



2019 Project Review Sheet (2020 Construction)

City Council District 7 (Ballot # 7H)

Project #	19-280
Project Title:	Flashing beacons
Location:	Neighborhood: Uptown, 98119
	Area: Existing crosswalk at W. Mercer and 5th Ave W

SDOT Contact Information

SDOT Reviewer Name: Venu Nemani
Reviewer Phone Number: (206) 733-9643
Review Date: August 7th, 2019

SDOT Project Summary

SDOT approves project

- Yes
- Yes, with revisions
- No

Comments: The traffic data warrants installing a rectangular rapid flashing beacon (RRFB) at the existing marked crosswalk across W Mercer St approaching 5th Avenue W. The data does not support marking a crosswalk at 4th Avenue W across W Mercer Street.

There is an opportunity to partner with another program:

- Yes
- No

Partnering Program: N/A

Total Project Cost: \$100,000



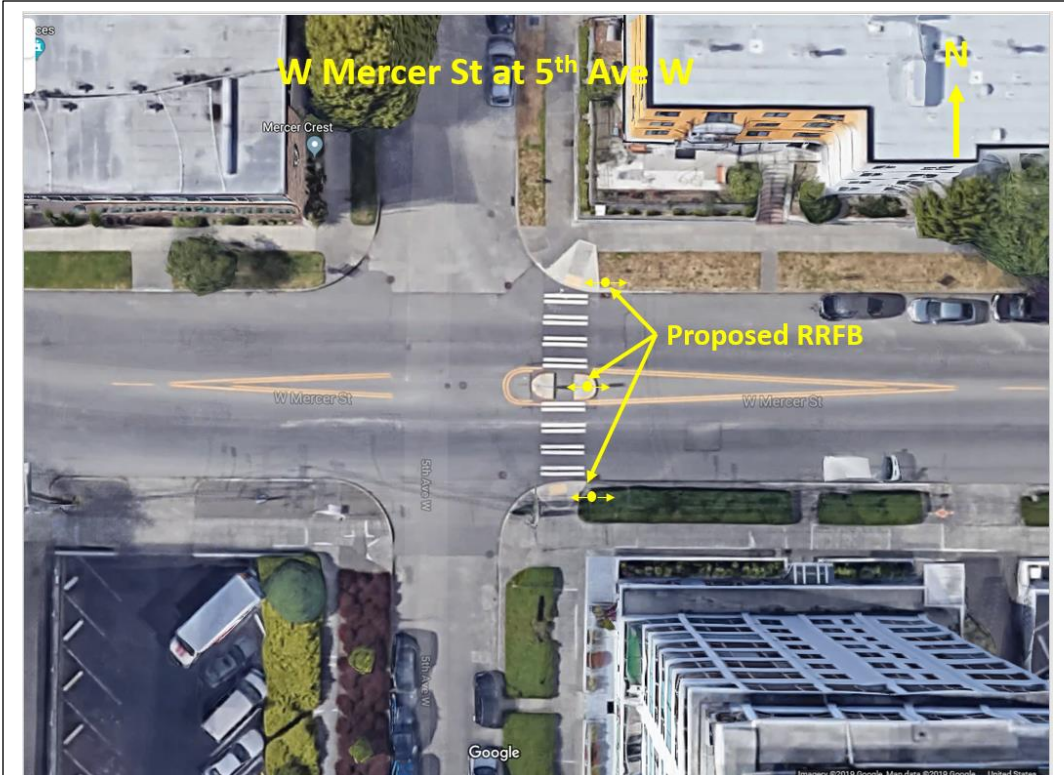
Solution and Comments:

