

SCOTT COUNTY ENGINEER'S OFFICE

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County Engineer

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Assistant County Engineer

TARA YOUNGERS
Administrative Assistant

MEMO

TO: Mahesh Sharma
County Administrator

FROM: Jon Burgstrum, P.E.
County Engineer

SUBJ: Professional Structural Design Services

DATE: April 23, 2019

In December of 2018, Angie and I 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.

Based on the criteria mentioned above, two consultants were singled out to perform this type of professional services for our department. Those consultants are IIW, P.C. and Calhoun-Burns & Associates. We solicited proposals from both firms to perform professional structural design services for preliminary and final design of three bridge replacement projects that are in FY2020 of our construction program.

Project No. BRS-CHBP-C082(418)--GB-82 (33H Liberty) is an existing 24' X 28' Concrete Slab Bridge built in 1962 on Y30 (20th Avenue) over a Tributary to Mud Creek in Liberty Township.

Project No. BRS-CHBP-C082(323)--GB-82 (7F Princeton) is an existing 42'-6 X 28' Steel I-Beam Bridge built in 1967 on Z30 (240th Avenue) over Lost Creek in Princeton Township.

Project No. BRS-CHBP-C082(322)--GB-82 (6 Blue Grass) is an existing Twin 12' Span Concrete Slab Culvert on Concrete Sheet Piles built in 1957 on F58 (200th Street) over a Tributary to Mud Creek in Blue Grass Township.

We are recommending that IIW, P.C. be selected to perform the professional structural design services for preliminary and final design of the above referenced bridge replacement projects. The contract estimate for site survey, feasibility analysis, and preliminary design for the three

projects is \$43,900. Any necessary geotechnical services and final design will be negotiated upon determination of final scope of work.

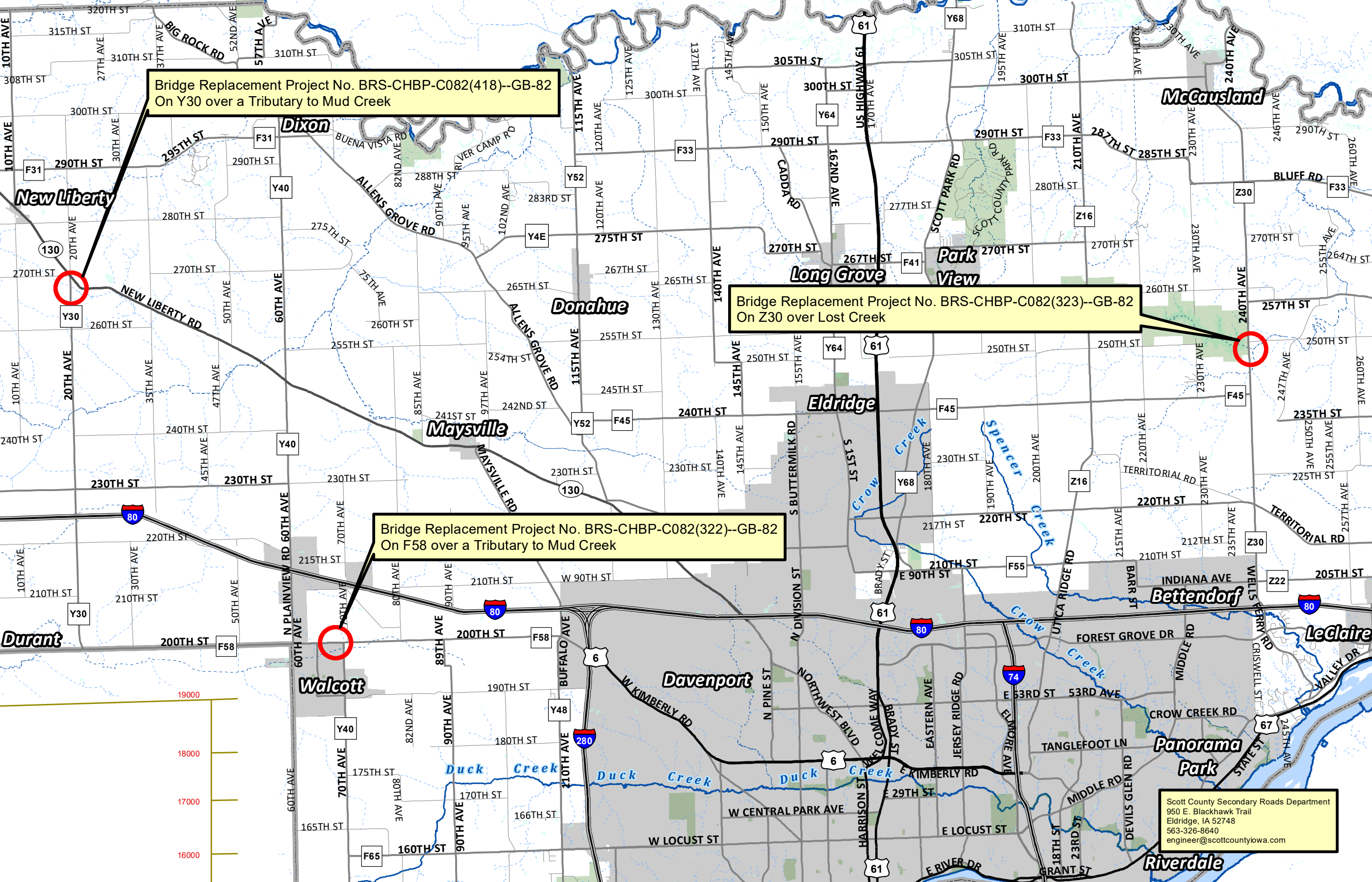
IIW, P.C. has submitted a thorough and technical proposal that will deliver design documents within the required time-frame for all three projects. This firm has performed bridge and culvert design work utilizing Iowa Department of Transportation standards and specifications for many of the counties 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.

Bridge Replacement Project No. BRS-CHBP-C082(418)--GB-82
On Y30 over a Tributary to Mud Creek

Bridge Replacement Project No. BRS-CHBP-C082(323)--GB-82
On Z30 over Lost Creek

Bridge Replacement Project No. BRS-CHBP-C082(322)--GB-82
On F58 over a Tributary to Mud Creek

Scott County Secondary Roads Department
950 E. Blackhawk Trail
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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

May 2, 2019

APPROVAL OF CONTRACT FOR PROFESSIONAL STRUCTURAL DESIGN SERVICES
TO PERFORM PRELIMINARY AND FINAL DESIGN OF BRIDGE REPLACEMENT
PROJECTS BRS-CHBP-C082(418)--GB-82, BRS-CHBP-C082(323)--GB-82,
AND BRS-CHBP-C082(322)--GB-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 BRS-CHBP-C082(418)--GB-82,
BRS-CHBP-C082(323)--GB-82 and BRS-CHBP-C082(322)--GB-82

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

Section 3. That this resolution shall take effect
immediately.