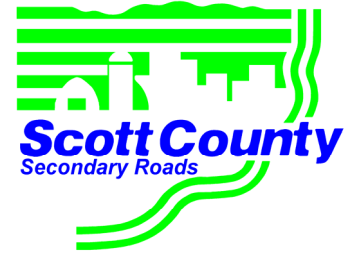


SCOTT COUNTY ENGINEER'S OFFICE

950 E. Blackhawk Trail
Eldridge, Iowa 52748

(563) 326-8640
FAX – (563) 328-4173
E-MAIL - engineer@scottcountyiowa.gov
WEB SITE - www.scottcountyiowa.gov



ANGELA K. KERSTEN, P.E.
County Engineer

ELLIOTT R. PENNOCK, E.I.T.
Assistant County Engineer

TARA YOUNGERS
Senior Administrative Assistant

MEMO

TO: Mahesh Sharma
County Administrator

FROM: Angie Kersten, P.E.
County Engineer

SUBJ: Professional Design Services for Final Design of a Bridge Replacement Project

DATE: May 16, 2023

Approximately seven years ago, our department identified the need to replace the existing 275' x 28' Scott/Clinton County line bridge on Y68 (Scott Park Road) over the Wapsipinicon River Overflow (FHWA #020870). On July 18, 2017, our department and the Clinton County Secondary Roads Department jointly entered into a contract with Calhoun-Burns & Associates for professional design services for preliminary design of this bridge replacement project. The preliminary design work has been nearly completed and a new 268'-0 x 40'-0 Continuous Concrete Slab bridge was selected with an estimated replacement cost of \$3,500,000.

Due to the significant cost to replace the bridge, over the past few years we have applied for several federal and state funded grants. We were recently notified that our project was selected for a state administered grant of \$2,000,000. The funding agreement is being prepared by the state and will be brought to the Board for approval within the next few months.

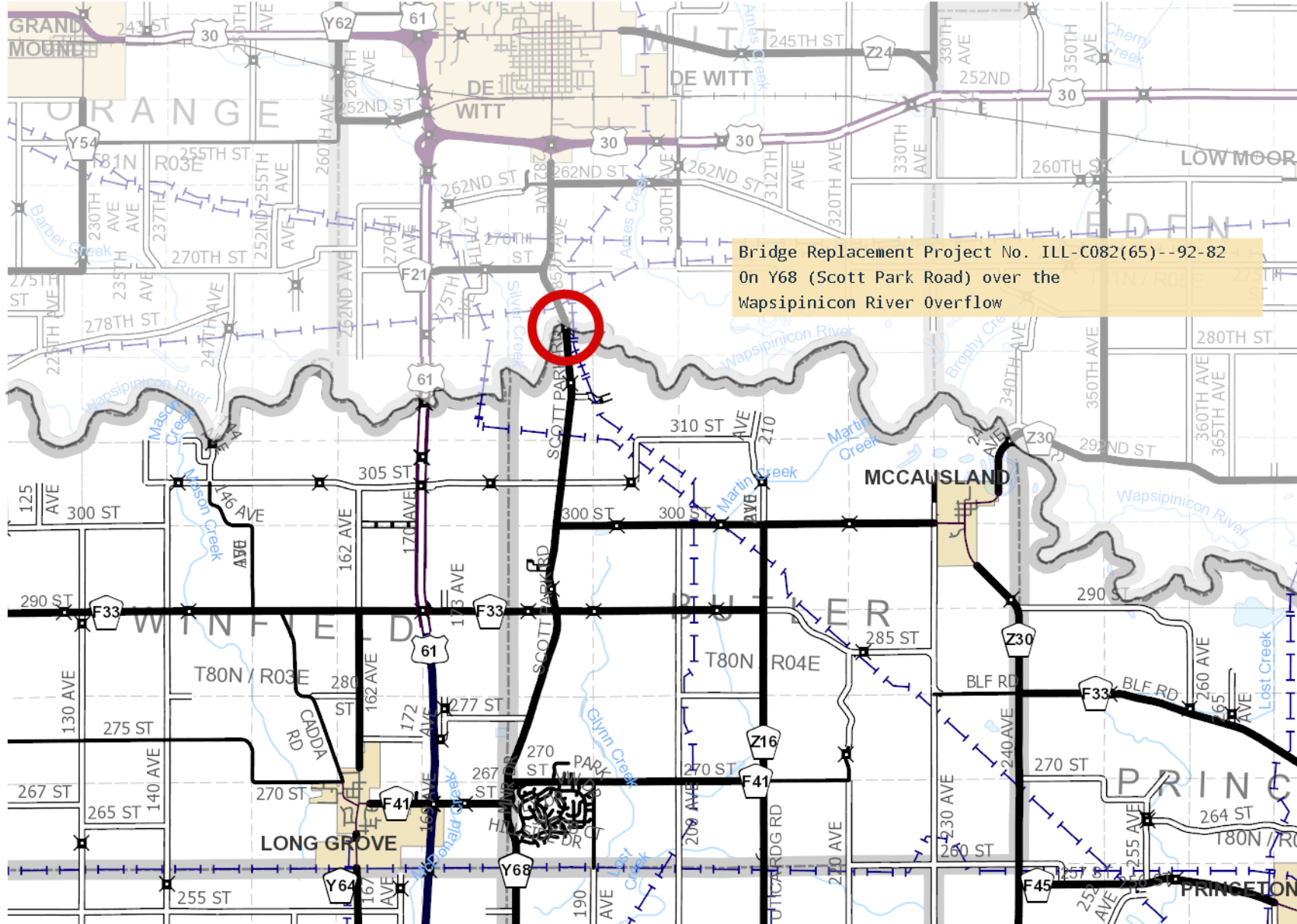
We are now ready to move forward with final design of the project. We met with Calhoun-Burns & Associates to further define the remaining scope of work for the project and negotiate a fee for their services. Their services will be performed for a lump sum cost of \$74,825 and additional estimated cost of \$3,500 for services performed at fixed hourly rates. The fee includes approximately \$9,750 for geotechnical engineering services. Clinton County has agreed to pay for 50% of the design services, so the amount listed in this memo reflects our share of the total final design fee. The negotiated fee is in-line with similar consulting contracts we presently have in-place.

