



Route 40 Transit-Plus Multimodal Corridor Project

MS Live Virtual Outreach Event
June 30, 2020



Meeting Logistics



- Meeting participants joined with mute on automatically
- Submit questions and comments into the chat box
- Moderator will review Q&A for presentation
- Presentation will be available on project website after the event

Presenters & Moderator



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Planner

Agenda

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



Route 40



SDOT Vision, Mission, and Core Values



Vision: Seattle is a thriving, equitable community powered by dependable transportation

Mission: to deliver a transportation system that provides safe and affordable access to places and opportunities

Committed to **6 core values:**

1. Equity
2. Safety
3. Mobility
4. Sustainability
5. Livability
6. Excellence



Route 40

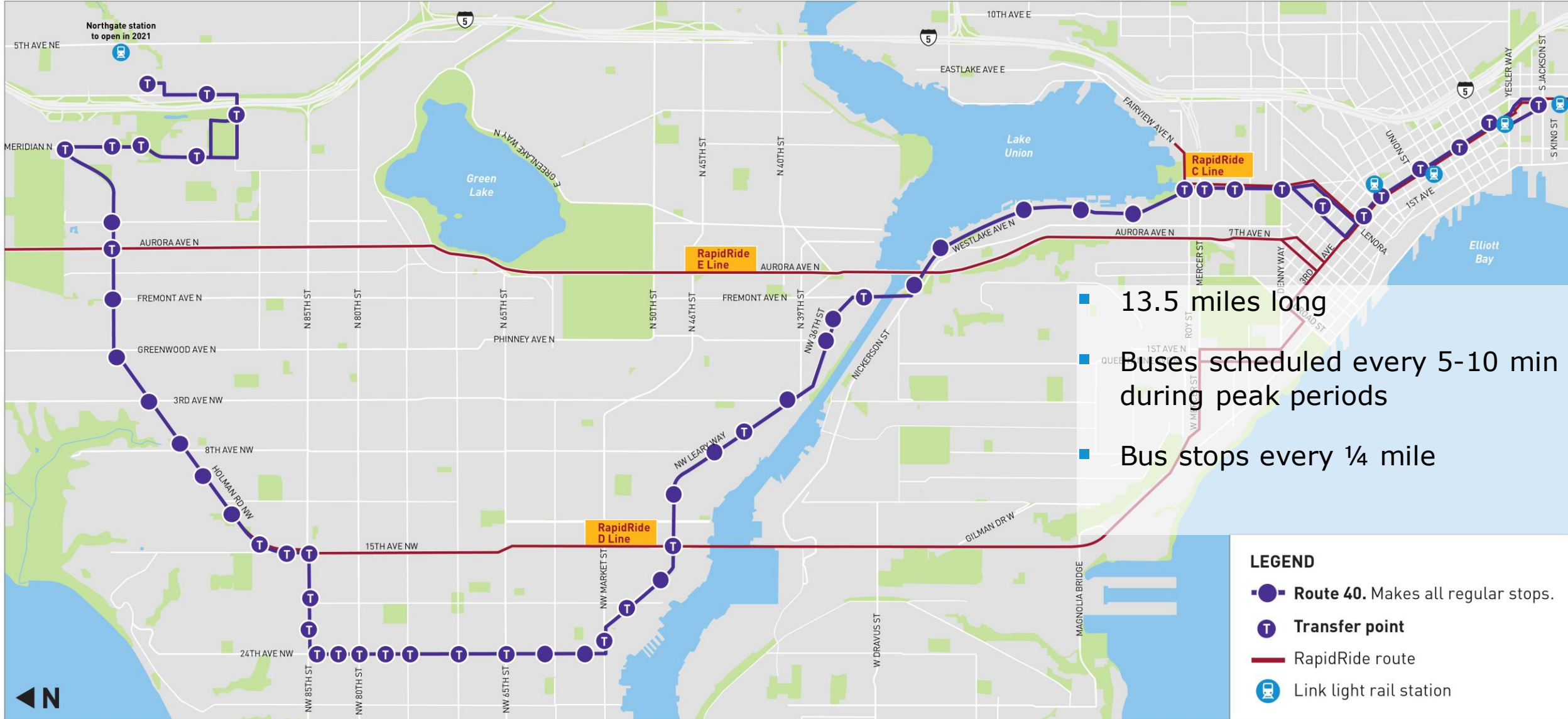


1 Route 40 Background

Route 40 Introduction



Route 40



- 13.5 miles long
- Buses scheduled every 5-10 min during peak periods
- Bus stops every 1/4 mile

LEGEND

- Route 40. Makes all regular stops.
- Transfer point
- RapidRide route
- Link light rail station

Population and Passenger Types



Route 40



- Over 95,000 people live within 1/2 mile of the Route 40 corridor

Passenger Types	Percent of Route 40 ORCA rides
Adult	81%
Low Income	6%
Disabled	5%
Senior	4%
Youth	4%



