



THE LOCATION

SEPTA Levittown Station

THE CHALLENGE

Erect two supporting Bridge Towers on opposite sides of the train tracks during limited nighttime track outages.

And erect an 80-foot long, 80,000 lb. Pedestrian Bridge, using a 600 ton crane, from 1:30 a.m. to 3:30 a.m. over four tracks of AMTRAK's Northeast Corridor Lines.

OUR RESPONSE

Thomas P. Carney Inc. scheduled erection of the Bridge Towers during eight (8) overnight shifts.

The Pedestrian Bridge Truss section was erected during a scheduled 2-hour track outage.

THE DETAILS

The bridge towers were delivered to the site in four fully assembled sections. **Thomas P. Carney, Inc.** lifted each piece off the truck using an 80 ton crane. Rotated upright, then set into position. This sequence was then repeated on the opposite side of the tracks.

During a scheduled 2-hour track outage and de-energization of the transmission and catenary wires, **Thomas P. Carney, Inc.** lifted the fully assembled truss structure vertically until the bottom of the truss passed the overhead wires 100 feet in the air, rotated to meet the bridge tower supports, set in place with permanent connections secured and safely erected within the 2-hour window.