Bike and Scooter Parking for Pioneer Square

Kim Pearson, Shared Mobility Program Coordinator

Outline

- Intros
- Background
- Project Goals
- Current Parking Status
- Parking Locations
- Parking Designs
- Example Renderings
- Site Plans

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Background

- **Bike Parking within Pioneer Square (PSQ):**
  - SDOT and the Alliance worked together in 2016/2017 on a Pioneer Square Bike Parking Plan which replaced existing SDOT standard bike racks with custom Pioneer Square bike racks as well as installed more bike racks.
  - 76% increase in bike and scooter ridership from 2017 to 2025
    - Based on counts from the 2nd Ave cycle track near Marion St bike counter
- **Shared Micromobility Use:**
  - Since 2017, shared micromobility riders have been traveling to and from Pioneer Square on free-floating bikes and scooters.
  - Ridership (PSQ north of King St):
    - 2023-2025: ~600,000 trip ends.
    - 2025 Ridership: 275,000 trip ends (~750 trip ends per day).
    - Growth in Ridership from 2023 to 2025: ~96%.

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Project Goals

- **Improve safety and accessibility** throughout Pioneer Square by:
  - Daylighting 14 intersections to increase pedestrian **visibility**
  - Providing **organized parking** for bikes and scooters, helping to ensure that pedestrian pathways are left clear.
- Promote **access to adjacent businesses.**

DRIVER'S LINE OF SIGHT

DRIVER'S LINE OF SIGHT

BEFORE DAYLIGHTING
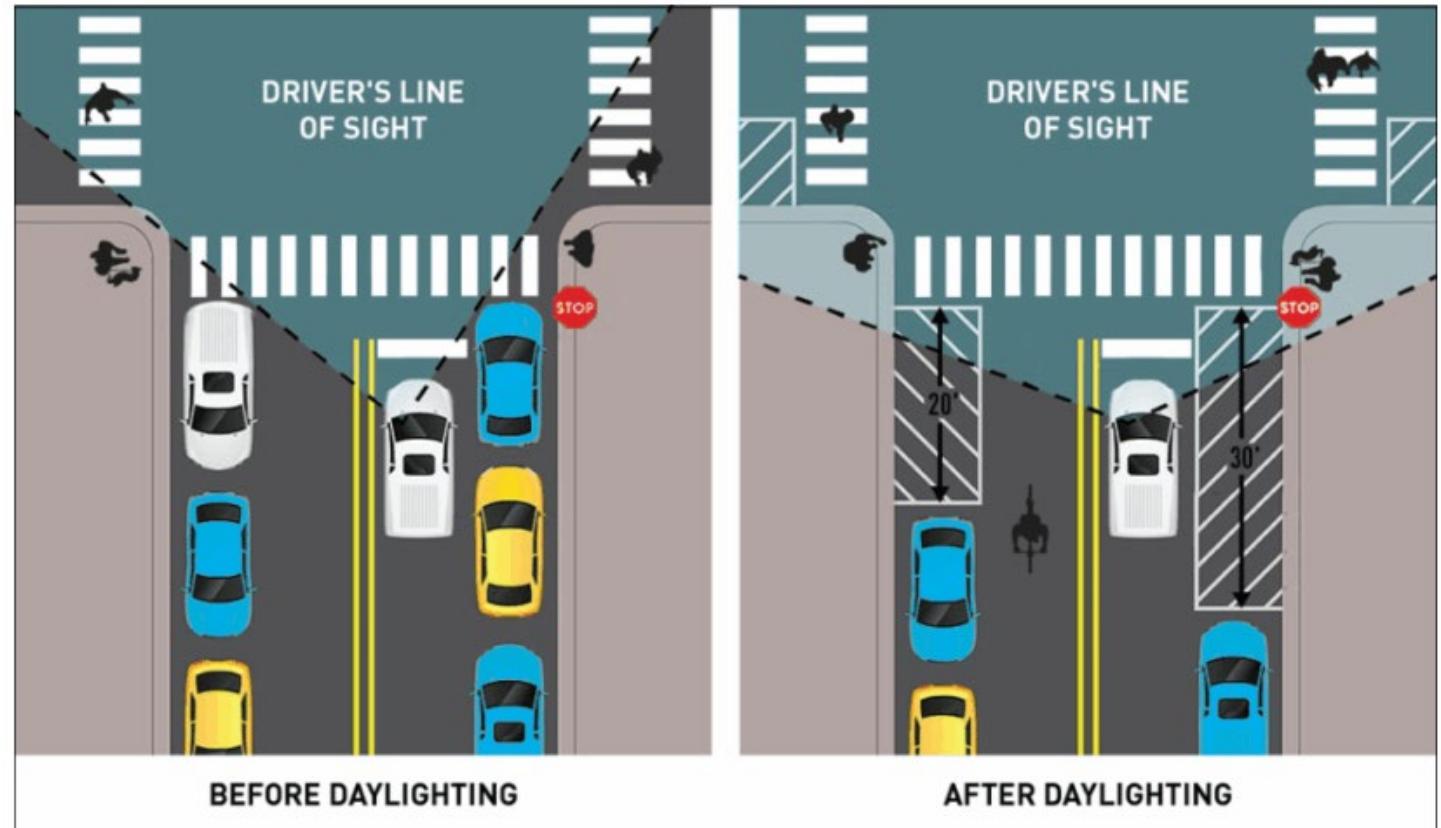
AFTER DAYLIGHTING

Intersection daylighting increases visibility at crosswalks and intersections, allowing drivers to see a bigger area as they approach the intersection. Graphic adapted from City of Lancaster, PA.

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Current Parking Status*

Bike Racks

- Current Bike Rack Parking Capacity: 204 spaces (102 bike racks)
  - Note: These spaces are occupied by personal bikes and scooters some of the time.

Shared Micromobility

- Average Daily Shared Device Presence (Jul to Sep 2025): 254

- Event Day Shared Device Presence: 462 or more

- Average Daily Trip Ends: 995

- Parking Deficit: Over 258 spaces on event days, with demand expected to increase.

- Find It, Fix It Parking Complaints: 180+ since 2023.
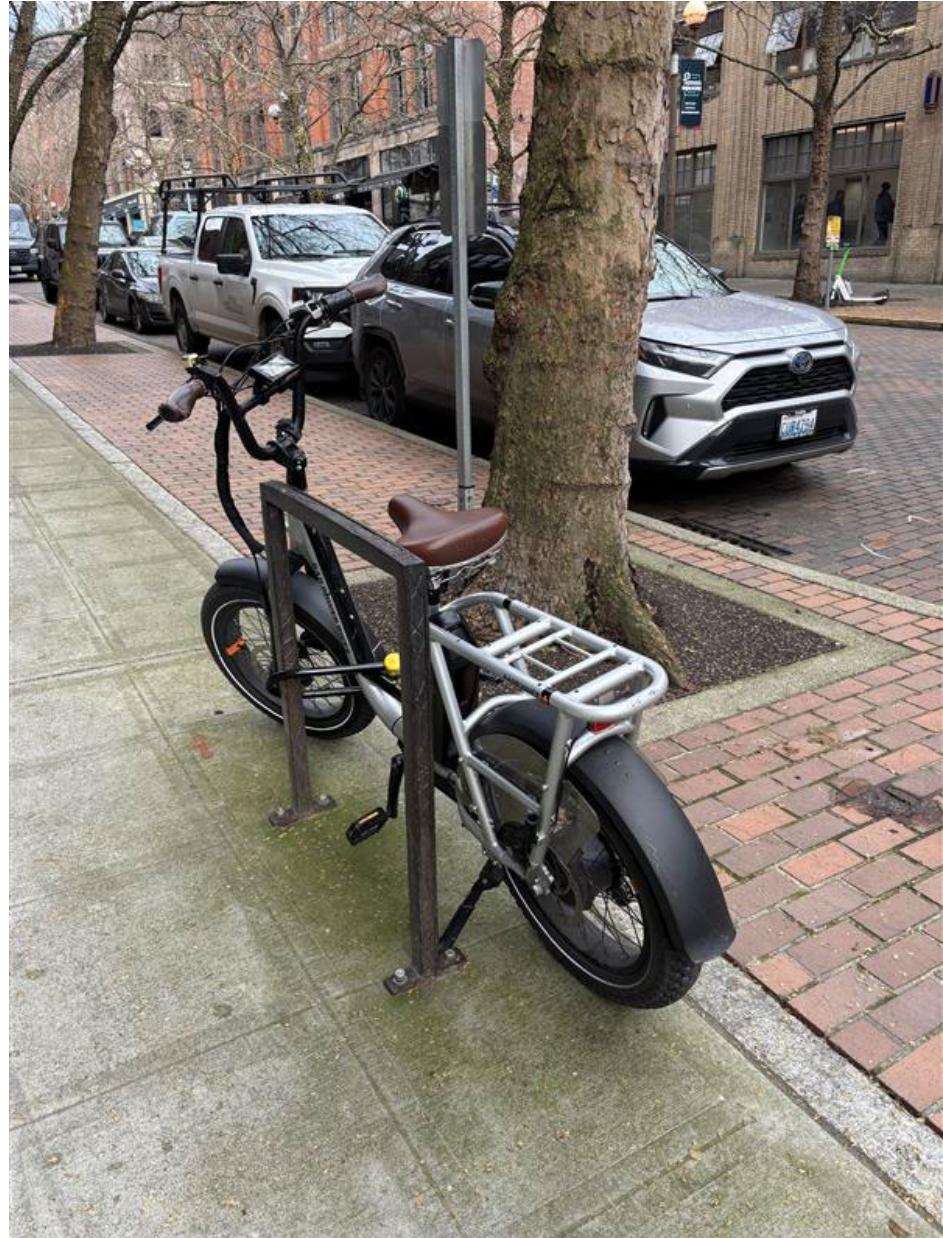
These metrics were calculated for Pioneer Square north of King St.

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Proposed and Existing Bike and Scooter Parking Locations

- Our teams have done field work and identified proposed locations (see map).

