

Martin Luther King Drive Reconstruction

LOCATION:

North Chicago, Illinois

CLIENT:

City of North Chicago

CONSTRUCTION COST:

\$12 Million

SERVICES:

- Construction Observation



PROJECT DESCRIPTION

Ciorba Group provided the Phase III construction engineering services for the reconstruction of Martin Luther King, Jr. Drive from Green Bay Road to Sheridan Road. Federal funds were utilized for construction; therefore, all construction documentation was completed in accordance with the Illinois Department of Transportation (IDOT) requirements.

Martin Luther King Jr. Drive is a four lane suburban street that serves as an arterial roadway. Improvements consisted of the total removal of the existing roadway and its replacement with a new full depth bituminous pavement. The new cross-section remained at four through lanes with left turn lanes provided at Lewis Avenue, Commonwealth Avenue and Sheridan Road. Other work included constructing a new storm sewer system that provides in-line detention with restricted outlets and installing two new traffic signals and a decorative street lighting system. A new multi-use path was constructed at the eastern end of the project. The traffic signals were interconnected and integrated into the Lake County Division of Transportation's (LCDOT) PASSAGE, the county-wide traffic signal system.

Approximately 8,500 lineal feet of 12" and 16" diameter water mains along with 11,000 lineal feet of 12" to 24" sanitary sewers were installed to replace existing systems. Large areas of hazardous and special waste were located along the roadway prior to construction. As encountered during construction, these materials were identified in the field and disposed of as required by the IEPA.

Construction engineering services involved observing the contractor's operations for conformance with the plans and specifications, final quantity documentation and preparation of change orders and pay estimates. The Resident Engineer chaired weekly status meetings with representatives of the contractor, LCDOT, the City of North Chicago and IDOT to discuss construction issues and resolve conflicts. The Resident Engineer also interacted with the local community, answering questions or concerns raised by local residents/businesses during construction.