

PROJECT PURPOSE & NEED

Project Purpose

The purpose of the proposed project is to improve safety, capacity, and mobility; correct existing geometric design deficiencies; and encourage multi-modal transportation along IL 31 from the intersection of IL 176 to the intersection of IL 120, in eastern McHenry County.



Project Needs

Improve Roadway Safety

- 1,931 crashes (2006-2014)
- 693 injuries (2006-2014)
- 6 fatalities; 3 head-on (2006-2014)
- Several sections of corridor have been included in top 5% statewide crash locations for frequency and severity (2008-2015)

Expand Roadway Capacity and Address Traffic Issues

- By 2040, 29,000 to 39,000 vehicles daily along IL 31
- Current traffic volumes are greater than existing capacity, which requires an additional through lane in each direction

Correct Existing Roadway Design Deficiencies

- Poor vehicle sight lines over existing hills (Drake Drive and south of Ames Road)
- Poor intersection sight lines at Main Street and John Street
- Flooding between Anne Street and north of Kane Avenue

Improve Opportunities for Multi-modal Connectivity

- Lack of existing bicycle facilities and continuous sidewalks
- Poor connectivity to existing and planned public and multi-modal facilities