



Alfred Benesch & Company
8 Cadillac Drive, Suite 250
Brentwood, Tennessee 37027
www.benesch.com
P 615-370-6079
F 615-627-4066

August 26, 2019

Mr. Jonathan Marston, PE
City of Franklin
109 Third Avenue South, Suite 142
Franklin, TN 37064

RE: Supplemental Scope and Man-day Estimate to Provide Engineering Services
For McEwen Drive WB ramp to I-65 Southbound
Franklin, TN

Dear Mr. Marston:

Per our phone conversations and email correspondence, we have completed a scope and man-day estimate to identify items that were added to the project outside the original scope of services. In addition, we have included a cost plus amount to provide as needed construction phase assistance. We appreciate the opportunity to submit this information for your review. The additional scope of work items are detailed as follows:

1. Conceptual Design and Construction Estimate for potential widening of interchange ramp from northbound I-65 to eastbound McEwen Drive
 - a. Benesch coordinated with the City and TDOT to provide a conceptual design for the widening of the interchange ramp from NB I-65 to EB McEwen Drive. Benesch discussed this option with Shane Hester at TDOT Region 3 and Robert Jowers with TDOT Geotech Division. We also corresponded with TTL to obtain accurate pricing information.
 - b. Benesch reviewed alternatives related to the potential rock cut or rock draping that would be required to satisfy TDOTs requirements for a rock catchment area.
 - c. Benesch also reviewed construction cost estimates related to the potential rock catchment area alternatives.
 - d. Additional Hours:
 - i. Principal: 8hrs @ \$200/hr = \$1,600
 - ii. Project Engineer II: 11.5hrs @ \$122/hr = \$1403
2. Additional Utility Coordination
 - a. Benesch completed addition utility coordination which involved the following:
 - i. Project site visit with MTEMC and the City to discuss the relocation of existing roadway lighting.
 - ii. Extensive coordination with Mallory Valley Utility District regarding easement documents. Said coordination was needed to discuss the fact that their line was placed outside the original easement documents.
 - iii. Review of Atmos Gas facilities.
 - b. Additional Hours:
 - i. Project Engineer II: 7hrs @ \$122/hr = \$854



3. Deed and Exhibit for ROW acquisition on Drury Property
 - a. Benesch created an exhibit and deed description for the acquisition of permanent fee-simple right-of-way and a temporary construction easement for one parcel.
 - b. Benesch reviewed additional right-of-way documentation provided by the City to ensure that the original survey data was correct and that based on all available information, right-of-way acquisition would be required.
 - c. Additional Hours:
 - i. Project Engineer II: 4hrs @ \$122/hr = \$488
4. Construction Phase Assistance (As Needed):
 - a. Cost Plus \$10,000.00

Based on the above scope of additional services the total supplement amount is as follows:

Items 1, 2 and 3	Lump Sum	\$ 4,345.00
Item 4	Cost Plus	\$10,000.00
Total		\$14,345.00

If you have any questions or need additional information, please let me know.

Sincerely,

A handwritten signature in blue ink, appearing to read "Sammie McCoy".

Sammie McCoy, PE
Vice President