

MEMORANDUM

TO: Dan Roadt, Chair, Board of Public Works
Vince Vitale, First District
Tracy Stefanski, Second District
Suzzette Grisham, Third District
Rosalie Reinke, Fifth District

FROM: Peter C. Daniels, P.E., City Engineer

DATE: March 24, 2022

RE: **Communication from City Engineer regarding the WisDOT bid opening for the installation of new traffic signals at three intersections: 76th & Becher, 92nd & Lincoln, and 60th & Greenfield**

The WisDOT low bid for the installation of new traffic signals at 76th & Becher, 92nd & Lincoln and 60th & Greenfield came in at \$2,589,831.14 from LaLonde Contractors Inc. compared to the Engineer's estimate of \$2,641,785.56. Here are the bid numbers:

\$2,589,831.14	Bid from LaLonde Contractors Inc.
<u>\$284,101.48</u>	Fees for Inspection by CORRE
\$2,873,932.62	Total Cost
<u>\$1,741,445.41</u>	Federal Funds Allocated to City
\$1,132,487.21	Total City Cost

This project will improve the three signalized intersections of 76th & Becher, 92nd & Lincoln, and 60th & Greenfield that have experienced a high number of vehicle crashes due to the limited visibility caused by the negative offsets of the left-turn lanes and limited visibility of the existing horizontal traffic signal head configuration. Pedestrian and bicycle crashes have occurred at each of the intersections, partially attributed to lack of countdown timers and deteriorated crosswalk markings. Several curb ramps do not have detectable warning fields or pedestrian push buttons.

To increase safety, left-turn lanes will be realigned for better sight distance at the three project intersections within the existing roadway curbs. Overhead traffic signals will be installed to provide one signal head per travel lane to increase visibility and reinforce permitted vehicular movements. Crosswalks will be reconstructed to provide accessible facilities in compliance with the Americans with Disabilities Act (ADA). High visibility crosswalk markings will increase driver detection of pedestrians. The W. Lincoln Avenue pavement and underground utilities will be completely reconstructed from 91st to 93rd Street. S. 76th Street will receive a mill and overlay to extend the pavement's service life as well as underground utility relays approximately 150-feet north and south of the W. Becher St. intersection. S. 60th St. and Greenfield pavement and underground utilities are in good condition therefore only receive minor pavement disturbance will be needed to accommodate the traffic signal work.