



## Legislation Text

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### Agenda Information Sheet

**DEPARTMENT:** Engineering Services

**CM/ ACM:** Jon Fortune

**Date:** September 13, 2016

#### **SUBJECT**

Consider adoption of an ordinance approving a Metropolitan Mobility Agreement for State-Contracted Traffic Signal Construction between the City of Denton and the Texas Department of Transportation (TxDOT), concerning the City providing certain traffic signal equipment with reimbursement by TxDOT for IH 35E grade separation improvements at Loop 288 (CSJ No. 0196-01-106); authorizing the City Manager to execute the agreement; and providing for an effective date.

#### **BACKGROUND**

City staff has been working with TxDOT staff since the Fall of 2015 to have TxDOT construct grade separation improvements along I-35E at Mayhill (add a U-Turn on the west side), Brinker Rd. (add an I-35E overpass to connect Brinker Rd. to the I-35E south frontage road) and Loop 288 (replace the existing I-35E overpass with a longer overpass to allow 4-lanes of Loop 288 in each direction to alleviate congestion at this highly congested intersection). TxDOT has completed the roadway plans to accomplish this work and advertised the project. Bids are scheduled to be received on September 9, 2016, with construction contract award scheduled for September 29, 2016.

A portion of this project involves the installation of traffic signals at the intersections of I-35 E with Loop 288/Lilian Miller Parkway within the City of Denton, which the City will operate and maintain upon completion (as is normal for all traffic signals within the City of Denton). The cost of the design and construction of these signals is included in the TxDOT project. However, the City of Denton uses specific manufacturers' equipment for traffic signal control cabinets and cabinet bases, Uninterrupted Power Supply (UPS) system, advanced radar detection, Ethernet radio with antenna and Ethernet switch at traffic signals for uniformity of software, parts and maintenance. As such, the City prefers to supply certain desired equipment for installation by the State at these intersections. The attached Metropolitan Mobility Agreement provides for the City to provide certain equipment and be reimbursed by TxDOT for these materials in a total estimated amount of \$53,865.

#### **OPTIONS**

1. Approve the ordinance approving the Metropolitan Mobility Agreement and authorizing the City Manager to execute the agreement.
2. Decline to approve the ordinance; thus declining the reimbursement or declining the opportunity for the City to furnish certain traffic signal equipment and maintain uniformity in the traffic signal systems it must maintain.

### **RECOMMENDATION**

Staff recommends approval of the ordinance.

### **ESTIMATED SCHEDULE OF PROJECT**

TxDOT plans to complete the grade separation improvements project by mid-2018.

### **FISCAL INFORMATION**

The City would receive reimbursement for approximately \$53,865 of materials it plans to furnish for traffic signals on the project.

### **BID INFORMATION**

TxDOT will receive bids for the project on September 9, 2016.

### **STRATEGIC PLAN RELATIONSHIP**

The City of Denton's Strategic Plan is an action-oriented road map that will help the City achieve its vision. The foundation for the plan is the five long-term Key Focus Areas (KFA): Organizational Excellence; Public Infrastructure; Economic Development; Safe, Livable, and Family-Friendly Community; and Sustainability and Environmental Stewardship. While individual items may support multiple KFAs, this specific City Council agenda item contributes most directly to the following KFA and goal:

**Related Key Focus Area: Public Infrastructure**

**Related Goal: 2.2 Seek solutions to mobility demands and enhance connectivity**

### **EXHIBITS**

1. Metropolitan Mobility Agreement
2. Mobility Ordinance

Respectfully submitted:  
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Director of Engineering Services