Ridership

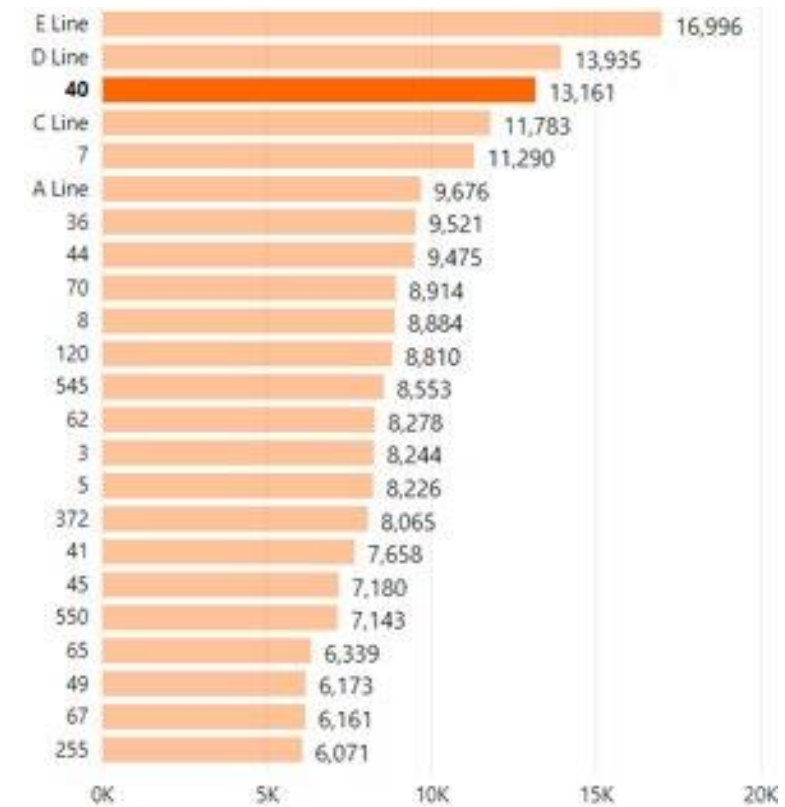


Route 40



- 3 million annual rides
- Route 40 accounts for 3% of all Metro ridership (2019)
- Even during COVID19, Route 40 is still one of Metro's highest ridership routes at about 3,900 average weekday riders (as of June 15, 2020)

Routes by Average Weekday Ridership (April 2019)



