



## 2018 Project Review Sheet (2019 Construction)

### City Council District 6

Ballot #6J

<b>Project #</b>	<b>17-675</b>
<b>Project Title:</b>	<b>Crossing Improvements at Linden Ave N &amp; N 77<sup>th</sup> St</b>
<b>Location:</b>	<b>Linden &amp; N 77th</b>

### SDOT Project Summary

SDOT approves project

- Yes
- Yes, with revisions
- No

Comments: SDOT approves curb bulbs and curb ramps at Linden Ave N and N 77<sup>th</sup> St.

There is an opportunity to partner with another program:

- Yes
- No

Partnering Program: Safe Routes to School (SRTS)

**Total Project Cost: \$150,000 (\$ 90,000 YVYC, \$ 60,000 SRTS)**

### **Solution and Comments:**

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

A curb bulb on the northwest and northeast corners of the intersection of N 77<sup>th</sup> St and Linden Ave N will improve visibility for people walking across the street. Curb ramps will be required when improving the intersection. The curb on the northwest corner would bulb into the parking lane. The curb on the northeast corner would align with the curb on the southeast corner.



The intersection could be evaluated in the future for rectangular rapid flashing beacons.

**Image:**



*Figure 1: Proposed Improvement*

YVYC 2018: 17-675, Linden & N 77th



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## Information Provided by Community Members

**Project Idea:** see above

**Need for Project:** The crossing at N 77th and Linden is potentially dangerous. It is a challenge to see cars coming on Linden while walking or driving across it. Cars use it as an alternative to Aurora and often are driving down the street at high speeds and don't see or respect the crosswalk. I think there should be a stop sign, roundabout, or a lighted crosswalk, with flags, at this intersection. Many children who attend Bagley Elementary cross at this street.

**Community Benefit from Project:** Children and families in the neighborhood.



**Risk Registry:**

SDOT Review	Drainage impacts	Constructability	Community process
Low	Low	Low	Low

**Cost Estimate:**

<b>Design Phase</b>	
Preliminary Engineering (Survey) Costs	\$ 2,000
Project Management Costs (City Labor)	\$ 2,000
Design Costs (Consultant Fees, if externally designed, internal labor otherwise) - use 10% of construction cost for in-house design of relative uncomplicated projects	\$ 10,000
<b>Subtotal - Design Phase Costs</b>	\$ 14,000
Design Contingency (10% of Design Phase Subtotal)	\$ 1,400
<b>Total Design Phase Costs</b>	\$ 15,400
<b>Construction Phase</b>	
Construction Costs (include urban forestry, signs & markings, traffic control, layout or construction staking as necessary)	\$ 75,000
Drainage Costs	\$ 4,000
Estimating Contingency (10-20%)	\$ 15,800
<b>Subtotal - Construction Costs</b>	\$ 94,800
Construction Management (10-25% of Construction Cost)	\$ 18,960
Construction Contingency (20%)	\$ 18,960
<b>Total Construction Phase Costs</b>	\$132,720
<b>Total Project Cost = Total Design and Construction Phase Costs</b>	\$148,120