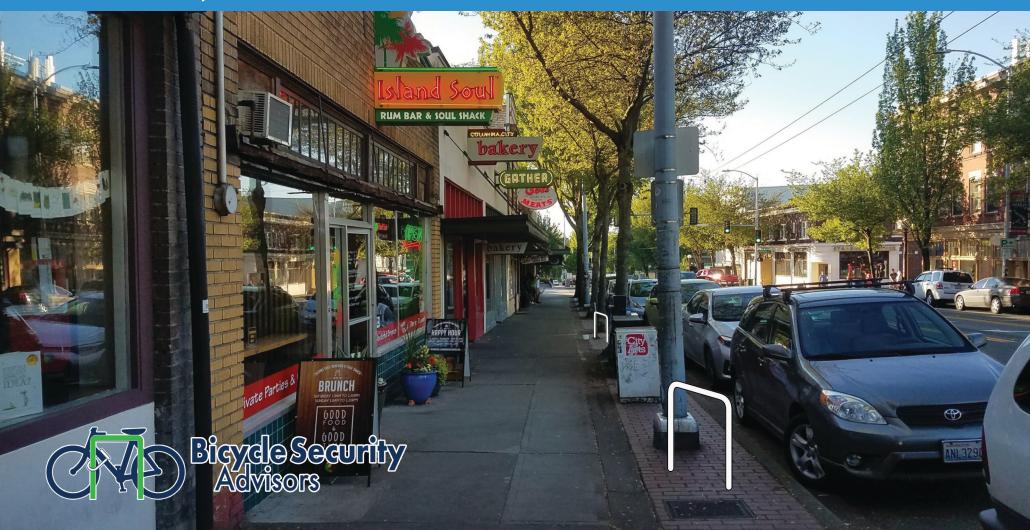
COLUMBIA CITY BICYCLE PARKING PLAN

Draft for Consideration December 30, 2017



DRAFT FOR APPROVAL

The Columbia City Bicycle Parking Plan will be presented to the Columbia City Business Association, Columbia City Business Improvement Association, Columbia City Landmark District Review Committee, Bike Works, and Rainier Valley Greenways for their formal approval.

Proposed new locations for individual racks will be approved by the adjacent business.

Acknowledgements

The Columbia City Bicycle Parking Plan (draft) was prepared by Brock Howell of Bicycle Security Advisors.

Bicycle Security Advisors works to improve bike parking and fight bike theft in Seattle, Cascadia, and beyond.



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Background on Seattle's bike rack program

The City of Seattle aims to quadruple bike ridership from 2014 to 2030, equivalent to 57,000 people biking to work. With more people biking, Seattle will have greater mobility, more space for people to live and play, more money in our back pockets and spent at local grocery stores and restaurants instead of burned at the gas pump, a cleaner environment with fewer toxic fumes, and healthier, happier people.

But we can only have as many people biking as they have safe, convenient places to lock-up their bikes at their destinations. The Seattle Department of Transportation (SDOT), has a "bike parking spot improvement program" that installs racks within the public right-of-way at a business's or even a regular person's request, so long as the proposed location is non-residential. Funded by the 2015 Move Seattle Levy (and previously by the 2007 Bridging the Gap Levy), SDOT reviews these individual rack requests and installs most within one to four years.

From 2015 to 2017, neighborhood bike parking plans were proposed by advocacy organizations and implemented by SDOT for the Ballard Avenue Landmark District and the Pioneer Square Landmark District, resulting in hundreds of new bike parking spots.

The Ballard Avenue bike parking plan was the first effort that extensively used the 20' and 30' no parking zones near intersections to install bike corrals. Since then, SDOT's parking management team has started to use bike corrals to enforce no parking zones as part of their regular evaluation of vehicular paid parking in business districts, including installing six bike corrals in the Pike-Pine Corridor near 12th and 14th Avenues in April 2017.

Why a neighborhood bike parking plan?

More racks. More business

The plan will add bike racks comprehensively across an entire neighborhood. In Portland, 67% of businesses reported an increase in customers arriving by foot and bike after a bike corral was installed nearby; and another Portland study found that customers arriving by bike spent 33% more than drivers per month when shopping at food retail stores.

More efficient & Faster implementation

A neighborhood bike parking plan is much more efficient for SDOT to review the requests and helps get the racks installed more quickly.

Safer Streets

Bike corrals within the 30' no parking zone near intersections improve traffic safety by shortening crosswalk distances for pedestrians, sharpening the turning radii so drivers can't speed through a turn, establish a narrower driving lane that causes drivers to drive more cautiously, and physically enforcing the no parking area for better site lines for drivers and pedestrians at intersections.

Placemaking

Bike corrals and bike racks can help a define a neighborhood. By painting the roadway surface of a bike corral and by requiring developers to use a specific bike rack that's attractive, a neighborhood can enhance the streetscape.

Process of the Columbia City Bike Parking Plan



Presented to the Rainier Valley Greenways, Columbia City Business Association, Columbia City BIA, and a specially created Columbia City Bike Parking Committee.

Draft refined and posted to website for public input with online survey.

Poster of proposal map displayed at community events and spaces for additional input.

Collected feedback through tabling at the Rainier Valley Heritage Parade.

