



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



Background

- **Bike Parking within Pioneer Square (PSQ):**

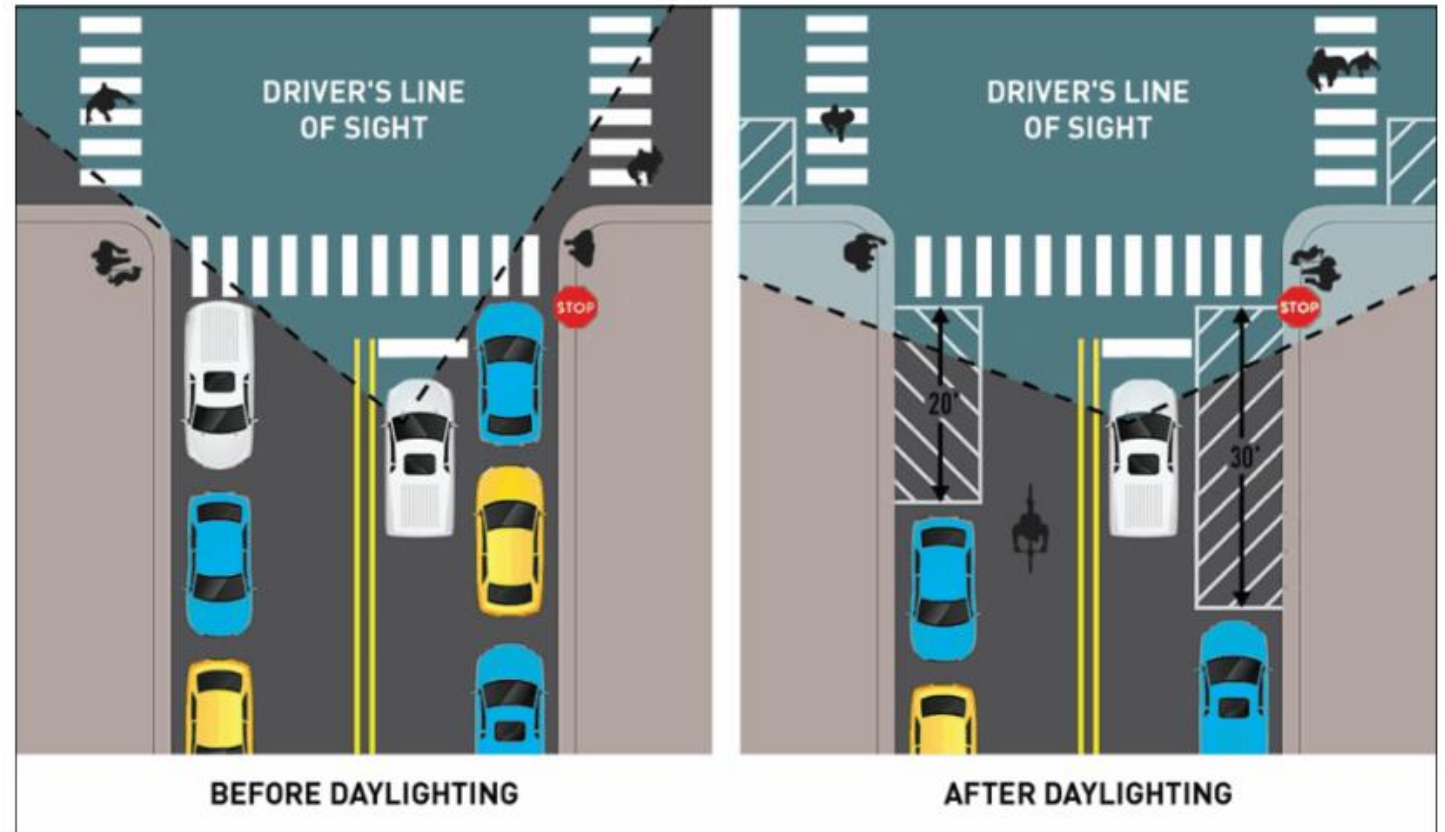
- SDOT and the Alliance worked together in 2016/2017 on a Pioneer Square Bike Parking Plan which replaced existing SDOT standard bike racks with custom Pioneer Square bike racks as well as installed more bike racks.
- 76% increase in bike and scooter ridership from 2017 to 2025
 - Based on counts from 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%.

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**.



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](#).

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.

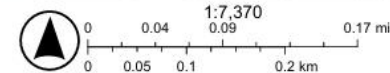
**These metrics were calculated for Pioneer Square north of King St.*



- Our teams have done field work and identified proposed locations (see map).
- On-street Corrals: 21
- On-sidewalk Zones: 7
- These parking areas will provide ~300 spaces for shared scooters and bikes
- Removes 1-2 legal vehicle parking spaces

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 SDE_HistoricalDistricts

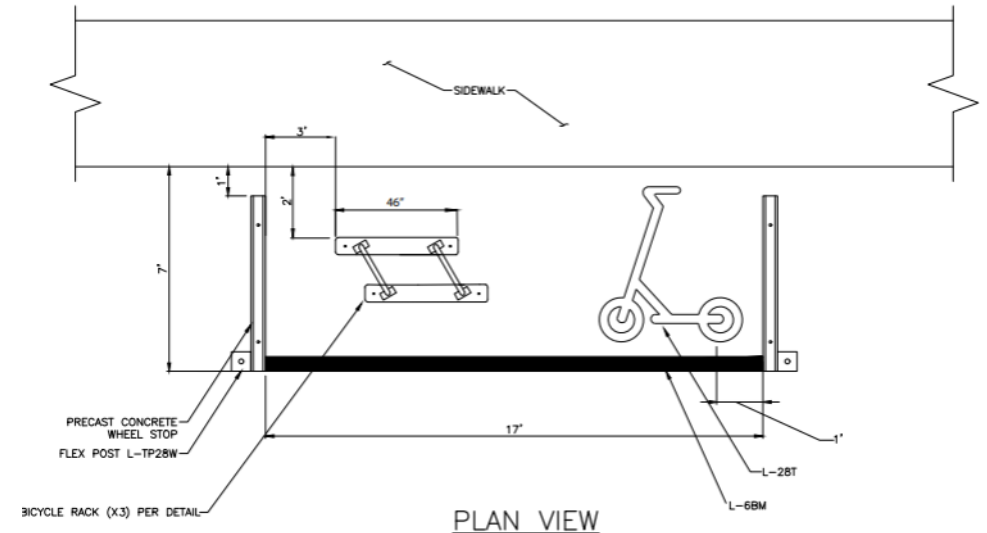
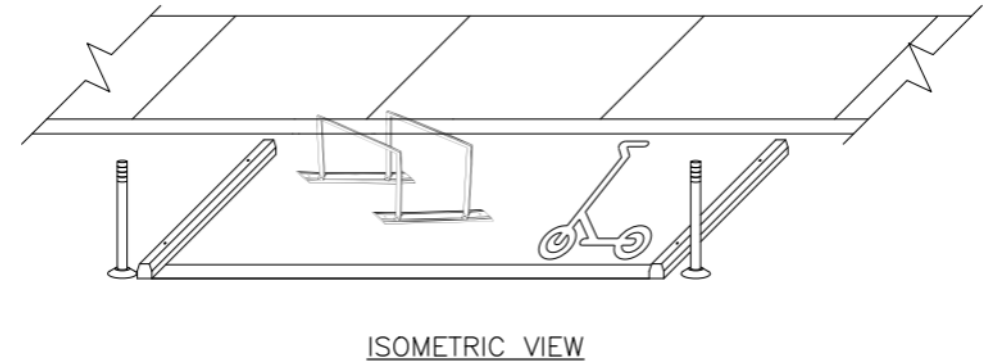


- Furniture Zone Corrals w/o Racks
- On-Street Corrals
- Furniture Zone Corrals with Racks
- Existing Furniture Zone Corral w/o Racks

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

On-Street Corral Design

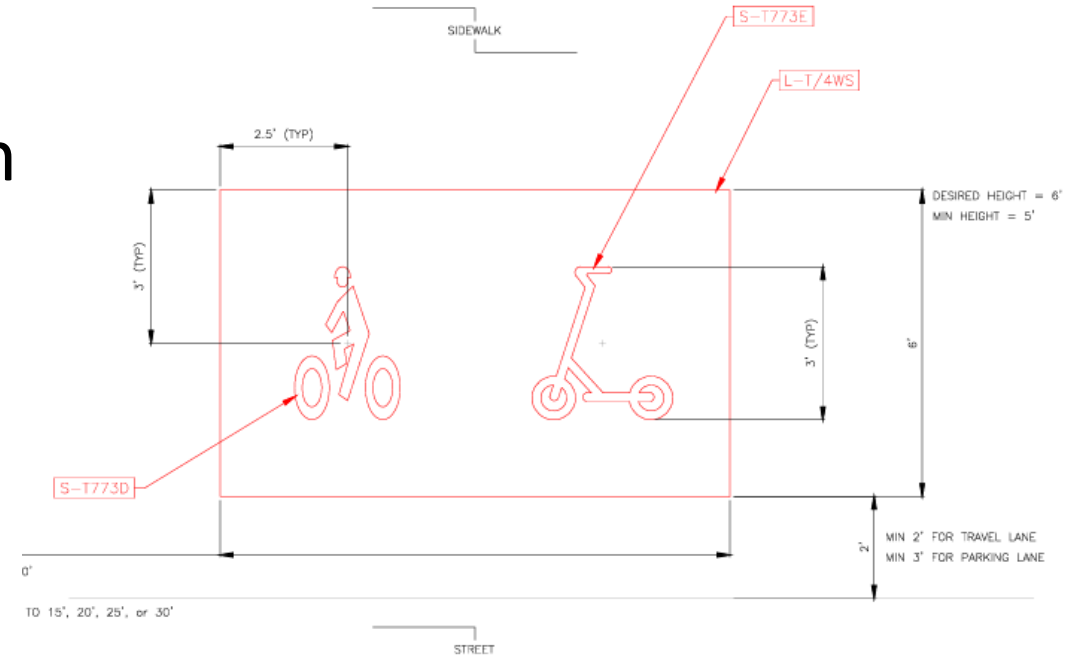
- Two custom Pioneer Square bike racks on custom rails from the same manufacturer, Urban Accessories
- One 6' scooter legend in the free-floating area
- Two concrete wheel stops at either end of the corral
- Two white omega posts



