



Delridge Way SW RapidRide H Line

30% Design Update

Our mission, vision, and core values

Mission: deliver a high-quality transportation system for Seattle

Vision: connected people, places, and products

Committed to **5 core values** to create a city that is:

- Safe
- Interconnected
- Affordable
- Vibrant
- Innovative

For all

Presentation overview

- Background, schedule
- City Council proviso
- Project area
- Existing conditions
- 30% Design
- Schedule
- Community engagement
- Stormwater code compliance
- SDOT/Metro coordination
- Cost estimates, funding
- Next steps

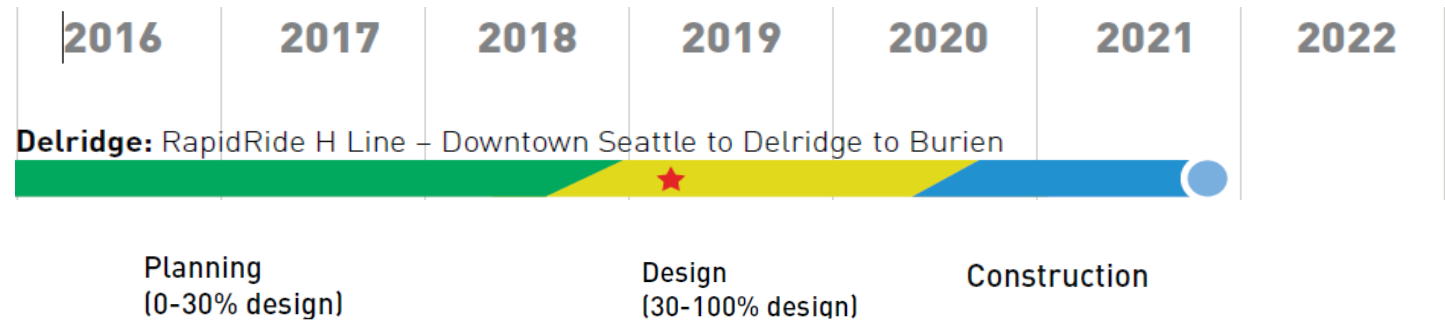
Background, schedule

Planning

- 2015 – existing conditions workshop
- 2016 – modal priorities workshop
- 2017 – existing conditions report
- 2017 – design options 1 and 2
- 2018 – design option 3

Design

- 2018 – 10% design
- 2019 – 30% design



★ Baseline project scope, schedule and budget

City Council proviso

Proviso

- Green Sheet 49-1-A-1-2018
- Directs SDOT to report to Sustainability & Transportation Committee at 30% design milestone
- Requests clear definition of sidewalk and bicycle design elements
- Requests design baseline reflects continued community engagement and input

Progress since July 2017 Council briefing

- Conducted 10% design outreach
- Advanced design from 10% to 30% and responded to 10% design feedback
- Added paving into design and assessed stormwater requirements

