



## MEMORANDUM

**To:** Mayor and City Council

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

**Date:** April 11, 2017

**Reference:** Denton Tap and Sandy Lake Road Streetscape Change Order #4

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

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### General information:

- Original contract value: \$3,826,825.07
  - Council Award June 9, 2015. CRDC Award August 4, 2015.
- Began Construction on November 2, 2015
  - 200 Calendar Days, completion May 20, 2016
- Change Order #1 (\$6,579.15) includes:
  - Changed quantities to reflect as awarded vs. as bid. Signed by City Manager.
- Change Order #2 (\$175,306.25) includes:
  - Installation of 26 streetlights along W. Sandy Lake from N. Coppel to SH 121 (\$119,204.70)
  - Additional items necessary to complete the project (\$56,101.55)
  - Addition of 5 days plus time for installation of street lights on W. Sandy Lake. (ordering poles and lights become critical path)
- Change Order #3 (49,886.07) includes:
  - Revisions to landscape plans due to plan errors. Signed by City Manager
  - Engineer paid back \$16,463.46 for their responsibility of the work.
- Change Order #4 (\$97,176.24) includes:
  - Damages to landscaping on W. Sandy Lake for construction/demolition of street light poles. (Contractor taking responsibility for a portion of the work)
  - Additional retaining wall at the intersection of Denton Tap Road and Sandy Lake Road.

**Introduction:**

This agenda item is being presented for approval of a change order to the Denton Tap and Sandy Lake Road Streetscape project to add replacement of landscaping along W. Sandy Lake Road as well as items that have come up during construction of the project.

The purpose of this project was to construct turn lanes at the intersection of Sandy Lake Road/Denton Tap Road, bury several power line segments and rehabilitate landscaping and irrigation of the median along Denton Tap Road, from the northern City limit (just south of Highland Drive) to Southwestern Boulevard. The project included the utilities, drainage, paving and landscape.

Since the replacement of the street lights along W. Sandy Lake from N. Coppel west to SH 121, approved with Change Order #2, it has been determined that much of the landscaping and irrigation was damaged during the performance of the work.

**Analysis:**

The contract called for installation of street lights along Denton Tap Road. The contractor was willing to extend the pricing to W. Sandy Lake Road with Change Order #2. However, during construction, it was realized that the efforts involved in removing the old foundations, re-connecting the conduit and installing new foundations to tie into the conduit, took more effort and created damage to the existing landscaping.

Change Order #4 includes the necessary planting materials and stamped concrete work to restore the medians along W. Sandy Lake Road from SH 121 to N. Coppel Road to their original condition.

Other pieces of Change Order #4 include additional retaining wall at the intersection of Denton Tap Road and Sandy Lake Road. With approval of Change Order #4, the total change orders on the project will represent approximately 9% over the original contract amount.

If Change Order #4 is approved by Council, then it will be presented at the next CRDC meeting for funding.

**Legal Review:**

Agenda item did not require legal review.

**Fiscal Impact:**

The fiscal impact of this Agenda item is a total amount of \$97,176.24 from CRDC funding.

**Recommendation:**

The Engineering Department recommends approval of Change Order #4 to the Denton Tap and Sandy Lake Streetscape Project.