



## 2019 Project Review Sheet (2020 Construction)

### City Council District 2 (Ballot # 2E)

<b>Project #</b>	19-94
<b>Project Title:</b>	Traffic calming
<b>Location:</b>	Neighborhood: Rainier Beach, 98118 Area: The steep hill on Waters Ave S (from Waters Ave S. and S. Pilgrim St. to Waters Ave S. and 57th Ave S.)

### SDOT Contact Information

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SDOT Reviewer Name: Venu Nemani  
Reviewer Phone Number: (206) 733-9643  
Review Date: August 7<sup>th</sup>, 2019

### SDOT Project Summary

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SDOT approves project

- Yes
- Yes, with revisions
- No

Comments: Based upon recent traffic data, SDOT recommends the installation of speed cushions.

There is an opportunity to partner with another program:

- Yes
- No

Partnering Program: Safe Routes to School program

**Total Project Cost: \$35,000**

YVYC 2019: Project 19-94, The steep hill on Waters Ave S (from Waters Ave S. and S. Pilgrim St. to Waters Ave S. and 57th Ave S.)



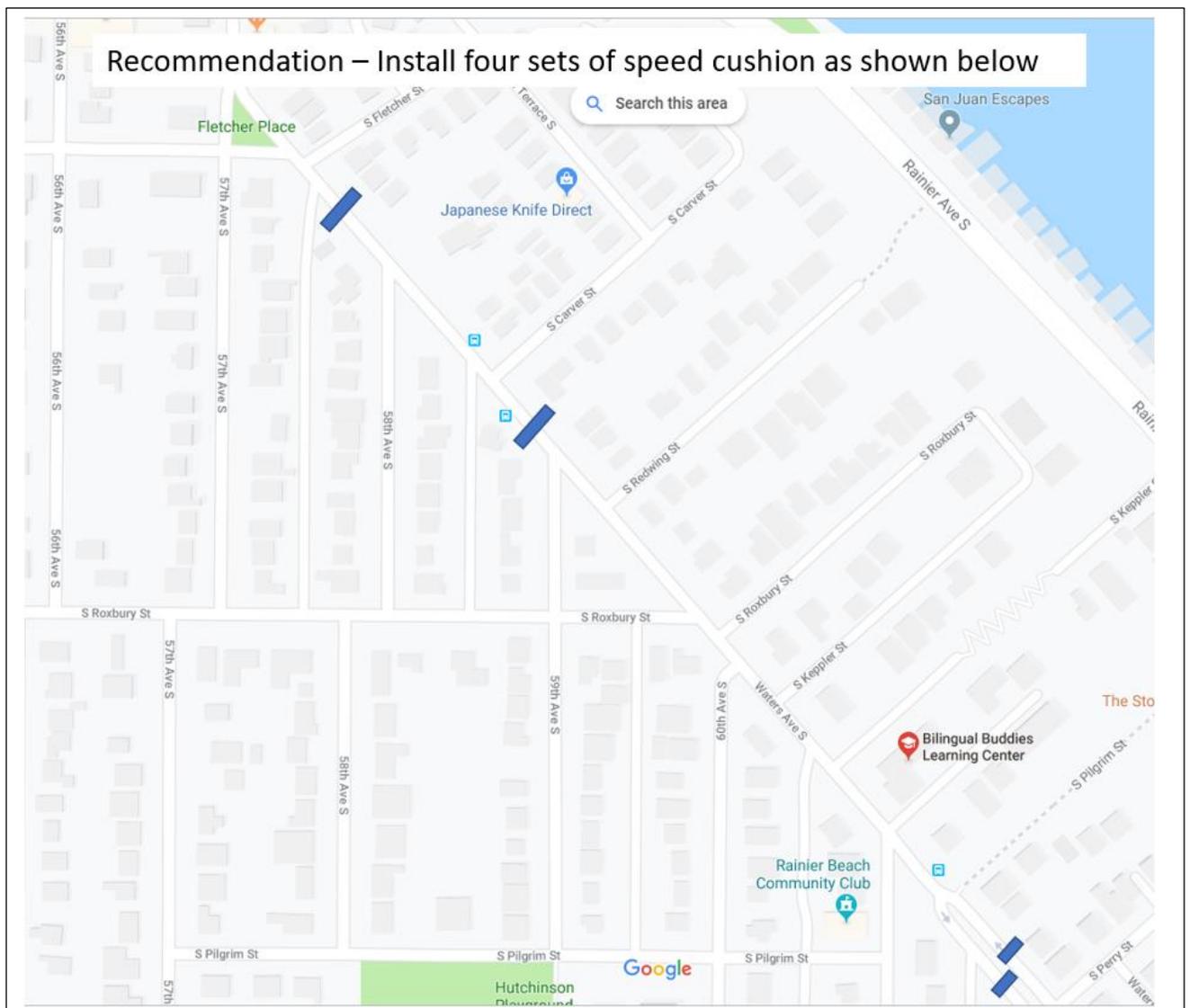
**Solution and Comments:**

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

Speed data collected on Waters Ave S, just south of the subject limits - in the non-arterial section, show 85<sup>th</sup> % speeds of 32mph in the southbound direction and 29mph in the northbound direction.

This review recommends three sets of speed cushions on Waters Ave S between 57<sup>th</sup> Ave S and S Perry St.

**Image:**



YVYC 2019: Project 19-94, The steep hill on Waters Ave S (from Waters Ave S. and S. Pilgrim St. to Waters Ave S. and 57th Ave S.)



## Information Provided by Community Members

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**Project Idea:** Traffic calming on Waters Ave S and the addition of crosswalk beacons to the existing crosswalks

**Need for Project:** Drivers speed on this steep hill and often drive through the crosswalks. Traffic calming devices such as speed humps and/or radar speed signs will help slow traffic. The addition of the crosswalk beacons to the two existing crosswalks will increase pedestrian safety.

**Community Benefit from Project:** Pedestrians, Emerson Elementary students, citizens of the Rainier Beach Community

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### Risk Registry

SDOT Review	Drainage impacts	Constructability	Community process
Medium	Medium	Medium	Medium

### Cost Estimate

<b>Design Phase</b>	
Preliminary Engineering (Survey) Costs	\$0
Project Management Costs (City Labor)	\$100
Design Costs (Consultant Fees, if externally designed, internal labor otherwise)	\$3,400
<b>Subtotal - Design Phase Costs</b>	\$3,500
Design Contingency (10% of Design Phase Subtotal)	\$500
<b>Total Design Phase Costs</b>	\$4,000
<b>Construction Phase</b>	
Construction Costs (include urban forestry, signs & markings, traffic control, layout or construction staking as necessary)	\$21,000
Drainage Costs	\$0
Estimating Contingency (10-20%)	\$2,000
<b>Subtotal - Construction Costs</b>	\$23,000
Construction Management (10-25% of Construction Cost)	\$3,000
Construction Contingency (20%)	\$5,000
<b>Total Construction Phase Costs</b>	\$31,000
<b>Total Project Cost = Total Design and Construction Phase Costs</b>	\$35,000

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