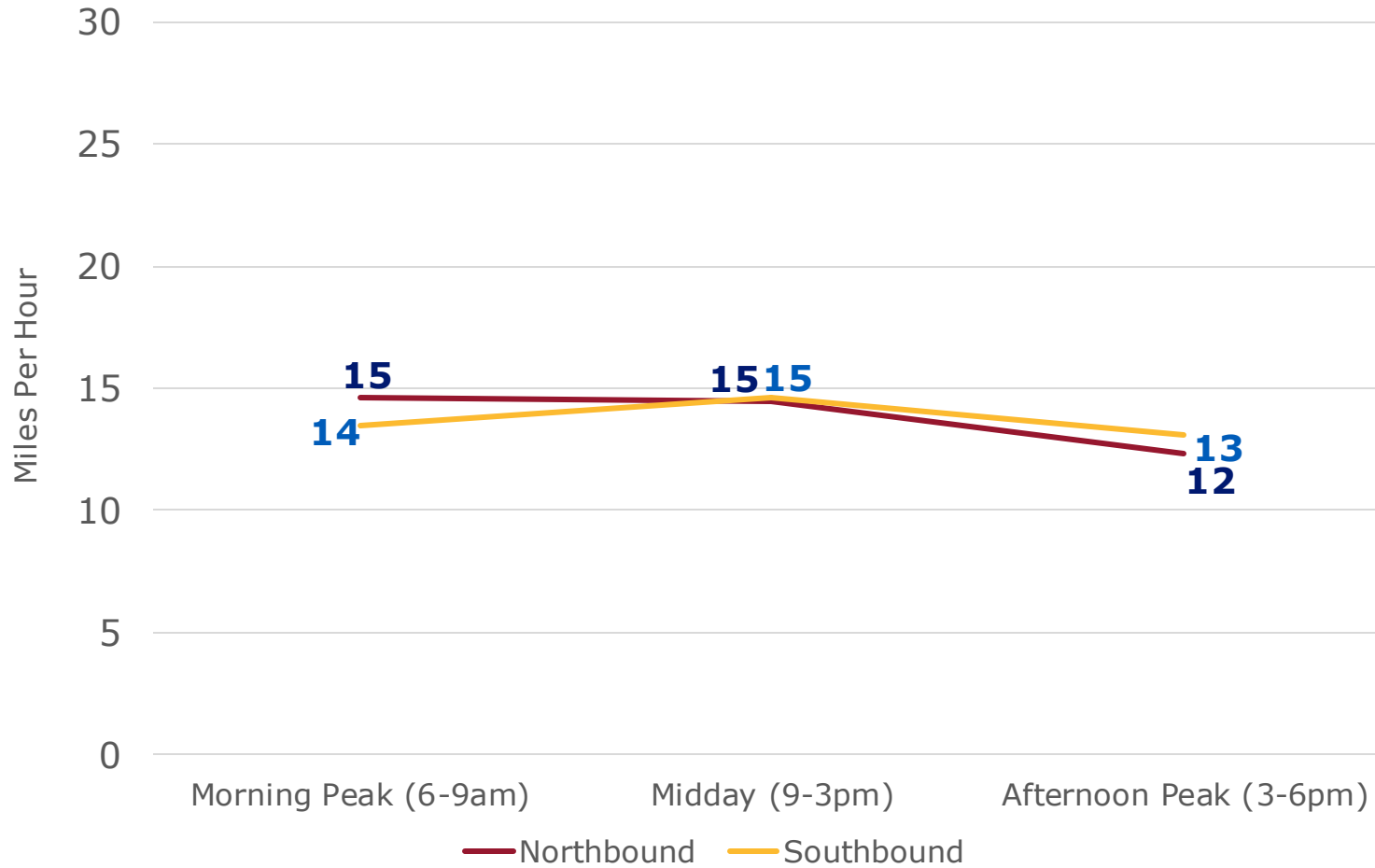
Transit Speed



Route 40



Average Route 40 Weekday Bus Speeds - April 2019



On-Time Performance

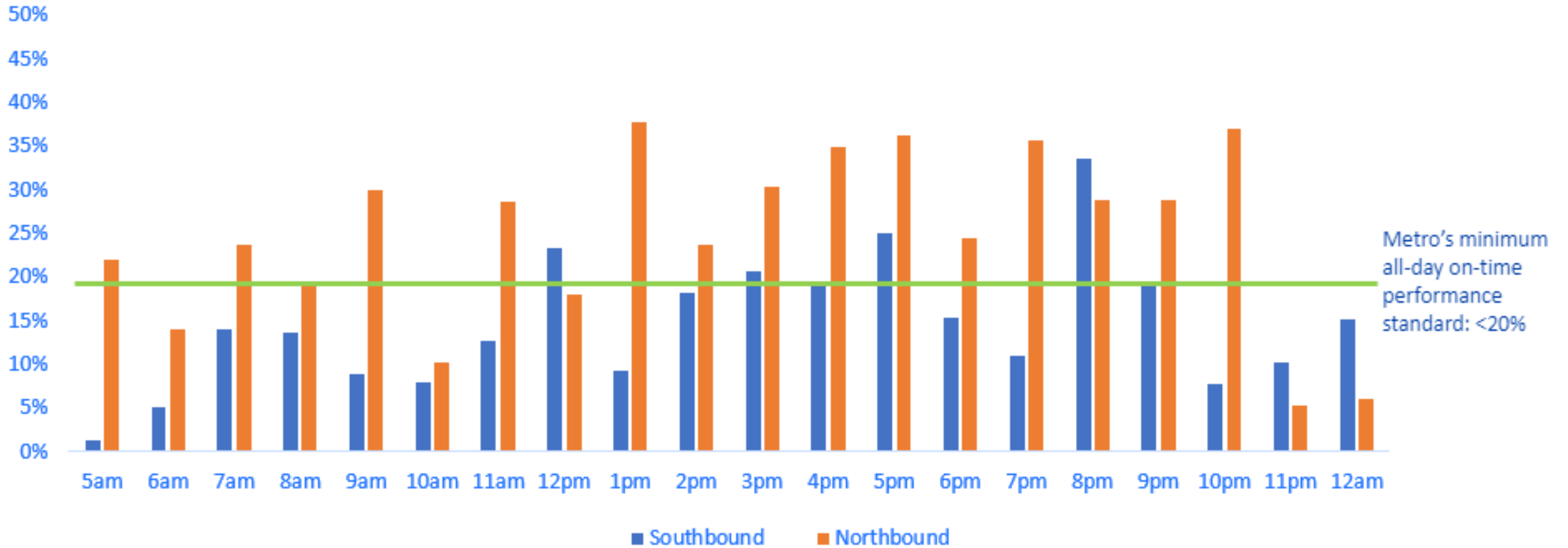


Route 40



Transit travel time reliability is the degree to which transit travel time along the corridor is uniform and predictable.

Average % of Late Trips (Weekdays, April 2019)





