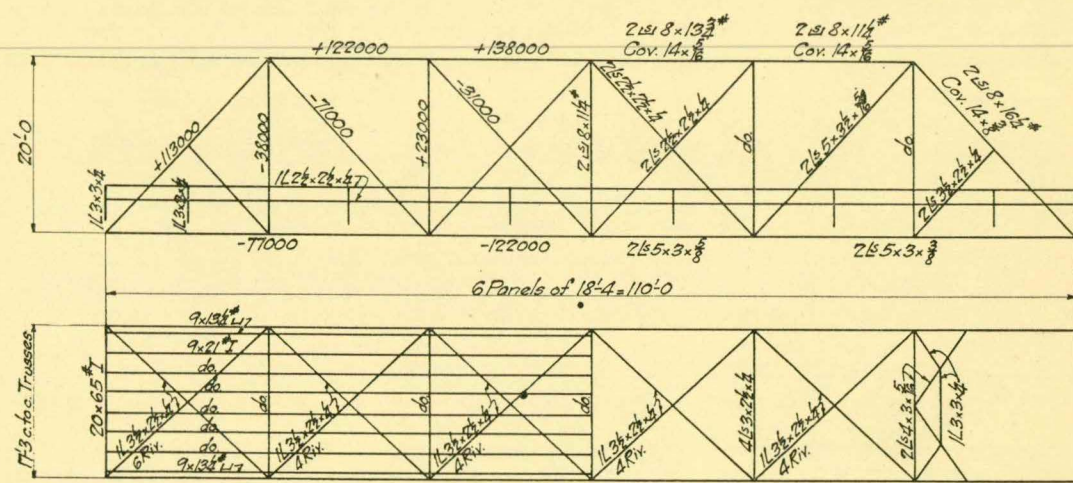
Concrete Floor Slab - 6" thick.
 Bottom to be 1" below tops of joists.
 Transverse Reinforcing
 Top - 1/2" bars - 12" c.c.
 Bottom - 1/2" bars - 12" c.c. - stagger with top.
 Longitudinal Reinforcing
 1/2" bar between each pair of joists

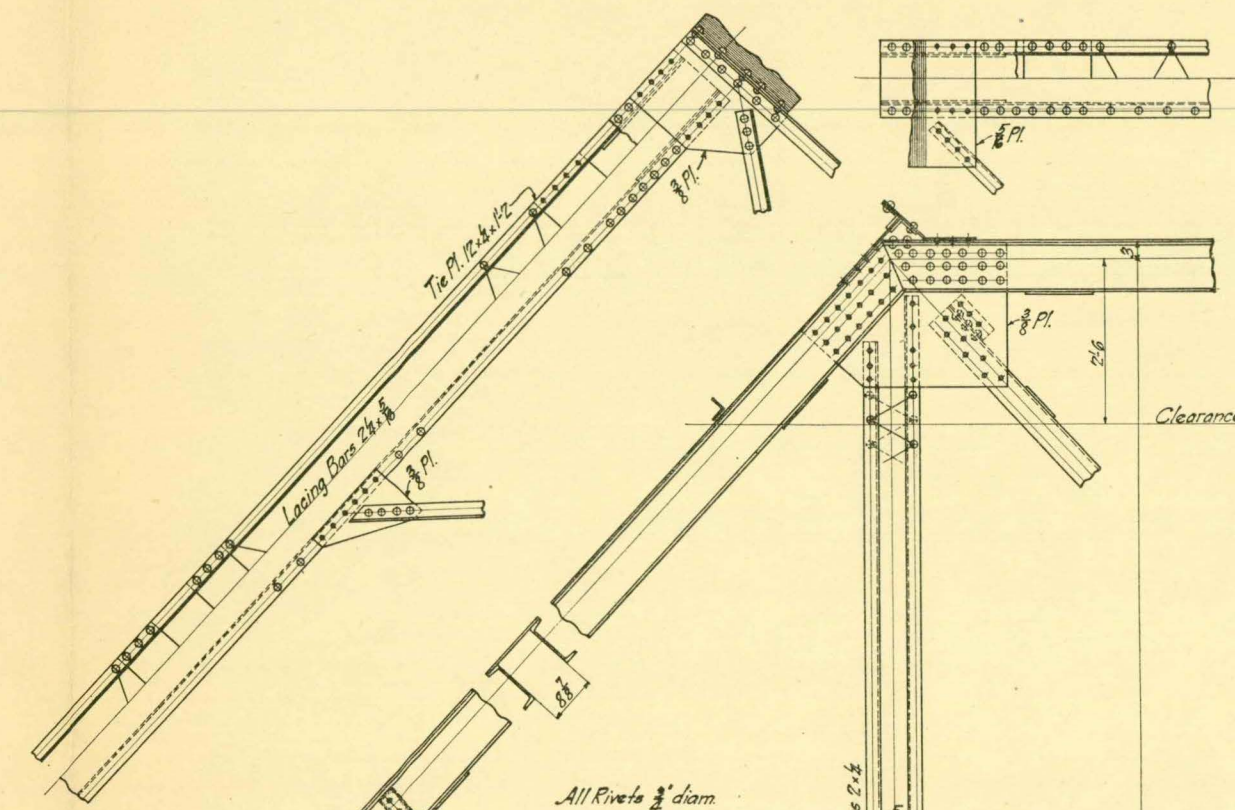
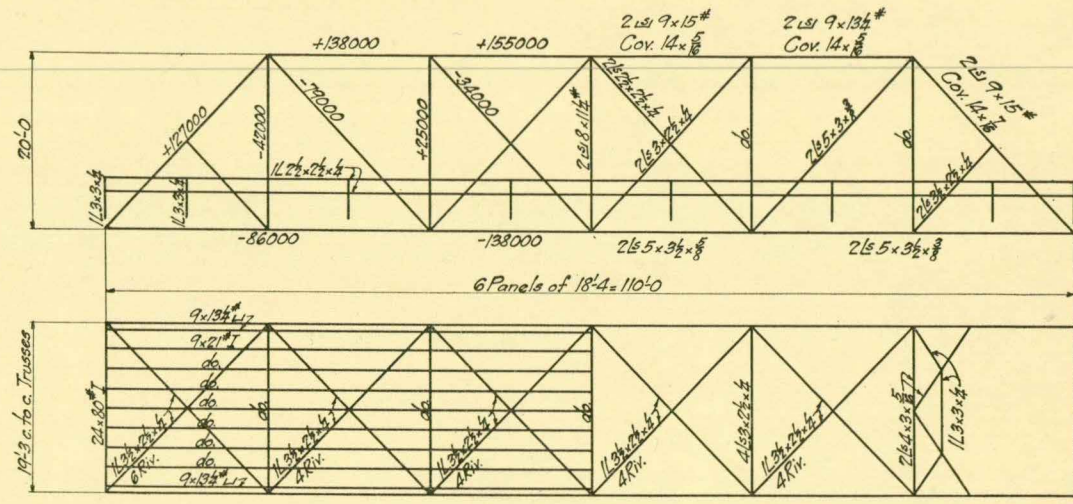


Approved:
John M. O'Connell
 Highway Engineer
J. C. Fishburn
 Consulting Bridge Engr.

