

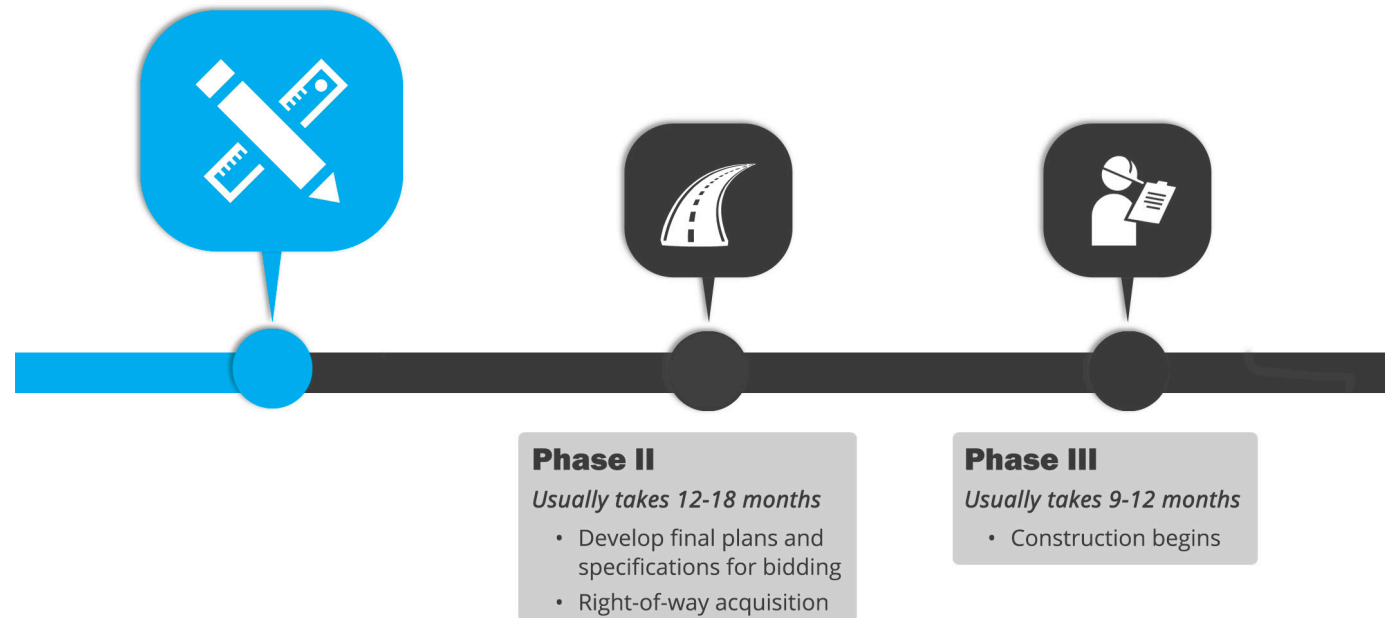
Project Schedule

This project is following federal project development guidelines, since construction is federally-funded. The federal process is completed in three distinct phases:

Phase I

We are here. Expected to be complete in Summer 2018.

- Develop purpose and need for project
- Develop preliminary project design
- Identify right-of-way needs
- Complete environmental reviews to ensure compliance with State/Federal laws
- Public involvement



Main Street at IL Route 176 Phase I Study

Open House Meeting • Tuesday, November 7th, 2017 • 4:30 PM - 6:30 PM



Welcome

The City of Crystal Lake is conducting a Preliminary Engineering and Environmental Study (Phase I) for proposed improvements to Main Street and IL Route 176. The project scope of work includes improvements to Main Street from Crystal Lake Avenue to IL Route 176, the installation of traffic signals at the Main Street/IL Route 176 intersection, widening of IL Route 176 to include an eastbound right turn lane, and left turn channelization added on Main Street at Prairie Street and at Gates Street. Between the Union Pacific Railroad tracks and Prairie Street in downtown Crystal Lake, pedestrian crossing improvements are proposed. Land use adjacent to this project includes commercial businesses within downtown Crystal Lake, and then primarily residential properties line Main Street north of Prairie Street. Residential properties line IL Route 176 between 2nd Street and Illinois Street. The Main Street and IL Route 176 intersection serves as an important gateway into downtown Crystal Lake.

