
City Council Regular Meeting

DEPARTMENT: Public Works

FROM: Eric Oscarson, Director of Public Works

MEETING: March 20, 2023

SUBJECT:

Consider approval of a Memorandum of Understanding (MOU) between the City of Burleson and the Dallas-Fort Worth Regional Intelligent Transportation System (ITS) partners. *(Staff Contact: Eric Oscarson, Director of Public Works)*

SUMMARY:

The Public Works Department maintains and operates 16 traffic signals across the city. As part of the maintenance and operation of the signals, certain data is collected. In the near future, staff will be bringing forward a GO Bond funded Intelligent Traffic Systems project that will allow for significantly more data collection at each location. This data will be used to make informed decisions regarding the timing and function of traffic signals across the city.

This data is vital in making decisions for not only the city of Burleson, but also the region. The North Central Texas Council of Governments (NCTCOG) is responsible for the maintenance of the North Texas Intelligent Transportation System Regional Architecture, which is a blueprint for transportation integration and technological advancement through agreements and implementation. NCTCOG has a policy in Mobility 2040: The Metropolitan Transportation Plan for North Central Texas, which is long-term transportation plan that defines a vision for the region's multimodal transportation system and requires the integration of all traffic operations systems between public sector entities, including sharing of data and video.

As part of the MOU, the city will be required to participate in ITS regional meetings, have hardware and software that allows for collaboration, and provide access to our video feeds and traffic data to the regional partners. There are many benefits to authorizing this MOU, which include participation in the meetings regarding the ITS improvements in the region, opportunities to coordinate with regional partners on ITS projects, and additional opportunities for future ITS funding.

OPTIONS:

- 1) Authorize a Memorandum of Understanding between the City of Burleson and the Dallas-Fort Worth Regional Intelligent Transportation System partners.

- 2) Do not authorize a Memorandum of Understanding between the City of Burleson and the Dallas-Fort Worth Regional Intelligent Transportation System partners.

RECOMMENDATION:

Authorize a Memorandum of Understanding between the City of Burleson and the Dallas-Fort Worth Regional Intelligent Transportation System partners.

STAFF CONTACT:

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