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



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



Ballard Ave Corral Examples



Furniture Zone Built Example



Renderings – Occidental Ave S and Yesler Way, NB



Renderings – Occidental Ave S and Yesler Way, NB



Renderings – Occidental Ave S and Yesler Way, NB



Renderings – Yesler Way and Occidental Ave, EB



Renderings – Yesler Way and Occidental Ave, EB

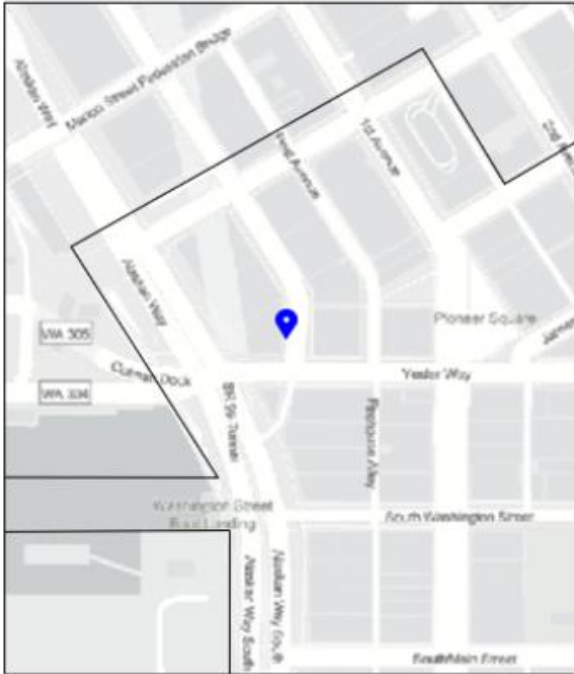


Renderings – Occidental Ave / S Jackson St, NB

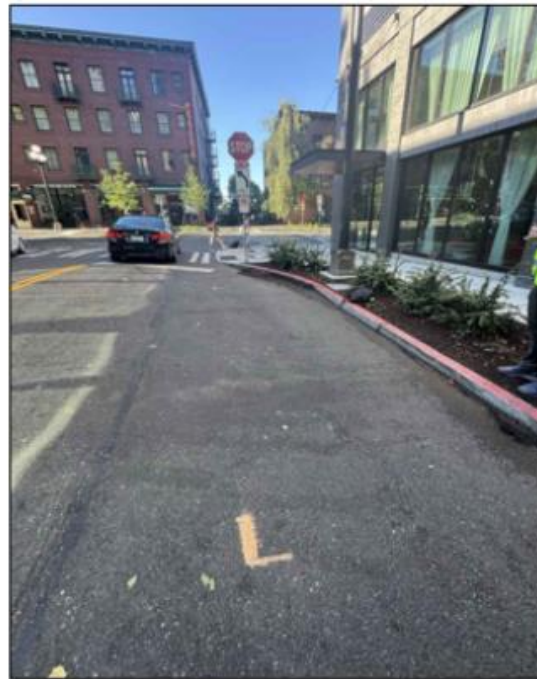


Western Ave / Yesler Way

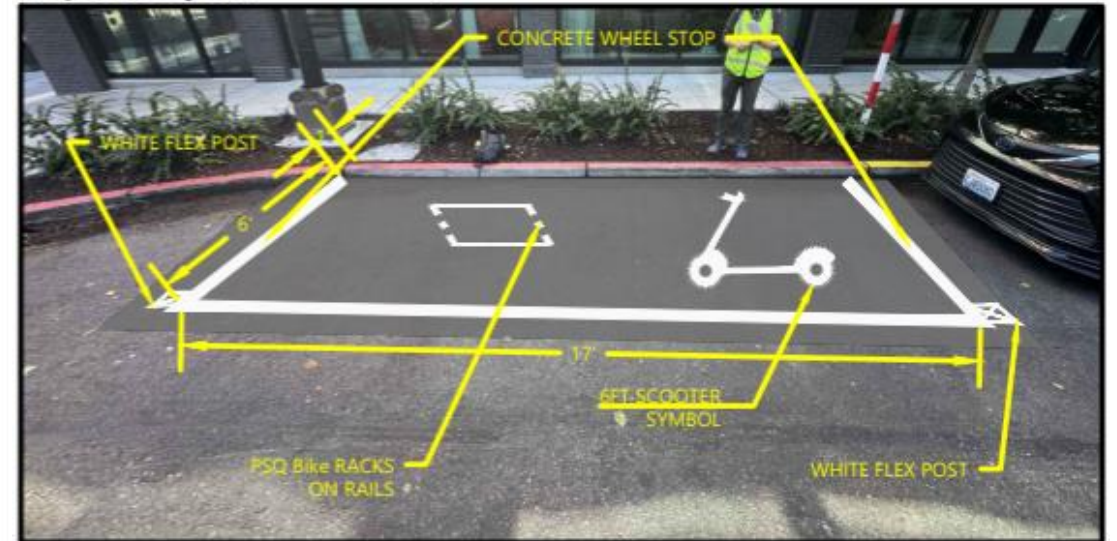
Vicinity Map: (click on map for Streetview)



Area Reference:

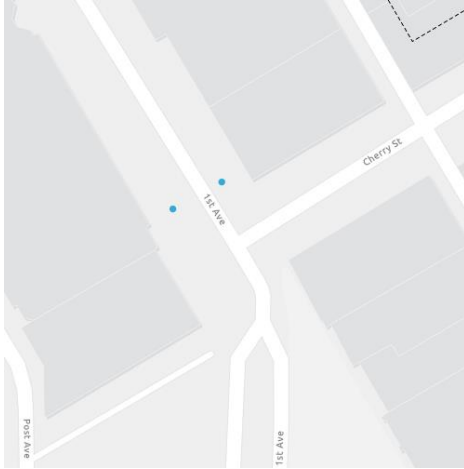


Proposed Layout:



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

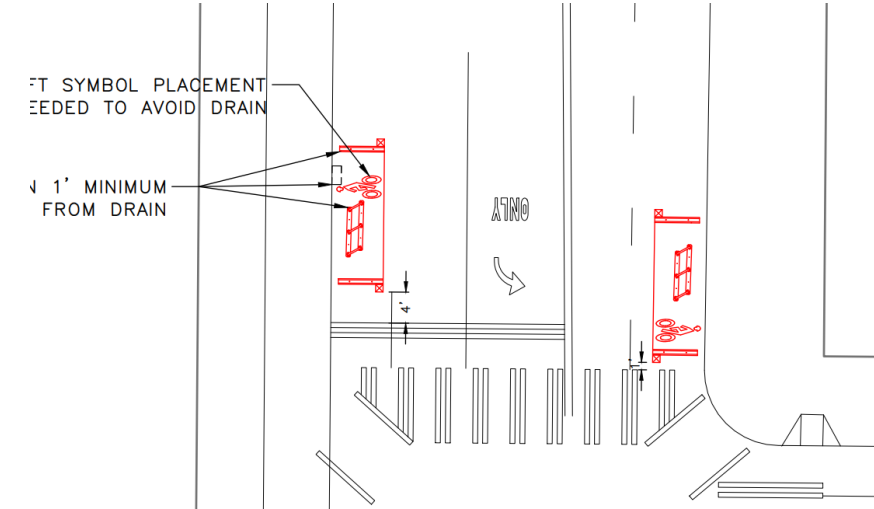
Vicinity Map



Area Reference

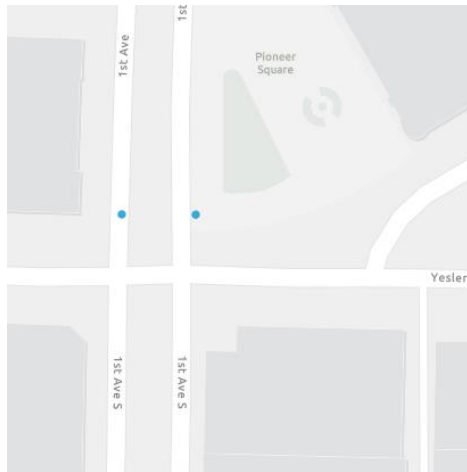


Proposed Layout



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

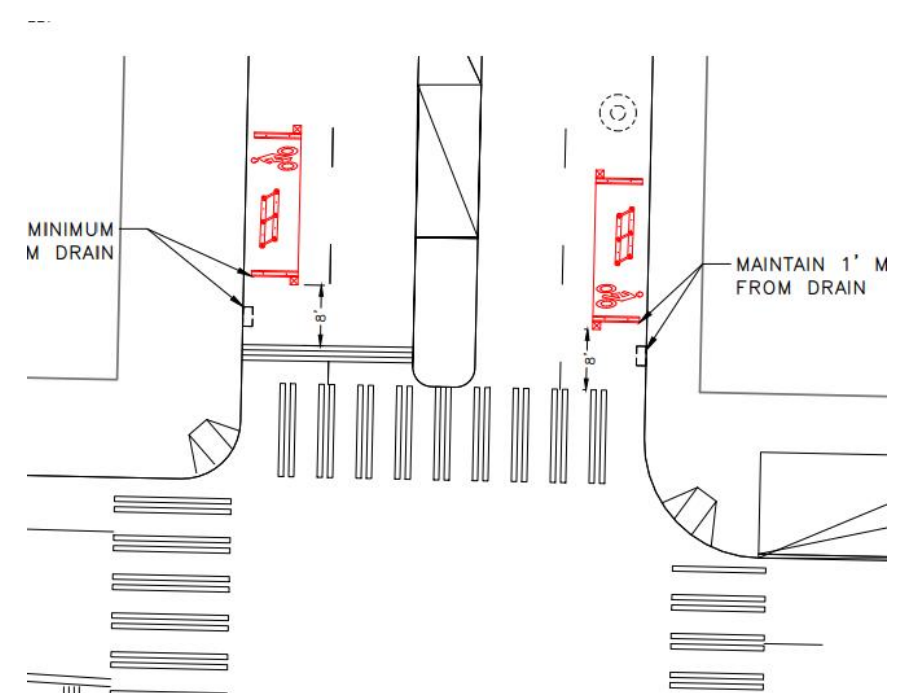
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Area Reference

