

*“Pouring the Future, Preserving the Past.”*®

# QUINN CONSTRUCTION, INC.®

PaDot SR -0581 Pier Jacketing  
Camp Hill, Cumberland County, PA

OWNER: [Pennsylvania Department of Transportation](#)

ENGINEER: [Michael Baker Jr., Inc.](#)

GENERAL CONTRACTOR: [Walsh Construction Company](#)

## PROJECT DESCRIPTION

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

Saw cut perimeter of patches, mechanically remove deteriorated concrete, clean all concrete surface areas by sandblasting, replace reinforcing where necessary, install WWF reinforcing using mechanical anchor over all concrete surfaces, install shoring and formwork to accommodate 4" of additional cover, install concrete by pumping, provide heated blankets for cold weather curing, remove forms and shoring.

- ◆ 3,200 SF of jacketing installed
- ◆ 55 CY of concrete
- ◆ 100 sheets of plywood
- ◆ 120 sheets of WWF
- ◆ 1,250 dowel bars
- ◆ custom cut Styrofoam arch forms

## CHALLENGES

Interstate Highway bridge viaduct section showed deteriorated areas of concrete substructure on piers which required repair.

## SOLUTIONS

Install a 4" concrete jacket on the sides, ends and bottom of 3 piers to repair damaged concrete and provide protection from future deterioration.



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