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

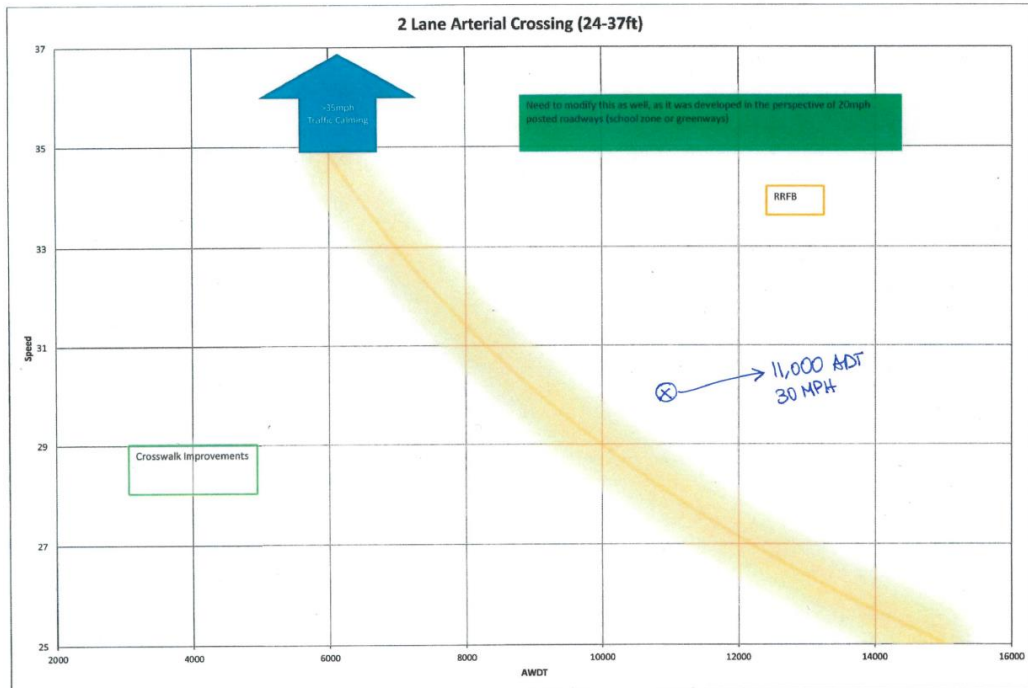
A Rectangular Rapid Flashing Beacon (RRFB) is recommended at this existing crossing location, given the volume (11,000 vpd) and speeds (~30 MPH) on W Mercer St approaching 5th Ave W. An additional crosswalk at 4th Ave W and W Mercer St is not recommended.



Image:



City of Seattle
Marked Crosswalk Review Guidelines



YVYC 2019: Project 19-280, Existing crosswalk at W. Mercer and 5th Ave W



Information Provided by Community Members

Project Idea: Flashing beacons on W. Mercer & 5th Ave W

Need for Project: With the tunnel open and W. Mercer becoming a busier arterial, the uncontrolled crosswalk at that intersection is going to be come less safe. Especially with the expected increase in truck traffic to and from Ballard. I have already seen near misses from vehicles driving significantly above the posted speed limits. Also consider marked crosswalk at 4th ave W and W. Mercer.

Community Benefit from Project: Everyone walking in the neighborhood



Risk Registry

SDOT Review	Drainage impacts	Constructability	Community process
Low	None	Low	Low – Existing Crossing

Cost Estimate

Design Phase	
Preliminary Engineering (Survey) Costs	\$0
Project Management Costs (City Labor)	\$3,000
Design Costs (Consultant Fees, if externally designed, internal labor otherwise)	\$6,000
Subtotal – Design Phase Costs	\$9,000
Design Contingency (10% of Design Phase Subtotal)	\$1,000
Total Design Phase Costs	\$10,000
Construction Phase	
Construction Costs (include urban forestry, signs & markings, traffic control, layout or construction staking as necessary)	\$85,000
Drainage Costs	\$0
Estimating Contingency (10-20%)	\$1,000
Subtotal – Construction Costs	\$86,000
Construction Management (10-25% of Construction Cost)	\$1,500
Construction Contingency (20%)	\$2,500
Total Construction Phase Costs	\$90,000
Total Project Cost = Total Design and Construction Phase Costs	\$100,000