Route 40



2 Project Objective & Scope



Route 40 Transit Plus-Multimodal Corridor Project Objectives



Route 40



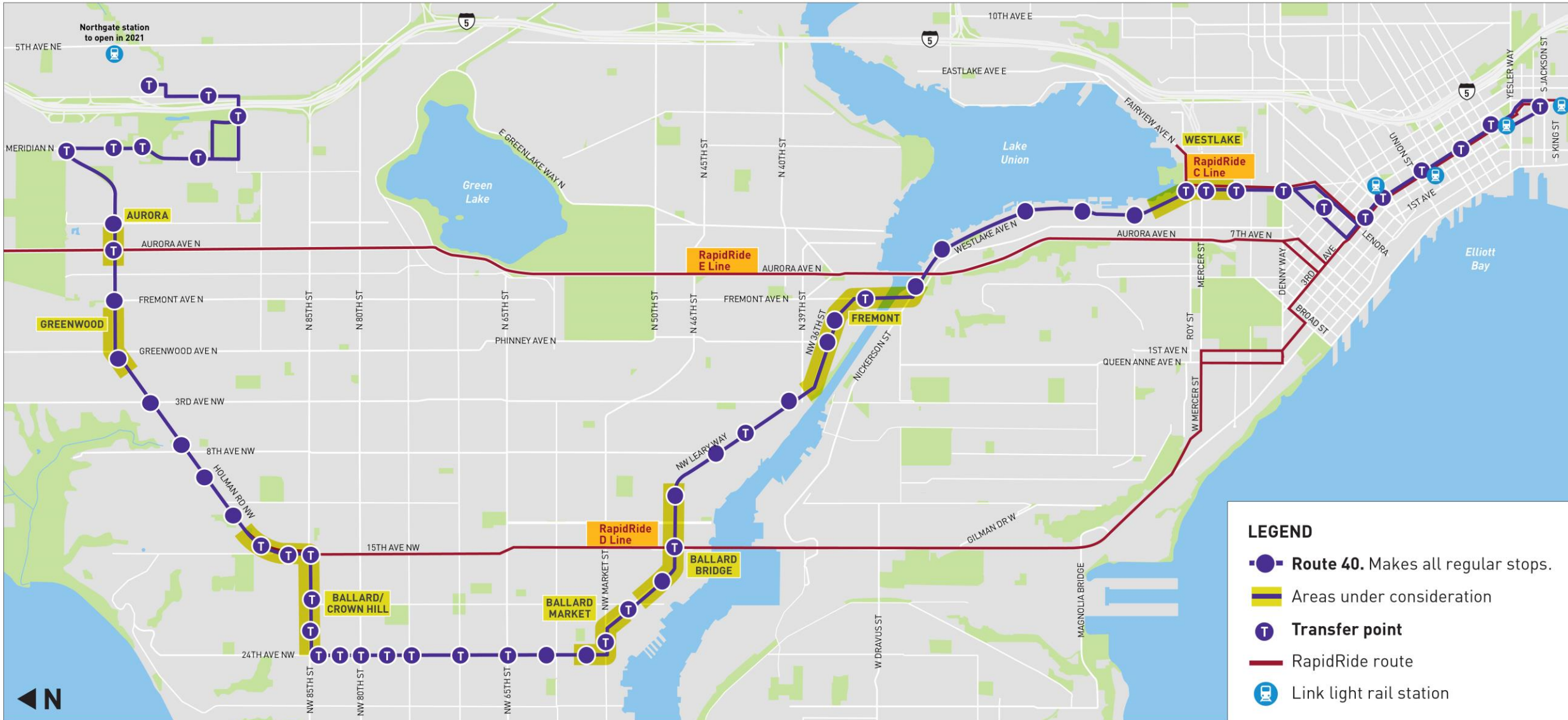
- Make bus trips faster and more reliable, now and in the future
- Make it safer and easier to get to and on the bus
- Respond to community needs and priorities
- Fulfill Levy to Move Seattle commitments



Route 40 TPMC Target Study Segments



Route 40



Northgate station to open in 2021

WESTLAKE

RapidRide C Line

RapidRide E Line

FREMONT

RapidRide D Line

BALLARD BRIDGE

BALLARD/CROWN HILL

BALLARD MARKET





Route 40



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



1060

Online Survey Responses



What We Heard So Far



Route 40



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

What We Heard So Far



SPEED AND RELIABILITY PROJECT IDEA RANKINGS

-  1. Designated bus-only lanes
-  2. Queue jumps
-  3. Transit signal priority timing improvements
-  4. Stop relocation or stop consolidation
-  5. Bus bulb-outs



