



Project Profiles

Providing Our Clients with:

RESTORATION

Structural Investigations
Façades
Seismic Retrofit
Condition Appraisals
Due Diligence
Construction Documents
Upgrades
Roofing
Windows

PLANNING/CONSULTING

Parking Alternatives Analysis
Site Analysis
Traffic Engineering
Wayfinding/Pedestrian Travel
Financial Analysis
Parking Access & Revenue Control
Functional Design

PARKING STRUCTURE DESIGN

Prime Design
Architecture
Structural Engineering
Electrical/Mechanical Engineering

INTERIOR DESIGN

Lobbies
Stores
Mailrooms

NEW YORK

520 8th Ave. Suite 2004
New York, NY 10018

NEW JERSEY

145 Main Street
Hackensack, NJ 07601

PENNSYLVANIA

532 Township Line Road
Blue Bell, PA 19422

OHIO

471 East Broad Street
Columbus, Ohio 43215

DC

7406 Alban Station Court
Springfield, VA 22150

FLORIDA

222 Commercial Blvd
Lauderdale by the Sea, FL 33308

Norristown Parking Garage Rehabilitation – Norristown, PA



O&S was retained by Montgomery County to provide a lighting design as one component of the total rehabilitation project provided by O&S. The project began with an assessment on the pre-cast, double tee parking structure and prepare a rehabilitation plan for the structure. The structure has five supported levels, two stair towers, and two major elevators. The condition assessment was based on a review of the existing plans and testing reports, visual observations of the site, and exploratory work and material testing. These tests included chain drag and hammer sounding as well as exploratory openings of the structure.

Due to lack of maintenance, the garage had deteriorated extensively and required extensive repairs. In addition to lighting, the work included full and partial depth repairs, replacement of expansion joints, repair of pre-cast tee-to-tee connections, replacement of connections between parapet sections, and installing of a new traffic bearing membrane and joint sealants. O&S prepared drawings and specifications for the structural repair and waterproofing of the garage and provided bidding and construction administration services.



Project Profiles

Owner: Montgomery County, Pennsylvania

Number of Spaces: 500 spaces

Year Completed: 2007

Construction Cost: \$4.5 million

Reference:

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