

# Mayor and Council Communication

DATE: 06/23/20

M&C FILE NUMBER: M&C 20-0449

LOG NAME: 20NCTCOG MINOR INTERSECTION IMPROVEMENT

## **SUBJECT**

Accept and Authorize Execution of an Interlocal Agreement with the North Central Texas Council of Governments in the Amount of \$350,000.00 for Purchase and Installation of Traffic Communication Equipment, Traffic Monitoring Cameras and New Cabinets and Controllers for the Minor Intersection Improvements Project and Adopt Appropriation Ordinances (COUNCIL DISTRICTS 2, 3, 4, 5,7, 8 and 9)

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## **RECOMMENDATION:**

It is recommended that the City Council:

1. Accept and authorize execution of an Interlocal Agreement with the North Central Texas Council of Governments in the amount of \$350,000.00 for purchase and installation of traffic communication equipment, traffic monitoring cameras and new cabinets and controllers to replace old cabinets for the Minor Intersection Improvements Project; and
2. Adopt the attached appropriation ordinances increasing revenues and expenditures in the Grants Cap Projects Federal Fund by \$318,769.00 and in the Grants Capital Project State Fund by \$31,231.00; and
3. Authorize a transfer of the City's matching funds in the amount of \$38,769.00 from 2018 Bond Program Funds to the Grants Cap Projects Federal Fund.

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## **DISCUSSION:**

The City submitted an application for Minor Intersection Improvement Program (MIIP) of North Central Texas Council of Governments (NCTCOG) in September 2017. MIIP is a regional program that is implemented by NCTCOG in partnership with local agencies that improves the capacity of the existing roadway system by implementing low-cost operational improvements, thereby enhancing mobility and improving air quality. This project includes installation of communication modems and Pan Tilt Zoom (PTZ) cameras and replacement of old cabinets with new cabinets and controllers. For this project, the NCTCOG has selected 56 signalized intersections for installation of communication modems and PTZ cameras and six signalized intersections for installation of Cabinets and Controllers within the City of Fort Worth limits.

Communication modems are a crucial part of the traffic signal communication network. They allow remote access to traffic signal controller, so the signal timing can be adjusted remotely. PTZ cameras leverage the ability to monitor traffic condition remotely and help to determine the required changes in signal timing to improve traffic operation. Replacing old cabinets with new cabinets will provide the ability to implement more advanced functionality for traffic control with improved communication capability.

Under the agreement, NCTCOG will reimburse the City up to \$311,231.00. The City will front the funds for design and construction and seek reimbursement from NCTCOG. The table below itemizes the funding sources and the City's matching funds for this project. The total project cost is \$350,000.00.

Federal Reimbursement	\$280,000.00
State Match	\$31,231.00
Local Participation (Obligation)	\$38,769.00
<b>Total Cost</b>	<b>\$350,000.00</b>

Staff will manage both the design, equipment procurement and construction of the project.

Indirect costs are not applicable to this grant because no City salary expenses are to be incurred in the grant.

Approval of this Mayor and Council Communication will authorize \$38,769.00 in 2018 Bond program funds for Traffic Signals as the City's funding contribution for the purchase and installation of signal communication modems, PTZ cameras, cabinets, and controllers.

The project is scheduled to begin June 2020 and to be completed in May 2021.

A Form 1295 is not required because: This contract will be with a governmental entity, state agency or public institution of higher education:  
NCTCOG

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## **FISCAL INFORMATION / CERTIFICATION:**

The Director of Finance certifies that upon approval of the above recommendations and adoption of the attached appropriation ordinances, funds will be available, as appropriated, in the Grants Cap Projects Federal Fund and in the Grants Capital Project State Fund. The Transportation and

Public Works Department will be responsible for the collection and deposit of funds due to the City. Prior to expenditure being incurred, the Transportation and Public Works Department has the responsibility to validate the availability of funds. This is a reimbursement grant.

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