2019 Project Review Sheet (2020 Construction)

City Council District 2 (Ballot # 2D)

Project #	19-87
Project Title:	Traffic calming
Location:	Neighborhood: Rainier Beach, 98118 Area: 3 speed humps on Waters Ave South, southbound between 63rd Ave S and S Thayer St., and 2 speed humps on Waters Ave S., northbound between 64th Ave S and S Thayer St.

SDOT Contact Information

SDOT Reviewer Name: Ashley Rhead

Reviewer Phone Number: (206) 674-7577

Review Date: August 5th, 2019

SDOT Project Summary

SDOT approves project

- ☒ Yes
- ☐ Yes, with revisions
- ☐ No

Comments: SDOT recommends speed humps for this section of Waters Avenue S and adding speed limit signs where it transitions from an arterial to non-arterial.

There is an opportunity to partner with another program:

- ☐ Yes
- ☒ No

Partnering Program: N/A

Total Project Cost: $36,100

YVYC 2019: Project 19-87, 3 speed humps on Waters Ave South, southbound between 63rd Ave S and S Thayer St., and 2 speed humps on Waters Ave S., northbound between 64th Ave S and S Thayer St.

YVYC 2019: Project 19-87, 3 speed humps on Waters Ave South, southbound between 63rd Ave S and S Thayer St., and 2 speed humps on Waters Ave S., northbound between 64th Ave S and S Thayer St.

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

Waters Ave S transitions from arterial to non-arterial at 64th Ave S. The non-arterial section of Waters Ave S is a non-arterial fire route used by the Seattle Fire Department.

Speed data collected on Waters Ave S in the non-arterial section show 85th % speeds of 32mph in the southbound direction and 29mph in the northbound direction.

This review recommends speed cushions on Waters Ave S between 64th Ave S and S Thayer St, and speed limit signs where the arterial transitions to a non-arterial.

YVYC 2019: Project 19-87, 3 speed humps on Waters Ave South, southbound between 63rd Ave S and S Thayer St., and 2 speed humps on Waters Ave S., northbound between 64th Ave S and S Thayer St.

Image:

YVYC 2019: Project 19-87, 3 speed humps on Waters Ave South, southbound between 63rd Ave S and S Thayer St., and 2 speed humps on Waters Ave S., northbound between 64th Ave S and S Thayer St.

Information Provided by Community Members

Project Idea: Install five traffic calming speed humps along Waters Ave S

Need for Project: Waters Ave S is currently a very dangerous street because of the speed cars are traveling. This street attracts cars, bicyclists and walkers throughout the day and night because it is the only level road that traverses all the way across South Upper Rainier Beach hill. Unfortunately, the cars that drive on the road go very fast. In addition to the road being level and straight, it also has very few cross streets and a long field of view. This seems to make drivers feel like they can drive extra fast as a result of seeing fewer obstacles. Even though it's a residential street, the cars drive on it like it's a thoroughfare. I borrowed a radar gun from a local community center to see exactly the speed cars are driving in front of my house on Waters Ave S. I recorded cars over three days and at different times of the day. On average, cars are driving 30 MPH. That is 50% faster than the 20 MPH legal speed limit (see data below). I think this is critically dangerous and fear something bad is going to happen soon as a result. Here is why. The road is somewhat narrow in each direction and the cars that park on the street must drive up on the curb to try to avoid being hit by the speeding traffic. These parked cars create blind spots so pedestrians and cars pulling out of their drive way can't see the fast approaching vehicles. My wife and I have had many instances of close calls as we are backing out of our driveway. The cars are simply coming down the road too fast to see them in time.

Community Benefit from Project: The beneficiaries of this traffic calming project include all the residents living along Waters Ave S as well as the dozens of daily users of this street as their primary walking, bicycling routes. We have many new families in the neighborhood. Children and pets are increasingly walking along Waters Ave S as a result. During the same time period of tracking speeds with the radar gun, I also counted on average 9 pedestrians per hour walking along our street. Half had dogs and a third had children. I counted one bicyclists per hour. There is also a church on our street and bus stops that attract pedestrians to cross this dangerous road.

YVYC 2019: Project 19-87, 3 speed humps on Waters Ave South, southbound between 63rd Ave S and S Thayer St., and 2 speed humps on Waters Ave S., northbound between 64th Ave S and S Thayer St.

Risk Registry

SDOT Review	Drainage impacts	Constructability	Community process
Low	Low	Low	Low

Cost Estimate

Design Phase	
Preliminary Engineering (Survey) Costs	$0
Project Management Costs (City Labor)	$500
Design Costs (Consultant Fees, if externally designed, internal labor otherwise)	$1,000
Subtotal – Design Phase Costs	$1,500
Design Contingency (10% of Design Phase Subtotal)	$150
Total Design Phase Costs	$1,650
Construction Phase	
Construction Costs (include urban forestry, signs & markings, traffic control, layout or construction staking as necessary)	$26,000
Drainage Costs	$0
Estimating Contingency (10-20%)	$500
Subtotal – Construction Costs	$26,500
Construction Management (10-25% of Construction Cost)	$6,625
Construction Contingency (20%)	$1,325
Total Construction Phase Costs	$34,450
Total Project Cost = Total Design and Construction Phase Costs	$36,100

YVYC 2019: Project 19-87, 3 speed humps on Waters Ave South, southbound between 63rd Ave S and S Thayer St., and 2 speed humps on Waters Ave S., northbound between 64th Ave S and S Thayer St.