

# West Seattle Bridge West Seattle Transportation Coalition Meeting

January 28, 2021

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City of Seattle

# Agenda

- Traffic update
- Reconnect West Seattle
- West Marginal Way
- Low bridge automated photo enforcement
- WSDOT work on First Avenue South Bridge

# Traffic data

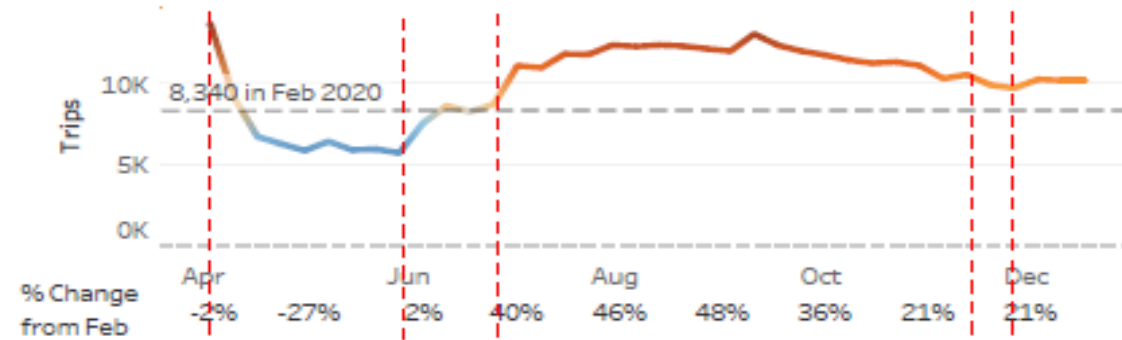
- Bridges and detour routes are monitored for changes in travel patterns
- Impacts on traffic volumes to/from West Seattle:
  - A) Start of SPD enforcement of low bridge use
  - B) Eased initial COVID restrictions
  - C) Low bridge opened to all traffic in overnight hours
  - D) New COVID restrictions
  - E) End of Thanksgiving holiday

\* Horizontal dashed grey line: Feb 2020 baseline traffic
- You can find this data and charts here:  
<https://public.tableau.com/profile/city.of.seattle.transportation#!/vizhome/wsb-dashboard/Main>

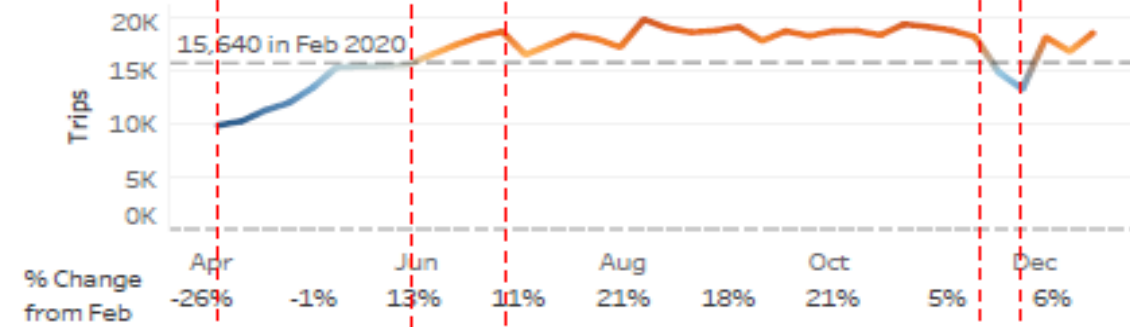
## Duwamish Crossings

Average weekday traffic. Feb 2020 baseline.

