Wrought iron or of wrought iron alone. In the combination bridge, compressive members are cast and the tensile members wrought iron. This is an excellent arrangement of the pieces of a bridge. When the compressive members are short, since the crushing weight of wrought iron is 35,000 pounds per square inch, being much less than that of cast iron, which is 85,000 pounds per square inch; hence a short cast iron pillar can resist a much greater