



Route 40



Route 40 Transit-Plus Multimodal Corridor Project

Refined Design Concepts – Spring 2023



Rt 40 Updates



1. Background
2. Public Outreach
3. Project Updates
4. Next Steps

Background



BACKGROUND | Project Goals



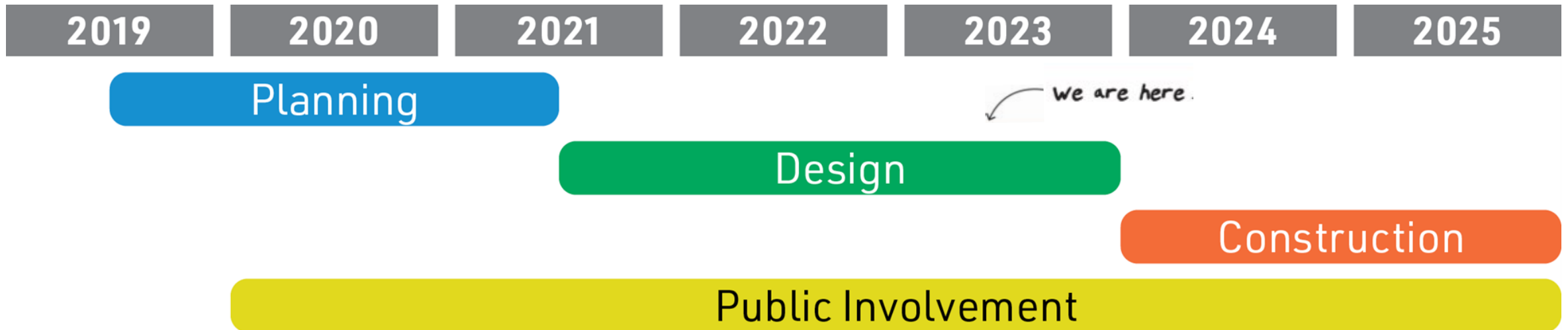
- Make bus trips competitive with other modes and more reliable, now and in the future
- Make it easier to get to and on the bus
- Responds to community needs and priorities while considering SDOT Vision and Values
- Fulfill Move Seattle Levy commitments

BACKGROUND | Project Schedule



Key milestones

- Project has surpassed 60% design in spring 2023
- Advanced Design (90%) Outreach– Fall 2023
- Construction in 2024



BACKGROUND | Move Seattle Levy



- Commitment to deliver Route 40 transit improvements as part of the voter approved Move Seattle Levy (MSL) by 2024
- \$7.7M MSL funding

BACKGROUND | Project Funding



Route 40



Funding Source	Funding Amount
Move Seattle Levy	\$7.7M
Local Sources	\$0.1M
Connecting Washington	\$3.8M
Federal Grants	\$4.0M
King County Metro Partnership	\$4.4M
Seattle Transportation Benefit District (STBD) Vehicle Licensing Fee (VLF)	\$0.5M
Regional Mobility Grant (RMG)	\$6.0M
Total Budget	\$26.5M

As of August 2022

Public Outreach



Public Outreach Summary



Route 40



- **FEBRUARY 2020** | Operator Ride-along
- **MARCH 2020** | Online Survey (1000+ responses); Asked general questions about bus ridership and concerns
- **JUNE 2020** | Virtual Open House (40 attendees)
- **FALL 2020** | Transit, Freight, Bike, & Pedestrian Advisory Board presentations; *Transit Board provided letter of support*
- **MARCH/APRIL 2021** | Online Survey (440+ responses) and Virtual Drop-in Sessions
- **SPRING 2021** | Transit & Freight Advisory Board follow-ups and community group briefings (6)
- **SPRING/SUMMER 2022** | Online Open House Survey (260+ responses) and targeted outreach to businesses
- **FALL/WINTER 2022** | Work with individual businesses and property owners on design changes/impacts.
- **SPRING 2023** | SDOT and Metro conduct an online survey for Fremont Ave N transit users via Rider Alerts