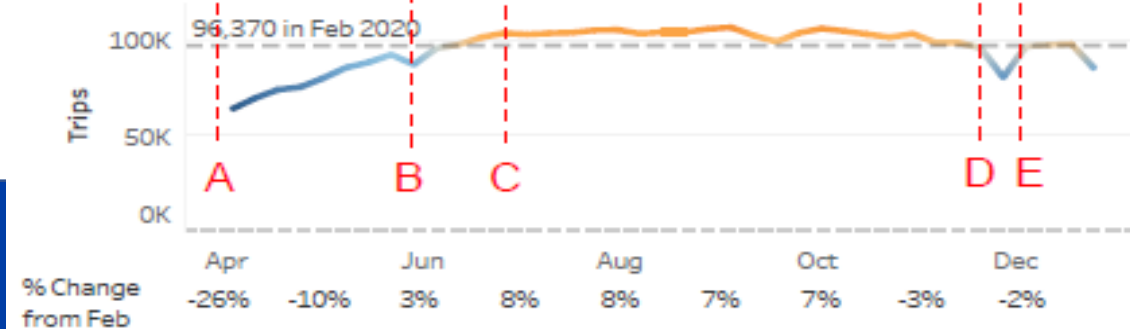
### Spokane St Bridge



### South Park Bridge



### 1st Ave S Bridge



# Traffic data

- Transit and bicycling volumes
  - Maximum Metro passengers/bus is 12-18, depending on bus size
  - Trends generally match expectations for both transit and bicycling
  - Poor air quality in mid-September likely affected bike ridership
- SDOT and King County Metro will monitor travel patterns and ridership trends as COVID restrictions change
- You can find this data and charts here: <https://public.tableau.com/profile/city.of.seattle.transpo rtation#!/vizhome/wsb-dashboard/Main>

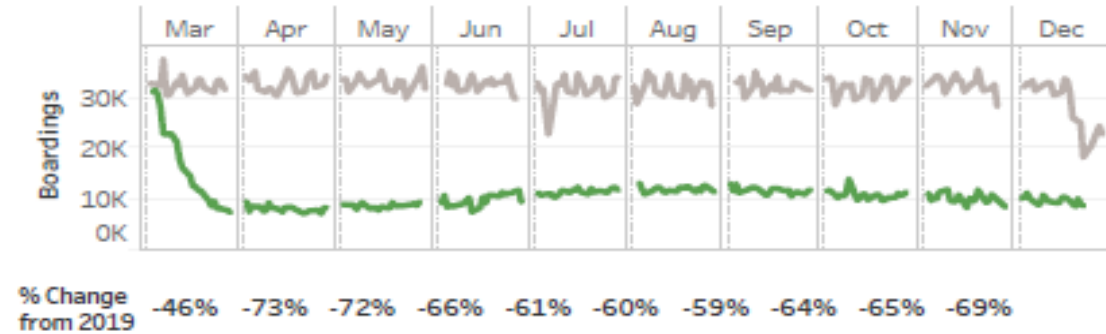
## Transit and Biking

Year ■ 2020 ■ 2019

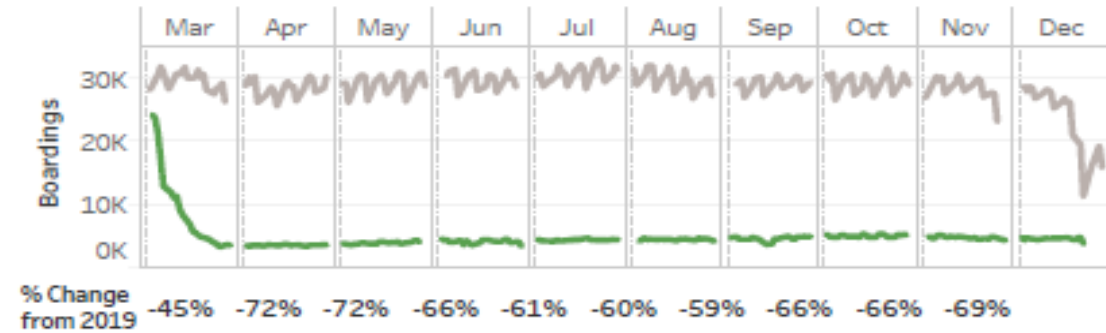
Average weekday traffic. Year over Year baseline.

