

# Horizon Blue Cross Blue Shield Of NJ – Parking Structure



Project: Horizon Blue Cross Blue Shield of NJ – Parking Structure

Owner Reference: Horizon Blue Cross Blue shield Insurance Company of New Jersey

Location: Newark, NJ

Engineer Reference: WJE Engineers

Scope of Work:

- ❖ Hydraulic Jacking of Parking Structure
- ❖ Repair of Structural Steel Columns and Beams
- ❖ Full Depth and Partial Concrete Replacement
- ❖ Placement of Supplemental Reinforcing Steel
- ❖ Trench Drain Removal and Replacement
- ❖ Caulking of Control & Construction Joints
- ❖ Installation of Hybrid Traffic Coating System
- ❖ Routing & Sealing of Random Cracks
- ❖ Compressible Expansion Joint Replacement
- ❖ Complete Replacement of (3) Stair Towers
- ❖ Rebuild & Waterproof Column Pits on Grade

Site Conditions:

- ❖ Garage column snapped at grade, dropping 6". Raised with 300,000 psi jacking force
- ❖ Composite metal decking
- ❖ Work was carried on throughout the winter requiring supplemental heating
- ❖ Numerous phases