

WALMART PAVEMENT REPLACEMENT

ST. CHARLES, MISSOURI

Year: 2020

Client: Walmart

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Sr. Civil Engineering Manager

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This pavement repair project was located at the Walmart Supercenter in St. Charles, Missouri on Veterans Memorial Parkway. BFA directed the geotechnical analysis to help determine the scope of repair needed. The purpose of the geotechnical services, which included borings, was to explore the subsurface conditions. From the geotechnical investigation it was determined which areas needed full depth replacement, mill and overlay, crack fill/seal, and/or seal coat.



This parking lot serves as a commercial shopping center, which includes Walmart and four other retail spaces, that remained open for business during the entire rehabilitation of the parking area (763 spaces) and entrance road. BFA developed 11 phasing plan sheets showing the demolition, regrading, restriping, and pavement installation to aid the contractor in providing traffic control and material handling during construction. Throughout construction, entrance/exit access was maintained at 2 locations as well as the delivery docks. BFA developed the Stormwater Pollution Prevention Plan (SWPPP), obtained city approvals, and state land disturbance permits. During construction BFA provided periodic site observations, site inspections, and construction stake-out services.

BFA addressed the failed pavement and parking lot issues by preparing specifications, complete site development plans, phasing plans, and construction management.