Stress Sheet and General Details
STANDARD 100'x16' SPAN
 with
 Concrete Floor on Steel Joists
 Iowa Highway Commission
 Apr. 1st 1915

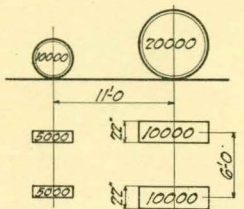
Series T - Standard No. 3 (T3)
 This plan supersedes all conflicting standards of prior date.



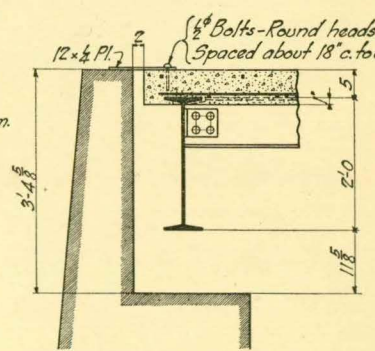


Assumed Loading -
 Dead Load - 1325[#] per ft. of Truss.
 Live Load - 80[#] per sq. ft. of
 Roadway or Engine as per diagram.

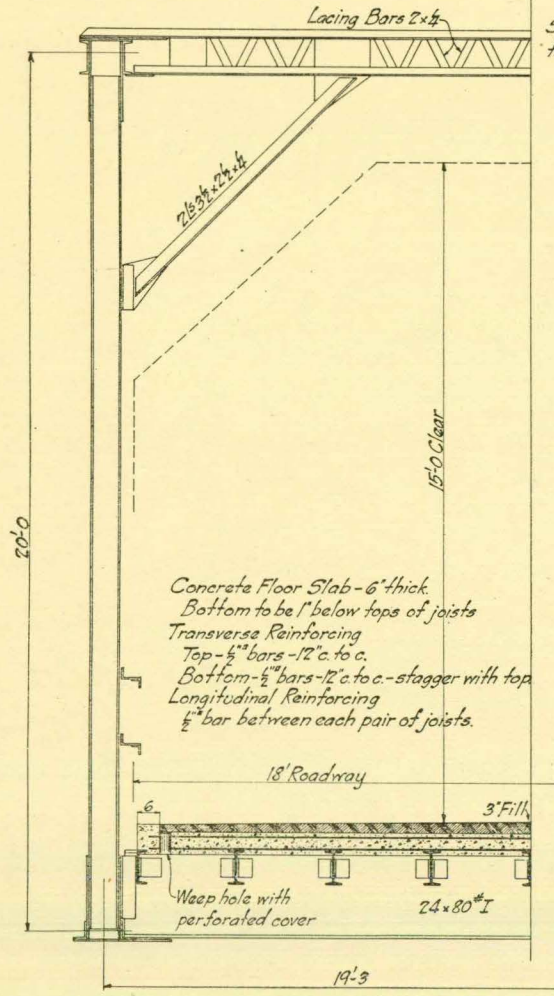
Standard Specifications of
 the Iowa Highway Commission.



15 TON ENGINE

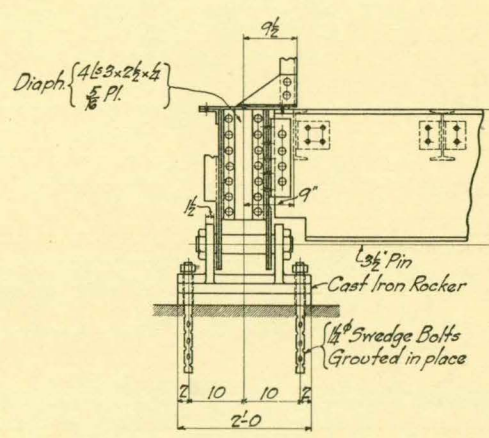


Section Through End Floor Beams.

