

9 November 2020

Mark Witsman, PE  
Town Engineer  
Town of McCordsville  
6280 W 800 N  
McCordsville, Indiana 46055

***Re: Town of McCordsville, Indiana  
Mount Comfort Road CSX Railroad Crossing  
Proposal for Additional Investigation of the East Offset Underpass Alignment  
Contract Modification No. 1***

Dear Mr. Witsman:

Based on the outcomes from the 29 October 2020 Underpass Alignment Optimization Workshop, the Town of McCordsville prefers the East Offset Alignment for the underpass. However, before finalizing this underpass alignment selection, the Town has instructed the McMillen Jacobs team to further investigate the East Offset Alignment to allow for a better understanding of the risk associated with this alignment, especially in the vicinity of the gasoline station at the southeast corner of Mount Comfort Road and State Route 67. Therefore, McMillen Jacobs is proposing the following scope and fee to complete this additional investigation.

### **Scope of Work**

1. Updates to Base Map
  - a. Review record information provided by Town regarding the location of the underground fuel tanks at the gasoline station
  - b. Include the fuel tank and other newly discovered information into the base map
2. Geotechnical Investigation
  - a. Obtain two environmental borings; one directly on the east alignment and a second reasonably close to the underground fuel tanks at the gasoline station on the southeast corner of Mount Comfort Road and State Route 67. The purpose of this additional drilling is to provide an understanding of the geology that will be encountered to construct an underpass, plus to verify whether there are contaminated soils within the proposed excavation envelope.
  - b. Environmental testing of soil and groundwater for volatile organic compounds, polycyclic aromatic hydrocarbons, naphthalene, and lead
  - c. Report describing findings, conclusions, and recommendations
3. Expanded Evaluation of East Alignment
  - a. Develop the typical section of the roadway and associated retaining walls south of the proposed underpass; typical section will account for the following INDOT criteria: lane width, super-elevation, sidewalk width, and other horizontal clearance requirements
  - b. Identify the critical cross section along the East Offset Alignment in relation to the buried fuel tanks at the gasoline station and overlay the typical section
  - c. The deliverable will consist of a technical memorandum documenting the findings, conclusions and recommendations.

## **Compensation and Fee**

The table below describes the proposed fee to perform the Preliminary Planning Services.

<b><u>Scope Items</u></b>	<b><u>Lump Sum Amount</u></b>
Updates to Base Map	\$1,000
Environmental Subsurface Investigation	\$5,450
Evaluation of East Offset Alignment in Relation to Gas Station	\$9,000
<b>Total Additional Lump Sum Fee for Contract Modification No.1 =</b>	
	<b>\$15,450</b>

If approved this scope and fee is approved by Town Council, we propose that it be handled as a modification to our existing contract. The revised fee information is outlined below:

Original Contract Amount =	\$198,142
<u>Modification No. 1 =</u>	<u>\$ 15,450</u>

**New Contract Amount = \$213,592**

Please contact me at your convenience if you have any questions or comments regarding the proposed scope, schedule, and fee. I am available via telephone at (216) 285-9685 (office) or (216) 513-7067 (mobile), and via e-mail at dombroski@mcmjac.com.

Best regards,

*K. Leo Dombroski*

Kenneth Leo Dombroski, PE, MPA  
Central Region Vice President