

# WALMART - PAVEMENT REHABILITATION PROJECTS

**Year:** 2012-Current

**Contact:** Jeff DeLoach

**Client:** Walmart Stores, Inc.

Senior Project Manager

**Project Manager:** James Quilacio

BFA provides pavement evaluation and rehabilitation engineering for a large retail client throughout the Midwest and Eastern United States. These projects are located at existing retail store locations and large Distribution Centers. For these projects, BFA conducts on-site inspection visits to identify concrete pavement sections (panels) and asphalt pavement areas that need replacement; develops engineering plans and specifications for bidding; and conducts construction observations and final punchlist inspections for project close-out.

Concrete pavement replacement project at retail Distribution Center – Plastic spacer inserts in concrete edge will adjoin another concrete panel. This insert will hold a “diamond” dowel bar which will transfer load to the adjoining panel in order to reduce differential settlement in adjoining panels.



Concrete pavement replacement project at retail Distribution Center – Traditional reinforcement bar (“rebar”) to provide load transfer to adjoining panels.

Concrete pavement replacement project at retail Distribution Center – Traffic Control during construction is a critical consideration in maintaining operations and traffic flow during construction when lanes are closed or lane-width is reduced.



Concrete pavement replacement project for Municipal street repairs – Concrete panel removed and base rock being placed prior to dowel bar placement and compaction of base rock.