



## **CITY OF KIRKLAND**

### **Department of Public Works**

**123 Fifth Avenue, Kirkland, WA 98033 425.587.3800**

**[www.kirklandwa.gov](http://www.kirklandwa.gov)**

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#### **MEMORANDUM**

**To:** Kurt Triplett, City Manager

**From:** Scott Gonsar, P.E., Project Engineer  
Rod Steitzer, P.E., Capital Projects Manager  
Julie Underwood, Public Works Director

**Date:** June 24, 2021

**Subject:** 122<sup>nd</sup> AVENUE NE TRAFFIC CALMING PROJECT—AWARD CONTRACT

#### **RECOMMENDATION:**

It is recommended that the City Council:

- Award a construction contract to NPM Construction Company of Maple Valley, Washington, in the amount of \$153,052.50; and
- Authorize the use of \$135,000.00 of School Zone Safety Camera Reserves to fully fund the project.

By taking action on this item under the consent calendar, the City Council is awarding a construction contract for the subject project and authorizing the use of School Zone Safety Camera Reserves.

#### **BACKGROUND DISCUSSION:**

The Neighborhood Traffic Control Program identifies effective ways to calm traffic on non-arterial residential streets to improve safety for motorists, pedestrians, and cyclists. Strategies for the program include education, pavement markings, signage, radar signs, speed cushions, traffic islands, and curb bulbs.

The 122<sup>nd</sup> Avenue NE Traffic Calming Project was a collaborative effort between the South Rose Hill and Bridle Trails Neighborhood Associations and the City to reduce vehicle speeds and improve safety along 122<sup>nd</sup> Avenue NE. The project has two elements: 1) pavement markings between NE 60<sup>th</sup> Street and NE 70<sup>th</sup> Street; and 2) non-motorized safety and traffic calming improvements at the intersections of NE 65<sup>th</sup> Street and NE 68<sup>th</sup> Place (See Attachment A, Vicinity and Area Map). Specific work includes rechannelizing travel lanes, installing lane delineators (traffic candles), adding signage, realigning curbs, installing surface water improvements, and very limited paving.

With an engineer's estimate of \$125,928.00 for construction, the Project was first advertised on May 17, 2021. Five bids were received on June 2, 2021, with NPM Construction Company being the lowest responsible bidder. The bid results are as follows:

**Table 1: 122<sup>nd</sup> Avenue NE Traffic Calming Bid Results**

<b>Contractor</b>	<b>Total Bid</b>
<i>Engineer's Estimate</i>	<i>\$125,928.00</i>
<b>NPM Construction Company</b>	<b>\$153,052.50</b>
Wolfskill Construction, LLC	\$155,623.05
Road Construction Northwest, Inc	\$159,948.25
Blue Mountain Construction Group, LLC	\$172,128.00
Kamins Construction, Inc	\$172,232.15

Staff reviewed the bid and found that the primary factors for the higher cost were mobilization, traffic control, and asphalt removal and replacement at two separate location. References for NPM Construction were satisfactory.

#### **Budget**

The Neighborhood Traffic Control Program funds multiple projects to accomplish program goals. The program has biennial funding, and when the 122<sup>nd</sup> Avenue NE project began the program had an available fund balance of \$127,800. However, prioritized and immediate needs for the 119<sup>th</sup> Avenue NE speed signs (\$14,300) and 111<sup>th</sup> Avenue NE curb and sidewalk improvements (\$25,000) reduced the available funding to \$88,500. Per the adopted CIP, the next available funding for the Neighborhood Traffic Control Program will be \$50,000 in 2022. Table 2, below, reflects currently available funds, anticipated expenses, and a negative balance.

**Table 2: 122<sup>nd</sup> Avenue NE Traffic Calming (TRC-1170003) Funding and Expenses**

Category	122 <sup>nd</sup> Ave NE Traffic Calming
Funding (available)	\$88,500
Soft Costs	(\$55,142)
Construction	(\$153,053)
Contingency	(\$15,305)
Total Expenses	(\$223,500)
Balance	(\$135,000)

The total project cost is currently estimated to be \$223,500 which includes a 10% contingency. Total costs for design, inspection, and staff time total 25%, which is less than the typical amount for safety and non-motorized improvements. Staff accomplished this by working closely with the design consultant and making use of in-house inspection services.

Even though staff applied the aforementioned cost saving strategies for the project, additional funding is required to construct the improvements. Since the project improves pedestrian and bicycle safety and calms traffic near Benjamin Franklin Elementary and Holy Family Parish School, staff is recommending the use of School Zone Safety Camera Reserves as detailed in Attachment B, Fiscal Note, to cover the projected funding gap.

**NEXT STEPS:**

Were the Council to approve the award of the contract and authorize the use of additional funds, construction work is scheduled to begin in late July and be complete by the end of September 2021, depending upon the weather. In advance of the work, staff will keep the public informed through regularly-updated construction timelines and pertinent project information on the City's web site.

Attachment A: Project Vicinity & Area Map  
Attachment B: Fiscal Note



**FISCAL NOTE***CITY OF KIRKLAND*

Source of Request							
Julie Underwood, Director of Public Works							
Description of Request							
Project budget increase of \$135,000 for the Neighborhood Traffic Control Program ( <b>TRC1170300</b> ). This will increase the budget for the 122nd Ave NE Traffic Calming Project (part of the Neighborhood Traffic Control Program) from \$88,500 to \$223,500. The budget for the Neighborhood Traffic Control Program will increase from \$127,800 to \$262,800. This request will be funded with School Zone Safety Camera Reserves.							
Legality/City Policy Basis							
Fiscal Impact							
<b>- One-time transfer of \$135,000 in School Zone Safety Camera Reserves to TRC1170300.</b>							
Recommended Funding Source(s)							
	Description	2022 Est End Balance	Prior Auth. 2021-22 Uses	Prior Auth. 2021-22 Additions	Amount This Request	Revised 2022 End Balance	2022 Target
<b>Reserve</b>	School Zone Safety Camera Reserve*	2,119,545	(200,469)	0	(135,000)	1,784,076	N/A
	Finance processing notes: School Zone Safety Camera Reserve - PL: PDTSSZCAMS, GL: 01019503*599010						
<b>Revenue/Exp Savings</b>							
<b>Other Source</b>							
Other Information							
*The assumed reserve balances are based on the beginning balance in 2021 (\$546,709) and estimated revenues above expenditures in 2021 and 2022. Estimated School Zone Safety Camera revenues were calculated using a limited time frame of actual revenues and will be recalculated. Reserve balances will be adjusted accordingly in 2021 as part of the mid-biennial budget update.							

Prepared By	Robby Perkins-High, Financial Planning Supervisor	Date	June 29, 2021
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