Route 40



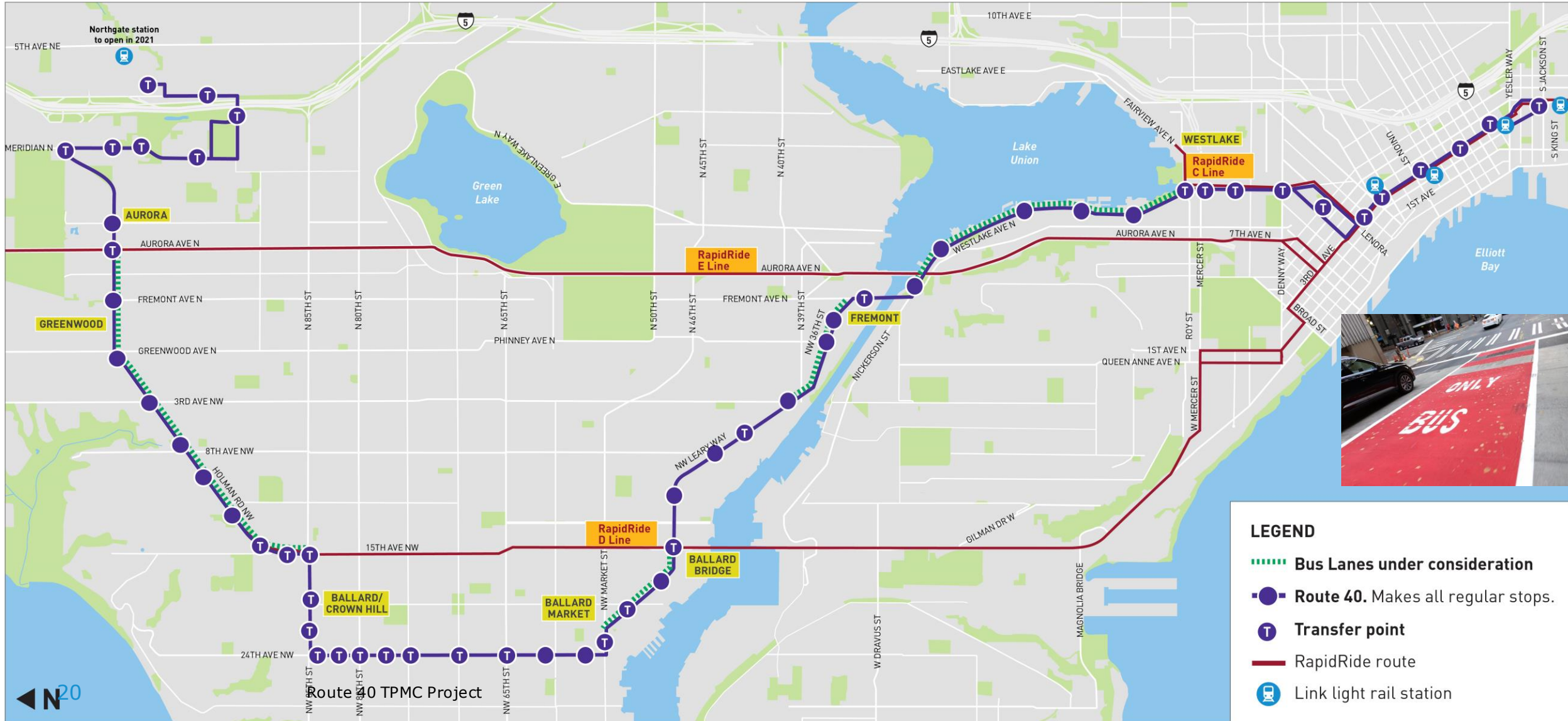
4 Concepts Ideas

Study Segments - Draft

Route 40 Concept Ideas - Bus Lane Options



Route 40



LEGEND

- Bus Lanes under consideration
- Route 40. Makes all regular stops.
- Transfer point
- RapidRide route
- Link light rail station



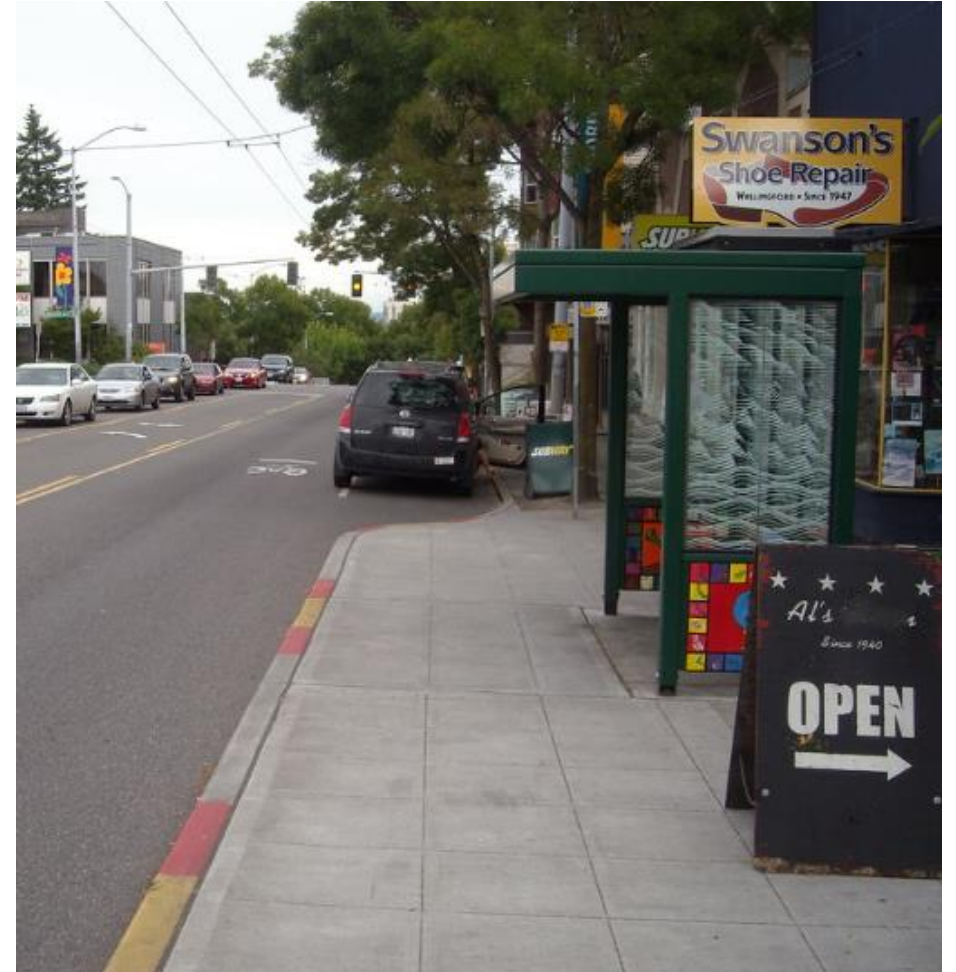
Route 40 Concept Ideas - Transit Stops



Route 40



- Bus bulb outs
- Stop relocation/consolidation
- Extended bus zone
- Signage



Route 40 Concept Ideas - Roadway



- Reduced speed limits
- Transit signal priority
- Queue jumps
- Turn restrictions
- Channelization
- Curb bulbs







