IOWA DEPARTMENT OF TRANSPORTATION

TO OFFICE: District 1 **DATE:** March 26, 2018

ATTENTION: S. A. Dockstader **REF.:** County: Hardin

Project #: STPN-175-8(36)—2J-42

PIN: 16-42-175-010

OFFICE: District 1 Design

FROM:

SUBJECT: Field Exam Review (D-2)

Ray Ringgenberg

The field exam for this project was held on March 26, 2018 to review the HMA Resurfacing with Cold-in-Place Recycling in Hardin county from just east of US 65 to E. of Otter Creek in Eldora. Those in attendance included Tony Gustafson, Ray Ringgenberg, Allison Smyth, Terri Abbott, Dave Wells and Dustin Skogerboe.

Highway 175 is a service level "C" roadway. The 2019 ADT is estimated to be 1900 vpd with 13% trucks. The 2039 ADT is estimated to 2000 vpd with 13% trucks.

The proposed project will involve 3" Cold-in-Place Recycling of the existing 24' pavement, 3" deep x 4-foot wide base widening on both sides of the pavement, 3 inch HMA resurfacing over widened roadway, and 3-foot granular shoulders.

South Fork Iowa River bridge will have new bridge approaches, guardrail, and EF joints. Beaver Creek bridge will have new EF joints, guardrail and bridge end drains.

A safety dike will be constructed at the M Ave intersection. Temporary easement may be required. A D5 plan will be submitted by May 2018 if TE will be needed.

Culvert inspection has been done and there appears to be many culvert separations in need of repair. The total amount is not yet determined.

Traffic will be maintained at all times during construction via single lane closures with pilot cars. Signals with TBR (TC-217) will be utilized at the bridge approach reconstruction area.

- No ROW will be required.
- No City Agreements are needed.
- Agreement with Hardin county is complete.

The Marshalltown RCE office will provide the following by July 1, 2018:

- Subdrain Information
- Full depth patch tabs
- Clearing and Grubbing

All existing guardrail removed shall be delivered to the Williams maintenance garage.

No plan sheets are included in this submittal; however, plan sheets may be viewed on the network at:

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This project is currently scheduled for a November 2018 letting. The estimated cost of construction shown in the final concept was \$3,187,300.

cc:	M. J. Sankey	S. J. Gent	M. J. Kennerly
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