

BLACKHAWK ROAD BRIDGE

OVER MILL CREEK



Services Provided

STRUCTURAL ENGINEERING

LAND SURVEYING

CIVIL ENGINEERING

Project Description

CLIENT: Illinois Department of Transportation

LOCATION: Rock Island, Illinois

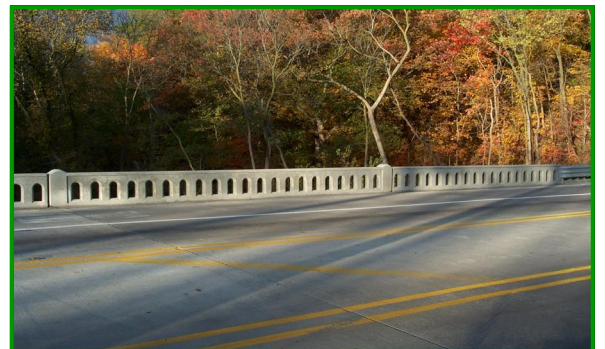
PROJECT COST: \$1,177,750

COMPLETED: 2002

DESCRIPTION: Located at the intersection of Blackhawk Road and Mill Creek, 14,000 vehicles a day were pushing this historically unique but functionally obsolete structure to its limits.

The structure (constructed in 1933) was a single span reinforced concrete slab supported by an open spandrel arch on closed reinforced concrete abutments and wingwalls. The existing 36' wide deck was replaced and widened to 48' in order to accommodate a westbound right turn lane. As part of the project, arches were repaired, abutments were replaced, and the original handrail was reconstructed in order to restore the original appearance of the structure.

Due to the complexity of the project and the architectural significance of the bridge, Wendler received the 2002 Consulting Engineers Council of Illinois Engineering Excellence Merit Award for the project.



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