



**To:** Reid Foltyniewicz, Chairperson  
**From:** Matthew Lew, PE, Civil Engineer *ML*  
**Through:** Carl S. Goldsmith, Director of Public Works *CG*  
**Date:** October 6, 2014  
**Subject:** October 2014 Meeting Item 3—Prairie Path Crossing at Main St.

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In the September 2014 meeting, Village staff presented a study from the Active Transportation Alliance to the Committee as an information only item. The study topic was qualitative perceptions from Prairie Path users. After review, the Committee asked for an action item for alternatives. Staff discussed the project location and formulated several alternatives. Staff visited the project site and inventoried the existing safety treatment.

- 2 Bicycle Crossing Advance Warning Sign Assemblies
- 4 Bicycle Crossing Warning Sign Assemblies
  - 2 barricade warning lights on outside assemblies
- 4 Roadway Striped Delineators
- Path Median Refuge Island
- Path Striped Crosswalk
- Lighting for Path Crossing and Roadway
- 2 Path Stop Signs with safety reflector strips
- 2 Path Pedestrian Warning Signs

The intersection has signage and markings in concurrence with the MUTCD. Therefore, any additional treatment is beyond what is required for this intersection. The intersection will also receive new pavement markings that are not shown in the site pictures. Below are additional items for consideration.

- Change signage from bike crossing to shared crossing
  - May alert motorists to slower path users
- Install center island sign assembly
  - Increased visibility for path while introducing a potential hazard
- Install second Stop sign on opposite side of path
  - Used on roadways to emphasize stop control
- Install Rapid Rectangular Flashing Beacon (RRFB)
  - Lighted sign assembly activated by pedestrian push button
- Investigate swing gate path entry/exit
  - Decrease speed of path users with potential liability to the Village and would require a permit and approval from DuPage County

Current traffic law states that pedestrians/cyclists must yield to vehicular traffic, while vehicle are required to stop for pedestrians/cyclists in the crosswalk within or approaching their half of the roadway. The Police Department recently produced an educational video about this topic on the Village's YouTube channel. Education remains a vital role at this location. However, drivers appear to misunderstand the law, and path users often do not follow the law. Due to these observations, Village staff looked into the above items for making the path more visible and forcing path users to slow down when approaching the intersection.

In review, staff recommends investigating visibility and speed reducing measures for path users at this location.

NB Main



Main St. Refuge Island



WB Path Crossing



SB Main



RRFB Example



Gated Prairie Path Illustration