Community Feedback Summary

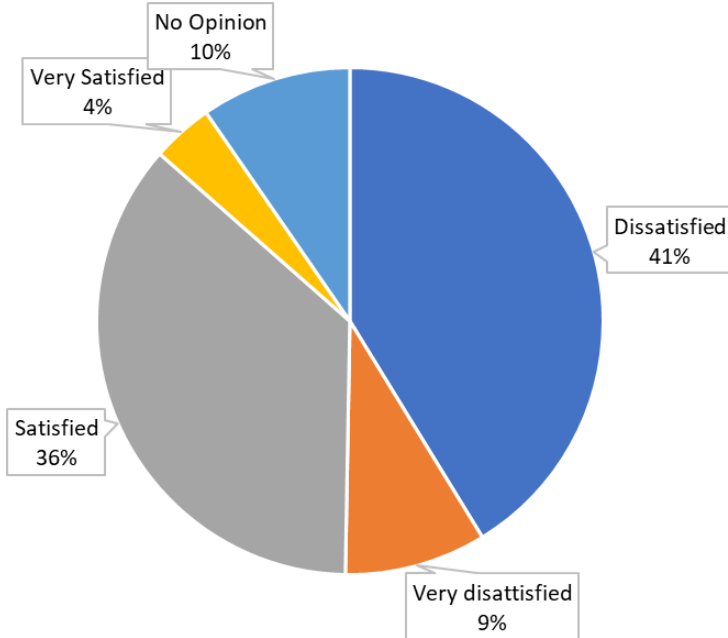


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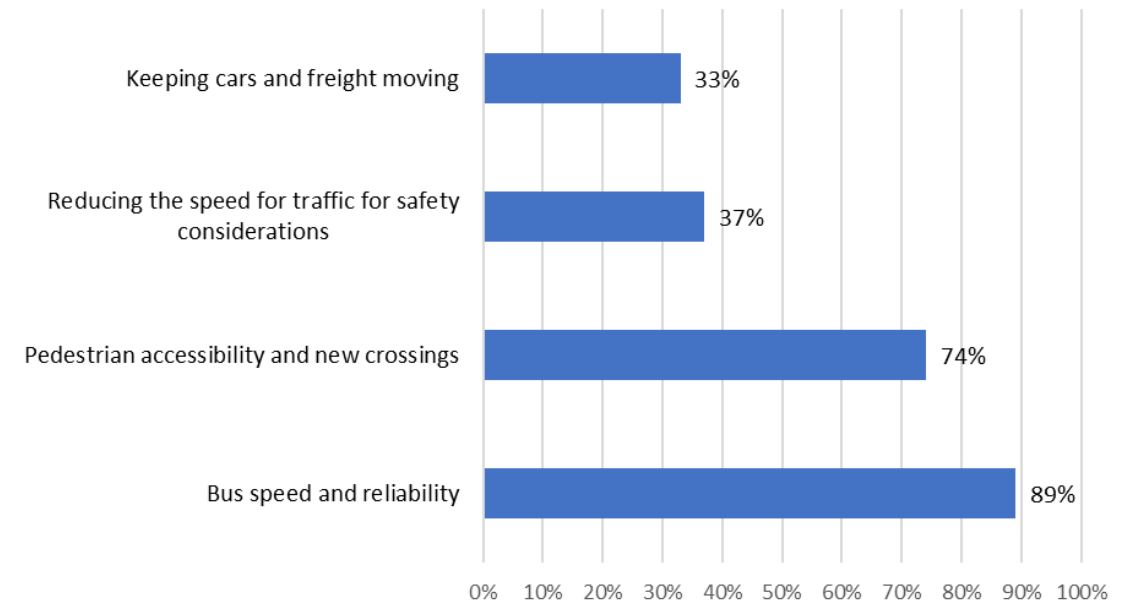
- Bus riders suffer from slow and unreliable trips on the Route 40 due to congestion
- Overwhelmingly, the community supports improving travel times and reliability for Route 40

How satisfied are you with the speed and reliability of your trips on the Route 40 (1050 respondents)



April 2020 Online Survey

What is most important to you in terms of any improvements we make to the Route 40? Select your top 3. (318 respondents)



April 2021 Online Survey

Common themes



Route 40



- Strong desire to make transfers short and direct
- Strong support for improvements to sidewalks, curb ramps, and crossings
- Support for traffic-calming measures along busy corridors
- Concerns about impacts to freight mobility
- Concerns about impacts to traffic for people driving
- Concerns about changes to curbside space (parking, loading, etc.)

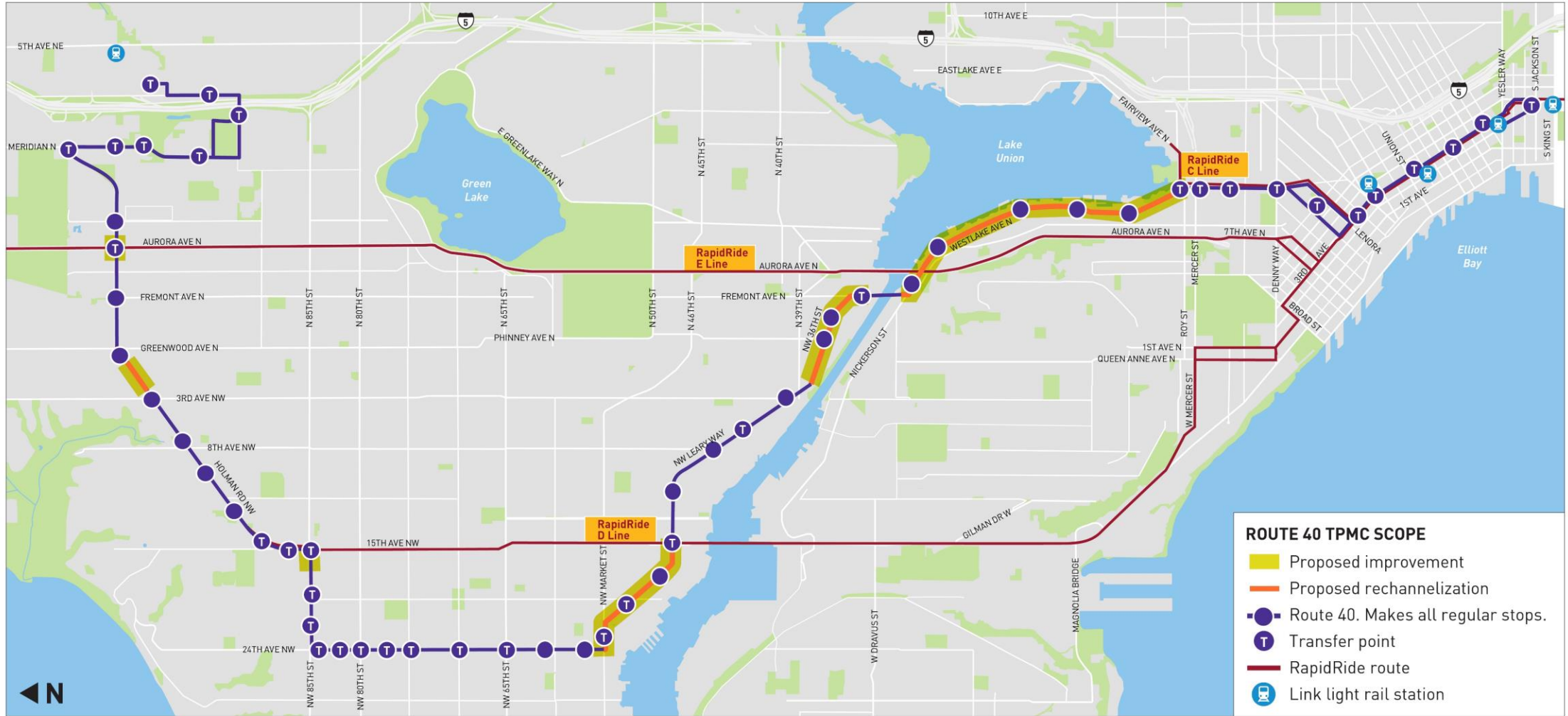
Design Updates



CORRIDOR OVERVIEW



Route 40



Westlake Area Designs



Design Overview:

