

"Pouring the Future, Preserving the Past."®

QUINN CONSTRUCTION, INC.®

Bristol-Myers Squibb Parking Garage Repairs

OWNER: Bristol-Myers Squibb

ENGINEER: Carl Walker, Inc.

PROJECT DESCRIPTION

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

Completed garage and structure repairs as follows:

- Horizontal concrete demolition & replacement
- Demo & Replacement of slab on grade entry ramp
- Overhead Tee-flange concrete replacement
- Cast-in-place Concrete Wash with Expansion wing joint
- Pre-compressed foam expansion joint system
- New Horizontal and Vertical slab connections
- Replacement of eroded steel reinforcement
- Anti-corrosion applications to reinforcing
- 8,000+ LF of Caulk sealant
- Corbel restoration
- Grout p& Post pocket repairs
- Concrete Beam and Column repairs
- Hollow-core Plank Repairs
- High performance Traffic coatings to all parking areas
- Handicap, directional & striping replacement

CHALLENGES

Moisture and chemical infiltration took its toll on the concrete to the point that erosion had occurred. Areas were identified to have both shallow and full depth.

SOLUTIONS

Removal of deteriorated concrete and replacement with high strength materials. Chemical resistant traffic coatings were installed to protect surfaces from future decay.



Above: concrete demolition to its bare skeleton.

Lower Left: The deck's expansion joint is a continuous gland finished off with elastomeric concrete nosing.

Below: Mid installation of the final traffic bearing seal-coat with the addition of anti-slip surface additives.