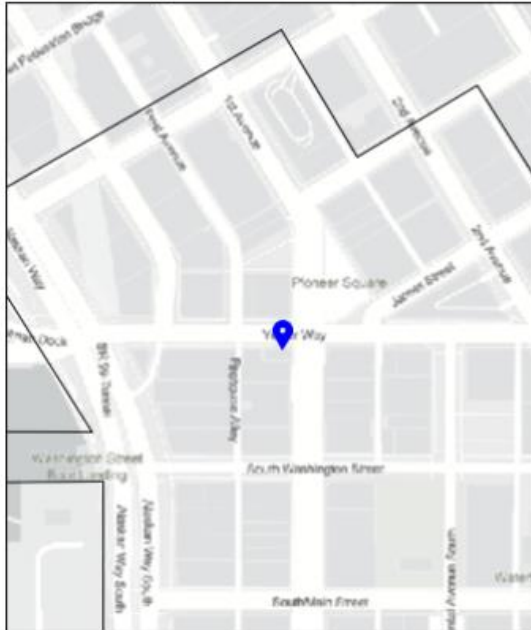


Proposed Layout



Yesler Way / 1st Ave S, EB approach

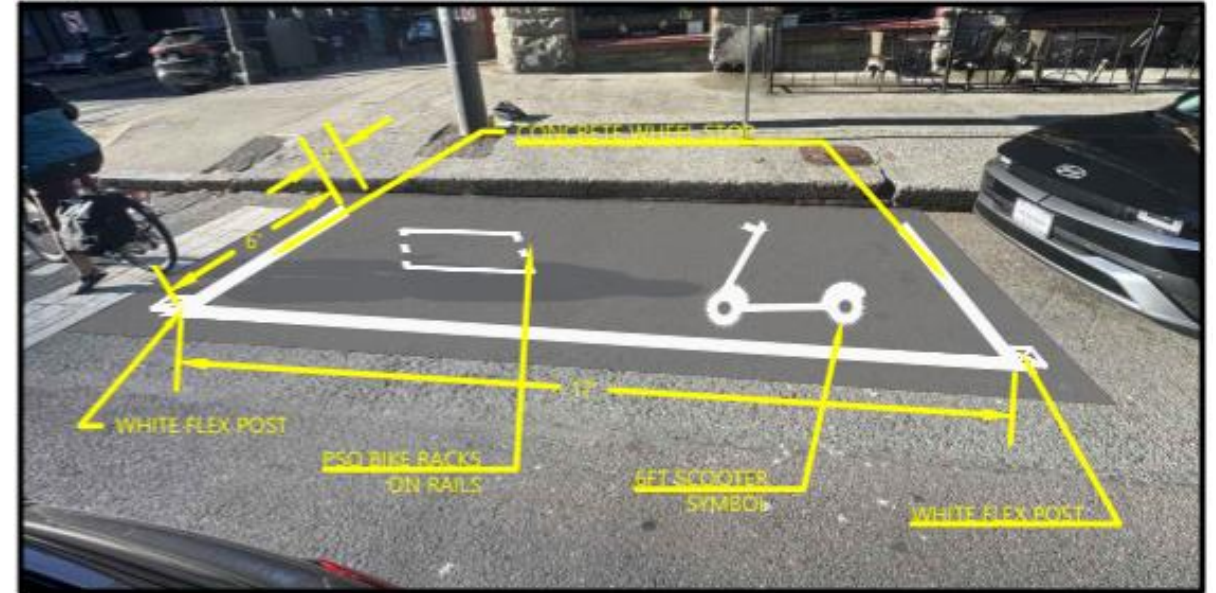
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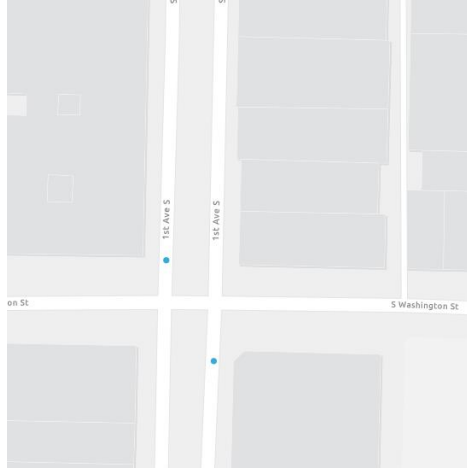


Proposed Layout:



