



## 2018 Project Review Sheet (2019 Construction)

### City Council District 6

Ballot #6G

<b>Project #</b>	<b>18-672</b>
<b>Project Title:</b>	<b>Improvements on 39th and Linden</b>
<b>Location:</b>	<b>N 39<sup>th</sup> St and Linden Ave N</b>

### SDOT Project Summary

SDOT approves project

- Yes
- Yes, with revisions
- No

Comments: Based on the data, the existing school zone signage is recommended to be updated to meet current standards, at N 41<sup>st</sup> St at Linden Ave N. An All-Way STOP Control (AWSC) is recommended at the intersection of N 39<sup>th</sup> St at Linden Ave N. In addition to this the school zone signage and stop control signage should be updated to meet current standards at the N 39<sup>th</sup> St intersection.

There is an opportunity to partner with another program:

- Yes
- No

Partnering Program: Safe Routes to School program

**Total Project Cost: \$7,700**



### **Solution and Comments:**

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

At the intersection of Linden Avenue and N 39<sup>th</sup> St, Linden Ave N is controlled by STOP signs and N 39<sup>th</sup> St is uncontrolled. There are marked crosswalks on all legs of the intersection except the east leg. The traffic volumes for various movements at this intersection are less than 65 vehicles per hour during peak hours. However, the westbound through movement from Aurora Ave N towards Fremont Ave N along N 39<sup>th</sup> St at Linden Ave N is 130-160 vehicles per hour during the peaks. This intersection had zero police reported collisions within the last three years. The crosswalk across the west leg is most used with 15 - 20 pedestrians during the peak hours. In addition to the BF Day school on the west side of the Linden Ave near these intersections, SFD's Fire Station #9 is located just southwest of the subject intersection.

The intersection of N 39<sup>th</sup> St at Linden Ave N is very close to meeting the SDOT volume thresholds for an AWSC. Considering the nearby school and fire station and the flow of traffic from Aurora Ave N, an At at Linden Ave N to Aurora Ave N and Fire Station 9, an AWSC is recommended at this intersection. Additionally, it is recommended that improvements be made to the existing school zone and stop control signage to meet current standards.

Image:



Figure 1: Proposed Improvements: N 39<sup>th</sup> St & Linden Ave N



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## Information Provided by Community Members

**Project Idea:** Improvements at 39th Ave and Linden Ave

Traffic safety for BF Day elementary school. Consider making 39th and Linden a 4-way stop (rather than letting traffic coming off hwy 99 to drive by the school without stopping). The other suggestion is to add signage / lights / designated drop off zone during school start and end times

**Need for Project:** It's dangerous to cross the street on 39<sup>th</sup> and 41st. Unsafe conditions for getting children to and from school. Pedestrians have to Jay walk on busy Street for busses.

**Community Benefit from Project:**

School families of BF Day



**Risk Registry:**

SDOT Review	Drainage impacts	Constructability	Community process
Low	Low	Low	Low

**Cost Estimate:**

<b>Design Phase</b>	
Preliminary Engineering (Survey) Costs	\$ 0
Project Management Costs (City Labor)	\$ 0
Design Costs (Consultant Fees, if externally designed, internal labor otherwise) - use 10% of construction cost for in-house design of relative uncomplicated projects	\$ 500
<b>Subtotal - Design Phase Costs</b>	\$ 500
Design Contingency (10% of Design Phase Subtotal)	\$ 50
<b>Total Design Phase Costs</b>	\$ 550
<b>Construction Phase</b>	
Construction Costs (include urban forestry, signs & markings, traffic control, layout or construction staking as necessary)	\$ 5,000
Drainage Costs	\$ 0
Estimating Contingency (10-20%)	\$ 500
<b>Subtotal - Construction Costs</b>	\$ 5,500
Construction Management (10-25% of Construction Cost)	\$ 550
Construction Contingency (20%)	\$ 1,100
<b>Total Construction Phase Costs</b>	\$ 7,150
<b>Total Project Cost = Total Design and Construction Phase Costs</b>	\$ 7,700