- On-street Corrals: 21

- On-sidewalk Zones: 6

- These parking areas will provide ~290 spaces for shared scooters and bikes

- Removes 1-2 legal vehicle parking spaces

FIFA Downtown Parking Project 2026

2/11/2026

SDE_HistoricalDistricts

1:7,370

Shared Bike and Scooter Parking Corrals

- Furniture Zone Corrals w/o Racks
- On-Street Corrals
- Furniture Zone Corrals with Racks
- Existing Furniture Zone Corral w/o Racks

Sources: Esri, TomTom, Garmin, FAO, NOAA, USGS, © OpenStreetMap contributors, and the GIS User Community

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On-Street Corral Design

- Two custom Pioneer Square bike racks on custom rails from the same manufacturer, Urban Accessories

- One 6' scooter legend in the free-floating area

- Two Concrete wheel stops at either end of the corral

- Two white omega posts
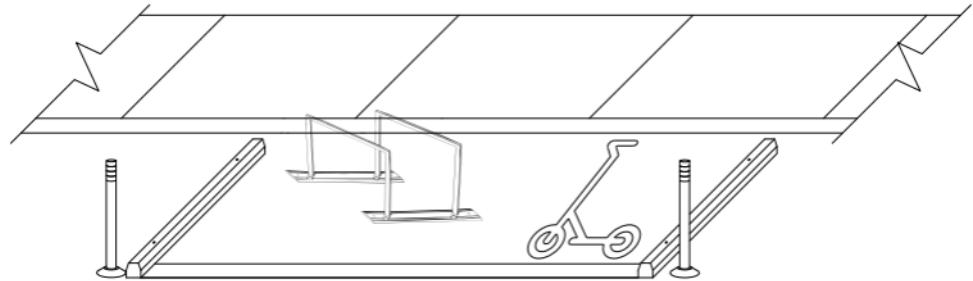
ISOMETRIC VIEW

PLAN VIEW

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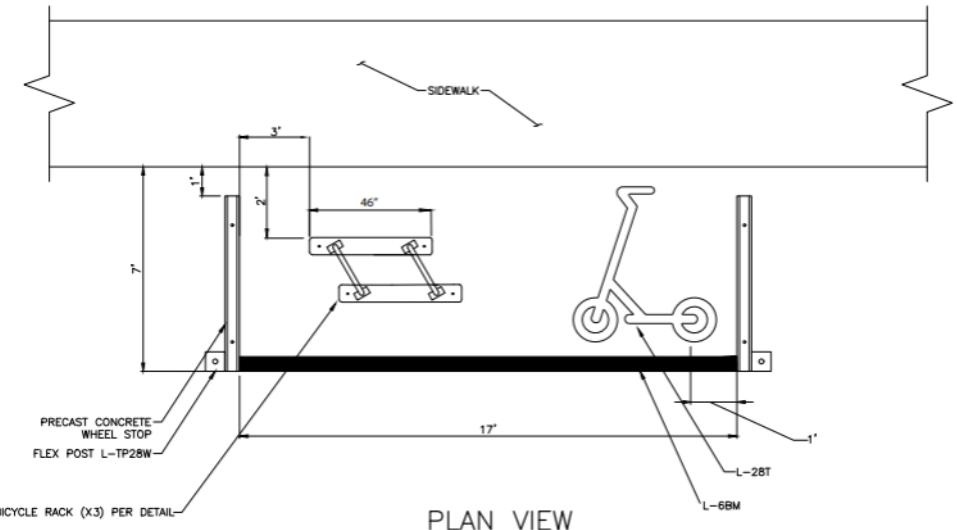
Parking Zone Design

Flexible furniture zone design:

- 4' minimum height, 8' minimum width box using 4" white thermoplastic outline
- One or two 3' scooter or bike person legends

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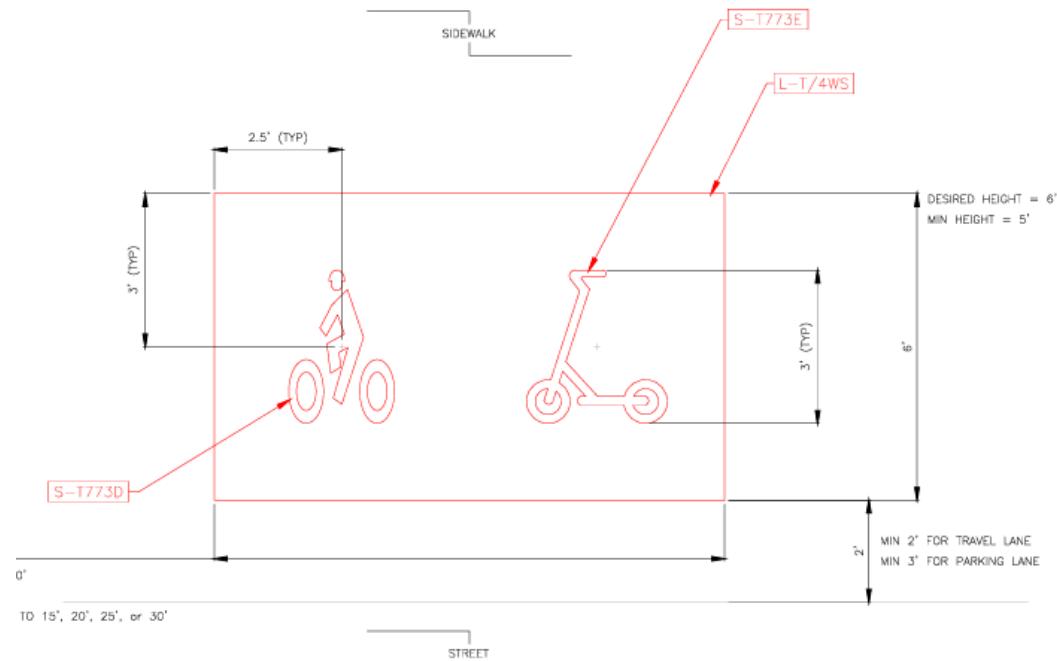
Materials

- Pioneer Square Custom Bike Racks
- Matching Iron Rails
- Concrete wheel stops
- White 28" omega posts
- 6' scooter marking
- 3' scooter and bike person markings

Renderings – 1st Ave and Cherry, NB Departure

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Renderings – 1st Ave and King St, SB Approach

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Renderings – 1st Ave and Washington, NB Approach

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Renderings – 1st Ave and Yesler, NB Departure

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Furniture Zone Built Example

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Western Ave / Yesler Way

Vicinity Map: (click on map for Streetview)

Area Reference:

Proposed Layout:

CONCRETE WHEEL STOP

WHITE FLEX POST

6'

17'

3FT SCOOTER SYMBOL

INVERTED U-RACKS ON RAILS

WHITE FLEX POST

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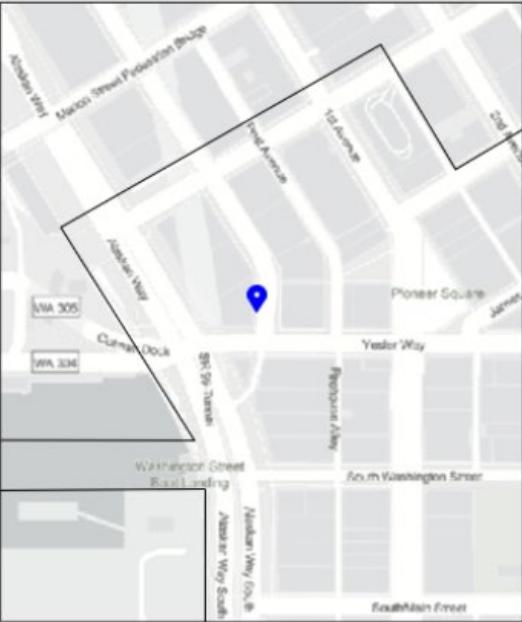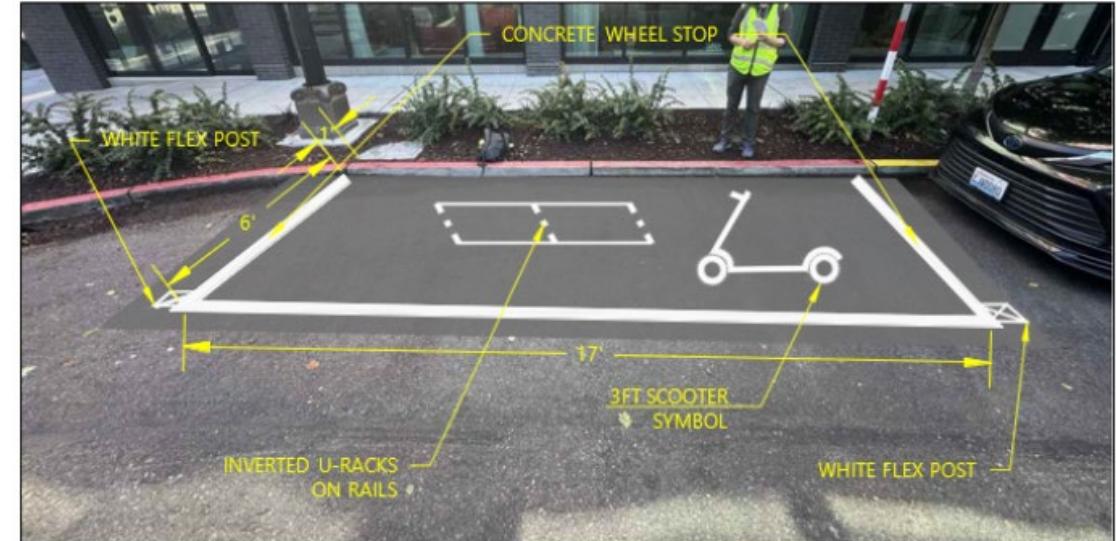
1st Ave / Cherry St, SB approach and NB departure

Vicinity Map

Area Reference

Proposed Layout

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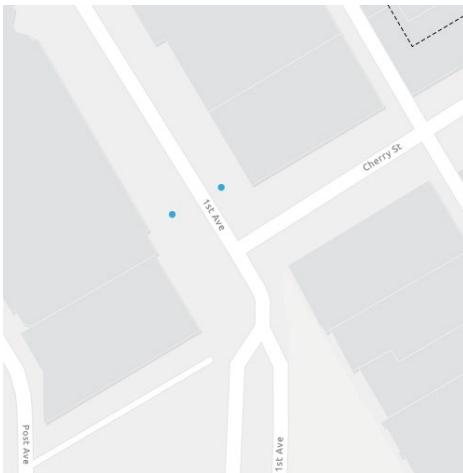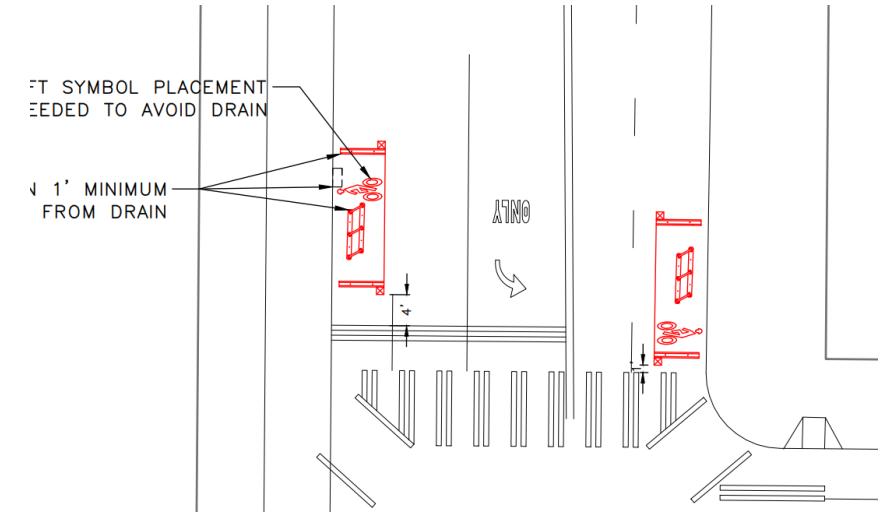
1st Ave / Yesler Way, SB approach and NB departure

