



J Line



# RapidRide J Line

**Mercer Corridor Group**

November 2, 2023



# Why RapidRide J Line?



Provide transit service to support housing and employment growth



Improve transit travel time and reliability throughout the corridor



Reduce overcrowding of existing bus capacity



Provide neighborhood connections to Link light rail, RapidRide Lines, and Seattle Streetcar



Improve pedestrian and bicycle safety and connections to transit with protected bike lanes



Reduce greenhouse gas emissions



# King County Metro RapidRide key features

## Convenient and easy to use

- Service starts early and runs late, every day
- Buses come at least every 10 minutes during busiest hours
- All-door boarding is available on all coaches
- Riders with mobility aids can secure themselves easily

## Safe and smart

- Stations have real-time arrival signs
- Transit signal priority synchronizes traffic lights with buses
- Shelters are well lit, and all buses have security cameras

## Move more, stop less

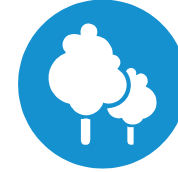
- Bus station spacing helps speed up your ride
- Street and traffic improvements make it easier to get to/from the bus



# RapidRide J Line: By the Numbers



2 miles of new bus-only lanes



190 new trees planted



2 miles of road paving



15,130 feet of upgraded sidewalk:  
147 upgraded curb ramps  
177 new or upgraded crosswalks



3.7 miles of protected bike lanes



8,900 feet of new water mains



33 new or updated traffic signals



66 new streetlights



J Line



# Project Design Update





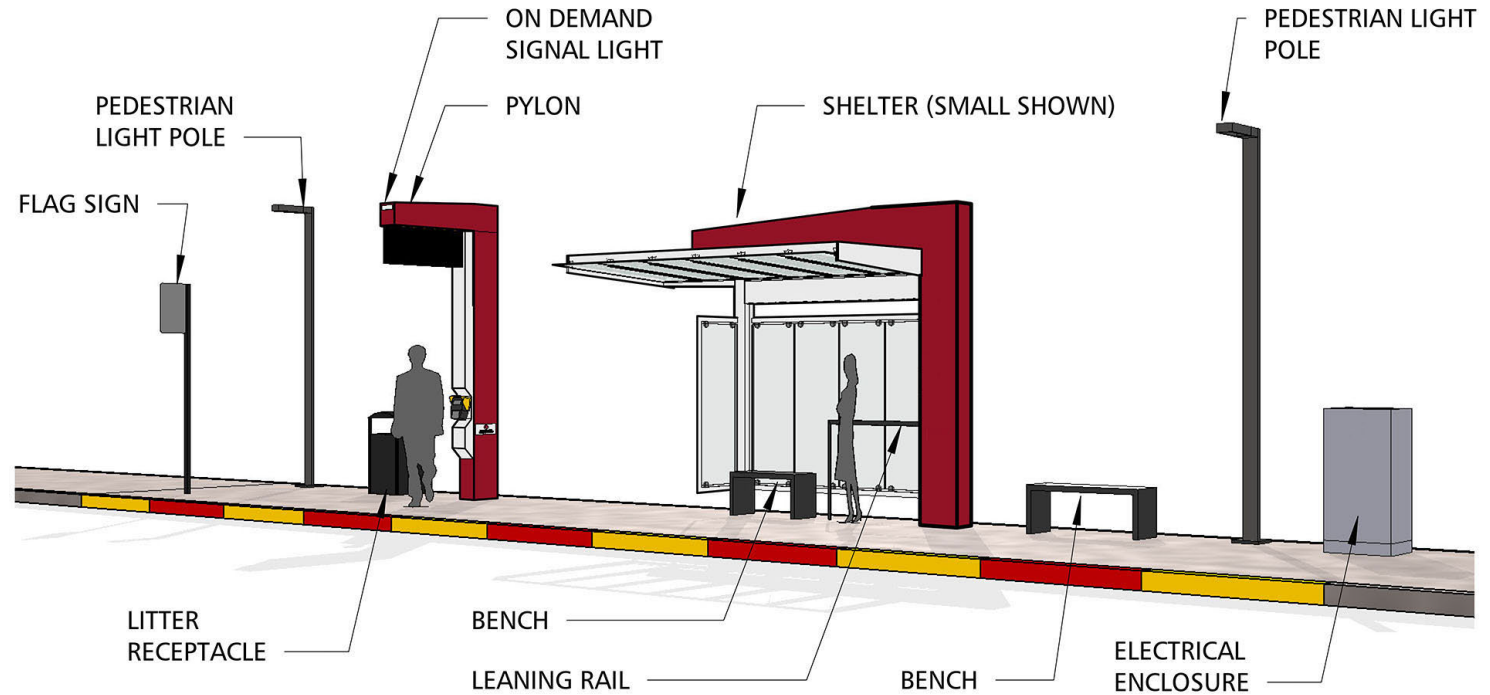
# Project Highlights Map



# Station Details

## Station Amenities

- Real-time arrival information
- All-door boarding
- Benches
- Pedestrian-level lighting
- 12-ft shelter canopy
- Signature signposts and route information maps



# Station Details

## Side Station

- 10 New or Upgraded



## Island Station

- 11 New or Upgraded



## Median Station (not pictured)

- Fairview Ave at Ward St



# Protected Bike Lanes

- **3.7 miles** of new bike lanes (in both directions)

## Buffer Types

- Base design for J Line: Paint and Post

## Public Outreach:

- 90% of respondents preferred some type of physical barrier
- Raised concrete buffer ~3-foot wide is now typical, SDOT is moving away from paint and post



*Example of what the upgraded bike lane will look like once completed.*

# What we heard from the community

Throughout the planning process, we're thankful for the community members who shared their input and suggestions, such as:

