



CITY OF KIRKLAND

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MEMORANDUM

To: Kurt Triplett, City Manager

From: Laura Drake, P.E., Senior Project Engineer
Rod Steitzer, P.E., Capital Projects Manager
Julie Underwood, Director of Public Works

Date: July 22, 2021

Subject: NE 124TH STREET/100TH AVENUE NE INTERSECTION IMPROVEMENTS—
ACCEPT WORK

RECOMMENDATION:

It is recommend that the City Council accept the work performed on the NE 124th Street/100th Avenue NE Intersection Improvements Project as completed by Prime Electric of Bellevue, Washington, in the amount of \$77,520.00, thereby establishing the statutory lien period and authorize the return of \$2,374 in Gas Tax funding to the Citywide Transit Study Project (PTC0010000).

By taking action on this item under the consent calendar, the City Council is accepting the work on the construction contract for the subject project and establishing a lien period.

BACKGROUND AND DISCUSSION:

In late 2020, King County Metro (Metro) determined it had up to \$200,000 remaining of a secured Regional Mobility Grant, the majority of which Metro used on other projects. Metro approached City staff to identify potential opportunities to use those funds before the end of June 2021, which is when the grant funds were to expire. Referencing the *Kirkland Transit Implementation Plan* (KTIP), staff noted the NE 124th Street/100th Avenue NE intersection improvement, which had significant vehicle delay and reliability issues. Metro itself had experienced those delays and reliability issues, particularly in the westbound-to-southbound left turn movement. Metro approved the project scope. The project was added to the 2021-2026 Capital Improvement Plan (CIP) by City Council action on February 16, 2021.

The Project improved travel times for 700 to 1,000 transit riders per day by an estimated 30 seconds per bus trip, which equates to almost 10 person-hours saved per day. The work included signal improvements to allow for dual



Figure 1: New Lane Configuration Sign on
NE 124th Street at 100th Avenue NE,
Looking West

westbound-to-southbound turn lanes, channelization, new signs (such as the sign shown in Figure 1, above), replacement of the existing video detection system to provide more reliable advanced detection of vehicles, and relocation of a bus shelter. The signal also is part of Kirkland's Intelligent Transportation System signal network.

Prime Electric was contracted expeditiously in accordance with the City's *Procurement Manual*, and Prime completed construction in just two days (June 24-25, 2021) with no unforeseen site conditions. The City performed community outreach throughout the project, including an informational sign installed temporarily at the project site.

Budget

The Project was funded primarily with \$125,000 in King County Metro's secured Regional Mobility Grant and \$10,000 of City funds (7% of total project funds) to cover ineligible expenses. Total funding and expenses are shown in Table 1, below.

