

# SULLIVAN ROAD BRIDGE OVER FOX RIVER CITY OF AURORA, ILLINOIS



## CHALLENGE

*Relieve traffic congestion in a fast-growing suburban community with a new Fox River bridge while minimizing impacts on natural resources.*

Aurora, ranked among the fastest growing cities in the United States, needed an economical, cost-effective solution to its traffic congestion problem.

The City of Aurora, Kane County and communities along the Fox River had been seeking for 20 years to add additional highway crossings over the Fox River to relieve traffic congestion, allow for future growth, and improve mobility for emergency vehicles.

The City of Aurora asked HLR to provide traffic, geometric and structural engineering services to design a bridge to cross the Fox River while obtaining environmental permits to protect natural resources.

## RESULTS

*Construction of the bridge and roadway was completed in 2006.*

*Benefits include improved traffic flow in the Aurora/ North Aurora area as well as:*

- Reduced travel times
- Improved mobility for emergency vehicles
- Capacity for traffic growth

CONSTRUCTION BUDGET  
\$14 MILLION

2006 ACEC ENGINEERING  
EXCELLENCE MERIT AWARD

2006 APWA PROJECT OF THE YEAR

## SOLUTION

HLR served as the lead engineering firm. HLR provided extensive updates to the environmental, ICC technical and engineering submittals to move the project along quickly once funding was finally obtained.

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

- IDOT, ICC and the Burlington Northern/Santa Fe Railroad
- Division of Water Resources, Soil and Water Conservation Agency, the Army Corps of Engineers and Illinois Environmental Protection Agency
- Kane County, the cities of Aurora and North Aurora, and the Fox Valley Park District

HLR also provided Phase II engineering services including roadway and intersection design, lighting and traffic signal design, structural design, coordination of sub-consultants, as well as preparation of final plans and specifications and right-of-way plats.

### *Project highlights:*

- Construction of a new bridge over the Fox River
- Reconstruction of the IL 31 signalized intersection
- Construction of a new intersection of Sullivan Road with IL 25
- Construction of the Fox River Bike Trail under the bridge
- Restoration of natural stream habitat
- Construction of an at-grade crossing of the Burlington Northern Railroad
- Erosion control and environmental remediation
- Special waste removal from an old landfill



SULLIVAN ROAD BRIDGE AND BIKE PATH