- Westlake Ave and 9th Ave N
- Westlake Ave and Halladay St
- Aurora Bridge to Blaine St

Design updates for Spring 2023:

- Westlake Ave N Freight-and-Bus Only Lanes
- New traffic calming between Aurora Bridge and Blaine St



Westlake Ave N Freight-and-Bus Only Lanes



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- Piloting new Freight-and-Bus (FAB) only lanes on Westlake Ave N for one year
- Lanes are restricted to buses and freight vehicles over 26,000 pounds
- One FAB lane will be installed in each direction on Westlake Ave N between Aloha St and Blaine St
- FAB lanes keep people and goods moving

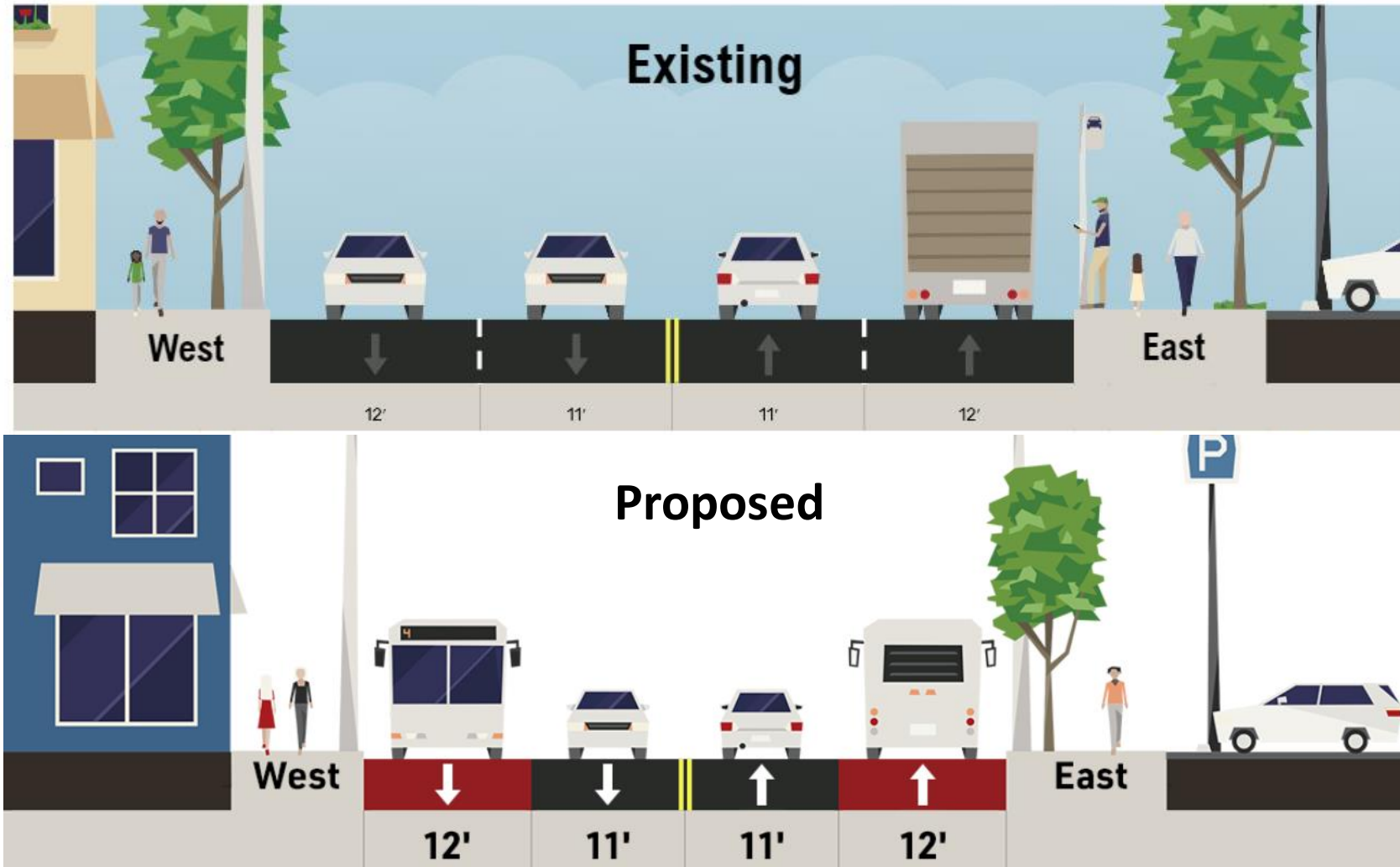


Example of a freight and bus lane in NYC on 14th St. On Westlake Ave N, we are proposing one FAB lane in each direction.