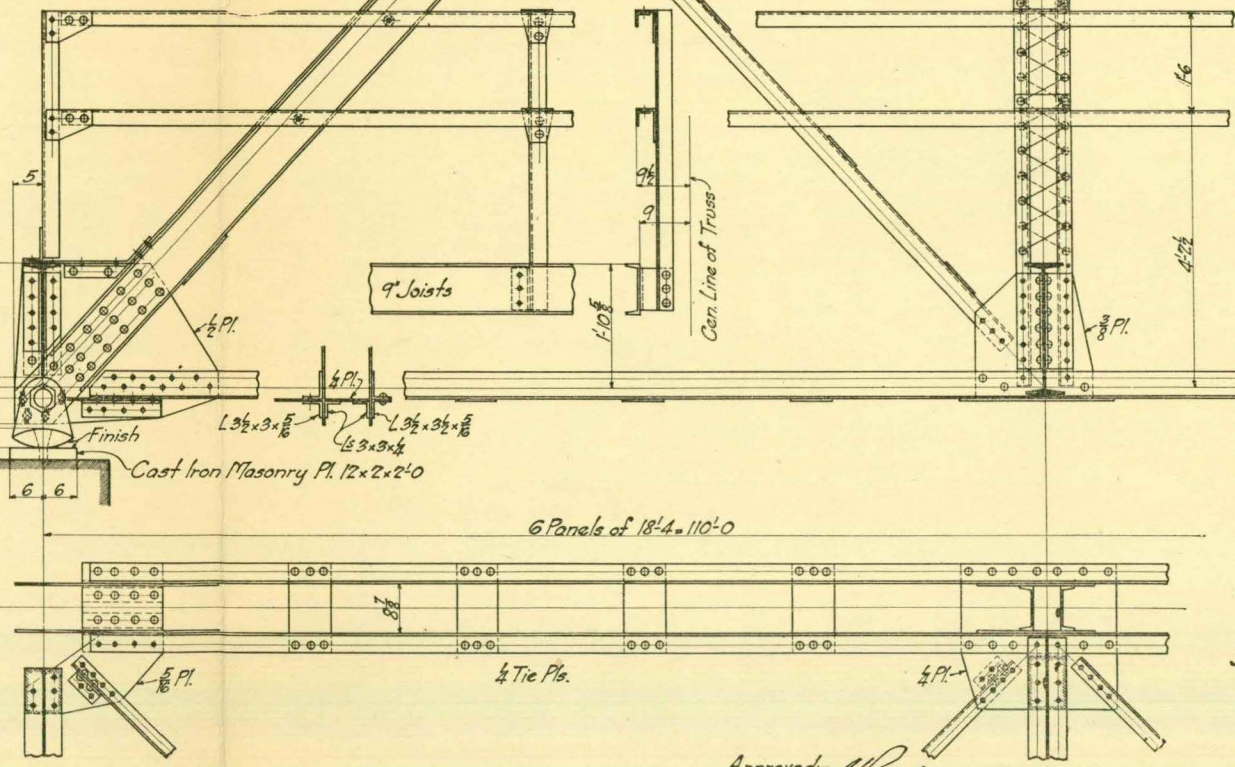


Concrete Floor Slab - 6' thick.
 Bottom to be 1' below tops of joists
 Transverse Reinforcing
 Top - 1/2" bars - 12" c.c.
 Bottom - 1/2" bars - 12" c.c. - stagger with top
 Longitudinal Reinforcing
 1/2" bar between each pair of joists.

HALF SECTION



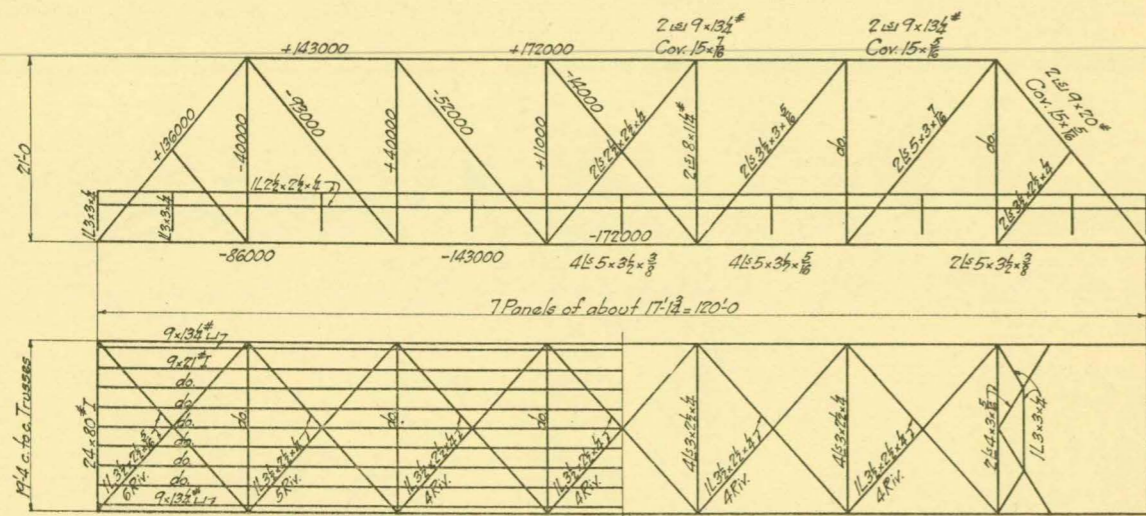
Cast Iron Shoes - Fixed End.



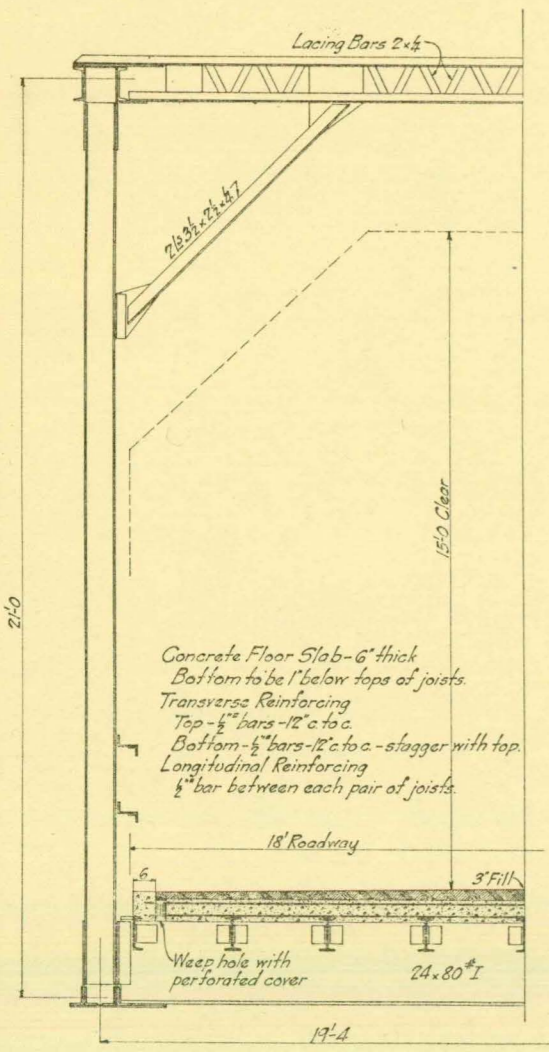
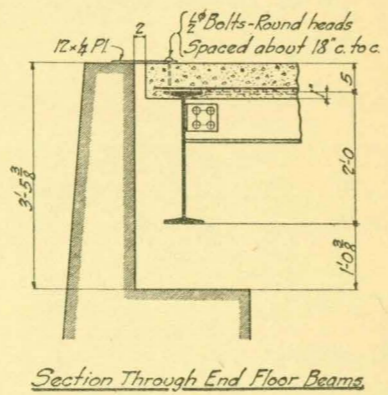
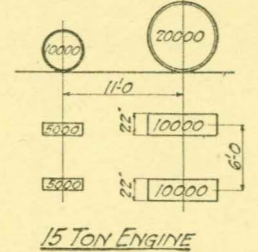
Approved: *W. H. ...*
 Chief Engineer
 O. S. ...
 Consulting Bridge Eng.