Vicinity Map

Area Reference

Proposed Layout

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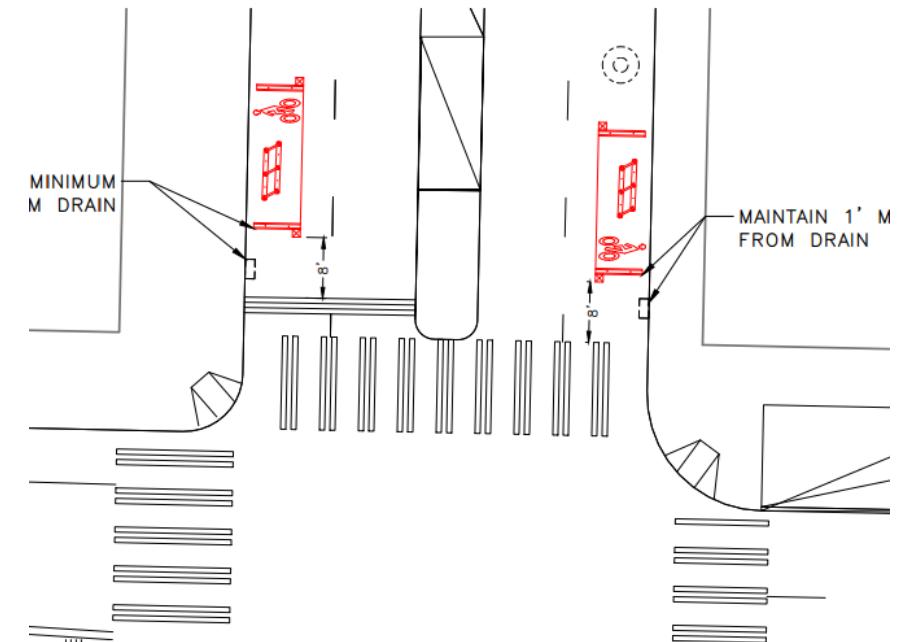
Yesler Way / 1st Ave S, EB approach

Vicinity Map: (click on map for Streetview)

Area Reference:

Proposed Layout:

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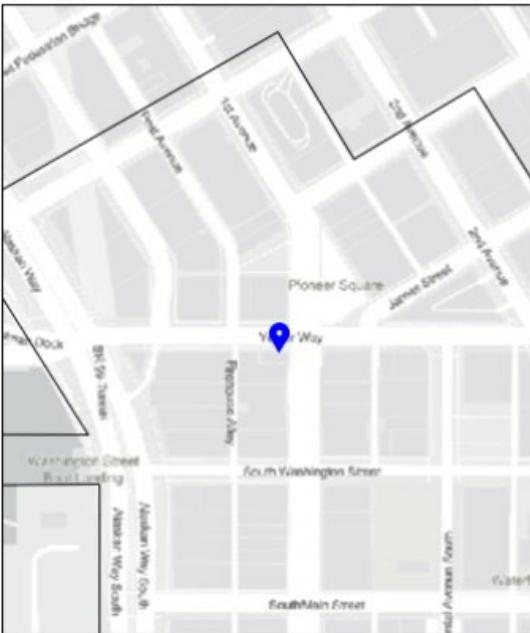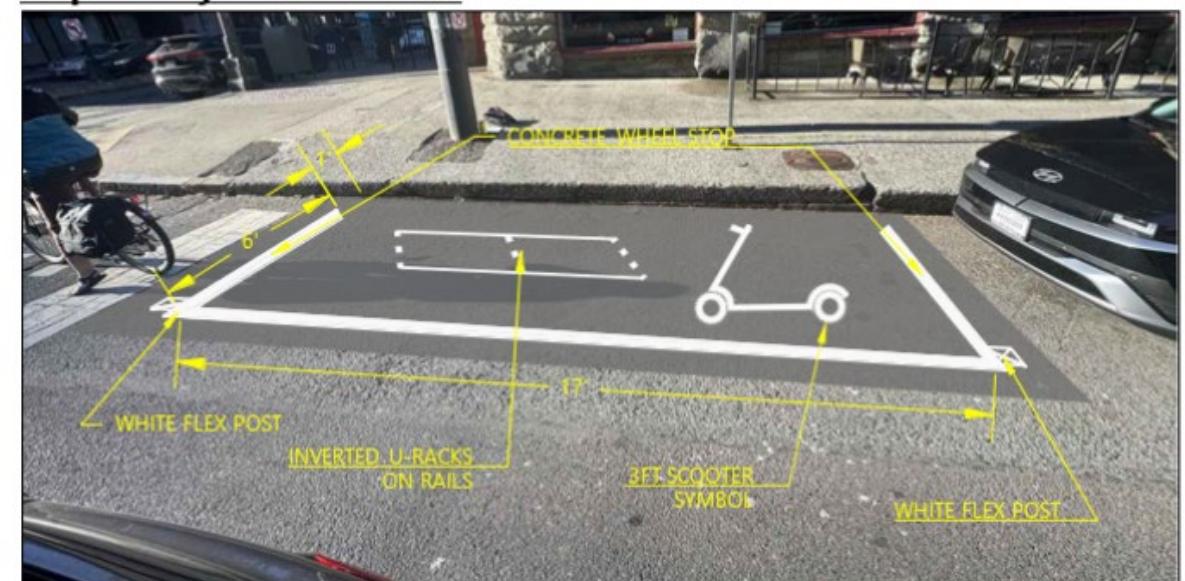
1st Ave S / S Washinton St, SB and NB approach

Vicinity Map

Area Reference

Proposed Layout

MAINTAIN 1'
FROM DRAI

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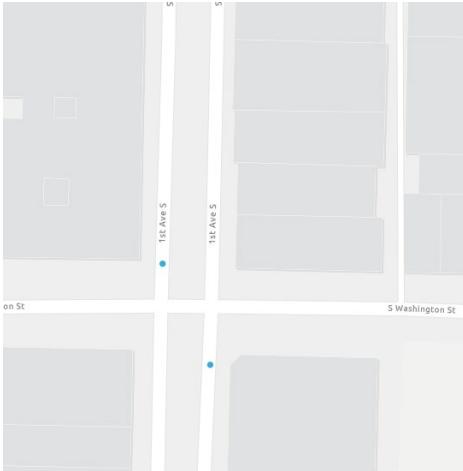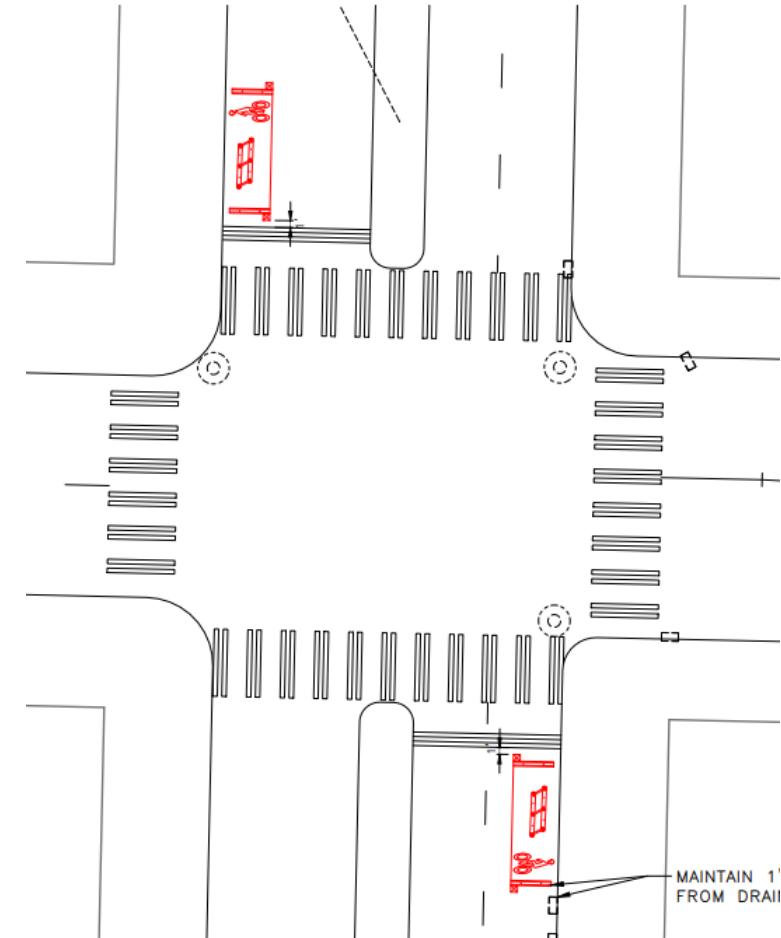
1st Ave S / S Main St, SB approach

Vicinity Map

Area Reference

Proposed Layout

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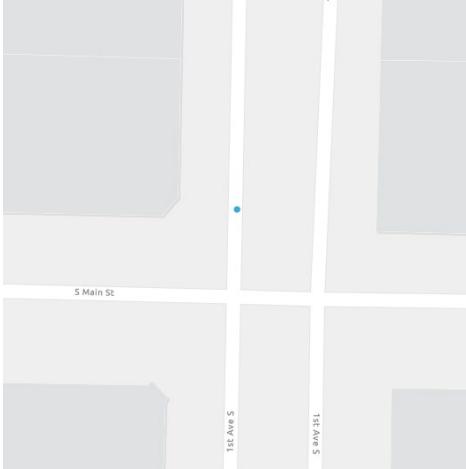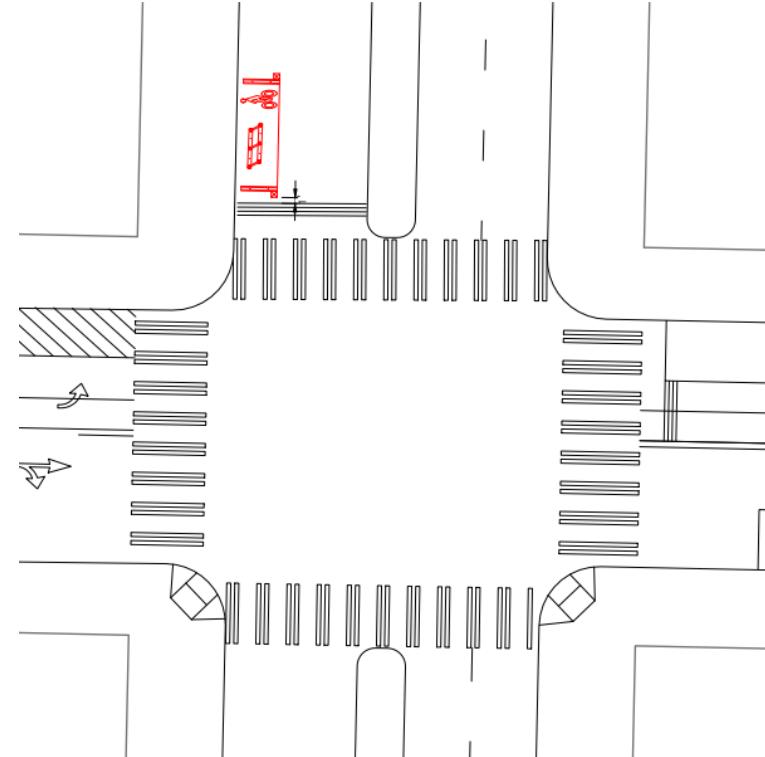
S Jackson St / 1st Ave S, EB approach

