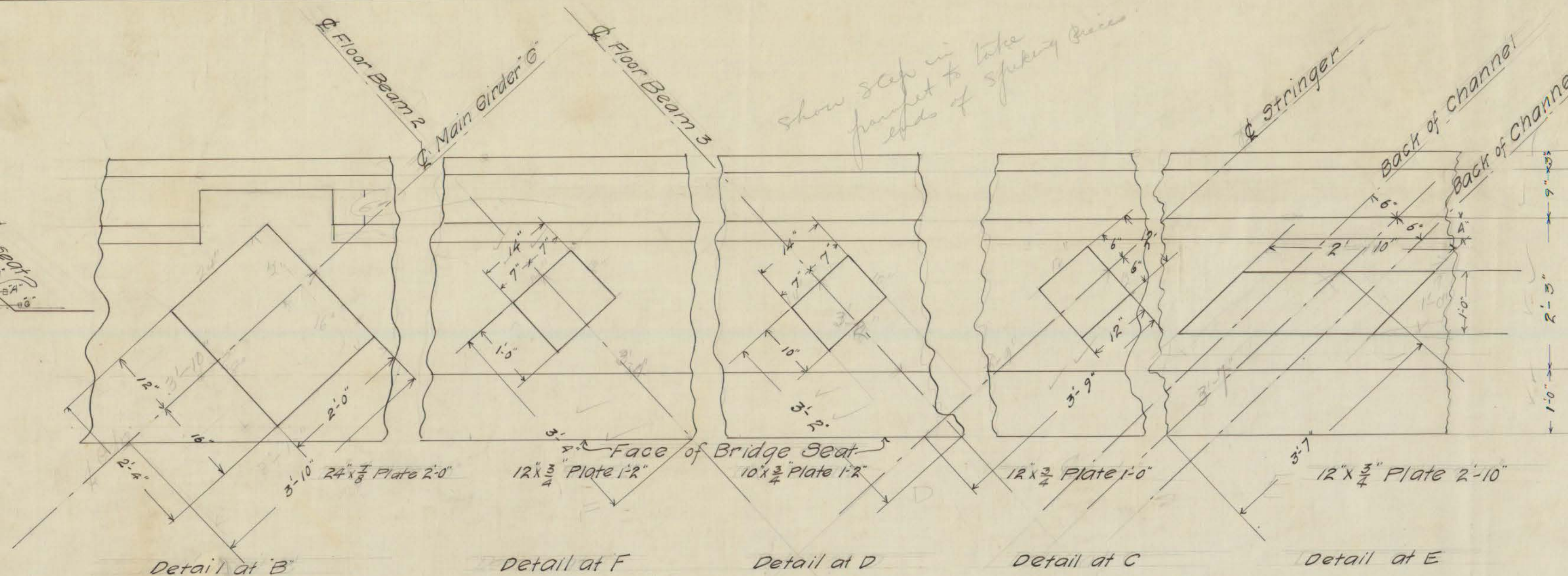