Stress Sheet and General Details
STANDARD 110'x18' SPAN
 with
 Concrete Floor on Steel Joists
 Iowa Highway Commission
 Oct. 1st 1916

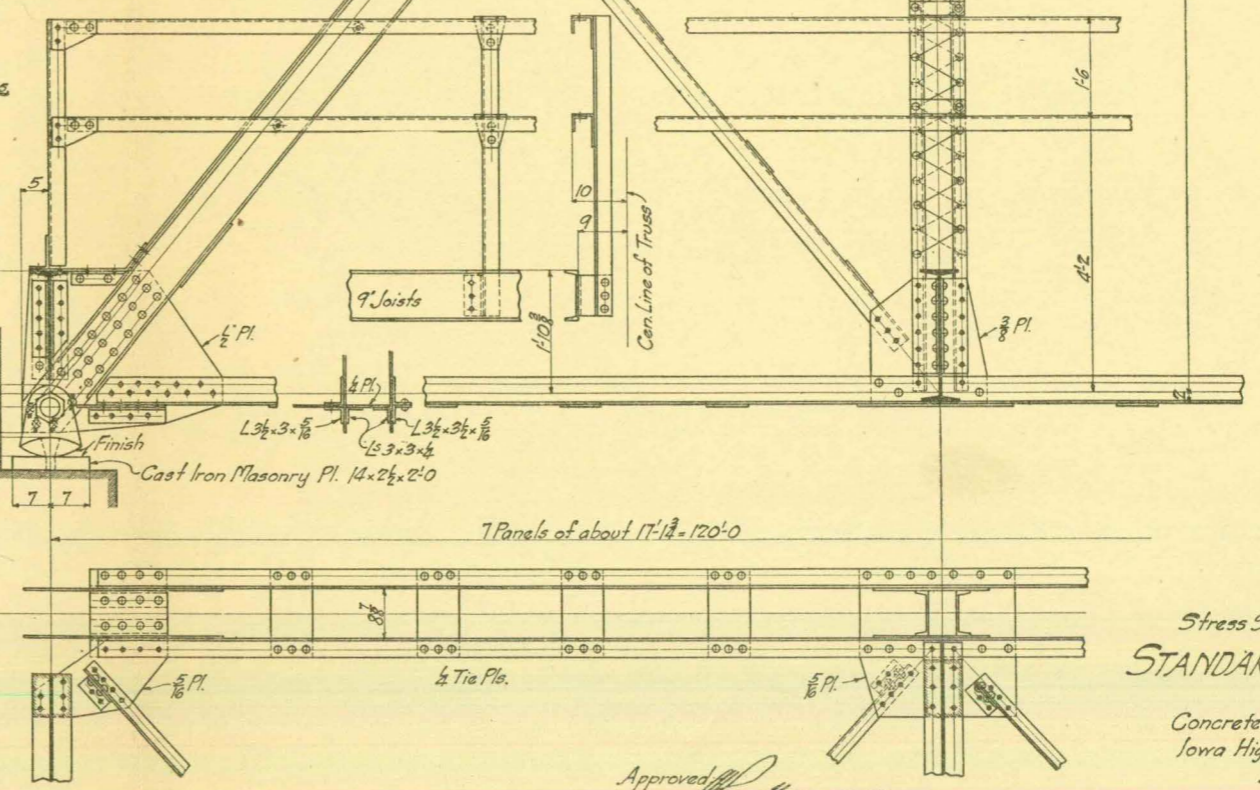
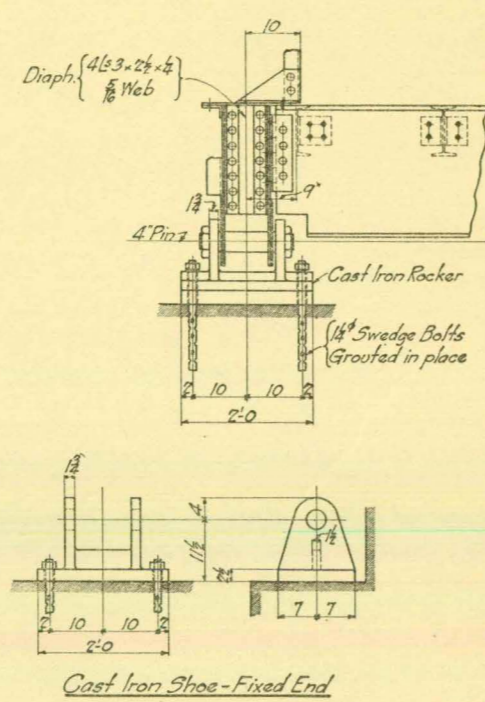
Series T - Standard No. 6 T6
 This plan supersedes all conflicting standards of prior date.



Assumed Loading -
 Dead Load - 1325# per ft. of Truss
 Live Load - 80# per sq. ft. of
 Roadway or Engine as per diagram.
 Standard Specifications of
 the Iowa Highway Commission.



