


COUNCIL COMMUNICATION

	Number:	20-055	Meeting:	February 10, 2020
	Agenda Item:	5A	Roll Call:	20-0209
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Ordering construction of the following: 2020 Traffic Signal Replacement Contract 1 - Receiving bids, (2-25-20), and Setting date of hearing, (3-23-20). Construction Estimate - \$800,000.

SYNOPSIS:

Recommend the City Council proceed with construction of the improvement and set dates to receive bids and hold a public hearing, as required by Iowa Code, utilizing the method of financing referenced below. The project includes replacement of traffic signals at the intersections of S.E. 5th Street and E. Porter Avenue and of E. 30th Street and E. Walnut Street, and a new High-Intensity Activated CrossWalK (HAWK) traffic signal on 6th Avenue at Mercy College north of Crocker Street.

FISCAL IMPACT:

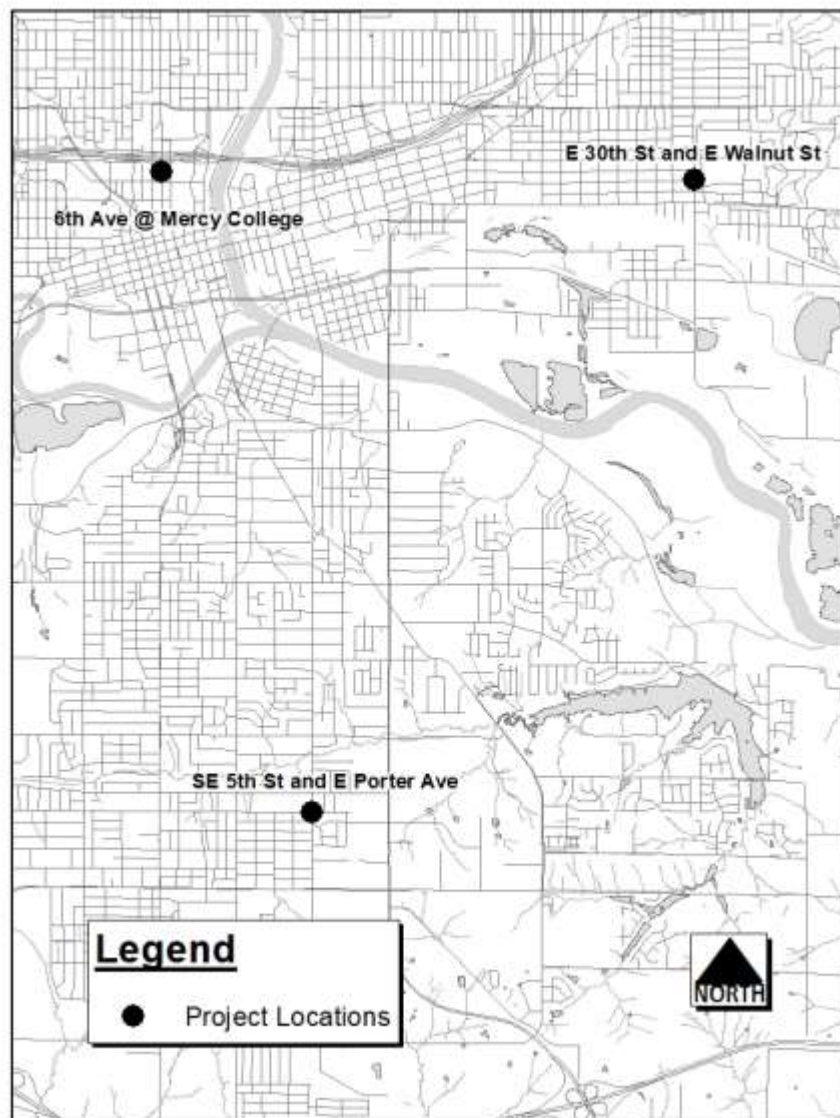
Amount: \$800,000 City Engineer's Estimate

Funding Source: 2019-2020 CIP, Page Street – 40, Traffic Signals – Replacement, TR091, Being: \$650,000 G.O. bonds issued, \$75,000 G.O. Bonds to be issued, \$75,000 Mercy College of Medical Sciences.

ADDITIONAL INFORMATION:

- The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the 2020 Traffic Signal Replacement Contract 1, 04-2020-007. The improvement includes new traffic signals, new HAWK pedestrian signal, vehicle loop detectors, Hot Mix Asphalt (HMA) pavement, Portland Cement Concrete (PCC) sidewalk, pavement markings, and other incidental items; all in accordance with the contract documents, including Plan File Nos. 613-128/187, located at the intersections of S.E. 5th Street and E. Porter Avenue and of E. 30th Street and E. Walnut Street, and on 6th Avenue at Mercy College north of Crocker Street.
- The estimated construction cost is \$800,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

- Due to their age and condition, the existing traffic signals will be replaced at two (2) intersections:
 - SE 5th Street and East Porter Avenue
 - E 30th Street and E Walnut Street
- A new crosswalk with a Pedestrian Hybrid Beacon will be constructed crossing 6th Avenue, mid-block between Crocker Street and School Street. At the request of Mercy College of Health Sciences following the expansion of their campus, pedestrian count data was taken in fall 2018 for pedestrians crossing 6th Avenue between Crocker Street and School Street. Data shows the volume of pedestrians crossing 6th Avenue mid-block warrants a Pedestrian Hybrid Beacon (also known as a High-Intensity Activated CrossWalk (HAWK)). Mercy College of Health Sciences has agreed to pay for 50% of the construction cost of the improvements.



PREVIOUS COUNCIL ACTION(S): NONE

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Anticipated actions include public hearing, receive and file bids, designate lowest bidder, approval of contract and bond, partial payments to the contractor, and final acceptance of work.

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