



2019 Project Review Sheet (2020 Construction)

City Council District 1 (Ballot # 1C)

Project #	19-24
Project Title:	Pedestrian safety improvements
Location:	Neighborhood: Highland Park, 98106 Area: 16th Ave SW & SW Holden St., Highland Park, West Seattle

SDOT Contact Information

SDOT Reviewer Name: Christopher Faulkner

Reviewer Phone Number: (206) 386-4529

Review Date: August 5th, 2019

SDOT Project Summary

SDOT approves project

- Yes
- Yes, with revisions
- No

Comments: Given the limited budget of this program, SDOT recommends adding left-turn lanes for the northbound and southbound directions at 16th Avenue SW and SW Holden Street.

There is an opportunity to partner with another program:

- Yes
- No

Partnering Program: N/A

Total Project Cost: \$15,000



Solution and Comments:

This review has been completed for use in the 2019 Your Voice, Your Choice: Parks & Streets process.

The requested items to add left-turn signals, expand sidewalks and improve crosswalks exceed the funding limit for the Your Voice Your Choice program. Left-turn lanes could be added in the northbound and southbound directions with this program funding. The existing left-turn lane for the northbound direction at SW Austin Street may need modification depending upon additional queuing analysis with the addition of a southbound left turn lane at SW Holden Street.



Image:



YVYC 2019: Project 19-24, 16th Ave SW & SW Holden St., Highland Park, West Seattle



Information Provided by Community Members

Project Idea: Left Hand Turn Signals, Crosswalk improvements, and sidewalk expansion at the Intersection of 16th Ave SW & SW Holden St

Need for Project: Since 2004, there have been 93 recorded car accidents at this intersection with 39% of those accidents being drivers attempting to take a left hand turn at the signal. 39% of these collisions have resulted in serious injury (data from Seattle Open Data Transportation_SeattleCityGIS). In addition to car accidents, there have been 5 reported pedestrian accidents and 4 bicycle accidents involving cars at this intersection. 16th SW and SW Holden are arterials and are the main route to the 1st Ave S bridge, one of three exits off the peninsula. Cars backup 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 an increase in driver frustration which leads to speeding and an increase in accidents at the intersection.

Community Benefit from Project: Drivers, Bicyclists, and Pedestrians coming into and out of West Seattle and the Residents of Highland Park, Riverview, and South Delridge. Modernizing the signal and building accessible curb ramps at this intersection. Create left turn lanes & signals at 16th SW onto SW Holden in both directions and coming south on SW Holden onto 16th SW heading south add left turn lane and signal at the light. Widen the sidewalks so pedestrians and bicyclists can access for safety.



Risk Registry

SDOT Review	Drainage impacts	Constructability	Community process
Low	None	Low	Low

Cost Estimate

Design Phase	
Preliminary Engineering (Survey) Costs	\$0
Project Management Costs (City Labor)	\$0
Design Costs (Consultant Fees, if externally designed, internal labor otherwise)	\$2,500
Subtotal - Design Phase Costs	\$2,500
Design Contingency (10% of Design Phase Subtotal)	\$500
Total Design Phase Costs	\$3,000
Construction Phase	
Construction Costs (include urban forestry, signs & markings, traffic control, layout or construction staking as necessary)	\$22,000
Drainage Costs	\$0
Estimating Contingency (10-20%)	\$500
Subtotal - Construction Costs	\$22,500
Construction Management (10-25% of Construction Cost)	\$2,000
Construction Contingency (20%)	\$2,500
Total Construction Phase Costs	\$27,000
Total Project Cost = Total Design and Construction Phase Costs	\$30,000