

# **SCOPE OF SERVICES**

**For**

## **Sioux City Hamilton Boulevard Corridor Traffic Study**

Request for Qualifications (RFQ)

January 22, 2021

### **Introduction**

SIMPCO requests proposals from qualified firms or teams of firms with the appropriate expertise to develop a complete traffic signal study of the Hamilton Boulevard corridor in Sioux City, Iowa to develop recommendations to improve level of service for the corridor. The goal is to complete a traffic signal study on Hamilton Boulevard between I-29 and Stone Park Boulevard, improve signal timing through the whole corridor, and identify the signal locations that are unwarranted, if any. The consultant firm(s) will evaluate current conditions and propose improvements to the level of services provided.

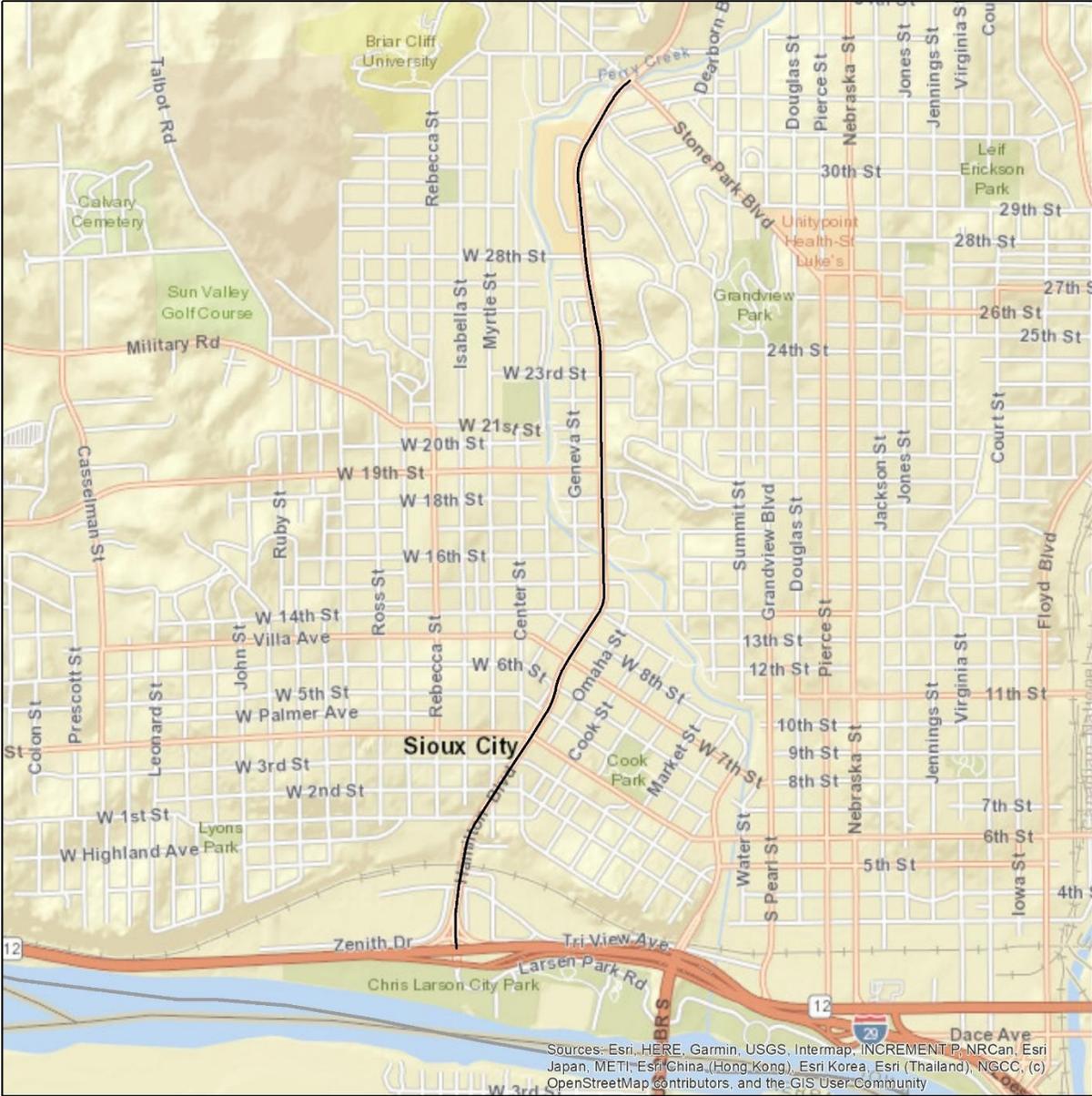
### **Project Background**

Hamilton Boulevard in Sioux City, Iowa experiences moderate-to-heavy traffic volumes consistently during the daytime hours. The study area from I-29 north to Stone Park Boulevard is approximately 2 miles long. The study area has a number of traffic signals and an abundance of driveway curb cuts and 'right-in, right-out' driveways. The majority of the corridor is commercial, with a few single family homes with driveway access on Hamilton Boulevard between W. 25<sup>th</sup> Street and W. 28<sup>th</sup> Street. There is one previous study of the area, conducted in 2006.

### **Study Area**

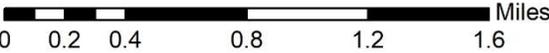
The study area is Hamilton Boulevard between I-29 and Stone Park Boulevard in Sioux City, Iowa. Below is a map of the study area.

# 2021 Hamilton Corridor Traffic Study Scope of Study City of Sioux City, IA



### Legend

— Hamilton Boulevard



The map does not represent a survey, no liability is assumed for the accuracy of the data delineated herein, either expressed or implied by SIMPCO.

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## **Study Objectives**

- 1) Complete traffic study on Hamilton Boulevard Corridor for purposes of re-evaluating traffic signal warrants at intersections between I-29 and Stone Park Boulevard.
- 2) Identify any unwarranted signal locations on the corridor.
