

O'HARE INTERNATIONAL AIRPORT
CHICAGO, IL



Project: O'Hare Airport Garage Renovation

Owner Reference: City of Chicago

Location: Chicago, Illinois

Engineer Reference: McDonough Associates

Scope:

- Concrete Restoration
- Repair Surface Scaling
- Full Depth and Partial Depth Floor Repair
- Remove Curbs
- Replace Concrete Washes
- Re-profile Supported Slabs
- Place Supplemental Reinforcing Steel
- Vertical Concrete Repairs
- Installed Carbon Fiber Wrap Reinforcing
- Post-Tension Repairs
- Waterproofing
- Remove Failed Traffic Coating
- Remove & Replace Expansion Joints
- Caulk Control & Construction Joints
- Install New Traffic Coating System
- Install a Thin Bonded Epoxy Overlay
- Install a Buried Waterproofing Membrane
- Shotblast and Install Silane Sealer

Site Conditions:

- One of the largest and Busiest Parking Garages in the World
- Throughout the Restoration the Facility Remained Open 24 Hours per Day, Seven Days per Week
- Required Extensive Control and Coordination of Pedestrian & Vehicular Traffic
- Containment of all Dust and Debris within the Construction Area
- More than Fifty Separate Construction Phases Over Three Years