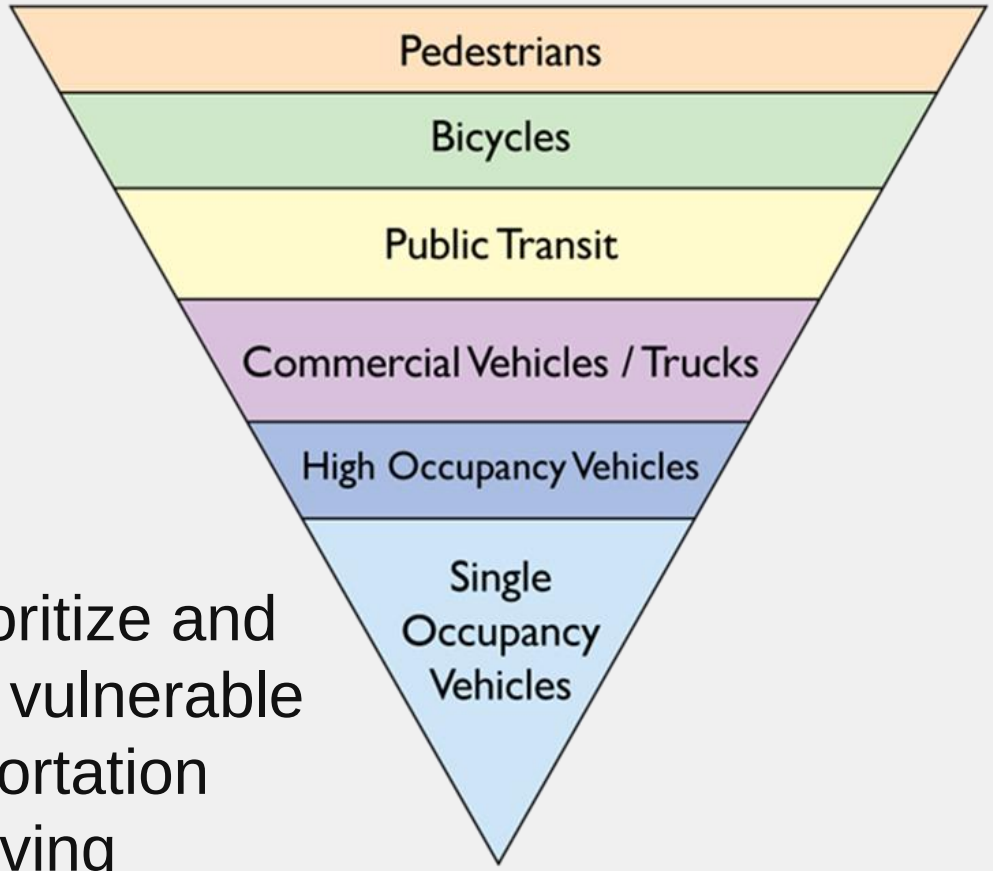
Lakeway Drive Bikeway Study

Planning and Implementing Our Citywide Bicycle Network

City of Bellingham Public Works

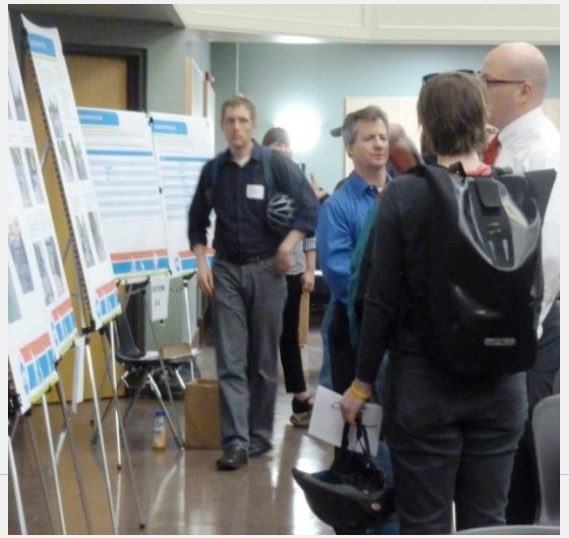
Modal Priority in Transportation Planning