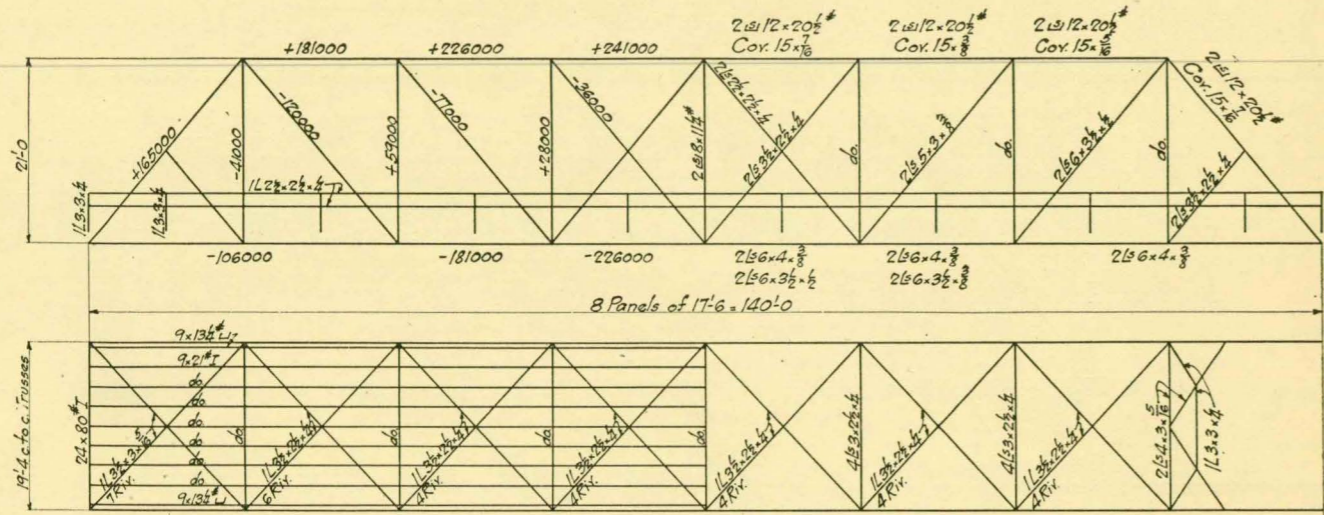
HALF SECTION



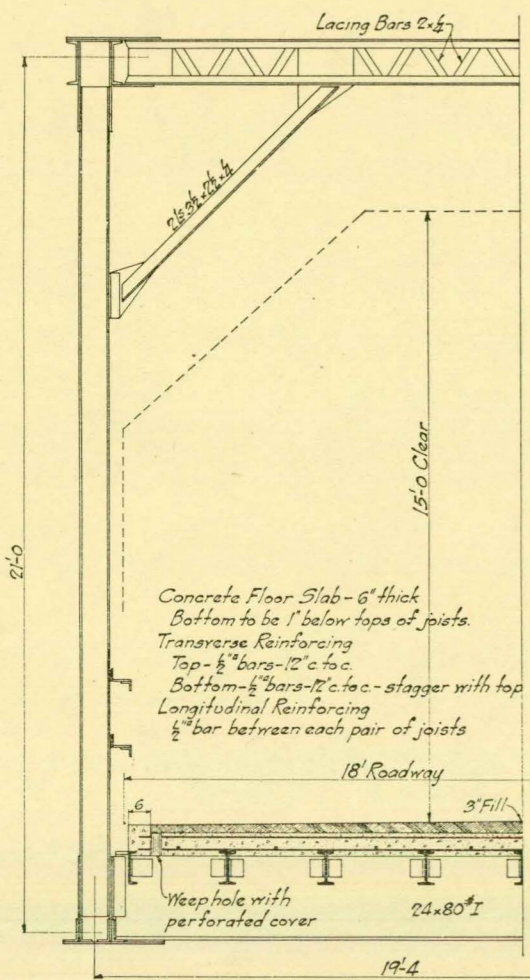
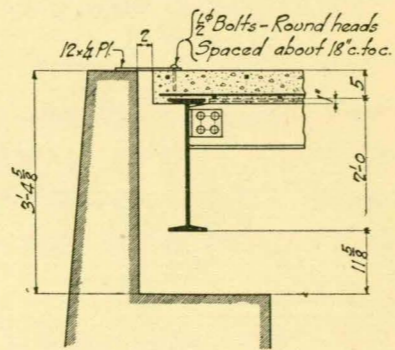
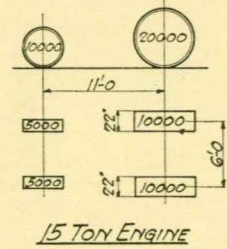
Approved
Markusson
 Chief Engineer
J. E. Johnson
 Consulting Bridge Engr.

Stress Sheet and General Details
STANDARD 120' x 18' SPAN
 with
 Concrete Floor on Steel Joists
 Iowa Highway Commission
 Sept. 1st 1916.

