

**SCOTT COUNTY ENGINEER'S OFFICE**

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MEMO

TO: Mahesh Sharma  
County Administrator

FROM: Jon Burgstrum, P.E.  
County Engineer

SUBJ: Professional Structural Design Services

DATE: January 15, 2019

The Scott County Secondary Roads Department requested proposals from qualified engineering firms to provide professional structural design services pertaining to the preliminary and final design of two bridge replacement projects that are in FY2019 of our construction program. Project No. L-319--73-82 is an existing 80' X 24' Steel I-Beam Bridge built in 1961 on 252<sup>nd</sup> Avenue over Lost Creek in Princeton Township. Project No. L-420--73-82 is an existing 67'-6 X 24' Steel I-Beam Bridge built in 1960 on 130<sup>th</sup> Avenue over Hickory Creek in Sheridan Township.

In December of 2018, we met with several consultants to review their qualifications pertaining to professional structural design services. The consultants provided information regarding their experience working with county engineering departments; familiarity with Iowa Department of Transportation design standards, specifications, and project development schedules; knowledge of local, state and federal regulations; and provided example plan sets of similar projects.

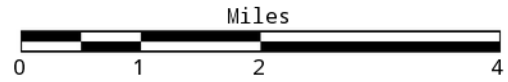
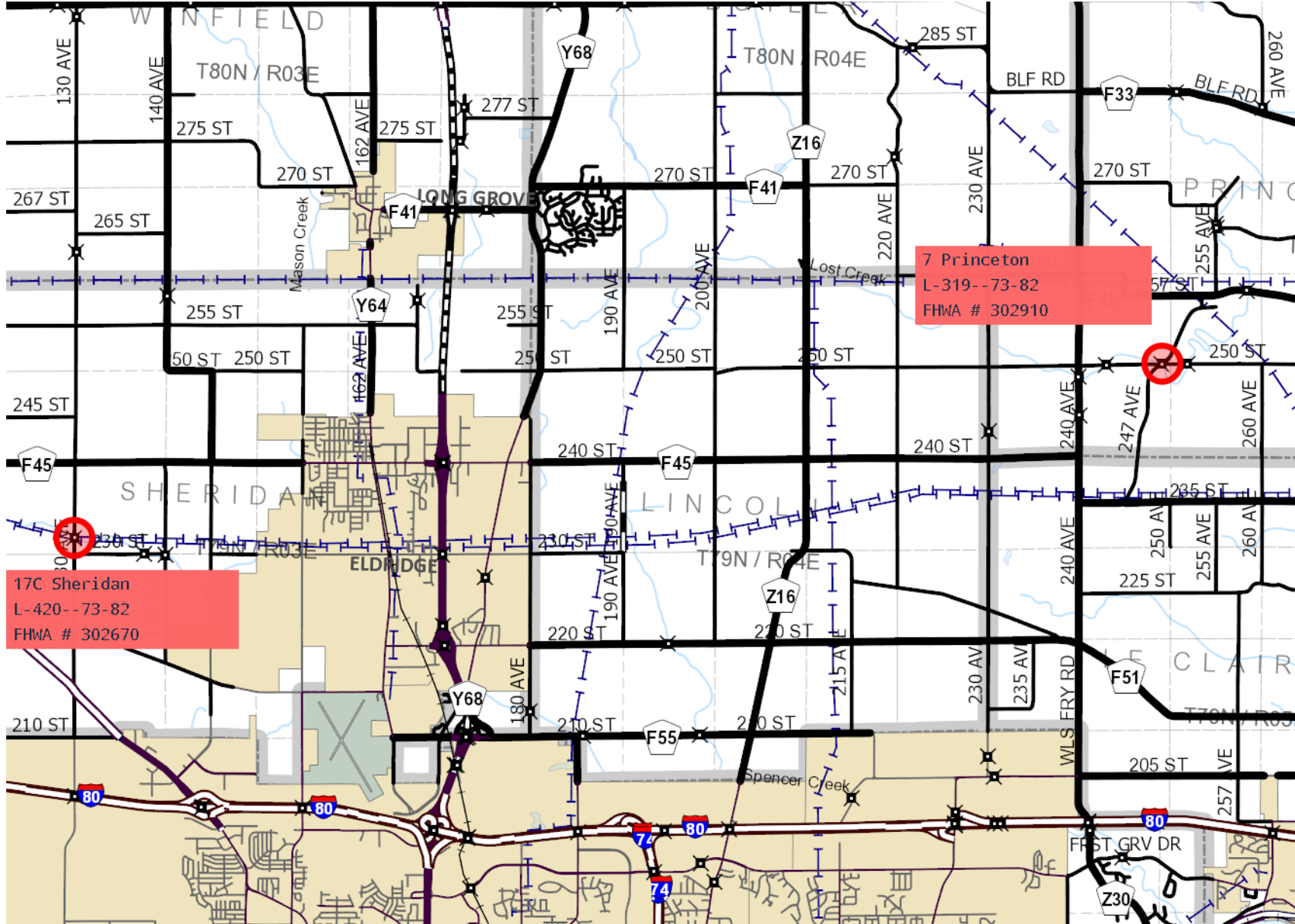
The consultants were evaluated on their experience and expertise with similar projects, the experience of their proposed project team and key members, the overall quality of their sample deliverable documents, their ability to perform work within the given time-frame, and fees.

We are recommending that IIW, P.C. be selected to perform the professional structural design services for preliminary and final design of bridge replacement project L-319--73-82 and L-420--73-82. The Contract estimate is \$28,000 for preliminary and final design not including geotechnical services. This firm has performed bridge and culvert design work utilizing Iowa Department of Transportation standards and specifications for many of the counties and municipalities in Eastern Iowa and is a core component of IIW's services. IIW was founded in 1982, is employee-owned since 1999, and is well known and respected as a bridge design consultant. We are recommending that Scott County enter into agreement with, IIW, P.C.

# FY19 Bridge Replacement Projects

Scott - ICEASB Easy Map

9:57 AM, Fri, Jan 4, 2019



THE COUNTY AUDITOR'S SIGNATURE CERTIFIES THAT  
THIS RESOLUTION HAS BEEN FORMALLY APPROVED BY  
THE BOARD OF SUPERVISORS ON \_\_\_\_\_  
DATE

\_\_\_\_\_  
SCOTT COUNTY AUDITOR

R E S O L U T I O N

SCOTT COUNTY BOARD OF SUPERVISORS

January 24, 2019

APPROVAL OF CONTRACTS FOR PROFESSIONAL STRUCTURAL DESIGN SERVICES  
TO PERFORM PRELIMINARY AND FINAL DESIGN OF BRIDGE REPLACEMENT  
PROJECTS L-319--73-82 AND L-420--73-82

BE IT RESOLVED by the Scott County Board of Supervisors as  
follows:

Section 1. That Scott County enters into a contract with  
IIW, P.C. for professional structural design services  
to perform preliminary and final design of bridge  
replacement projects L-319--73-82 and L-420--73-82.

Section 2. That the Engineer be authorized to sign the  
contract document on behalf of the Board.

Section 3. That this resolution shall take effect  
immediately.