- 3) Propose guidance for the phasing of the removal of any unwarranted signals.
- 4) Propose an updated and improved timing plan on the Hamilton Boulevard corridor.

## **Scope of Work**

The scope of work will be finalized once a consultant is selected. At minimum, the following scope of work/approach is required: complete a traffic study of the current conditions on the Hamilton Boulevard Corridor for the purpose of re-evaluating traffic signal warrants at intersections between I-29 and Stone Park Boulevard.

This study will involve raw data collection, warrant analysis of the intersections to be determined (up to 5), provision for the new timing plan, and providing guidance and phasing for removal of the warranted signals.

## **Key Tasks (not all-inclusive):**

- **Travel Connections:** Evaluation of intersections.
- **Levels of Service (LOS):** This is the key task of this element. The task involves analyzing the existing LOS compared to the predicted LOS of any proposed signal changes.
- **Traffic Simulation:** This task involves identifying possible traffic issues due to the spacing of signals and how it may operate with any proposed changes.
- **Pedestrian Impacts:** This task involves addressing potential pedestrian impacts due to proposed traffic signal changes.
- **Traffic Safety Problems:** Identify potential traffic safety problems within the study area and address within the potential alternatives.
- **Alternatives:** This task involves identifying and evaluating all possible alternatives and developing an implementation plan. This may include other street improvements and/or configurations to achieve the best results.
- **Deliverables:** Deliverables for this task include a summary of existing conditions to include locations of unwarranted traffic signals, potential alternatives, guidance for phasing the removal of unwarranted signals, and an updated and improved timing plan.

## **Submittal Requirements**

Any questions regarding this Request for Qualifications (RFQ) should be submitted via email to hannah@simpc.org using the subject line "Hamilton Boulevard Corridor Traffic Study Questions." Answers to questions will be made available to all respondents via email or phone call.

