

## Bassett Street Protected Bike Lane Pilot Evaluation Plan

### 1. Safety

- Have conflicts decreased or increased between motor vehicle operators, bicyclists and pedestrians? Has severity of crashes increased or decreased?
- Are there conflicts between motor vehicle operators and bicyclists specifically at driveways along the protected bike lane? What is the severity of the conflicts?

#### **Evaluation Methods:**

- Mount camera to monitor several high traffic time periods (before and after installation needed to gauge changes in conflicts).
- Reported bicycle crashes in corridor.
- Community feedback.

### 2. Increased Bicycle Use in Corridor and Improved Bike Connections/Accessibility

- Has bicycling increased in corridor?
- Has bicycle accessibility via the low stress bicycle network increased?
- Has this facility connected other parts of the low stress bicycle network?

#### **Evaluation Methods:**

- Bicycle counts – Do pre-pilot counts (some counts were done in late 2018 but after peak season) and then do counts during pilot.
- Use the MPO Low Stress Bicycle Network map and accessibility rating to evaluate improvement in the network.

### 3. Facility Maintenance Issues

- How does the facility impact winter maintenance of the roadway including impact on general roadway lane clearing and impact on clearing of parking?
- What challenges exist in sweeping and clearing snow of the bicycle facility?
- Does staff have the necessary equipment to sweep and clear snow?
- What is the cost to clear the bicycle facility of snow?
- What are the costs to sweep the bicycle facility?

#### **Evaluation Methods:**

- Discussions with Engineering, Streets and Park staff.
- Feedback from Report a Problem.

### 4. User Confusion – Driver, Pedestrian and Bicyclist

- Do motor vehicle drivers park incorrectly?
- Do motor vehicle drivers understand how to operate at driveways and intersections?
- Do bus drivers understand how to operate in the corridor?
- Do bicyclists understand how the bicycle facility operates?
- Do pedestrians understand where to walk and how to cross the bicycle facility and roadway?
- Is confusion a design issue or an education issue?

#### **Evaluation Methods:**

- Mount camera to monitor several high traffic time periods.
- Community feedback.
- Feedback from Report a Problem.