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[Thomson]  
Office of

Office COMMERCIAL BANK BUILDING,  
Works NORTH EXCHANGE ST.

# HILTON Bridge Construction COMPANY.

Engineers and Contractors.

WROUGHT IRON & STEEL BRIDGES, ROOFS, TRESTLES, TURN-TABLES,  
RIVETED GIRDERS, TANKS, BEAMS, PILLARS &c.

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Albany, N.Y.

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Before this time or essentially English designs by an English engineer named Canoll. My father if not the originator was a leader in the development of the "welded diagonal lattice" type differing from the English practice in the lengthening of the panels, a consequent change in the floor system and a conservation of the material in fewer members. He designed but few unimportant pin connected bridges confining his practice almost entirely to the welded form of construction. I am unable to state when he obtained his first structural forms.

After 1862 my father designed almost all the bridges in the N.Y.C. Learning Chf. Engrs of that road about 1866 and designing most of the bridges required when the last two tracks were laid beginning in 1873.

I know of no larger span built by him than a highway bridge at Saugerties consisting of one span 270 ft long with a 24 ft. roadway and two sidewalks. Built I think about 1870.