

# Roosevelt RapidRide Project



Sustainability & Transportation Committee  
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Seattle  
Department of  
Transportation



# Our mission, vision, and core values

**Mission:** deliver a high-quality transportation system for Seattle

**Vision:** connected people, places, and products

Committed to **5 core values** to create a city that is:

- Safe
- Interconnected
- Affordable
- Vibrant
- Innovative

For **all**

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# Presentation overview

1. RapidRide Expansion Program
2. Roosevelt LPA
3. Funding Plan
4. Council Action Requested
5. Next steps

# Background

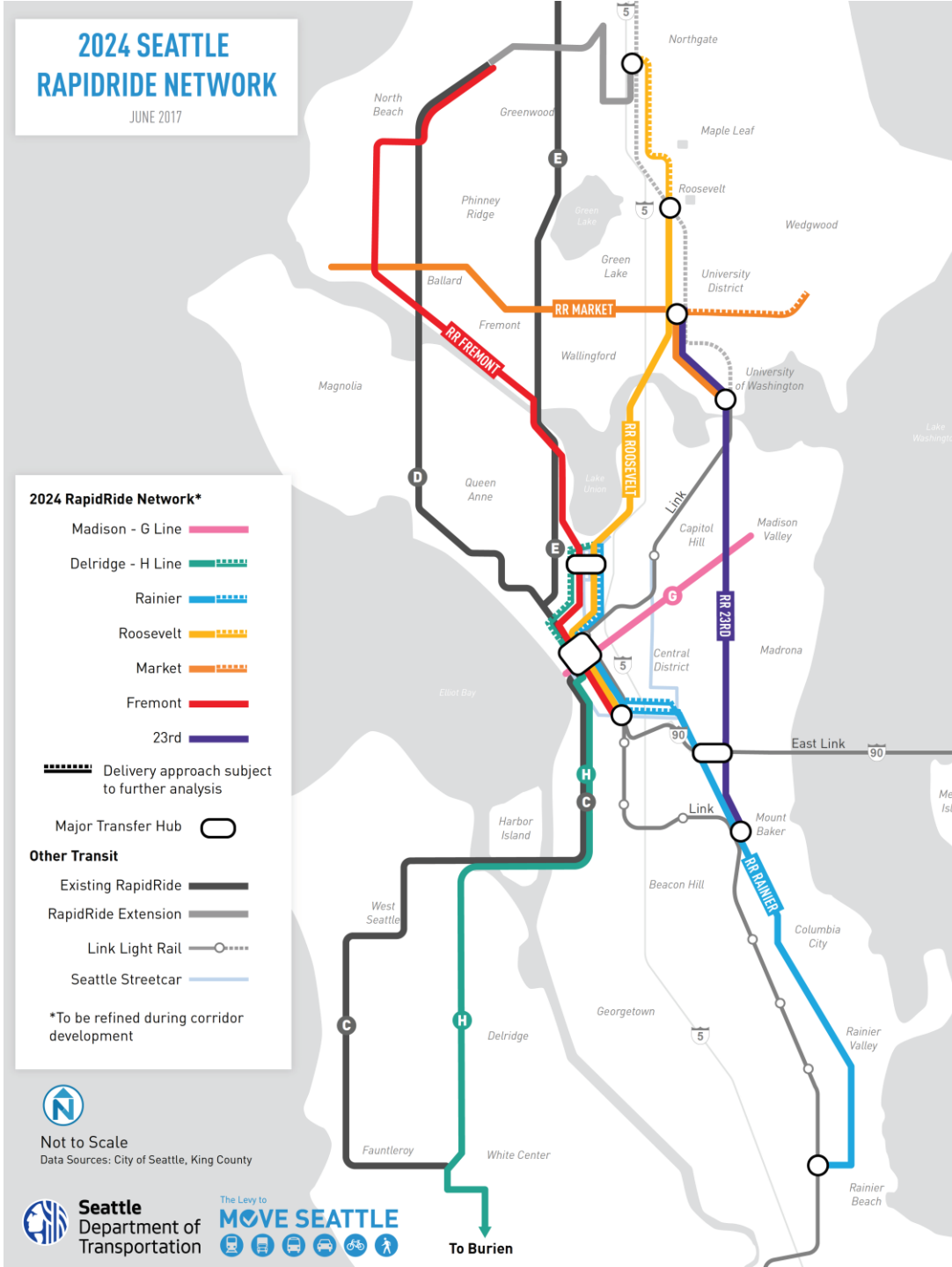
- Levy to Move Seattle
  - Move Seattle transit promise: 72% of residents will have 10 min. or better all-day service within a 10-min. walk from their home
  - 7 transit and multimodal corridors
- Transit Master Plan (February 2016)
  - Planning-level concepts for 7 RapidRide lines
- RapidRide Expansion Program Report
  - Timeline
  - Corridor development process
  - Performance goals





