

“Pouring the Future, Preserving the Past.” ®

QUINN CONSTRUCTION, INC.®

PaDot I-95 Pressure Mortar Pier Repairs Philadelphia, PA

OWNER: **Pennsylvania Department of Transportation**

ENGINEER: **HDR Engineering, Inc.**

GENERAL CONTRACTOR: **Loftus Construction, Inc.**

PROJECT DESCRIPTION

Quinn Construction, Inc. provided all labor, material and equipment to complete the following Scope of Work:

Saw cut perimeter, mechanically remove deteriorated concrete, clean reinforcing bars by sandblasting, replace reinforcing where necessary, install WWF mesh using mechanical anchors, restore concrete to original line and grade using pressure mortar surfacing techniques including the addition of nylon fiber reinforcing into the concrete mix.

- ◆ Perform substructure repairs on 56 piers and one abutment on a stretch of highway over one mile in length.
- ◆ Perform pressure mortar surfacing repairs to 6,562 SF of deteriorated concrete surfaces.
- ◆ Perform Class A concrete repairs to miscellaneous areas as directed.

CHALLENGES

Interstate Highway bridge viaduct section, built in the late 1960's showed deteriorated areas of concrete substructure on piers and abutments which required repair.

SOLUTIONS

QCI provided access, equipment, materials and experienced workers to perform required repairs in accordance with PaDot standard design drawings and specifications.

