Lakeway Drive Bikeway Study
Planning and Implementing Our Citywide Bicycle Network

Public Open House
September 13, 2016; 6:00-8:00pm
Carl Cozier Elementary School
Bellingham is striving to prioritize and improve safety for the most vulnerable users of the citywide transportation network with the goal of moving people, not just cars.
Extensive Public Involvement Process

• Steering Committee Representatives
• Community Focus Groups
• Open House #1 (April 2013)
  120 Attended; 418 comments
• Online Survey - 832 Participants
• Online Interactive Map – 634 Comments
• Open House #2 (February 2014)
  98 Attendees; 61 Comments
• Transportation Commission (April 2014)
• 2015-2020 TIP Adoption (June 2014)
• City Council (July, August, Sept, Oct 2014)
Plan Vision

Bicyclists of all ages and abilities have access to a safe, well-connected network linking all areas of Bellingham.
Target Audience for Increasing Bicycle Safety and Mode Share

- Interested But Concerned - 60%
- No Way No How 33%
- Strong & Fearless <1%
- Enthused & Confident 7%

Source - Portland, OR DOT
Bike Network Analysis

Public Input & Local Knowledge

• **Destinations**
  Including schools, parks, trails, services, etc.

• **Connectivity**
  Including route directness index, level of stress, I-5 barriers, etc.

• **Traffic volumes**
• **Vehicle speeds**
• **Terrain (hills)**
• **Housing**
• **Employment**
Various Bicycle Facility Types

- Bike Lane
- Buffered Bike Lane
- Climbing Lane
- Shared Lane
- Cycle Track
- Bike Boulevards
Recommended Bike Network
Further Study Needed

Some complex links in the citywide bike network require additional study before facilities can be recommended.

Typical Issues:
- Heavy traffic volumes
- Intersections/Signal Timing
- Turning conflicts/Driveways
- Limited physical space
Lakeway Drive Bikeway Study
1.36 miles: Ellis/Holly, beneath I-5, to Woburn/Yew
Lakeway Drive Bikeway Study

Project Team
• City of Bellingham
• WTA Transit
• WSDOT
• TranspoGroup & MIG/SvR

Stakeholders
• Neighborhood Associations
• Property Owners
• Businesses
• School District
Current Biking Conditions on Lakeway Drive
## Video Camera Observation: Bicyclist Travel Patterns and Behavior

**Lakeway Drive: King Street to Interstate 5, March 2016 (Data Analysis: Andrew Jungkuntz)**

### Westbound Bicycle Travel Patterns on Lakeway Drive Between King Street and I-5 Southbound On/Off-Ramps

<table>
<thead>
<tr>
<th>Riding Direction</th>
<th>Number of Cyclists</th>
<th>Percent of Cyclists</th>
<th>Riding Direction</th>
<th>Number of Cyclists</th>
<th>Percent of Cyclists</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Sidewalk (With Traffic)</td>
<td>6</td>
<td>19%</td>
<td>North Sidewalk (With Traffic)</td>
<td>7</td>
<td>23%</td>
</tr>
<tr>
<td>On Lakeway (With Traffic)</td>
<td>11</td>
<td>35%</td>
<td>On Lakeway (With Traffic)</td>
<td>14</td>
<td>45%</td>
</tr>
<tr>
<td>On Lakeway (Against Traffic)</td>
<td>0</td>
<td>0%</td>
<td>On Lakeway (Against Traffic)</td>
<td>0</td>
<td>0%</td>
</tr>
<tr>
<td>South Sidewalk (Against Traffic)</td>
<td>14</td>
<td>45%</td>
<td>South Sidewalk (Against Traffic)</td>
<td>16</td>
<td>52%</td>
</tr>
<tr>
<td><strong>Total Cyclists</strong></td>
<td>31</td>
<td><strong>64%</strong></td>
<td><strong>Total Cyclists</strong></td>
<td>37</td>
<td><strong>75%</strong></td>
</tr>
<tr>
<td><strong>Total Cyclists Riding on Sidewalk</strong></td>
<td>20</td>
<td><strong>64%</strong></td>
<td><strong>Total Cyclists Riding on Sidewalk</strong></td>
<td>23</td>
<td><strong>75%</strong></td>
</tr>
</tbody>
</table>