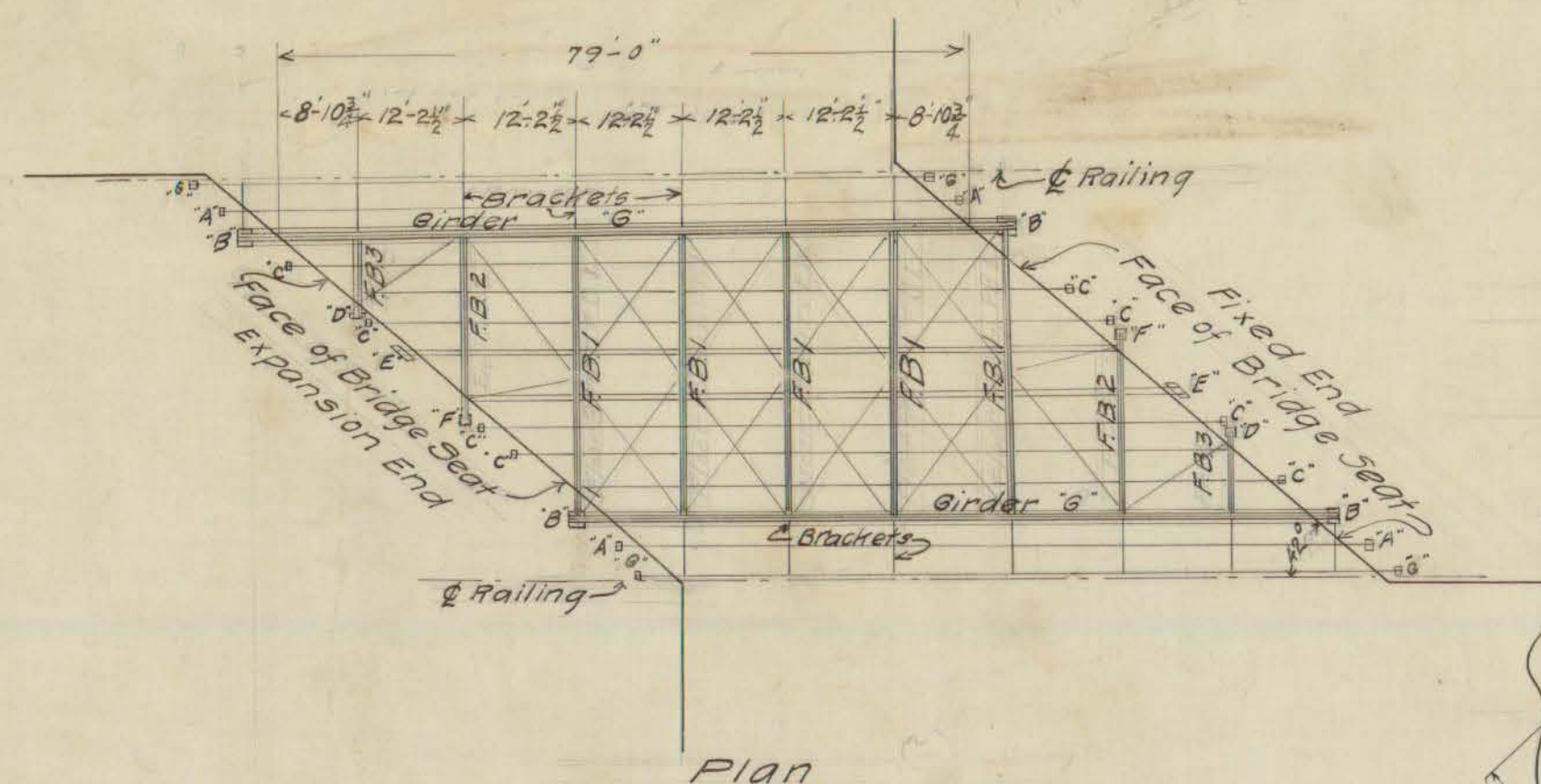




