



CITY OF KIRKLAND

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MEMORANDUM

To: Kurt Triplett, City Manager

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

Date: April 21, 2022

Subject: NE 132ND STREET/JUANITA HIGH SCHOOL ACCESS ROAD INTERSECTION
IMPROVEMENTS—AWARD CONTRACT

RECOMMENDATION:

It is recommended that the City Council award a construction contract for the NE 132nd Street/Juanita High School Access Road Intersection Improvements project to NPM Construction Inc., of Maple Valley, Washington in the amount of \$1,079,718.00.

By taking action on this staff report during approval of the Consent Calendar, the City Council is authorizing the award of a construction contract for the referenced project.

BACKGROUND:

This project is a key local street transportation improvement that supports traffic movements to and from Juanita High School (see Attachment A, Vicinity and Area Map). Currently, eastbound NE 132nd Street traffic backs up at Juanita High School during peak school hours, which causes roadway congestion and lowers the street network level of service. It is anticipated that traffic backups at the project's location will increase upon the completion of the I-405/NE 132nd Street improvement, which is a separate but concurrent project.

To help reduce backups and traffic delays, the project will add an eastbound right turn lane. The project also adds luminaries and signal poles, Intelligent Transportation System (ITS) components, roadway channelization, ADA ramps, crosswalks, pedestrian signalization, eastbound green methyl methacrylate acrylic (MMA) bike lane markings to improve safety, and surface water system improvements. These improvements, together with the relocation of overhead utility poles, required the acquisition of property and easements, which have been completed. Staff worked closely with property owners and various franchise utilities during the design phase to communicate and coordinate project goals and objectives.

The project supports the Council goals of Inclusive Communities, Community Safety, and Balanced Transportation.

With an engineer's estimate of \$1,030,705, staff first advertised for contractor bids on March 2, 2022. On March 22, 2022, three bids were received, with NPM Construction Co., being the lowest responsible bidder (see Table 1 below).

Table 1: Project Bid Results

Contractor	Amount
<i>Engineer's Estimate</i>	<i>\$1,030,705.00</i>
NPM Construction, Co	\$1,079,718.00
Kamins Construction, Inc	\$1,320,700.00
Titan Earthwork, LLC.	\$1,387,684.00

Although the low bid is nearly \$50,000 higher than the Engineer's Estimate, the project should be able to be completed within the budget. The higher-than-expected bid costs are related to inflation and the uncertainty about long lead items such as signal poles and cabinets. Currently, it is anticipated that signal poles and cabinets will require four to six months for delivery. If awarded, staff will work with the contractor to procure materials as soon as possible. Staff also will work with the contractor and the Lake Washington School District to establish a construction start date that has the least amount of disruption to the public and accommodates material timelines.

NPM Construction has completed several capital projects for the City successfully in the past, and reference checks for this project were satisfactory.

Budget

The project is funded through a combination of City and Lake Washington School District funds, with total funding and anticipated expenses shown in Table 2, below.

Table 2: Project Funding and Anticipated Expenses (TRC 93)

