



2019 Project Review Sheet (2020 Construction)

City Council District 4 (Ballot # 4A)

Project #	19-158
Project Title:	Add crosswalk
Location:	Neighborhood: Fremont, 98103 Area: The intersection of N 35th St and Troll Ave N.

SDOT Contact Information

SDOT Reviewer Name: Ricky Garcia/Thea Foulk

Reviewer Phone Number: 206-684-0329

Review Date: 8/1/2019

SDOT Project Summary

SDOT approves project

- Yes
- Yes, with revisions
- No

Comments: Crosswalk installation is recommended at this location based on the Marked Crosswalk Review Guidelines.

There is an opportunity to partner with another program:

- Yes
- No

Partnering Program: N/A

Total Project Cost: \$77,700

YVYC 2019: Project 19-158, The intersection of N 35th St and Troll Ave N.



Solution and Comments:

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

N 35th St is a Collector Arterial with a speed limit posted at 30 mph. The street is 40' wide with parking allowed on both sides of the street. The travel lanes are effectively 13-foot wide.

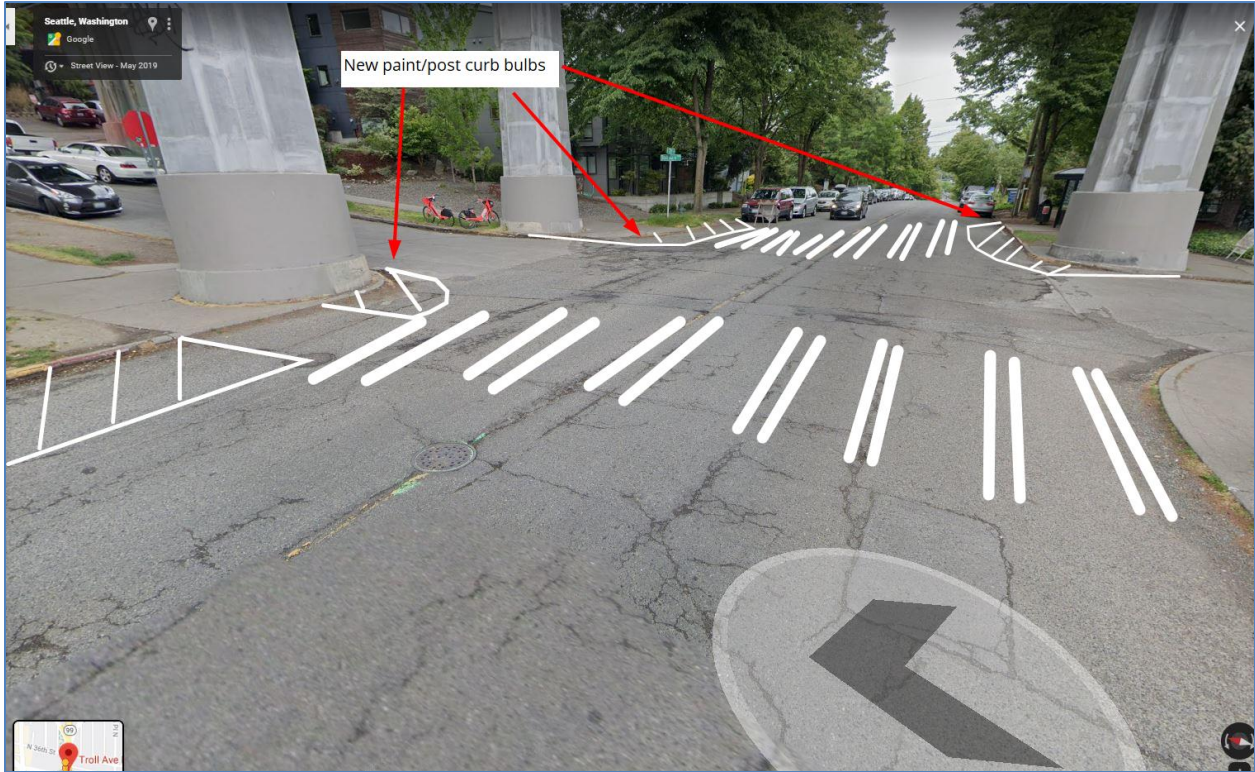
SDOT conducted a speed and volume study in summer, 2019 that showed the following:

- Eastbound all day 85th percentile speed 27.2 mph
- Westbound all day 85th percentile speed 27.2 mph
- Daily traffic volume 7,968 vehicles
- Pedestrian crossings: 117 in one hour (West Crossing), >30 for two hours (east crossing)

It is suggested to install a ladder-style crosswalk with high visibility, ped warning signs at this intersection. SDOT recommends installing painted curb bulbs to promote pedestrian visibility around bridge pylons. Will require relocation of bus stops with new bus pads.



Image:



YVYC 2019: Project 19-158, The intersection of N 35th St and Troll Ave N.



Information Provided by Community Members

Project Idea: Crosswalk at the intersection of N 35th St and Troll Ave N.

Need for Project: This area under the Aurora bridge has a lot of foot- and vehicle-traffic in the warm months, with little visibility for drivers to avoid accidents pedestrians.

Community Benefit from Project: Patrons of the Fremont Troll landmark, persons using the nearby bus stop and library.



Risk Registry

SDOT Review	Drainage impacts	Constructability	Community process
Medium	Low	Medium	Low

Cost Estimate

Design Phase	
Preliminary Engineering (Survey) Costs	\$0
Project Management Costs (City Labor)	\$2,000
Design Costs (Consultant Fees, if externally designed, internal labor otherwise)	\$5,000
Subtotal - Design Phase Costs	\$7,000
Design Contingency (10% of Design Phase Subtotal)	\$700
Total Design Phase Costs	\$7,700
Construction Phase	
Construction Costs (include urban forestry, signs & markings, traffic control, layout or construction staking as necessary)	\$50,000
Drainage Costs	\$0
Estimating Contingency (10-20%)	\$5,000
Subtotal - Construction Costs	\$55,000
Construction Management (10-25% of Construction Cost)	\$5,000
Construction Contingency (20%)	\$10,000
Total Construction Phase Costs	\$70,000
Total Project Cost = Total Design and Construction Phase Costs	\$77,700