



2018 Project Review Sheet (2019 Construction)

City Council District 4

Project #	18-477
Project Title:	Traffic Calming at 21st Ave NE & NE 77th St
Location:	21st Ave NE & NE 77th St

SDOT Project Summary

SDOT approves project

- Yes
- Yes, with revisions
- No

Comments: Due to relatively low vehicle volumes and speeds, neither street is eligible for neighborhood traffic calming devices. During a field investigation, SDOT noticed that the vegetation on the SE corner of the intersection is obstructing visibility. The resident will be contacted to prune the vegetation in the planter area adjacent to their property.

There is an opportunity to partner with another program:

- Yes
- No

Partnering Program: N/A

Total Project Cost: \$ N/A



Solution and Comments:

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

Both 21st Ave NE and NE 77th St are non-arterial streets with an average vehicle volume of 150 and 470 vehicles per day respectively. 85th Percentile speeds on both streets are around 23 MPH. Due to the low vehicle volumes and speeds, NE 77th St and 21st Ave NE are not eligible for traffic calming. In the last three years, there have been no reported collisions. Since 2005, there have been 5 reported collisions with no observed pattern. During field investigation, SDOT noticed that the vegetation on the SE corner of the intersection is obstructing visibility. Vegetation shall not exceed a height of 24 inches within 30 feet of an intersection. The resident will be contacted to prune the vegetation in the planter area adjacent to their property.

Image:



Figure 1: Location for Maintenance



Information Provided by Community Members

Project Idea: Traffic circle on NE 77th and 21st Ave NE as I feel that is a very dangerous intersection with the hill.

Need for Project: very dangerous uncontrolled intersection with commuters speeding through to get to 75th. multiple car accidents there over the years.

Community Benefit from Project: residents, children in the area. Also commuters unfamiliar with the intersection who are less cautious and at risk of getting into an accident.



Risk Registry:

SDOT Review	Drainage impacts	Constructability	Community process
Low	N/A	N/A	Low

Cost Estimate:

Design Phase	
Preliminary Engineering (Survey) Costs	\$ N/A
Project Management Costs (City Labor)	\$ N/A
Design Costs (Consultant Fees, if externally designed, internal labor otherwise) - use 10% of construction cost for in-house design of relative uncomplicated projects	\$ N/A
Subtotal - Design Phase Costs	\$ N/A
Design Contingency (10% of Design Phase Subtotal)	\$ N/A
Total Design Phase Costs	\$ N/A
Construction Phase	
Construction Costs (include urban forestry, signs & markings, traffic control, layout or construction staking as necessary)	\$ N/A
Drainage Costs	\$ N/A
Estimating Contingency (10-20%)	\$ N/A
Subtotal - Construction Costs	\$ N/A
Construction Management (10-25% of Construction Cost)	\$ N/A
Construction Contingency (20%)	\$ N/A
Total Construction Phase Costs	\$ N/A
Total Project Cost = Total Design and Construction Phase Costs	\$ N/A