

SCOTT COUNTY ENGINEER'S OFFICE

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MEMO

TO: Mahesh Sharma
County Administrator

FROM: Angie Kersten, P.E.
County Engineer

SUBJ: Professional Design Services

DATE: April 7, 2020

Our department, the Sheriff's Department, and the Iowa Department of Transportation are concerned with the safety of the U.S. Highway 61 and 112th Avenue intersection. There have been several crashes at this intersection over the past several years. The intersection is two-way stop controlled with stop signs on 112th Avenue. Many of the crashes reported at this intersection have involved vehicles turning left onto U.S. Highway 61. Since U.S. Highway 61 has a 55 mph speed limit, the crashes are typically serious in nature, and have resulted in injuries to the vehicle occupants.

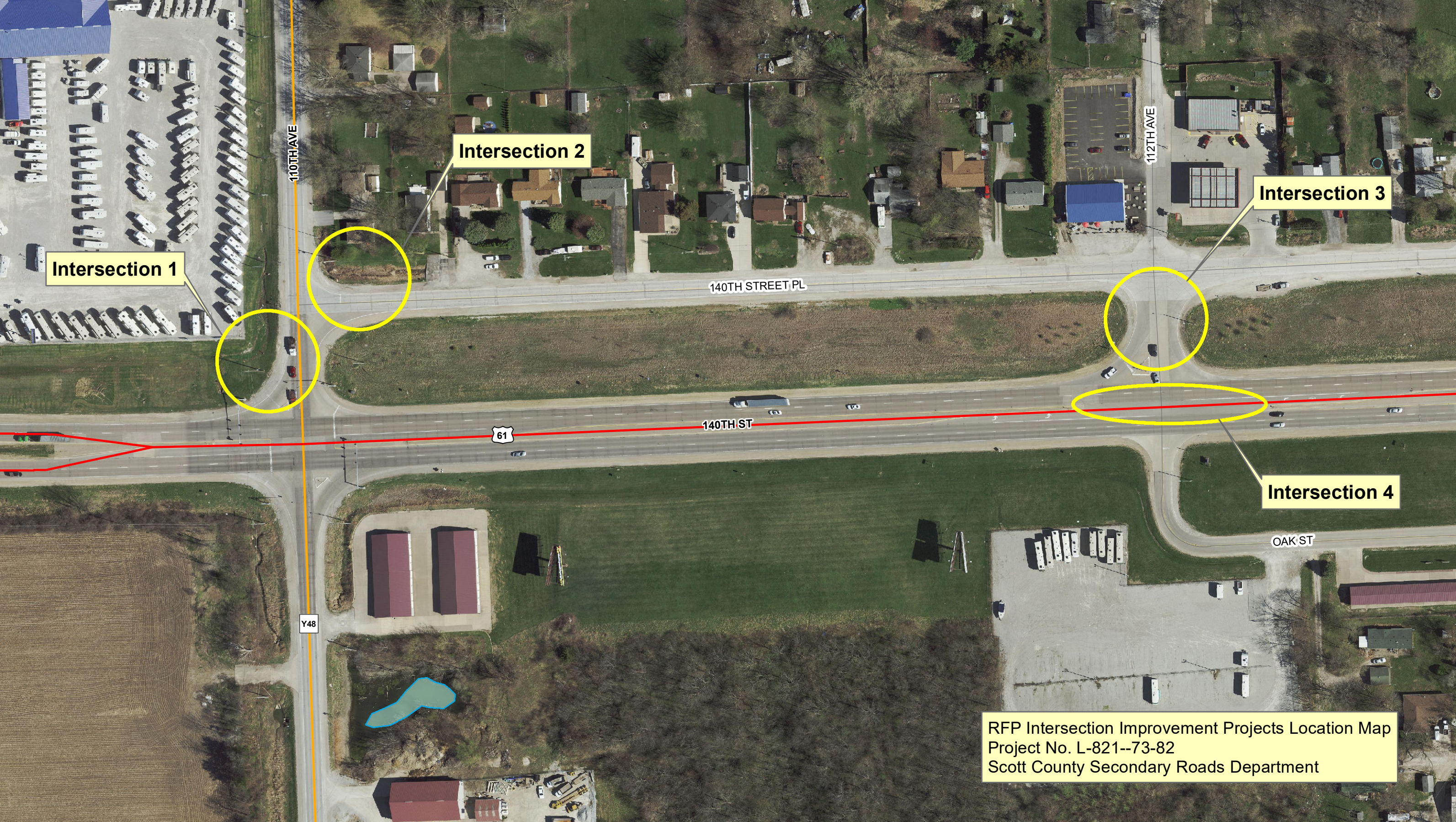
A Traffic and Safety Study was performed to identify potential improvements that could be made to this intersection. In order to fully understand the characteristics of the 112th Avenue intersection, the adjacent intersections of 110th Avenue and 115th Avenue/118th Street were also evaluated. Project L-821--73-82 will incorporate safety recommendations from the study at the intersections of 110th Avenue and 112th Avenue. We are also working with Planning and Development and Kwik Star regarding the possibility of installing a traffic signal at the 115th Avenue/118th Street intersection with U.S. Highway 61.

We requested proposals from five qualified engineering firms to provide professional design services pertaining to the preliminary and final design of four intersection improvement projects that are in FY2021 of our construction program. Project No. L-821--73-82 includes improvements that will be made at U.S. Highway 61 and 110th Avenue, 140th Street Place and 110th Avenue, 112th Avenue and U.S. Highway 61, and the median area on U.S. Highway 61 at 112th Avenue. Please see the attached project location map.

We received proposals from three consultants. 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., of Davenport, be selected to perform the professional design services for preliminary and final design of project L-821--73-82. The contract estimate is \$22,100 for preliminary and final design. This firm has recently performed design work utilizing Iowa Department of Transportation standards and specifications for our department and this type of design work is a core component of their services. IIW was founded in 1982, is employee-owned since 1999, and is well known and respected as a roadway and bridge design consultant.

The fee to perform this work is included in our FY2020 budget. We are recommending that Scott County enter into an agreement with, IIW, P.C., to perform this work.



Intersection 1

Intersection 2

Intersection 3

Intersection 4

110TH AVE

112TH AVE

140TH STREET PL

140TH ST

OAK ST

61

Y48

RFP Intersection Improvement Projects Location Map
Project No. L-821--73-82
Scott County Secondary Roads Department

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

April 16, 2020

APPROVAL OF THE CONTRACT FOR PROFESSIONAL DESIGN SERVICES TO
PERFORM PRELIMINARY AND FINAL DESIGN OF FOUR INTERSECTION ROAD
IMPROVEMENT DESIGNS: PROJECT NO. L-821--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 design services
to perform preliminary and final design of four
intersection road improvement designs:
Project No. L-821--73-82

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.