



2019 Project Review Sheet (2020 Construction)

City Council District 4 (Ballot # 4D)

Project #	19-154
Project Title:	Improve intersection
Location:	Neighborhood: Ravenna, 98105 Area: Ravenna Ave NE and NE 55th St - also includes curve of 22nd Ave, as well as NE 54th St

SDOT Contact Information

SDOT Reviewer Name: Oli Frenchowicz

Reviewer Phone Number: (206) 684-0813

Review Date: August 5th, 2019

SDOT Project Summary

SDOT approves project

- Yes
- Yes, with revisions
- No

Comments: SDOT recommends reconfiguring the intersection to clarify the movements by separating the west leg of NE 55th St from the rest of the intersection by adding median islands and formalizing parking restrictions at the intersection.

There is an opportunity to partner with another program:

- Yes
- No

Partnering Program: Pedestrian Master Plan

Total Project Cost: \$ 50,000

Solution and Comments:

YVYC 2019: Project 19-154, Ravenna Ave NE and NE 55th St - also includes curve of 22nd Ave, as well as NE 54th St



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

SDOT proposes to create a raised median area at the intersection of Ravenna Ave NE and NE 55th St. The intent of the median area is to separate westbound right turns from NE 55th St to Ravenna Ave NE from turns to NE 54th St. Additional median on NE 54th St, west of Ravenna Ave NE is recommended for geometric alignment of the intersection.

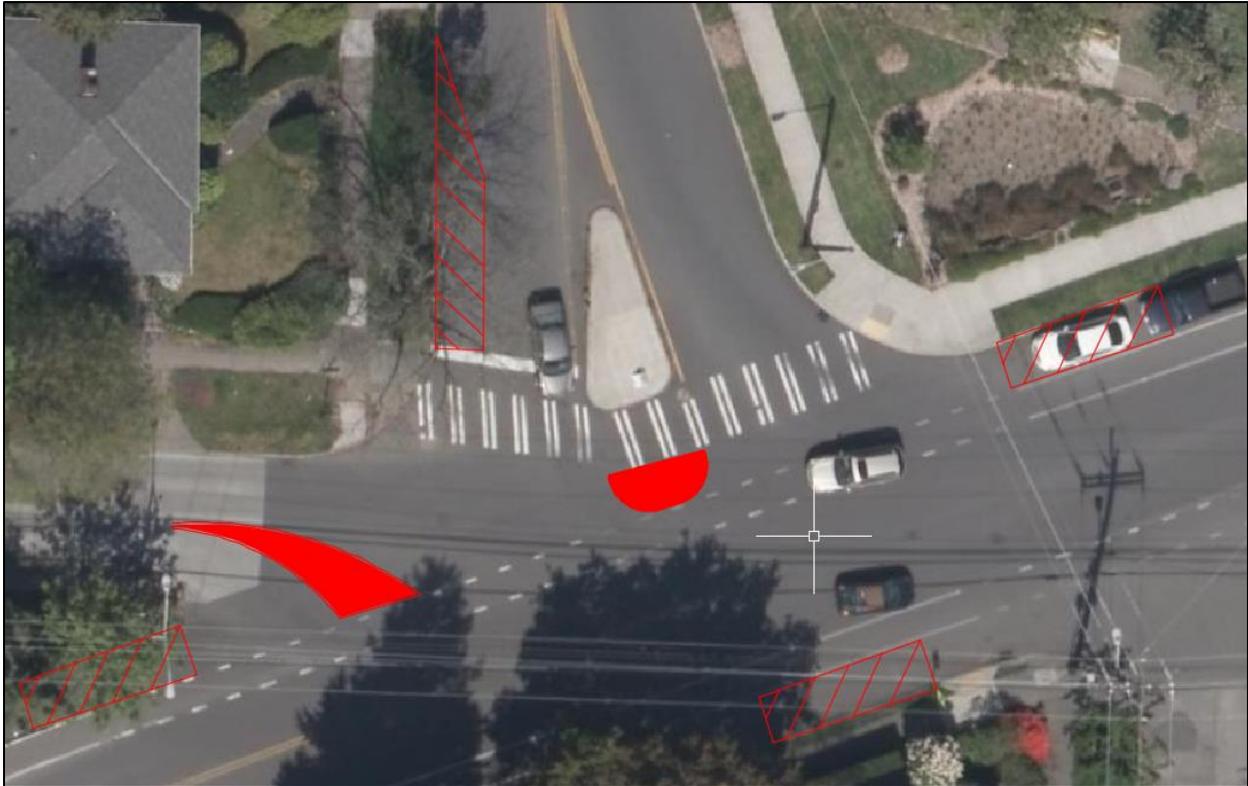
Southbound Ravenna Ave NE is proposed to be narrowed to one approach lane approaching NE 55th St / NE 54th St.

Formalizing of existing parking restrictions 20' within pedestrian crossings is also recommended for improved visibility at the intersection.

YVYC 2019: Project 19-154, Ravenna Ave NE and NE 55th St - also includes curve of 22nd Ave, as well as NE 54th St



Image:



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Information Provided by Community Members

Project Idea: Improve the intersection (stop signs, flashing lights) at Ravenna Ave NE and NE 55th St

Need for Project: Intersection involved 6 streets with NO lights, ignored stop signs, walkers, bikers, a blind curve, and astonishingly 2 right hand turns so that when someone uses their turn signal it's unclear if they are turning onto Ravenna or going up the 54th St hill.

Community Benefit from Project: Drivers, bikers, walkers. I call this the "intersection of death" - it's a miracle that there's not a crash here everyday.

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Risk Registry

SDOT Review	Drainage impacts	Constructability	Community process
Low	Medium	Medium	Low

Cost Estimate

Design Phase	
Preliminary Engineering (Survey) Costs	\$5,000
Project Management Costs (City Labor)	\$1,000
Design Costs (Consultant Fees, if externally designed, internal labor otherwise)	\$5,000
Subtotal - Design Phase Costs	\$11,000
Design Contingency (10% of Design Phase Subtotal)	\$1,000
Total Design Phase Costs	\$12,000
Construction Phase	
Construction Costs (include urban forestry, signs & markings, traffic control, layout or construction staking as necessary)	\$25,000
Drainage Costs	\$0
Estimating Contingency (10-20%)	\$3,000
Subtotal - Construction Costs	\$28,000
Construction Management (10-25% of Construction Cost)	\$4,000
Construction Contingency (20%)	\$6,000
Total Construction Phase Costs	\$38,000
Total Project Cost = Total Design and Construction Phase Costs	\$50,000

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