



2019 Project Review Sheet (2020 Construction)

City Council District 1 (Ballot # 1J)

Project #	19-40
Project Title:	Pedestrian lighting
Location:	Neighborhood: West Seattle Junction, 98116
	Area: corner of 39th Ave sw and sw Oregon

SDOT Contact Information

SDOT Reviewer Name: John Marek
Reviewer Phone Number: (206) 684-5069
Review Date: August 9th, 2019

SDOT Project Summary

SDOT approves project

- Yes
- Yes, with revisions
- No

Comments: Based on the stated project need for improving visibility for pedestrians and with two existing streetlights on the north side of the intersection, SDOT reviewed this location for pedestrian crossing enhancements as an alternate to additional street lighting. SDOT would support the installation of post and painted curb bulbs at all four corners.

There is an opportunity to partner with another program:

- Yes
- No

Partnering Program: None identified at this time but there does appear to be EV charging station project that is scheduled for this year at this location. Will continue to explore coordination opportunities with this project.

Total Project Cost: \$45,000

YVYC 2019: Project 19-40, corner of 39th Ave sw and sw Oregon



Solution and Comments:

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

SW Oregon St at 39th Ave SW is a minor arterial with a speed limit of 30 mph. While the request is for pedestrian lighting, there are two existing streetlights on the north side of SW Oregon St on the northwest and northeast corners extending over SW Oregon St.

Based on the description of need for this project and with the existing streetlights in place, SDOT reviewed this project for possible alternative improvements that would encourage drivers to stop and enhance the unmarked pedestrian crossing.

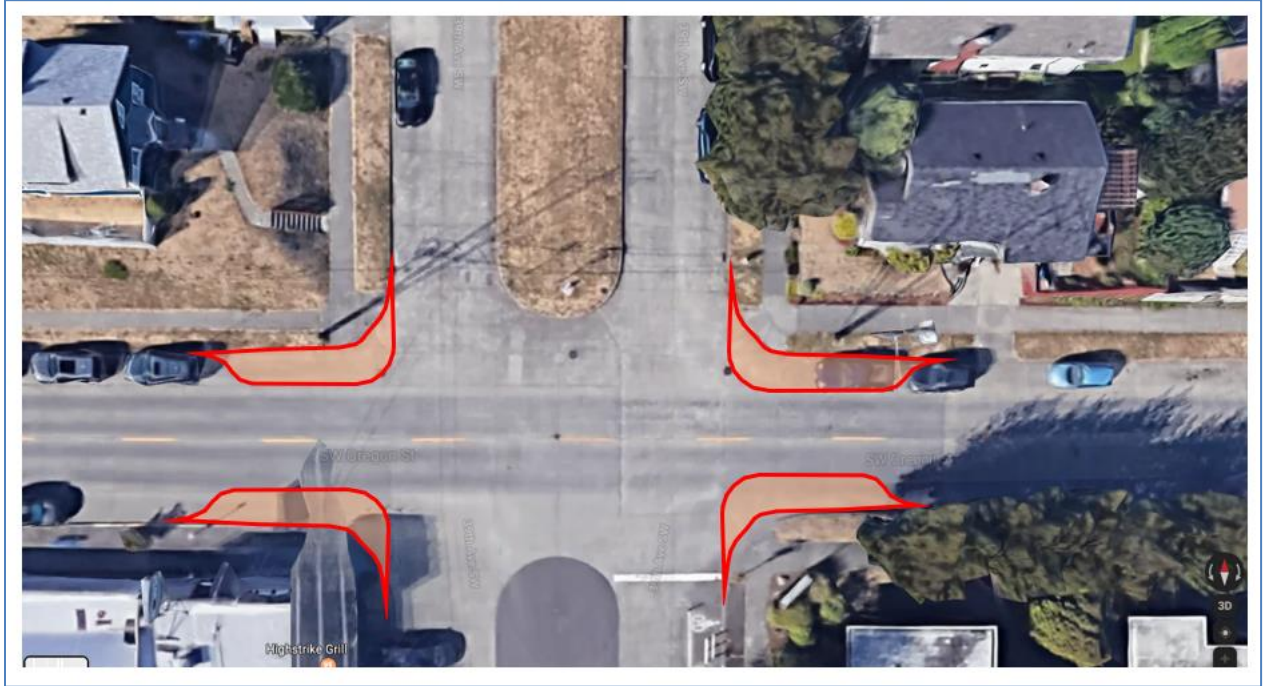
Currently there is not a marked crosswalk at this location. SDOT has previously reviewed this location and determined a marked crossing was not appropriate at that time. Additional study is needed to determine if conditions have changed to support a marked crossing. Updated vehicle and pedestrian counts have not yet been received to complete that evaluation; however, SDOT evaluated the location to identify any additional improvements that could improve the crossing whether or not it is marked,

SW Oregon St widens slightly as it passes through 39th Ave SW. The street width is 36.5' on the west side of the intersection and 32.5' on the east side. Parking is permitted at all times along the north and south sides of SW Oregon St but is restricted within approximately 25' on the approach on all corners except the north east corner.

While parking is restricted on the approach to the intersection, installation of curb bulbs extending into SW Oregon St could help shorten the pedestrian crossing and help improve visibility of pedestrians attempting to cross which may encourage drivers to stop for pedestrians. Considering the approaching grade of the street and the changing width of the street, SDOT would support installation of curb bulbs on all four corners. Because cost of concrete curb bulbs (approximately \$40,000 per bulb – total \$160,000) would exceed the construction limits of this program, SDOT would support installation of painted curb bulbs and flexible posts to construct the bulbs.



Image:



YVYC 2019: Project 19-40, corner of 39th Ave sw and sw Oregon



Information Provided by Community Members

Project Idea: Pedestrian lighting at corner of 39th Ave sw and sw Oregon

Need for Project: Cars don't stop for pedestrians and may not see them at this busy intersection

Community Benefit from Project: Pedestrians in west Seattle



Risk Registry

SDOT Review	Drainage impacts	Constructability	Community process
Med	Low	Low	High

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)	\$3,000
Subtotal - Design Phase Costs	\$3,000
Design Contingency (10% of Design Phase Subtotal)	\$300
Total Design Phase Costs	\$3,300
Construction Phase	
Construction Costs (include urban forestry, signs & markings, traffic control, layout or construction staking as necessary)	\$30,000
Drainage Costs	\$0
Estimating Contingency (10-20%)	\$4,500
Subtotal - Construction Costs	\$34,500
Construction Management (10-25% of Construction Cost)	\$3,450
Construction Contingency (20%)	\$3,750
Total Construction Phase Costs	\$41,700
Total Project Cost = Total Design and Construction Phase Costs	\$45,000