Route 40 Concept Ideas - Walking & Biking



Route 40



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

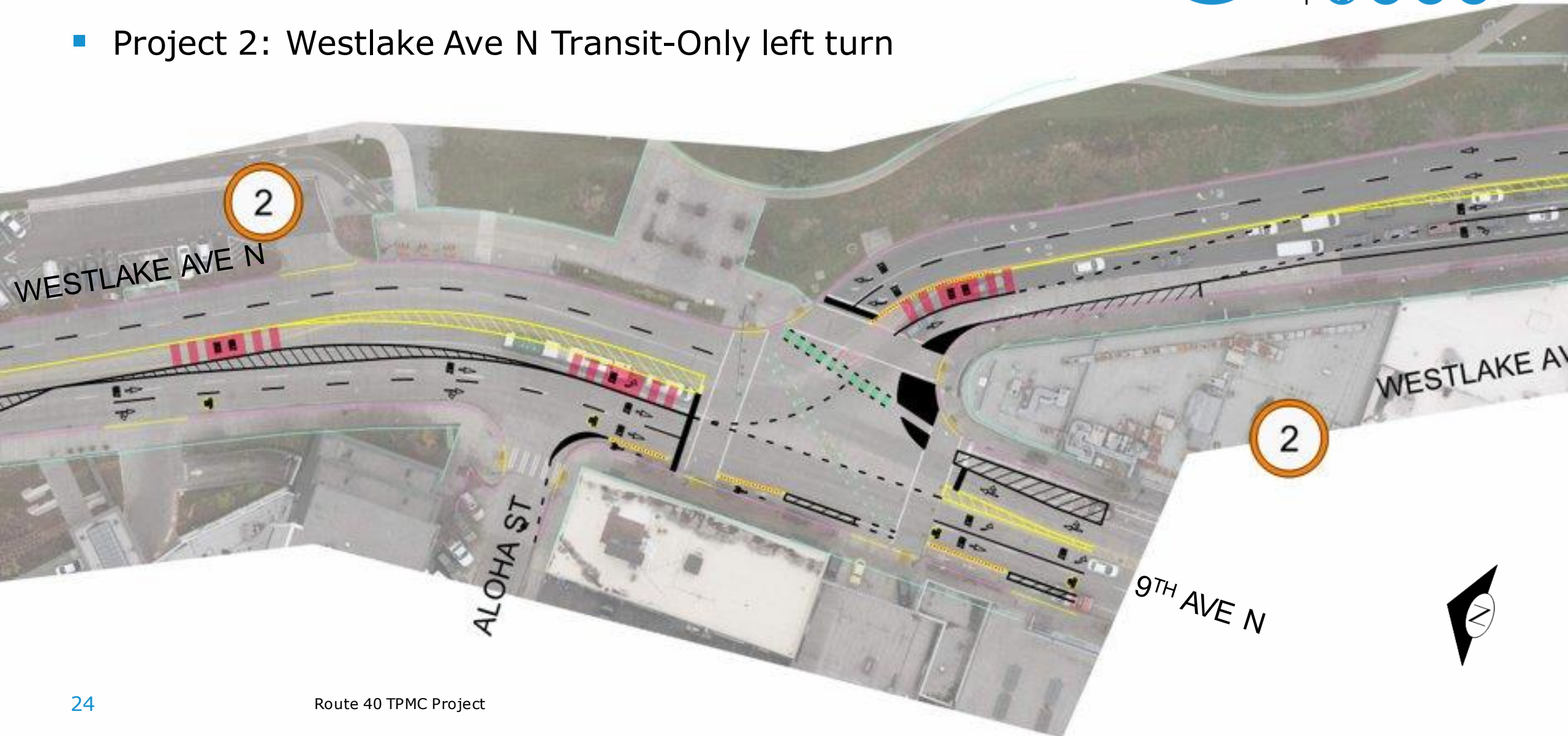
Westlake Segment - DRAFT



Route 40



- Project 2: Westlake Ave N Transit-Only left turn



Fremont Segment - DRAFT



Route 40



3 7

12

15

7

15

15

7



FREMONT AVE N

FREMONT PL N

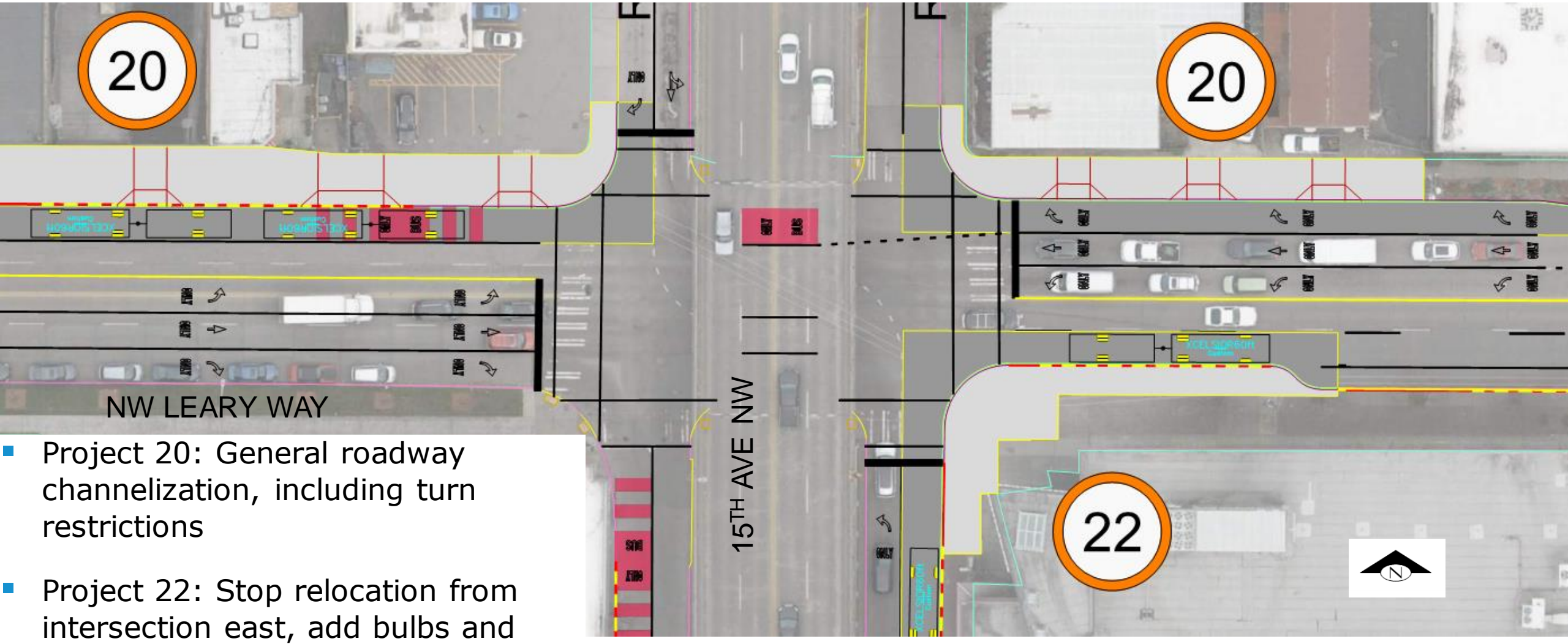
N 34TH ST

- 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