Vicinity Map: (click on map for Streetview)

Area Reference:

Proposed Layout:

CONCRETE WHEEL STOP

WHITE FLEX POST

INVERTED U-RACKS ON RAILS

3FT SCOOTER SYMBOL

17'

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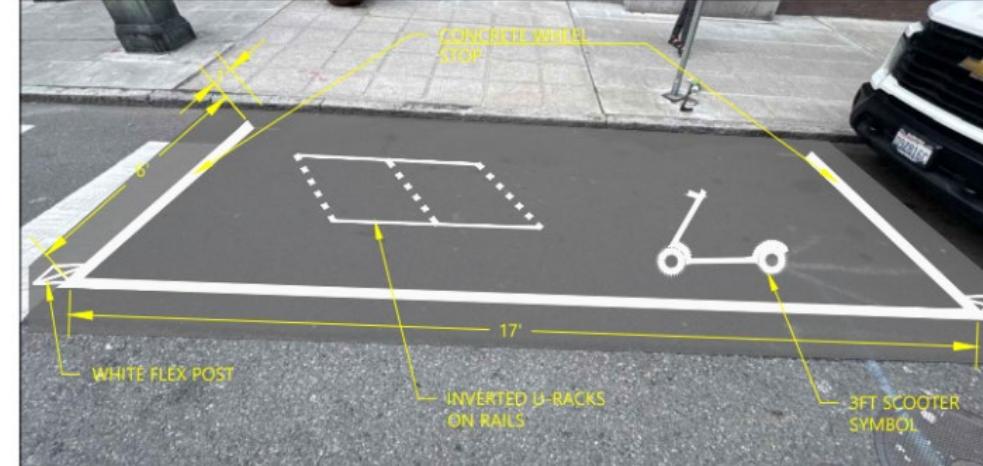
1st Ave S / S King St, SB approach
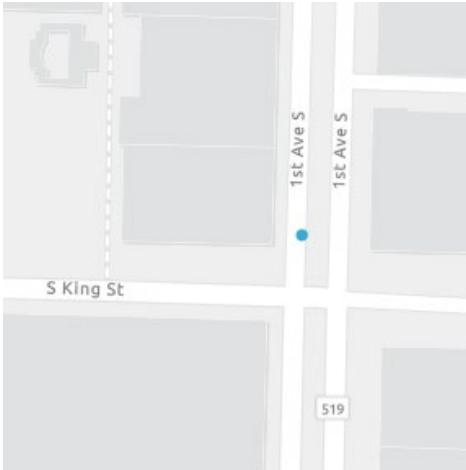
Vicinity Map

Area Reference
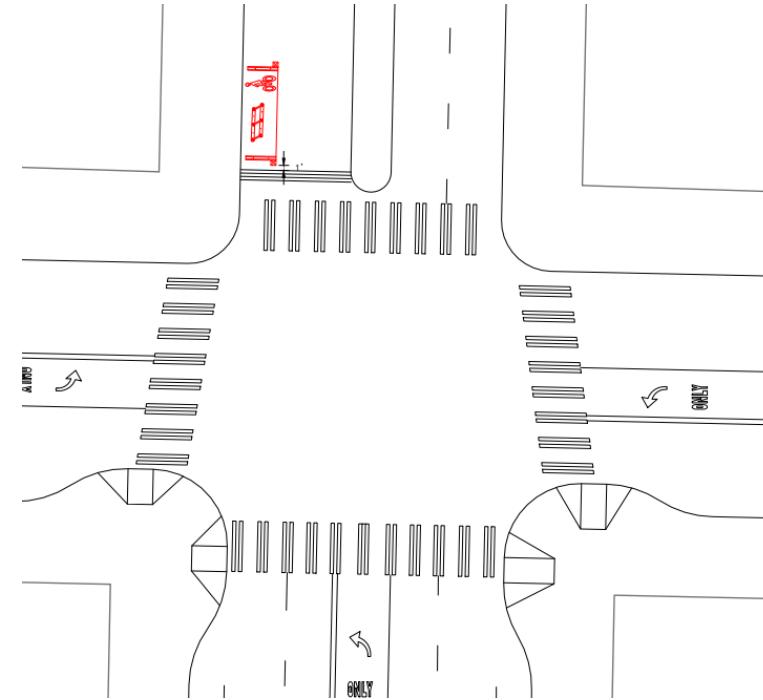
Proposed Layout

Yesler Way / Occidental Ave S
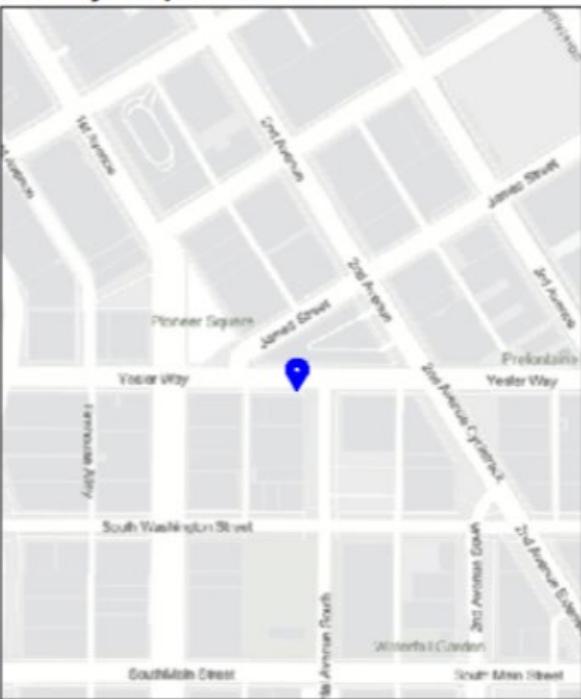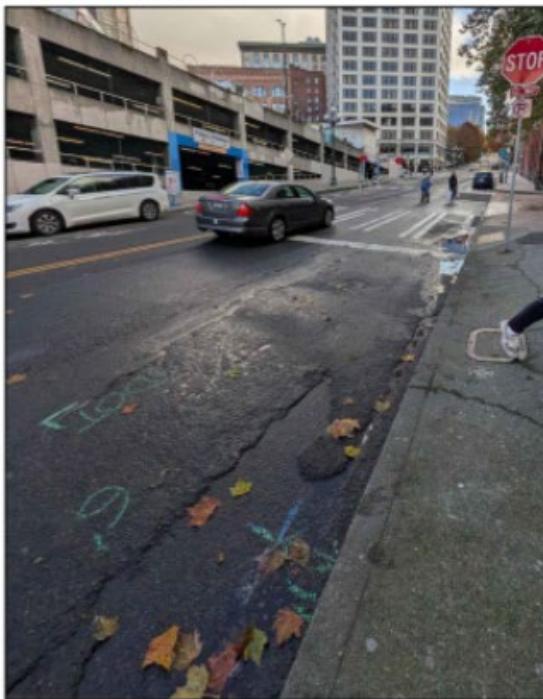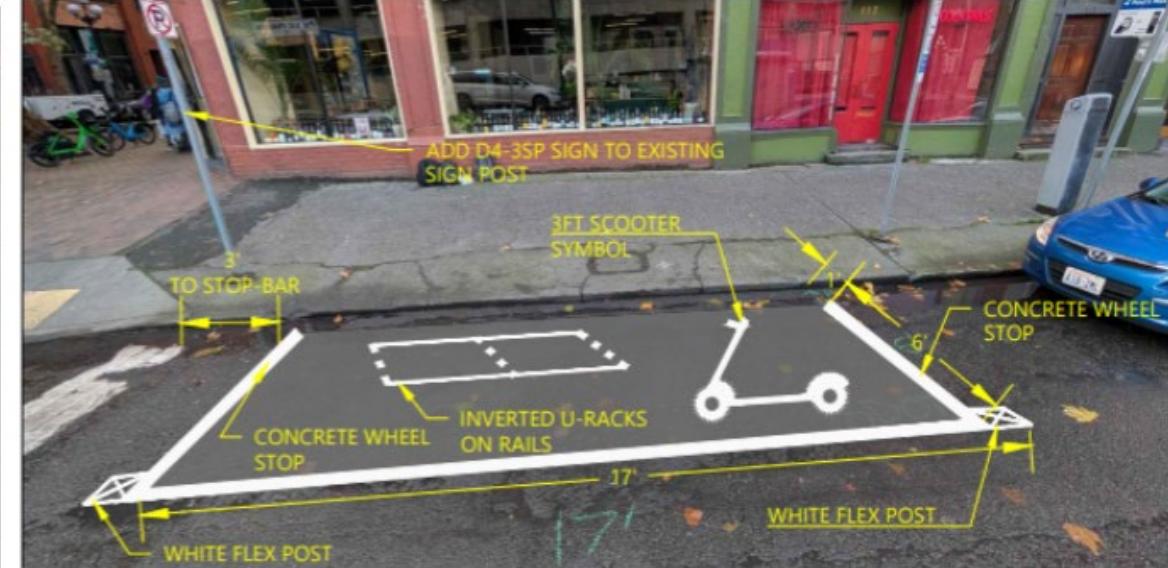
Occidental Ave S / Yesler Way, NB approach

Vicinity Map: (click on map for Streetview)

Area Reference:

Proposed Layout:

