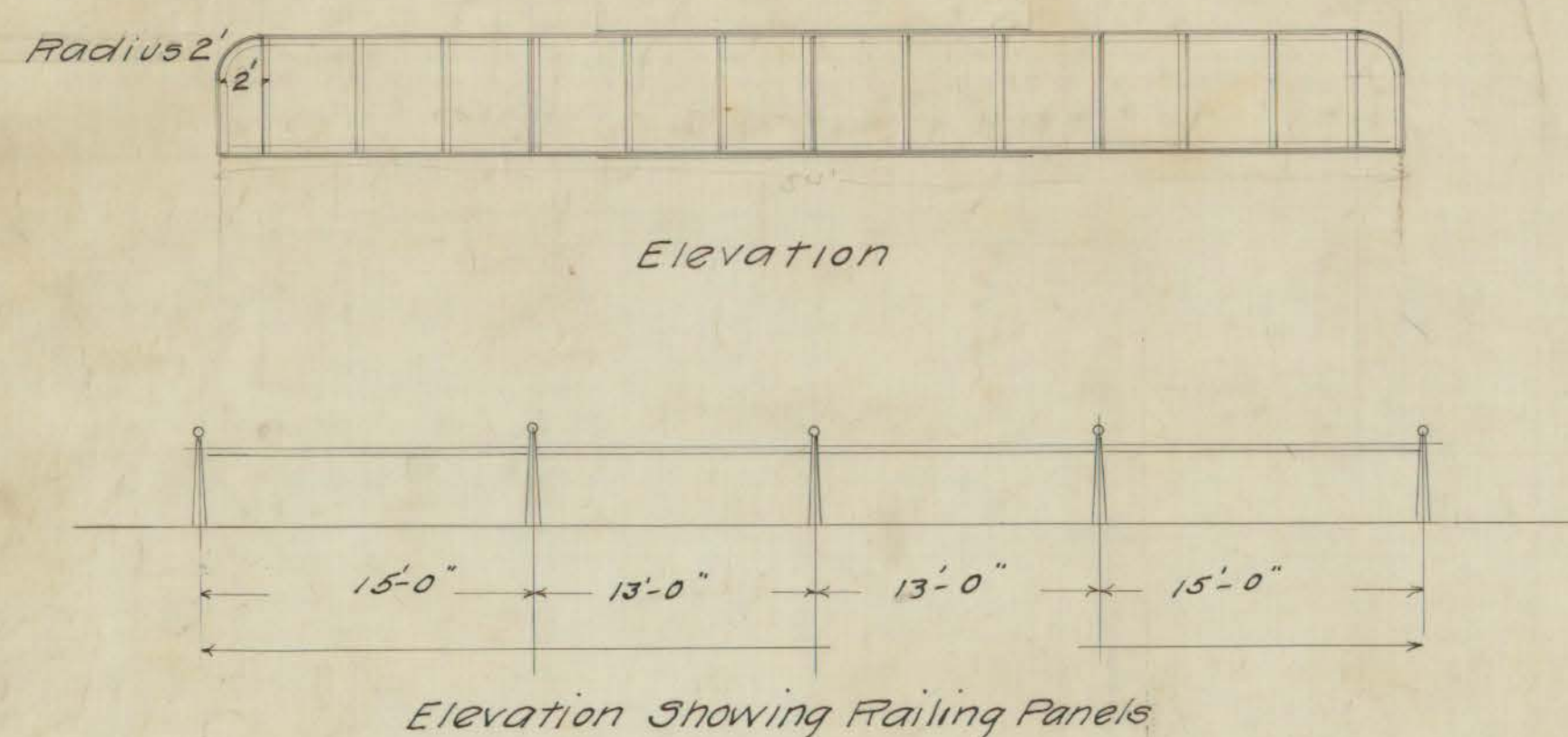
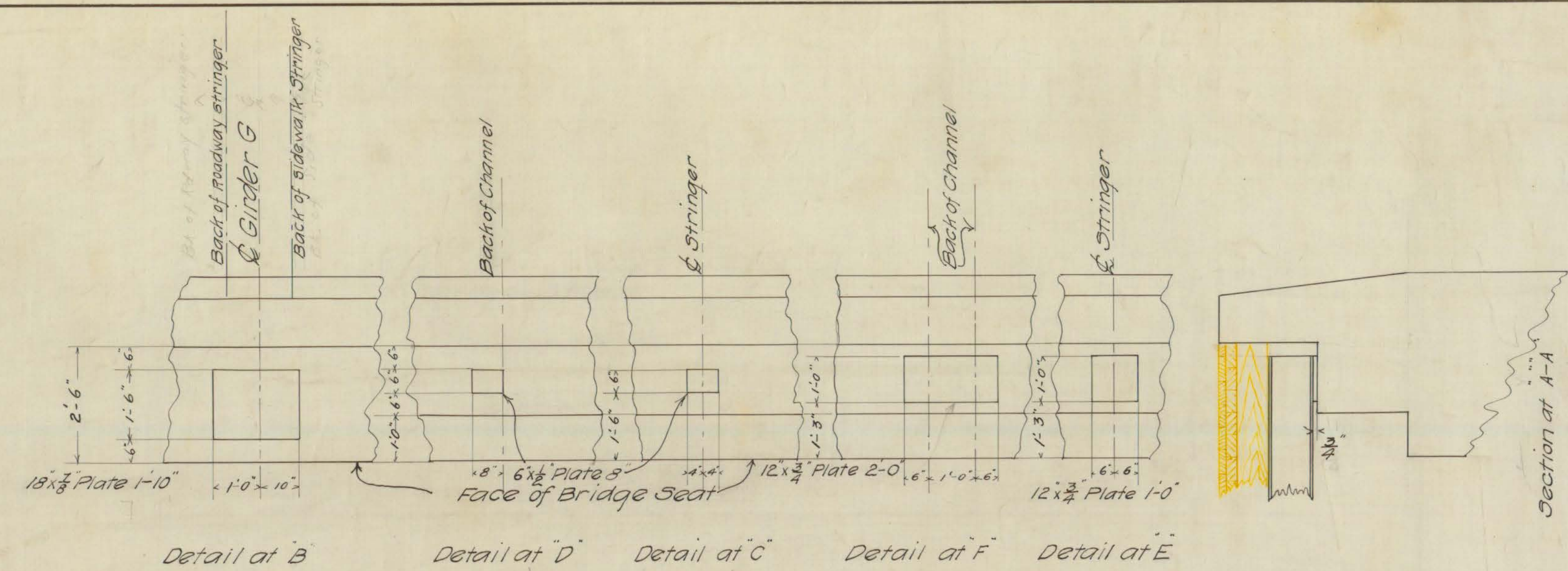
