



MEMORANDUM

To: Mayor and City Council

From: Mike Garza, P.E., Assistant Director of Public Works
Kent Collins P.E., Director of Public Works

Date: December 14, 2021

Reference: Denton Tap Road Intersection Improvements Change Order #2

2040: Pillar 0: Sustainable City Government
Goal 4: City Services to Ensure High Levels of Customer Satisfaction

General Information:

- Council awarded the construction contract to Rebcon in January 2021
- Construction began in April 2021 with completion expected in May 2022
- The original contract amount was \$2,777,148.70.
- Change order #1 was to replace the sidewalk with extension of the 8'-wide trail along Parkway from Hertz to Denton Tap.
- This Change order is to add the right turn lane on the SH 121 service road to Denton Tap in the amount of \$261,235.25

Introduction

This agenda item is being presented to consider approval of a change order in the amount of \$261,235.25 for the construction of a right turn lane on the SH 121 service road to southbound Denton Tap Road., as part of the Denton Tap Intersection improvement project; funded through bond proceeds; and authorizing the City Manager to sign any necessary documents.

Analysis:

The original contract consists of constructing auxiliary lanes at various intersections to improve capacity at the intersection. The intersections are:

- Denton Tap Road at Parkway Boulevard – southbound right-turn, westbound right-turn, eastbound right-turn, northbound additional left-turn
- Denton Tap Road at Sandy Lake Road – southbound right-turn

- Denton Tap Road at Bethel School Road – northbound right-turn, southbound right-turn, eastbound right-turn, westbound right-turn
- Denton Tap Road at E Belt Line Road/Southwestern Boulevard – southbound additional left-turn

This change order is to construct a right turn lane on the SH 121 service road at the Denton Tap intersection. This right turn lane was not part of the original plan, but it was discussed at the January 12th council meeting when the contract was awarded, and multiple times subsequent to that meeting. After that meeting, staff worked with the contractor and designer to develop a scope and amend the design. Staff also began working with TxDOT on permitting at that time because this turn lane is in TxDOT right-of-way. The pricing in this change order utilizes the unit pricing in the existing contract and includes signal modifications necessary to accommodate the right turn lane. The value of the signal work alone is just over \$90,000. This change order will add 120 days to complete this work due to the lead time for the materials purchase. The primary traffic impacts from this work will be related to access to the bank, but shared access will allow their customers to access through adjacent developments to the west or along Denton Tap.

Legal Review:

The City's standard construction contract has been reviewed by legal periodically, with changes made as requested.

Fiscal Impact:

The fiscal impact of this item is \$261,235.25, funded through bond proceeds.

Recommendation:

The Public Works Department recommends approval of this item.