### West Seattle Transit Routes - Boardings

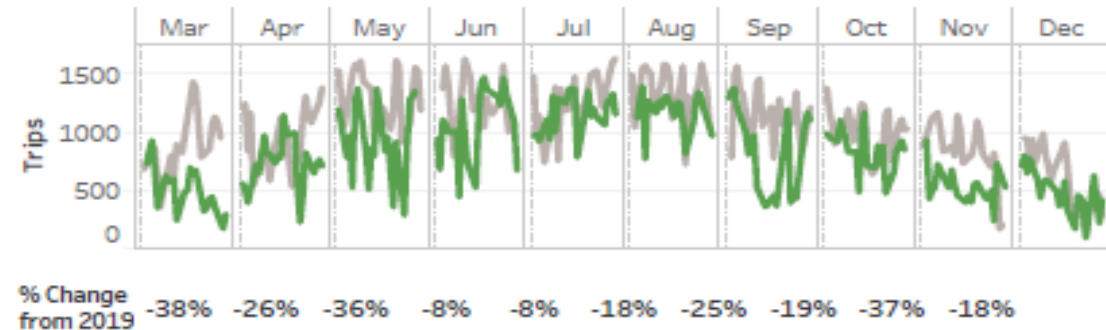
C Line, 21, 21X, 37, 50, 55, 56, 57, 116X, 118X, 119X, 120, and 125.



### Water Taxi Boardings



### Spokane St Bike Counter





# 2020 RWS Implementation Plan accomplishments

Completed **22 Reconnect West Seattle 2020 projects** and **190 traffic mobility improvements** since the bridge was closed.

- **Goal #1:** Address increased traffic volumes and other impacts to neighborhoods along detour routing **completed 25 projects**
- **Goal #2:** Reimagine West Seattle transportation through mode share shifts and travel pattern changes **completed 19 projects**
- **Goal #3:** Understand community concerns and obtain feedback on projects, services, and facilities needed for West Seattle travelers to shift to non-car modes **completed 5 of 13 planned projects**



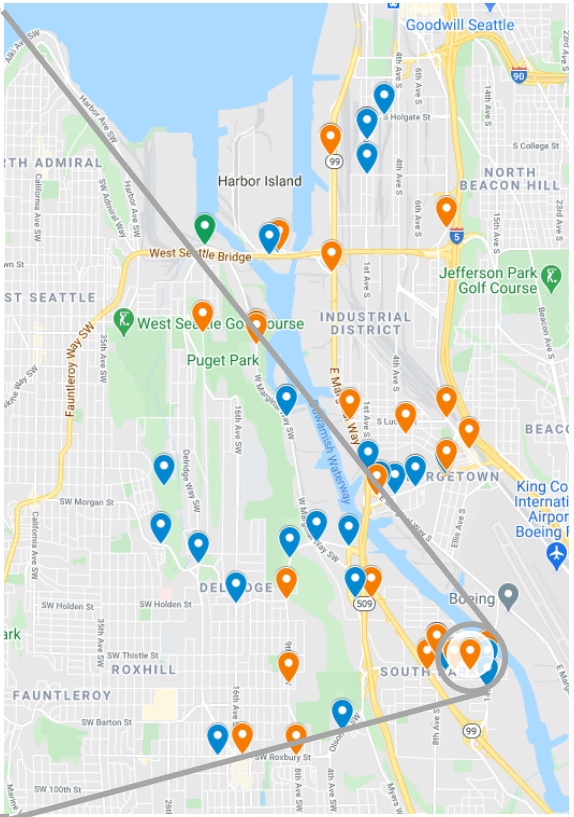
# 2020 RWS Implementation Plan accomplishments