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

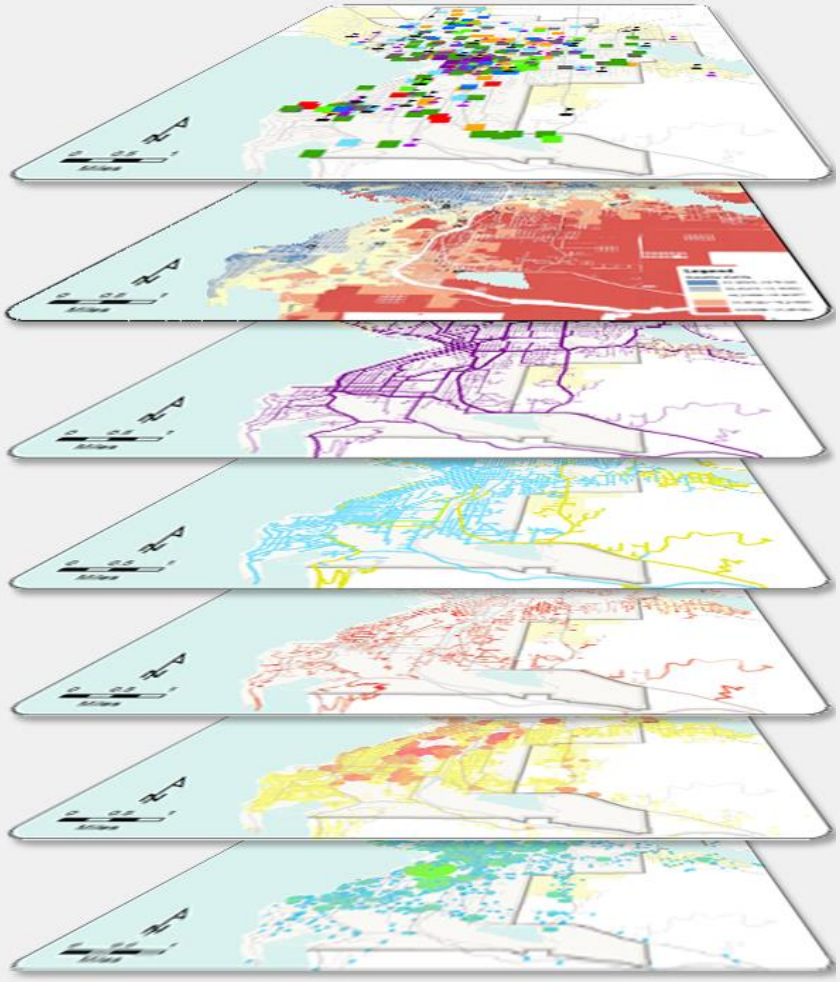
Bicyclists of all ages and abilities have access to a safe, well-connected network linking all areas of Bellingham.

