

MEMO

To: Honorable Mayor and Members of City Council

From: Brent Soderlin, City Engineer

Subject: Resolution Authorizing Construction of Three Traffic Signals along the East 104th Ave Corridor (at Florence, Joliet, and Revere). Project # 2018-05-PW

Date: December 30, 2019

Purpose

Seek City Council authorization of \$945,717 construction contract with WL Contractors, for the Installation of New Traffic Signals on East 104th Avenue (at Florence, Joliet, and Revere). Resolution No. 2020-07 Authorizes the Mayor and the City Clerk to sign a Construction Contract with WL Contractors, substantially in the form attached, on behalf of the City.

Background / Summary

This project initially called for the installation of traffic signals at five intersections along East 104th Ave - subsequently adding the intersection at E-470/120th Ave. The following provides background/status regarding the installation of traffic signals at Florence, Joliet, Revere, Peoria, and Brighton on 104th Avenue and the added intersection at E-470/120th Ave (funded by E-470):

- **Revere, Florence, and Joliet** - Public Works & JR Engineering completed traffic signal design(s) of three intersections (at Revere, Florence, and Joliet) in September – upon which an expedited order of the steel for the poles and mast arms was approved and executed. Unfortunately, national market and regulatory forces led to a decrease in production that caused nation-wide delays in ordering, fabrication, and shipment. At present, delivery of the steel is expected to occur o/a 10 January 2020. Bids were received to construct these three traffic signals on 23 December 2019 – with WL Contractors the low bidder at \$945,717. Construction to start upon delivery of poles/mast arms and scheduled to be completed within 75 days of start. – estimated completion date 31 March 2019.
- **Peoria, Brighton, and E-470/120th Ave** – Public Works & JR Engineering are finalizing traffic signal design of three intersections (Peoria, Brighton, and E-470/120th Ave.) - currently under review by CDOT/E-470. After review/approval of the design(s), an expedited ordering of steel will be placed as well as a solicitation for construction of the traffic signals. Term of contract will be 75 days and commence immediately upon delivery of steel components.

If all goes according to plan, the signals for Revere, Florence, and Joliet will be installed by the Q1 2020 completion date set out in the work plan. Staff was attempting to have the signals installed by the end of the year but the CDOT plan review and steel fabrication and delivery took much longer than anticipated. Given our experience with the first three intersections it is likely that the signals for Peoria, Brighton, and E-470 & 120th Avenue will be installed much later than Q1 2020. Once we have approval from CDOT and E-470, then we will be able to place the steel order and provide a better estimate of the completion date for the remaining three signals.

Staff Recommendation

City Council authorize \$945,717 construction contract with WL Contractors, for the Installation of New Traffic Signals on East 104th Avenue at Florence, Joliet, and Revere.