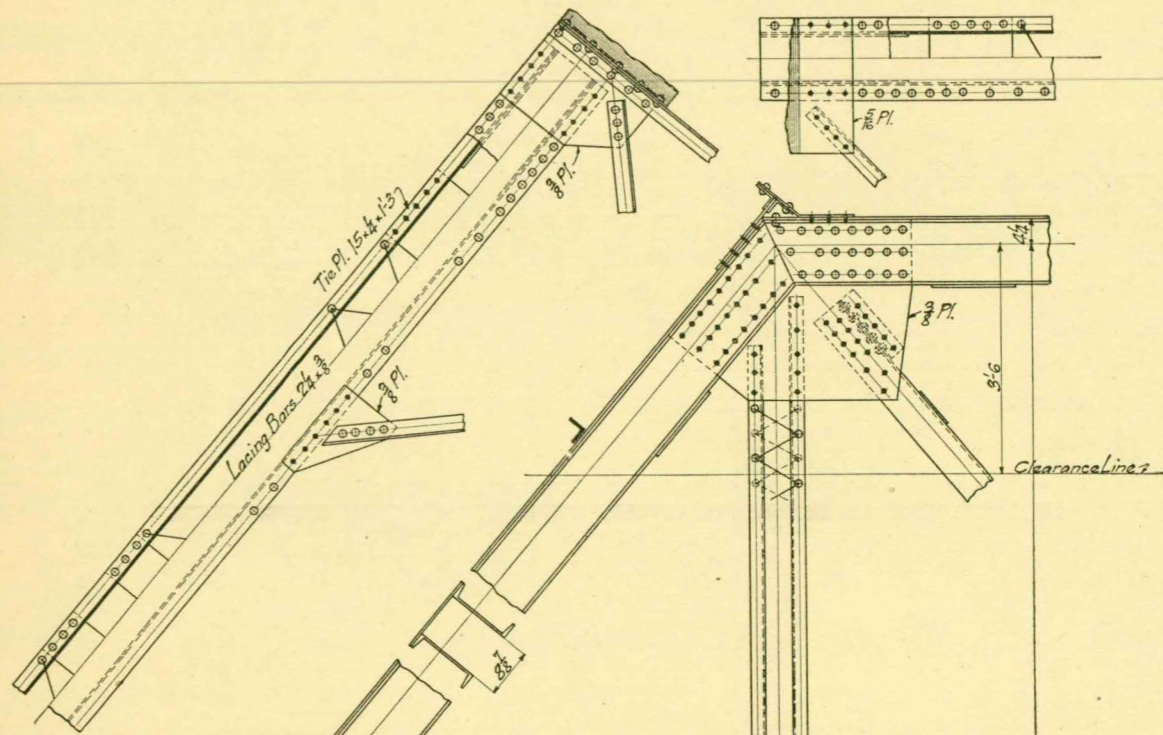
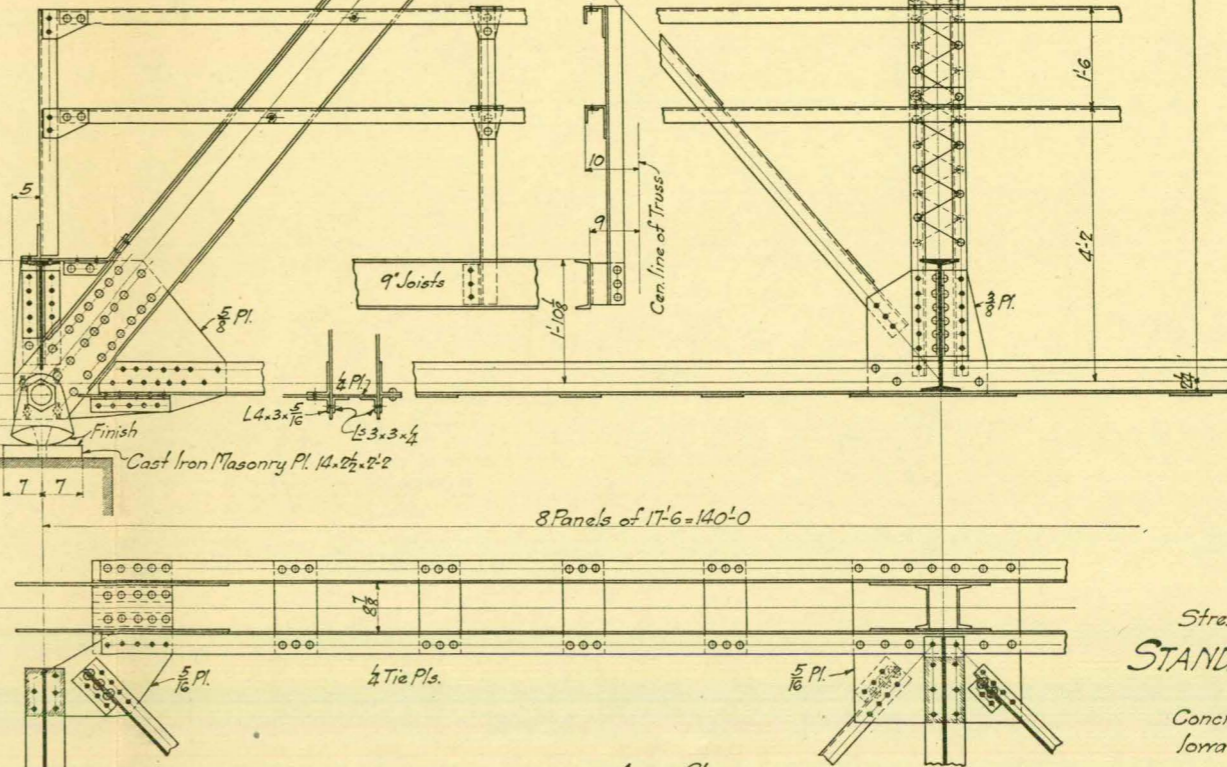
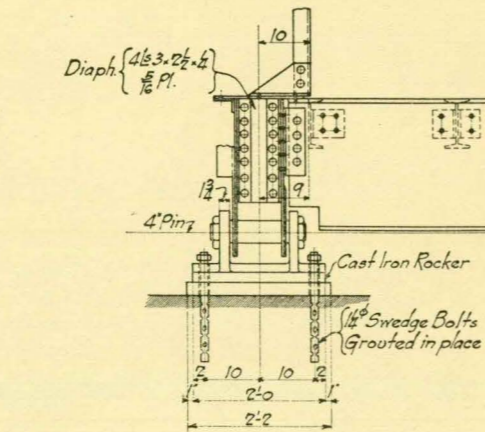
Series T - Standard No. 8 (T8)
 This plan supersedes all conflicting standards of prior date.



Assumed Loading:-
 Dead Load - 1350 per ft. of Truss
 Live Load - 80 per sq. ft. of
 Roadway or Engine as per diagram.
 Standard Specifications of
 the Iowa Highway Commission.



Concrete Floor Slab - 6" thick
 Bottom to be 1" below tops of joists.
 Transverse Reinforcing
 Top - 1/2" bars - 12" c to c.
 Bottom - 1/2" bars - 12" c to c - stagger with top
 Longitudinal Reinforcing
 1/2" bar between each pair of joists



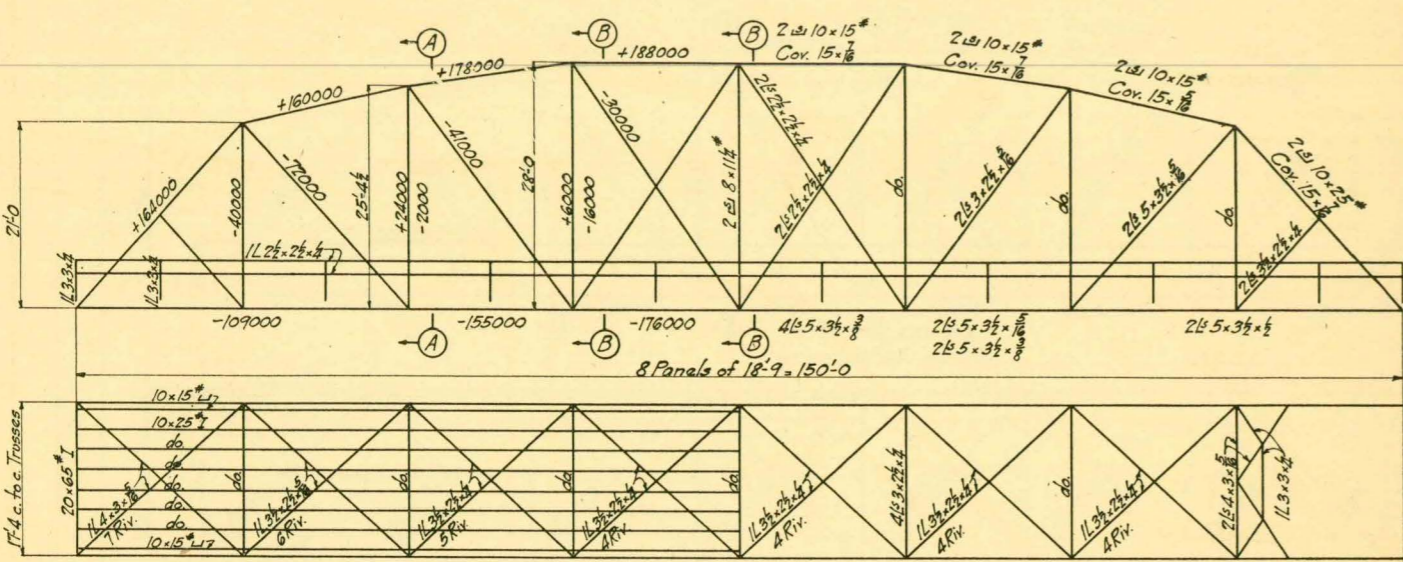
All Rivets 3/4 diam

Stress Sheet and General Details
STANDARD 140'x18' SPAN
 with
 Concrete Floor on Steel Joists
 Iowa Highway Commission
 Feb. 1st 1915

Approved:
Shelton
 Highway Engineer
J. C. Kirkham
 Consulting Bridge Engr.