TO BE COMPLETED:

Near final draft of bike parking plan published to website.

Outreach conducted to adjacent businesses, with sign-off approval letters.

Bike parking plan approval by CCBA, CCBIA, & Landmark Bd.

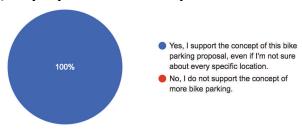
Endorsement letter sent to businesses and organizations for them sign-on in support.

Plan submitted to SDOT's Bike Parking Spot Improvement Program.

Community Input

Feedback from Online Survey

In general, do you support the addition of the new bike racks, as proposed in the map?



General online comments: Edited for clarity

- The plan needs to be vetted by the affected businesses
- Make sure they are far enough away from sidewalk cafes and trees to not impede walkers.
- Yay, more bike parking!
- Need to consider space for bike share
- As an equity measure please consider providing additional funds from the City (via a grant program like small sparks or neighborhood street fund) to upgrade the standard SDOT racks to Sportworks Tofino racks, which are more attractive, accommodate a wide variety of bikes.
- Going even further, work with local community and arts organizations to see if these racks can be customized to reflect the local culture and artistic heritage of Columbia City, similar to what is being done in First Hill and Georgetown.
- How about a bike LANE? :)

Online comments of where they'd like more bike racks. *Edited for clarity.*

- Use on-street bike rack corrals as strategic road calming devices near intersections.
- Don't locate racks in places where walkers will be impeded. Would like to see more on north side of PCC and on Edmunds between the park and PCC.
- S Edmunds at 35th, and S Edmunds at Columbia Park. The PCC racks are often full and this corridor is a primary gateway to Columbia City from the light rail station. Cyclists often disembark in this vicinity for access to retail, the park, the playgrounds, and special events (farmers markets, concerts/movies in the park, etc).
- Add a corral on the corner of S Edmunds in front of Books for Cars. It would help to prevent people from parking cars on the curb. It would also hep to create visibility for people biking or driving out of 37th Avenue S.
- The commercial core along Rainier Ave near the intersections with Edmunds, Ferdinand, and Hudson. Edmunds St. in particular as it hosts the Columbia City Farmer's Market.
- Install bike racks by every commercial establishment
- Add more racks on Alaska, as it is an important cycling route.
- Near the intersection of Alaska St. and Rainier Ave S., where there is a light rail station and the eventual intersection of two cycle tracks, along with Columbia Park and Rainier Playfield, and a public library.
- Add a bike corral on the street taking up a single parking space in front of empire coffee on Edmunds, as the bike spots that are there now often are all used.
- Along Ferdinand St., Dawson St. and 35th Ave S as they are current or planned greenways.
- Hawthorne Elementary School needs racks.
- Hillman City area needs more racks.

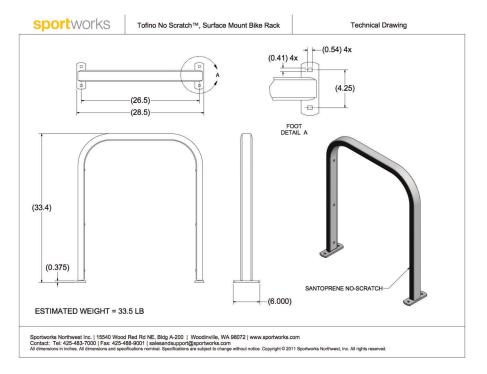
Columbia City Rack Style Standards

Columbia City's Preferred Bike Rack



The preferred bike rack, as will be established by organizations endorsing this Plan, for all installations in Columbia City is the "Tofino" bicycle rack as manufactured by Sportworks (or a rack that meets the same design specifications manufactured by any other company). The preferred finish of the rack is still to be determined by the organizations; it'll either be "brushed steel" or green.

When installing new racks as part of a new development project, the developers will need to install the Tofino style of rack in the neighborhood's preferred finish in order to be consistent with the architectural style of the neighborhood, in compliance with Seattle Design Standards CS2.A1, CS3.A4, CS3.B1, and DC2.C3.



Columbia City Placemaking with Bike Racks

In addition to establishing the Tofino rack style as the approved bike rack for the Columbia City neighborhood, the Columbia City Business Improvement Area (BIA) intends to provide the funding necessary to install the Tofino racks for all new and replacement racks within the BIA's boundaries, as mapped in this Plan. The BIA intends to enter into a memorandum of agreement with the City to cover the increased cost of the Tofino rack over that of the City's standard bike rack.



Bike Rack of the City of Seattle Bike Parking Program



SDOT's bike parking program's current standard bike rack is called a "rail rack," and is 24" long, 30" tall, is made of galvanized steel, and has a rubber padded horizontal bar. While Columbia City will be moving away from this style of rack, old rail racks may continue to exist in the neighborhood.

Racks Never to Install

The following style of racks fail either fail to provide two points of contact, are difficult to use a U lock to lock both the wheel and frame of a bicycle, provide insufficient support to the bike, risk damage to a bike, are space inefficient, or some combination of these or other factors.













Bike Rack Corrals

Bike corrals are on-street sets of bike racks that go in the curbside vehicular parking area. SDOT has two sizes of bike corrals: 17'-long with three racks on metal skis, and 27'-long with six racks on metal skis. SDOT prefers to install bike corrals within the 20' or 30' no parking zones near intersections as a way to minimize the impact to metered car parking and opposition from adjacent businesses and to enforce the no parking restrictions.





