



2019 Project Review Sheet (2020 Construction)

City Council District 7

Project #	19-291
Project Title:	Install pedestrian signals
Location:	Neighborhood: Pioneer Square, 98104 Area: The southeast, southwest, northeast, and northwest corners of Yesler Way and 1st Ave S (in Pioneer Square).

SDOT Contact Information

SDOT Reviewer Name: Dodd Pharis
Reviewer Phone Number: 206-684-5105
Review Date: July 31st, 2019

SDOT Project Summary

SDOT approves project

- Yes
- Yes, with revisions
- No

Comments: This signal has corroded conduits in the areaway for the signal cabinet foundation and pole foundations, damaged conduit street crossings, capacity issues in existing concrete poles prohibiting any new wiring, and pole foundations in areaways. These issues will require a substantial investment to allow for the installation of pedestrian heads and/or APS pushbuttons. A rough estimate could be \$300k-\$400k, with the potential to go even higher with structural work in the areaways. There is a possibility for partnership with the proposed City Center Connector Streetcar project to address some of the infrastructure shortcomings.

There is an opportunity to partner with another program:

- Yes
- No

Partnering Program: N/A

YVYC 2019: Project 19-291, The southeast, southwest, northeast, and northwest corners of Yesler Way and 1st Ave S (in Pioneer Square).



Total Project Cost: \$0

Solution and Comments:

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

YVYC 2019: Project 19-291, The southeast, southwest, northeast, and northwest corners of Yesler Way and 1st Ave S (in Pioneer Square).



Image:

YVYC 2019: Project 19-291, The southeast, southwest, northeast, and northwest corners of Yesler Way and 1st Ave S (in Pioneer Square).



Information Provided by Community Members

Project Idea: Install pedestrian signals (with a countdown and audible signal) for all crossings at 1st Ave S and Yesler Way. Currently, there are no pedestrian crossing lights at this intersection. Pedestrians have to reference vehicle traffic lights to know when to cross or not cross.

Need for Project: This busy, high traffic intersection has some of the highest pedestrian counts in the city, yet has no pedestrian signals. Whenever pedestrians come to the intersection, it is unclear that they must watch the traffic lights to know when to cross the street. On many occasions, when pedestrians end up in the intersection, the light turns yellow, then red before they safely cross this street. This is a dangerous condition, especially for those with disabilities, or simply need more time to cross the street. Multiple, large neighborhood tour groups use this intersection daily. Pedestrian volumes will only increase with future connections to the waterfront, ferries and Center City Connector streetcar.

Community Benefit from Project: This project would benefit anyone and everyone in Pioneer Square; tourists exploring the neighborhood's history, sports fans headed to games, residents of the city headed for dinner, employees from the neighborhood, commuters from the ferries, the elderly, people with disabilities, and people experiencing homelessness.

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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	\$

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