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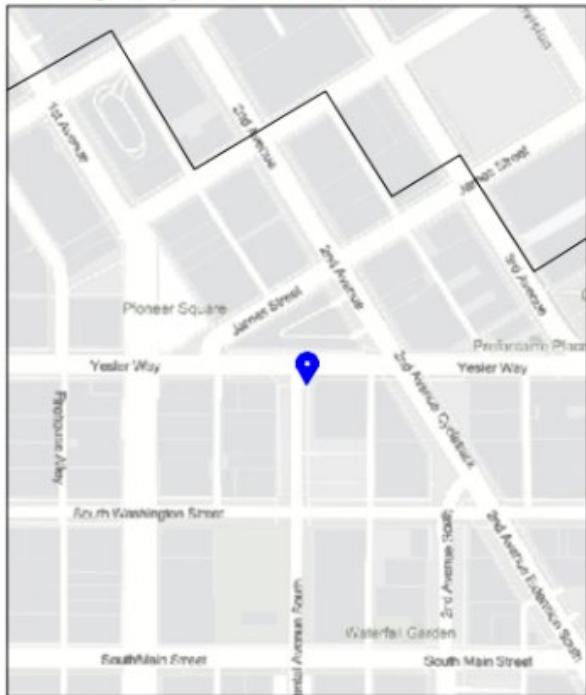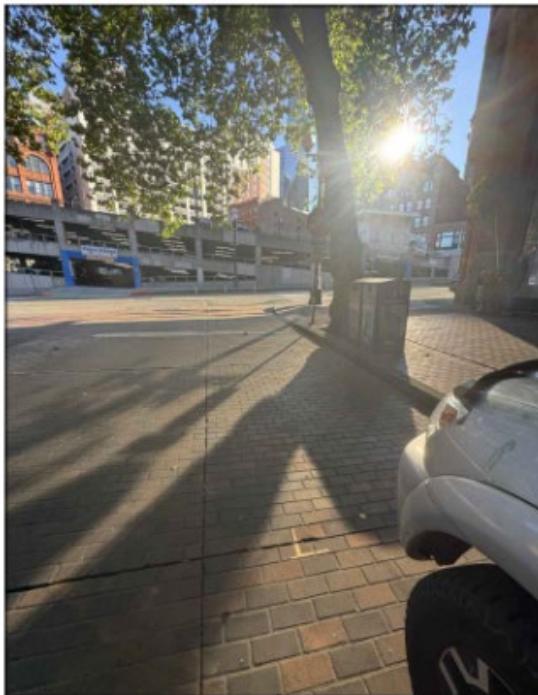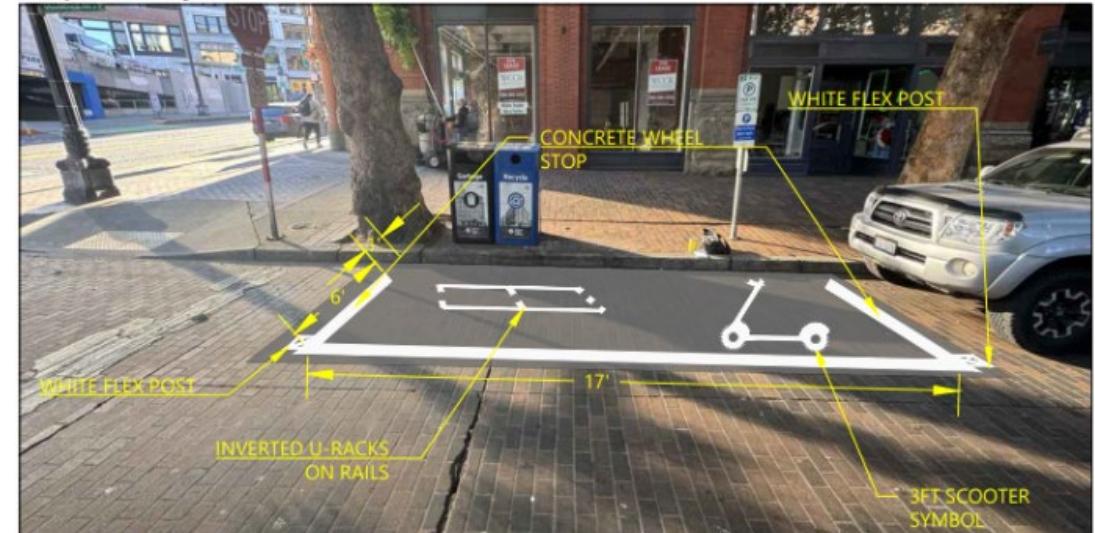
Occidental Ave S / S Washington St, SB appraoch

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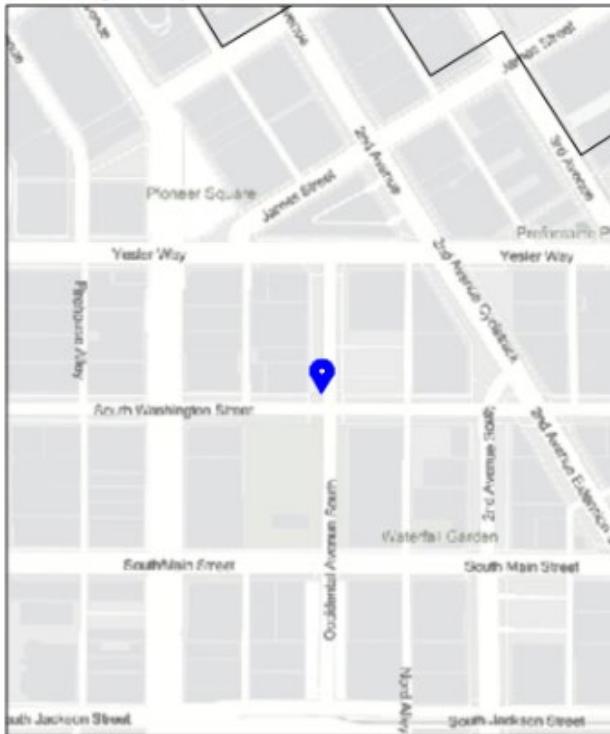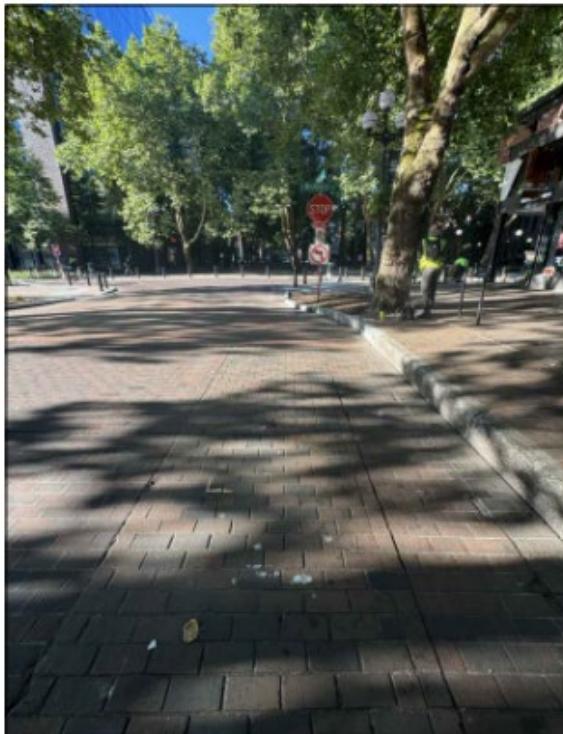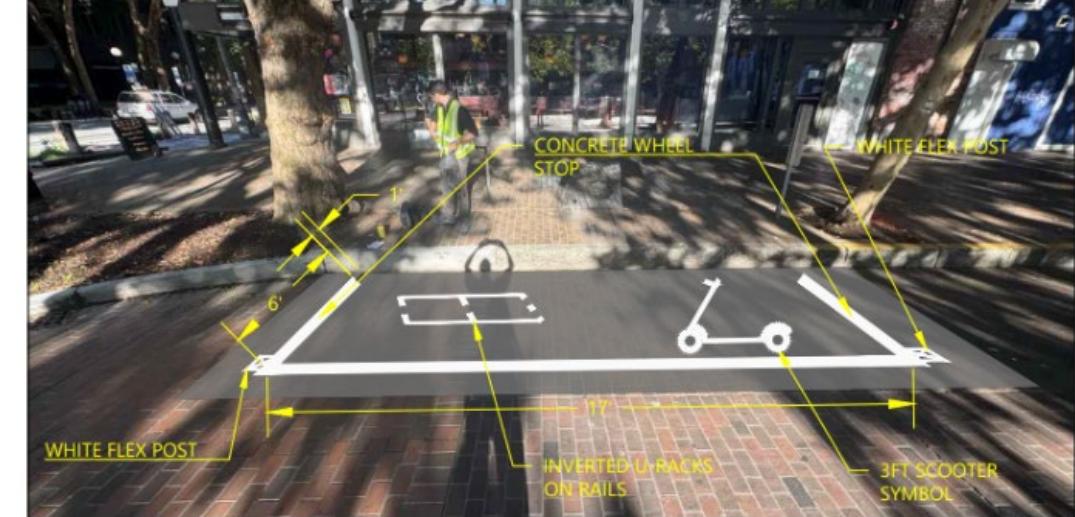
Occidental Ave S / S Main St, EB approach

Vicinity Map: (click on map for Streetview)

Area Reference:

Proposed Layout:

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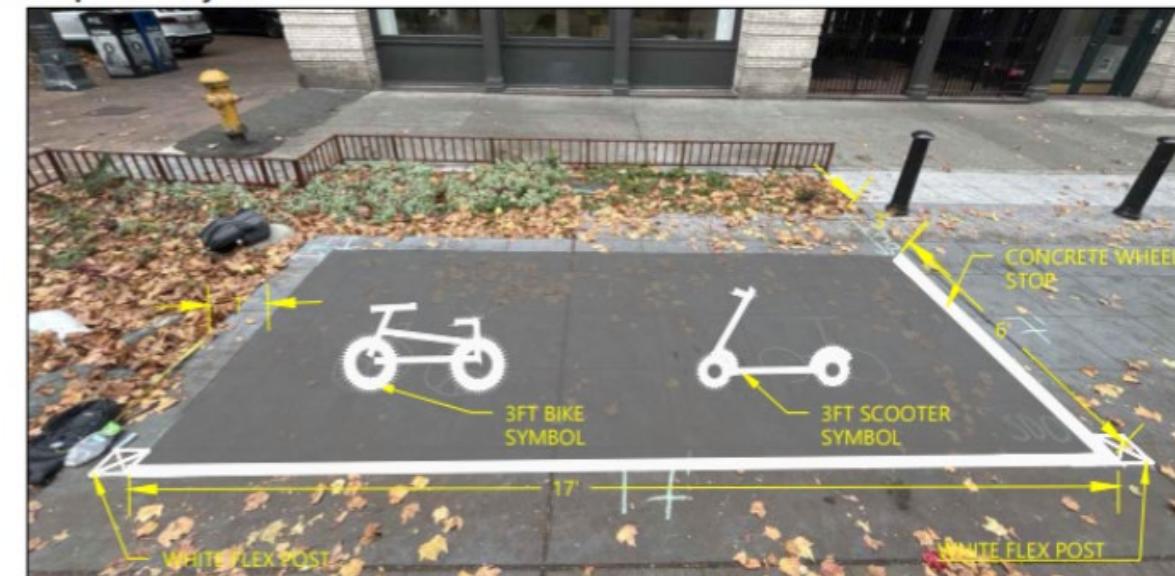
S Main St / Occidental Ave S, EB departure

S Main St / "Alley", EB departure

Vicinity Map: (click on map for Streetview)

Area Reference:

Proposed Layout:

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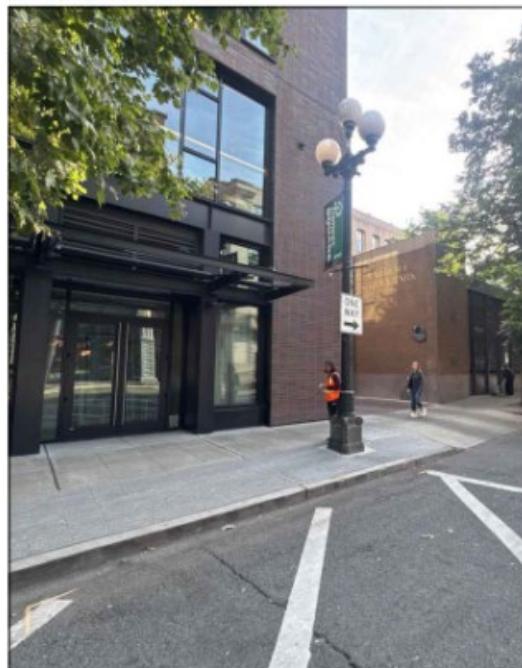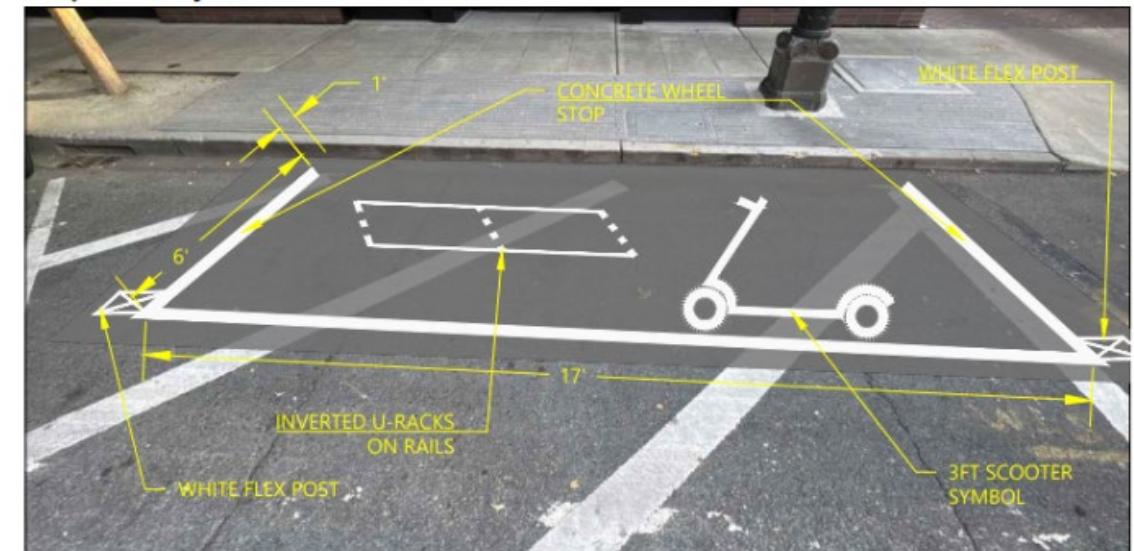
Occidental Ave S / S Jackson St, NB approach

Vicinity Map: (click on map for Streetview)

Area Reference:

Proposed Layout:

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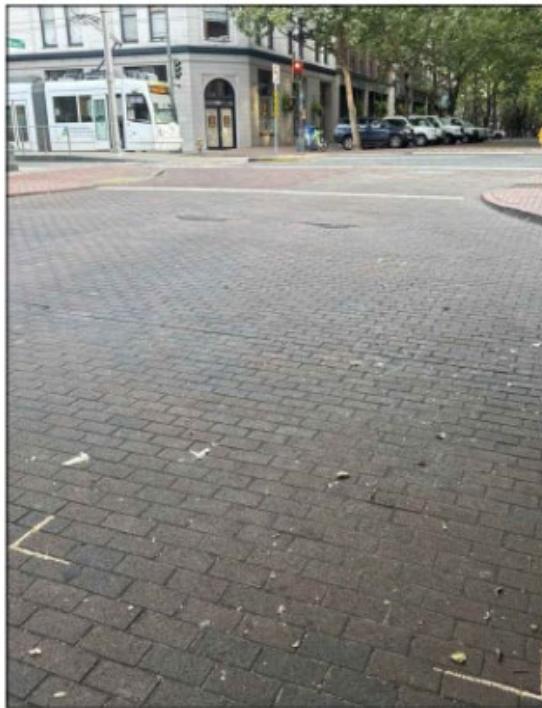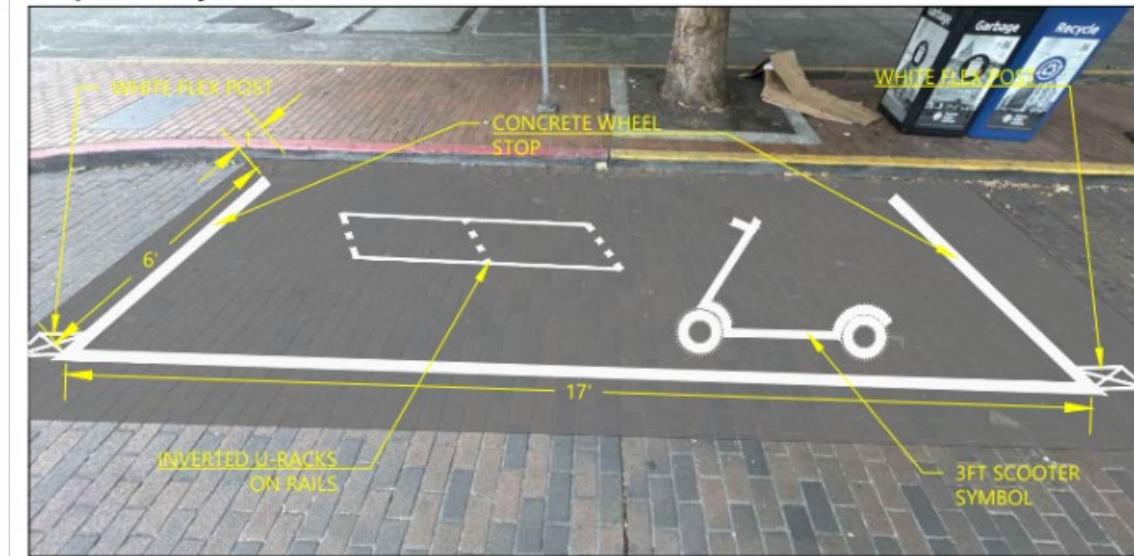
Occidental Ave S / S King St, SB approach

Vicinity Map: (click on map for Streetview)

Area Reference:

Proposed Layout:

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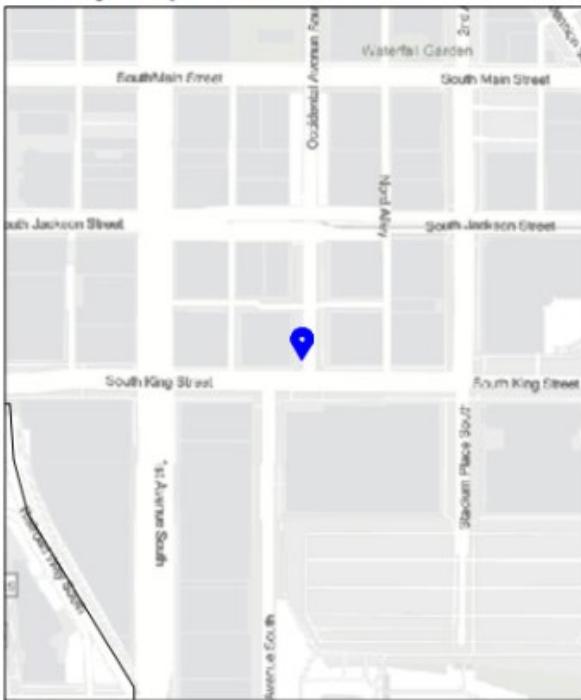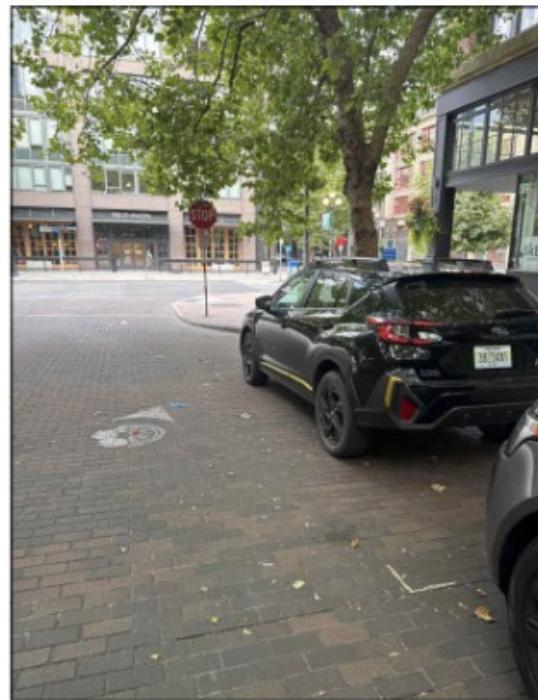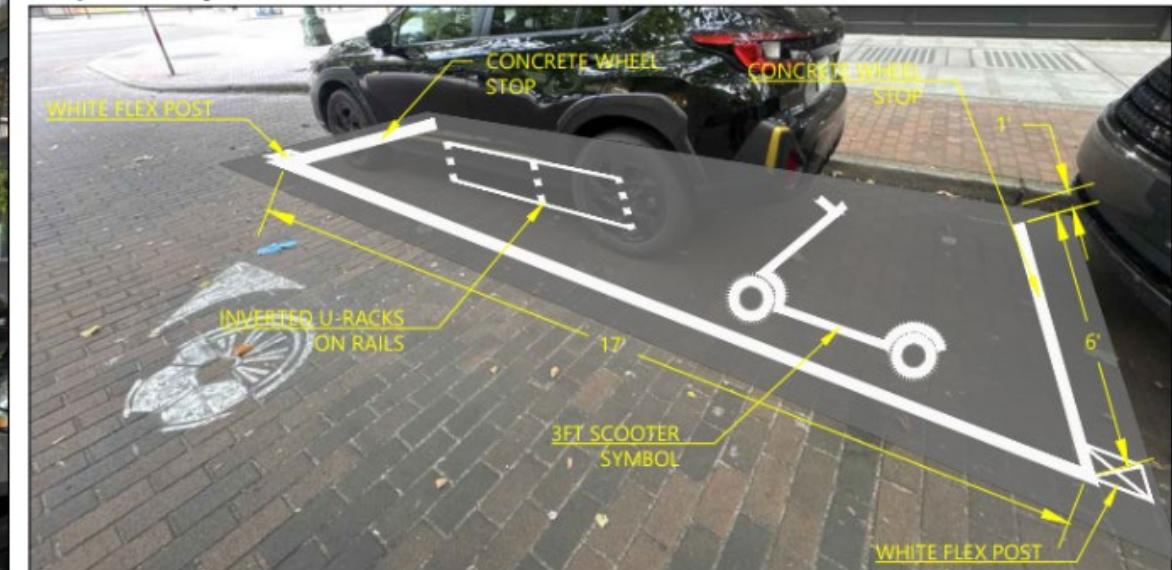
2nd Ave S / S Jackson St