Ballard Bridge Segment - DRAFT



Route 40

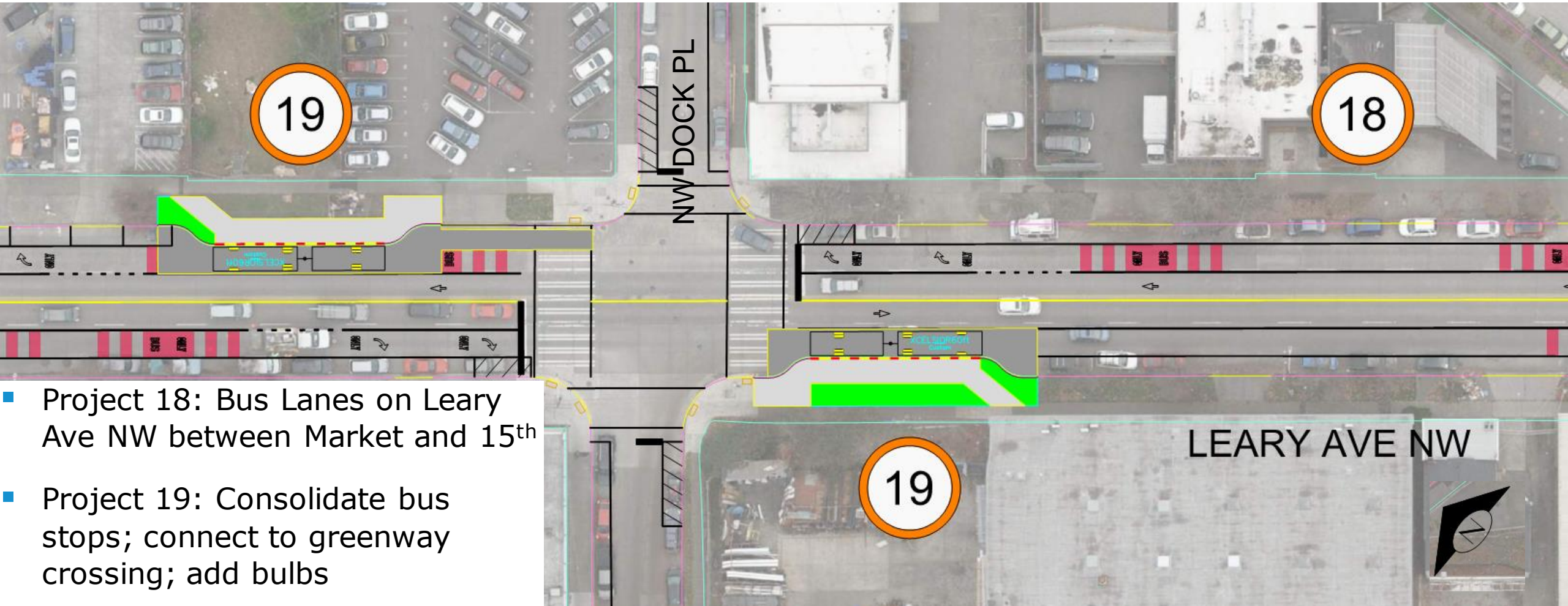


- Project 20: General roadway channelization, including turn restrictions
- Project 22: Stop relocation from intersection east, add bulbs and create loading zone in front of commercial building

Ballard/ Market Segment - DRAFT



Route 40



- Project 18: Bus Lanes on Leary Ave NW between Market and 15th
- Project 19: Consolidate bus stops; connect to greenway crossing; add bulbs

