end-braces terminating at that point. When economy of design dictates the use of inclined end-posts, the portals will produce the most favorable effects, by confining the architectural effort to the expression derived from the simple bracing-bars. An arch-portal of angle or T iron, with the spandrels filled in with lattice-work, or broken up into triangles with bracing-bars, is simple and expressive, and exceedingly appropriate. The lattice intersections can be ornamented by small rosettes or bosses, and the two halves of the portal-arches can be united properly with a half-circle or other form of centre-piece, while at the springing, where they are bolted to the sides of the end-posts, a neatly-designed bracket or shoe will not be out of character. It is exceedingly difficult to design the portals for inclined end-posts so as to look well, since they are viewed obliquely, and it will be found in such cases that simplicity of design growing out of an agreeable arrangement of constructive necessities will always give the best results. The appearance of a roadway-bridge having sidewalks is very much enhanced, and at a very small cost, by neatly-designed railings, with a deeply-moulded fascia-board, to which may be added scroll-drops opposite the ends of the floor-beams.

It is not necessary that such railings should be expensive, a light lattice railing of wrought-iron, with one or more intersections, with or without rosettes, always looking well and harmonizing with the constructive character of a truss. The cheap gas-pipe railing is so positively ugly that its use ought to be banished to those