Route 40 Transit-Plus Multimodal Corridor Project

Seattle Bicycle Advisory Board Meeting
August 5, 2020
Presenters

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Agenda

1. Route 40 Background
2. Project Objective & Scope
3. What we heard to date
4. Concepts Ideas, request for SBAB input
5. Current Schedule & Funding
6. Next Steps
1  Route 40 Background
Route 40 Introduction

- 13.5 miles long
- Buses scheduled every 5-10 min during peak periods
- Bus stops every ¼ mile
2 Project Objective & Scope
Route 40 Transit Plus-Multimodal Corridor Project Objectives

- Make bus trips faster and more reliable, now and in the future
- Make it safer and easier to get to and on the bus
- Respond to community needs and priorities
- Fulfill Levy to Move Seattle commitments
Route 40 TPMC Target Study Segments

LEGEND
- Route 40: Makes all regular stops.
- Areas under consideration
- Transfer point
- RapidRide route
- Link light rail station
3 What we heard to date
Who We Heard From

- Online survey opened 2/24/2020 to 4/3/2020, received 1060 responses
- King County operator ride along and survey
- 40 attendees of 6/30/2020 virtual meeting
What We Heard So Far

ROUTE 40 RIDER PRIORITIES

1. Bus speed and reliability improvements
2. Walking and bicycle accessibility improvements and new crossings
3. Keeping cars and freight moving
4. Reducing traffic speeds for safety reasons
5. Keeping parking along the route
4 Concepts Ideas

Study Segments – Draft

Request for SBAB input
Route 40 Concept Ideas

- Transit stops
  - Bus bulb outs
  - Stop relocation/consolidation
  - Extended bus zone

- Bus Lanes

- Roadway
  - Queue jumps
  - Turn restrictions
  - Channelization
  - Curb bulbs
Route 40 Concept Ideas - Walking & Biking

WALKING AND BIKING PROJECT IDEA RANKINGS

1. Improved sidewalks and crosswalks
2. Accessible ramps and curbs at intersections
3. Improved bike paths and crossings
4. Improved bike connections
Westlake Segment - DRAFT

NOTE: ADDITIONAL ANALYSIS REQUIRED AT 9TH & ROY AND 9TH & MERCER INTERSECTIONS

EXISTING SIGNALIZED INTERSECTION

EMPHASIZE AND IMPROVE I-5 ACCESS AT 9TH AVE & MERCER TO REDUCE CONGESTION & BLOCKING AT WESTLAKE & MERCER

RELOCATE AND OPTIMIZE LEFT TURNS AT DOWNSTREAM INTERSECTIONS OF ROY AND MERCER

IMPROVEMENTS FOR PEOPLE BIKING

EXPANDED LEFT TURN LANE TO MAINTAIN ACCESS NEEDS BETWEEN WESTLAKE, VALLEY, AND EASTLAKE

KEY
EXISTING CURB
NEW CURB
NEW SIDEWALK
BUS STOP
CONCRETE BUS PAD

CHANNELIZATION ELEMENTS

24/7 BUS ONLY
LANDSCAPING

EXISTING OUTBOUND ROUTE 40 AND C LINE STOP
EXTENDED LEFT TURN LANE

NOTE MERCER LEFT TURN QUEUE SPILLING INTO GP LINES

SIGNIFICANT BLOCKING AND CONGESTION AT INTERSECTION DUE TO LEFT TURN QUEUES THROUGHOUT VICINITY

OPTIONAL OUTBOUND FARSIDE ROUTE 40 STOP

NOTE STUCK STREETCAR DUE TO LEFT TURN QUEUE AT WESTLAKE & MERCER

RELOCATE SB WESTLAKE TO EB VALLEY LEFT TURN TO 8TH & ROY INTERSECTION
RIGHT TURN ONLY EXCEPT TRANSIT

OPTIONAL INBOUND FARSIDE ROUTE 40 STOP

NOTE VALLEY LEFT TURN QUEUE SPILLING INTO GP LINES

LOADING & PARKING

MATCH LINE - SEE BELOW

WESTLAKE AVE N

9TH AVE N

ALOHA ST

WESTLAKE AVEN

VALLEY ST

ALOHA ST

MATCH LINE - SEE BELOW

CENTER RUNNING TRANSIT LANE
- Project 3: Protected Bike lane at N 34th St
- Project 12: Restrict right turns from NB Fremont to EB 35th St
- Project 15: Improve and expand stops at 34th St
- Project 17: Restrict all left turns at intersection of Fremont & N 34th, and move remaining NB Fremont to WB 34th left turn access to Evanston
- Project 18: Bus Lanes on Leary Ave NW between Market and 15th
- Project 19: Consolidate bus stops; connect to greenway crossing; add bulbs
Ballard/ Market Segment (20th/ Leary)- DRAFT
Ballard/ Market Segment (Market/22nd/Leary) - DRAFT
5  Current Schedule

Funding
Planning
What we do: Collect traffic and transit data, review previously completed studies, develop concepts and gather community experiences to define options.

Design
What we do: We work with the community and produce a more detailed project design.

Construction
What we do: We construct the project and keep the community informed on the latest construction updates, schedule, and expected impacts.
## Route 40 TPMC Project Funding

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<thead>
<tr>
<th>Funding Source</th>
<th>Funding Amount</th>
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<tr>
<td>Move Seattle Levy</td>
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<td><strong>Total Budget</strong></td>
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6   Next Steps
Next Steps

- Use community feedback to shape draft concepts
- Perform technical evaluations of concepts, including operational review, cost estimating, and construction feasibility
- Partner agency and stakeholder coordination on revised concepts
- Advance select concepts to 30% design
- Future opportunities for input
Comments/Questions?

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