



## MEMORANDUM

**To:** Mayor and City Council

**From:** Ken Griffin, P.E., Director of Engineering and Public Works

**Date:** August 22, 2017

**Reference:** Interlocal Cooperation Agreement (ICA) with North Central Texas Council of Governments (NCTCOG) for Signal Timing Grant

**2030:** Sustainable City Government, Goal 3  
Excellent and Well-maintained City Infrastructure and Facilities

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### General Information:

- Staff is beginning the implementation phase of new signal timing for traffic signals along Denton Tap between Sandy Lake Road and Natches Trace.
- NCTCOG utilizes Congestion Mitigation and Air Quality (CMAQ) Federal Funds to implement improved corridor signal timing throughout the region.
- Staff had discussion with NCTCOG staff regarding availability of signal timing grant funds, was original advised that no funding was available, but later was advised that limited funds were available.
- This grant leverages \$15,680 of local funds into new signal timing for 14 traffic signals. Without the grant this funding would cover the cost to re-time three signals.
- Upon completion, updated signal timing will be in place for all traffic signals along Denton Tap from SH 121 to Belt Line, Belt Line south of Southwestern, and all of Sandy Lake Road.

### Introduction:

As part of the regional air quality improvement strategy, NCTCOG utilizes CMAQ funds to hire consultants to develop and implement new signal timing throughout the region. This grant will leverage \$15,680 in local funds into \$78,400 of signal timing work. The intersection locations are identified in Attachment A of the Interlocal Cooperation Agreement (ICA).

### Analysis:

Traffic flow improvement is an ongoing effort in Coppell for several reasons, including traffic signal operations. Staff has been working to improve signal timing along major arterials and is actively implementing changes along the northern segments of Denton Tap. To build on the improvements

that will be realized with these timing changes, as well as the implementation of the new traffic signal controllers at all traffic signals, staff has worked with NCTCOG staff to develop a signal timing effort for signals along Sandy Lake, Denton Tap, and Belt Line. This regional project is managed and administered by NCTCOG, with cooperation and coordination by city staff. In this instance, the consultant that will develop and implement the timing is the same consultant that Coppell staff selected to conduct the re-timing along north Denton Tap. The grant application was reviewed and approved by the Grant Advisory Committee, and the local matching funds are available from Engineering Department operating budget. The local match will be payable to NCTCOG upon approval of the ICA. Work on the signal timing effort would be expected to begin in the fourth quarter of 2017.

**Legal Review:**

The City Attorney reviewed the Interlocal Cooperation Agreement.

**Fiscal Impact:**

The fiscal impact of this item is \$15,680, as provided in the Engineering budget.

**Recommendation:**

The Engineering Department recommends approval of the Interlocal Cooperation Agreement.