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

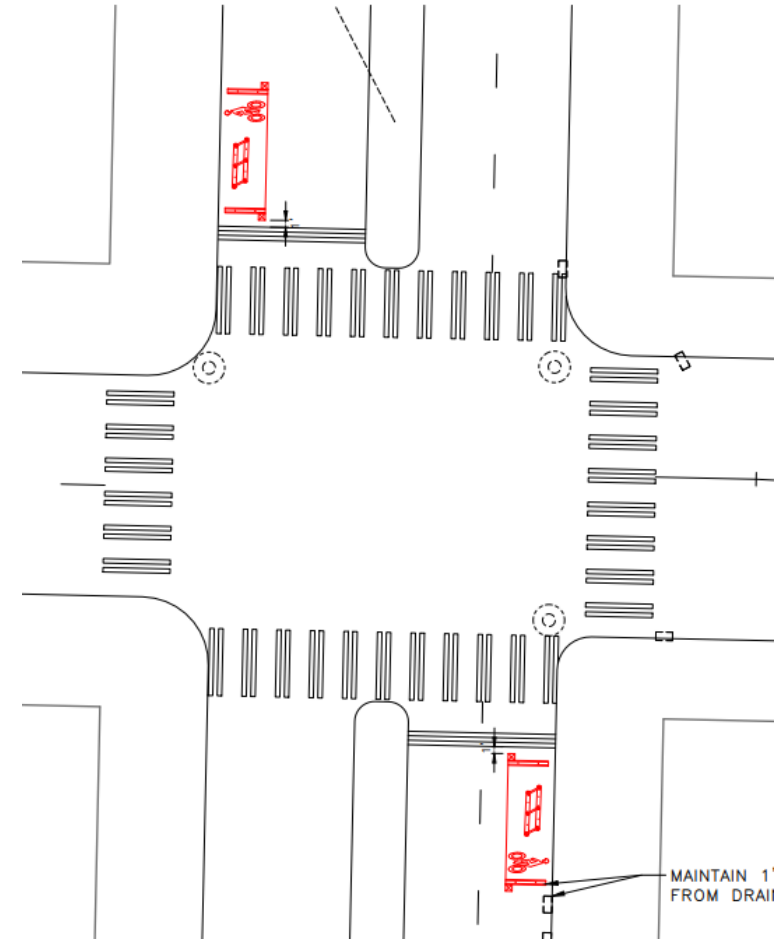
Vicinity Map



Area Reference

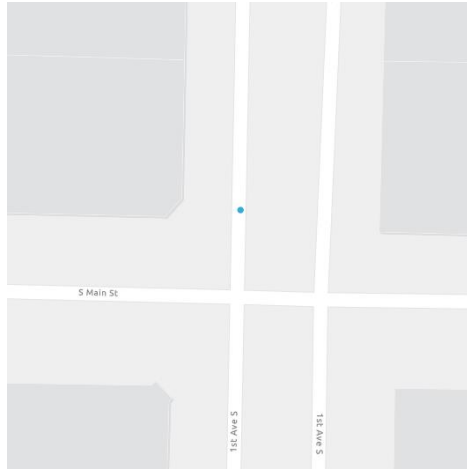


Proposed Layout



1st Ave S / S Main St, SB approach

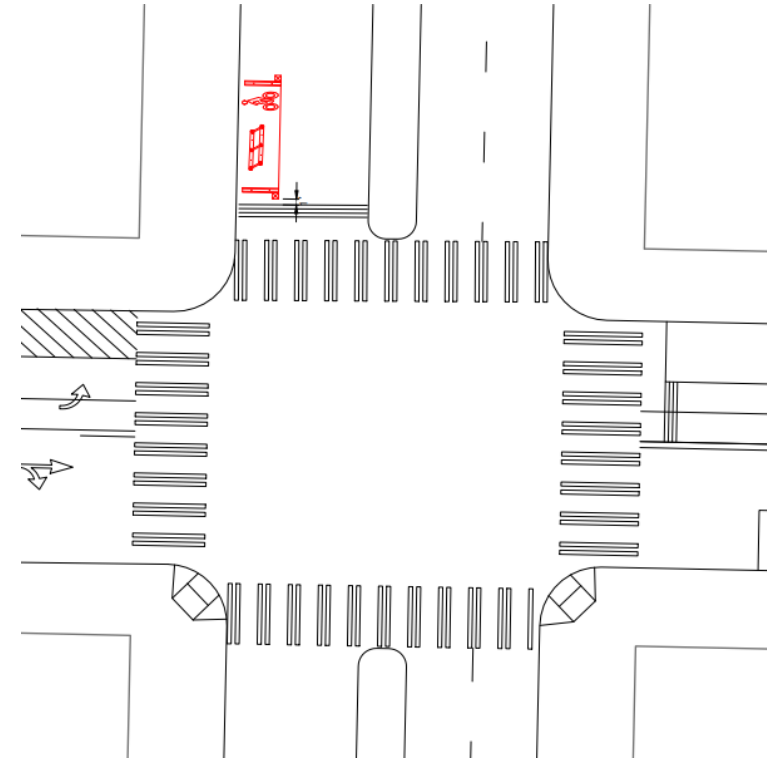
Vicinity Map



Area Reference



Proposed Layout



S Jackson St / 1st Ave S, EB approach

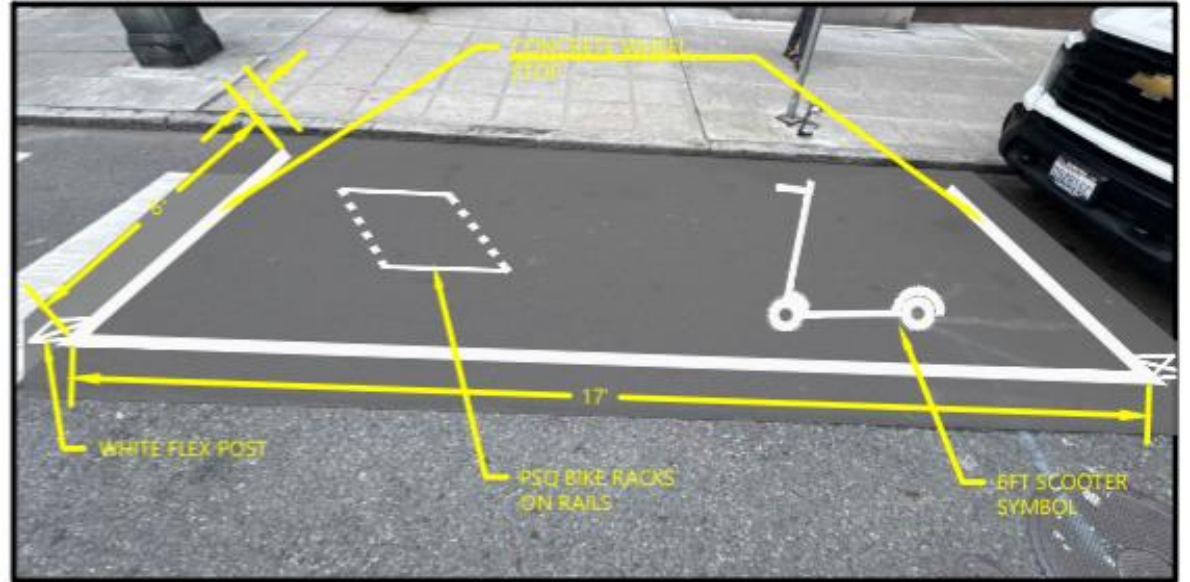
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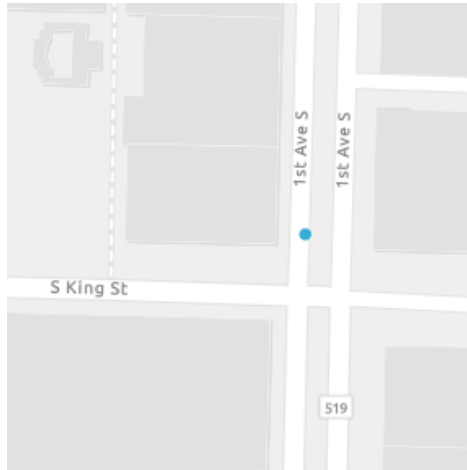


Proposed Layout:



1st Ave S / S King St, SB approach

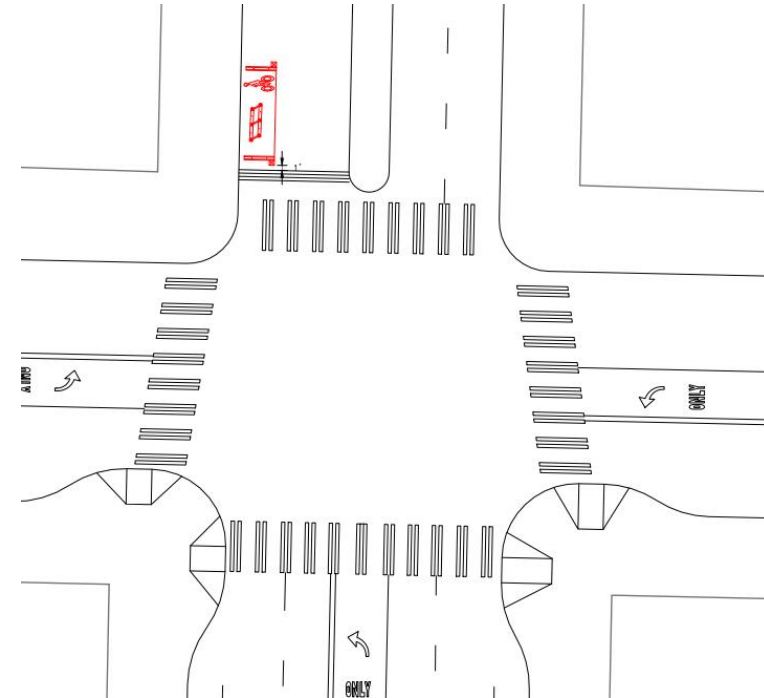
Vicinity Map



Area Reference

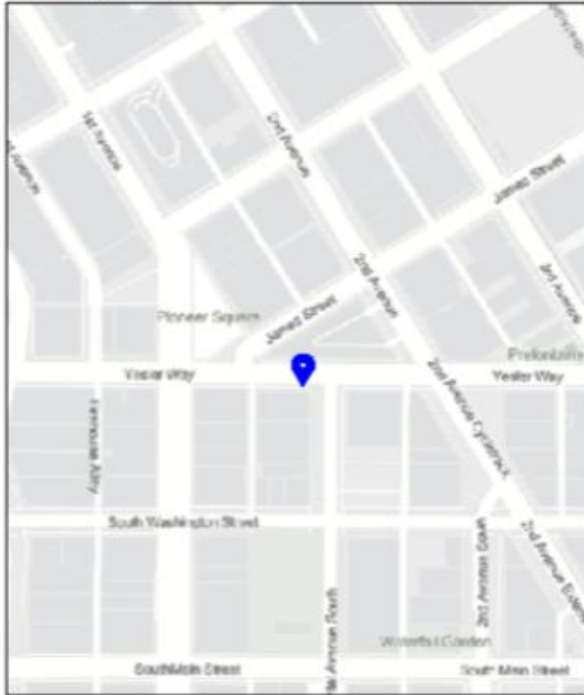


Proposed Layout



Yesler Way / Occidental Ave S

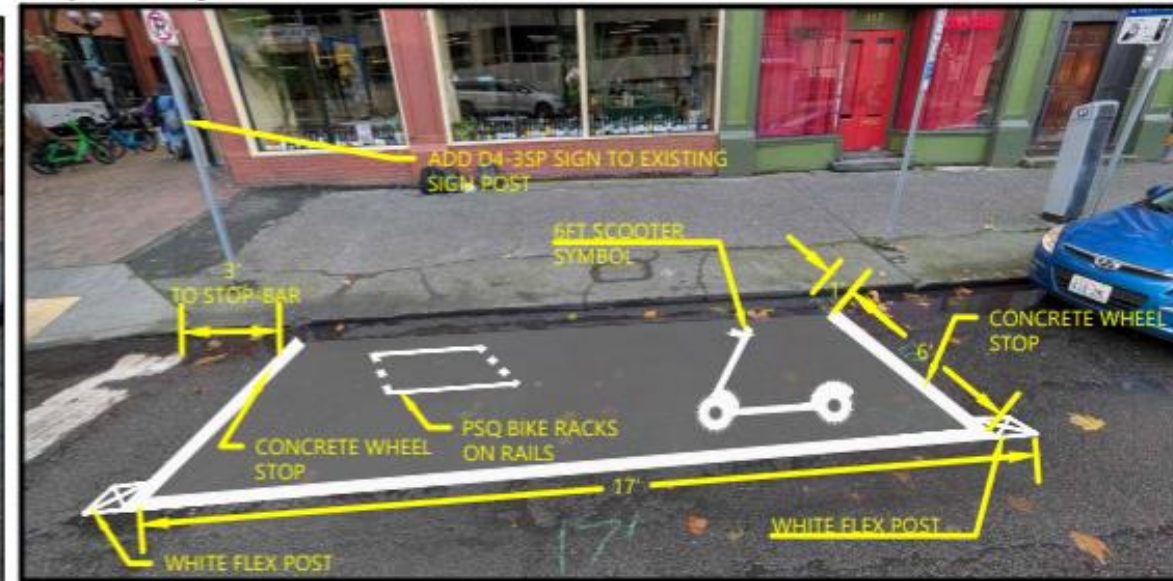
Vicinity Map: (click on map for Streetview)



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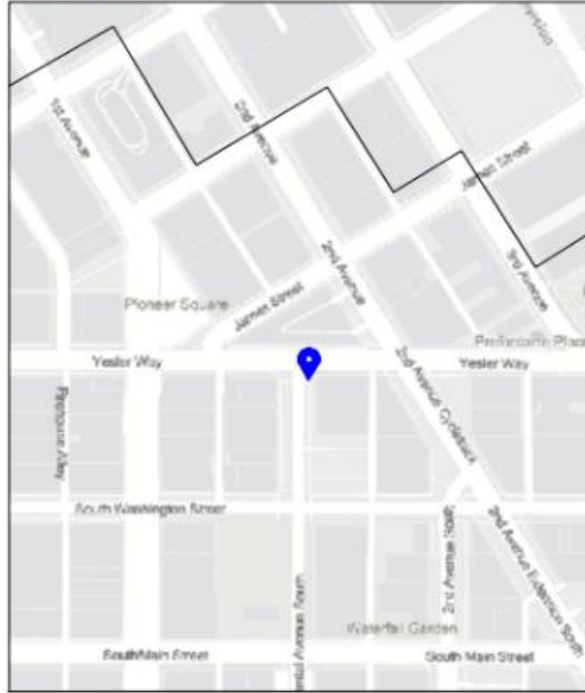


