

MLK Jr Way S Safety Project

Final Project Design

July 2023

Table of contents

Project map 2

S Judkins St and MLK Jr Way S improvements..... 3

I-90 Trail and MLK Jr Way S improvements 4

S Massachusetts St and MLK Jr Way S improvements 6

S Bayview St and MLK Jr Way S improvements 8

S McClellan St and MLK Jr Way S improvements..... 10

Rainier Ave S and MLK Jr Way S improvements 11

This project was funded by the [Levy to Move Seattle](#).



Project map

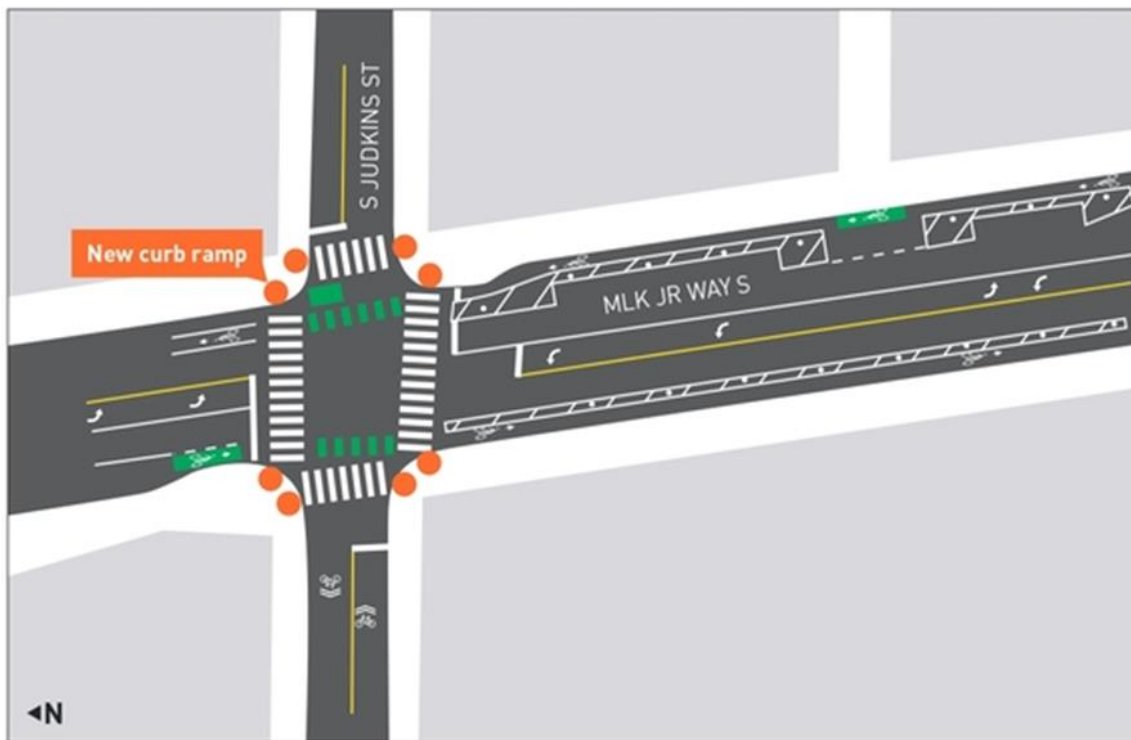
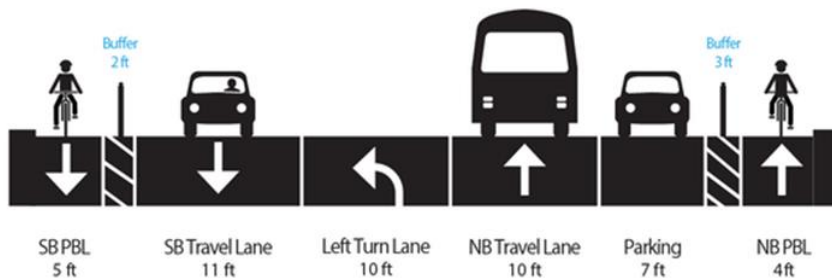


S Judkins St and MLK Jr Way S improvements

Improvements at this intersection include:

- Bike lane located between travel lane and sidewalk on west side of street
- Bike lane located between parking and sidewalk on east side of street
- New ADA curb ramps at all four corners
- Markings for people biking, walking, and driving

