


The substitution of wrought iron for
posts and upper chords of P.R.R.
bridges, also pin connections
Mr Thompson decided to use
Cast posts & chords and
insisted on screw adjustment
on upper ends of diagonals,
up to 1865-6. He permitted
me to increase live load from
2400 lbs. to 3000 lbs. per sq. ft. in
1863. at Straburville.

A. & P. Roberts were constructing
Muir's Whipple iron bridges
about 1859-60 on the
Lehigh, Del., or some Eastern Pa.
road, and at ~~Rockville~~
Middletown, P.R.R. The
Whipple links 
were connected by wrought iron
pins, instead of the Cast
iron trunnion, as used by Whipple.