



PTI AIRPORT ELEVATED ROADWAY RESTORATION

Greensboro, North Carolina

WGI conducted an engineering condition assessment of the elevated roadway and short-term parking area. The review included visual observations aided by limited non-destructive testing to determine deterioration areas, including cracking, scaling, spalling, and failed or damaged waterproofing items.

WGI provided recommendations for a repair program to take into consideration long-term durability. Phase 1 renovations consisted of precast tee repairs, expansion joint replacement, and the installation of a heavy-duty traffic bearing membrane at the elevated roadway.

The project was completed on time and within budget.

PROJECT HIGHLIGHTS

- Elevated roadway and expansion joint repairs and replacement
- Structural repairs
- Traffic bearing installation



CLIENT:

Piedmont Triad Airport Authority

PROJECT DATES:

2014-2017

STRUCTURAL SYSTEM:

Precast Roadway

SERVICES PROVIDED:

Restoration
Evaluation
Design Documents
Bidding
Construction Administration

TOTAL COST:

Design Fees: \$103k Construction Cost: \$1.2M

KEY STAFF:

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