1 S Judkins St and MLK Jr Way S



I-90 Trail and MLK Jr Way S improvements

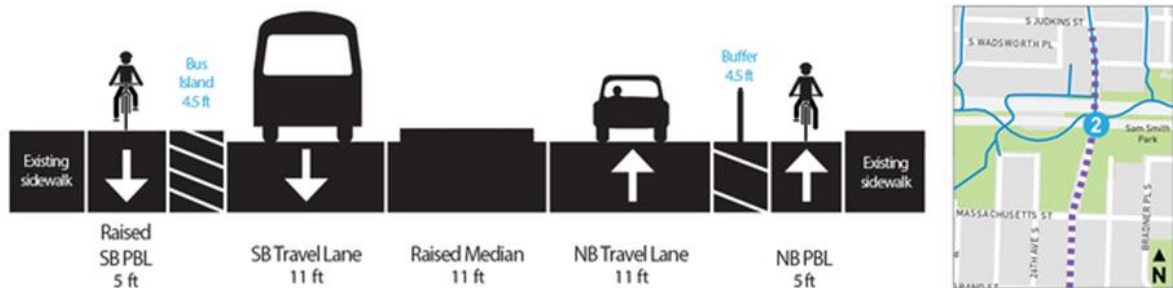
At the I-90 trail connection, we've designed raised protected bike lanes and bus islands to accommodate people biking, walking, taking the bus, or driving. The shared bus stop will reduce interactions between bikes, cars and buses on the corridor, providing improved safety and predictability for all users, and will help keep transit moving to improve travel time for people riding buses.

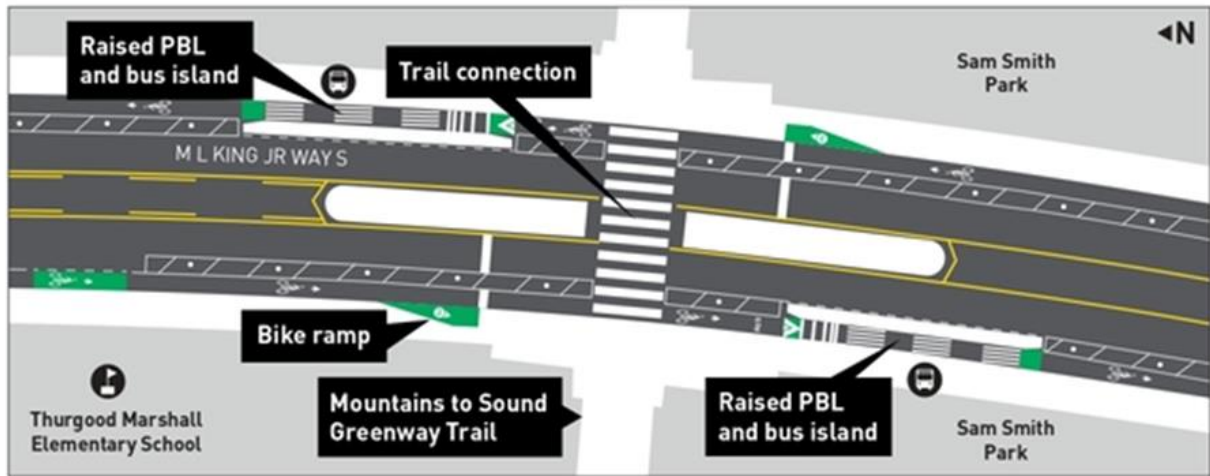
The design includes:

- Bike lane transition from street grade to sidewalk grade with slow down line markings
- Sidewalk level pedestrian crosswalks across the raised protected bike lane
- Markings for people biking, walking, or using transit
- Visual signals for bikers to yield to passengers boarding or alighting (exiting) into the bike lane

In addition to the design features listed above, the project will also add right turn bicycle ramps to access the I-90 Trail. Unique bus stop announcements will be added to buses serving the shared stops. These announcements will alert exiting passengers to "watch for bikes when exiting the bus" as buses approach the shared stops.