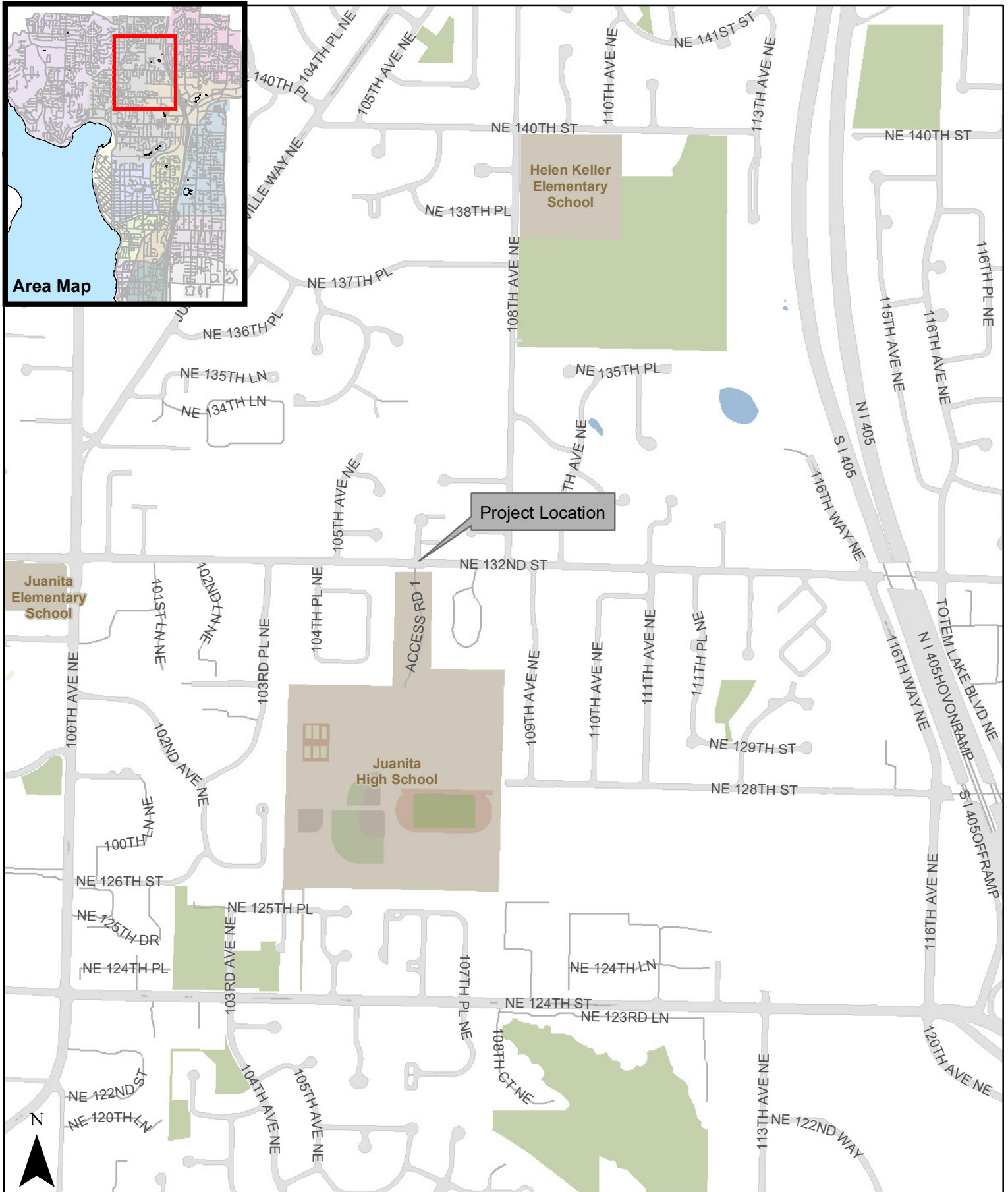
Items	Amount
Funding	
City Funds	\$651,254
LWSD Funds	\$1,150,000
Funding Total	\$1,801,254
Expenses	
Soft Costs	(\$539,051)
Construction	(\$1,079,718)
Contingency (17%)	(\$182,485)
Expense Total	(\$1,801,254)
Difference	\$0

Working closely with the design consultant, property owners, and private utility companies resulted in lower soft costs than expected. Staff is recommending retaining those savings in the project contingency to handle issues that may come up during construction. The recommended contingency is 17%. Once the project is complete, staff will recommend returning any remaining funds to appropriate funding sources.

NEXT STEPS:

Were the City Council to award this contract, material procurement would begin as soon as possible with construction starting later this year. The contract is estimated to take 45 working days for completion. In advance of the work, staff will update the [project information on the City's website](#), including the construction timeline.

Attachment A: Vicinity and Area Map



Vicinity and Area Map
NE 132nd St/Juanita High School Access Road Intersection Improvement