- The need to preserve the planted medians on Eastlake Ave E
- The need to ensure load zones are maintained for business access
- The loss of on-street parking and potential impacts to businesses
- The potential loss of tree canopy throughout the project area
- The need to extend bike lane protection heading northbound towards the University Bridge

# How we responded to community input

In response to these suggestions, we have:

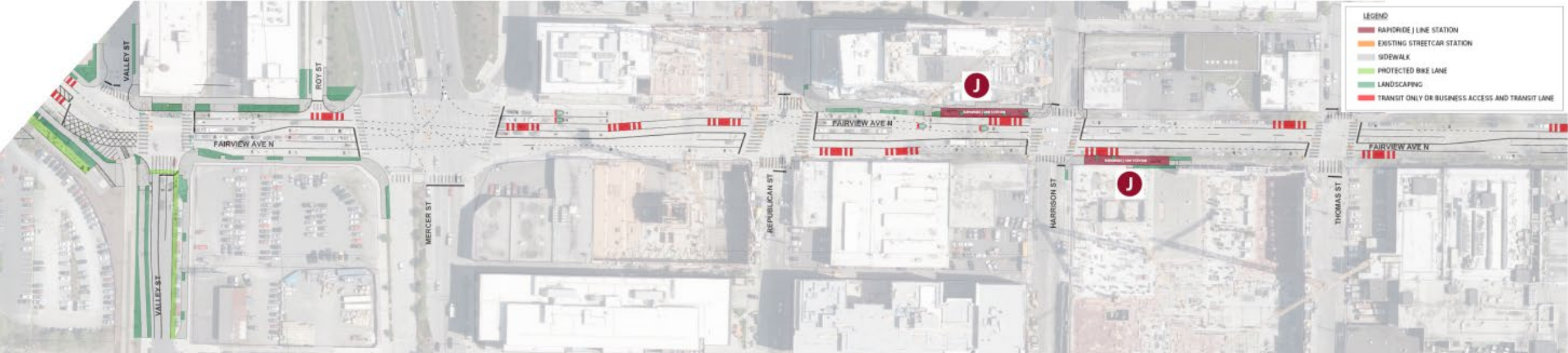
- Preserved and increased the number of planted medians on Eastlake Ave E, adding more trees to these wherever possible
- Identified loading zones for businesses, both on Eastlake Ave E nearest to businesses and on adjacent streets
- Worked with the community through various parking mitigation measures, including an RPZ study
- Updated plans to plant 190 trees to mitigate the loss of trees removed to widen sidewalks. There will be a net gain of 98 trees upon project completion
- Added additional bike lane protection south of the University Bridge

# Yale Ave N and Aloha St



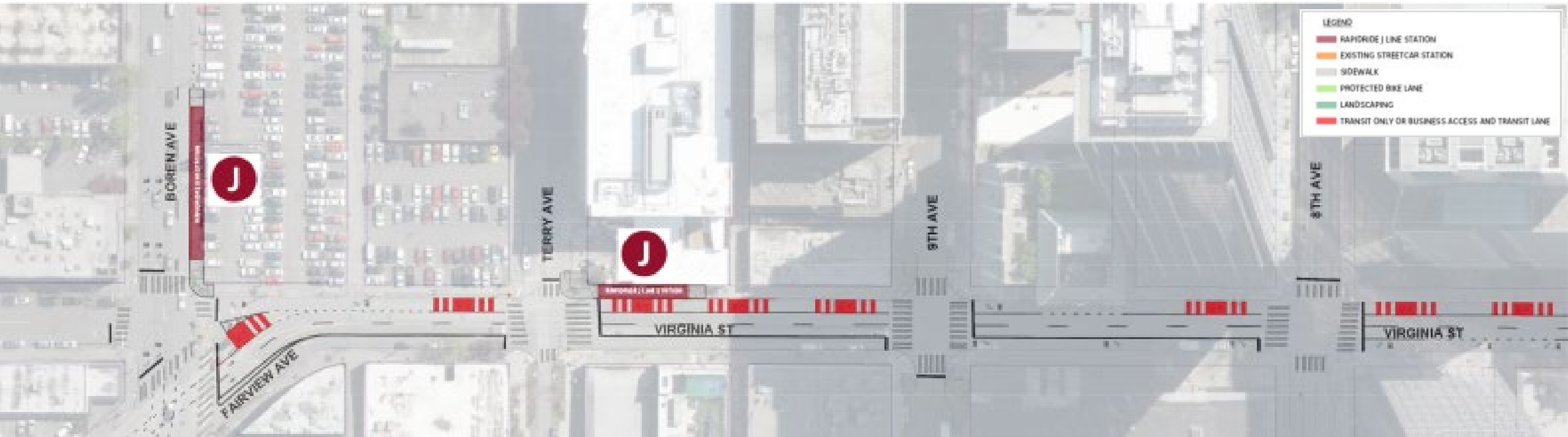


# Valley St to Thomas St





# Boren Ave to 8th Ave



# Future Communications and Coordination

- Construction outreach
- Support for businesses and key stakeholders



# Project Timeline



*we are here* →

## Planning

**2014-2017**

We collected traffic data, reviewed plans, and gathered community experiences to define options.

## Design

**2017-2023**

The RapidRide J Line project reached final design. During the design phase, we collaborated with the community, and worked to secure regulatory approval (e.g., Environmental Assessment).

## Construction

***As soon as 2024***

We will construct the project and keep the community informed on the latest construction updates, schedule, and expected impacts.

**Service launch (planned for 2027)**



J Line



Contact the RapidRide J Line project team



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<http://www.seattle.gov/Transportation/RapidRideJLine>