2 I-90 Mountain to Sound Trail and MLK Jr Way S



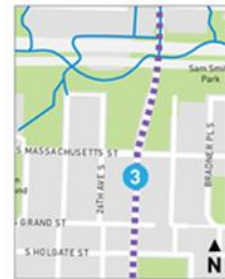
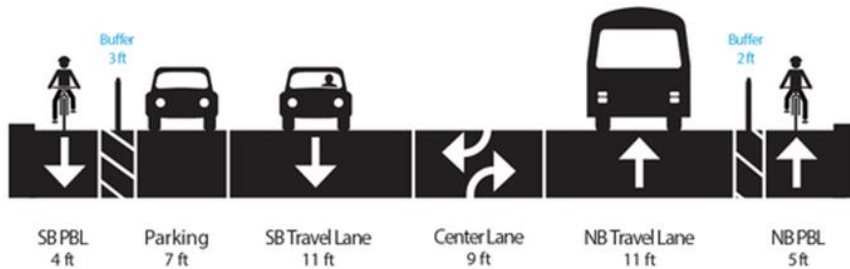


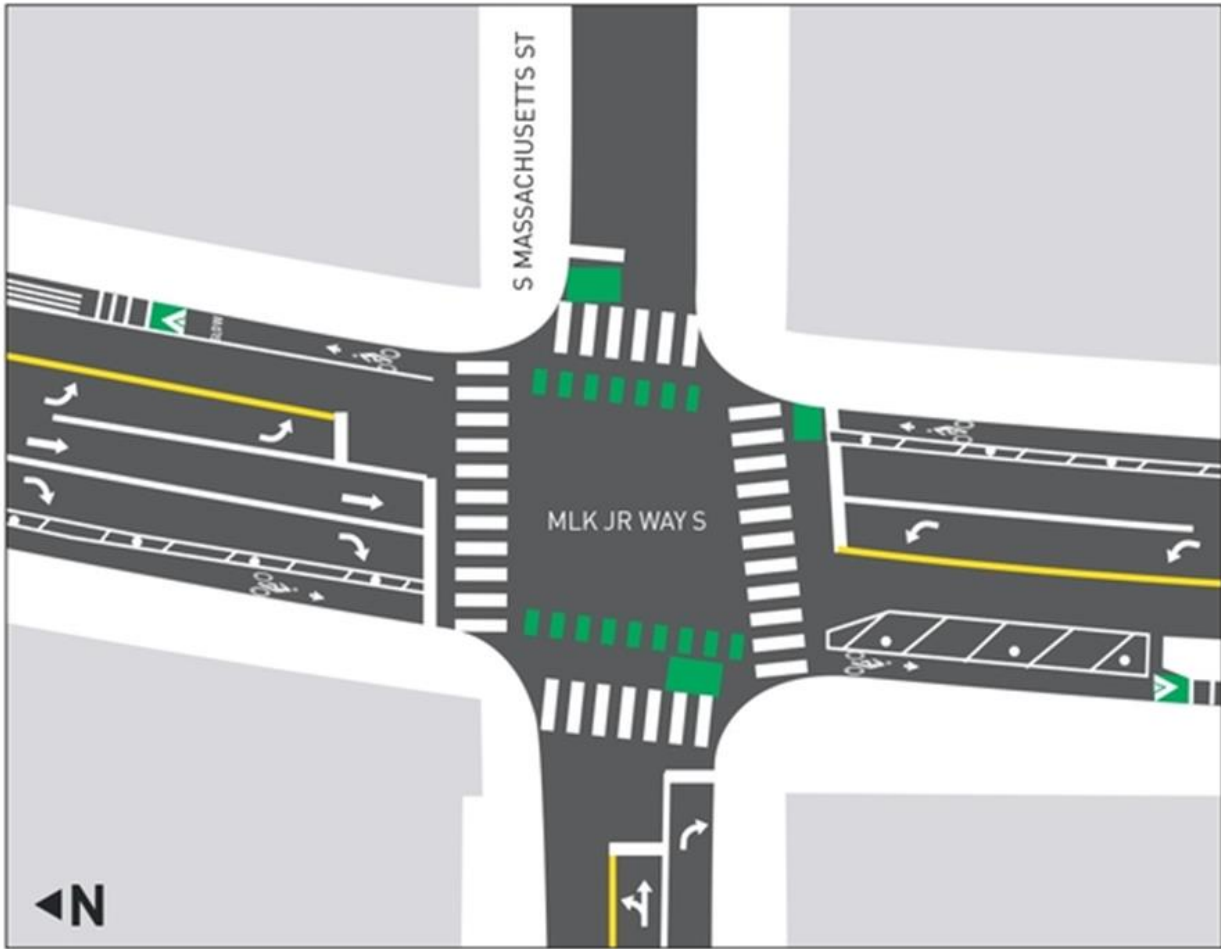
S Massachusetts St and MLK Jr Way S improvements

