



## MEMORANDUM

**To:** Mayor and City Council

**From:** Kent Collins, P.E., Director of Public Works

**Date:** September 25, 2018

**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:

- NCTCOG utilizes Congestion Mitigation and Air Quality (CMAQ) Federal Funds to implement improved corridor signal timing throughout the region.
- Staff submitted a grant application to re-time signals along Belt Line, but the project did not meet the minimum number of signals (five) to be considered for funding.
- Staff then approached Carrollton to partner on a larger grant to link signals along the Belt Line corridor.
- This grant leverages \$4,480 of city funds to complete the signal timing for four traffic signals, with a total project cost of \$22,400. Without the grant, this city funding would cover the cost to re-time one signal.
- This grant covers all full signals along Belt Line east of Denton Tap.

### 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 \$4,480 in local funds into \$22,400 of signal timing work. The intersection locations are identified in Attachment A of the Interlocal Cooperation Agreement (ICA), and they comprise the four signals along Belt Line east of Denton Tap.

### 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 over the past few years. 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 Belt Line east of Denton Tap. This regional project is managed and administered by NCTCOG, with cooperation and coordination by city staff. This is a continuation of previous grants that implemented traffic signal timing along Denton Tap, Belt Line and Sandy Lake. The local matching funds are available from Public Works 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 2018.

**Legal Review:**

This is the same agreement used for previous grants, which was reviewed by the City Attorney.

**Fiscal Impact:**

The fiscal impact of this item is \$4,480, as provided in the Public Works budget.

**Recommendation:**

The Public Works Department recommends approval of the Interlocal Cooperation Agreement.