Guidelines for picking locations for bike racks

25' from entrances

People are highly mobile on a bike, and are legally able to ride both on the street and on the sidewalk. As a result, for better or worse, people biking will always look to find the closest spot to park their bike to their destination, whether it's a rack, street sign, or fence. To encourage more to bike and to encourage people to lock-up their bikes in appropriate locations, racks should be provided within 25 feet of any retail, restaurant, shop, or other consumer-oriented business.

Sufficient racks to meet our mode share goal Seattle currently requires developers to provide of

Seattle currently requires developers to provide one onsidewalk bike space for every 2,000 feet of retail space. This numeric requirement is based on an expectation that 5% of people are getting around by bike. As the city aims to quadruple its bike ridership by 2030, significantly more opportunities to park bikes will need to be provided.

Enforcing no parking zones

We can achieve win-win-wins by using the 30' no parking zones near stop signs and 20' no parking zones at unmarked intersections to install bike corrals, physically enforce the no parking zones, and improve pedestrian safety without having to remove any car parking.

Improving sidewalk space

Often sidewalks in Seattle are narrow and may be congested with pedestrians, sign posts, telephone poles, and other street furniture. On-street bike corrals help provide bike parking without adding to more obstructing the path of pedestrians.

Bikeshare

The City of Seattle now permits private companies to operate "free floating" or "dockless" bikeshare systems in Seattle. There are currently three companies (Lime, Ofo, and Spin), with a total of approximately 10,000 bikes. There are reports that the number of bikeshare bikes in Seattle may increase to as high as 18,000 in 2018.

Free floating bikeshare is a low-cost way for Seattle to provide an exciting new, low-carbon mobility option to thousands of residents. This opportunity also comes with a need to manage our public space.

SDOT requires bikeshare users to park the bikes within the "furniture zones" of sidewalks. The bikeshare rules also contemplate the creation of "geotagged" areas where bikes would be required to park, but no such spots have been created in the city yet.

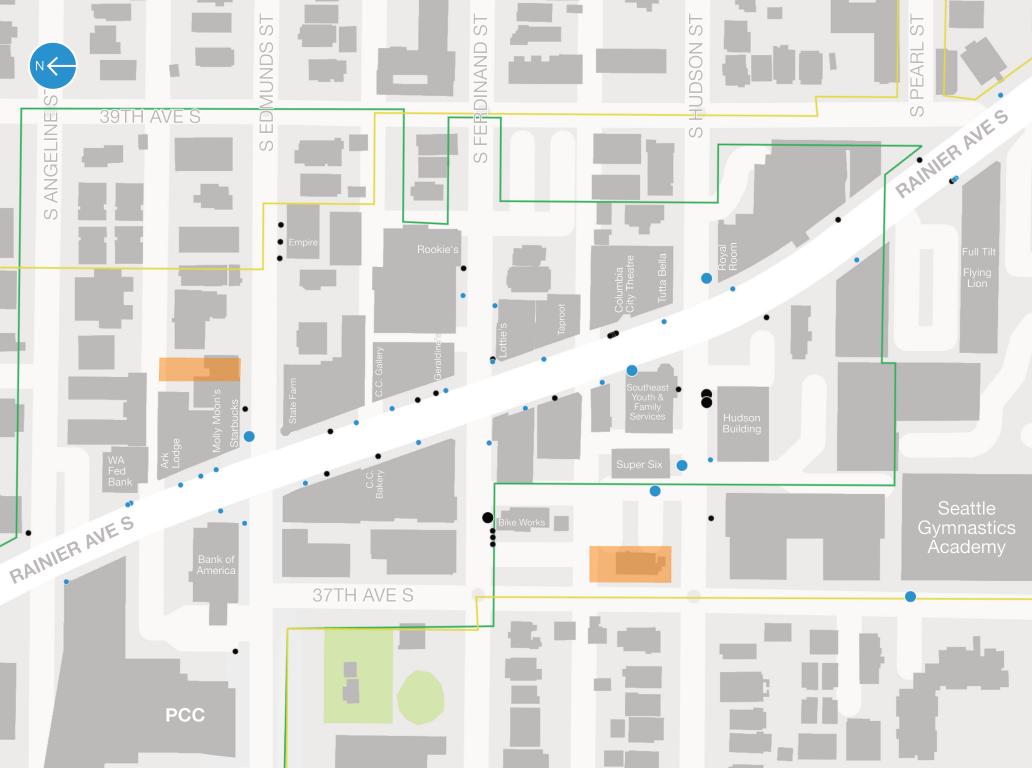
This Plan recommends locations for new "bikeshare corrals," similar to standard bike rack corrals for bikes that need locking. Locations and designs are discussed on pages 26-27.