Currently, this street has one travel lane in each direction, a center turn lane, and parking on both sides. There are sidewalks present, but no bike lanes. Our proposed design introduces protected bike lanes to both sides of the street. Other design elements include:

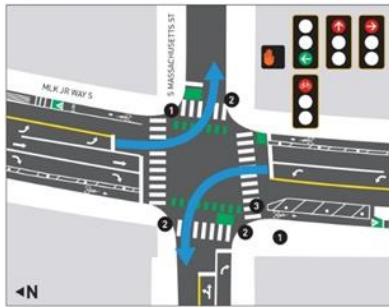
- Protected bike lanes on both sides of the street
- Green pavement markings to highlight where cyclists will be present
- Turn boxes to help cyclists safely make left turns
- Bike signal at S Massachusetts St for southbound bike lane
- Shared raised protected bike lanes and bus stops where buses remain in travel lane
- Removed parking on the east side of the street (Preserved parking on the west side is closer to community centers and businesses)

3 S Massachusetts St and MLK Jr Way S

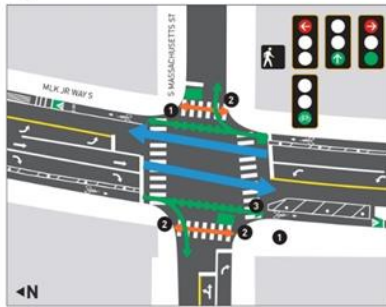




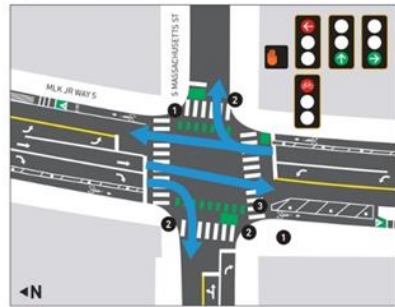
Signal Phase 1



Signal Phase 2



Signal Phase 3



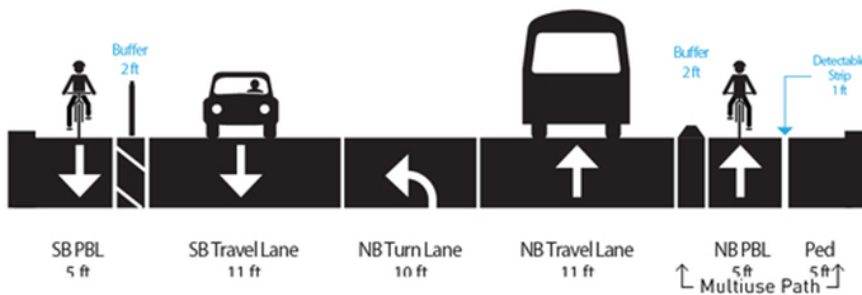
— Bike
 — Vehicle
 — Pedestrian
 ❶ Bike Signal Sign
 ❷ No Turn on Red Sign
 ❸ Right Turn Only Sign