Westlake Ave N Freight-and-Bus Only Lanes



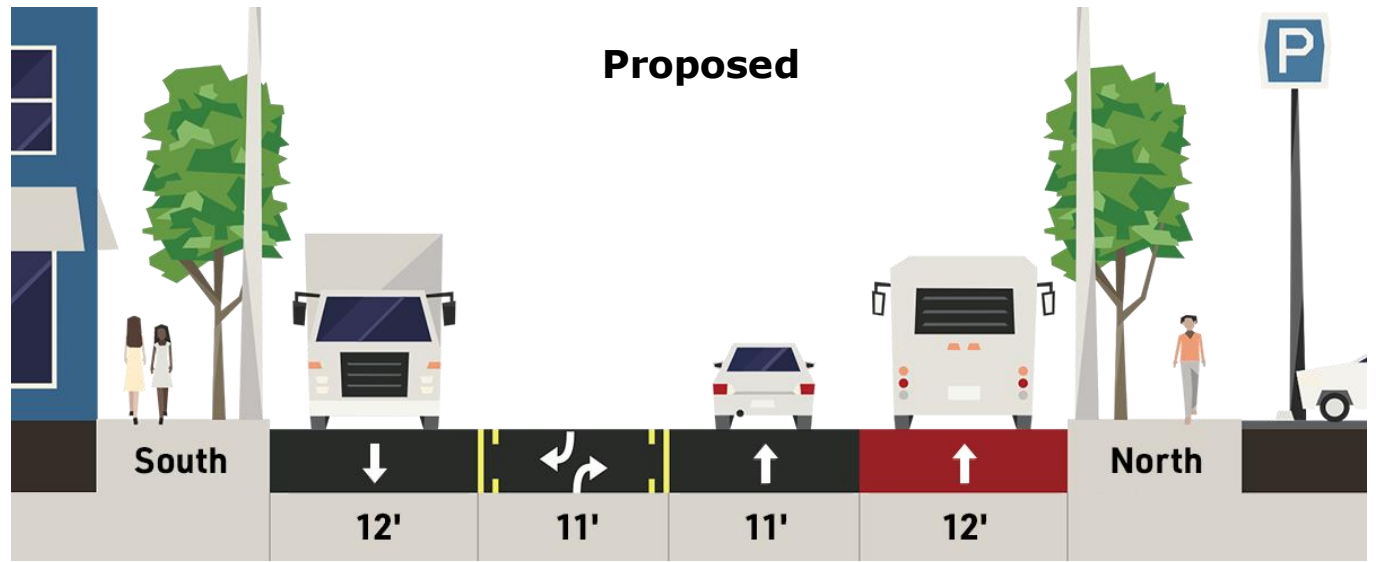
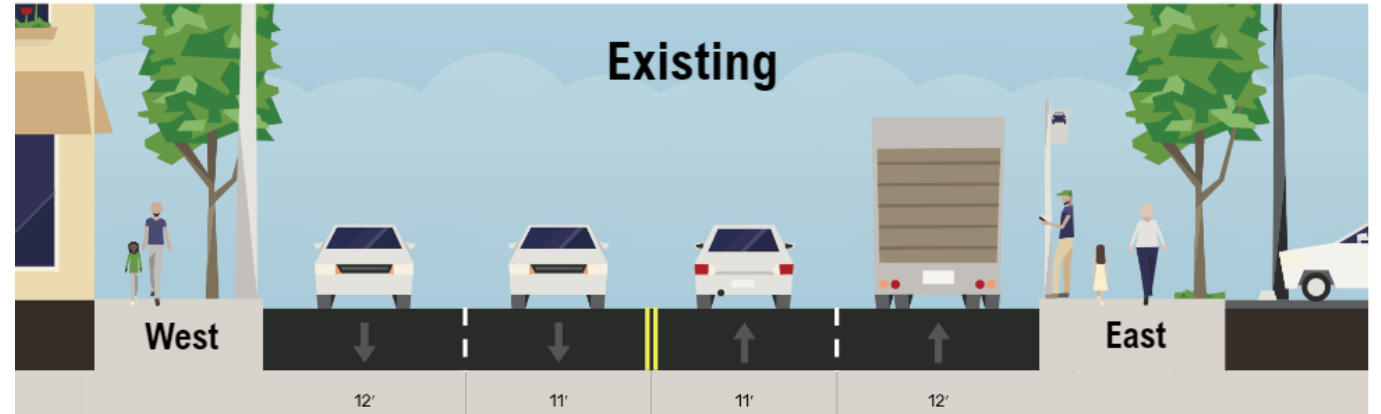
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Westlake Ave N between Aurora Bridge and Blaine St



- New two-way left-turn lane to enhance safety for people making left-turns into driveways
- One general purpose travel lane in each direction
- One northbound FAB lane



Fremont Area Designs



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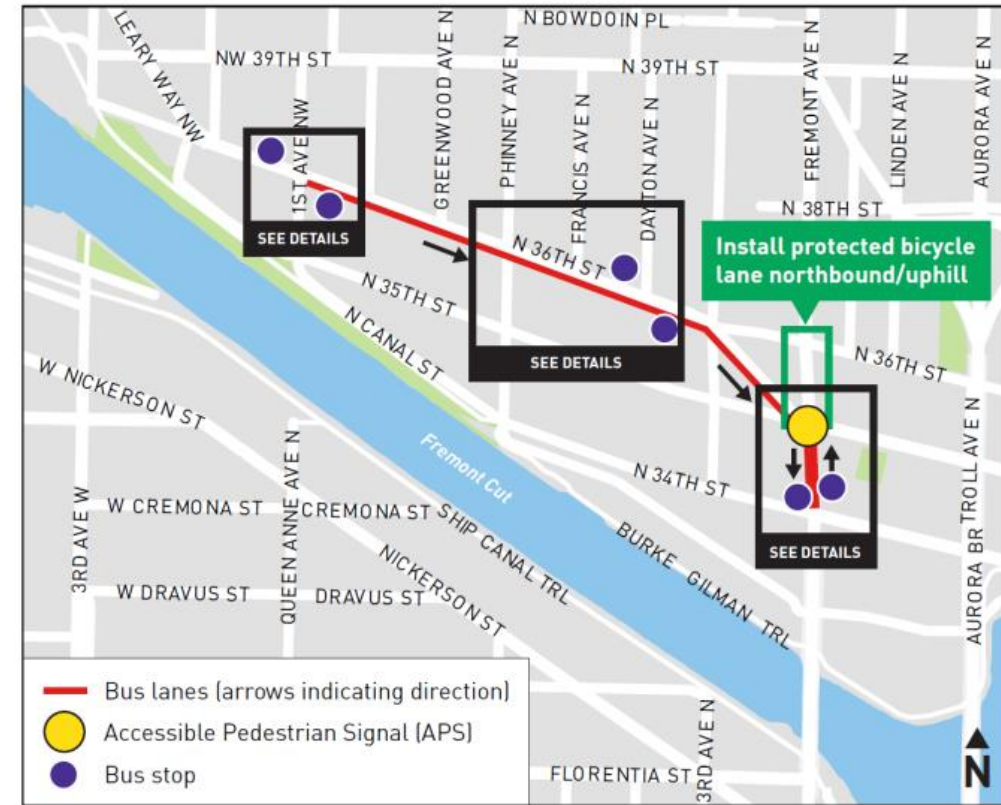


