

Seattle Bicycle Advisory Board
Jonathan Frazier
5/6/2020 Department of Transportation



Our vision, mission, and core values

Vision: Seattle is a thriving equitable community powered by dependable transportation

Mission: to deliver a transportation system that provides safe and affordable access to places and opportunities

Committed to 6 core values:

- Equity
- Safety
- Mobility
- Sustainability
- Livability
- Excellence

Presentation overview

- Background
- Project Area
- Existing Conditions
- Alternatives
- Next Steps



Background

- Identified as an important Southeast Seattle connection during 2019 outreach for Bicycle Master Plan Implementation Plan
- MLK Way has high rates of speeding and collisions compared to other parts of the city
- This project is funded by the Vision
 Zero program to address existing safety issues and provide an important bike connection



Previous Proposals

2008 Southeast **Transportation Study**



Proposed

Construct a pedestrian/bicycle facility along the east side of MLK connecting to the Mountains to Sound I-90 multi-use trail, MLK bicycle lanes (to the north), MLK Memorial Park, Amy Yee Tennis Center, and Mt.

- 1 Reduce the street roadway on MLK from five lanes to three lanes, matching the lane configuration to
- Convert the right-of-way underutilized for vehicular traffic to open space including natural drainage features and a multi-use pedestrian/bicycle facility.
- 3 On the east side of MLK at S. Holgate St, S. Walker St, and S. Bayview St, provide raised crossings to increase motorists' awareness of the trail.
- 4 Reduce the width of the crossing on the east side of MLK at Bayview by realigning Bayview to intersect MLK at a right angle.

2015 Accessible Mt. **Baker Concept**



2019 Bicycle Master Plan Implementation Plan



Project Area and Connections

- Mt. Baker and Judkins Park light rail stations
- Accessible Mt. Baker vision
- Destinations along MLK
- North: Continue on MLK or take Central Area Greenway
- East: Mt. Baker Tunnel to regional trail network
- South: Study continuation on MLK
- West: To downtown via trail or greenways



Existing conditions

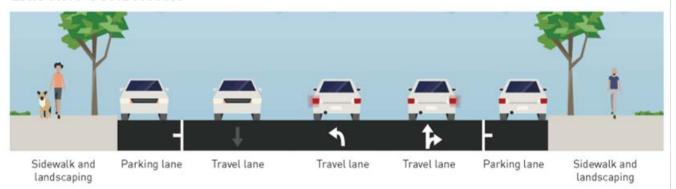
Residential Context

(S Judkins St to S Holgate St)
3 lanes, parking on both sides

Arterial Context

(S Holgate St to Rainier Ave S)
5 lanes, no parking

EXISTING CONDITIONS



EXISTING CONDITIONS



Alternative 1: 2-way PBL on east side

Residential Context

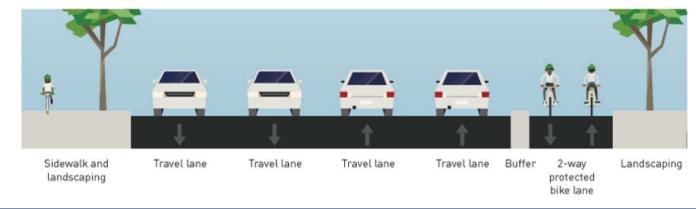
(S Judkins St to S Holgate St)
3 lanes, parking on west side

Arterial Context

(S Holgate St to Rainier Ave S) 5 lanes, no parking

RESIDENTIAL ALTERNATIVE 1: PROTECTED BIKE LANE ON EAST SIDE Sidewalk and landscaping Parking lane Travel lane Travel lane Buffer 2-way protected bike lane landscaping landscaping

BUSINESS ALTERNATIVE 1: PROTECTED BIKE LANE ON EAST SIDE





Alternative 2: 2-way PBL on west side

Residential Context

(S Judkins St to S Holgate St)
3 lanes, parking on east side

Arterial Context

(S Holgate St to Rainier Ave S)
4 lanes, no parking



BUSINESS ALTERNATIVE 2: PROTECTED BIKE LANE ON WEST SIDE





Alternative 3: PBLs on both sides

Residential Context

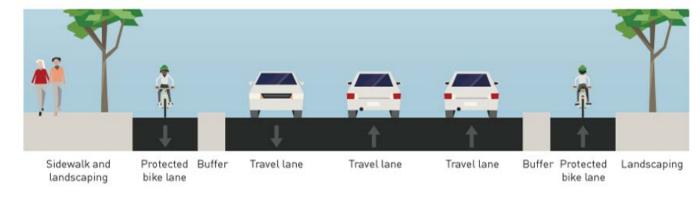
(S Judkins St to S Holgate St)
3 lanes, parking on west side

Arterial Context

(S Holgate St to Rainier Ave S)
3 lanes, no parking

RESIDENTIAL ALTERNATIVE 3: PROTECTED BIKE LANES ON BOTH SIDES Sidewalk and landscaping lane Protected bike lane landscaping lane Travel lane Buffer Protected bike lane landscaping landscaping

BUSINESS ALTERNATIVE 3: PROTECTED BIKE LANES ON BOTH SIDES



Alternatives

Alternative 1 (East 2-Way)

- + Could fill block of missing sidewalk
- + Best access to parks

- Requires new signals
- Least access to destinations west of MLK

Alternative 2 (West 2-Way)

- + Accessible Mt. Baker
- + Fewest driveway crossings

- Requires new signals
- Most impact to traffic and transit at signals

Alternative 3 (One-Way)

- + Community preference to date
- + Most affordable

- Most bus stops



Next steps

| Date | Activity/action |
|-------------|------------------------------|
| May 2020 | Select Preferred Alternative |
| Summer 2020 | Develop 30% Design |
| Fall 2020 | Finalize 30% design |
| 2023 | Construction |

Questions?

MLKWay@seattle.gov | (206) 900-8750

https://www.seattle.gov/transportation/projects-andprograms/programs/bike-program/protected-bikelanes/mlk-protected-bike-lane

www.seattle.gov/transportation









