

# 80th Avenue Reconstruction



## PROJECT DESCRIPTION

Ciorba Group was selected to provide design engineering services for the reconstruction of 80th Avenue from 191st Street to 183rd Street, within the Villages of Tinley Park and Mokena. The road will be widened from a two lane rural section to a four lane urban section with auxiliary turn lanes added at cross streets. Improvements will be made to the intersections with 189th Street, 186th Street, 185th Street, and 183rd Street. The existing two lane bridge carrying 80th Avenue over I-80 will be replaced with a new four lane structure. New structures are also planned for the 80th Avenue crossings over Union Ditch and a Union Ditch tributary.

Other improvements will include designing a new enclosed drainage system, traffic signals at 183rd street and 185th street, and landscaping along the corridor. **A 10 foot wide multi-use path will be designed for the entire length of the project, a total**

**distance of about 4,800 feet. The new bridges over I-80 and the Union Ditch will be designed to accommodate the new multi-use path.** Stormwater detention is required to meet the County's stormwater ordinance and compensatory storage will be provided for the fill generated by the crossing of the Union Ditch. Environmental concerns include minimizing impacts to wetlands along the roadway, identifying and quantifying for removal areas of special waste materials, and a conducting a noise analysis for the residential area at the northwest corner of 80th Avenue and 183rd Street. The results of the noise analysis will be presented to the homeowner's association along with options for abatement. Our Team will also conduct public involvement activities to present project challenges and alternate solutions to stakeholders for their review and input.

### LOCATION

Will County, IL

### CLIENT

Will County Division of Transportation

### CONTACT

Mr. Jeff Ronaldson, PE  
Director of Transportation/County Engineer  
815.727.8476

### CONSTRUCTION COST

\$25 Million

### PROJECT TEAM

Project Manager  
Duane O'Laughlin, PE  
Project Engineer  
Eric Spina, PE, ENV SP  
Lead Structural Engineer  
Brett Sauter, PE, SE  
Lead Water Resources Engineer  
Tony Wolff, PE, CFM  
Lead Roadway Engineer  
Joseph Attanaseo, PE  
Lead Traffic Signal Engineer  
Joseph Vondra, PE, LC

### SCOPE OF SERVICE

► Final Design

