LOW TRUSS BRIDGE, TWO 117 FOOT SPANS, AT NEW CASTLE, PA.,

DIRECTED by us in 1873, has a very wide roadway, 82 feet in the clear, with two 6 foot footways, and is an extreme span for Low Truss, but the site being just in front of the Railway Station and near the centre of the city, with a large traffic to and fro, made the use of a High Truss Girder bridge objectionable. A special feature of this plan is the single Pier post with continuous upper chord, which obviates the open space between the spans, and which we now use extensively in two and three span bridges of both Low and High Trusses.