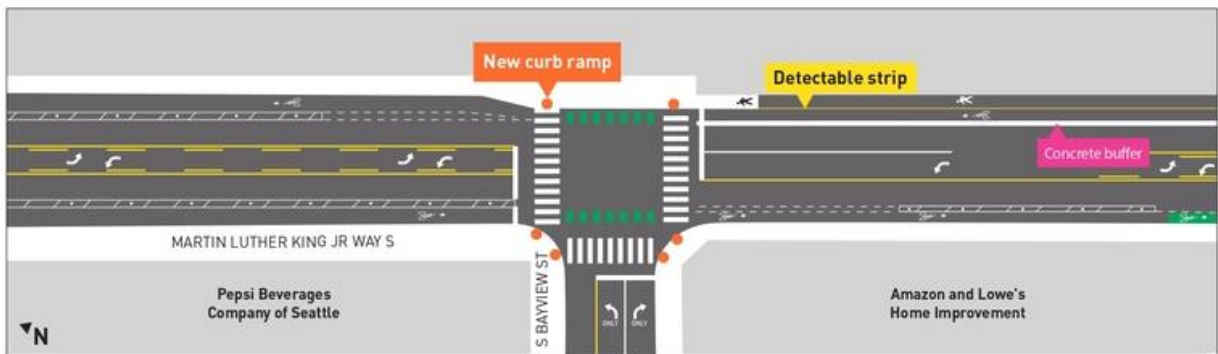
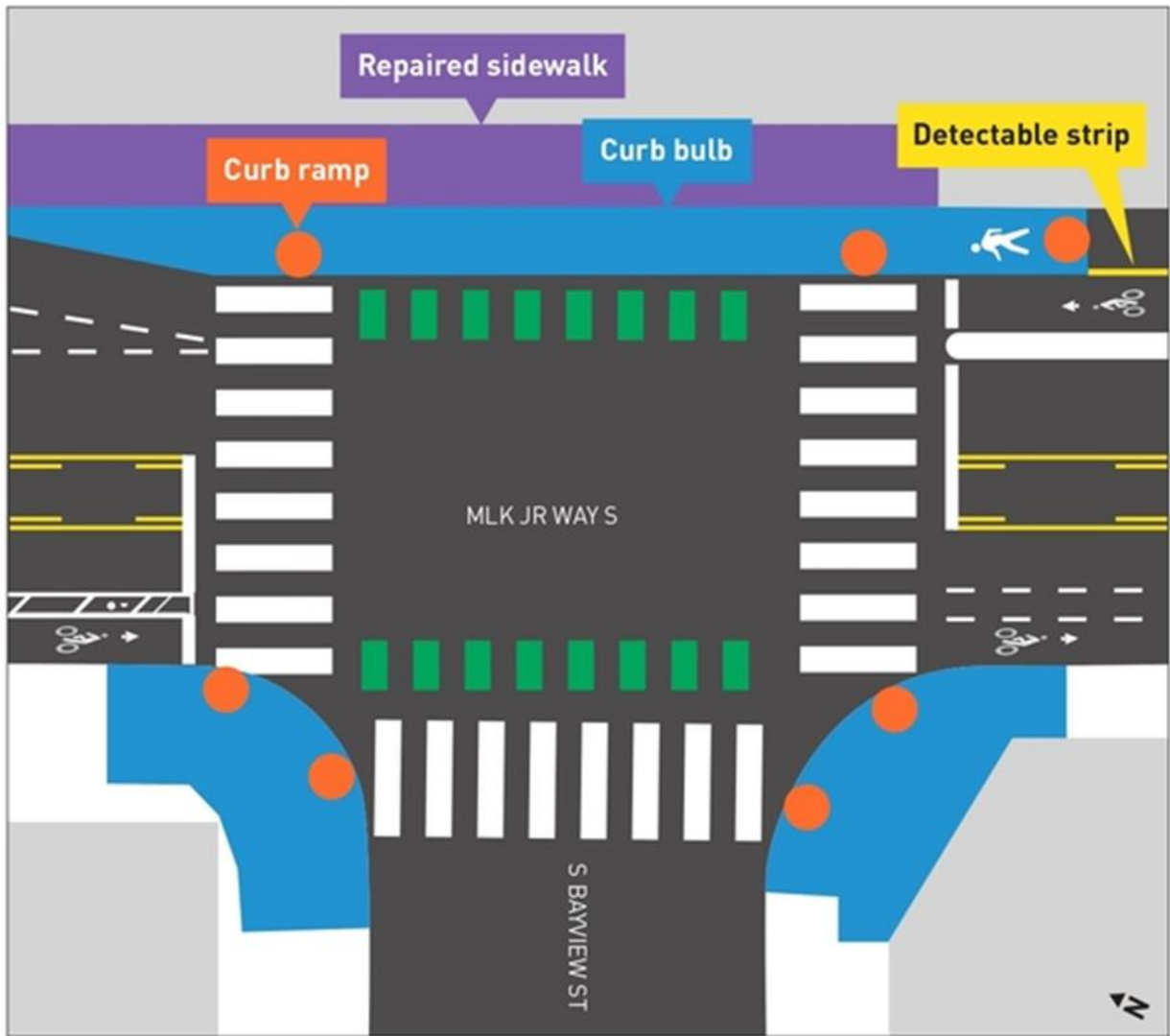
S Bayview St and MLK Jr Way S improvements

This corridor has four travel lanes and a center turn lane. There are no bike facilities, and the sidewalk is missing on the east side of the street between S Bayview St and S McClellan St. Our proposal for this corridor will remove two travel lanes and includes:

