

CITY ENGINEER'S OFFICE

HARTFORD, CONN.

SIZE AND SECTION SHEET

Est. No. 1

Sheet No. 44 Dr. 34

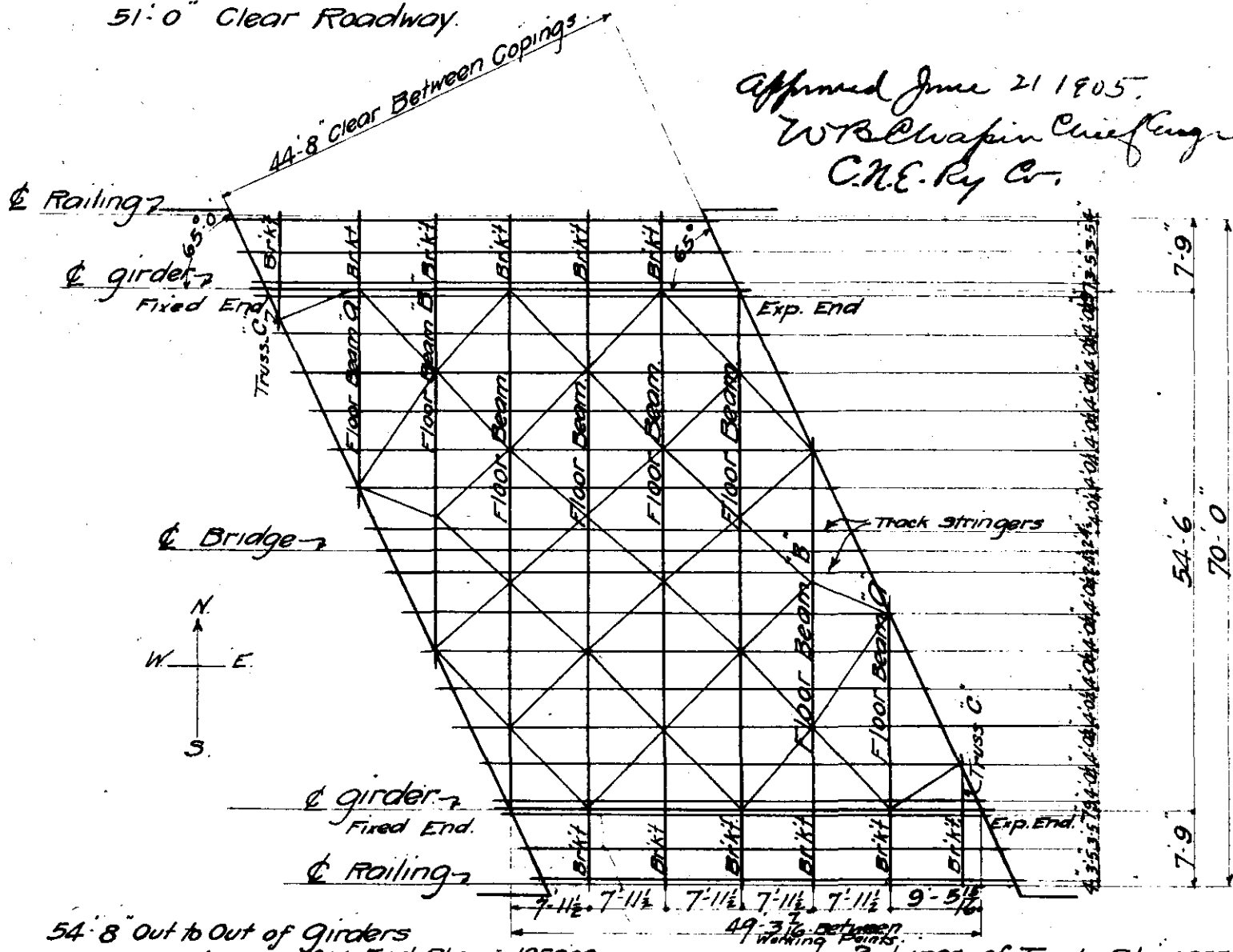
Drawing No.

For Bridge at Albany Ave Over tracks of
C.N.E. Branch of N.Y.N.H. & H.R.R. Co.

Frederick L Ford City Engineer

51'-0" Clear Roadway.

Approved June 21 1905.
W.B. Chapin Chief Engineer
C.N.E. Ry. Co.



54'-8" Out to Out of Girders

For girder Max. End Shear 195,000.
Max. Flg. Strain 357,000.

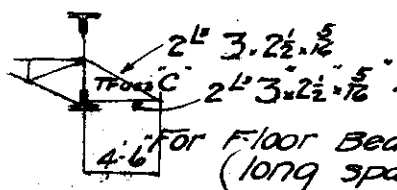
2 Lines of Track Stringers
Each Stringer 1 12" 3 1/2" I.

Girder Section { Web 72" x 3/8"
Top flange { 2 L 6" 6" x 7/8" continuous.
1 Pl. 14" x 3/8" 38"
1 Pl. 14" x 5/8" 31"
1 Pl. 14" x 1/2" 21"

Bottom flange same section
as top flange.

Roadway Stringers
11 Lines of 9" 20" I.
2 Lines of 9" 13 1/2" I.

2 Sidewalks.
2 Lines 6" 8" stringers
Each Walk. 1 Line 6" 12 1/2" I.



For Floor Beams (long span) { Max. End Shear 56,000.
Max. Flg. Str. 240,000.

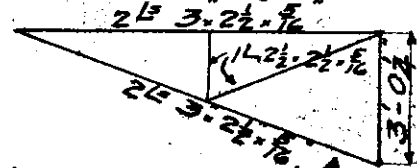
Section { Web 36" x 3/8"
4 L 6" 6" x 7/8" 51" (Top)
1 Cor. 12" x 3/4" 54" (Bottom)
2 Cor. 14" x 1/2" 22"

Floor Beams A

Section { Web 24" x 3/8"
4 L 4" 3" x 3/8"

For Floor Beams B { Web 24" x 3/8"
4 L 6" 6" x 7/8" 7"
2 Pls. 14" x 3/8" 22"
2 Pls. 14" x 1/2" 22"

Bottom Laterals. Each diagonal 1 L 3" 2 1/2" x 5/8" in connection with this sheet also for List of Masonry Plates



Sidewalk Bracket