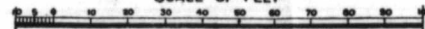
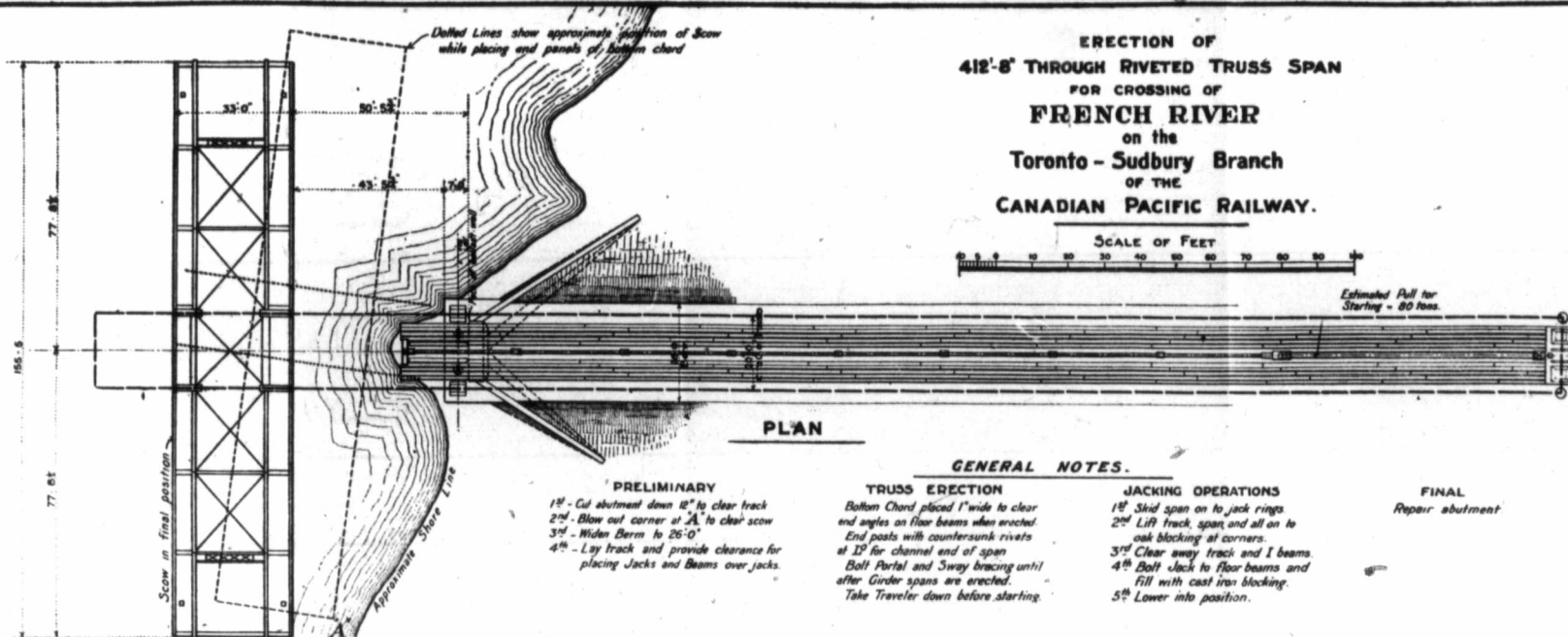


ERECTION OF
412'-6" THROUGH RIVETED TRUSS SPAN
FOR CROSSING OF
FRENCH RIVER
on the
Toronto - Sudbury Branch
OF THE
CANADIAN PACIFIC RAILWAY.

SCALE OF FEET



Estimated Full for
Starting - 80 tons.



PLAN

154'-7" Single track THROUGH RIVETED TRUSS SPAN
Built for Wapiti River Bridge
to be used first as erection truss for
French River Bridge

Truss to be bolted and assembled complete
with the following exceptions:-

Pier members	Mk	Mk-I'
4 Collision struts	S02	
2 Inside stringers	S0L	
2	S0L	
10	S1'	
4 Stringer diaphragms	S3'	
4	S3'	

This material to be
shipped direct to site
of Wapiti R. Bridge

PRELIMINARY

- 1st - Cut abutment down 12" to clear track
- 2nd - Blow out corner at 'A' to clear scow
- 3rd - Widen Berms to 26'-0"
- 4th - Lay track and provide clearance for placing Jacks and Beams over jacks.

