

2ND & PLANKINTON PARKING STRUCTURE

MILWAUKEE, WI



Project: 2nd & Plankinton Parking Structure

Owner Reference: City of Milwaukee

Location: Milwaukee, Wisconsin

Engineer Reference: HNTB

ICRI Award: Recognized for Excellence in the Repair of Parking Structures

Scope:

- Eight Level Restoration Including Two Helix Ramps
- Partial Depth Concrete Replacement
- Vertical Ceiling, Column, Beam Concrete Repairs
- Placement of Supplemental Reinforcing Steel
- Application of Corrosion Inhibiter
- Caulking of Control & Construction Joints
- Installation of a Traffic Coating System
- Hydrodemolition Concrete Removal
- Full Depth Concrete Replacement
- Construction of a New Entrance Ramp
- Installation of a 1 ½" Microsilica Concrete Overlay
- Routing & Sealing of Random Cracks
- Application of Silane Sealer
- Re-striping & Painting

Site Conditions:

- Free Standing Open Garage
- The Garage was only Closed for Three Months
- The Majority of the Repairs were Completed While the Garage was in Service
- Work was carried on throughout the Winter Requiring Supplemental Heating
- Numerous Phases