# Seattle RapidRide Expansion Program

- Upgrades 7 lines
- Adds **50,000 daily riders** by 2035
- Creates over **a 60-mile network**
- Offers **10-minute** or better service



# RapidRide investments

## DEDICATED BUS LANES

Bus-only lanes and queue jumps separate buses from traffic, increasing speed and reliability.



## ENHANCED BUS STOPS

RapidRide stations include real-time arrival information, larger shelters, lighting, and other amenities.



## OFF-BOARD FARE COLLECTION

Off-board fare collection helps buses move faster as riders can pay fares without waiting in line.



## SPECIALIZED BUSES

RapidRide buses offer more capacity and lower floors for easier loading and unloading.



## SMART SIGNALS

Transit signal priority extends or activates green lights to reduce waiting times for buses at signals.



## BIKE AND PEDESTRIAN CONNECTIONS TO TRANSIT

Improvements to crossings, neighborhood greenways, and bike lanes will help people access new RapidRide lines and improve safety along the corridor.



# Seattle performance goals

## **RAPIDRIDE** performance goals

**Frequent service**  
all day, evening, weekend

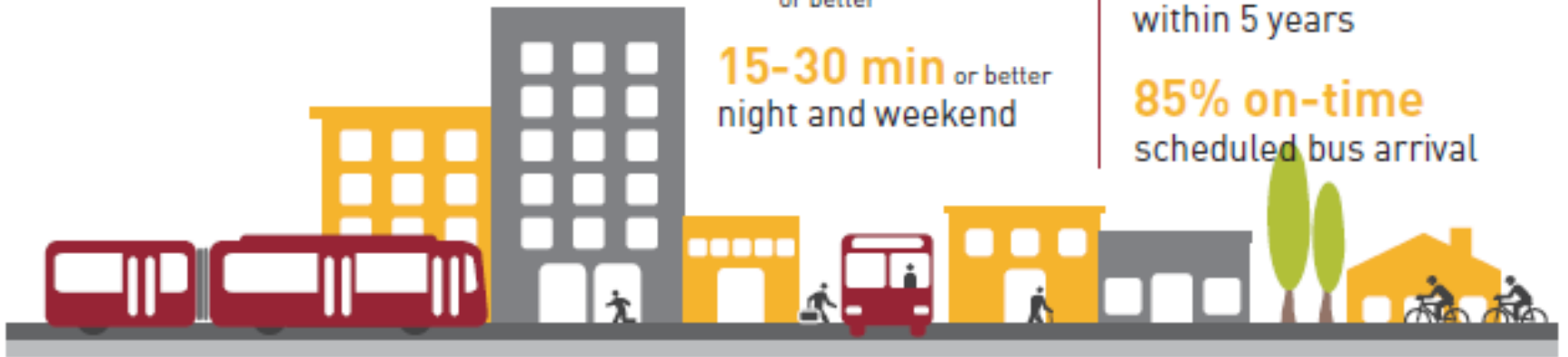
**10-min** all day  
or better

**15-30 min** or better  
night and weekend

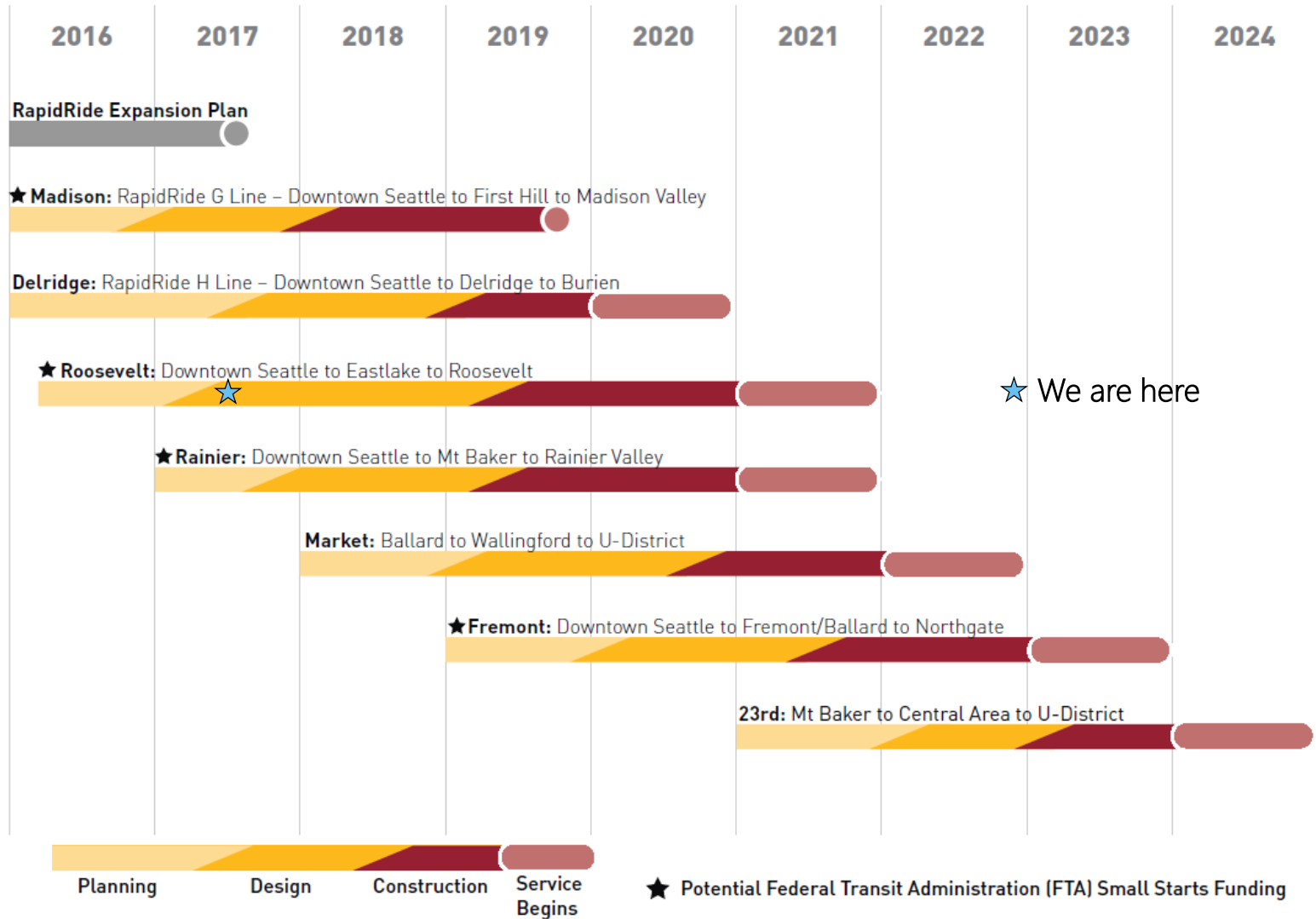
**10-15% faster**  
bus travel times

**+50% ridership**  
within 5 years

**85% on-time**  
scheduled bus arrival



# Seattle program timeline



Schedule subject to change



# Roosevelt project background

- Identified in 2012 TMP as a high-priority, high-capacity transit corridor
- SDOT-led planning and community engagement effort from 2014-2016
  - Three rounds of outreach
  - On-going community engagement
  - Focus on transit mode, design options, and recommended corridor concept
- Consistent with 2016 TMP, Move Seattle, and included in Metro Connects long-range plan
- Roosevelt AAC project installed transit islands and southbound PBL



# Need

16,000 new residents, 84,000 new employees by 2035

Transit travel times 20-30% slower during peak hours

32% of daily trips and 63% of peak trips exceed capacity

Need for bicycle and pedestrian improvements

Climate Action Plan

# Benefit

High-capacity, frequent, one-seat ride from North Seattle to South Lake Union and Downtown