Vicinity Map: (click on map for Streetview)

Area Reference:

Proposed Layout:

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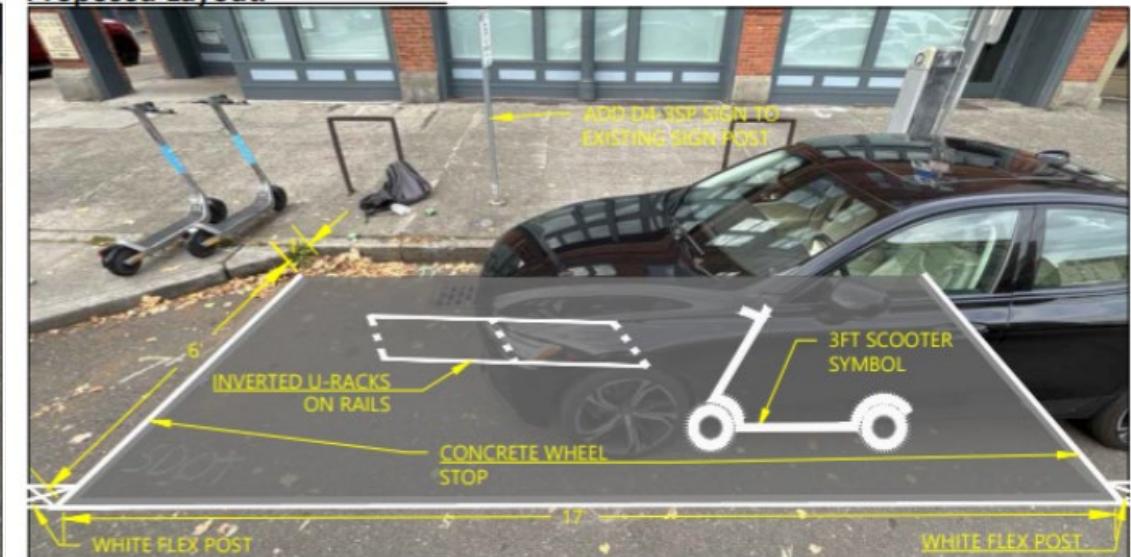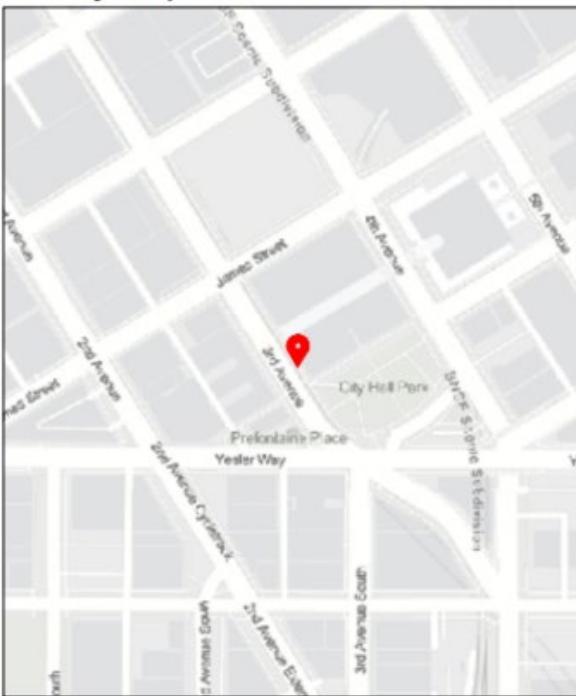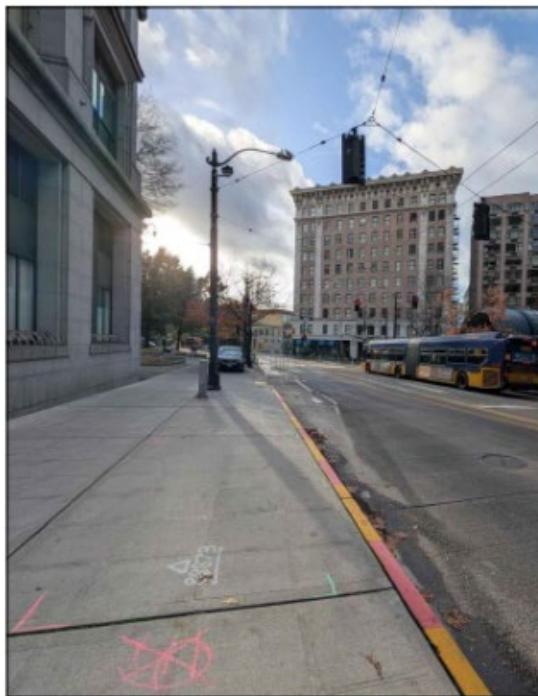
3rd Ave / Jefferson St
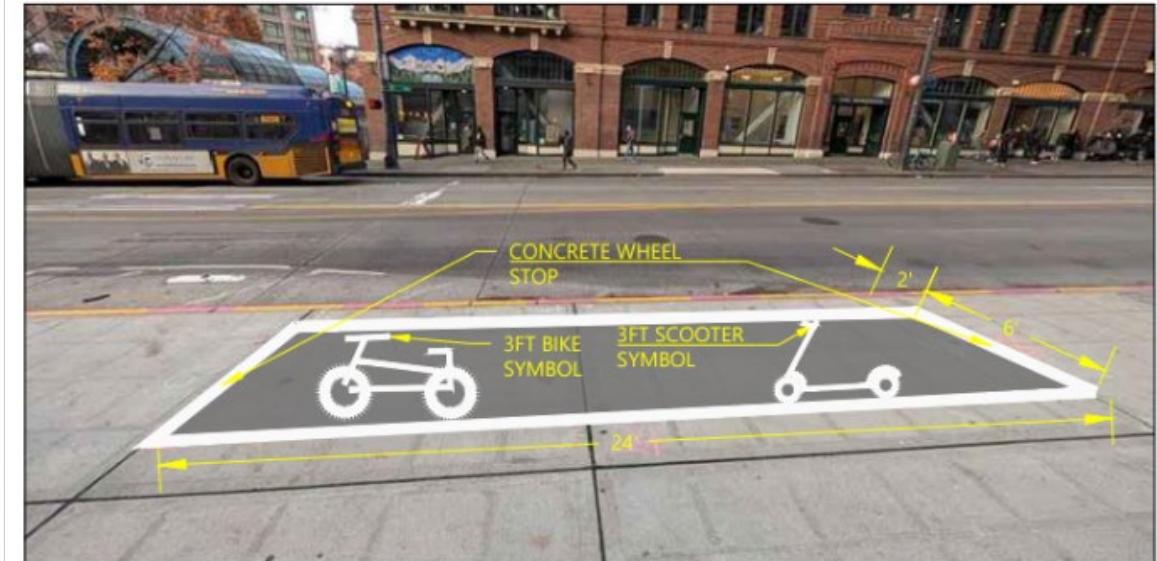
4th Ave / Dilling Way

Vicinity Map: (click on map for Streetview)

Area Reference:

Proposed Layout:

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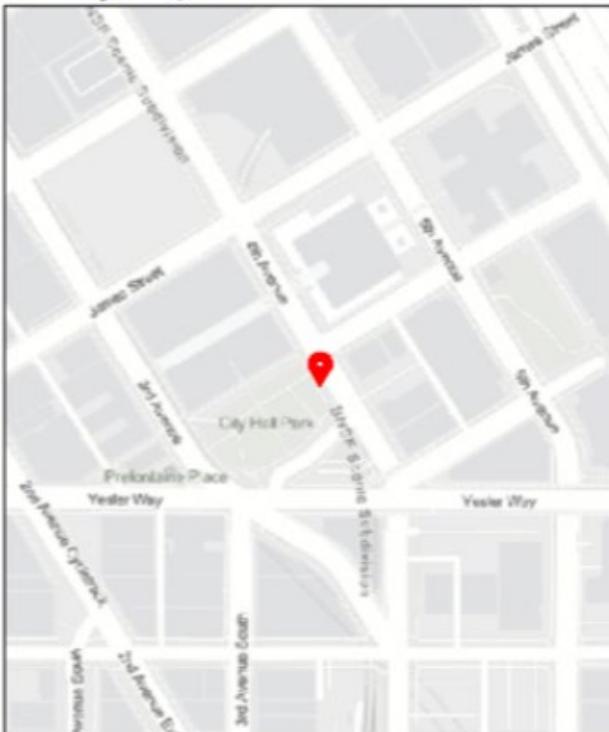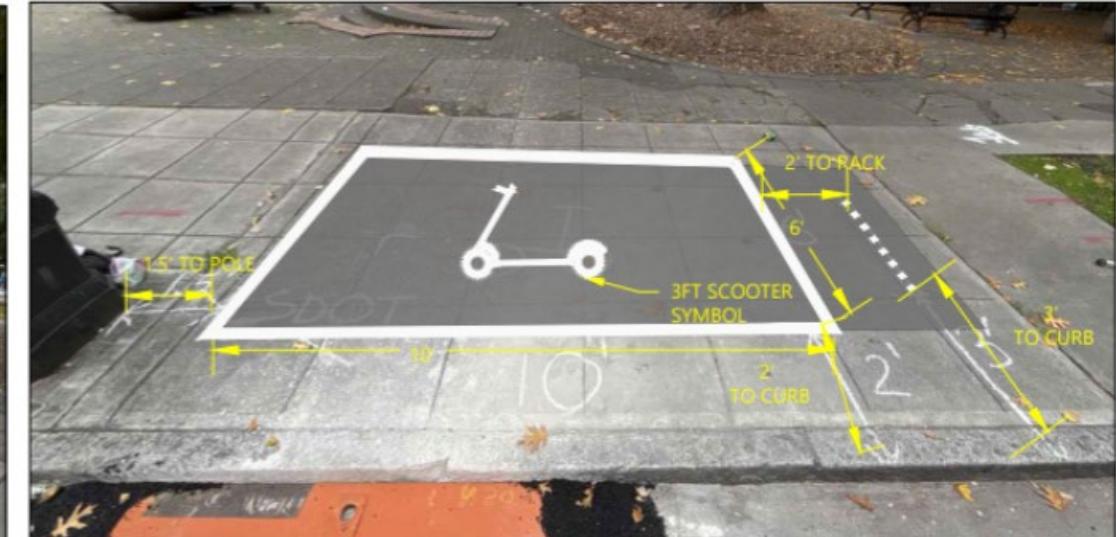
3rd Ave S / S Washington St