Target Audience for Increasing Bicycle Mode Share

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

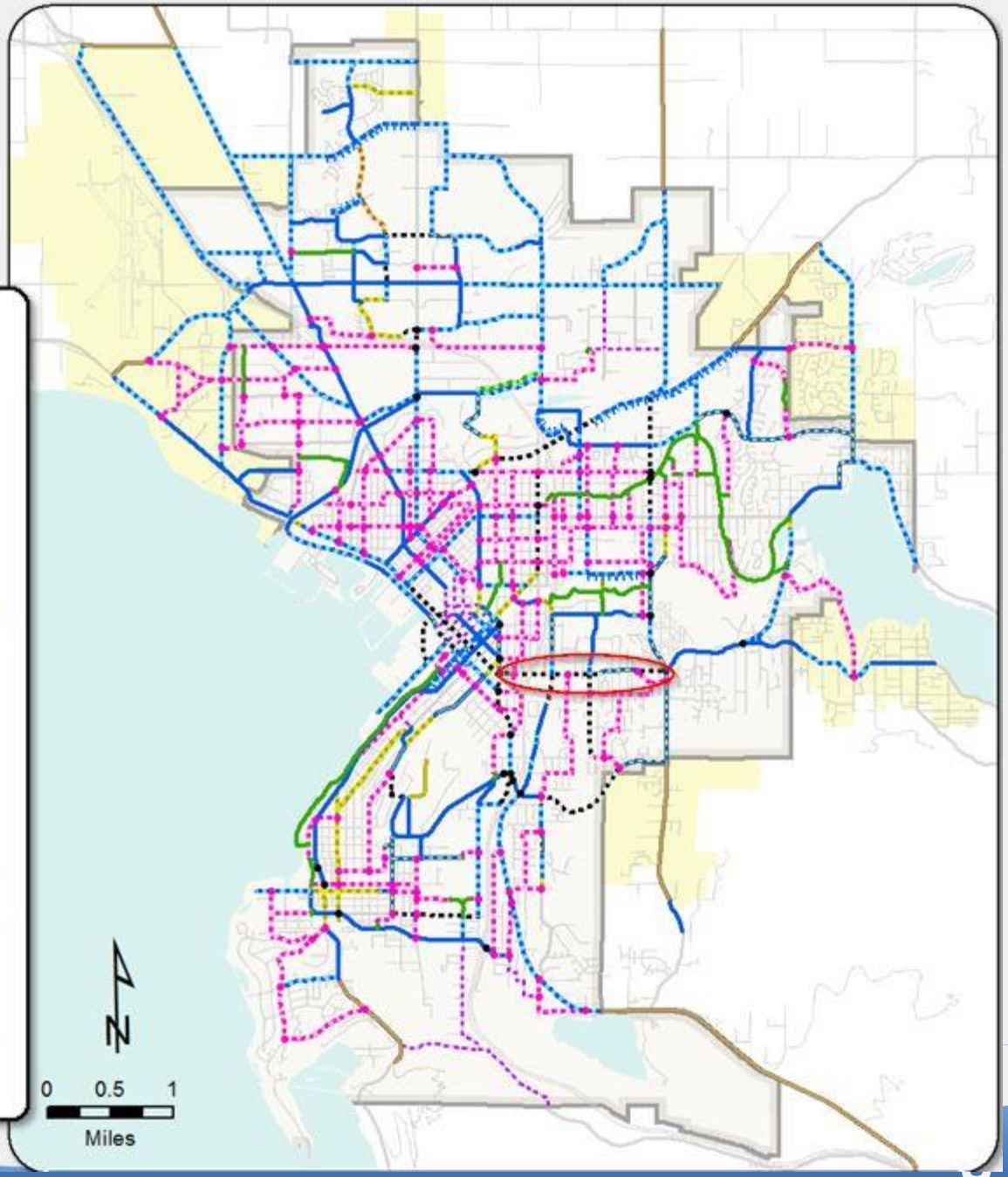
Climbing Lane

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 - ranked #2 out of 186 bikeway links
- ranked #1 for Further Study Needed

Bellingham Bicycle Master Plan - Recommended Network Project Prioritization List						
NOTE: To search this list for specific projects type "Ctrl" + "F" and enter all or part of the street name.						
Short-Term Projects						
Project ID	Project Street (or route)	From	To	Recommended Improvement	Final Prioritization Score	Planning-Level Estimated Project Costs See Cost Calculator Worksheet for Estimate Rates (red text denotes cost estimates from City Engineer)
CW-16	Young/Kentucky/Nevada/Texas	Halleck	Woburn	Bicycle Boulevard	64.922	$211,780
FSN-5	Lakeway	Queen	Ellis	Further Study Needed	57.312	$0
CW-34	Lincoln/Meador/Grant/Ohio	Lakeway	Cornwall	Mixed	53.217	$63,120
CW-20	Illinois	Woburn	Lynn	Mixed	48.942	$249,733
CW-9A	Holly	Ellis	Bay	Further Study Needed	46.140	$0
CW-9B	Chestnut	Bay	Ellis	Mixed	46.140	$46,158
CW-5	24th	Old Fairhaven Parkway	Douglas	Bicycle Boulevard	45.853	$21,955
FSN-10	James	Illinois	Iowa	Further Study Needed	42.037	$0
CW-33	Byron/34th/Abbott/Pasco/Humboldt/Whatcom/Grant/Potter/Humboldt	Bill McDonald	Gladstone	Bicycle Boulevard	41.608	$164,525
CW-24	Barkley/Chandler/Mcleod	Woburn	Magrath	Upgrade Existing Bike Lane	40.757	$66,133
N-60	Lincoln	North	Iowa	Bicycle Boulevard	40.735	$19,191
N-70	F	Roeder	Cornwall	Bike Lane	40.539	$66,229
CW-35	Mill	12th	24th	Bicycle Boulevard	38.584	$175,809
CW-28	Maplewood/Alderwood/Bennett	Northwest	Airport	Mixed	38.160	$207,179
CW-11	Holly/Elridge/Nequalicum	F	Nome	Mixed	35.805	$87,989
CW-30	Aldrich/Northwest	Horton	Bakerview	Bike Lane	35.442	$79,759
FSN-14	Meridian	McLeod	Telegraph	Further Study Needed	34.868	$0
CW-26	Fruitland/Orchard/Squalicum/Ellis	Fruitland/Division Trail Connection	Illinois	Mixed	34.755	$107,726
N-93	Meridian	McLeod	Squalicum	Bike Lane	31.955	$32,195

