

LOCATION:

Chicago, IL

CLIENT:Chicago Department of
Transportation**CONSTRUCTION COST:**

\$2.5 Million

SCOPE OF SERVICES:

- Preliminary Design
- Final Design

Lake Shore Drive over 47th Street Bridge Reconstruction



PROJECT DESCRIPTION

Ciorba Group was selected by the Chicago Department of Transportation (CDOT) to provide preliminary and final design engineering services for the reconstruction of the three-span bridge carrying southbound Lake Shore Drive over 47th Street. Federal STP funds were utilized for the construction. This structure is located in Burnham Park and incorporated numerous architectural features including decorative abutment walls and lighting fixtures. The exterior beams are shielded from view by a decorative fascia. Investigations were made into the potential architectural and historic importance of the structure as it relates to Burnham Park.

The project included various meetings with the public and local groups with interest in the Burnham Park area. Ciorba prepared a Project Development Report that identified the necessary bridge reconstruction and developed roadway improvements to Lake Shore Drive and the exit and entrance ramps to 47th Street. The Lake Shore Drive profile was adjusted to improve a vertical curve on the bridge. The exit and entrance ramps were improved, including new vertical and horizontal geometrics, to more closely meet current design standards.

