Agenda

1. Introductions
2. Study overview and background
3. Options considered
4. Recommended design
5. Implementation schedule
6. Discussion and questions
Study Overview and Background
The 2015 Protected Bikeway Update includes a “mini U of M Network”
University Ave SE/4th St SE Study Purpose

• The Minneapolis Bicycle Master Plan identifies a protected bikeway along the University Ave SE/4th St SE corridor
• The study is evaluating different protected bikeway options, understanding related impacts and opportunities along the corridor, and will identify a preferred concept

Two primary options for the corridor:
• 2-way bikeway on University Ave SE
• 1-way bikeway on University Ave SE and 4th St SE
### Schedule to date

<table>
<thead>
<tr>
<th>Date</th>
<th>Task</th>
</tr>
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<tbody>
<tr>
<td>Fall 2016</td>
<td>Corridor data collection</td>
</tr>
<tr>
<td>Winter-Spring 2017</td>
<td>Developed bikeway design options</td>
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<tr>
<td>April 4, 2017</td>
<td>Stakeholder Study Group #1</td>
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<tr>
<td>May 8, 2017</td>
<td>Stakeholder Study Group #2</td>
</tr>
<tr>
<td>Summer-Fall 2017</td>
<td>Additional agency review and data collection</td>
</tr>
<tr>
<td>April 12, 2018</td>
<td>Stakeholder Study Group #3</td>
</tr>
<tr>
<td>Summer-Fall 2018</td>
<td>Detailed design</td>
</tr>
<tr>
<td>Summer 2019</td>
<td>Bikeway installation</td>
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Additional one-on-one meetings with policy makers and many of you throughout 2017-2018.
Options Considered
Options Considered

1-way protected bikeway on University Ave SE and 4th St SE

West of I-35W

East of I-35W
Options Considered

2-way protected bikeway on University Ave SE

Main reasons for considering this option:
• Direct campus access
• Existing desire for westbound bike movement
Evaluation Criteria

**Walking**
- Sidewalk width/buffer
- Effective crossing distance
- Ability to manage interactions with other modes

**Bicycling**
- Network connections
- Access to key destinations
- Ability to accommodate high traffic volumes
- Ability to manage interactions with other modes

**Driving**
- Added delay
- Impacts to connecting streets/network
- Event considerations
- Ability to manage interactions with other modes

**On-Street Parking**
- Loss of parking

**Transit**
- Added delay
- Adequate stop/shelter design
- Ability to manage interactions with other modes

**Other**
- Overall legibility of design
- Right-of-way impacts
- Implementation opportunities
- Costs
Recommended Design
Recommended Design

1-way pair of protected bike lanes on both streets for the length of the corridor:

• Enhances existing conventional bike lanes
• Minimizes tradeoffs with other uses
• Near-term, lower-cost implementation is feasible

Other considerations:

• Design helps change character of both University Ave SE and 4th St SE west of I-35W to improve walking and biking environment
• Will continue to monitor bicyclist movements on University Ave SE east of I-35W
University Ave SE:
2 travel lanes maintained, on-street parking maintained on north side

4th St SE:
Travel lanes reduced from 3 to 2 lanes, on-street parking added on south side
Typical Design West of I-35W (MnDOT)
Typical Design East of I-35W (Hennepin County)

**University Ave SE:**
3 travel lanes maintained, most on-street parking maintained on north side

**4th St SE:**
3 travel lanes maintained, except east of 17th Ave SE, most on-street parking maintained on south side
Typical Design East of I-35W (Hennepin County)
Travel Lanes – Configuration under 1-way option

- 2 lanes
- 3 lanes
On-Street Parking – Possible changes under 1-way option

Possible full time parking removal

Full time parking added
Implementation Schedule
Implementation Schedule

• **2019 installation of bikeway**
  • In coordination with Hennepin County’s resurfacing of University Ave SE east of 10th Ave SE

• **City, County, and MnDOT to coordinate on detailed design, considerations include:**
  • Connections to intersecting bikeways
  • Design at I-35W, signalization
  • Bus stop design on University Ave SE at 15th Ave SE
  • Curbside design on 4th St SE east of 17th Ave SE (sports venues)

• **Continued monitoring and coordination with longer term projects**
Questions and Discussion

• Any questions or feedback about the recommended design?

• Anything you want the project team to consider as we work on the detailed plans for the 2019 project?

• Are there any longer term considerations for the corridor?
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