Design Overview:

- New street layouts throughout the neighborhood to calm traffic, add turn pockets, and add a two-way center turn lane between 1st Ave NW and Fremont Ave N
- New southbound bus only lane between on N 36th St between 1st Ave N and Fremont Ave N
- Adding new crossings, curb ramps, and sidewalk extensions to make it easier to get to and from the corridor

Design updates for Spring 2023:

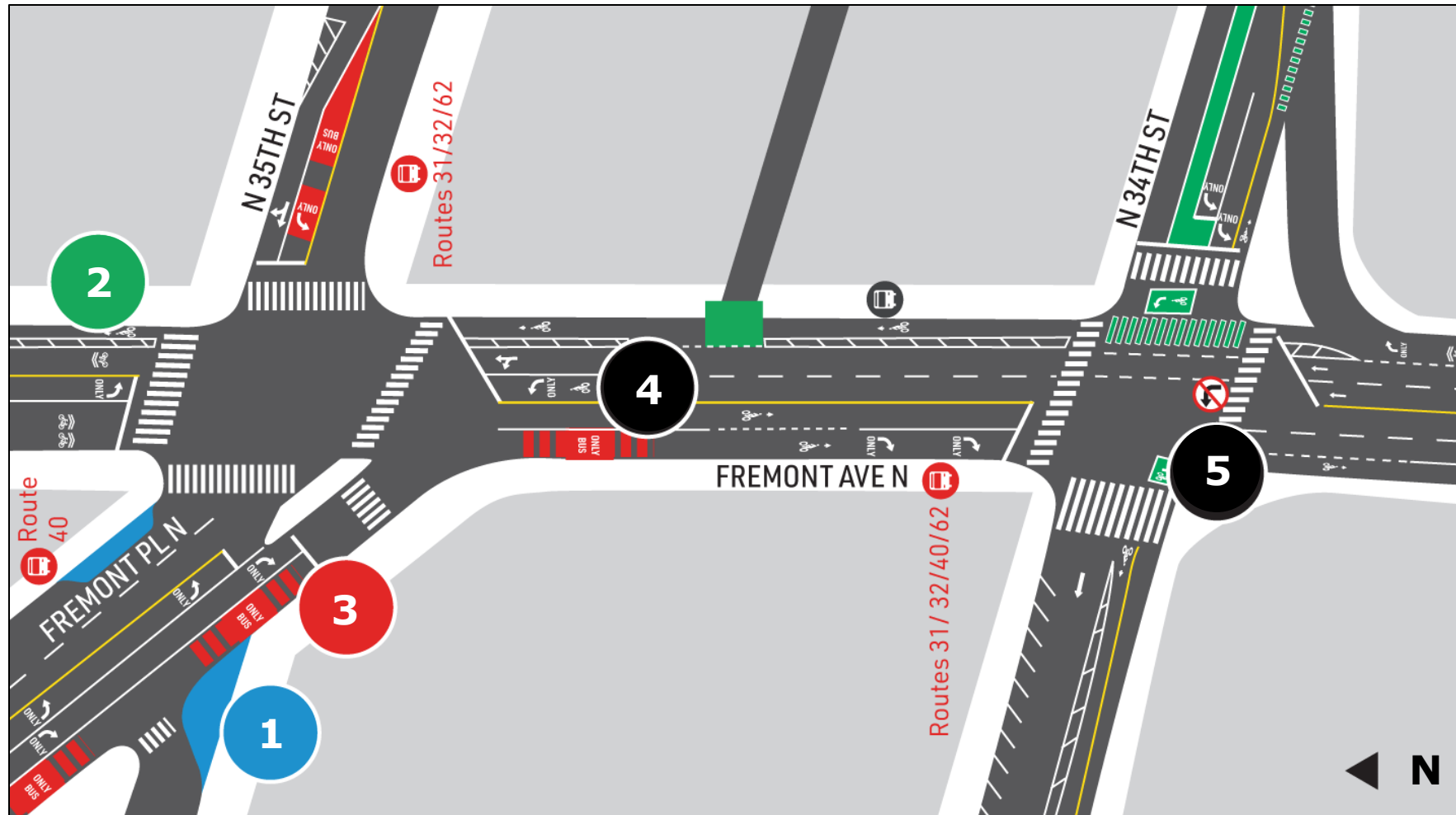
- Relocating and splitting the northbound bus stop for routes 31, 32, 40, and 62
- Identified new locations for load zones to maintain loading for deliveries