Existing sidewalks on Main Street and IL Route 176 will be maintained. A new sidewalk connection on IL Route 176 between Main Street and Illinois Street (south side of IL Route 176) is being proposed.

The Purpose of this meeting is to:

- Present the project location and existing conditions
- Present the proposed scope of work
- Provide an opportunity to review and comment on the proposed project plans
- Discuss the next steps in the project development process

Contact Information

We want your input on this project! Written correspondence can be submitted at the meeting, mailed to the address below, or emailed to MainStreetProject@hlreng.com.

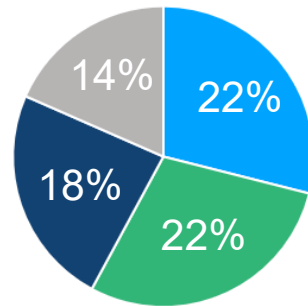
City of Crystal Lake
Community Development
ATTN: Ms. Abigail Wilgreen, PE, CFM
100 W. Woodstock Street
Crystal Lake, IL 60014



Safety

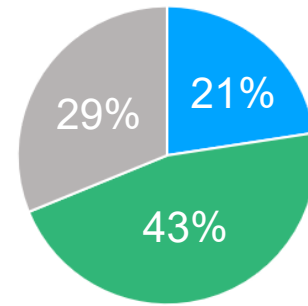
Crash data for the intersection was analyzed between 2011 and 2015.

Main Street between Union Pacific Railroad and Prairie Street



■ Rear End ■ Turning Crash ■ Side Swipe ■ Angle Crash

Intersection of IL Route 176 at Main Street



■ Rear End ■ Turning Crash ■ Angle Crash

Main Street between Union Pacific Railroad and Prairie Street:

- There were a total of 37 crashes
- There were 2 injury crashes
 - Pedestrian walking hit by passing vehicle at Prairie Street
 - Southbound vehicle collided with vehicle turning on Main street, collided with a vehicle turning left from Railroad Street

Intersection of IL Route 176 at Main Street:

- There were a total of 14 crashes
- There were 4 injury crashes at this intersection.
 - The injury crashes included two angle/turning crashes between eastbound and southbound movements, a westbound rear end crash, and a turning crash between eastbound and northbound movements.