Vicinity Map
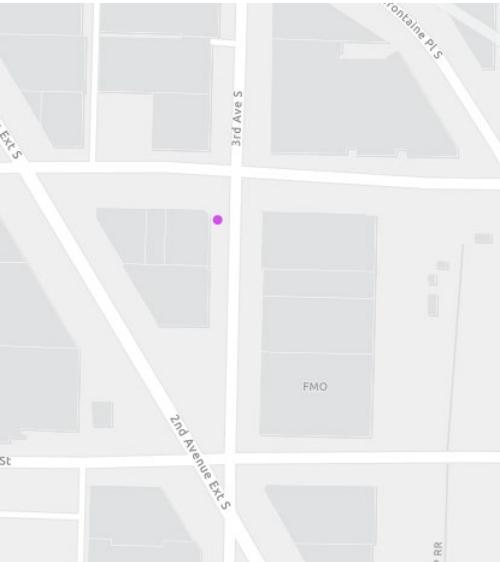
Area Reference

Proposed Layout

15' x 6' parking zone, 2' from curb

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S King St / King St Station

Vicinity Map: (click on map for Streetview)

Area Reference:

Proposed Layout:

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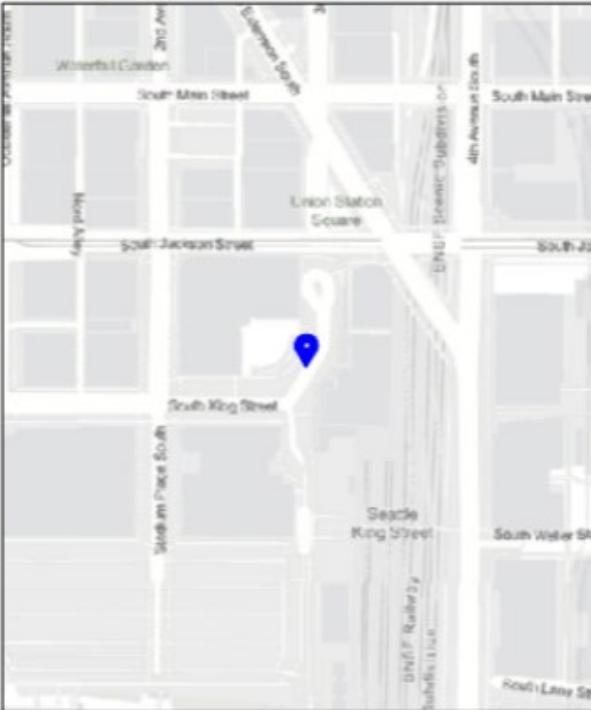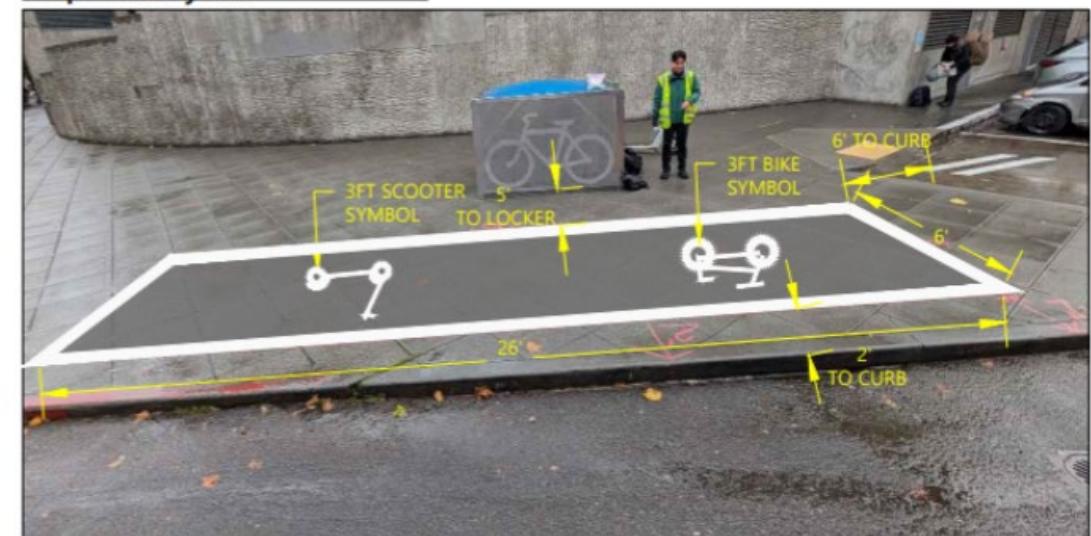
2nd Ave Ext S / S Jackson St

Vicinity Map: (click on map for Streetview)
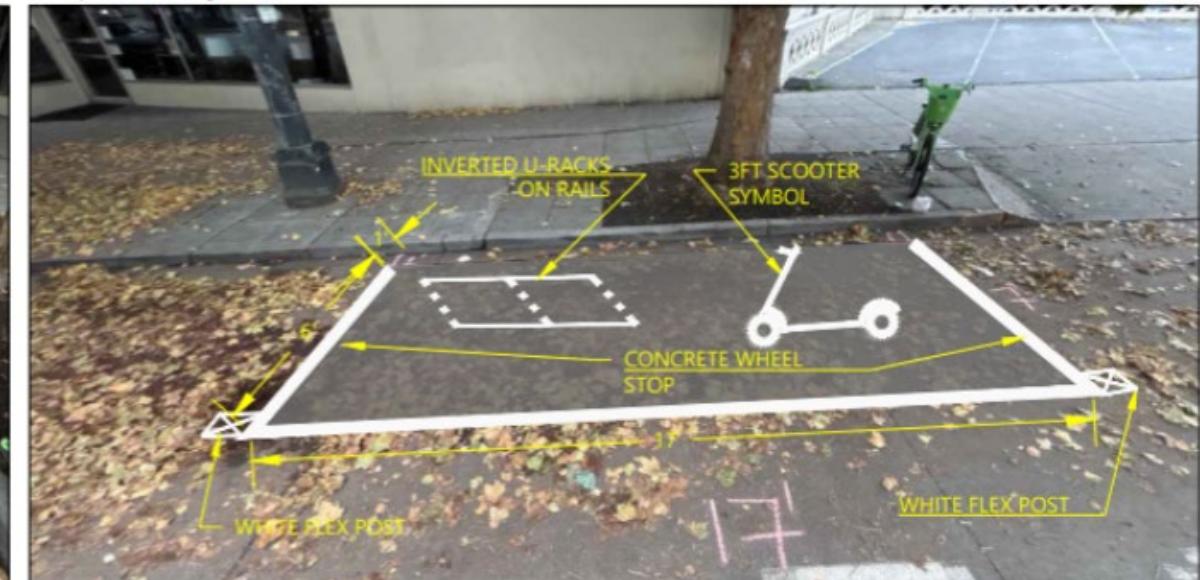
Area Reference:

Proposed Layout:

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4th Ave S / S Jackson St

Vicinity Map: (click on map for Streetview)
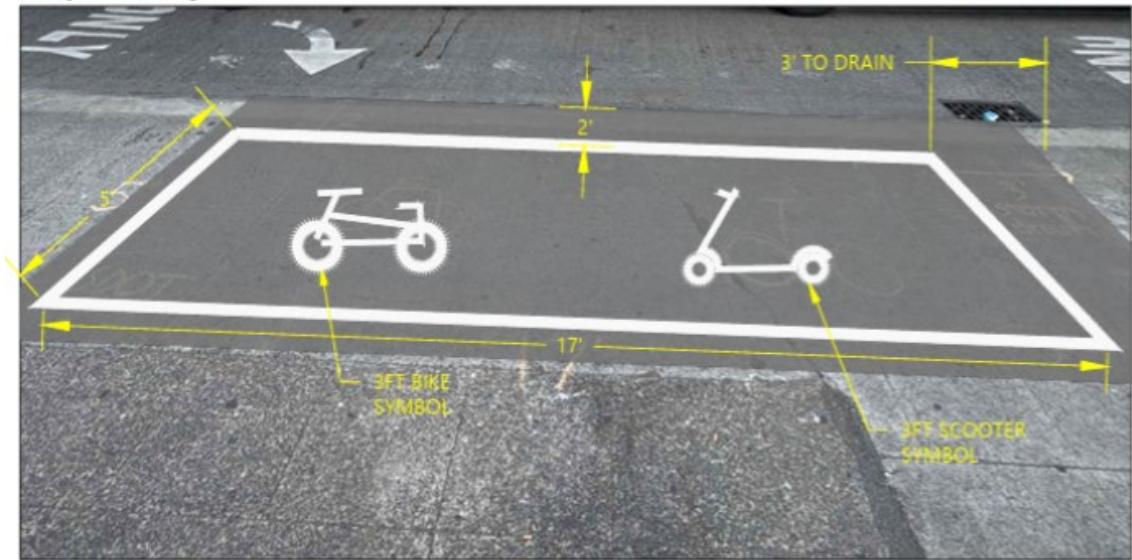
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Proposed Layout:

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5th Ave S / S King St
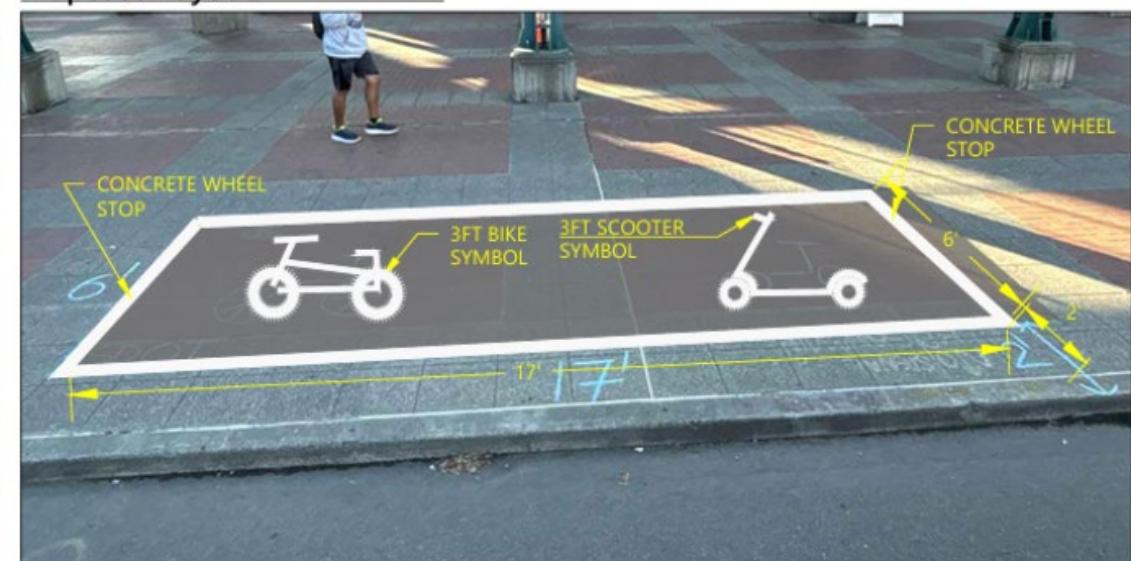
Stay in touch

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📞 206.375.2344

🌐 www.seattle.gov/scootershare

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