Fremont Ave N btwn N 34th and N 35th St



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LEGEND:

- 1** Concrete sidewalk extension
- 2** Northbound protected bike lane connection (removes ~4 parking spaces)
- 3** Southbound bus only lane
- 4** Repaving roadway
- 5** Restrict northbound left-turns, all day

Fremont Ave Bus Stop Relocation



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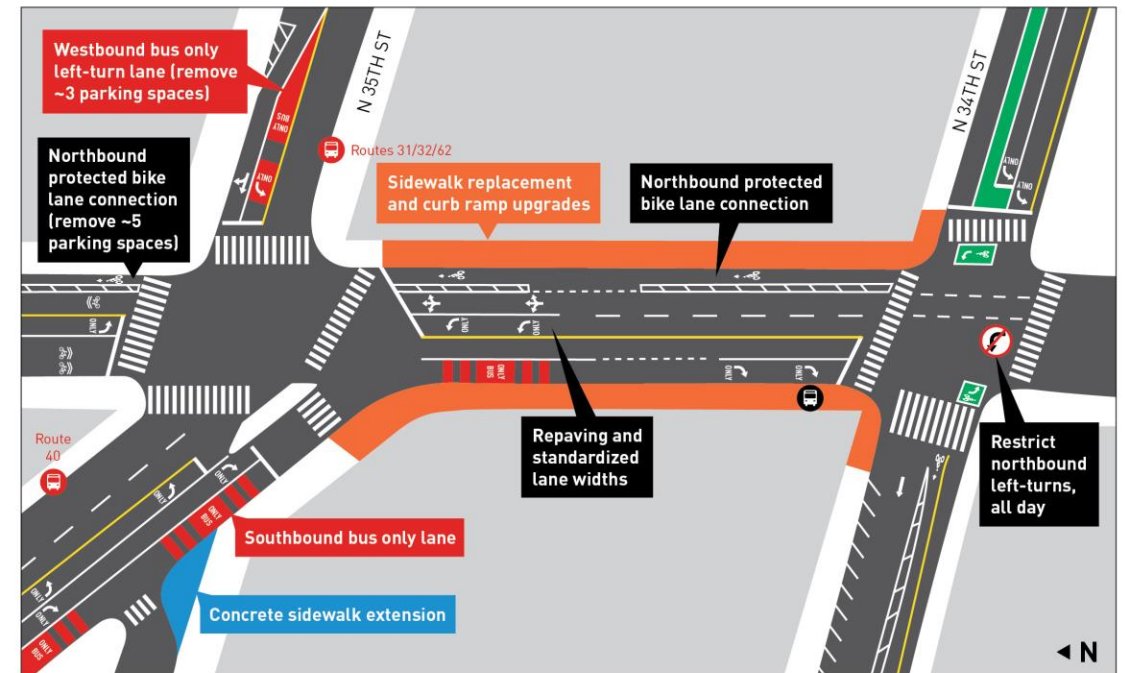


1. Why relocate bus stops:

- Modal congestion
- Bicycle Masterplan
- Transit travel time

2. Bus stop relocation accomplishes:

- Better bus stops and reduces sidewalk congestion: Spreads bus boardings across two stops, reducing bus loading times and sidewalk congestion.
- Bicycle network connection: Creates space for a protected bike lane for people biking up Fremont Ave N.
- Improves safety: reduces conflicts between different functions of the street



Ballard Area Designs



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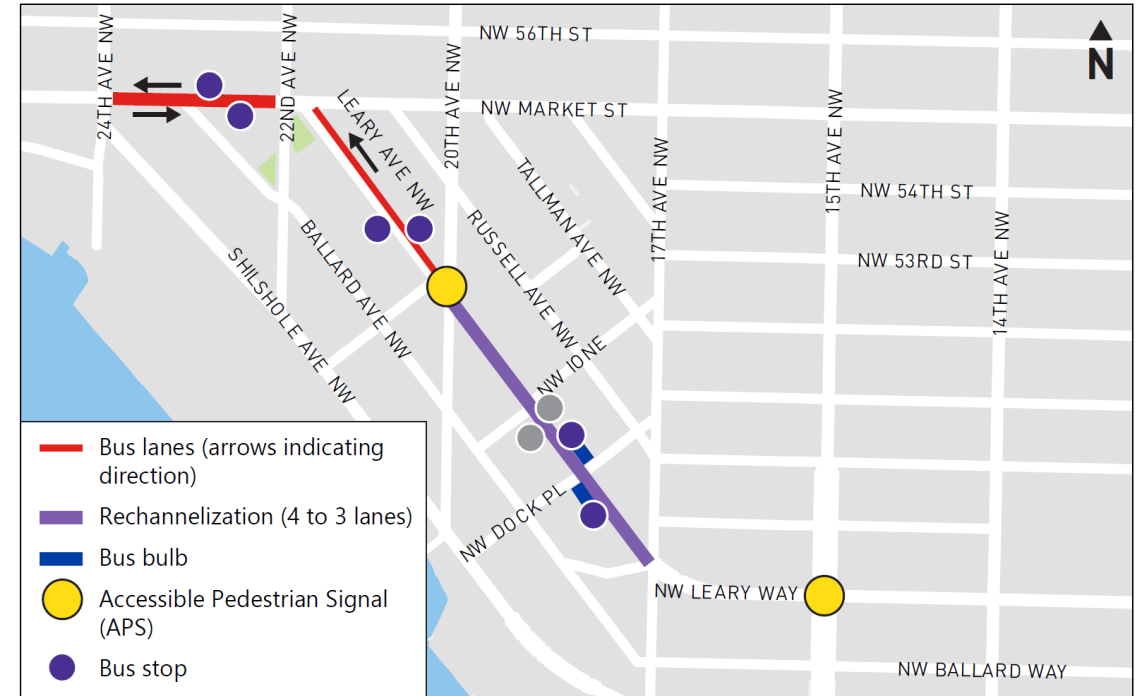