- Protected bike lanes on both sides of the street
- A protected multiuse path on the east side of the street, south of S Bayview St with a detectable strip between cyclists and pedestrians.
 - This path will be separated from vehicle traffic by a concrete barrier
- Drainage and pavement repairs and upgrades
- Upgraded curb ramps
- Green pavement markings to highlight where cyclists will be present

4 S Bayview St and MLK Jr Way S



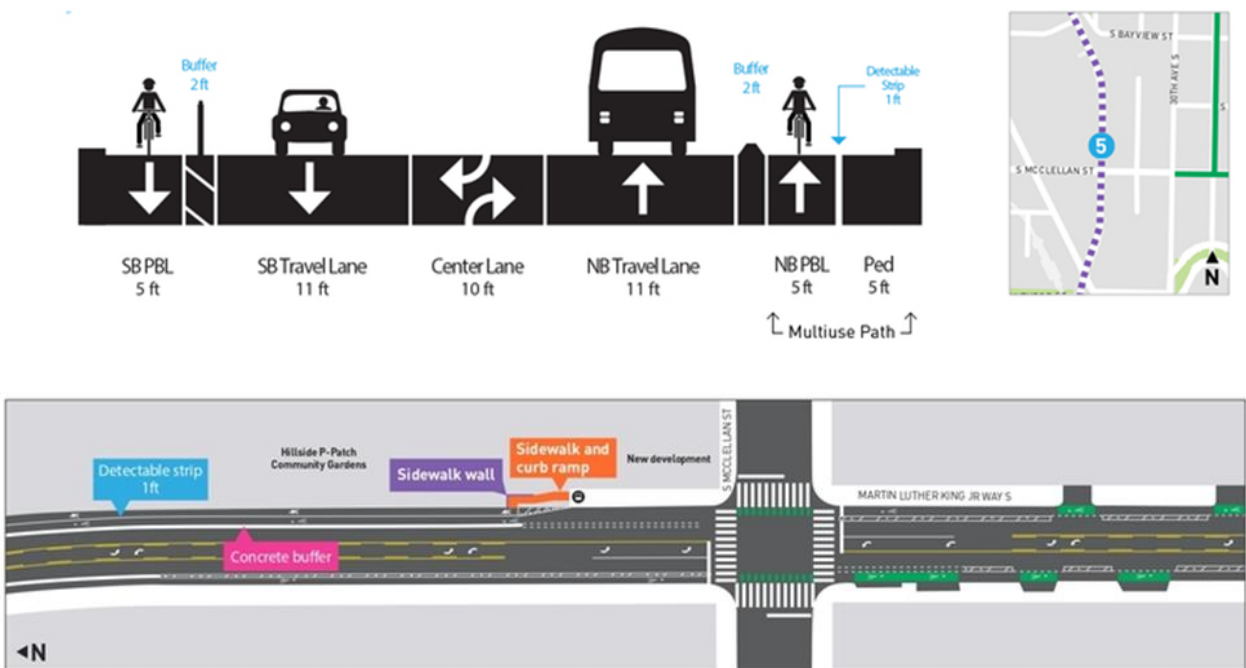


S McClellan St and MLK Jr Way S improvements

Currently, the street has four travel lanes that become a left turn lane at S McClellan St. This corridor is heavily used by Metro buses accessing the current location of the Mt Baker Station. Our proposed design for this corridor removes two travel lanes and includes:

- Protected bike lanes on both sides of the street
- A protected multiuse path on the east side of the street north of S McClellan St, with a detectable strip between cyclists and pedestrians.
 - This path will be separated from vehicle traffic by a concrete barrier
- Openings in the proposed bike lane to maintain access to businesses and the transit center
- Green pavement markings to highlight where cyclists will be present
- Other pedestrian improvements as part of the Accessible Mount Baker Project

5 S McClellan St and MLK Jr Way S



Rainier Ave S and MLK Jr Way S improvements

The near-term improvements from the Accessible Mount Baker Project have been merged with the MLK Protected Bike Lane Project. To see full details on the Accessible Mount Baker Project, please visit the [project webpage](#). Improvements in this area include:

- New and widened curb bulbs and crosswalks to create shorter crossings
- Widened and repaired sidewalks for additional sidewalk space
- Right turn restrictions from Rainier to MLK
- Protected bike lanes that connect to the Mt Baker Light Rail Station