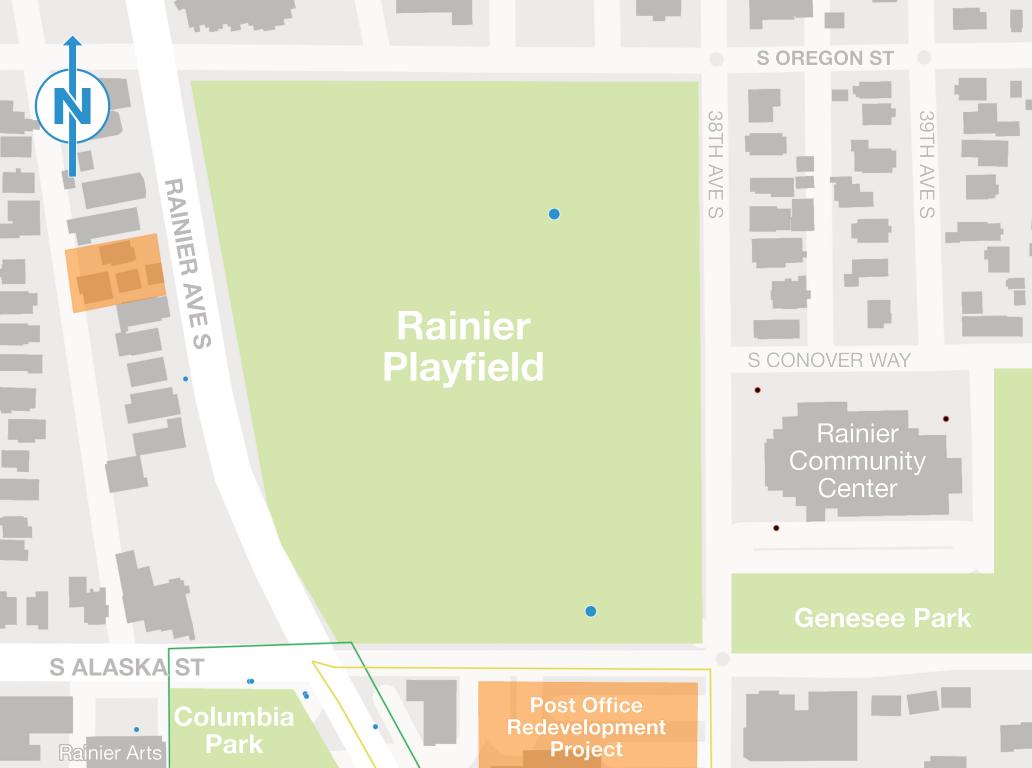


S ALASKA ST

Overview Maps of Columbia City Bicycle Parking Plan

- Boundary of Columbia City BIA
- Boundary of Landmark District
- New/Planned Development
- Proposed New Bike Corral
- Proposed New Rack
- Existing Rail Racks
- Existing Coathanger & Wave Racks
- Existing Bike Corral





North End





Rainier Playfield

The Rainier Playfield lack any bike parking. During public comment, the playfield was one of the most requested locations for more bike racks.

This plan proposes two locations for bike corrals: (1) two sets of bike corrals near the baseball fields and playground equipment, and (2) a bike corral behind the baseball field in the southeast corner of the playfield.

The racks will be the standard "rail racks" provided by SDOT. Bicycle Security Advisors will work with SDOT and Seattle Parks staff to secure the exact location of the racks.



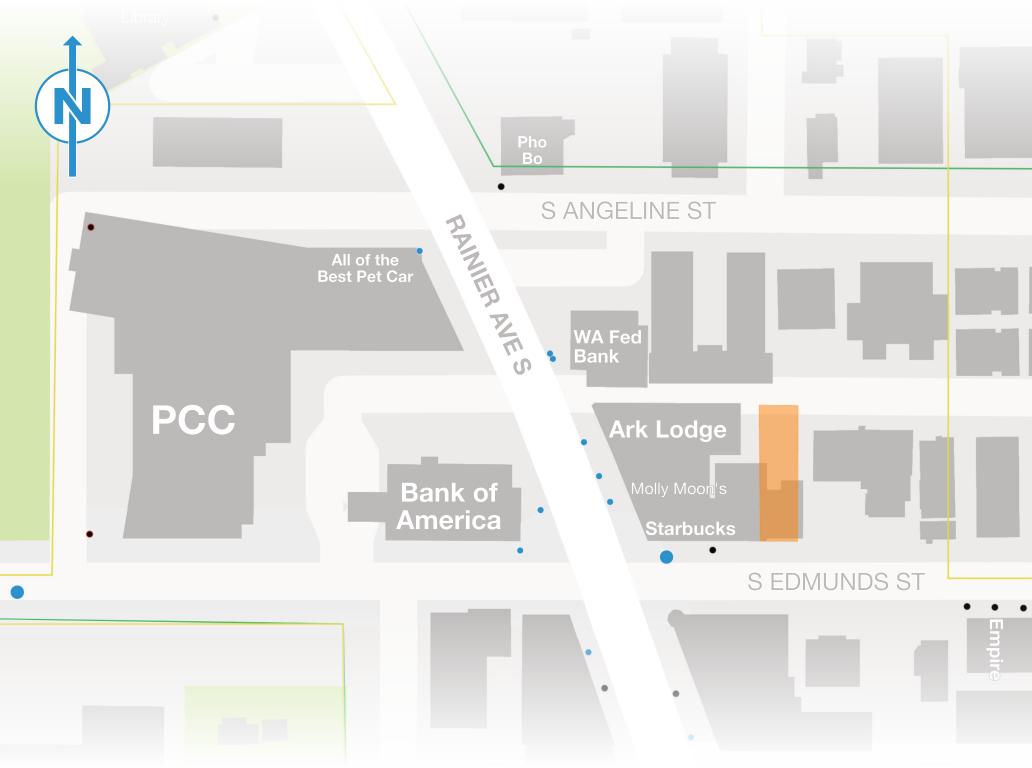
Washington Dental Clinic

No racks currently exist along Rainier Avenue S from S Alaska Street to S Oregon Street. Due to a planting strip, there are limited opportunities to install racks along this segment, except in front of the Washington Dental Clinic and Gorilla Graphics Copy & Printer business.