Peak hour transit travel times improved by up to 20%

10-minute all day service and increased evening and weekend service

Extensive bike and pedestrian infrastructure investment

Expanded zero-emission trolley network

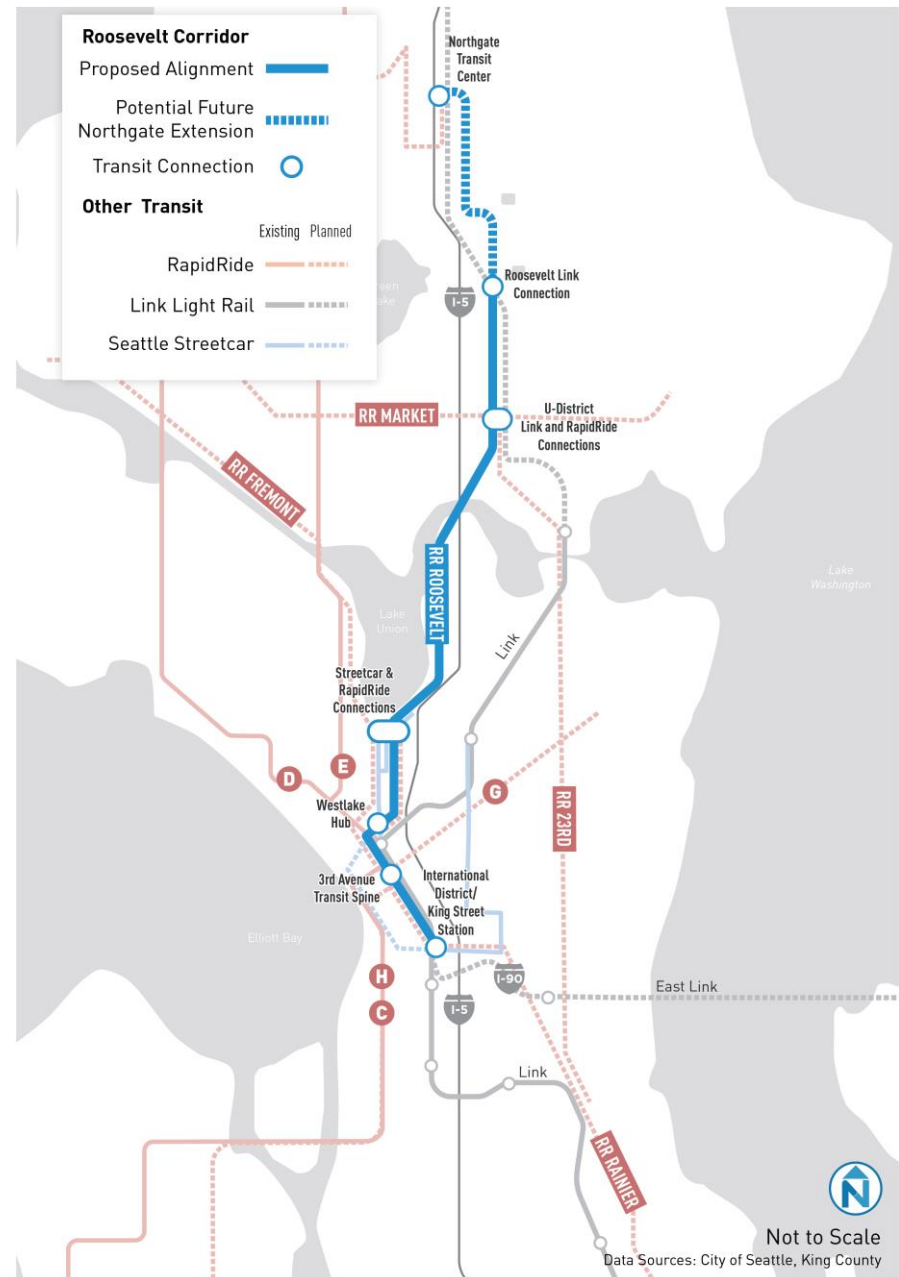
# What is a Locally Preferred Alternative?