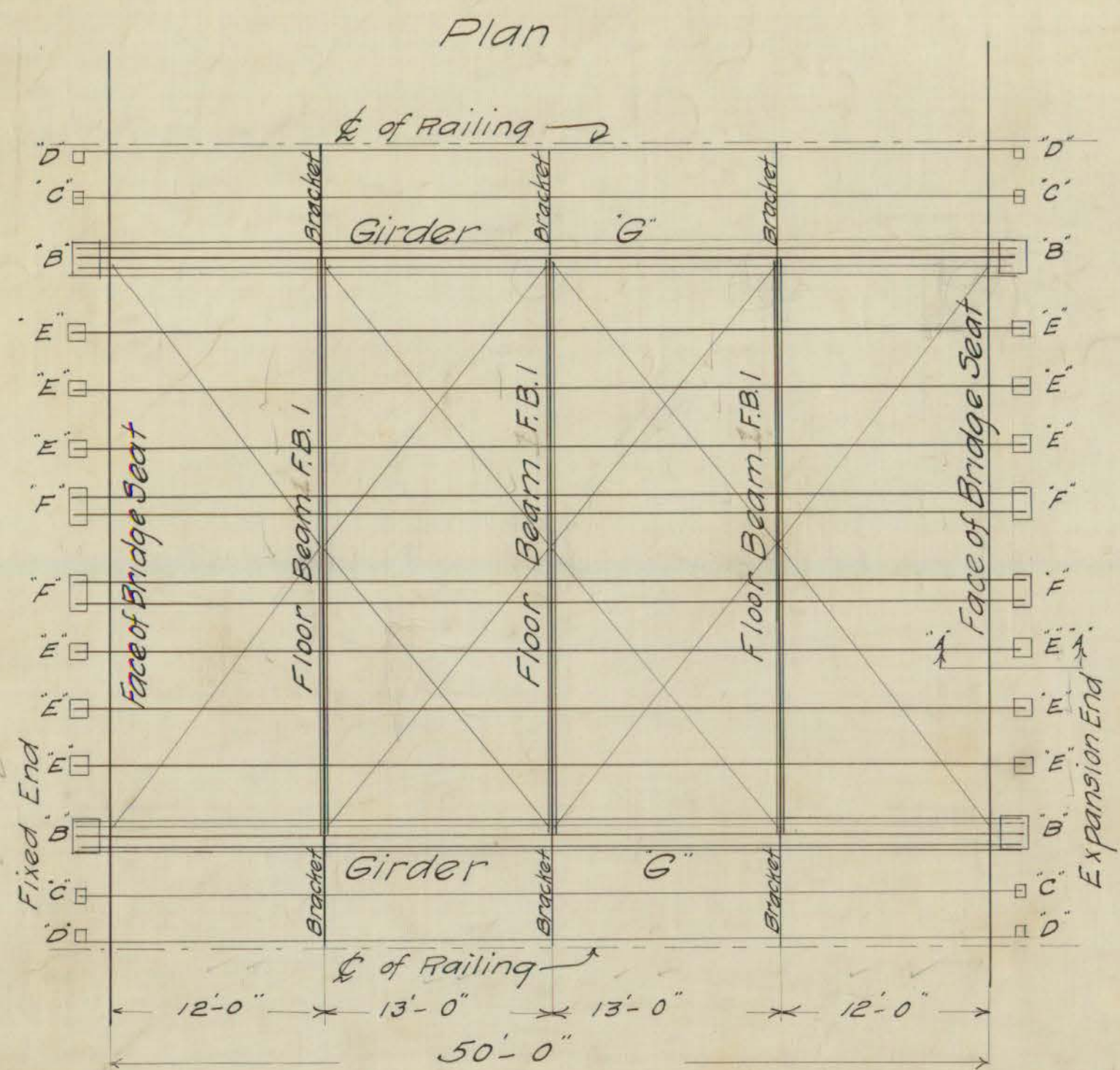




