

COUNCIL COMMUNICATION

	Number:	20-448	Meeting:	October 19, 2020
	Agenda Item:	7	Roll Call:	20-1642
	Submitted by:	Steven L. Naber, P.E., City Engineer		

AGENDA HEADING:

Approving and authorizing the execution of the Iowa Department of Transportation (IDOT) Agreement for the Intelligent Transportation Systems Upgrade – Phase 2.

SYNOPSIS:

Recommend approval of IDOT Agreement No. 1-20-STBG-SWAP-044 between the City of Des Moines and IDOT for the Intelligent Transportation Systems Upgrade – Phase 2.

FISCAL IMPACT:

Amount: \$1,500,000

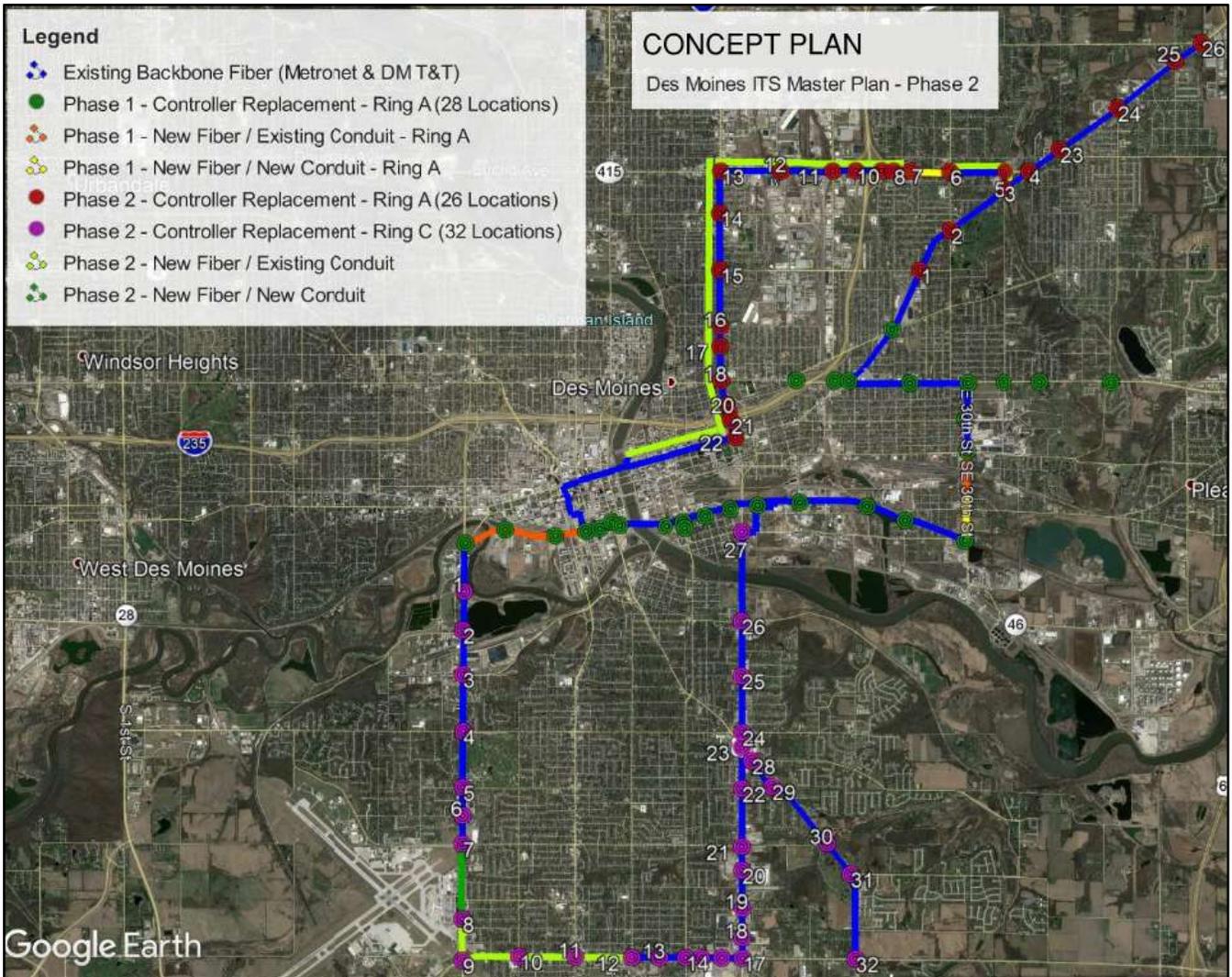
Funding Source: – Various funding being:

- \$500,000 – Surface Transportation Block Grant (STBG) Program federal-aid swap funds
- \$1,000,000 - 2020-21 CIP, Page Street Improvements-54, Traffic System Operation Improvements, TR097, G.O. Bonds

ADDITIONAL INFORMATION:

- The City of Des Moines Intelligent Transportation System (ITS) Master Plan Report was completed and adopted by the City Council on November 19, 2018 by Roll Call 18-1895. The Report outlines a 7-phase implementation plan to upgrade of the City's ITS systems (traffic signals, communication network, video camera observation system, central management software, etc.), which will enable the City to actively manage traffic during peak travel times, special events, construction detours, and emergency situations. This capability will provide safer and more efficient travel for people throughout the region as they travel to, from, or within Des Moines.
- Phase 2 of the ITS Master Plan implementation includes upgrading the traffic signal system communications infrastructure, communications network, traffic signal cabinet/controller and ITS equipment of the traffic signals identified in the map below. The estimated project cost of Phase 2 is \$1.5 Million.

- On November 20, 2017, by Roll Call No. 17-1934, City Council authorized the submittal of federal STBG Fund Federal Fiscal Year (FFY) 2022 Applications to the Des Moines Area Metropolitan Planning Organization, which included an application for the Intelligent Transportation Systems Upgrade – Phase 2. The City was awarded \$500,000 for the Intelligent Transportation Systems Upgrade – Phase 2 project. The remaining \$1.0 million cost of the project will be funded by G.O. bonds.
- Design for the project will start later this fall. The project will be bid in the fall of 2021 with construction anticipated to begin in spring 2022.



PREVIOUS COUNCIL ACTION(S):

Date: November 20, 2017

Roll Call Number: [17-1934](#)

Action: [Authorizing](#) submittal of Federal Surface Transportation Block Grant (STBG) and Transportation Alternatives Program (TAP) fund Fiscal Year (FY) 2022 applications to the Des Moines Area Metropolitan Planning Organization (MPO). ([Council Communication No. 17-801](#)) Moved by Coleman to adopt. Motion Carried 7-0.

BOARD/COMMISSION ACTION(S): NONE

ANTICIPATED ACTIONS AND FUTURE COMMITMENTS:

Anticipated actions include approving professional services agreement for design services, ordering construction, 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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