- Determines project need, purpose, termini, alignment, and mode
- Demonstrates the City's commitment to working with FTA to develop the project
- Allows the City to enter into an agreement with FTA to work together to develop the project

# Roosevelt LPA

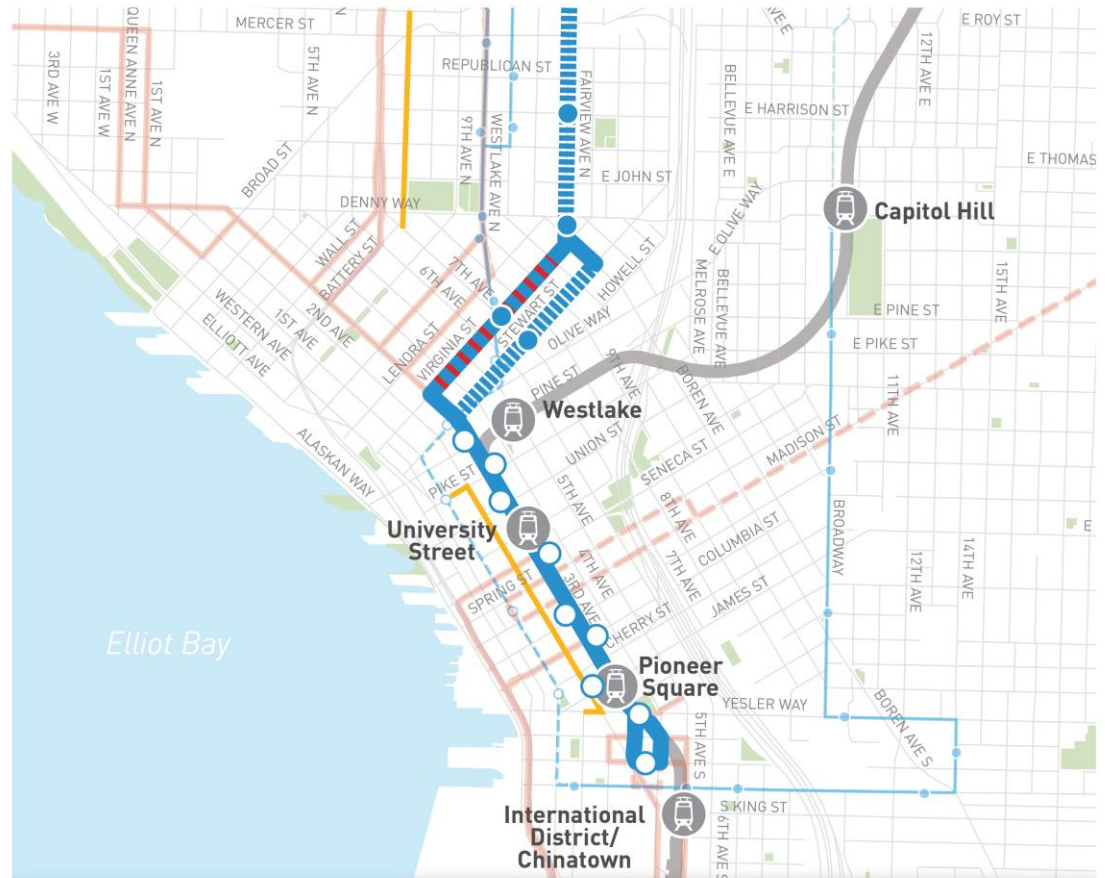
LPA includes:

- BRT connecting the Roosevelt Link station and the International District Link station through Downtown, South Lake Union, and University District
- Decrease in transit travel time up to 20%
- High-frequency, all-day service:
  - 10 minute: 6am – 7pm
  - Hourly overnight service
- Improved pedestrian and bicycle access:
  - protected bike lanes along a significant portion of the corridor
  - streetscape improvements and curb ramps



# Downtown & South Lake Union

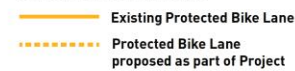
- Use existing RapidRide stations on 3<sup>rd</sup> Ave and Stewart BAT lanes
- Add Virginia transit lane and Fairview BAT lane