- **Goal #4:** Develop a comprehensive implementation plan that incorporates community feedback to ensure travelers reach their desired destinations **completed 34 projects**
- **Goal #5:** Regularly communicate with community members in the coming months and years as traveler patterns change to address transportation needs **attended 35 community meetings** and **held 8 neighborhood walks and 2 corridor walks**

# What's next - 2021 projects

- **Reconnect West Seattle 2021 – 33 projects**
  - Home Zone project design and delivery
  - Neighborhood ballot projects
- Traffic mitigation projects and detour route assessments
  - Radar feedback signs – **8 new**
  - Pavement improvements
- Transit spot improvements **5 projects**
- Continue to collect input from community in early 2021 for project ideas to construct in 2022

Project Name	S Cloverdale St and 12th Ave S Improvements
Project Year	2021
Project Description	Pedestrian and bike crossing improvements
Request Origin	South Park Survey
Status	Planning
Project Site or Extents	South Park
Lat	47.526455
Long	-122.317577
Contact Info	<a href="mailto:westseattlebridge@seattle.gov">westseattlebridge@seattle.gov</a> 206-400-7542

A map of West Seattle, Washington, showing various streets and landmarks. Numerous orange and blue location pins are scattered across the map, indicating the locations of various transportation projects. A specific project location is highlighted with a larger orange pin and a blue circle. The map includes labels for streets like S Cloverdale St and 12th Ave S, and landmarks like Harbor Island and the West Seattle Bridge.

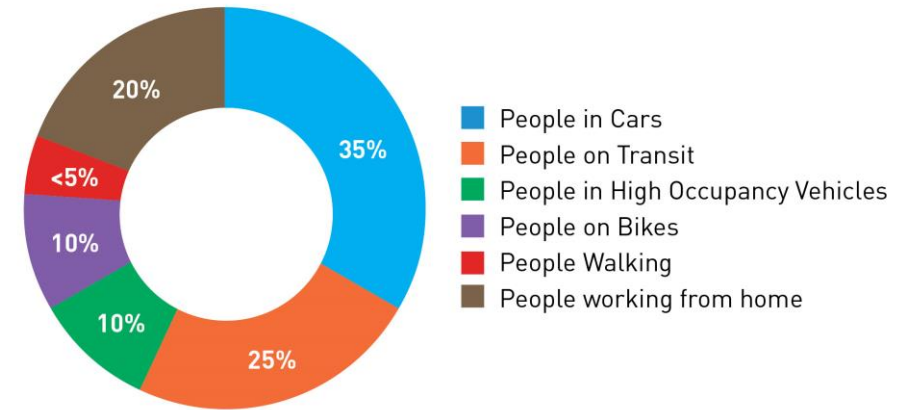
[Follow the projects on our clickable map.](#)

# Mobility Action Plan goal

*Mode share targets are within our reach*

- Drive alone trips will decrease to 36% mode share after social distancing (2021 Goal: 35%)
- Work from home will represent a 23% mode share (2021 Goal: 20%) indicating that people want to continue remote work in some capacity after social distancing
- Buses see the most significant mode share decrease (from 17% in pre-social distancing to 11% after social distancing); compare to 2021 Goal: 25%
- Increased interest in carpool, vanpool, employer shuttles after social distancing
- Bike and water taxi mode shares show increase to 6% each, but shy of the 10% mode share goal for 2021

**Modified Mode Share Goals  
(September 2020)**



**How People Get Around - Change Needed**





# Mobility Action Plan update

## Now (COVID restrictions)

- KC Metro Vanpool promotions and subsidy
- KC Metro March 2021 transit service hour adds on routes 50, 60, and 128 to address crowding with COVID bus capacity constraints
- Monthly meetings with Employer Resource Group
- Travel options website  
(<https://www.seattle.gov/transportation/projects-and-programs/programs/west-seattle-duwamish-valley-travel-options>)

## Next (COVID recovery)

- Additional transit service hour planning through STBD, including water taxi feeder service
- Travel options portal with micromobility, transit, and vanpool subsidies
- Freight demand management strategies from UW partnership

