

April 30, 2015



Bernie Lenz, PE  
Assistant City Engineer  
City of La Crosse  
400 La Crosse Street  
La Crosse, WI 54601  
*Via Email: LenzB@cityoflacrosse.org*

**RE: Professional Services Proposal for a Feasibility Study  
IH 90 Culvert Bicycle/Pedestrian Modification – La Crosse, Wisconsin**

Bernie:

Thank you for the opportunity to provide you with a professional services proposal for the feasibility study required to determine the best approach to providing bicycle and pedestrian access under IH 90 from North Kinney Coulee Road to South Kinney Coulee Road near Luoyang Avenue. You have indicated that the City of La Crosse (City) is interested in determining if modifying the existing multi-cell reinforced concrete box culvert under IH 90 to accommodate bicycle and pedestrian access is feasible. If not, the City would like to determine if other alternatives are feasible near this location.

We understand that our scope will involve development of a feasibility report that will determine a recommended alternative ranging from no-build to existing structure modifications, to a new structure. ISG is prepared to meet and coordinate with the City of La Crosse as well as any other stakeholders as requested throughout the study process.

This proposal assumes that a boundary and topographic survey of the area will not be required at this time. The only field data to be included at this time is the apron elevations and dimensions of the existing box culvert. ISG will supplement LIDAR and other available data previously purchased from La Crosse County for the purpose of hydrology and hydraulic analysis.

With these considerations in mind, I+S Group, Inc. (ISG) has prepared the following scope of services to assist you with this project.

**Data Collection Phase**

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Data collection will be used to determine the existing conditions of the site and structure. ISG will coordinate with the City of La Crosse, the Wisconsin Department of Transportation and the Wisconsin Department of Natural Resources to determine any immediate barriers to modifying the existing structure and determine a list of required permits. ISG will take field measurements of the existing structure and determine the elevations of the existing aprons to correlate the existing structure to the LIDAR data for the purpose of hydraulic analysis.

**Analysis Phase**

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Utilizing the information gathered during the data collection phase ISG will analyze the hydraulic capacity of the existing structure based on LIDAR data using HEC-RAS. Please note that if modification of the existing structure or addition of a new structure is determined to be a feasible

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alternative, the hydraulic models will need to be modified with more accurate field data during the design process in order to secure permits and develop construction documents.

ISG will analyze up to two (2) additional alternatives in addition to modification of the existing structure. It is anticipated these alternatives will include and overpass structure and a new underpass structure. All three alternatives will include a list of permitting needs and a cost analysis including the approaches to and from the structures in order to understand the full cost impacts of each alternative.

**Reporting Phase**

ISG will create a feasibility report with conceptual plans, exhibits and planning level estimates of probable costs of each studied alternative for the City's use in determining whether to move forward with design of any of the alternatives. ISG will attend one meeting to review a draft of the report and one meeting to review the completed report with City staff or other officials.

**Compensation**

ISG proposes to provide the scope of services described within this proposal for compensation not to exceed \$9,600.

**Reimbursable Expenses**

Anticipated reimbursable expenses such as travel time, mileage, printing costs, etc. are included within the compensation listed above. Any review or application fees that may be required will remain the responsibility of the City. Please note that design of structure modifications, new structure, or other major transportation improvements have not been included within the scope of this proposal; however, these services can be provided under a separate proposal if requested.

**Schedule**

ISG is prepared to work closely with you and dedicate the professional resources required to meet the anticipated project timelines. The final Feasibility Report will be delivered to the City by September 30, 2015.

This agreement will adhere to the attached City of La Crosse Standard Terms and Conditions.

Please contact me at 608.789.2034 with any questions regarding our services or this proposal. To indicate authorization to proceed, please sign the acknowledgment below and return a copy to our office. We look forward to the opportunity to work with you.

Sincerely,

*William A. Kratt*  
William A. Kratt, PE  
Associate Principal, Civil Engineer  
Civil Engineering Group

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<b>ACKNOWLEDGEMENT OF ACCEPTANCE</b>	
Accepted this <u>22</u> day of <u>June</u> , 2015	
For:	<u>City of La Crosse</u>
By:	<u>[Signature]</u>
Title:	<u>Asst. City Engineer</u>
This proposal is valid for 30 days.	