



Legislation Details (With Text)

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**Title:** Receive a report, hold a discussion and provide direction regarding the alignment of the proposed Loop 288 West project.

**Sponsors:**

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**Attachments:** 1. 1. Loop 288 West On-System Project Report - June 2017, 2. 2. Current/original alignment (conflicts), 3. 3. Proposed alternative alignment

Date	Ver.	Action By	Action	Result
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Agenda Information Sheet

**DEPARTMENT:** Transportation

**ACM:** Mario Canizares

**Date:** June 13, 2017

**SUBJECT**

Receive a report, hold a discussion and provide direction regarding the alignment of the proposed Loop 288 West project.

**BACKGROUND**

The proposed alignment for Loop 288 West has encountered conflicts which will alter the alignment of Loop 288 as it approaches IH 35W along the FM 2449 corridor. On May 31, City staff, ITS, TxDOT and representatives from the CP&Y design team met the Airport to discuss the current alignment of the proposed West Loop 288. Two issues exist. First, there is a DME transmission line that currently runs north of and parallel to FM 2449 and the proposed alignment for Loop 288 West. Second, an existing gas well located just south of FM 2449, approximately 1/4-mile west of John Paine Road conflicting with the proposed alignment.

The width of the proposed Loop 288 West alignment does not fit between the transmission lines and the gas well. Moving the DME transmission lines further to the north to accommodate the requisite width of 288 would be fairly costly, approximately \$1M. The cost to move each tower is estimated at \$150,000 and multiple towers would need to be relocated. Additional easements would also need to be acquired from the Cole Ranch development for the transmission line relocation. Moving the gas well would also be very costly. It is estimated that the cost to adjust the well would be approximately \$12 million. CP&Y has provided an alternate route that would pass south of the gas well. The benefits to this alternative is that it misses the DME transmission line, the gas well and the alignment should not require any additional easements from the Cole Ranch. The down side is that it moves the alignment south and away from the Cole Ranch property, thereby

removing a significant section of frontage from that development.

Staff and ITS will review the current alignment and the proposed alignment as part of the briefing on this agenda item.

### **STRATEGIC PLAN RELATIONSHIP**

The City of Denton's Strategic Plan is an action-oriented road map that will help the City 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:                    1.6 Collaborate with local, regional, state, and federal partners**

### **EXHIBITS**

1.      Loop 288 West On-System Project Report - June 2017
2.      Current/original alignment (conflicts)
3.      Proposed alternative alignment

Respectfully submitted:  
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Transportation Director