2019 Project Review Sheet (2020 Construction)

City Council District 5

Project #	19-180
Project Title:	Flashing beacon and cross walk
Location:	Neighborhood: Lake City, 98125 Area: Sand Point Way NE and NE 123rd Street

SDOT Contact Information

SDOT Reviewer Name: Oli Frenchowicz

Reviewer Phone Number: (206) 684-0813

Review Date: August 6th, 2019

SDOT Project Summary

SDOT approves project

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

Comments: Recently collected traffic data currently does not support marking a crosswalk or installing rectangular rapid flashing beacons (RRFBs) at this location. Currently there are several projects are planned in this vicinity that will contribute to the pedestrian environment.

There is an opportunity to partner with another program:

- ☐ Yes
- ☒ No

Partnering Program: N/A

Total Project Cost: $0

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

Sand Point Way NE is a minor arterial with an average weekday vehicle volume of 12,000 vehicles per day. Speeds were found to be near 36.2 MPH. The posted speed is 30 MPH.

Peak pedestrian crossing volumes at Sand Point Way NE at NE 123rd St were relatively low and further crossing improvements are not warranted. A Rectangular Rapid Flashing Beacon is not recommended.

There are several planned projects near Sand Point Way NE near NE 123rd St that may improve the pedestrian experience at the intersection. Radar feedback speed signs are planned for installation to actively warn drivers of their speed. Concrete work is scheduled for the SW corner of Sand Point Way NE and NE 123rd St to help formalize the intersection and provide more pedestrian space. Improvements to the northbound bus stop on the east side of Sand Point Way NE, north of NE 123rd St are also being considered.

SDOT recommends collecting pedestrian and vehicle data in the future to determine if crossing improvements would be warranted.


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YOUR CHOICE!
PARKS
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Seattle
Neighborhoods

Image:

Information Provided by Community Members

Project Idea: Flashing beacon and cross walk

Need for Project: Public safety: Heavily used roads, lots of pedestrians, with busy bus stops both directions on Sand Point Way

Community Benefit from Project: Residents and others in the neighborhood

Risk Registry

SDOT Review	Drainage impacts	Constructability	Community process

Cost Estimate

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