

Wrought iron or of Wrought
iron alone. In the combination
bridge, compressive members
are cast and the tensile mem-
bers wrought iron. This is
an excellent arrangement
of the pieces of a bridge.
When the compressive mem-
bers 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