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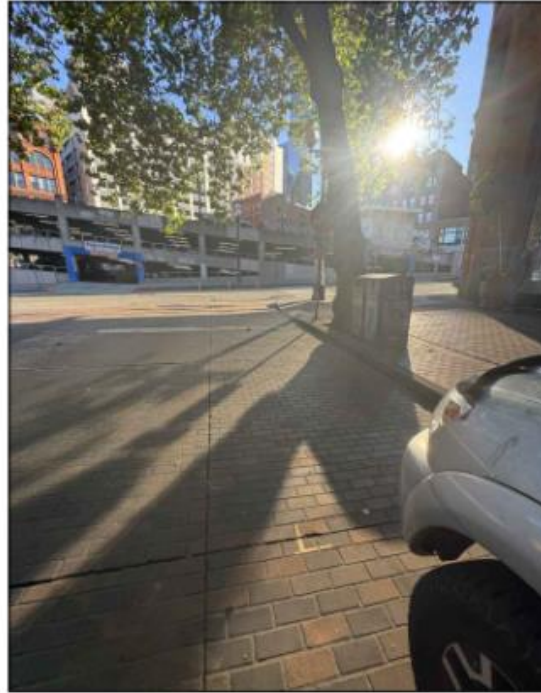


Occidental Ave S / Yesler Way, NB approach

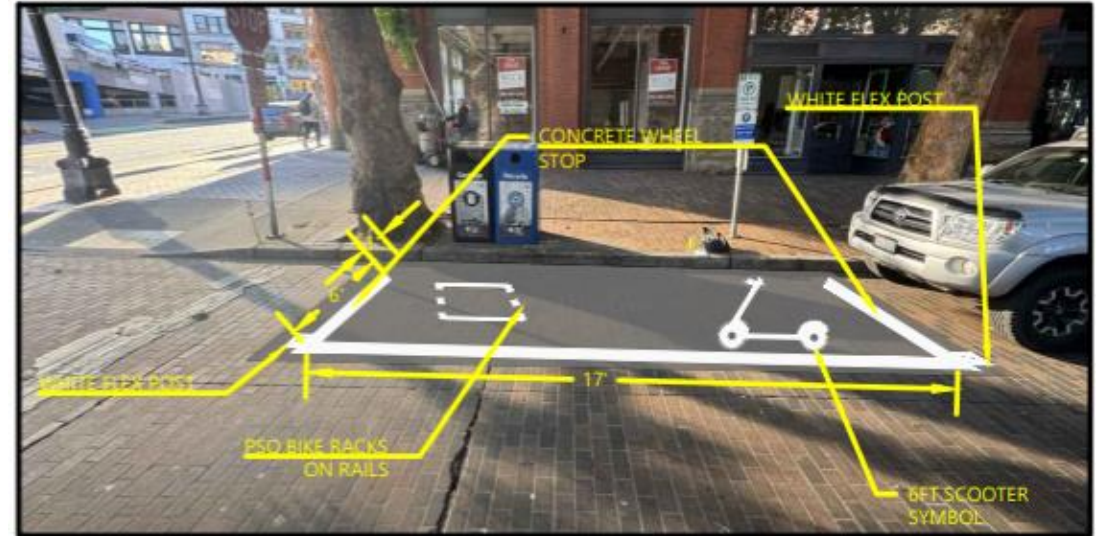
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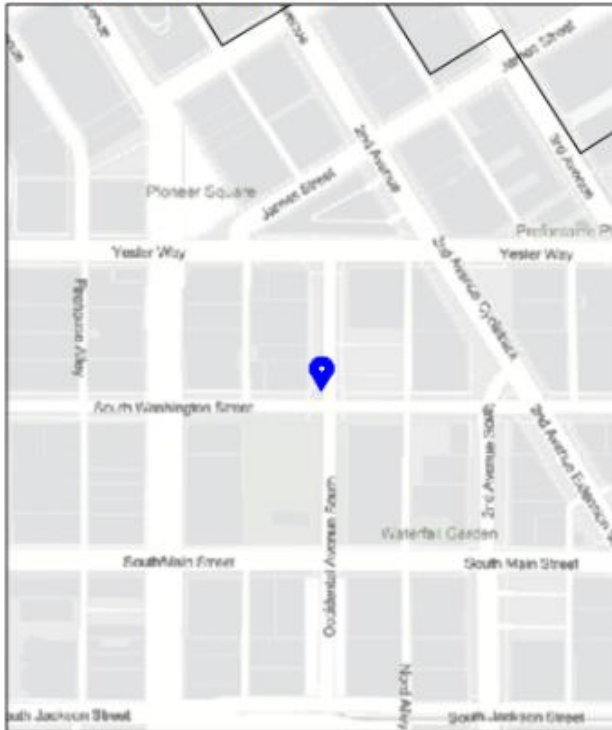


Proposed Layout:

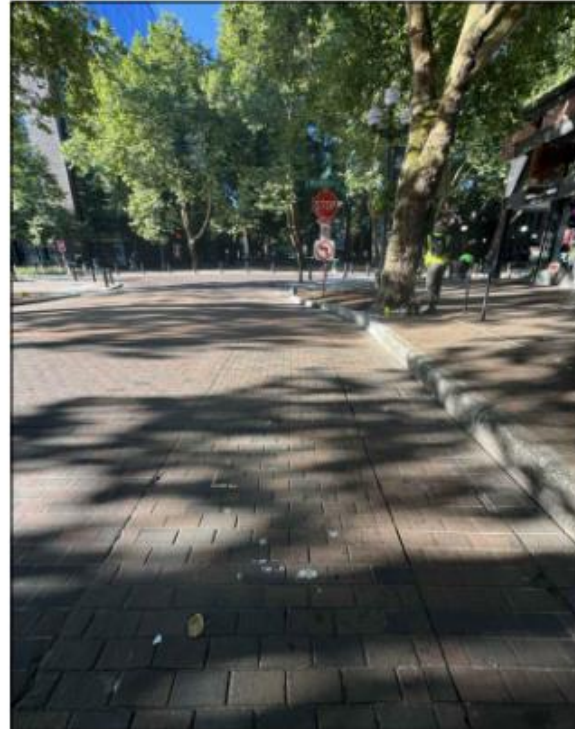


Occidental Ave S / S Washington St, SB approach

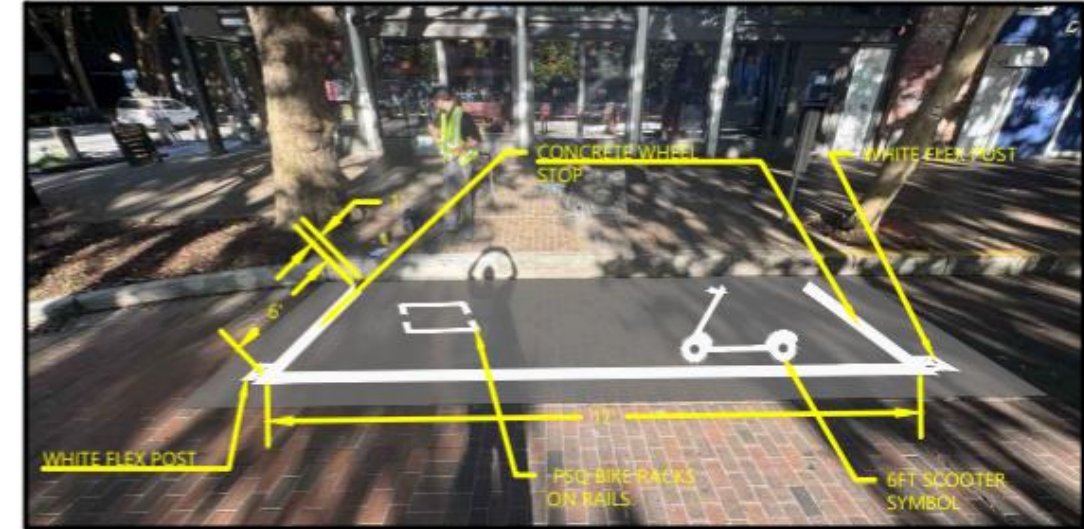
Vicinity Map: (click on map for Streetview)



Area Reference:



Proposed Layout:



Occidental Ave S / S Main St, EB approach

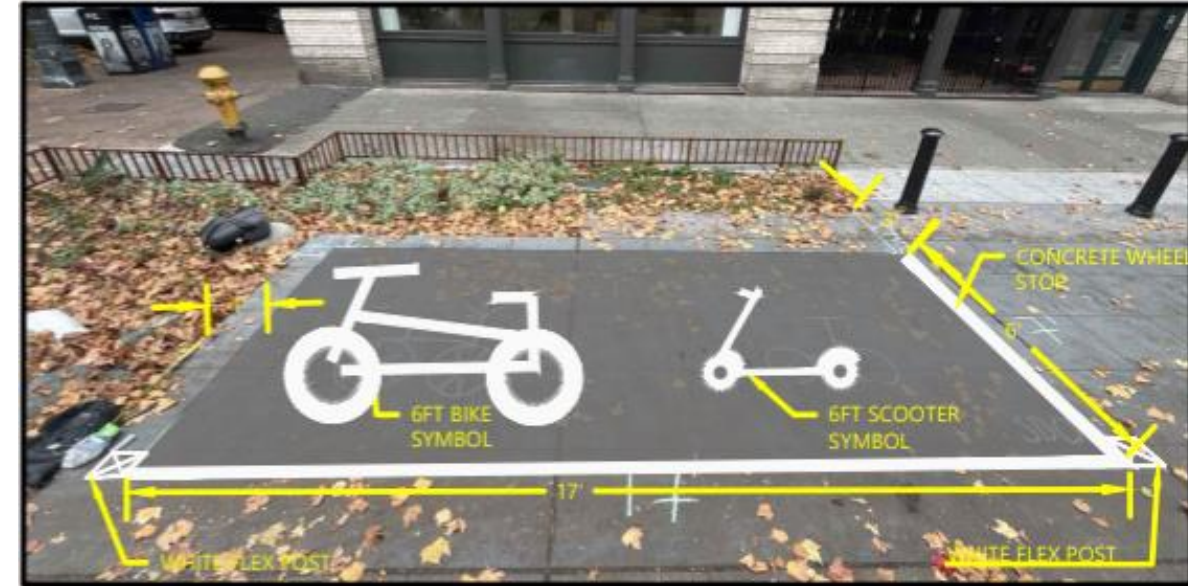
Vicinity Map: (click on map for Streetview)



