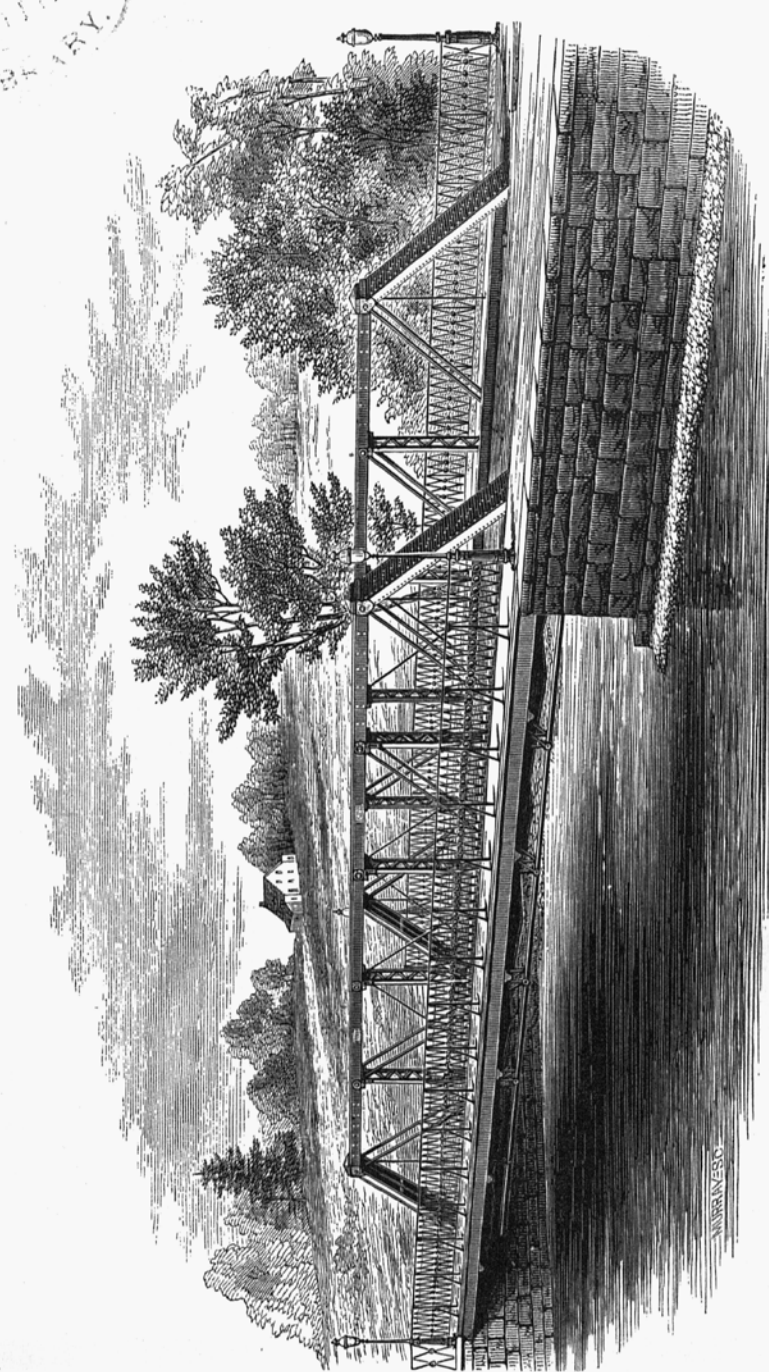


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BRIDGE AT PLAINFIELD, N. J. BY THE AUTHOR. 104 FEET SPAN ; 25 FEET ROADWAY ; 8 FEET SIDEWALKS ; 100 POUNDS PER SQUARE FOOT ; FACTOR OF 5 FOR SAFETY.