# West Marginal Way

- Context
- 2021 construction projects
- Proposed designs for the southbound curb lane
- Public/stakeholder engagement and final decision timeline



# Area of focus: SW Marginal Pl to SW Alaska St

- SDOT is proposing designs in Sections 1 and 2 for multimodal travel and safety
- Most design elements are within the southbound curb lane so the data presented will focus primarily on southbound movements
- No changes are proposed at this time for northbound movements and continue to work with adjacent businesses for freight mobility improvements





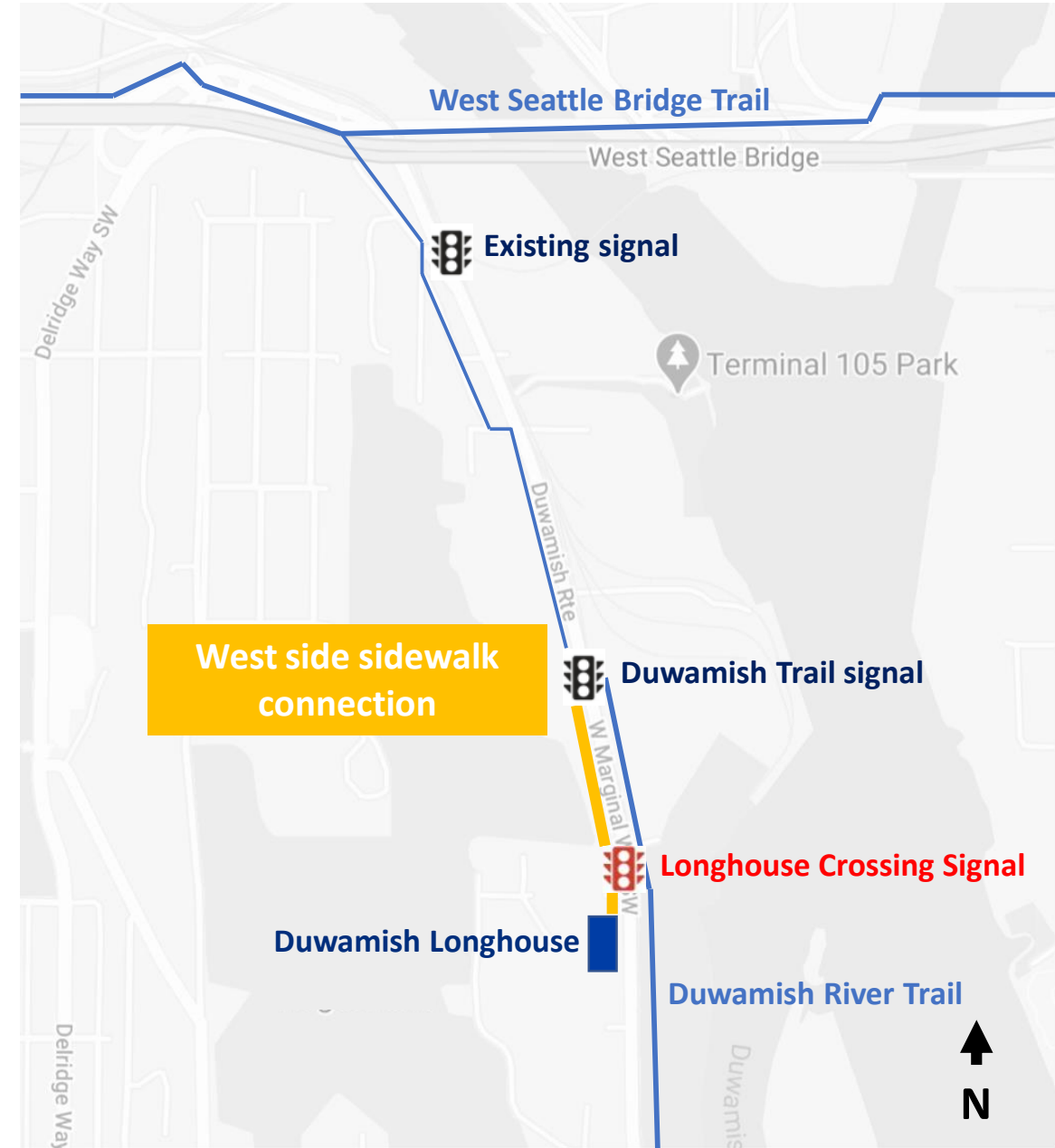


# 2021 Construction projects



# 2021 construction

- Longhouse interim crossing signal 2021 installation
  - Permanent installation in 2022 and beyond pending BNSF coordination
- West side sidewalk connection Spring 2021 installation
  - Placed between trees and property line (replaces dirt path)





