

EMERSON / GREEN BAY / RIDGE ROAD INTERSECTION IMPROVEMENTS EVANSTON, ILLINOIS



ESI provided planning, design and construction engineering services for the complex interconnection of several arterial routes within the City of Evanston.

The intersection of Emerson Street / Green Bay Road / Ridge Avenue provides a main transportation access to Downtown Evanston and to Northwestern University campus. Evanston's transportation system is

multimodal in nature, with significant trips by cars, bicycles, pedestrians and public transit. Metra and the Chicago Transit Authority provide transit services to the region resulting in pedestrian and bicycle traffic along city streets connecting to the transit stations and bus stops. The preliminary engineering evaluations focused on improving pedestrian/bicycle accommodations and improving/simplifying traffic movements through this 5-legged triangle intersection. Green Bay Road from Emerson Street to McCormick Blvd was also evaluated for potential improvements. Based on feedback from the community, traffic analyses, safety analysis, and an assessment of existing and future conditions in the context of the regional transportation system, the project was developed to create an environmentally friendly "Complete Street" with roadway and drainage improvements, pedestrian path additions and improvements, bicycle accommodations, enhanced landscape/streetscape, street lighting, and traffic signal coordination. The goal was to allow for a more pedestrian / bicycle / transit friendly route while improving traffic safety, directional signing and traffic flow (or minimizing such impacts) and create a gateway to the community and downtown business district. Upon conclusion of the planning stage of the project, which achieved a broad base of public support, ESI began the design portion. This is currently underway and is scheduled for construction in 2016.

Key components of the work included an extensive public outreach program (one on one interviews, advisory committee meetings, public meetings, a project website and newsletters, etc) as well as extensive coordination with local businesses, the UPRR, IDOT, Metra, Pace and Northwestern University. Also included was funding assistance for STP, CMAQ and TAP funding.

Client: City of Evanston
Contact / Phone: Sat Nagar, City Engineer / (847) 328-2100
Dates: Phase 1: 2013 – 2015 / Phase 2: 2015 to Present
Services Provided:

- Traffic Data Collection
- Intersection Design Studies
- Traffic Signal Design
- Topographic Survey
- Drainage Design
- Roadway Design
- Public Meetings

This project reflects Firm
and Staff experience.



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