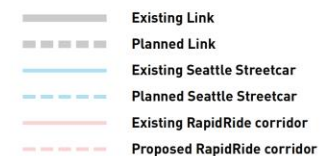
## Corridor Treatment



## Bike Improvements



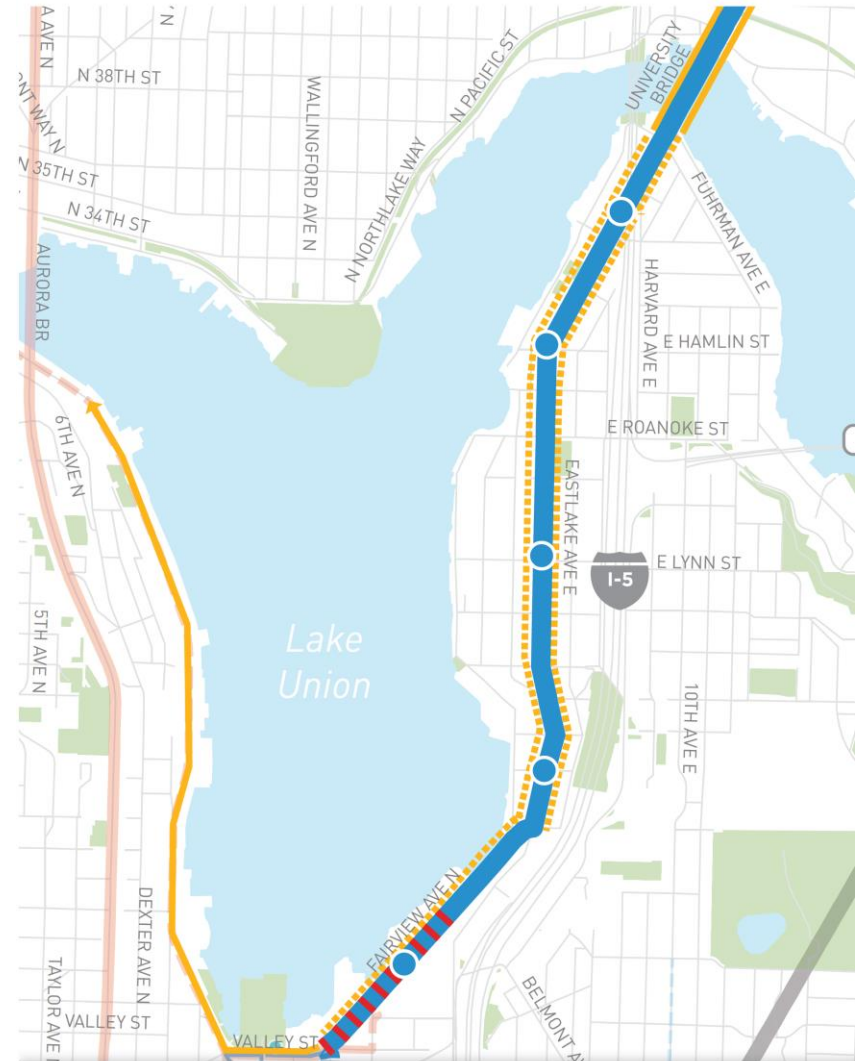
## Other Transit Facilities





# Fairview & Eastlake

- Transit lane on Fairview between Valley and Aloha
- Transit priority investments
  - Signal upgrades and queue jumps
  - Bus islands for in-lane stops
- Protected bike lanes from Valley through University Bridge
- Parking removal along corridor; general purpose traffic in travel lanes with buses



# U District & Roosevelt

- Roosevelt Ave
  - Utilize existing transit islands (partially funded by the Roosevelt project)
  - Signal upgrades, queue jump, and OCS
- 11<sup>th</sup>/12<sup>th</sup> couplet
  - Paving
  - Transit islands
  - Signal upgrades, queue jumps, and OCS
  - Protected bike lane on 11<sup>th</sup> from University Bridge to Roosevelt
- BRT station locations and pedestrian access coordinated with new Link stations



# Funding plan

- Delivery of the Project in LPA contingent on FTA Small Starts grant
- FTA project rating and funding recommendation mid-2018
- If there is no Small Starts, project elements will be revised with community, Council, and partners

Funding Source	Amount
Levy to Move Seattle (secured)	\$13.7 M
Regional Partnerships and Grants	\$21.3 M
FTA Small Starts Grant	\$35 M
<b>TOTAL</b>	<b>\$70 M</b>

# Council action needed

- Adopt Locally Preferred Alternatives for Roosevelt
  - Required milestone for Federal Transit Administration Small Starts Program
  - Commits to fully funding project development phase
- Amend Ordinance 12505 to include Roosevelt Multimodal Corridor (TC367380)

# Next steps

Date	Activity
July	Council action on Roosevelt LPA and Ordinance 12505
September	Small Starts application for Roosevelt RapidRide Project
Fall 2017	30% Design & Outreach
Mid-2018	FTA Small Starts rating and funding recommendation



# Questions?

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<http://www.seattle.gov/transportation/roosevelthct.htm>