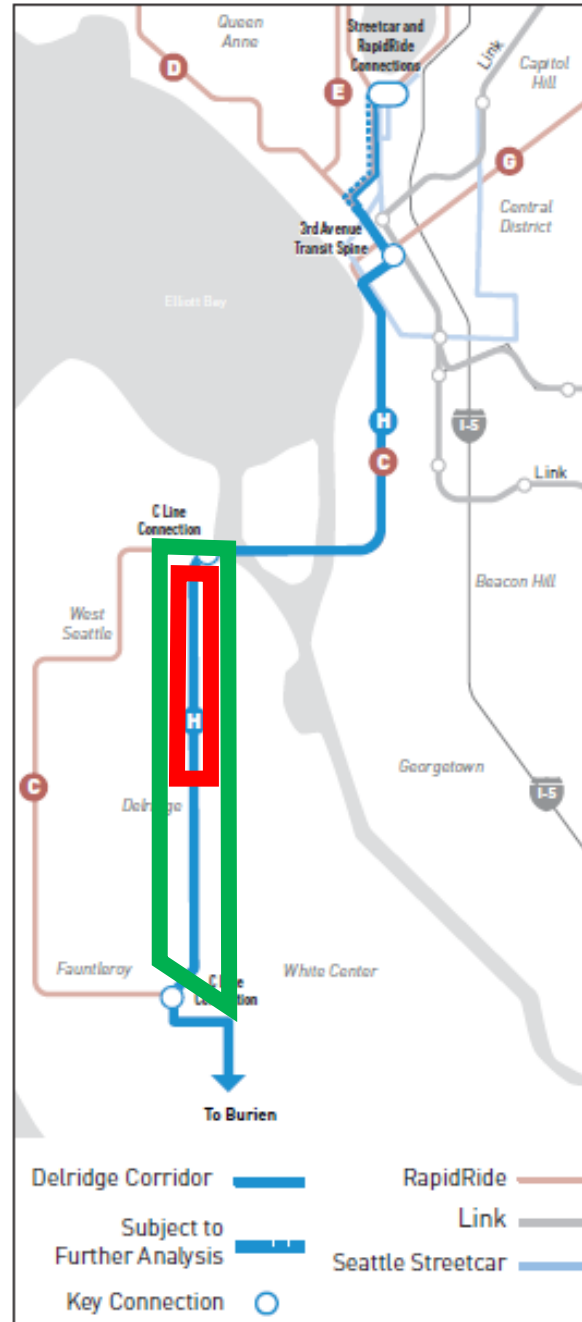
Project area

Three overlapping projects

- King County Metro RapidRide H Line Implementation
- SDOT Delridge Way SW Paving
- SDOT Delridge Way SW Transit-Plus Multimodal Corridor

DELDRIDGE - H LINE

Downtown Seattle to Delridge to Burien



Metro

- RapidRide H Line implementation
- South Lake Union to Burien via Delridge

SDOT

- Paving, utility upgrades
- Delridge Way SW (north end)

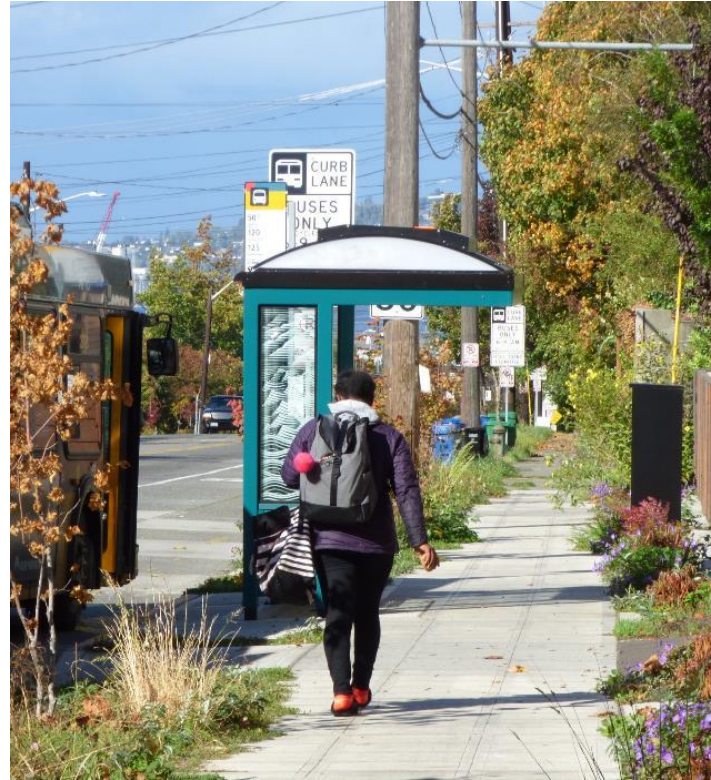
SDOT

- Street rechannelization
- Transit/bike/walk corridor
- Delridge Way SW (West Seattle Bridge to SW Roxbury St)

Existing conditions

Delridge Way SW project area

- 4 miles of principal arterial
- 5+ feet of sidewalk on both sides
- Mix of bike lanes and sharrows
- Mix of unrestricted parking and prohibited parking areas
- Average daily traffic
 - 19,000 north end
 - 9,000 south end



King County Metro Route 120

- Connects South Lake Union, downtown Seattle, Delridge, White Center, and Burien
- 9,200 trips each weekday, 5,600 on Saturdays, and 3,900 on Sundays.
- Serves 80 bus stops

