


COUNCIL COMMUNICATION

	Number:	20-494	Meeting:	November 9, 2020
	Agenda Item:	6C	Roll Call:	20-1745
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Ordering construction of the following: Intelligent Transportation System Phase 1 - Receiving bids, (11-24-20), and Setting date of hearing, (12-21-20). Construction Estimate - \$1,385,500.

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 upgrading the communications infrastructure, communications network, traffic signal cabinet/controllers and Intelligent Transportation System (ITS) equipment of the traffic signal system along Martin Luther King Jr. Parkway from Fleur Drive to E. 30th Street, E. 30th Street from Martin Luther King Jr. Parkway to E. University Avenue, E. University Avenue from I-235 to Williams Street, Hubbell Avenue from E. University Avenue to E. Euclid Avenue, E. Euclid Avenue from E. 14th Street to Hubbell Avenue, E. 14th Street from E. Euclid Avenue to E. Grand Avenue. The existing traffic signal controllers are outdated technology and will be replaced with 2070 ATC controllers, which are the new modern standard controller.

FISCAL IMPACT:

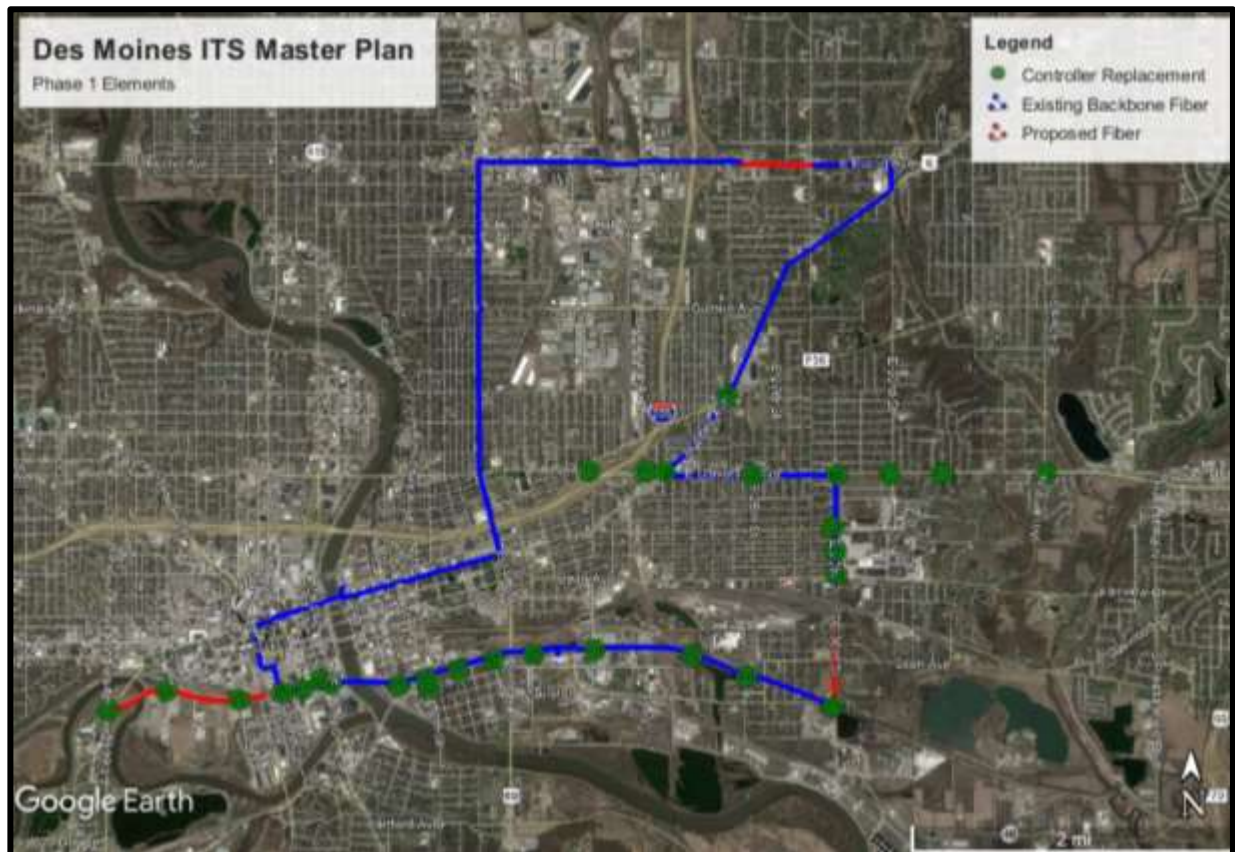
Amount: \$1,385,500 City Engineer's Estimate

Funding Source: 2020-2021 CIP, Page Street – 51, Traffic System Operation Improvements, TR097, G. O. Bonds

ADDITIONAL INFORMATION:

- The Engineering Department has prepared plans, specifications, form of contract documents, and City Engineer's estimate for the construction of the Intelligent Transportation System Phase 1, 04-2021-002. The improvements include upgrading the communications infrastructure, communications network, traffic signal cabinet/controller and ITS equipment of the traffic signal system, removal of sidewalk and driveways, Portland Cement Concrete (PCC) sidewalks, PCC driveways, surface restoration; all in accordance with the contract documents, including Plan File Nos. 620-116/173, located along Martin Luther King Jr. Parkway from Fleur Drive to E. 30th Street, E. 30th Street from Martin Luther King Jr. Parkway to E. University Avenue, E. University Avenue from I-235 to Williams Street, Hubbell Avenue from E. University Avenue to E. Euclid Avenue, E. Euclid Avenue from E. 14th Street to Hubbell Avenue, E. 14th Street from E. Euclid Avenue to E. Grand Avenue.

- The estimated construction cost is \$1,385,500. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.
- Construction of the improvement is anticipated to begin in early 2021 and be completed by the end of 2021.



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, and approve contract and bond; also, partial payments to the contractor and final acceptance of work.

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