



COLLIN COUNTY

Engineering Department
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Date: December 17, 2018
To: Commissioners Court
From: Tracy Homfeld, PE, Asst. Director of Engineering
Subject: Request for Approval of Supplement #2 to the Engineering Services Scope and Fee for FM 2551 from FM 2514 to FM 2170, 2007 Bond Project # 07-00-20. Total \$556,605

BACKGROUND:

Collin County funded the schematic and environmental document for FM 2551 from FM 544 to FM 2170. This was prepared by CP&Y. The original Environmental Assessment (EA) Document was approved in 2010.

Commissioners Court also approved an Engineering Services Agreement with CP&Y for FM 2551 from FM 2514 (Parker Road) to FM 2170 on 8-6-2012, Court Order #2012-523-08-06, for a total of \$1,822,311.

The court approved Supplement #1 on 8-24-15, Court Order #2015-558-08-24, in the amount of \$135,837 for work associated with a required environmental re-evaluation and additional survey needed due to development along the corridor.

CURRENT WORK:

The County and TxDOT have had extensive discussions with the North Texas Municipal Water District (NTMWD) due to conflicts between the roadway widening plans and NTMWD utilities. Due to the extent of the conflicts and the sensitivity of an 84" water line, CP&Y has been required to make many design iterations. Below is a summary of the tasks included in Supplement #2:

- Extensive coordination with TxDOT and NTMWD in an attempt to resolve the conflicts between the roadway and NTMWD utilities.
- Redesign and creation of alternative alignments to minimize impacts between the roadway and NTMWD utilities.
- Expansion of drainage scope to include analyzing the existing storm sewer along FM 2514 (Parker Rd.) and either upgrading or designing a parallel system via pavement cut and restoration along FM 2514 at FM 2551 for approximately 2600 ft. to Maxwell Creek to the west.
- Preparation of new ROW documents and update of the ROW map.
- Adjustment of fee to compensate for the time of the contract extending far beyond original estimates and schedule (personnel salary increases). 7% for six years since 2012.

The total of Supplement #2 is:

\$486,605 CP&Y fee

+ \$70,000 BW2 Surveying fee

TOTAL = \$556,605

The following Budget Adjustments will need to be done to accommodate the additional funding. We will be utilizing unspent funds in old Bond Project Codes:

\$36,488 from RICONTNG (Road Bond Contingency)

\$2,122 from 03-115 (2003 Bond Discretionary)

\$156,994 from 07-00-00 (2007 Bond Discretionary)

\$347,434 from 99-00-00 (1999 Bond Discretionary)

\$1,500 from 03-081 (FM 2551 from FM 544 to FM 2514)

\$11,786 from 07-00-11 (SH 78 ROW)

\$281 from 99-00-19 (FM 2170 from FM 2551 to FM 1378)

TOTAL = \$556,605

County engineering staff has reviewed the scope and fee and find the scope and fee appropriate.

We will continue to work closely with the TxDOT area and district staff as we proceed through the rest of final design.

We request approval of Supplement #2 to the CP&Y Engineering Services Scope and Fee for FM 2551 from FM 2514 to FM 2551 in the amount of \$556,605 for Bond Project #07-00-20 and associated budget adjustments.