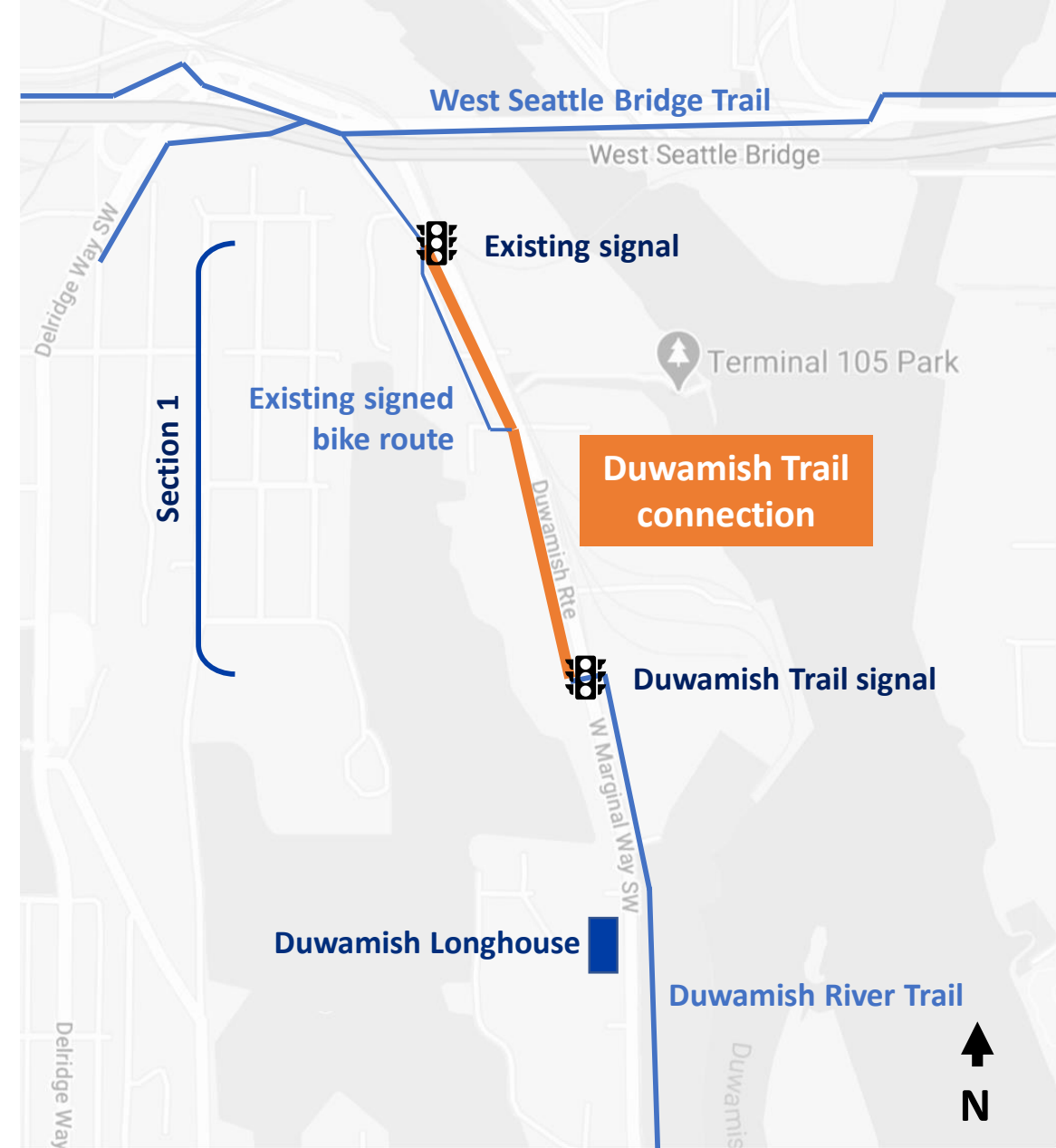


# Proposed designs for southbound curb lane



# Section 1: Duwamish Trail connection

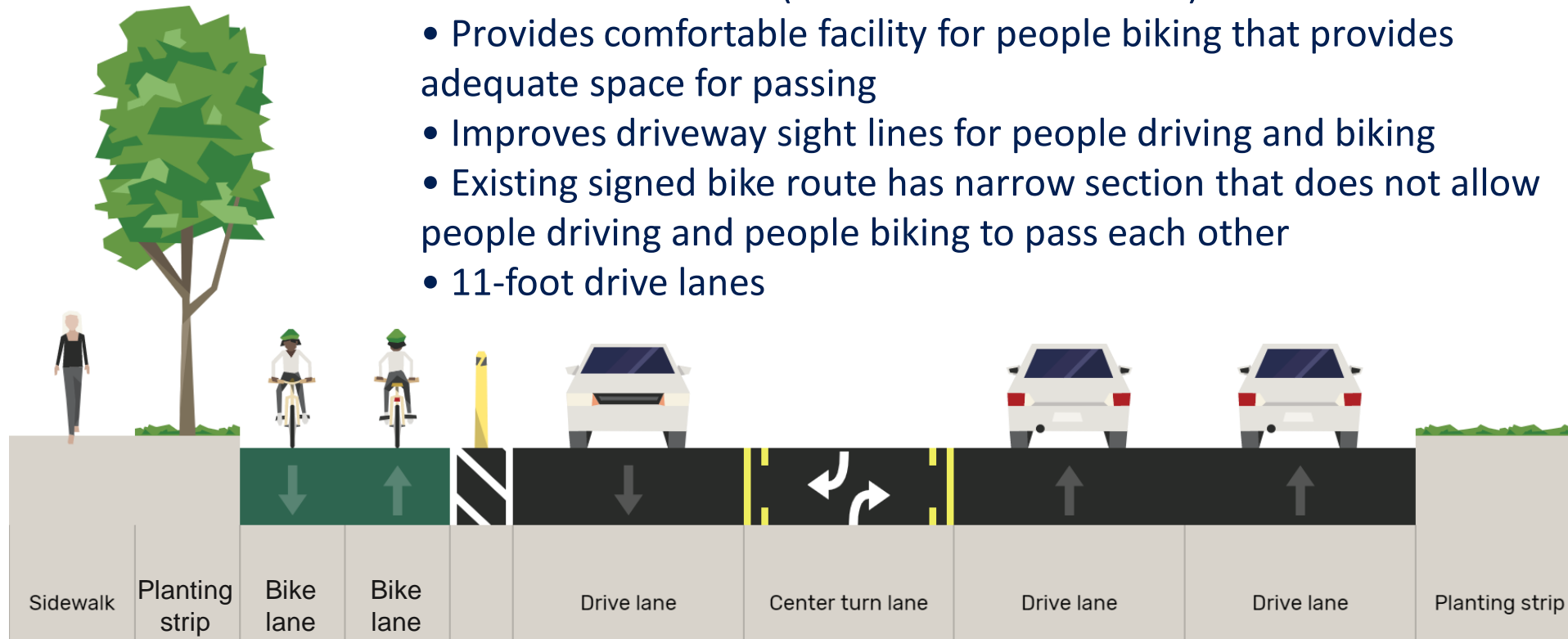
- Option 1: No build option
  - Maintain existing conditions
- Option 2: Convert southbound curb lane into a two-way protected bike lane



