

Modernize the Intersection of 16th Ave SW and SW Holden St

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Applicant Problem

There are no curb cuts for disability access and stroller access at the intersection and cars back up on 16th Ave SW when heading south and attempting to turn left onto SW Holden St. at the light.

Cars coming from SW Holden St heading south to 16th Ave SW get backed up on SW Holden at the light when trying to turn left onto 16th Ave SW. This causes increase in driver frustration which leads to speeding and an increase in accidents at the intersection.

Applicant Solution

- 1) Modernizing the signal and building accessible curb ramps at this intersection
- 2) Create left turn lanes and signals at 16th Ave SW onto SW Holden in both directions and coming south on SW Holden on 16th SW heading south add left turn lane and signal at the light

PROJECT TYPE

Intersection/Pedestrian Improvements

APPROXIMATE LENGTH

380 lf

COST ESTIMATE

\$875,300

SDOT CONTRIBUTION

\$150,000

NSF FUNDS REQUESTED

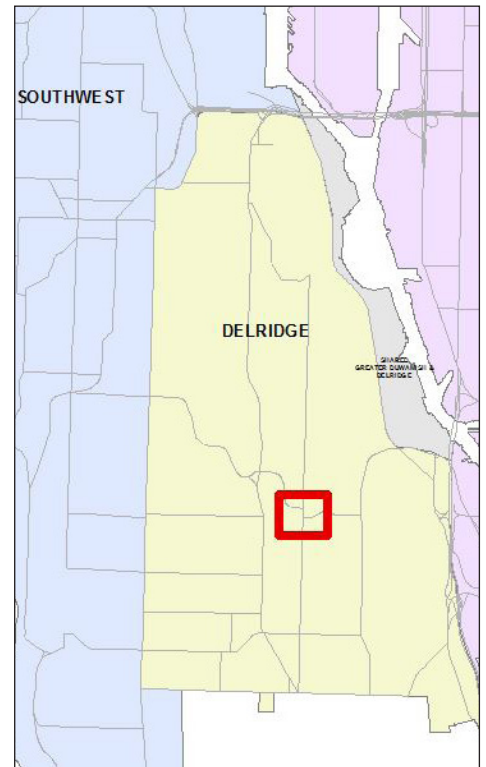
\$725,300



Looking north on 16th Ave SW south of SW Holden St



Looking southwest from the northeast corner of SW Holden St and 16th Ave SW



Seattle Department of Transportation (SDOT) Review

Project Description

SW Holden St east of the intersection and 16th Ave SW north of the intersection are both classified as principal arterial roadways. 16th Ave SW south of the intersection is classified as a minor arterial roadway. Both SW Holden St and 16th Ave SW have 2 thru lanes with on-street parking allowed on both sides of the roadway. SW Holden St east of the intersection has a left turn lane for vehicles turning to travel south on 16th Ave SW. North of the intersection on 16th Ave SW there is a separate striped bike lane and a transition to a left turn lane for vehicles turning onto SW Austin St. There are marked crosswalks at all sides of the intersection and a fire station at the northeast corner.

The following improvements are proposed at this location:

- Add ADA-compliant perpendicular curb ramps at all 4 corners of the intersection
- Upgrade all signal poles, signal heads, and pedestrian heads
- Install signal equipment with detection capabilities
- Add left turn pockets for northbound and southbound traffic on 16th Ave SW with a protected left turn phase for southbound traffic

This project includes leverage funding from the Vision Zero and Signal Major Maintenance programs.

Constructability

- Fire station access and operation (including nearby Fire Signal) must be maintained at the northeast corner of the intersection
- The northeast and southwest corners of the intersection may need to be extended into the intersection to fit ADA ramps and landings within the existing right of way

Impacts

- A utility pole may need to be relocated at the northwest corner of the intersection

Benefits

- Improved channelization/traffic flow at the intersection
- Added pedestrian accessibility