Rainier Arts Center

The Rainier Arts Center lacks any bike parking, and there are no options for people to lock-up their bikes on the north end of Columbia Park. The best location for racks is likely within the Rainier Arts Center's parking lot, nearest to the building's entrance. Bicycle Security Advisors will work with the South East Effective Development (SEED), Seattle Parks, and SDOT to secure a location and funding for a rack or bike corral.



Angeline St to Edmunds St



All the Best Pet Care Add 1 rack along planting strip.

Washington Federal Bank Add 2 racks in front of bank on brick area.





Bank of America
Add 1 rack in furniture zone
along Rainier Ave in front of Bank
of America.

Ark Lodge & Molly Moon's
Add 3 racks along three tree
wells, as shown in the image.
Public comments frequently
asked for more racks near the
Ark Lodge and Molly Moon's.





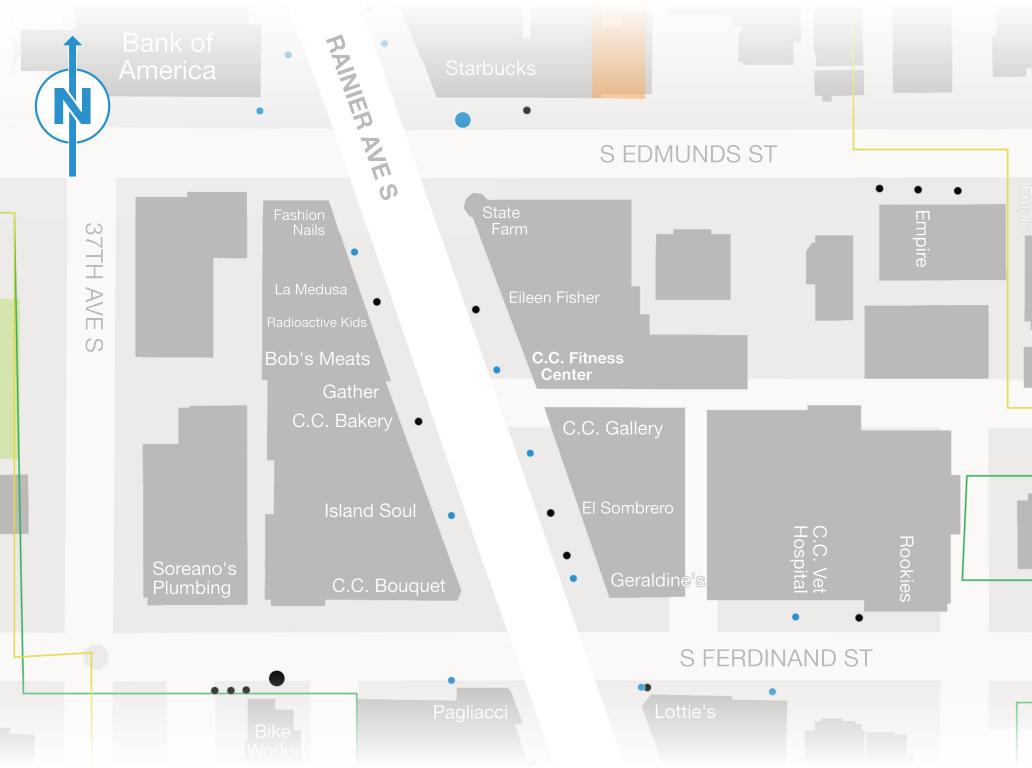
Bank of America Add 1 rack along curb on S Edmunds St.

Bike Corral at Starbucks
Add a 3-rack corral on
S Edmunds St near Starbucks.





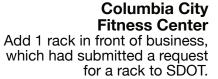




Edmunds St to Ferdinand St



Hair Fashion & La Medusa Add 1 rack directly behind "Columbia City" sign.





Columbia City Gallery Add 1 rack in furniture zone.



Replace long-rail rack and angle new rack at 60 degrees.

