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Western Specialty Contractors Applies UV-Stable Urethane Waterproofing Membrane System to Stop Leaking into Underground Parking Structure

(St. Louis, MO, March 28, 2017) Western Specialty Contractors - Chicago Concrete Restoration Branch recently repaired and protected a leaking concrete slab covering the parking garage at One Arlington in Arlington Heights, IL using a UV-stable urethane waterproofing membrane system.

Western's crews were able to prevent the deteriorated slab from further abuse, and protect the parking garage from damaging water infiltration and environmental exposures. The fluid-applied waterproofing system used is resistant to standing water, ultra violet fading, acid rain and chemical pollutants.

Renovated and opened in 2014, One Arlington is a luxury apartment complex located adjacent to the Arlington International Racecourse. When originally constructed, the underground parking garage roof, which also serves as the building's main driveway, was left exposed to the elements and not covered by a concrete topping slab, which is traditionally specified.

Years of punishing weather conditions had caused the 32,000-square-foot slab to crack severely, causing water to infiltrate into the enclosed parking structure below.

Western Specialty Contractors was contracted by Stoneleigh Companies to repair the concrete slab. The owner also hired a consultant to make recommendations for protecting the slab from future damage, and to address the excessive amount of leaking into the structure.

"It was determined that the issues would be addressed by systematically sealing the slab cracks and applying a urethane waterproofing membrane system to the entire surface," said Chicago Concrete

Restoration Branch Manager Steve Genovese. "Additionally, supplemental floor drains were added in multiple locations throughout the area to alleviate ponding issues."

The repairs were performed in phases to maintain access into and out of the building at all times. The project was completed with a new line striping layout to maximize all of the available space. Western was able to complete the project on schedule and under budget.

About Western Specialty Contractors

Family-owned and operated for 100 years, Western Specialty Contractors is the nation's largest specialty contractor in masonry and concrete restoration, waterproofing and specialty roofing. Western offers a nationwide network of expertise that building owners, engineers, architects and property managers can count on to develop cost-effective, corrective measures that can add years of useful life to a variety of structures including: industrial, commercial, healthcare, historic, educational and government buildings, parking structures and sports stadiums. Western is headquartered in St. Louis, MO with over 30 branch offices nationwide and employs more than 1,200 salaried and hourly professionals who offer the best, time-tested techniques and innovative technology. For more information about Western Specialty Contractors, visit www.westernspecialtycontractors.com.

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