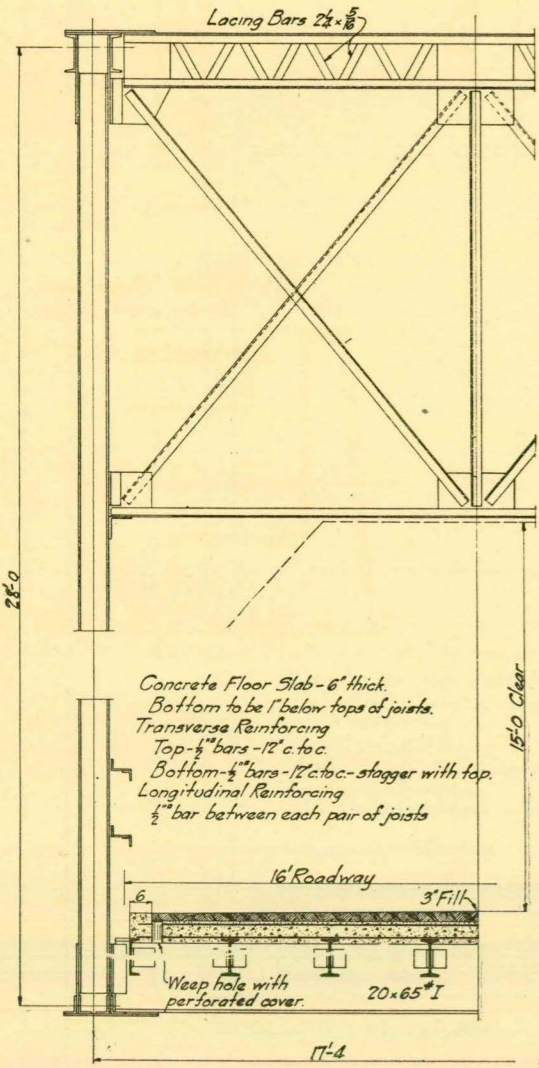
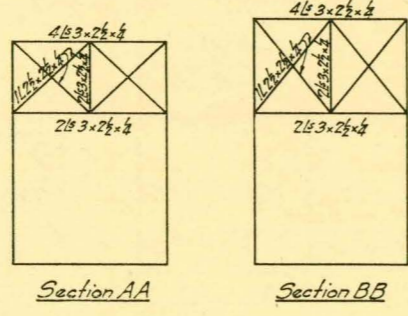
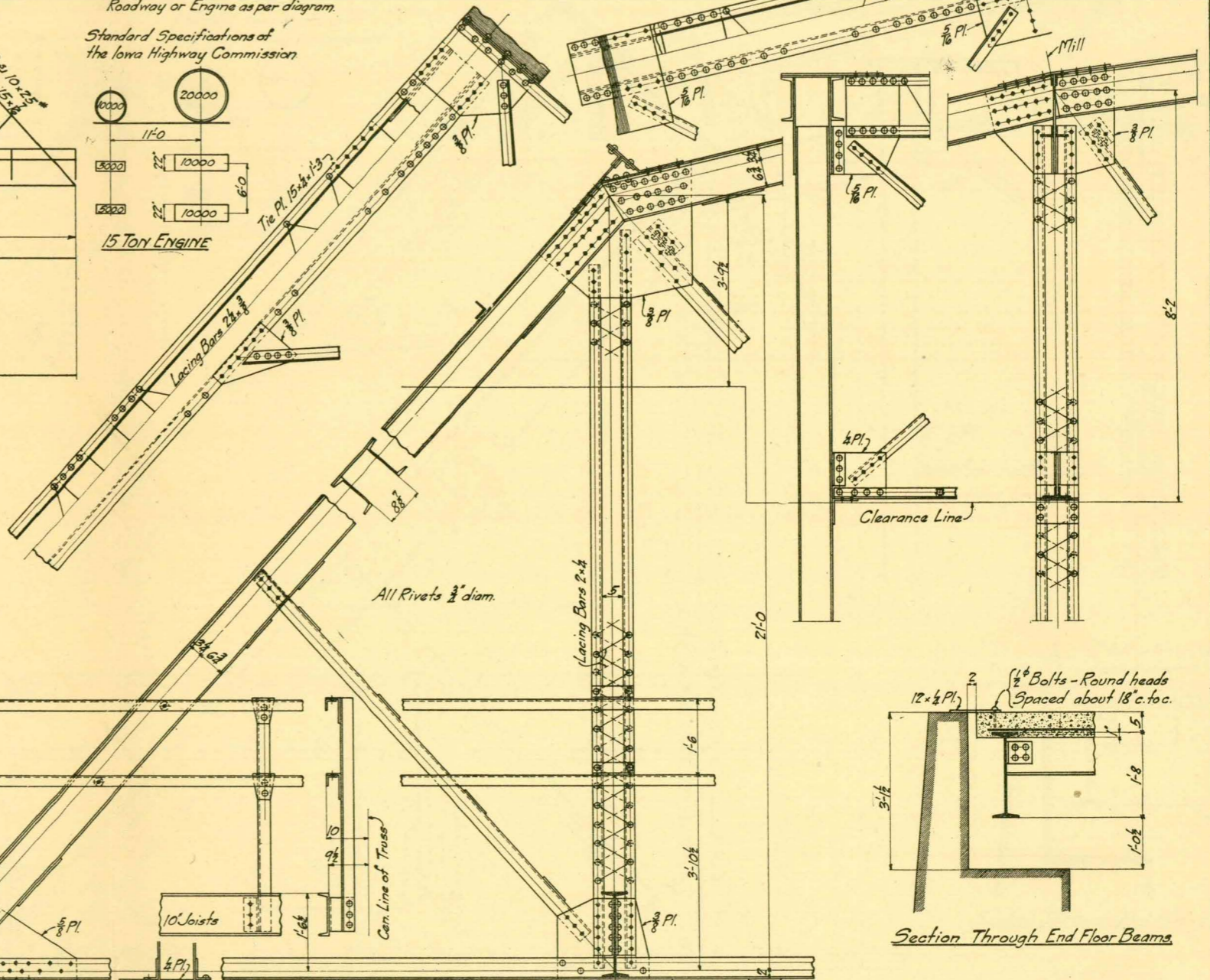
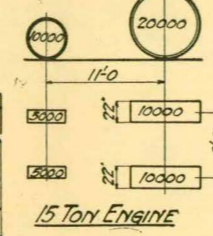
Series T - Standard No. 12 (12)

This plan supersedes all conflicting standards of prior date.