Area Reference:



Proposed Layout:

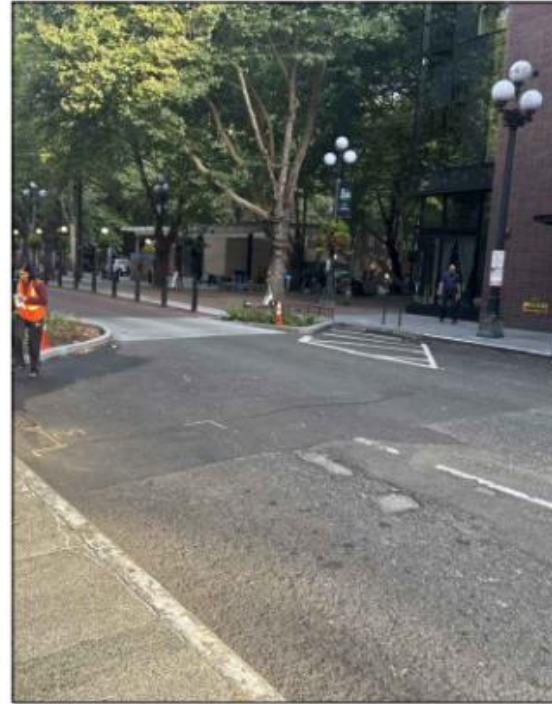


S Main St / Occidental Ave S, EB departure

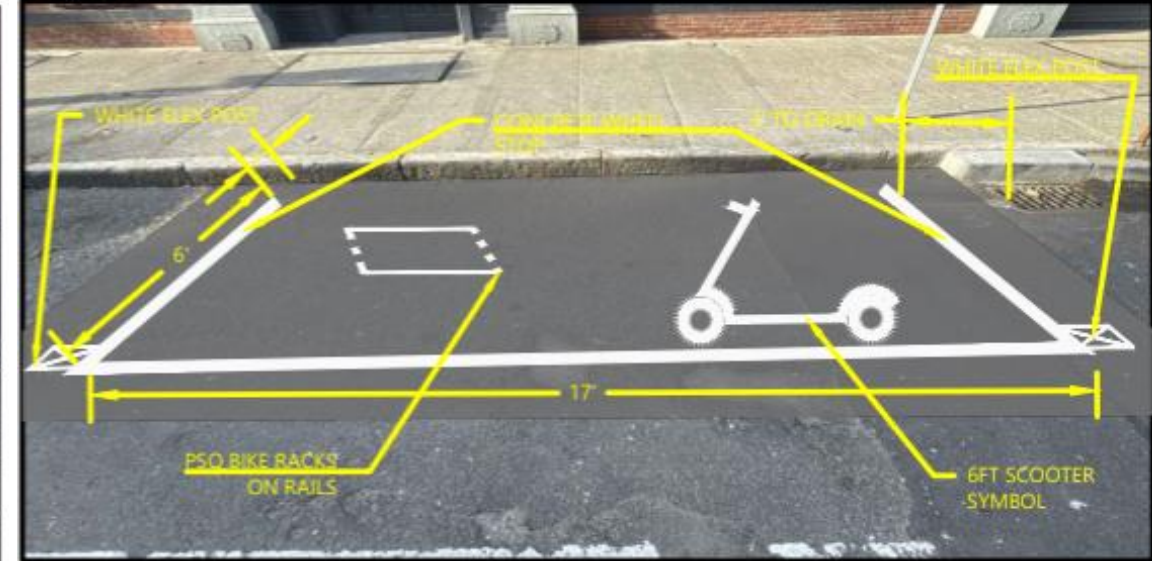
Vicinity Map: (click on map for Streetview)



Area Reference:



Proposed Layout:

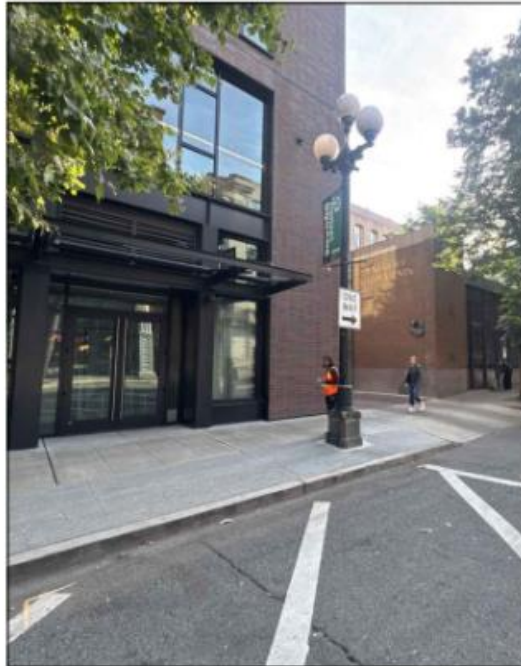


S Main St / “Alley”, EB departure

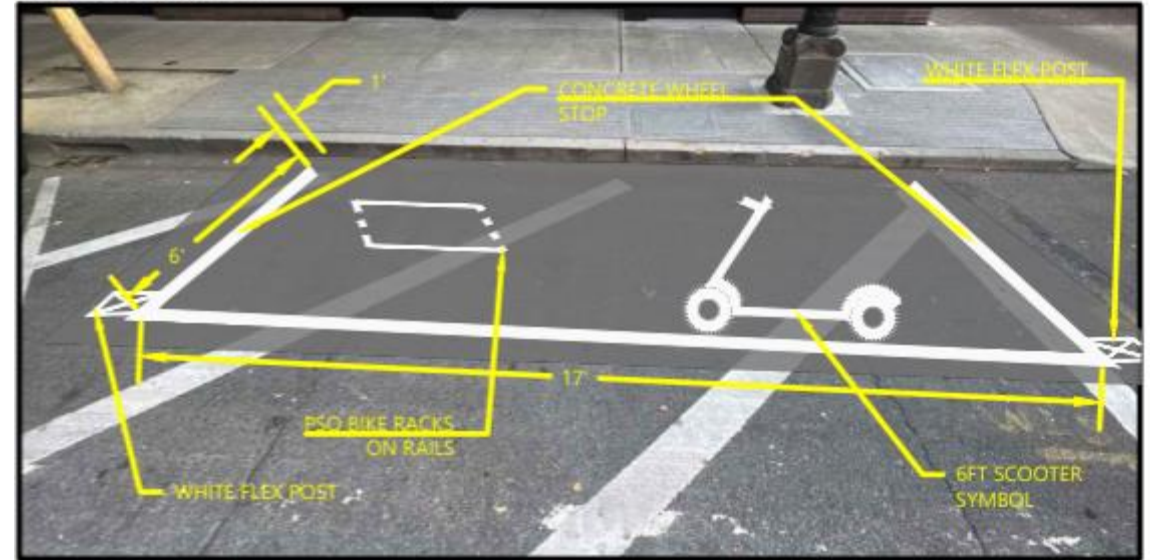
Vicinity Map: (click on map for Streetview)



Area Reference:



Proposed Layout:

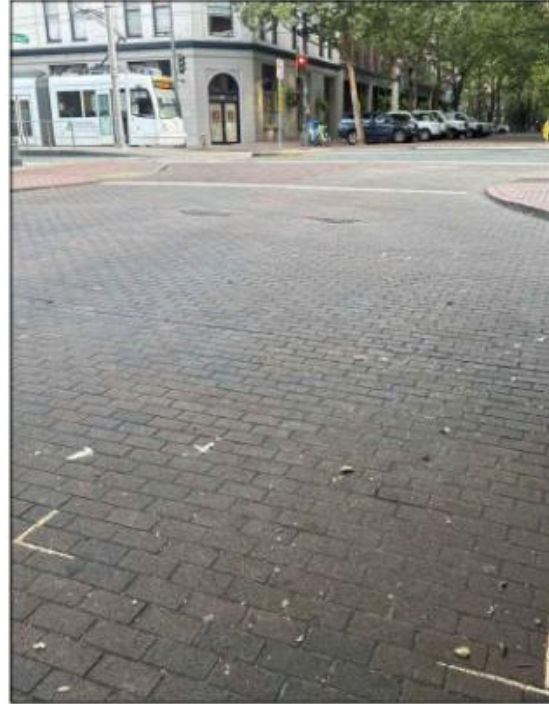


Occidental Ave S / S Jackson St, NB

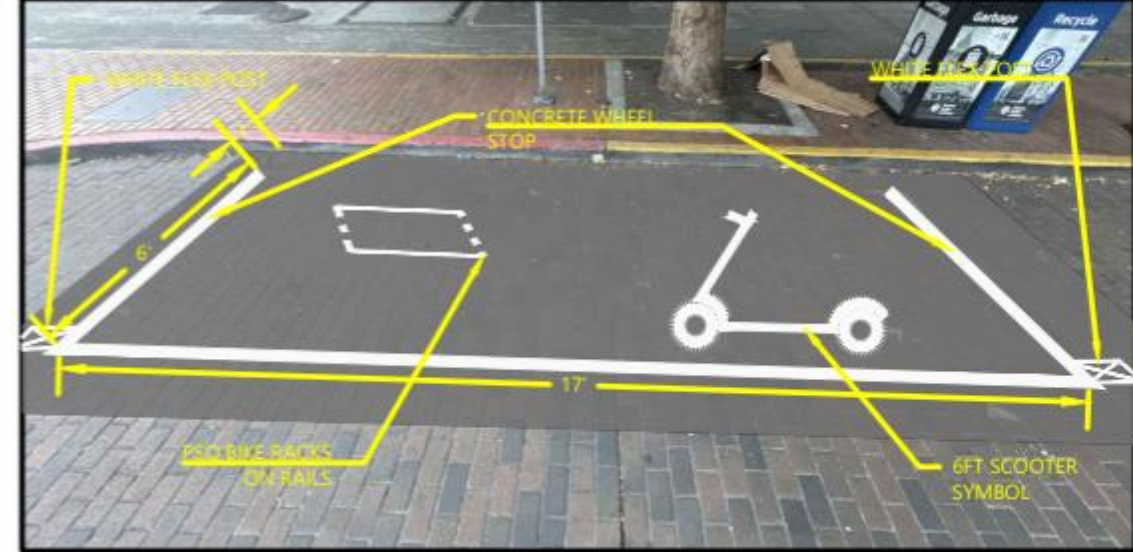
Vicinity Map: (click on map for Streetview)



