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Certified WBE | DBE

July 27, 2022

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

**Re.: Carroll Road South of 96th Street
Guardrail Assessments – McCordsville, IN**

Dear Mr. Witsman:

The Etica Group, Inc. is pleased to submit this proposal to conduct a guardrail assessment along Carroll Road just south of 96th Street 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 Carroll Road South of 96th Street

Town of McCordsville

July 27, 2022

Project Description

This scope of work includes required tasks to conduct and assessment for roadside safety along Carroll Road beginning approximately 1,550 feet south of the intersection at 96th Street. A recommendation will be made based on the assessment as to whether an existing run of deficient guardrail can be removed or will require replacement. 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. Slope of embankment
 - 2. Embankment height
 - 3. Length of deficient guardrail

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. Existing metal guardrail to remain in place.
 - 2. Removal of existing guardrail with no replacement.
 - 3. Removal of existing guardrail and installation of new guardrail.
- C. Perform Length of Need calculation for guardrail alternative (as-needed).

III. Alternative Cost Estimations

- A. Perform quantity calculations in accordance with INDOT standards and pay items for the recommended alternative.
- B. Create cost estimate for the recommended alternative 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 Carroll Road

ASSUMPTIONS AND EXCLUSIONS

- A. Design and development of roadway improvement plans are not included in this scope and fee.
- B. Traffic data collection is not included in this scope and fee.
- C. Quantity calculations and cost estimate of only the recommended alternative are included in this scope and fee. If additional alternatives are requested, a supplement to this fee may be required.

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 3-4 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 - \$5,300

ACCEPTANCE

Town of McCordsville

Etica Group, Inc.

Signature

Signature

Name

Jessica Nickloy
Name

Title

President / CEO
Title

Date

Date

