



COLLIN COUNTY

Engineering Department
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Date: July 23, 2012
To: Commissioners Court
From: Ruben E. Delgado, PE, Director of Engineering
Subject: Request for Approval of Phase I and II of the CP&Y Engineering Services Scope and Fee for FM 2551 from FM 2514 to FM 2551 – New Bond Project # 07-00-20

Collin County funded the schematic and Environmental document for Murphy Rd (FM 2551) from FM 544 to FM 2170. This was prepared by CP&Y. The Schematic and Environmental Assessment Document was approved in 2006.

Collin County also funded the Final Design for Murphy Rd (FM 2551) from FM 544 to FM 2514 (Parker Road). This was also prepared by CP&Y. Final Design for this section is complete and the project has been let. By funding this section, the county was able to expedite this project such that it qualified for Regional Toll Revenue (RTR) funding. Utilities are being relocated presently and the contractor will begin roadwork shortly.

CP&Y has now submitted a scope and fee for the northern section of Murphy Rd (FM 2551) from FM 2514 to FM 2170. The Engineer will provide plans, specifications and estimates (PS&E). The project length is 3.4 miles. Project development will be done in two phases. Phase I work will include obtaining accurate locations and depths for the major NTMWD water and wastewater lines. 60% of the work will be done in this first phase. Phase II will include the construction plans. Construction for this project is presently unfunded but when it does become available, by funding PS&E, the project development will be well underway.

According to TxDOT data, the Average Daily Traffic (ADT) for Murphy Rd (FM 2511) from FM 544 to FM 2514 is approximately 7800 vpd. The ADT for Murphy Rd. from FM 2514 to FM 2170 is approximately 7000 vpd, in effect the same amount of traffic and the need for congestion relief.

The Engineering staff scrutinized the attached scope and fee. We negotiated with CP&Y and were able to reduce hours associated with surveying, data collection, project layout sheets, SW3P, signing and pavement marking and traffic control for a savings of approximately \$74,000. This is CP&Y's best and final fee for the additional required engineering services.

TxDOT has also reviewed the scope and fee. We will work closely with the area and district staff as we proceed through the design.

The 2003 Bond program allocated funds for the construction of Murphy Rd. (FM 2551) from FM 544 to FM 2514. This project received RTR funding making available these bond funds for the design of the northern section. No discretionary dollars are needed.

We request approval of Phase I and II of the CP&Y Engineering Services Scope and Fee for FM 2551 from FM 2514 to FM 2551 – New Bond Project # 07-00-20.

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