Downtown Pedestrian Study

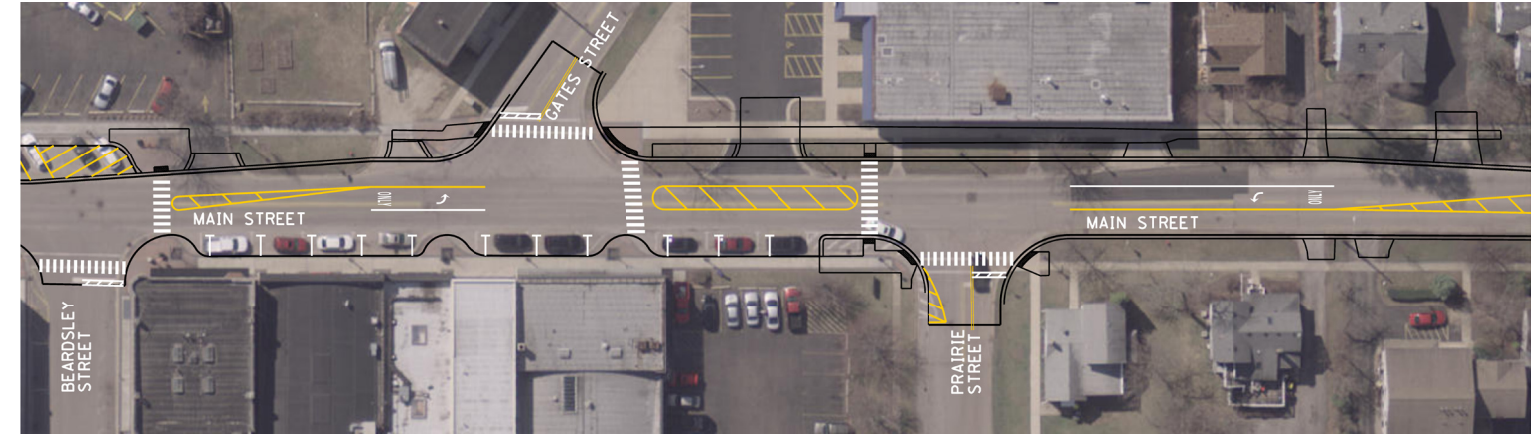
Pedestrian movements were evaluated on Main Street from Railroad Street to Prairie Street. The primary focus of this study was to evaluate existing crossing locations and to provide recommendations as to which of the crossings should remain, and which, if any, should be removed or modified.

Pedestrian volumes and pedestrian sight distance was assessed during a field evaluation completed on a Saturday in May from 5:00 PM-8:00 PM. There are seven pedestrian crossings of Main Street.

- The study recommended removing or modifying the pedestrian crossings south of Gates Street and south of Prairie Street.
- The crossing south of Gates Street is proposed to be removed, and the crossing south of Prairie Street is being modified with a sidewalk bump-out.
- The crossing north of Beardsley Street is recommended to be improved with new signage and/or pavement markings to make motorists more aware of pedestrians crossing in this area.



Proposed Scope of Work



The City of Crystal Lake is proposing to improve Main Street between Crystal Lake Avenue and IL Route 176 and to improve IL Route 176 between 2nd Street and Illinois Street. The project has the following key features to improve the experience for vehicles and pedestrians:

- Permanent traffic signals will be installed at the Main Street/ IL Route 176 intersection.
- A second thru lane on eastbound IL Route 176 will be added from 2nd Street. This lane will be terminated at Main Street as a right-turn only lane.
- The south leg of Main Street at IL Route 176 will be widened to accommodate a northbound left turn lane.
- A southbound left turn lane will be added on Main Street at Prairie Street.
- A northbound left turn lane will be added on Main Street at Gates Street.
- The existing crosswalk on Main Street south of Gates Street is recommended to be removed. All other pedestrian crossings of Main Street in downtown are proposed to remain.
- A sidewalk bump-out is being proposed on Main Street at Prairie Street to reduce pedestrian crossing times and to improve intersection sight distance for vehicles turning onto Main Street
- Main Street will be resurfaced between Crystal Lake Avenue and Railroad Street and between Prairie Street and IL Route 176 will be resurfaced.

Project construction is expected to take 9-12 months. Construction will be completed using staged construction, i.e. the work will be completed while the roads remain open to traffic. Local access to homes and business will be maintained during construction.

Land Acquisition

This project will follow all state and federal laws. Land acquisition can be separated into two types of acquisitions:

- **Fee Simple:** This type of acquisition involves acquiring all rights and interest to a piece of property. This is often referred to as right-of-way.
- **Temporary Easement:** The ownership is retained by the current property owner, this results in a temporary use of the property during construction to construct minor improvements.

This project is currently in the Preliminary Engineering and Environmental (Phase I) Study. In this phase, land acquisition needs are identified. During the Plans, Specifications and Estimates (Phase II) phase of this project, the land acquisition process begins. The steps are as follows:

1. Determine Ownership
2. Prepare Plat of Survey
3. Prepare Independent Appraisal
4. Negotiations with Property Owners
5. Court Proceedings, if necessary