The fee to perform this work is included in our FY2023 and FY2024 budget. I recommend that Scott County enter into an agreement with Calhoun-Burns & Associates, to perform these professional bridge design services. Included with this memo is the supplemental agreement and a location map.

Scott and Clinton County Bridge Replacement Project Location Map

10:01 AM, Tue, May 16, 2023

Scott - ICEASB Easy Map



Bridge Replacement Project No. ILL-C082(65)--92-82
On Y68 (Scott Park Road) over the
Wapsipinicon River Overflow



May 1, 2023

Angela Kersten, P.E.
Scott County Engineer
950 E. Blackhawk Trail Rd.
Eldridge, IA 52748

Todd J. Kinney, P.E.
Clinton County Engineer
1900 North 3rd Street
Clinton, IA 52733-2957

**RE: SUPPLEMENTAL AGREEMENT FOR FINAL DESIGN SERVICES
BRIDGE NO.31 DEWITT (FHWA 020870)
PROJECT NO. BRS-SWAP-C082(65)--FF-82
SECTION 31, T-81N, R-04E
CB&A No. 2017204**

Dear Ms. Kersten and Mr. Kinney:

This Supplemental Agreement is submitted in accordance with our current Consulting Engineering Contract dated July 18, 2017, and your recent request for final design services for Bridge No. 31 DeWitt located on the Clinton County line in Section 31 in DeWitt Township.

As determined in the preliminary design a new 268'-0 x 40'-0 Continuous Concrete Slab (CCS) bridge will be the most economical and appropriate replacement at this location. In addition, roadway grading and paving will be necessary to properly connect the new structure to the existing grade line. The new bridge and approach hook-up is expected to cost about \$3,500,000 to construct.

The preliminary design and drawings, which constitute the initial submittals, have been sent to you and other review agencies as appropriate. Upon receipt of the preliminary plan approvals, we will complete the final design computations, perform final detailing and submit the final project to the County and IDOT for letting.

We propose to perform our final design work for the following fees:

V.B. ROAD PLANS

FINAL DESIGN, DETAILING AND DRAFTING:	LUMP SUM =	\$	16,150.00
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V.C. BRIDGE PLANS

FINAL SUPERSTRUCTURE DESIGN, DETAILING AND DRAFTING:	LUMP SUM =	\$	57,750.00
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FINAL SUBSTRUCTURE DESIGN, DETAILING AND DRAFTING:	LUMP SUM =	\$	56,250.00
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CONSTRUCTION SERVICES: AT HOURLY RATES
(FALSEWORK REVIEW AND WAVE EQUATION GRAPHS) (ESTIMATED AT \$2,500.00)

FINAL COORDINATION, MEETINGS AND SUBMITTALS: AT HOURLY RATES
(ESTIMATED AT \$4,500.00)

V.H. SUBSURFACE INVESTIGATIONS – ALLENDER-BUTZKE ENGINEERING

SOIL BORINGS (6): LUMP SUM = \$ 19,500.00

All provisions of the original Agreement remain in effect except as modified by this Supplemental Agreement. We will continue to provide invoices which split the costs evenly between Scott and Clinton County.

Please review this submittal and, if it is acceptable, obtain the signature and date below and return one fully executed copy to our office. We are ready to complete the final work and will do another good job for Scott and Clinton County.

Sincerely,



JEFF M. FADDEN, P.E.
VICE PRESIDENT

ACCEPTED FOR SCOTT COUNTY:

ANGELA KERSTEN, P.E.
SCOTT COUNTY ENGINEER

DATE: _____

ACCEPTED FOR CLINTON COUNTY:

TODD J. KINNEY, P.E.
CLINTON COUNTY ENGINEER

DATE: _____

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 25, 2023

APPROVAL OF SUPPLEMENTAL AGREEMENT FOR PROFESSIONAL
DESIGN SERVICES RELATED TO THE FINAL DESIGN OF
BRIDGE REPLACEMENT PROJECT NO. ILL-C082(65)--92-82

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

Section 1. That Scott County enters into a supplemental
agreement with Calhoun-Burns & Associates for
professional design services related to the final
design of Bridge Replacement Project No.
ILL-C082(65)--92-82 for a lump sum cost of \$74,825 and
additional estimated cost of \$3,500 (services performed
at fixed hourly rates).

Section 2. That the County Engineer be authorized to sign
and administer the supplemental agreement on behalf
of the Board.

Section 3. That this resolution shall take effect
immediately.