30% Design

SDOT Delridge Way SW Transit-Plus Multimodal Corridor

- Transit
- Bicycle
- Pedestrian
- Paving
- Parking
- Utilities



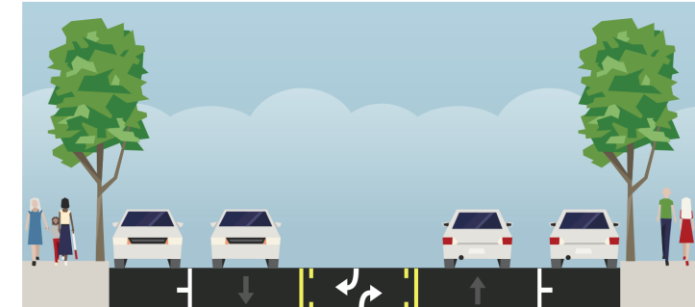
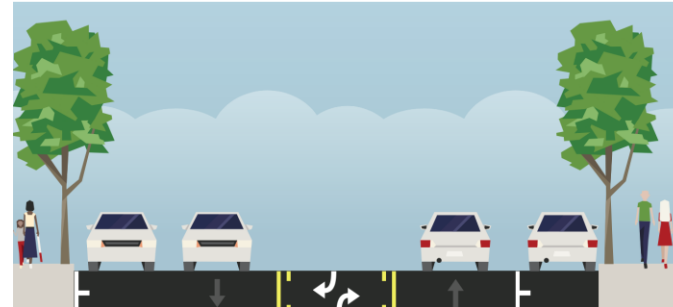
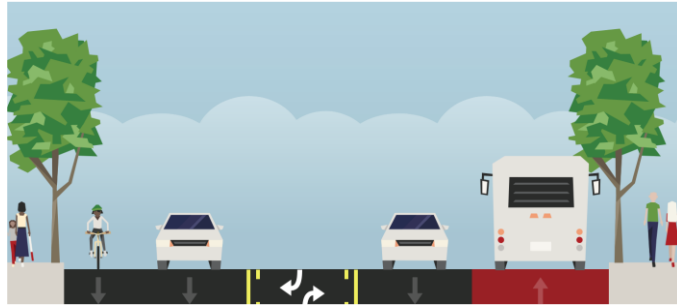
30% Design - Cross sections

