



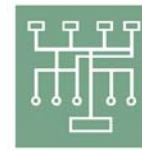
Associates



Engineers



Architects



Systems



Construction  
Managers

**US 52 OVER  
I-55  
INTERCHANGE**  
JOLIET, IL

**ILLINOIS  
DEPARTMENT OF  
TRANSPORTATION**  
DISTRICT ONE –  
SCHAUMBURG, IL

The project required engineering design services for the reconstruction of the US 52 / I-55 interchange, including resurfacing and upgrading of the existing frontage roads. Also, the eight existing interchange ramps, consisting of existing frontage roads with associated slip ramps, was replaced with a new diamond interchange. The profile of US 52 was raised three feet. The existing bridge structure over I-55 was widened and raised to meet the new profile and provide clearance for I-55. The new ramp intersections with US 52 were signalized and the existing interchange lighting was replaced.

The east frontage road and US 52 intersection was improved. US 52 was upgraded to provide two lanes in each direction separated by a variable width median providing left turn bays. The pavement drains to catch basins which outlet directly to the infield areas.

Work included field surveys, soil investigations and report and a total regrading and improvement of the drainage for the interchange. During the construction, expressway traffic exiting or entering at US 52 was detoured for approximately one-half mile to the Route 59 interchange.