GENERAL NOTES.

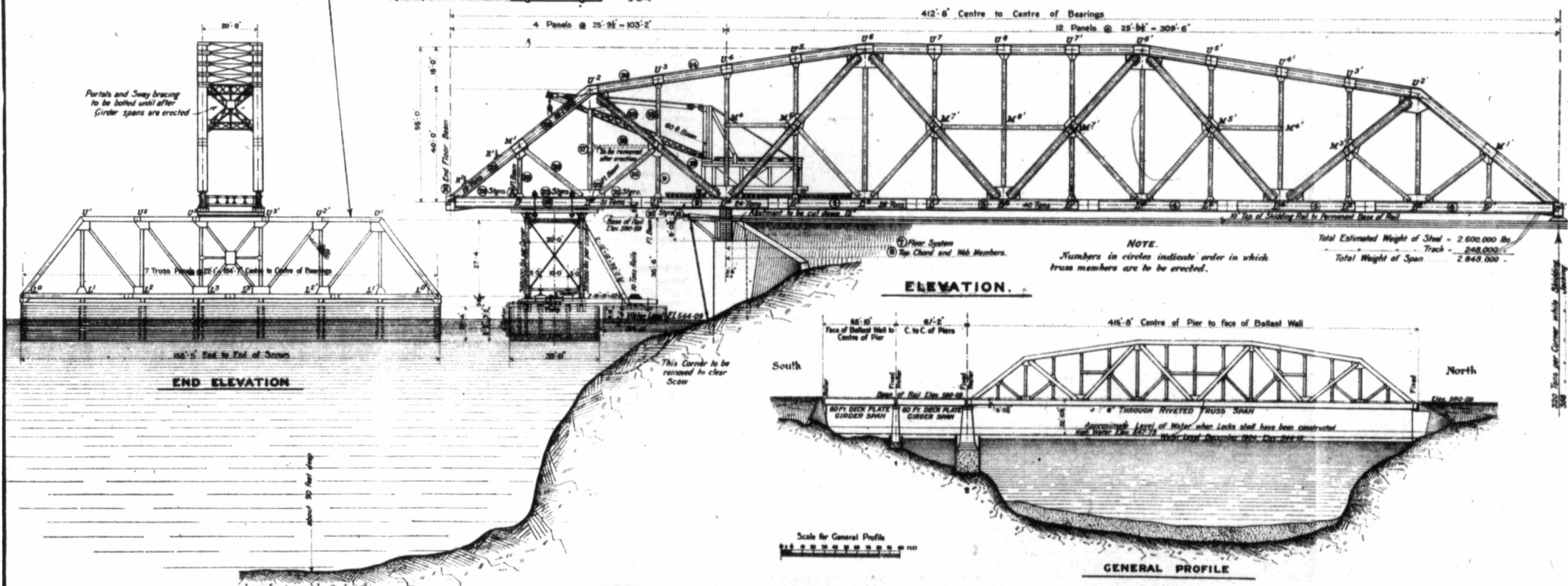
TRUSS ERECTION

- Bottom Chord placed 1" wide to clear end angles on floor beams when erected
- End posts with countersunk rivets at 12" for channel end of span
- Bolt Portal and Sway bracing until after Girder spans are erected.
- Take Traveler down before starting.

JACKING OPERATIONS

- 1st - Skid span on to jack rings
- 2nd - Lift track, span, and all on to oak blocking at corners
- 3rd - Clear away track and I beams
- 4th - Bolt slack to floor beams and fill with cast iron blocking.
- 5th - Lower into position.

FINAL
Repair abutment



ELEVATION.

NOTE.

Numbers in circles indicate order in which truss members are to be erected.

Total Estimated Weight of Steel - 2,600,000 lbs.
Track - 2,448,000
Total Weight of Span - 2,848,000

GENERAL PROFILE