Andover-Alaska

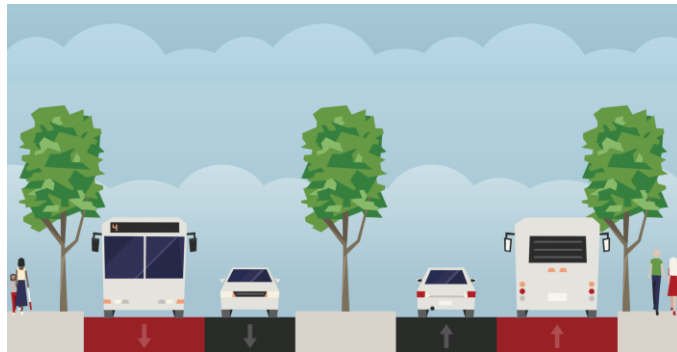
Alaska-23rd

23rd-Orchard

Existing



Proposed



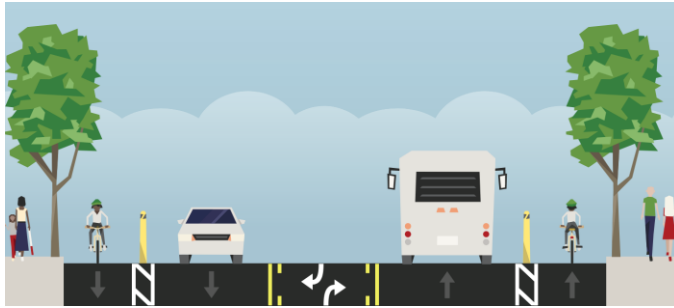
30% Design - Cross sections

Orchard-Holden

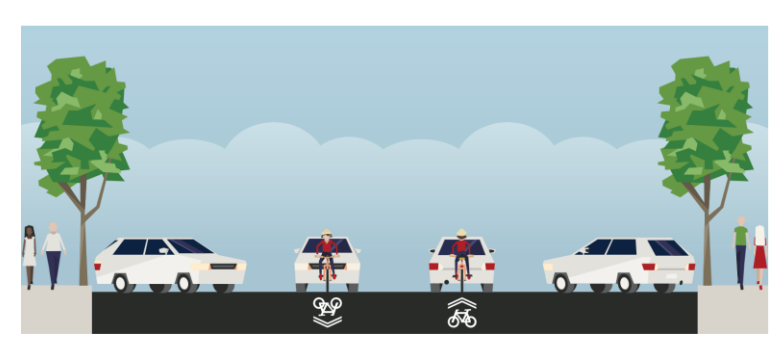
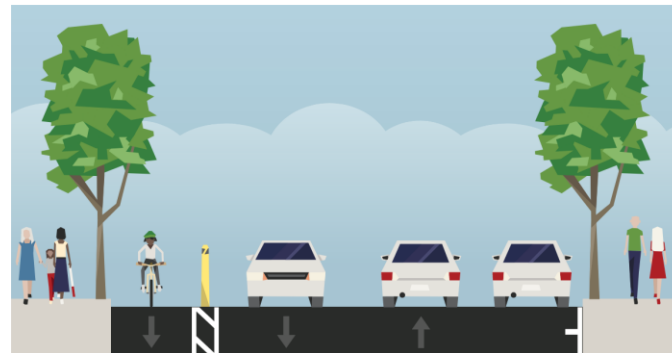
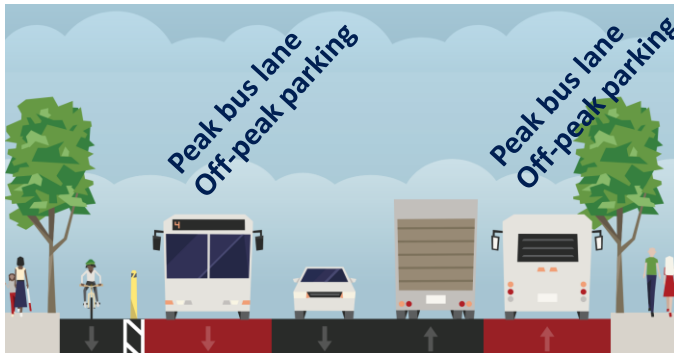
Holden-Cambridge

Cambridge-Roxbury

Existing



Proposed



Community engagement - fall 2018

What we heard	Status
Pave the street	Done: Included in project scope
Extend protected bike lane to SW Juneau St	Done: Included in design
Modify 17 th Ave SW neighborhood greenway toward: <ul style="list-style-type: none"> - 18th Ave SW to avoid staircase - 16th Ave SW for more direct route 	Done: Design complete, installation this year In-process: Evaluating design alternatives for 60% design decision
Install east-west neighborhood greenway to connect north-south neighborhood greenways	Done: Completed in 2018
Add additional marked crosswalks at: <ul style="list-style-type: none"> - SW Hudson St - SW Findlay St - SW Graham St 	Done: Included in design Done: Included in design Done: Included in design
Relocate new RapidRide station from SW Findlay St to SW Brandon St	In-process: Discussing with Metro for 60% design decision
Extend inbound bus lane south of SW Alaska St	In-process: Evaluating design alternatives for 60% design decision
Allow parking adjacent to Louisa Boren school	Done: Included in design
Allow night, weekend parking by Youngstown Cultural Center	In-process: Evaluating design alternatives for 60% design decision
Allow parking on west side in south end	Not included in design
Add traffic calming in White Center business district	In-process: Evaluating design alternatives for 60% design decision