Design overview:

- Changes to street layouts to better accommodate freight and calm traffic
- New traffic signal at 20th Ave NW and Leary Ave NW
- New dedicated turn lanes and two-way center turn lanes

Design updates for Spring 2023:

- Leary Way NW Safety Improvements
- Bus Lanes on NW Market St



Leary Ave NW at 20th Ave NW

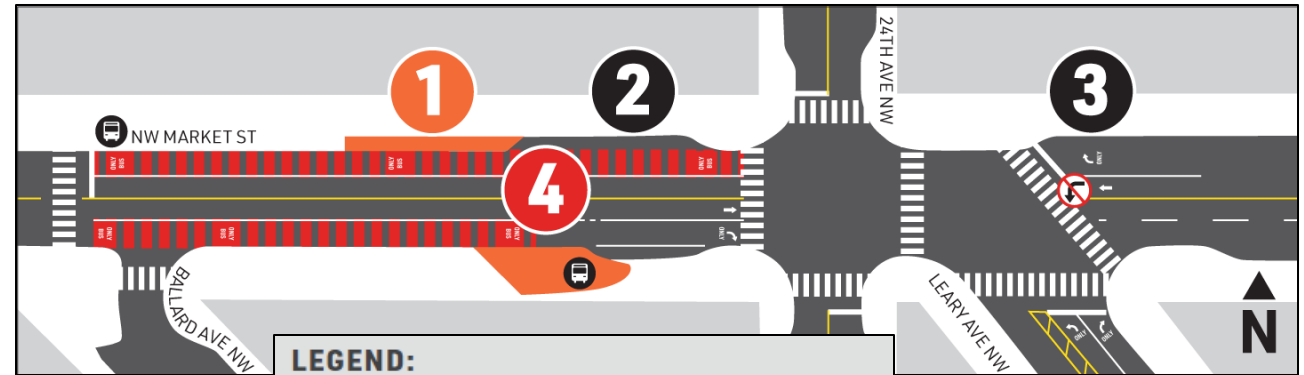


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- LEGEND:**
- 1 Large concrete sidewalk extension
 - 2 Bike Lane
 - 3 Right turn, except buses
 - 4 Concrete sidewalk extension
 - 5 Restrict northbound left-turns
 - 6 New Sidewalk
 - 7 New pavement
 - 8 Northbound bus lane
 - 9 Install Rectangular Rapid Flashing Beacon (RRFB) and median refuge island

NW Market St btwn Ballard Ave & Leary Ave



- LEGEND:**
- 1 New sidewalk and bus bulb extensions
 - 2 Maintain loading zones
 - 3 Right turn, except buses
 - 4 Bus only lanes in both directions

North Seattle Area Designs

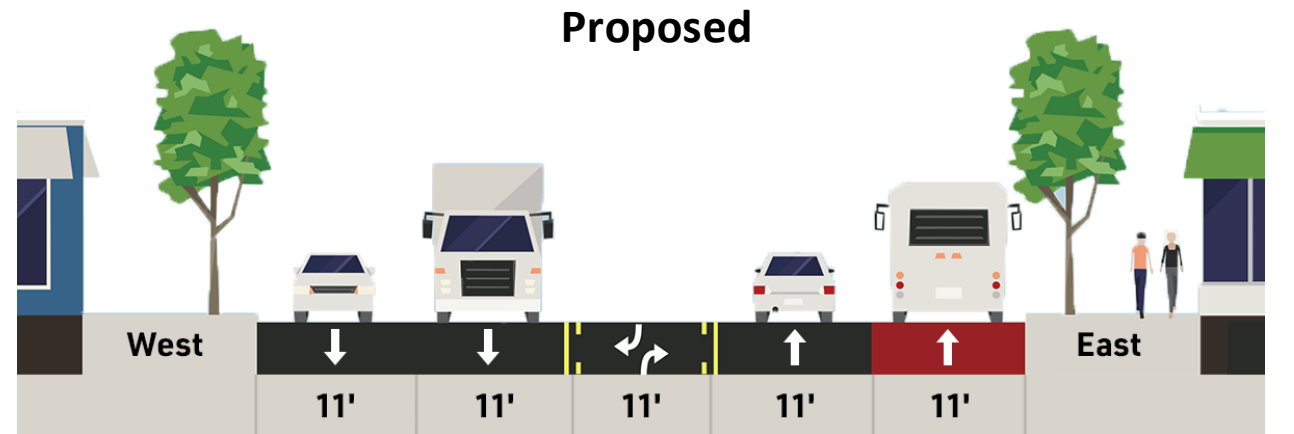
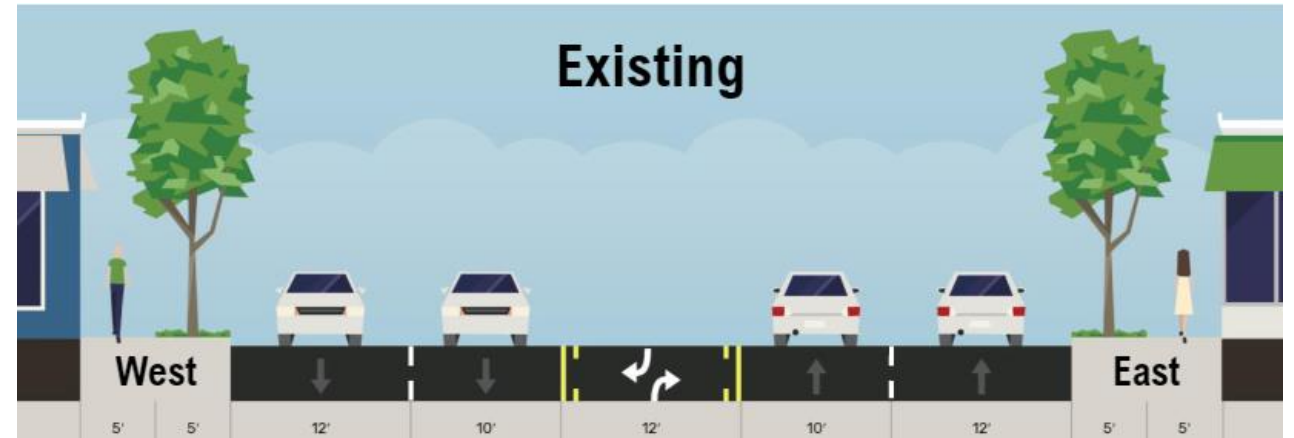


