



CITY OF KIRKLAND
Department of Public Works
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MEMORANDUM

To: Kurt Triplett, City Manager

From: David Snider, P.E., Capital Projects Manager
Kathy Brown, Public Works Director

Date: October 23, 2014

Subject: 100TH AVENUE NE BICYCLE LANES – ACCEPT WORK

RECOMMENDATION:

It is recommended that City Council accepts the work performed on the 100th Avenue NE Bicycle Lanes Project, as constructed by Road Construction Northwest, Inc. of Renton, WA, and establishes the statutory lien period.

BACKGROUND DISCUSSION:

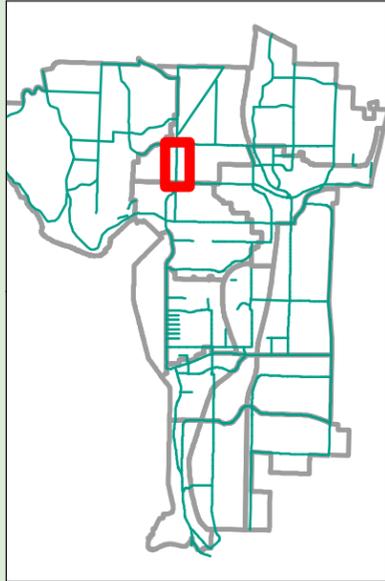
The 100th Avenue NE Bicycle Lanes Project (CNM 0069) provides for bicycle, pedestrian, and traffic improvements on 100th Avenue NE, between NE 124th Street and NE 132nd Street. New bicycle lanes and narrower vehicle travel lanes were installed. In addition, the non-functioning in-pavement crosswalk lights were replaced with a Rapid Flashing Beacon (RFB) system that includes Accessible Pedestrian Signals (APS) at two existing pedestrian crosswalks (See Attachment A).

The APS element is an integrated system that communicates information about the *WALK* and *DONT WALK* intervals in non-visual formats such as audible tones or recorded voice and vibro-tactile surfaces for pedestrians who are blind or have low vision. In October, 2013, after the project's start date, the Washington State Department of Transportation Local Programs (WSDOT LP) added a new requirement for all federally funded projects administered through WSDOT LP to include Americans with Disabilities (ADA) and Section 504 (non-discrimination) compliance. In working closely with WSDOT LP on the added design and procurement of the APS system, approval from WSDOT LP was also obtained for the use of local forces (City crews) to install the crosswalk upgrade. The cost of the upgrade was \$22,053. In addition to ADA compliance, the newly installed crosswalk upgrades are also consistent with the City's evolving ADA Transition Plan requirements for crosswalks.

At their regular meeting of September 3, 2013, the City Council awarded the construction contract for the 100th Avenue NE Bicycle Lanes Project to Road Construction Northwest, in the amount of \$190,470. At that same meeting, the City Council approved a project budget increase to \$27,000 using REET 2 Reserves to increase total funding to \$274,000. There were two sources of project funding: a Federal Surface Transportation Program (STP) grant in the amount of \$119,000, and \$155,000 in City funds. The construction was completed on January 29, 2014, with a total of \$184,256 paid to the contractor, including one change order in the amount of \$4,783 to provide equitable adjustment for an unknown existing condition beneath both median islands. The final project costs totaled \$273,930 (Attachment B).

With cost savings realized through the construction contract, primarily through cost savings for reduced material quantities, plus the additional costs for the new APS improvements, the original overall project budget remains intact with less than \$100.00 to be returned to the original funding source (Attachment B).

Attachment A – Vicinity Map
Attachment B - Project Budget Report



Area Map

Legend

- ▬▬▬▬ Crosswalks
- Streets
- ▭ Tax Parcels



New Bike Lanes

Pedestrian Crosswalk Upgrades
•New RFBs
•New APS Buttons
•New ADA Ramps
•Median Islands Modified

Photo



Vicinity Map
100th Avenue NE Bicycle Lanes

100th Avenue NE Bicycle Lanes
CNM-0069

Project Budget Report