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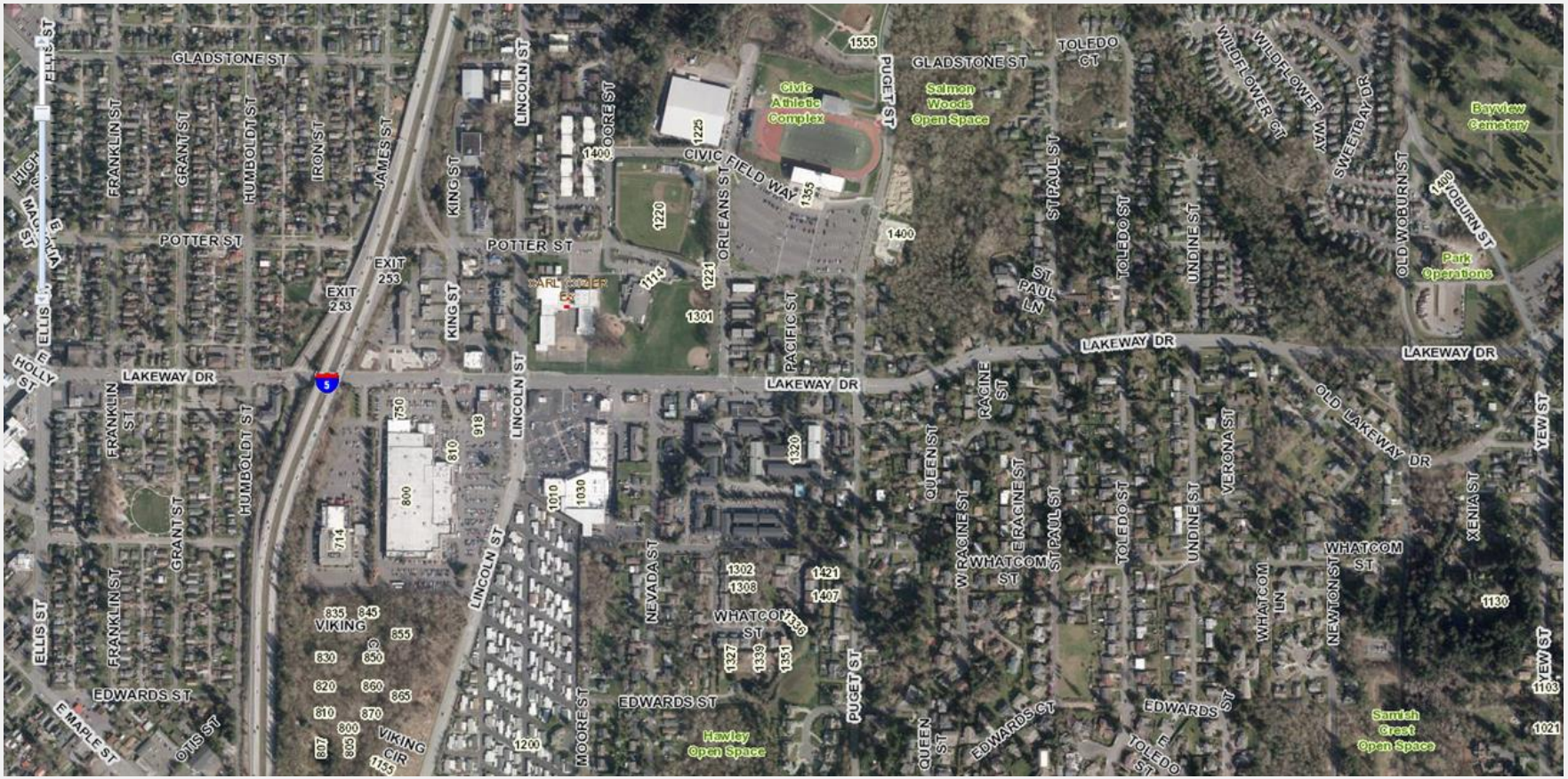
From Ellis/Holly, beneath I-5, to Woburn/Yew



Lakeway Drive Bikeway Study

Project Team

- Bellingham Public Works & Planning
- WSDOT
- WTA transit
- TranspoGroup consultants

Stakeholders

- Neighborhood Associations
- Property Owners
- Businesses
- Public Agencies (BSD, Parks, etc)

Lakeway Drive Bikeway Study

Data Collection

- Vehicle traffic volumes, speeds, turning movements (Lakeway Drive and I-5 on-/off-ramps)
- WTA transit ridership, frequency, bus stop usage
- Video footage of pedestrian & bicyclist behavior
- Existing and planned development along corridor

