



2018 Project Review Sheet (2019 Construction)

City Council District 7

Ballot #7B

Project #	18-749
Project Title:	Crossing Improvements & Traffic Calming on 10th Avenue West and Olympic Way West
Location:	Intersection of 10th Avenue West and Olympic Way West on Queen Anne

SDOT Project Summary

SDOT approves project

- Yes
- Yes, with revisions
- No

Comments: Conceptually, SDOT approves civil improvements for a concrete curb bulb on the southwest side of 10 Ave W and Olympic Way W and a paint and post curb bulb on the northeast side of the curve, if budget allows.

There is an opportunity to partner with another program:

- Yes
- No

Partnering Program: N/A

Total Project Cost: \$ 89,000



Solution and Comments:

This review has been completed for use in the 2018 Your Voice, Your Choice: Parks & Streets process.

The concrete curb bulb on the southwest side of the curve should not prohibit the construction of future bike facilities along the corridor. The Bike Master Plan (BMP) has identified 10th Ave W and Olympic Way W on lower Queen Anne for protected bike lanes (PBL). Therefore, the current roadway width along this route should be maintained for future needs. During the design and review process it will be determined if additional drainage will be required on the west side of 10th Ave W to install an additional inlet to capture water. If additional drainage is not needed for the curb bulb this could leave enough funding available for the painted curb bulb on the northeast side of the curve could be done as part of this project. It was determined that a painted curb bulb with posts on the northeast side of the curve would be permitted since this would provide additional traffic calming to the current crosshatched barrier area that exists on this side, but would also be temporary and easily removed for if/when bike facilities are installed along 10th Ave W / Olympic Way W.

Pedestrian curb ramp(s) would be installed in the new concrete curb bulb as part of this project. At this time, based on the low pedestrian crossing volumes crossing 10th Ave W and Olympic Way W a marked crosswalk would not be installed with this project.

Image:



Figure 1: Proposed Improvements



Information Provided by Community Members

Project Idea: Recapture space at the intersection of 10th Avenue West and Olympic Way West using concrete or paint and posts.

Need for Project: There have been numerous car crashes at this spot. Reclaiming space here for pedestrians will provide an additional measure of protection for them and will also serve to calm traffic by creating a neckdown where there is currently a wide open space for cars. This is along a rare and well-used level route around Queen Anne and a popular dog-walking route. There is a bus stop on either side of this intersection but it is too dangerous to cross due to fast-moving cars. There have been several awful collisions at this location. I have pictures of a bunch of them, including one that resulted in serious injuries, breaking a man's neck. Another resulted in a car upside-down in a yard. None of this is conducive to a safe, livable neighborhood.

Community Benefit from Project: The project benefits the numerous people who walk, walk their dogs, ride bikes, and access transit along 10th and Olympic.



Risk Registry:

SDOT Review	Drainage impacts	Constructability	Community process
Low	Medium. Might need to install an inlet on the west side of 10 th Ave W at the curb bulb.	Medium. Drainage needs and if there is concrete under the asphalt surface.	Low/Medium. There could be some parking loss.

Cost Estimate:

Design Phase	
Preliminary Engineering (Survey) Costs	\$ 1,000
Project Management Costs (City Labor)	\$ 4,000
Design Costs (Consultant Fees, if externally designed, internal labor otherwise) - use 10% of construction cost for in-house design of relative uncomplicated projects	\$ 5,000
Subtotal – Design Phase Costs	\$ 10,000
Design Contingency (10% of Design Phase Subtotal)	\$ 1,000
Total Design Phase Costs	\$ 11,000
Construction Phase	
Construction Costs (include urban forestry, signs & markings, traffic control, layout or construction staking as necessary)	\$ 45,000
Drainage Costs	\$ 15,000
Estimating Contingency (10-20%)	\$ 0
Subtotal – Construction Costs	\$ 60,000
Construction Management (10-25% of Construction Cost)	\$ 6,000
Construction Contingency (20%)	\$ 12,000
Total Construction Phase Costs	\$ 78,000
Total Project Cost = Total Design and Construction Phase Costs	\$ 89,000