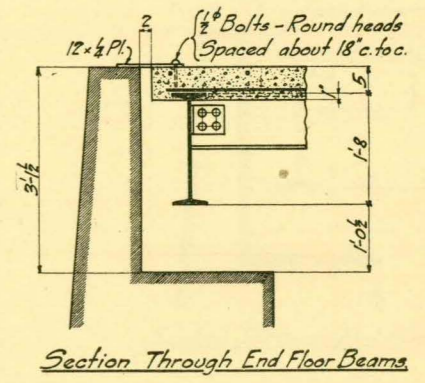
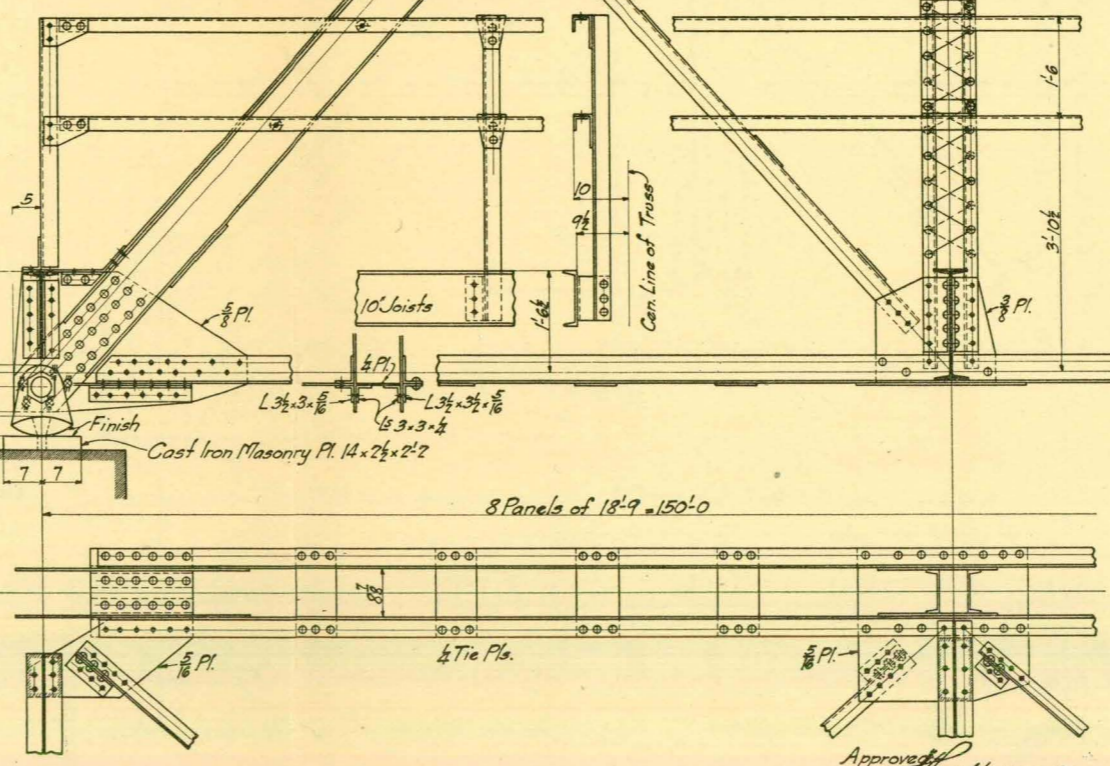
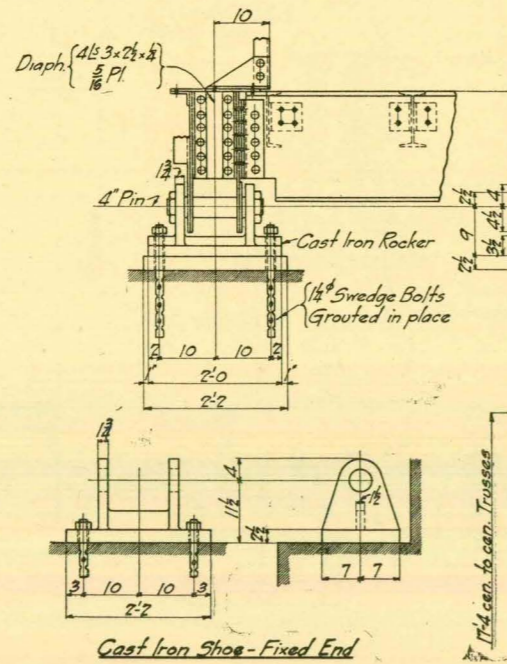


Assumed Loading-
 Dead Load - 1225' per ft of Truss
 Live Load - 80' per sq. ft. of
 Roadway or Engine as per diagram.

Standard Specifications of
 the Iowa Highway Commission



Concrete Floor Slab - 6" thick.
 Bottom to be 1' below tops of joints.
 Transverse Reinforcing
 Top - 1/2" bars - 12" c to c.
 Bottom - 1/2" bars - 12" c to c - stagger with top.
 Longitudinal Reinforcing
 1/2" bar between each pair of joists



Stress Sheet and General Details
STANDARD 150' x 16' SPAN
 with
 Concrete Floor on Steel Joists
 Iowa Highway Commission
 Nov. 1st 1917

Approved
W. H. Howard
 Chief Engineer
J. C. Parkers
 Consulting Bridge Engr.

Series T - Standard No. 13 (T13)
 This plan supersedes all conflicting standards of prior date.

STATE LIBRARY OF IOWA



3 1723 02103 6009