Girder "G" Max. End Shear 100,000
 Max. Flange Strain 284,500
 Web $66 \times \frac{3}{8}$ continuous.
 Top flange $2 \times 6 \times \frac{5}{8}$ continuous.
 One Cover Plate $14 \times \frac{3}{8}$
 One Cover Plate $14 \times \frac{3}{8}$ 20' lg.
 Top and Bottom Flanges alike

For Details of Railing see drawing.
 Shop Paint
 Field Paint
 See Specifications in connection with this plan.

Floor Beam F.B.1 Max. End Shear 58,000
 Max. Flange Strain 187,000
 Web $36 \times \frac{3}{8}$ continuous.
 4 $6 \times 6 \times \frac{1}{2}$
 2 Cover Pls. $14 \times \frac{3}{8}$

Roadway Stringers
 6 Lines of $12-40 \times \frac{7}{8}$ continuous.
 6 Lines of $12-20 \times \frac{1}{2}$

Sidewalk Stringers
 2 Lines $7-15 \times \frac{1}{2}$ continuous.
 4 Lines $7-9 \times \frac{1}{2}$
 Each Lateral $1-3 \times 2 \times \frac{1}{2}$ angle

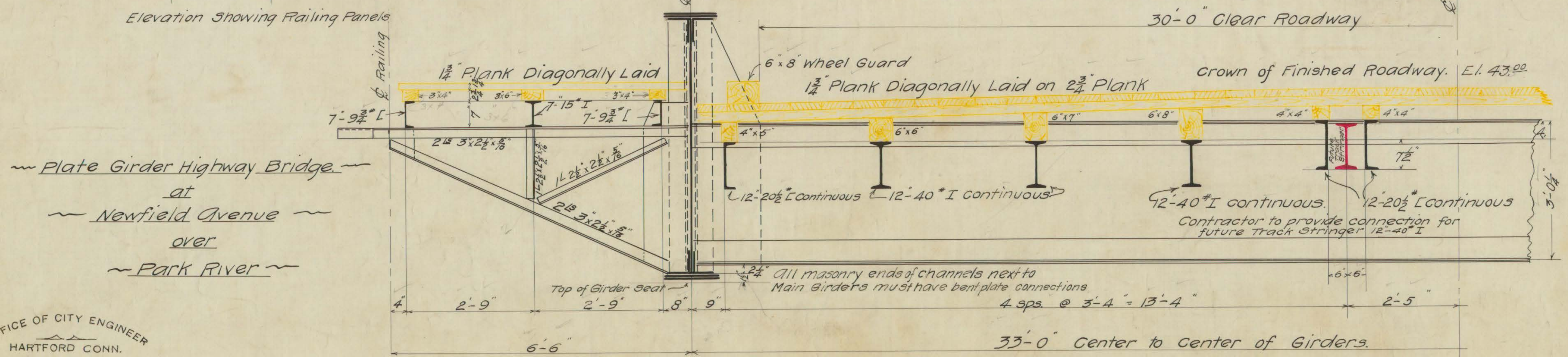


Plate Girder Highway Bridge
 at
 Newfield Avenue
 over
 Park River

OFFICE OF CITY ENGINEER
 HARTFORD CONN.
 Date Nov. 30, 1907 Day Book No. 01977
 Drawer 102 Sheet 36

Half Cross Section