# Option 2: Convert southbound curb lane into a two-way protected bike lane

Preferred alternative (B – Protected Bike Lane):

- Provides comfortable facility for people biking that provides adequate space for passing
- Improves driveway sight lines for people driving and biking
- Existing signed bike route has narrow section that does not allow people driving and people biking to pass each other
- 11-foot drive lanes



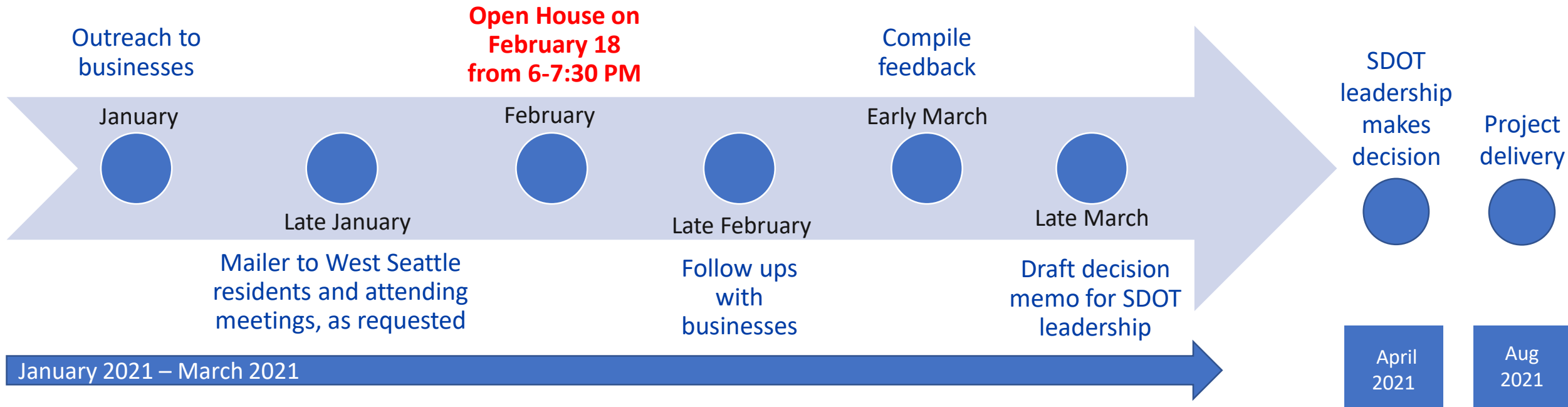


## Section 2: Curb lane design options

- Option 1: Extend Duwamish Trail connection south to Longhouse crossing signal, maintain on-street parking in front of Longhouse
- Option 2: Extend existing on-street parking north to Duwamish Trail signal
- Option 3: Remove lane drop, remove on-street parking in front of Longhouse



# Engagement and final decision timeline



# Vision Zero Yard Signs

- Yard signs available
- Email request to [westseattlebridge@seattle.gov](mailto:westseattlebridge@seattle.gov)
- Available in Spanish, Vietnamese, Somali, Khmer



seattle.gov/visionzero VISION ZERØ Seattle Department of Transportation



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# Low bridge automated photo enforcement

- Began on January 11
- \$75 citation for each trip if not freight, transit, emergency, or authorized user
- Monitoring traffic data
- Next user group we're working on is on-call healthcare providers





# Questions / Discussion

[www.seattle.gov/transportation/WestSeattleBridge](http://www.seattle.gov/transportation/WestSeattleBridge)