Geraldine's
Add 1 rack on south-side of tree
well, placed perpendicular to the
street. When replacing the old
rack, also place the new rack

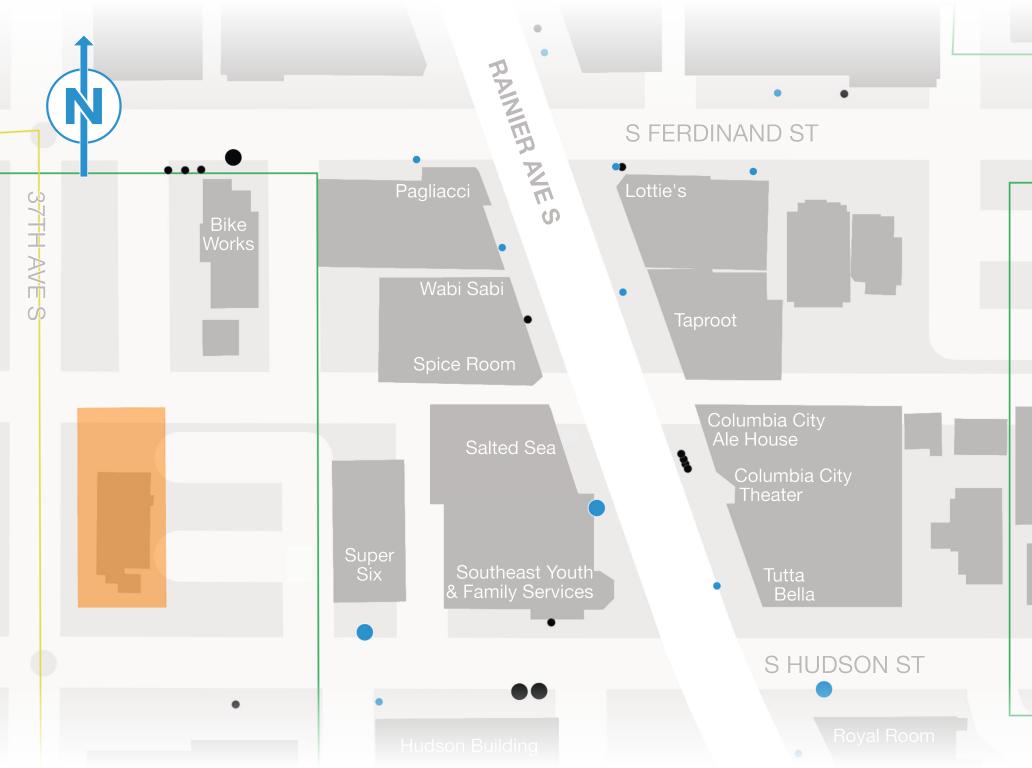


Columbia City Veterinary Hospital Add 1 rack along curb.



Island SoulAdd 1 rack along curb, at an angle.





Ferdinand St to Hudson St



Pagliacci
Add 1 rack to side of Pagliacci
Pizza. Pagliacci submitted an
official request for a rack to
SDOT.



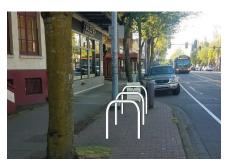


Luby's!

Rudy's
Add 1 rack in front of Rudy's

Lottie's
On corner along Ferdinand St,
replace existing rack with two
racks installed perpendicularly
from street.





Southeast Youth & Family Services
Add 3-rack corral in front of Southeast Youth & Family Services and adjacent to Salted Sea in the brick curb-bulb area.

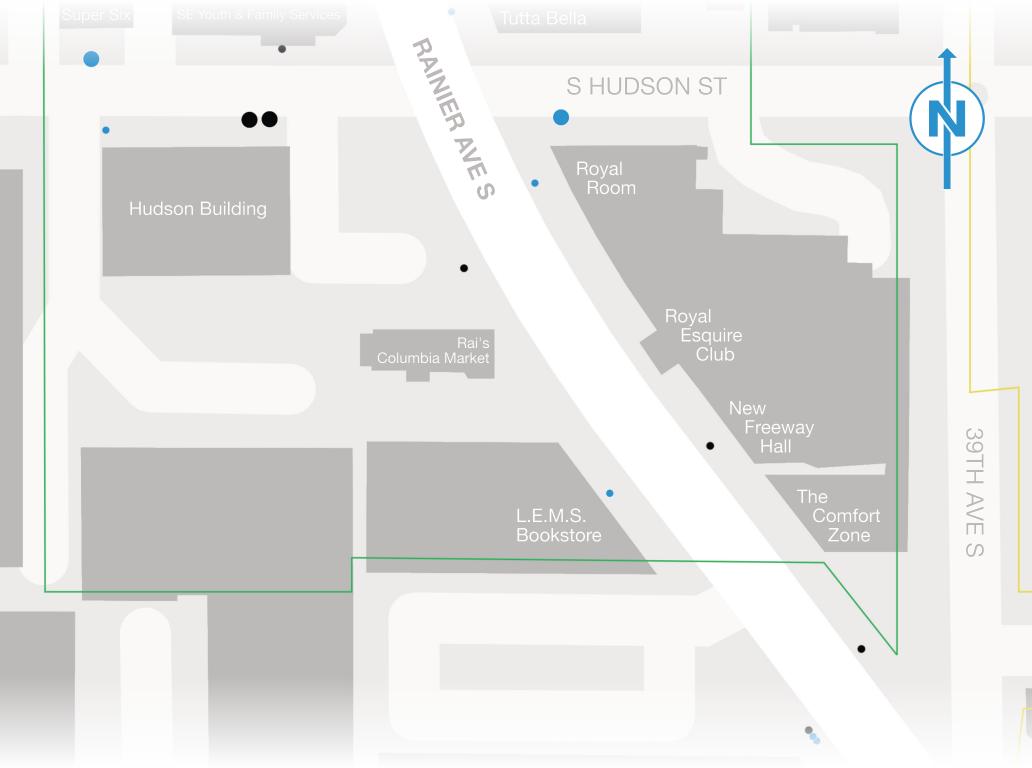
Taproot



Super Six Add 3-rack corral directly in front of Super Six.