Area Reference:



Proposed Layout:



Vicinity Map: [\(click on map for Streetview\)](#)



2nd Ave S / S Jackson St

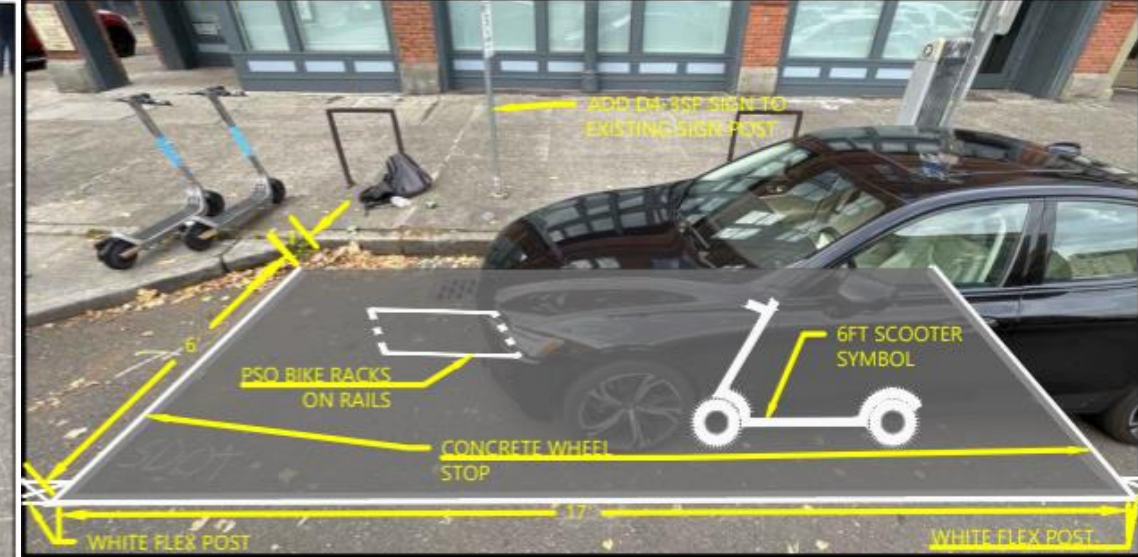
Vicinity Map: (click on map for Streetview)



Area Reference:

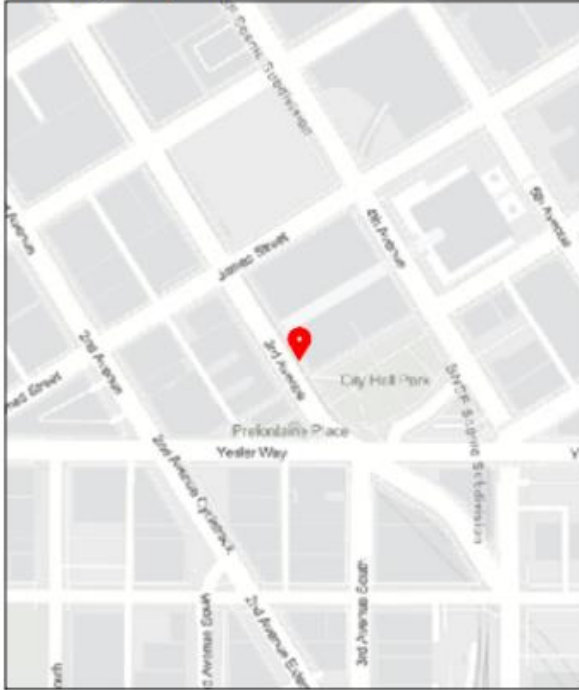


Proposed Layout:

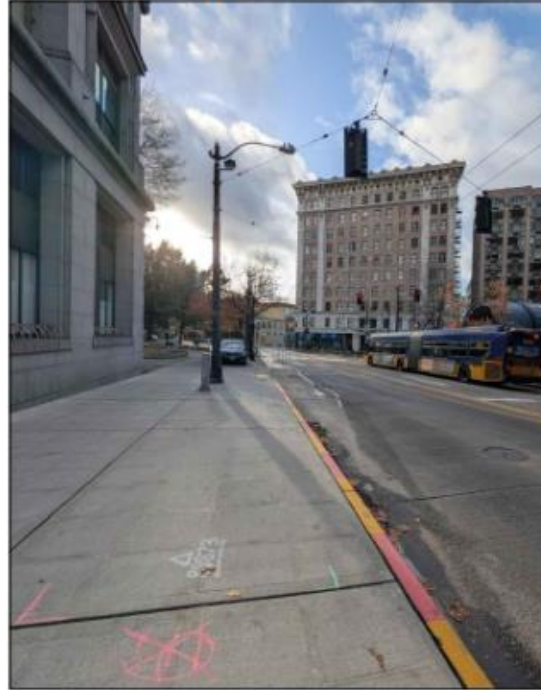


3rd Ave / Jefferson St

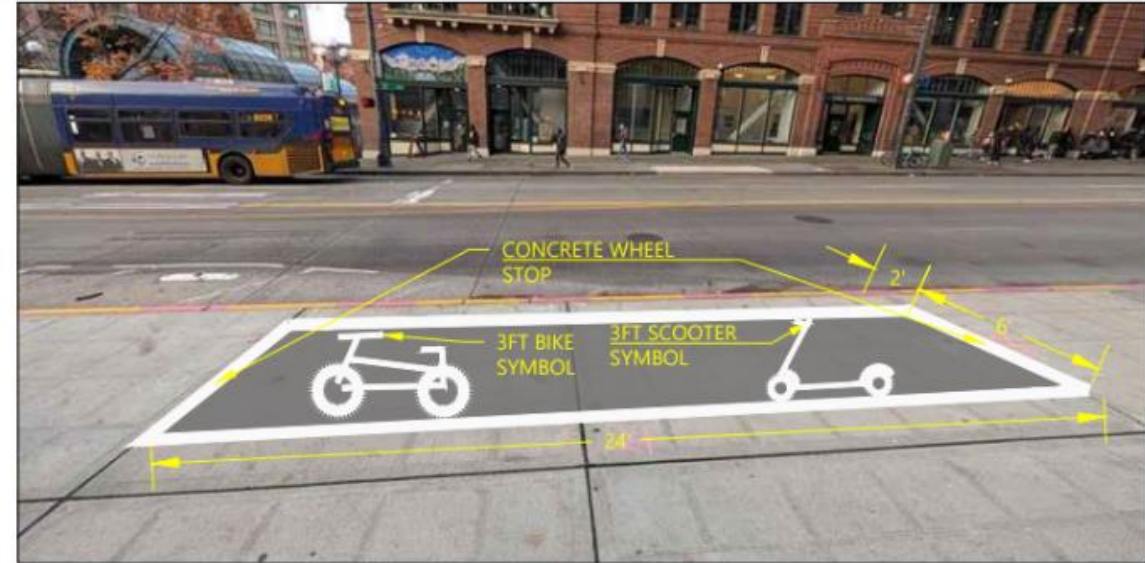
Vicinity Map: (click on map for Streetview)



Area Reference:

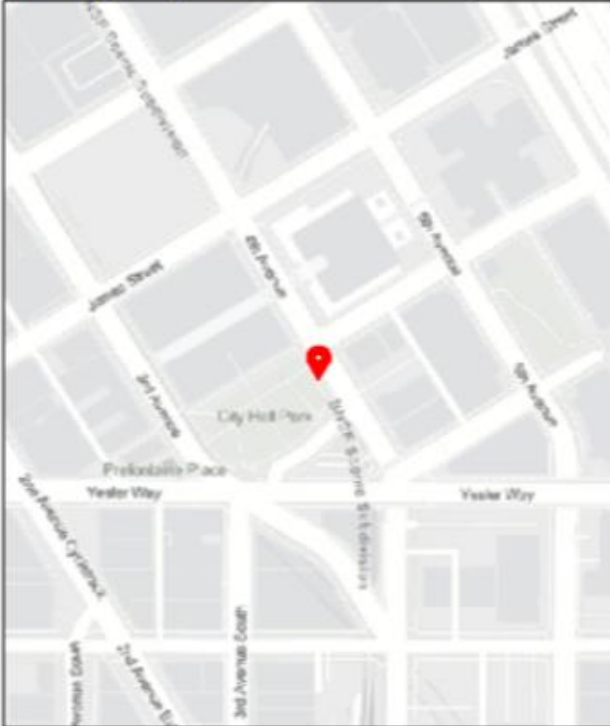


Proposed Layout:



4th Ave / Dilling Way

Vicinity Map: (click on map for Streetview)



Area Reference:

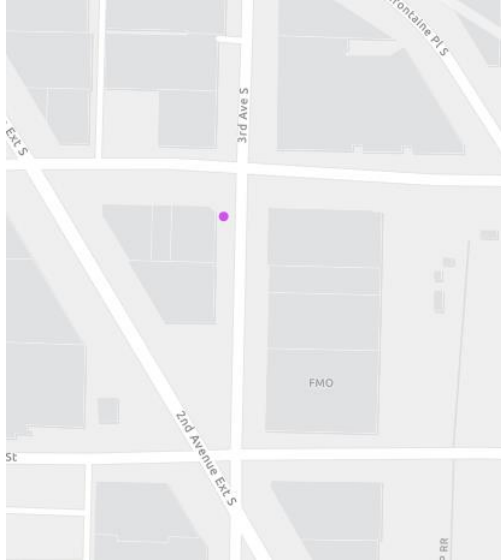


Proposed Layout:



