Route 40 Transit-Plus Multimodal Corridor Project

Seattle Freight Advisory Board
April 20, 2021
Agenda

1. Introductions
2. Project Objectives, Schedule, & Funding
3. Concept Updates
4. Next Steps
Presenters

Virginie Nadimi
King County Metro
Transportation Planner

Josh Shippy
SDOT
Project Manager

Elisabeth Wooton
SDOT
Project Developer
Project Objectives

- Make bus trips faster and more reliable, now and in the future
- Make it safer and easier to access transit
- Respond to community needs and priorities
- Fulfill Levy to Move Seattle commitments
# Project Funding

<table>
<thead>
<tr>
<th>Funding Source</th>
<th>Funding Amount</th>
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<tbody>
<tr>
<td>Move Seattle Levy</td>
<td>$7.7M</td>
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<tr>
<td>Local Sources</td>
<td>$0.1M</td>
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<tr>
<td>Connecting Washington</td>
<td>$3.4M</td>
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<tr>
<td>Federal Grants</td>
<td>$4.0M</td>
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<tr>
<td>King County Metro Partnership</td>
<td>$2.5M</td>
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<tr>
<td>Seattle Transit Benefit District (STBD)</td>
<td>$3.0M</td>
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<tr>
<td>Vehicle Licensing Fee (VLF)</td>
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<tr>
<td><strong>Total Budget</strong></td>
<td><strong>$20.7M</strong></td>
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*As of March 2021*
Project Schedule

- **Planning**: 2018, 2019
- **Design**: 2020, 2021
- **Construction**: 2022, 2023, 2024

Public Involvement
Key Improvement Areas
Westlake Area Design Concepts

- **Bus lanes (arrows indicating direction)**
- **Concrete bus pad. Install concrete bus pads in roadway at southbound bus stops to reduce pavement failures.**
- **Accessible Pedestrian Signal (APS)**
- **Bus stop**

**Bike lane improvements for southbound cyclists**
Proposed Changes

- Install southbound transit only left-turn lane
- Convert thru lane into general purpose left-turn lane
- Queue jump at Highland Dr to facilitate southbound transit movements

Expected Benefits

- Reduced transit travel times and improved reliability
Fremont Area Design Concepts

Install protected bicycle lane northbound/uphill

Bus lanes (arrows indicating direction)
Accessible Pedestrian Signal (APS)
Bus stop
N 36th St Bus Lane
between 1st Ave N to Fremont Ave N

Proposed Changes
- Southbound bus lane
- Narrow two-way center turn lane
- Wider travel lanes

Expected Benefits
- Reduced transit travel times and improved reliability southbound
- Lane widths closer to standards for all users
- Designated space for left turns
Fremont Ave N
between N 34th St and N 35th St

Proposed Changes

- Bus lanes in both directions and standardize lane widths
- Repaving and sidewalk reconstruction
- Westbound left-turn pocket on N 35th St for transit only
- Restrict northbound left-turns from Fremont Ave N to N 34th St all times of day

Expected Benefits

- Reduced transit travel times for multiple bus routes
- Improved access and safety for people walking and biking
Ballard Area Design Concepts

- Relocate bus stop to signalized greenway crossing at Dock Pl.
Proposed Changes
- Channelization modifications to improve operations on Leary Way
- Sidewalk repair, curb ramp upgrades, and Accessible Pedestrian Signal (APS) at 15th Ave

Expected Benefits
- Reduced transit travel times
- Improved access to transit for pedestrians
Leary Ave Road Diet
between 20th Ave NW and 15th Ave NW

Proposed Changes
▪ Reduce total number of travel lanes (from 4 to 3)
▪ Two-way center turn lane
▪ Wider travel lanes and parking lanes

Expected Benefits
▪ Standard lane widths for all vehicles
▪ Designated space for left turns
Leary Ave NW at 20th Ave NW & Vernon Pl

Proposed Changes

- Install traffic signal
- Construct concrete curb bulbs
- Relocate south crosswalk
- Restrict northbound 20th Ave NW to right-out only and construct median islands

Expected Benefits

- Reduced travel times on Leary Ave NW
- Clarified vehicle movements and fewer turning conflicts
- Improved pedestrian crossings
Leary Ave Bus Lane
between NW Market St and 20th Ave NW

Proposed Changes
- Northbound bus lane
- Two-way center turn lane

Expected Benefits
- Reduced transit travel time for northbound buses
- Designated space for left turns
- Supports improvement of existing midblock crossing
NW Market St Bus Lanes
between 24th Ave NW and 22nd Ave NW

Proposed Changes
- Bus lanes in both directions
- Extend bus bulbs to accommodate three buses

Expected Benefits
- Reduced transit travel times
- Improved boarding and alighting operations
North Seattle Area Design Concepts

Northbound bus lane approaching Greenwood Ave

Bus Zone Extension to accommodate two coaches

Minor markings modifications to reduce congestion for eastbound vehicles

- Bus lanes (arrows indicating direction)
- Bus stop
Holman Rd Bus Lane  
*between 3rd Ave and 104th St*

**Proposed Changes**
- Northbound bus lane
- Remove two-way center turn lane, maintain two general purpose lanes northbound
- Prohibit left turns from Holman Rd in both directions

**Expected Benefits**
- Reduced transit travel time for northbound buses
Next Steps

- Summarize and incorporate feedback as appropriate
- Continued coordination with SDOT divisions and Metro
- Finalize 30% design and estimate (targeting early June)
Comments/Questions?

Route40@seattle.gov
http://www.seattle.gov/transportation/route40