Girder G Max. End Shear 150,000
Max. Flange Strain 510,000
Web $96 \times \frac{3}{8}$ Continuous
Top flange {
2 $6 \times 6 \times \frac{1}{2}$
One Cover Plate $14 \times \frac{1}{2}$ 59' Lg.
One Cover Plate $14 \times \frac{1}{2}$ 40' Lg.
2 Flange Plates $12 \times \frac{3}{8}$ Continuous
Top and Bottom Flanges alike

Floor Beam F.B.1 Max. End Shear 58,000
Max. Flange Strain 187,000
Web $30 \times \frac{3}{8}$
4 $6 \times 6 \times \frac{1}{2}$ Continuous
2 cover Pla $14 \times \frac{3}{8}$

Floor Beam F.B.2 Max. End Shear 35,000
Max. Flange Strain 114,000
Web $20 \times \frac{3}{8}$
4 $6 \times 6 \times \frac{3}{8}$ Continuous

Floor Beam F.B.3 Max. End Shear 15,000
Max. Flange Strain 28,000
Web $20 \times \frac{1}{2}$
4 $3 \times 2 \frac{1}{2} \times \frac{1}{2}$ Continuous

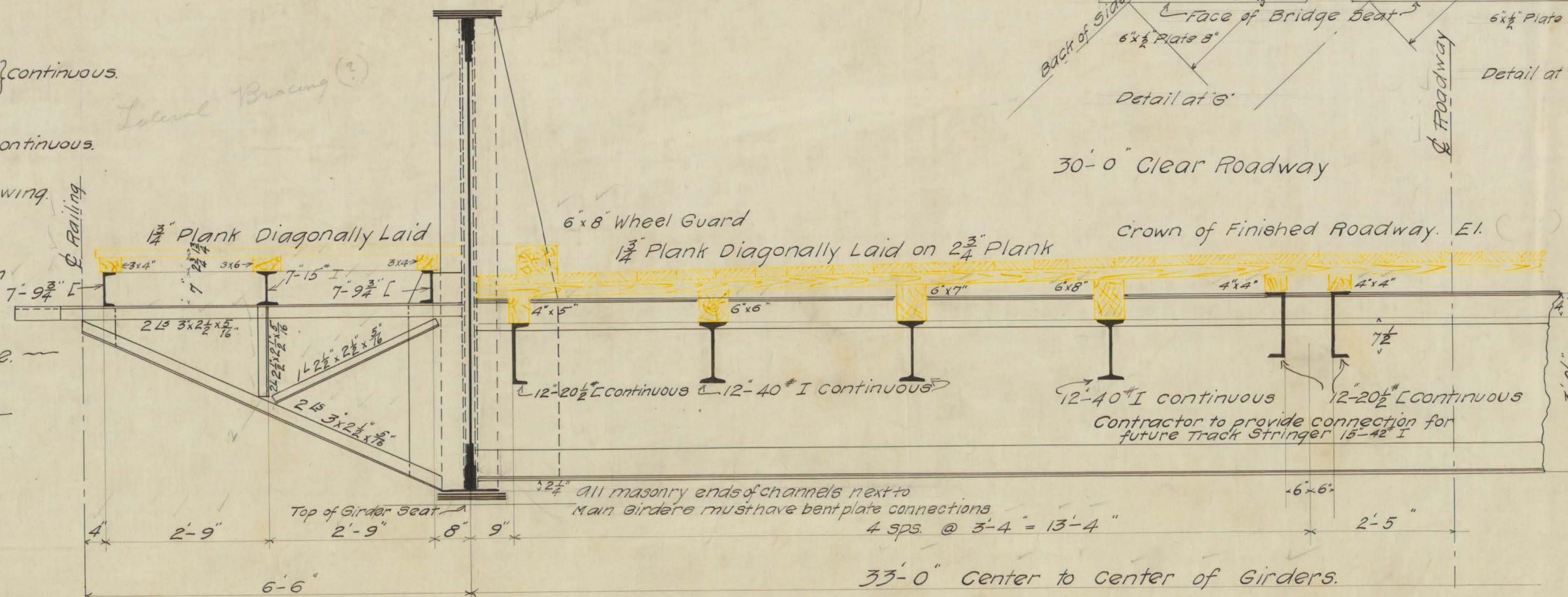
Roadway Stringers
6 Lines of $12 \times 40 \times \frac{1}{2}$ Continuous.
6 Lines of $12 \times 20 \times \frac{1}{2}$

Sidewalk Stringers
2 Lines $7 \times 15 \times \frac{1}{2}$ Continuous.
4 Lines $7 \times 9 \times \frac{1}{2}$

For Details of Railing see drawing
Shop Paint
Field Paint

See Specifications in connection
with this plan.
Each Lateral $1-3 \times 2 \frac{1}{2} \times \frac{5}{16}$ angle

Plate Girder Highway Bridge.
at
Flatbush Avenue
over
Park River



Half Cross Section