### Eastbound Bicycle Travel Patterns on Lakeway Drive Between King Street and I-5 Southbound On/Off-Ramps

<table>
<thead>
<tr>
<th>Riding Direction</th>
<th>Number of Cyclists</th>
<th>Percent of Cyclists</th>
<th>Riding Direction</th>
<th>Number of Cyclists</th>
<th>Percent of Cyclists</th>
</tr>
</thead>
<tbody>
<tr>
<td>North Sidewalk (With Traffic)</td>
<td>6</td>
<td>18%</td>
<td>North Sidewalk (With Traffic)</td>
<td>3</td>
<td>14%</td>
</tr>
<tr>
<td>On Lakeway (With Traffic)</td>
<td>13</td>
<td>38%</td>
<td>On Lakeway (With Traffic)</td>
<td>9</td>
<td>43%</td>
</tr>
<tr>
<td>On Lakeway (Against Traffic)</td>
<td>2</td>
<td>6%</td>
<td>On Lakeway (Against Traffic)</td>
<td>1</td>
<td>5%</td>
</tr>
<tr>
<td>South Sidewalk (Against Traffic)</td>
<td>13</td>
<td>38%</td>
<td>South Sidewalk (Against Traffic)</td>
<td>8</td>
<td>38%</td>
</tr>
<tr>
<td><strong>Total Cyclists</strong></td>
<td>34</td>
<td><strong>56%</strong></td>
<td><strong>Total Cyclists</strong></td>
<td>21</td>
<td><strong>52%</strong></td>
</tr>
<tr>
<td><strong>Total Cyclists Riding on Sidewalk</strong></td>
<td>19</td>
<td><strong>56%</strong></td>
<td><strong>Total Cyclists Riding on Sidewalk</strong></td>
<td>11</td>
<td><strong>52%</strong></td>
</tr>
</tbody>
</table>

**Over 50% of all bicyclists rode on sidewalk due to lack of a bicycle facility**
Lakeway Drive Bikeway Study

Data Collection & Analysis (March – September 2016)
• Vehicle traffic volumes, speeds, turning movements, collisions, congestion, queue lengths, travel time, lane widths, etc.
• WTA transit ridership, frequency, bus stop usage
• Video footage of pedestrian & bicyclist behavior
• Conditions of sidewalks, crosswalks, ADA needs
• Existing and planned land use development along corridor

Public Information and Involvement
• 2013-2014 extensive public process for Bicycle Master Plan (Included input from all 25 Neighborhoods in Bellingham)
• February 2016: Press release & public notices
• March 2016 – Present: Project web page updates, emails
• March – April 2016: Neighborhood Meetings (Whatcom Falls, Puget, York)
• September 2016: Public Open House
Lakeway-Lincoln Grant Application

- WSDOT Pedestrian-Bicycle Grant Program
- Applied May 6, 2016
- $1,447,000 request for - 4 HAWK signals - Grant & Nevada Bike Blvds
- Site Visit: Sept 2016
- WSDOT list: Dec 2016
- Funding Decision: June 2017
- If funded, then construction possible in 2018
Developing Recommendations

✔ Data collection and evaluation of existing conditions, growth projections, and traffic forecasts

✔ Engage and work with project team partners, citizens, users, and stakeholders

✔ Neighborhood meetings, design workshop, public open house event

What are the next steps?

- Adjustments based on public input, local knowledge, analysis, and technical expertise
- Balance multimodal transportation needs with operational constraints & financial realities
- Recommend short- & long-term transportation improvements along Lakeway Drive (Late 2016)
- Seek grant funding for recommended improvements (2017 and beyond)
LAKEWAY DRIVE BIKEWAY STUDY

Public Input
Written Comments

Mark where you live, work, or own property in relation to the Lakeway Corridor Study Area (below)

Name(s): ______________________________________
Street Address: ________________________________
Email (for Meeting Notices) ______________________
Mail (if different): ________________________________
Bellingham, WA 98____
Please mail or email all written comments to:

Chris Comeau, AICP-CTP, Transportation Planner
Bellingham Public Works Engineering
104 W. Magnolia Street
Bellingham, WA 98225

Call (360) 778-7946 or email ccomeau@cob.org
Questions/Contact

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(360) 778-7946 or ccomeau@cob.org