



ACEC Illinois
2014
Engineering
Excellence
Merit Award

Project:
**Rakow Road
Ackman Road to
Illinois Route 31**



Firm
Patrick Engineering Inc. (Phase I
and Phase II) and Bollinger, Lach
& Associates, Inc. (Phase III)

Project Owner
McHenry County Division of
Transportation (MCDOT)

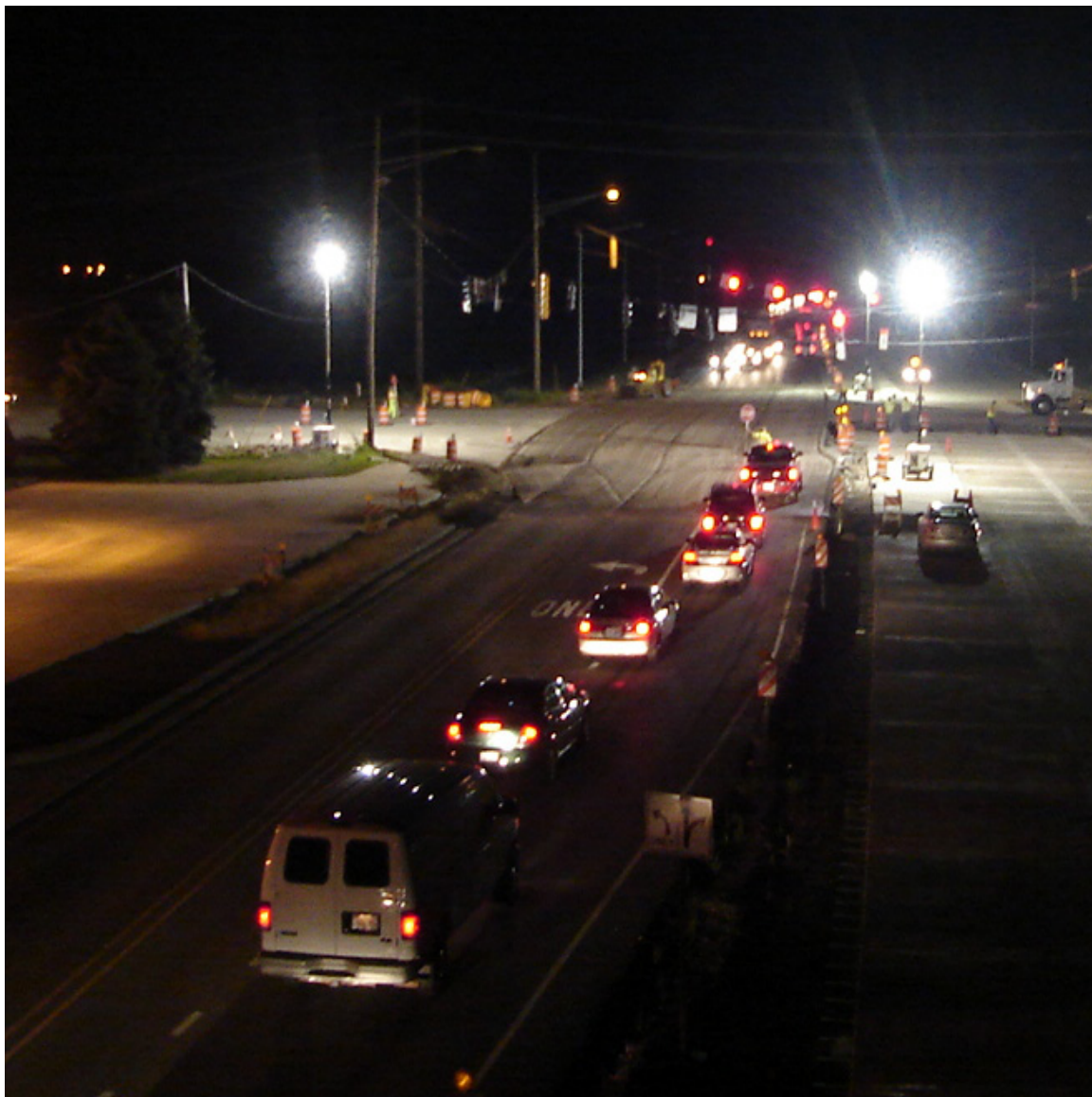
Location
Crystal Lake & Lake in the Hills,
Illinois



Patrick and BLA succeeded in helping MCDOT to increase the safety and capacity of the 3.2 mile stretch of critical roadway on the National Highway System. We designed additional through lanes along the corridor, added turn lanes and modernized traffic signals at six intersections, and realigned a 90° curve to increase the radius. The project was completed on time and 20% less than the engineer's estimate.



A key element of the project was to provide improvements to pedestrian and bicycle facilities throughout the corridor. The major improvement for recreational users was the construction of the pedestrian overpass near the intersection of Rakow Road and Pyott Road.



Night-time operations eliminated four weeks from the project schedule, and night-time staging changes minimized the inconvenience to local businesses and motorists.