Public Information and Involvement

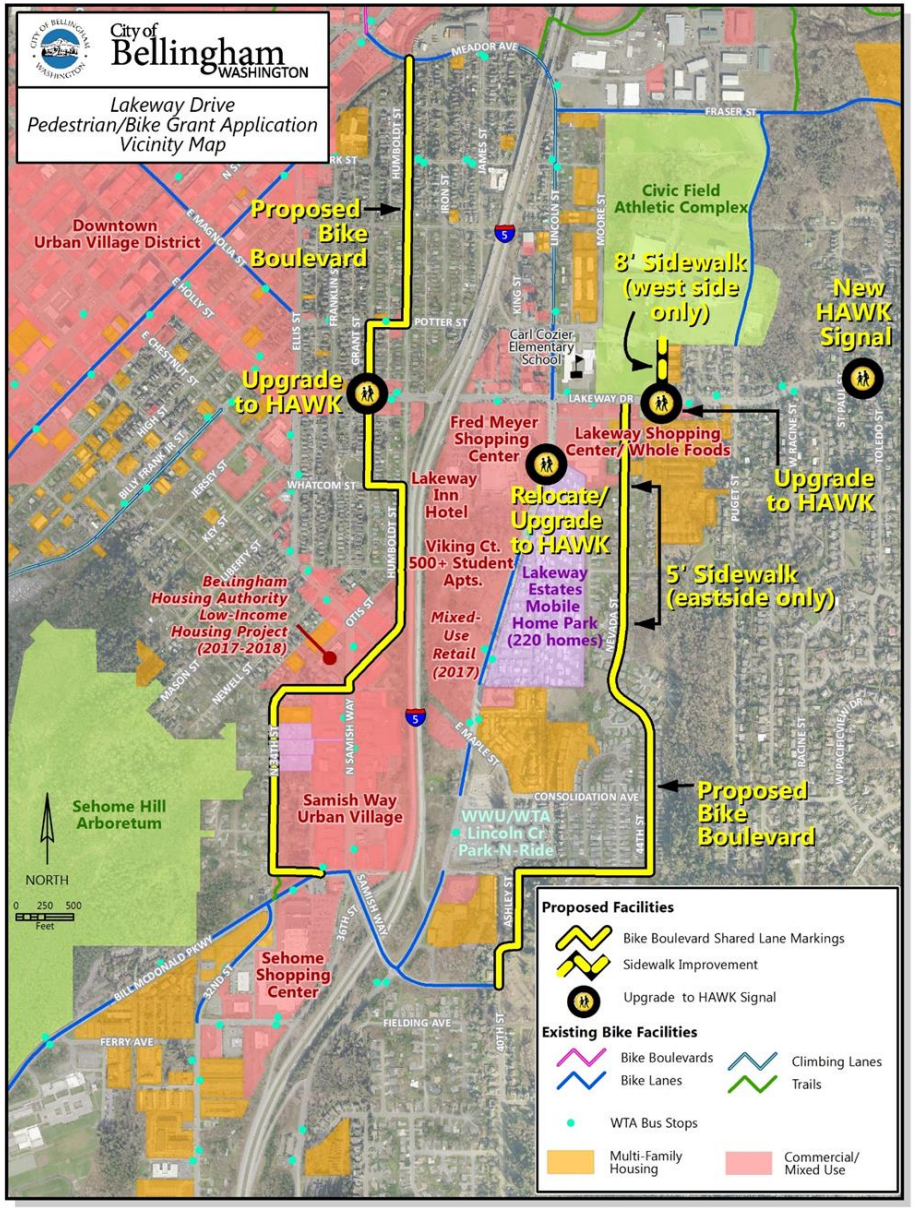
- 2013-2014 Bicycle Master Plan public process
- 2016 Neighborhood Association Meetings
- 2016 Public Open Houses
- 2016 Project web page updates and emails

Developing Recommendations

- Data collection and evaluation of existing conditions, growth projections, and traffic forecasts
- Engage and work with project team partners and stakeholders
- Neighborhood meetings, design charrettes, public open house events
- Balance multimodal transportation needs with financial realities
- Adjustments based on local knowledge and expertise
- Recommend short- & long-term bikeway multimodal transportation improvements along Lakeway Drive (Late 2016)
- Seek grant funding for improvements

Lakeway-Lincoln Grant Application

- WSDOT Pedestrian-Bicycle Program Grant (2017-2019)
- Applied May 6, 2016
- $1,447,000 request
- Decision - June 2017
- If funded, then construction 2018



Questions/Contact

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