Design Overview:

- Northbound Bus-Only Lane on Holman Rd NW

Highlighted Design Changes:

- Install a northbound bus-only lane
- Maintain the two-way center turn lane
- Maintain one northbound general purpose lane



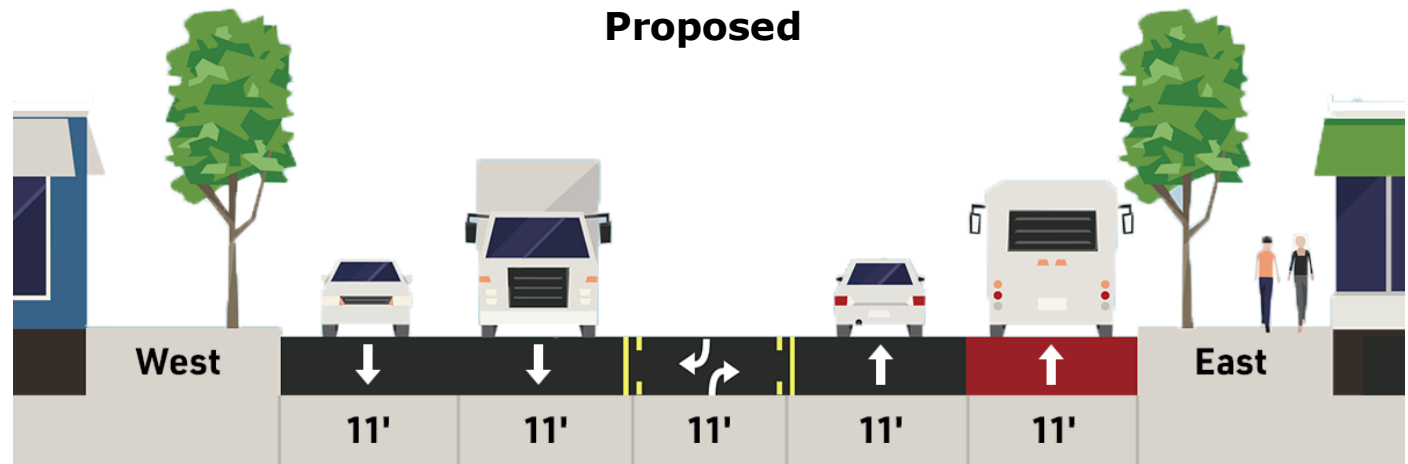
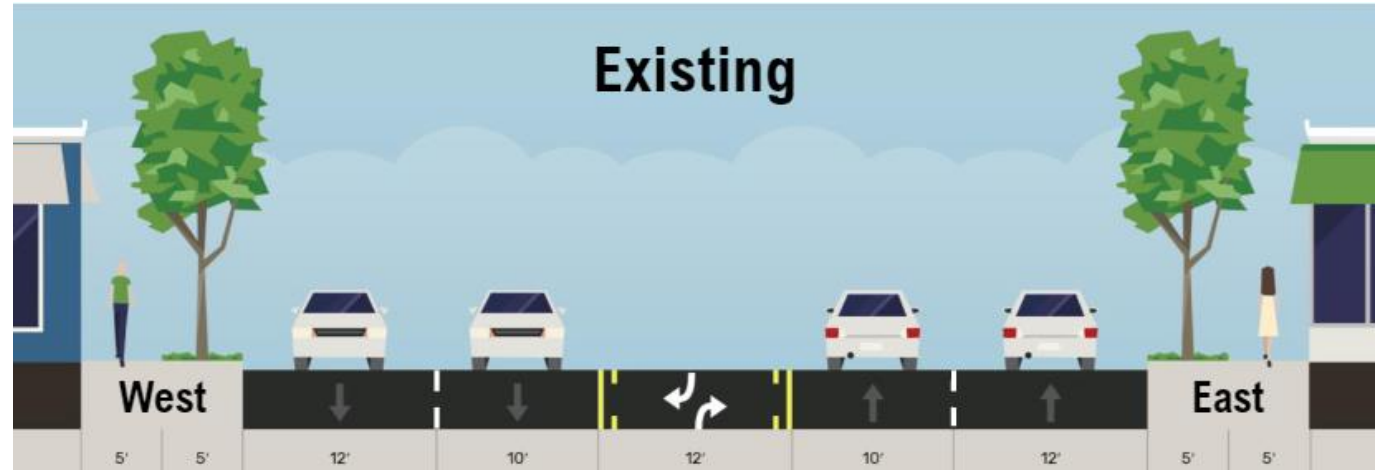
Holman Rd NW Bus-Only Lane



Route 40



- Install a northbound bus-only lane
- Maintain the two-way center turn lane
- Maintain one northbound general purpose lane



Next Steps



Next Steps

- 60% Outreach – Spring 2023
- 90% Submittal – Fall 2023
- Advertise – late 2023
- Construction – 2024





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Comments/Questions?

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

