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**Western Specialty Contractors - Atlanta, GA Branch Restores
Three-Level Parking Garage for Nalley Ford Dealership**

(St. Louis, MO, May 18, 2016) Crews with the Western Specialty Contractors - Atlanta, GA Branch recently completed a one-month project to repair, restore and protect a three-level, concrete parking garage used by Nalley Ford of Sandy Springs, GA to store new car inventory.

Western crews surveyed each parking deck individually to determine specific damage for each, then provided the owner with a detailed outline of recommended work needed to restore each level. The dealer worked to sell down inventory and rotate his vehicles to make room in the garage for Western's crews to begin work.

Top Level

Western crews began restoration of the top level, which is most exposed to the elements, by cleaning all concrete surfaces using a high-pressure water blaster (3,000 psi). Once the pressure washing was complete, Western crews heavily saturated the concrete surfaces with an Enviroseal 20 clear penetrating sealer. Approximately 5,580 lineal feet of existing cracks and control joints were routed, then sealed with a urethane sealant. Western crews went on to remove approximately 318 lineal feet of existing sealant around the perimeter joint, then lightly grinded the joint edges to remove any loose residual sealant. A new urethane sealant was then applied.

A total of 1,300 square feet of new pour strips were installed to allow for expansion/contraction of the concrete intersections. Slab areas, perimeter column caps and exterior wall weld plate embeds where deteriorated/cracked concrete was detected were saw cut and chiseled out and replaced with new concrete.

At the exterior wall joints, approximately 550 lineal feet of existing sealant was removed, grinded down and replaced with a new urethane sealant. Oxidation at the exterior wall weld plates was removed and an epoxy chromate primer and urethane top coat applied.

To complete the top level restoration, Western crews applied two coats of Thorolastic elastomeric coating to approximately 8,160 square feet of wall substrate and applied an Autogard FC traffic-deck coating system manufactured by Neogard to the deck.

Intermediate Level

Western crews cleaned all concrete surfaces using a high-pressure water blaster, routed approximately 5,580 lineal feet of existing cracks and control joints, then sealed them with a urethane sealant.

Approximately 540 lineal feet of existing sealant around the perimeter joints was removed and replaced with a urethane sealant. Oxidation on corbal bearing plates and double tee bearing plates was removed and refinished with an aliphatic urethane top coat. The precast wall perimeter was also re-sealed and repairs were made to damaged columns, which were resealed with two coats of an anti-corrosion bond inhibitor. Damaged concrete on the slab floor was saw cut and chipped out and replaced with new concrete.

Lower Level

On the lower level, Western crews removed oxidation on the gusseted steel corbeis, spanning plates and double tee bearing plates, then applied an aliphatic urethane top coat. Deteriorated concrete around the beams was removed, any damaged steel replaced and the beams patched with new concrete. On areas where steel web was showing as a result of deteriorating concrete, the surrounding concrete was removed, the damaged steel was replaced and the area patched with new concrete.

The techniques and materials used by Western to restore the parking garage will protect it for many years to come.

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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