cost twenty thousand dollars. The New River bridge in West Virginia consists of two spans of two hundred and fifty feet each, and two others of seventy-five feet each. Its cost was about seventy thousand dollars.

The Lyman Viaduct, on the Connecticut Air-line Railway, at East Hampton, Connecticut, is one hundred and thirty-five feet high and eleven hundred feet long.

These specimens will show the general character of the iron bridges erected in this country. When iron was first used in constructions of this kind, cast iron was employed, but its brittleness and unreliability have led to its rejection for the main portions of bridges. Experience has also led the best iron-bridge-builders of