3rd Ave S / S Washington St

Vicinity Map



Area Reference



Proposed Layout



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

S King St / King St Station, northwest corner

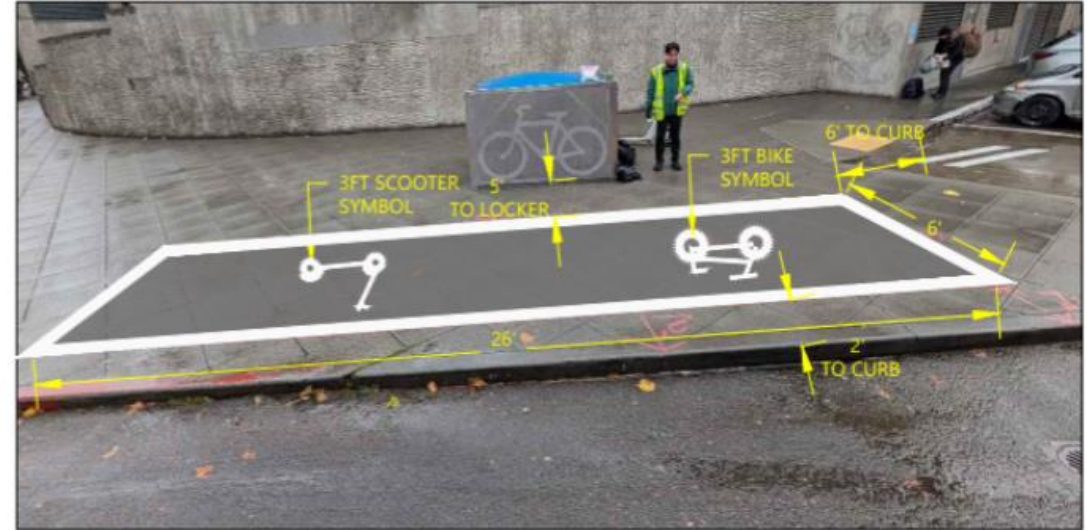
Vicinity Map: (click on map for Streetview)



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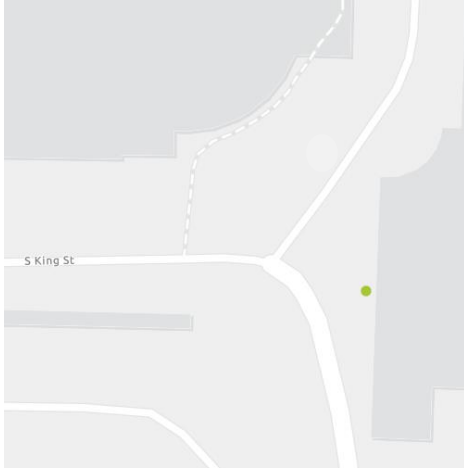


Proposed Layout:



S King St / King St Station, southeast corner

Vicinity Map



Area Reference



Proposed Layout



6' x 20' box
2 bike racks, 3' and 5' from the box
1 3' bike person symbol, 1 3' scooter symbol

2nd Ave Ext S / S Jackson St

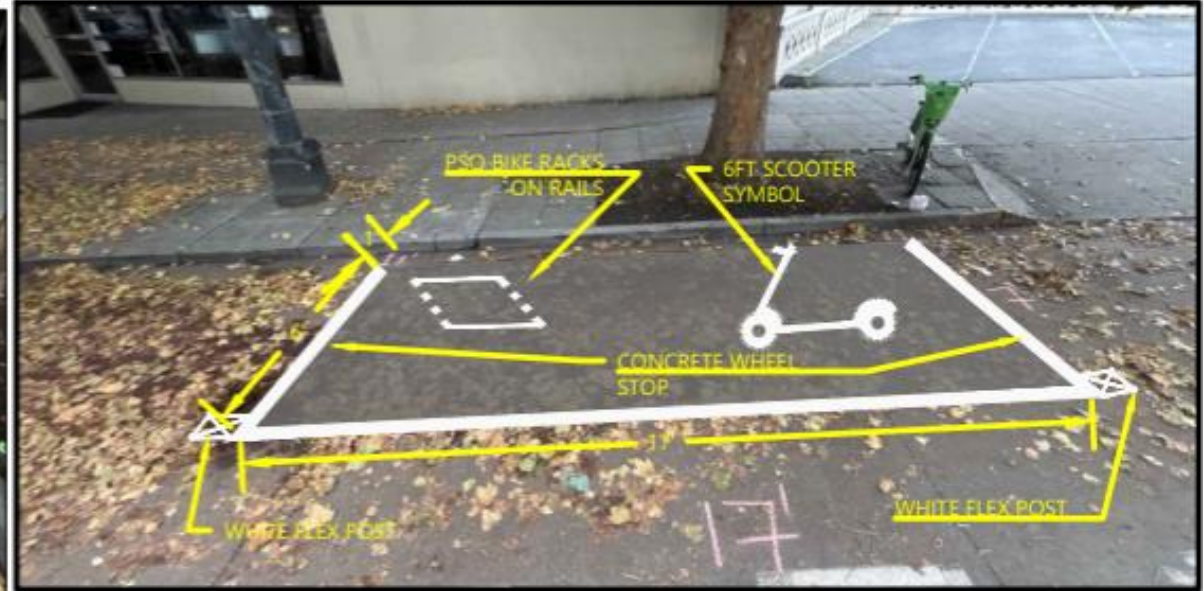
Vicinity Map: (click on map for Streetview)



Area Reference:



Proposed Layout:



4th Ave S / S Jackson St

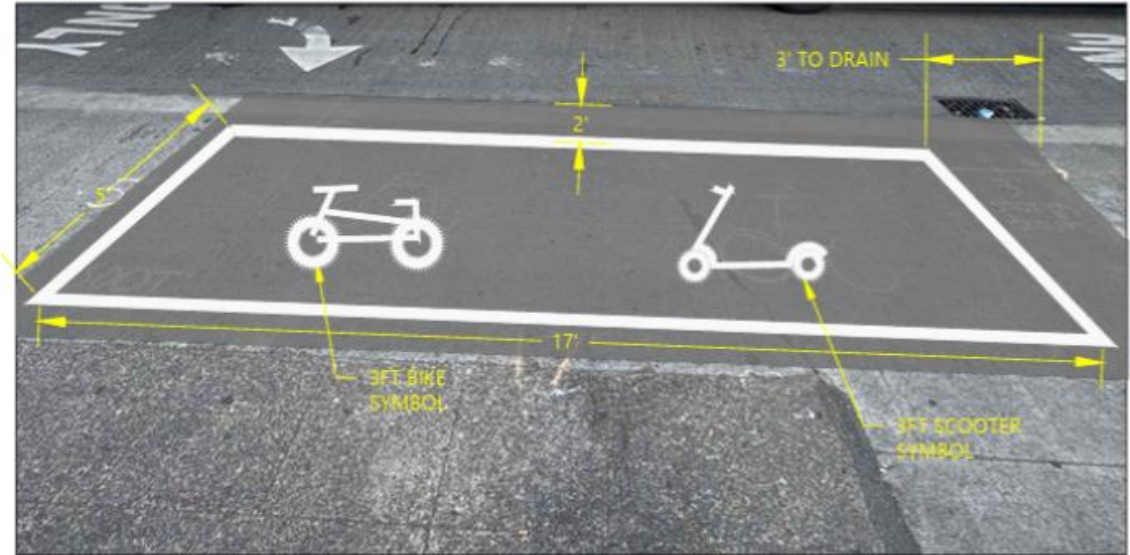
Vicinity Map: (click on map for Streetview)



Area Reference:



Proposed Layout:



5th Ave S / S King St

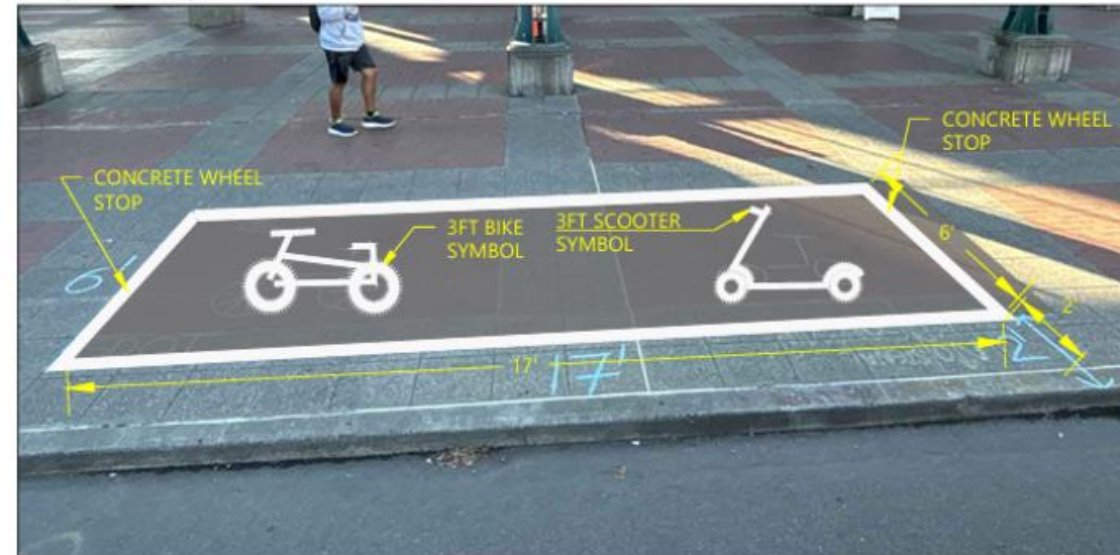
Vicinity Map: (click on map for Streetview)



Area Reference:



Proposed Layout:



Stay in touch



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