Responses to the RFQ must be received by Hannah Neel as follows:

Due Date: Friday, February 19, 2021  
Time: Prior to 5:00 p.m. CST  
Deliver to: Hannah Neel, Regional Planner  
SIMPCO  
1122 Pierce Street  
Sioux City, IA 51105  
hannah@simpco.org  
Number of copies: 3 hard copies, 1 electronic (PDF) copy

### ***Proposal Content***

To standardize responses and simplify the comparison and evaluation of responses, all statements must be organized in the manner set forth below, separated into sections, and appropriately labeled. All information and materials requested shall be provided in the proposal under a single cover.

#### Cover Letter

The full name and address of the firm's organization and the branch office that will perform the services described herein shall be stated. The Principal-in-Charge of the branch office shall be identified. Summarize the Consultants' interest in the project as well as identify the name and contact information of the designated Project Manager.

#### Technical Approach and Scope of Work

The responding firm shall state its understanding of the project as outlined in the Scope of Services. The approach in rendering the services required, including the use of subconsultants, shall be detailed in a proposed Scope of Services.

#### Company Profile(s)/Description

Provide a description of the team in as much detail as necessary to demonstrate the team's ability to carry out the scope of services as requested in this RFP. Include a description for the prime and any sub-consultants that may be used for this effort.

#### Project Personnel

Qualifications of the project manager and personnel, including anticipated sub-consultants, with specialized skills shall be highlighted. A list of sub-consultants that will be used and the work they will perform. Provide an organizational chart of proposed team members. Resumes for all key personnel listed shall be included and show the following:

- Name, specialty, and job title
- Years of relevant experience with firm (and previous employers)
- Academic degree(s), discipline, and year degree(s) received
- Professional registrations
- Office location where employed

- A synopsis of experience, training or other qualities that reflect the individual's related experience and expected contribution to the project.
- A brief history of professional certifications, registrations, and licenses that your firm / individuals hold that pertain to this project. If the firm or personnel have had their professional certification, registration, and / or license revoked, suspended, sanctioned please provide the dates and circumstances as a part of this response.

#### Past Performance

For each consultant, provide a maximum of three (3) examples of similar or related projects successfully completed within the last five years.

#### Project Approach

Provide a concise summary of the firm or team's approach to the project. If your proposal includes any variation to the proposed scope of work (reduced or additional services), please identify and provide justification for any modifications.

#### Project Schedule

Discuss the consultant's and anticipated sub-consultant's current workload and its ability to complete the project in a timely manner. Provide a proposed timeline for completing the deliverables.

**Evaluation and Selection Process**

Qualifications will be evaluated by a selection committee established by SIMPCO using the Selection Criteria in the table shown below, to identify the firm or firms best qualified to meet downtown’s needs on this project. The firm(s) deemed best qualified by the selection committee may be invited for additional presentation and interviews. However, SIMPCO reserves the right to request interviews of any, all, or none of the consultants.

<b>Item</b>	<b>Selection Criteria</b>	<b>Rating Ranges</b>
<b>1</b>	<b>Experience, Qualifications and Expertise</b> Firm’s experience with similar projects, qualifications and expertise of key personnel and subconsultants.	<b>(0-20)</b>
<b>2</b>	<b>Capabilities and Resources</b> Projects currently under contract involving equipment and key personnel that would also handle this project along with estimated time of completion. Availability and responsiveness of staff in local area.	<b>(0-15)</b>
<b>3</b>	<b>Project Overview</b> Convey your understanding of the project objectives. Identify major problems which you perceive at this time. Describe the overall approach you will use to overcome the problems and efficiently complete this project.	<b>(0-25)</b>
<b>4</b>	<b>References</b> Information on other organizations for which your firm has provided comparable consulting services.	<b>(0-10)</b>
<b>5</b>	<b>Quality and Thoroughness of a Proposal</b>	<b>(0-15)</b>
<b>6</b>	<b>Additional Factors</b> City experience and other related information.	<b>(0-15)</b>
<b>TOTAL (100 pts max)</b>		
<b>ADDITIONAL COMMENTS</b>		