Tutta Bella Install rack behind Columbia City Sign



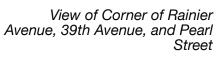




Pearl St to Dawson St



Strip Mall
For strip mall with Full Tilt and
Flying Lion Brewing, install a 3bike corral in brick area along
Rainier Avenue where there is
currently a rail rack.







Homesight & SEED
The coathanger rack is broken, but it is on private property and will need to be replaced by the nonprofit organizations.

Podiatry Clinic
Add 1 rack on along curb of
Rainer Ave.





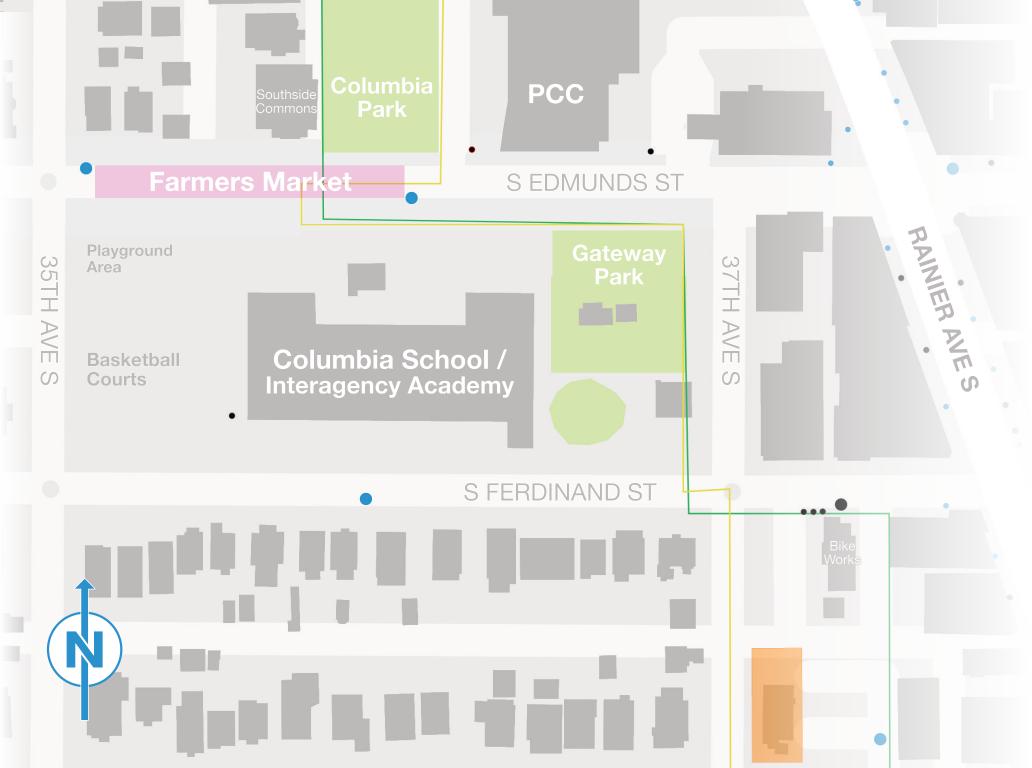
Southern-most rack
The adjoining parcel will soon be redeveloped. The design renderings for the new development shows that three new racks will be added along Rainier Avenue.











Farmers Market & Columbia School



Farmers Market on Edmunds St

On either side of where the Columbia City Farmer Market is held, install 3-rack bike corrals within the 20' no parking zones. In addition to providing bike parking to the farmers market, these corrals are needed for people going to the Columbia School Playground and basketball courts, the Southside Commons, Columbia Park, and Gateway Park.



Columbia School

The Columbia School needs bike parking. It's main entrance has a crosswalk and a 30' no parking zone leading up to it. A 3-rack or 6-rack bike coral should be added in this location on the south-side of the street. While the corral would be across the street from the school, the school-side curb is designated for drop-off and pick-up of students.





Rainier Avenue S

Columbia Park, Burdick's Security, and Post Office Redevelopment



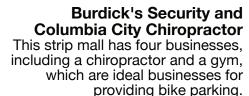




Columbia Park Entrance
During community outreach, one of
the most requested locations for
new bike racks was at the northern
entrance to Columbia Park.

Rainier Arts Center The Rainier Arts Center (owned by SEED), needs a bike corral.







Post Office Redevelopment

There is currently no space within the public right-of-way to easily provide city-funded bike racks. However, the parcel will soon be redeveloped. Current plans show 8 new racks are to be installed on the parcel, including 4 along Rainier Avenue.



