

NEWARK BETH ISRAEL MEDICAL CENTER – PARKING STRUCTURES



Project: Newark Beth Israel Medical Center – 3 Parking Structures

Owner Reference: RWJ Barnabas Health

Location: Newark, NJ

Engineer Reference: O'Donnell & Naccarato Structural Engineers

Scope of Work:

- ❖ Full Depth and Partial Concrete Replacement
- ❖ Overhead Ceiling, Vertical Column, Beam Concrete Repairs
- ❖ Placement of Supplemental Reinforcing Steel
- ❖ Post Tensioning Strengthening & Repair
- ❖ Tee Stem & Light Wall Repair with FRP Wrap
- ❖ Caulking of Tee to Tee, Construction and Cove Joints
- ❖ Installation of a Traffic Coating System
- ❖ Replacement of Steel Beams
- ❖ Winged and Compressible Expansion Joint Replacement
- ❖ Re-striping & Painting
- ❖ Exterior Facade Waterproofing
- ❖ 40,000 SF of New Topping Slab Replacement
- ❖ Installation of Shear Transfer Angles
- ❖ Complete Replacement of (2) Stair Towers

Site Conditions:

- ❖ Completed a (5) year project in (3) years
- ❖ Overcame COVID-19 obstacles at peak of virus protocols
- ❖ Repairs were completed while each garage was in service
- ❖ Numerous phases

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