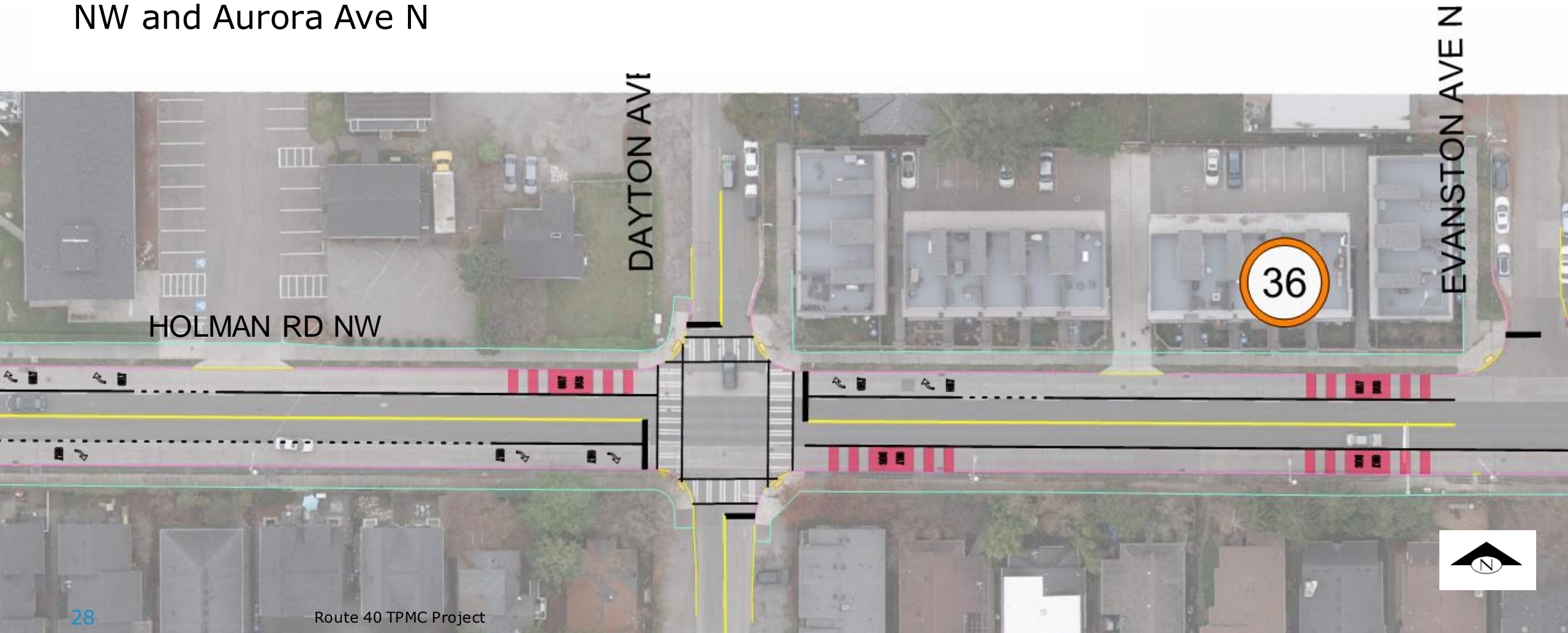
Greenwood & Aurora Segments - DRAFT



Route 40



- Projects 36 & 37: BAT Lanes on Holman Road between 15th Ave NW and Aurora Ave N





Route 40



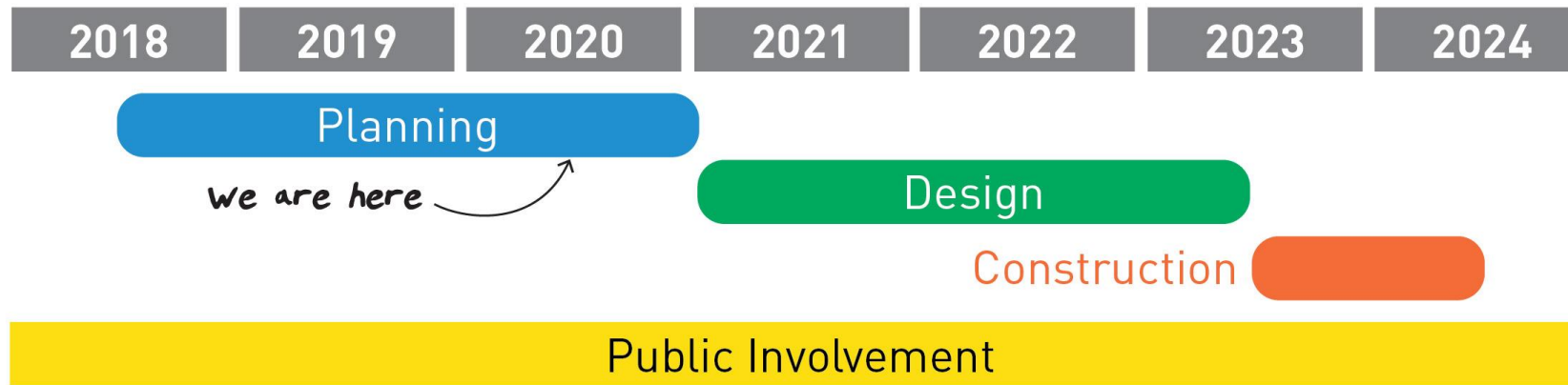
5 Current Schedule

Funding

Route 40 TPMC Project Schedule



Route 40



- **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



Route 40



Funding Source	Funding Amount
Move Seattle Levy	\$9.5M
Local	\$0.1M
Leverage	\$3.4M
Identified Leverage	\$10.0M
Total Budget	\$23.0M



Route 40



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



Route 40



Comments/Questions?

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

