

# ROLLINS ROAD (IL 83 TO DRURY LANE) LAKE COUNTY DIVISION OF TRANSPORTATION



## CHALLENGE

*Reduce traffic congestion and long delays along a formerly rural two-lane road.*

Rollins Road, in the Round Lake Beach – Grayslake area, was a heavily traveled two-lane arterial route. Originally a rural road, land development and increased population resulted in growth of traffic and the need to improve Rollins Road.

The Lake County Division of Transportation called on HLR to develop a plan to improve traffic flow and traffic safety. The project included Rollins Road from IL Route 83 to east of Drury Lane.

## RESULTS

*Construction of the project will be completed in spring 2007.*

Benefits of the proposed project will include:

- Enhanced traffic flow
- Reduced delays
- Improved traffic safety

**CONSTRUCTION BUDGET  
\$5.6 MILLION**

## SOLUTION

HLR began with Phase I Engineering analysis and design. These included traffic flow and intersection traffic capacity analysis, stormwater management engineering analysis and design, and an analysis of construction staging to keep the road open to traffic during construction. Preliminary work also included coordination with environmental regulatory agencies for wetland and floodplain involvements.

To gain approval for the project, HLR coordinated with regulatory agencies including:

- IDOT for cultural resources review
- Lake County Stormwater Management Commission for stormwater drainage issues
- U.S. Army Corps of Engineers for wetland and Waters of the US issues
- Illinois Department of Natural Resources for biological and natural resource issues
- Lake County Forest Preserve District for coordination of right-of-way needs from Forest Preserve property

HLR also provided Phase II detailed engineering design for the project. Plans, specifications and estimates were provided including a detailed traffic management plan to keep traffic lanes open during construction.

*Improvements designed include:*

- Additional through-traffic lanes from IL 83 to Drury Lane
- Extension of a center median east to Drury Lane
- Left turn lanes at public intersections
- Realignment of the Hook Road intersection with Rollins Road
- Improvement of stormwater drainage management
- New traffic signals
- Improvements to coordination between signal-controlled intersections



CONSTRUCTION OF HOOK ROAD RELOCATION AT ROLLINS ROAD.