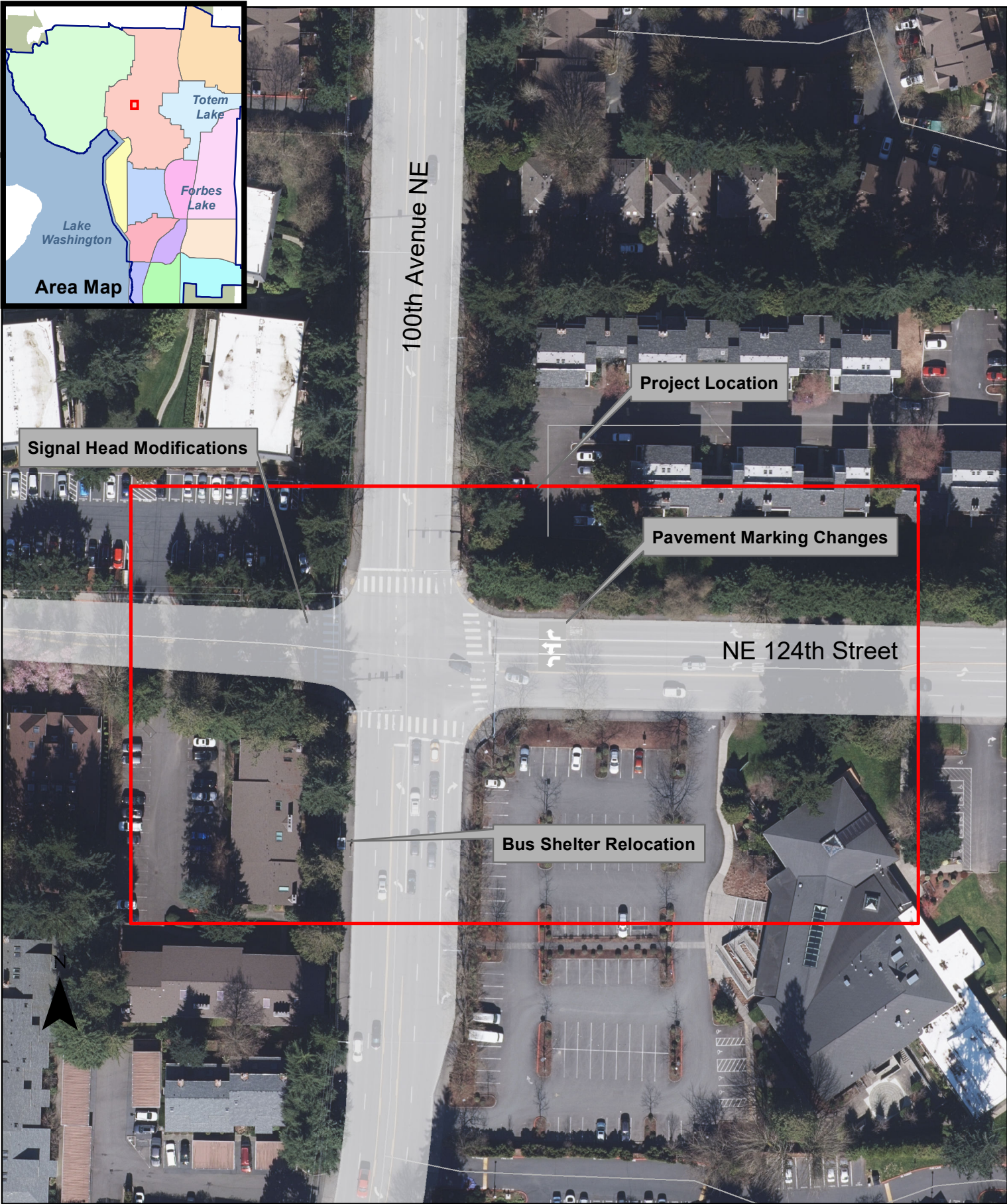
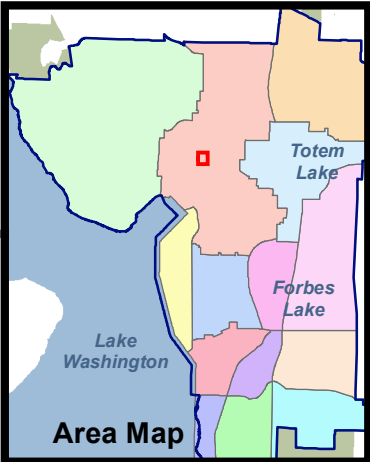
Table 1: Project Funding and Expenses

	City	External	Total
Funding	\$ 10,000	\$125,000	\$135,000
Expenses			
Consultant Design	-	(\$ 31,681)	(\$ 31,681)
Inhouse Support	(\$ 7,626)	(\$ 9,327)	(\$ 16,953)
Public Outreach	-	(\$208)	(208)
Construction	-	(\$ 77,520)	(\$ 77,520)
Total Expected Expenses	(\$ 7,626)	(\$118,736)	(\$135,000)
Difference	\$2,374	\$6,264	\$8,462

With all project costs accounted for, staff recommends returning \$2,374 surplus City funds to the Citywide Transit Study Project, and not utilize \$6,264 of grant funds (see Attachment B).

Attachment A: Vicinity and Area Maps

Attachment B: Fiscal Note



FISCAL NOTE*CITY OF KIRKLAND*

Source of Request							
Julie Underwood, Interim Director of Public Works							
Description of Request							
One-time transfer of unspent project balance from the NE 124th St / 100th Ave NE Intersection Improvements project (TRC 1400000) . This funding will be returned to the Citywide Transit Study program (PTC 0010000) .							
Legality/City Policy Basis							
Fiscal Impact							
- One-time transfer of approximately \$2,374 in Gas Tax funding from TRC1400000 to PTC0010000.							
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
Reserve							
Revenue/Exp Savings							
Other Source							
Other Information							

Prepared By	Robby Perkins-High, Senior Financial Analyst	Date	July 21, 2021
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