



2019 Project Review Sheet (2020 Construction)

City Council District 5 (Ballot # 5D)

Project #	19-184
Project Title:	Add crosswalk
Location:	Neighborhood: Lake City, 98125 Area: 123rd St and 35th Ave NE

SDOT Contact Information

SDOT Reviewer Name: Ricky Garcia/Thea Foulk

Reviewer Phone Number: (206) 684-0329

Review Date: July 9th, 2019

SDOT Project Summary

SDOT approves project

- Yes
- Yes, with revisions
- No

Comments: No action is recommended because the intersections do not meet the minimum pedestrian volume for marked crosswalks. However, SDOT does recommend the installation of painted curb bulbs to shorten the crossing distance and to improve visibility.

There is an opportunity to partner with another program:

- Yes
- No

Partnering Program: N/A

Total Project Cost: \$ 17,600



Solution and Comments:

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

35th Ave NE is a Minor arterial with a speed limit posted at 30 mph. The street is 44' wide with parking allowed on both sides of the street. The travel lanes are effectively 15-feet wide.

SDOT conducted a speed and volume study in summer, 2019 that showed the following:

- Northbound all day 85th percentile speed 34.7 mph
- Southbound all day 85th percentile speed 34.7 mph
- Daily traffic volume 10,815 vehicles
- Pedestrian crossings: 15 in one hour
- No recorded pedestrian related collisions

The intersection does not meet the requirements for a crosswalk or RRFB. However, it's suggested that painted curb bulbs are installed to increase visibility for pedestrians and vehicles, as well as tree trimming. The curb-bulbs will shorten the effective crossing distance. There are two locations that the curb bulbs can be installed. One is on the East side of 35th Ave NE N/o NE 123rd St and the other on the West side of 35th Ave NE south of NE 123rd St. The other two corners have bus stops and therefore curb bulbs can not be installed. The tree on the West side of 35th Ave NE S/o NE 123rd St should be trimmed.



Image:



YVYC 2019: Project 19-184, 123rd St and 35th Ave NE



Information Provided by Community Members

Project Idea: Crosswalk with lights at 123rd and 35th Ave NE

Need for Project: High traffic area and no way for pedestrians to safely cross 35th Ave NE.

Community Benefit from Project: Commuters who take busses on Lake City way, kids walking to various area schools, cyclists trying to cross 35th, old people trying to go shopping in Lake City



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)	\$1,000
Design Costs (Consultant Fees, if externally designed, internal labor otherwise)	\$2,000
Subtotal - Design Phase Costs	\$3,000
Design Contingency (10% of Design Phase Subtotal)	\$3,300
Total Design Phase Costs	\$3,300
Construction Phase	
Construction Costs (include urban forestry, signs & markings, traffic control, layout or construction staking as necessary)	\$10,000
Drainage Costs	\$0
Estimating Contingency (10-20%)	\$1,000
Subtotal - Construction Costs	\$11,000
Construction Management (10-25% of Construction Cost)	\$1,100
Construction Contingency (20%)	\$2,200
Total Construction Phase Costs	\$14,300
Total Project Cost = Total Design and Construction Phase Costs	\$17,600