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July 27, 2022

Mr. Mark Witsman, PE
Town Engineer
Town of McCordsville
6280 W 800
McCordsville, IN 46055

**Re.: Mt. Comfort Road at The Villages at Brookside Subdivision
Guardrail Assessments – McCordsville, IN**

Dear Mr. Witsman:

The Etica Group, Inc. is pleased to submit this proposal to conduct a guardrail assessment along Mt. Comfort Road just south of The Villages at Brookside subdivision in McCordsville, IN.

We appreciate this opportunity and look forward to providing the highest quality of professional services in working with the Town of McCordsville.

Respectfully Submitted,

A handwritten signature in black ink, reading "Kevin L. Miller", is enclosed in a thin black rectangular border.

Kevin Miller, PE
Director of Engineering Services

Enclosures

cc: file

Guardrail Assessment Study Mt. Comfort Rd. at The Villages at Brookside

Town of McCordsville

July 27, 2022

Project Description

This scope of work includes required tasks to conduct and assessment for roadside safety along Mt. Comfort Road beginning approximately 1,200 feet south of the entrance for The Villages at Brookside subdivision. The intent of this assessment to determine if additional safety measures beyond the tubular markers are required to protect the existing multi-use path on the east side of Mt. Comfort Road from the vehicular travel lanes. Etica Group shall perform the guardrail assessment as detailed in the scope below.

GUARDRAIL ASSESSMENT

I. Site Investigation and Measurements

- A. Etica Group shall conduct an on-site field investigation. The following field measurements are included in this scope of work.

- 1. Offset distance from existing travel lane edge to multi-use path

II. Design Calculations and Alternative Development

- A. Research and compile INDOT's design standards which will serve as the basis for the alternative development and recommendations.
- B. Analyze the following alternatives and provide a summary of the findings in a review letter to the Town of McCordsville.
 - 1. Do Nothing.
 - 2. Removal of pavement in buffer between the roadway and multi-use path and replace with grass.
 - 3. Removal of pavement in buffer between the roadway and multi-use path and install curb and gutter with grass.
 - 4. Install guardrail within pavement in the existing buffer between the roadway and multi-use path.
- C. Perform Length of Need calculation for guardrail alternative.

III. Alternative Cost Estimations

- A. Perform quantity calculations in accordance with INDOT standards and pay items for each alternative above.
- B. Create cost estimate for up to 3 alternatives utilizing INDOT bid history for unit prices. Etica Group shall also coordinate with a local supplier in order to obtain the most current pricing as possible.

MEETINGS

- A. Attendance of up to one (1) virtual meeting to coordinate with the Town and present the findings of the guardrail assessment study.

ITEMS NEEDED FROM OTHERS

- A. Existing vehicular AADT along Mt. Comfort Road

ASSUMPTIONS AND EXCLUSIONS

- A. Design and development of roadway and multi-use path improvement plans are not included in this scope and fee.
- B. Traffic data collection is not included in this scope and fee.

SCHEDULE

- A. The final project schedule will be coordinated with the Town of McCordsville once Notice to Proceed (NTP) is granted. It is anticipated that the draft Guardrail Assessment Study can be completed within approximately 4 weeks of NTP.

DELIVERABLES

- A. Guardrail Assessment Review Letter
- B. Alternative Quantity Calculations
- C. Alternative Cost Estimates

COMPENSATION

- A. Total fee to complete this scope of work - \$7,400

ACCEPTANCE

Town of McCordsville

Etica Group, Inc.

Signature

Signature

Name

Jessica Nickloy
Name

Title

President / CEO
Title

Date

Date