37th Avenue S

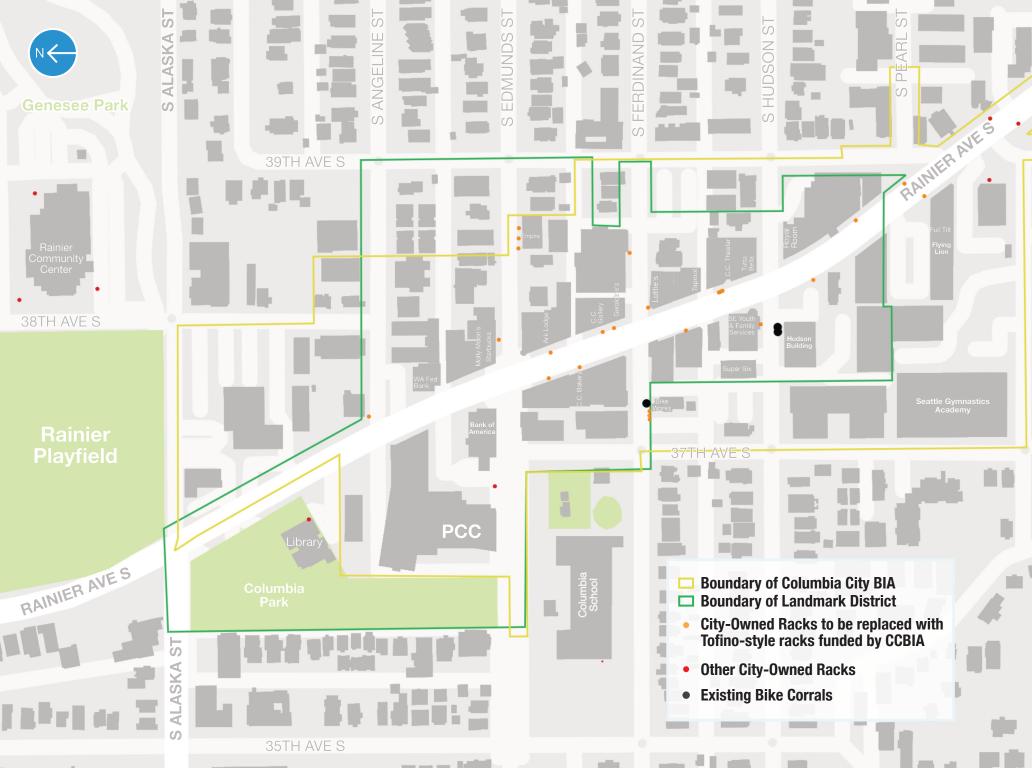
Seattle Gymnastics Academy





Seattle Gymnastics Academy

During public comment, people frequently requested bike parking at the Seattle Gymnastics Academy. The main entrance to the facility is off of S Dawson Street for vehicles, but there is also a pedestrian entrance off of 37th Avenue S, which is likely the best location for city-funded bike parking. There is no space for a rack to be installed on the sidewalk, so the recommendation is to install a 3-rack corral just south of the pedestrian curb ramp. This is not likely a no parking zone, so it would result in the loss of one unregulated car parking space.



Replacing City-Owned Racks



Don't change out rack at Bank of America. No solid base for narrower rack.



SDOT won't likely change out wave rack at library.



SDOT won't likely change out wave rack at library.



Replace rail rack at Columbia City Bakery.



Leave old corral and replace three long rail racks at Bike Works.



Replace long rail rack at Wabi Sabi.



Replace long rail rack at Southeast Youth & Family Services.



Move half of bike corral at Ferdinand St across Rainier Ave to The Royal Room. Move other half to in front of Super Six.



Replace long rail rack near Rai's Columbia City Market.



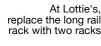
Replace long rail rack near strip mall (Full Tilt), with 3 racks.



This is not an SDOT rack, but coathanger rack at the Homesight office needs to be replaced due to damage.



Do not replace. Future development project will install two racks.





Replace the four rail racks near Columbia City Theater.



near New Freeway Hall.



SDOT won't likely change out 3 wave racks around around the Rainier Community Center.



Replace the long rail rack at Pho Bo.



Replace the long rail rack near Two Phase Interiors & Starbucks.



Replace the three rail racks at Empire Coffee.



Replace the long rail rack near Eileen Fisher.



Replace the long rail rack



Replace the long rail rack near Geraldine's.



Replace the long rail rack near Rookie's.





Bikeshare

Bikeshare Introduction

With thousands of new bikeshare bikes continuing to rollout on Seattle streets, managing our sidewalks, streets, and parks will become ever more more important so that our public spaces remain open and inviting to all people. This Columbia City Bicycle Parking Plan provides recommends locations for bikeshare-specific on-street corrals that would primarily rely on paint and vehicle parking stops to designate space.

Bikeshare Corral Designs

To the right is a possible design idea for painting a bike corral within 20' and 30' no parking zones at intersections. SDOT is currently experimenting with various "paint and post" designs.

Locations

The purple dots in the map on the previous page identifies several locations for installing bikeshare corrals. Of special importance is providing "first and last mile" connections from the Columbia City Light Rail Station to the Columbia City Landmark District and to the Rainier Playground and Rainier Community Center.



Angeline St & Rainier Ave



Edmunds St & 35th Ave



Edmunds St at Columbia Park



Edmunds St & 37th Ave



Ferdinand St & Rainier Ave



Hudson St & 37th



Hudson St & Rainier Ave (replace current corral with a 15-20' bikeshare corral)



Hudson St & Rainier Ave, at Tutta Bella

