



## 2019 Project Review Sheet (2020 Construction)

### City Council District 1 (Ballot # 1A)

<b>Project #</b>	19-3
<b>Project Title:</b>	Add crosswalk
<b>Location:</b>	Neighborhood: Admiral, 98116 Area: Intersection of SW Admiral Way and 44th Ave SW. Crosswalk would be north-south across SW Admiral Way.

### SDOT Contact Information

SDOT Reviewer Name: Andrew Merkley

Reviewer Phone Number: (206) 684-5102

Review Date: August 9<sup>th</sup>, 2019

### SDOT Project Summary

SDOT approves project

- Yes
- Yes, with revisions
- No

Comments: The traffic data supports installing a Rapid Rectangular Flashing Beacon (RRFB) on the east leg. SDOT also recommends building a curb bulb with ADA curb ramps on the northeast corner of 44<sup>th</sup> Avenue SW and SW Admiral Way.

There is an opportunity to partner with another program:

- Yes
- No

Partnering Program: Safe Routes To School program

**Total Project Cost: \$120,000**

YVYC 2019: Project 19-3, Intersection of SW Admiral Way and 44th Ave SW.  
Crosswalk would be north-south across SW Admiral Way.



### **Solution and Comments:**

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

Traffic volume and pedestrian crossing data was collected at two intersections in the vicinity of the requested crossing: 44<sup>th</sup> Ave SW and 45<sup>th</sup> Ave SW at SW Admiral Way. The combined pedestrian crossings of both east and west legs of both intersections were used when comparing to SDOT's guidelines for installing enhanced crosswalks or geometric pedestrian improvements.

The results of the analysis show the combined pedestrian volumes and characteristics of SW Admiral Way warranting an activated beacon and geometric enhancements for a school crossing.

Due to some of the unique elements of the street network in the area, as well as the layout and access points of the Lafayette Elementary School, a primary pedestrian trip generator, it is recommended that an RRFB installed on the east leg of 45<sup>th</sup> Ave SW & SW Admiral Way, with a curb bulb on the northeast corner of the intersection, including upgraded ADA ramps.

Additional reasons for the recommendation include:

- 45<sup>th</sup> Ave SW is closer in proximity to the eastbound bus stop servicing Routes 50, 56, and 57;
- 45<sup>th</sup> Ave SW is further from the westbound lane merge, which simplifies traffic operations and predictability;
- 45<sup>th</sup> Ave SW experiences far fewer turning movements than 44<sup>th</sup> Ave SW;
- 45<sup>th</sup> Ave SW provides a more evenly spaced crossing between the existing signalized crossings at 47<sup>th</sup> Ave SW and California Ave SW, serving more of the residential neighborhood demand;
- The Lafayette Elementary School playground can be accessed from 45<sup>th</sup> Ave SW in addition to 44<sup>th</sup> Ave SW.

YVYC 2019: Project 19-3, Intersection of SW Admiral Way and 44th Ave SW.  
Crosswalk would be north-south across SW Admiral Way.



Image:



YYC 2019: Project 19-3, Intersection of SW Admiral Way and 44th Ave SW. Crosswalk would be north-south across SW Admiral Way.



## Information Provided by Community Members

---

**Project Idea:** A marked pedestrian crosswalk at SW Admiral Way and 44th Ave SW for students, parents, and residents walking to/from Lafayette Elementary School

**Need for Project:** Lafayette Elementary draws students, parents, and residents from all over the North Admiral neighborhood for school days, school events, and playground usage. Crossing SW Admiral Way at 44th Ave SW is often a very tricky proposition given traffic in the area and recent lane changes. A crosswalk would allow for the safe travel and crossing of students, parents, and residents who go to the school and who walk the neighborhood (the neighborhood is very walkable).

**Community Benefit from Project:** West Seattle residents of North Admiral and the Alki area, including Lafayette Elementary School students, their parents, and neighbors/residents that live, work, and recreate in the area.

YVYC 2019: Project 19-3, Intersection of SW Admiral Way and 44th Ave SW.  
Crosswalk would be north-south across SW Admiral Way.



### Risk Registry

SDOT Review	Drainage impacts	Constructability	Community process
Medium	Medium	Medium	Low

### Cost Estimate

<b>Design Phase</b>	
Preliminary Engineering (Survey) Costs	\$0
Project Management Costs (City Labor)	\$8,000
Design Costs (Consultant Fees, if externally designed, internal labor otherwise)	\$10,000
<b>Subtotal - Design Phase Costs</b>	\$18,000
Design Contingency (10% of Design Phase Subtotal)	\$2,000
<b>Total Design Phase Costs</b>	\$20,000
<b>Construction Phase</b>	
Construction Costs (include urban forestry, signs & markings, traffic control, layout or construction staking as necessary)	\$73,000
Drainage Costs	\$7,000
Estimating Contingency (10-20%)	\$5,000
<b>Subtotal - Construction Costs</b>	\$85,000
Construction Management (10-25% of Construction Cost)	\$5,000
Construction Contingency (20%)	\$10,000
<b>Total Construction Phase Costs</b>	\$100,000
<b>Total Project Cost = Total Design and Construction Phase Costs</b>	\$120,000

YVYC 2019: Project 19-3, Intersection of SW Admiral Way and 44th Ave SW. Crosswalk would be north-south across SW Admiral Way.