

# Prairie Avenue (Cranston Road to Huebbe Parkway)

April 2018

## County G, Rock County



### **Project Location**

The Prairie Avenue roadway improvement project is located in the City of Beloit and Town of Beloit, Rock County. The project begins at the Cranston Road intersection and continues north approximately 1.2 miles to the Huebbe Parkway intersection.

### **Project Purpose**

The purpose of the Prairie Avenue roadway improvement project is to address current concrete pavement distresses, evaluate multi-modal access opportunities, and upgrade traffic signal components/timings.

### **Project Need**

The existing concrete pavement was last improved in 1982 and is experiencing severe transverse joint failures. There are currently gaps in the sidewalk facility and no current bicycle accommodations along the corridor. Existing traffic signals need to be upgraded to current standards.

### **Proposed Improvements**

#### **Roadway**

- Concrete joint repair, spot replacement of existing concrete pavement and curb and gutter, milling the existing concrete pavement, and overlaying the remaining concrete pavement with asphalt.
- Median treatment modifications between Cranston Road and Hart Road, including a combination of raised medians with designated left-turn lanes and a two-way left-turn lane (TWLTL).
- 4- to 3-lane reconfiguration (one lane in each direction with a center TWLTL) between Hart Road and Huebbe Parkway to match the newly constructed roadway section north of Huebbe Parkway.

#### **Multi-Modal Access**

- Replace the existing concrete sidewalk along the west side of Prairie Avenue with an asphalt path between Cranston Road and Hart Road.
- Construct new sidewalk on both sides of Prairie Avenue and add on-street bike lanes between Hart Road and Huebbe Parkway.

#### **Traffic Signals**

- Traffic signal re-timing evaluations, signal equipment upgrades, and relocation of the existing traffic signal at the Shopko Plaza entrance to the Hart Road intersection.

### **Right-of-way**

Minor temporary limited easements (TLE) are required at spot locations along the corridor to regrade/restore slopes and parking lot connections adjacent to the new path, sidewalk, and curb ramps.

### **For additional information about the project, contact:**

**Jason Dupuis, P.E.**  
City of Beloit Project Manager  
(608) 364-6735  
[DupuisJ@beloitwi.gov](mailto:DupuisJ@beloitwi.gov)

**Ken Swanson, P.E.**  
Consultant Project Manager  
Strand Associates, Inc.®  
(608) 251-4843 ext. 1003  
[ken.swanson@strand.com](mailto:ken.swanson@strand.com)

*\*\*See reverse side for additional information.*

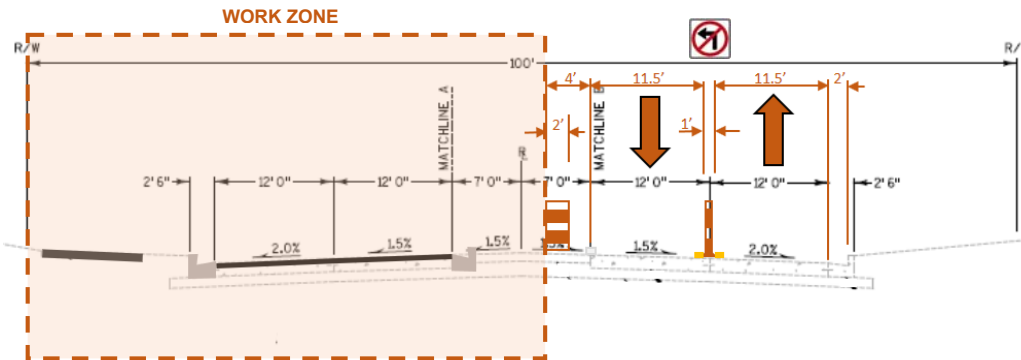
## Construction Schedule

Construction is scheduled for 2019.

## Traffic Control

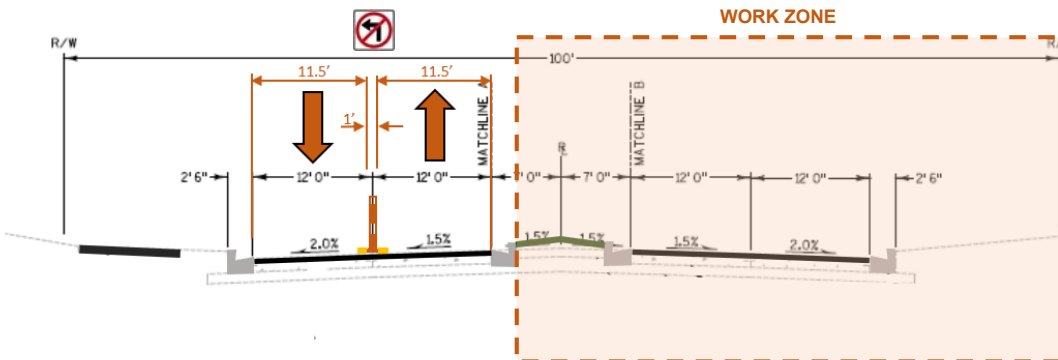
Prairie Avenue will be open to traffic throughout construction. Staged traffic control will be used to keep one lane open in each direction at all times during construction.

### Stage 1



- Left-turn movements will be prohibited to/from local businesses and residences between intersections.
- Pedestrian access will be limited during the removal of the existing sidewalk and construction of the new path/sidewalk along the west side of Prairie Avenue.

### Stage 2



- Left-turn movements will be prohibited to/from local businesses and residences between intersections.
- Pedestrian access will be maintained on the new path/sidewalk along the west side of Prairie Avenue.

## Project Schedule

Task	Timetable
Temporary Limited Easement (TLE) Acquisition	Summer/Fall 2018
Final Plans Submitted	November 2018
Bid Letting	Spring 2019
Construction Starts	Spring 2019

### Note:

During milling, joint repair, and paving operations, driveway access may be temporarily closed. The construction project manager and contractor will coordinate with each affected property owner or business.