

**PROJECT TITLE:**  
**National Guard Armory Vehicle Parking Expansion**



**Project Name:** National Guard Armory Vehicle Parking Expansion  
**Project Location:** Kansas City, KS  
**Scope:** Preliminary and final design, assistance with bidding, and construction services  
**Construction Cost:** \$648,000  
**Design Cost:** \$85,000  
**Completion Date:** March 2005  
**BHC RHODES Client:** Adjutant General's Department  
**Contact Name:** Maj. Ron Rousser  
**Phone Number:** 785-224-1156  
**Project Owner:** Adjutant General's Department  
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The Adjutant General's Department needed improvement and enlargement of an Organizational Vehicle Parking area at their Armory located in Kansas City, Kansas. The

778<sup>th</sup> Heavy Equipment Transport Co. (HET Co) required space to park and store vehicles and equipment. The site was formerly a gravel parking lot, and was also the site of an old, closed landfill. The instability of subgrade materials required extensive geotechnical investigation. As a closed landfill site, the improvements were monitored by the Kansas Department of Health and Environment.

BHC RHODES assisted the Adjutant General's Department with conceptual design alternatives to take best advantage of the fixed funding dedicated to the project. Final design and plan preparation was completed for the selected alternative which included grading and drainage for the new lot, 3.0 acres of 8" reinforced concrete paving, 1350 feet of 6' security fencing with gates, and relocated primary electric service and security lighting for the entire Armory facility.