RESOLUTION AUTHORIZING CHAIRMAN TO SIGN AGREEMENT BETWEEN FELSBURG, HOLT, & ULLEVIG AND SARPY COUNTY TO COMPLETE A TRAFFIC SIGNAL WARRANT ANALYSIS AT THE INTERSECTION OF 186TH STREET AND NEBRASKA HIGHWAY 370

WHEREAS, pursuant to Neb. Rev. Stat. § 23-104(6), the County has the power to do all acts in relation to the concerns of the County necessary to the exercise of its corporate powers; and,

WHEREAS, pursuant to Neb. Rev. Stat. § 23-103, the powers of the County as a body are exercised by the County Board; and,

WHEREAS, the County of Sarpy desires to enter into an agreement for professional services with Felsburg, Holt & Ullevig to complete a traffic signal warrant analysis for the intersection of 186th Street and Nebraska Highway 370, located in Sarpy County; and,

WHEREAS, entering into said agreement is in the best interests of the citizens of Sarpy County.

NOW, THEREFORE, BE IT RESOLVED BY THE SARPY COUNTY BOARD OF COMMISSIONERS THAT this Board hereby authorizes the Chairman to sign Agreement between Felsburg, Holt, & Ullevig to complete a traffic signal warrant analysis at the intersection of 186th Street and Nebraska Highway 370.

The above Resolution was approved by a vote of the Sarpy County Board of Commissioners at a public meeting duly held in accordance with applicable law on the __________ day of May, 2018.

Attest

SEAL

Sarpy County Board Chairman

County Clerk
May 10, 2018

RE: 186th Street with N-370 Warrants Analysis Proposal

Mr. Denny Wilson, P.E., PhD
Sarpy County
15100 S 84th St
Papillion, NE 68046-4627

Dear Mr. Wilson:

This proposal describes the scope of services necessary to complete traffic signal warrant analysis for the intersection of 186th Street with N-370, located in Sarpy County. The information used to prepare this proposal is based on the information provided by Sarpy County and from conversations with you.

**Scope of Services**
The study will include evaluation of MUTCD traffic signal warrants for the intersection of 186th Street with N-370.

- A 24-hour traffic count will be conducted at the intersection of 186th Street with N-370.
- A field review will be conducted to confirm intersection geometrics, traffic control, and approach speed limits. Sight distance will be measured if deemed necessary during the site visit.
- Crash history will be reviewed as part of the warrant analysis. Sarpy County or NDOT shall provide the past 3 years of historic crash data for this intersection.
- A memo will be prepared outlining the results of this study.
- An after study will be completed once the traffic signal at the intersection of 192nd Street with N-370 is installed and operational. This will include a new 24-hour traffic count and a MUTCD traffic signal warrant analysis for the 186th Street with N-370 intersection.
- We anticipate up to one meeting with Sarpy County to discuss the findings of the study. This meeting may occur by telephone.
- No traffic control design is included as part of this proposal. Should design be needed, it could be completed under a separate contract.
- As part of FHU’s on-call traffic engineering contract with Olmsted & Perry Consulting Engineers, Inc., (City Engineer for the City of Gretna) FHU has reviewed several traffic studies in the vicinity of this project. Information from these area studies will be requested and utilized by FHU and include the following:
  - NDOT Signal Warrant Study, January 2018
  - Aspen Creek Development TIA, April 2013 by LRA
  - Gretna Public School Campus Traffic Study, September 2015 by LRA
  - Heritage Square Development, January 2010, by Olsson
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**Fee Estimate and Schedule**

FHU proposes to conduct the analysis for a lump sum amount of **$5,500.** The initial findings will be completed within 30 days from notice to proceed with the after study being completed 30 days after the traffic signal at 192nd Street with N-370 is operational this summer. Upon receipt of review comments from Sarpy County, FHU will finalize the study within one week.

If the conditions of this proposal are acceptable to you, please print and sign two copies of this letter, and mail or fax one copy to us for our files. If you have any questions about this proposal, please contact Mark Meisinger by email or at 402.445.4405.

Sincerely,

**FELSBURG HOLT & ULLEVIG**

______________________________

[Firm Name]

Kyle A. Anderson, PE, PTOE
Vice-President

Mark Meisinger, PE, PTOE
Project Manager

[Signature]

Accepted By

Chairman, Sarpy County Board
Title

5/22/18
Date

Approved asto-Form:

Deputy County Attorney