
City Council Regular Meeting

DEPARTMENT: Capital Engineering
FROM: Eric Oscarson, Deputy City Manager
MEETING: July 22, 2024

SUBJECT:

Consider approval of the traffic signal maintenance and operations provisions and authorize the city manager to execute the agreement with TxDOT. *(Staff Contact: Eric Oscarson, Deputy City Manager)*

SUMMARY:

In December 2019, the City Council adopted the Intelligent Transportation System (ITS) Strategic Plan. The plan recommended a three-phased implementation over a five to 10-year period.

On June 17, 2024, City Council received a presentation with regards to implementing the ITS project and directed staff to move forward.

The ITS project will consist of an advanced traffic management system (ATMS), new vehicle detection, new video cameras, emergency response vehicle preemption, a traffic management center, and a resident facing website.

Capital Engineering staff has been actively working with IT and purchasing to identify opportunities for savings for the project and have identified a path forward utilizing cooperative purchasing agreements with various vendors.

Implementation of the project requires multiple contracts and an agreement with TxDOT to take over maintenance of the signals.

The agreement with TxDOT will allow the city to install the new technology along TxDOT maintained corridors and the city will begin providing maintenance to existing TxDOT infrastructure.

RECOMMENDATION:

Approve the traffic signal maintenance and operations provisions and authorize the city manager to execute the agreement with TxDOT.

PRIOR ACTION/INPUT (Council, Boards, Citizens):

June 17, 2024 – City Council provided direction to proceed with ITS implementation.

REFERENCE:

CSO #1205-12-2019 – City Council adopted the Intelligent Transportation Strategic Plan

FISCAL IMPACT:

N/A

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