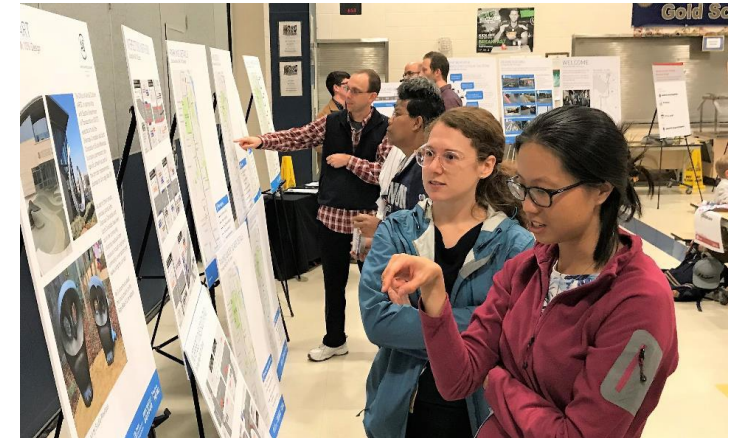
Stormwater code compliance

Status

- Original design of stormwater work required by Seattle Stormwater Code came in over budget
- Design team undertook value engineering process and recommended strategy to keep project within budget and comply with code

Strategy for compliance

- Use 30% value engineering recommendation of building off-site stormwater infrastructure to reduce cost and schedule impacts
- Complete an alternative compliance agreement with Seattle Public Utilities
- Limit paving scope to reduce cost and schedule impacts, coordinate with Sound Transit's future light rail station at Delridge



SDOT/Metro coordination

- Metro's funding contribution being developed as part of interagency agreement for 60% design milestone
- 30% cost estimates are subject to change based on design and market uncertainties
- SDOT is using \$15 million funding assumption as placeholder at 30% design milestone
- Metro has committed to September 2021 H Line service opening date
- Infrastructure work for paving and stormwater infrastructure upgrades could push current construction schedule into 2022
- SDOT and Metro have committed to coordinate community engagement work



Cost estimate, funding

30% cost estimate

Transit/multimodal	\$30.5 M
Paving	\$27.5 M
Stormwater	\$10-12 M
Total project cost estimate	\$68-70 million*

*Preliminary design costs assume implementation of value engineering stormwater compliance strategy

Funding

Move Seattle Levy: Transit/multimodal	\$9.5 M
Local vehicle license fee	\$0.3 M
Regional Mobility Grant	\$10 M
King County Metro	\$15 M**
Move Seattle Levy: Paving	\$38.5 M
Total Project Funding	\$73.3 million

*Currently under negotiation and subject to change

Next steps

Date	Activity/action
Spring 2019	60% design milestone, outreach
Spring 2019	Develop alternative compliance agreement with SPU
Spring 2019	Finalize SDOT/Metro funding and delivery agreement
Fall 2019	Final Design
2020	Construction begins
2021	Project complete – RapidRide H Line service begins

Questions?

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www.seattle.gov/transportation/delridgetransit

www.seattle.gov/transportation



Reference slides

Proposal

SDOT Delridge Way SW Transit-Plus Multimodal Corridor

Bicycle design details

- Improve bicycle connections and access to RapidRide stops; enhance bicyclist safety along the corridor
- Continuous all ages and abilities route for people biking from West Seattle Bridge Trail to White Center
- Add 2.1 miles of protected bike lanes
- Add 6 new neighborhood greenway connections between existing bike facility and new RapidRide stations
- Install new east-west neighborhood greenway connecting the two existing, north-south ones
- Remove segments of Delridge Way SW bike lane without connections



Proposal

SDOT Delridge Way SW Paving

- 10.1 lanes miles of new paving
- Pothole and spot repair
- Arterial Roadway Maintenance Levy funds
- Triggers stormwater code compliance
- Coordination with Sound Transit 3 planning of new Delridge light rail station



Proposal

King County Metro RapidRide H Line

- Buses will come more often and be more reliable (on-time)
- More service will be added at night and on weekends
- Bus stops upgraded with lighting, real-time arrival information, off-board ORCA card readers, and more.
- Low floor buses with three doors, air conditioning, wi-fi, automated 'next stop' display, improved interior design
- All RapidRide buses are accessible
- Connects South Lake Union, downtown Seattle, Delridge, White Center, and Burien

Community engagement

Fall 2018

- 10% design outreach push
- Mailing, open house, social media, online survey
- SDOT advisory board briefings (Transit, Pedestrian, Bike)

Equity approach

- Outreach subconsultants include The Vida Agency, G3 Associates, Rule 7, and Latina Creative bring expertise to the team
- In-language materials
- In-language, face-to-face meetings
- In-language social media posting, advertising
- In-language business discussions
- Language line available for staff

