City of Hiawatha

Engineering Department

101 Emmons St., Hiawatha Iowa, 52233-1697
PHONE (319) 393-1515 ext. 511 FAX (319) 393-1516

To: **Mayor and City Council** **Date: November 30, 2017**

From: John Bender PE, City Engineer

Re: **November 2017 Update**

Description: Engineering Department Report

- Working with Public Works whenever necessary.
- Working with the Community Development Department to review building site plans, final plats, and rezoning requests. Several large projects are in the planning stage that requires engineering review and approval of proposed plans. Construction of the public utilities is complete in the Dell Ridge III Addition and Rolling Prairie III addition. Pecks 1St Addition improvements have now started with grading and sewer construction.
- The Emmons/Robins/North Center Point Road intersection reconstruction project is now complete. Final project close-out documents can now be prepared and forwarded to Council for final acceptance.
- The repainting of North Center Point Road north of the new intersection to Boyson Road has not been completed. The existing paving north of Emmons Street will provide sufficient width for a 3-lane section and 2-bike lanes 6.5 feet wide and a 3 foot buffer area on each side. However the weather, primarily the cold temperatures, has not allowed us to complete this work. The work can be scheduled to start next spring possibly as a supplemental contract to the existing prime construction contract.
- The Boyson Road Capacity Improvements project is now complete. Price Electric has installed the new signal equipment and signal timing adjustments have been completed. The project is now complete and accepted.
- The Edgewood Road grading and culvert project is substantially complete. The phase I contractor, Peterson Construction Company from Reinbeck Iowa is now ready for a punch list for any final items. We have been dealing with a rough roadway surface and patching is planned as a temporary surface during the winter months. We are working with the Linn County Engineering Department to get this work completed. The concrete overlay project is planned for next spring.
- The Tower Terrace Interchange public information meeting was held November 16, 2017 in the Hiawatha City Hall community center. The Iowa DOT conducted the meeting. Approximately 70-80 people attended. The Iowa DOT provided concept drawings for the new proposed Tower Terrace /I-

380 Interchange and the new proposed Boyson Road/I-380 interchange. The concepts studied were a standard diamond interchange or the new diverging diamond interchange design. See attached copies of the information boards that were supplied at the meeting.

- The annual NPDES report to Iowa Department of Natural Resources was completed and submitted the first week of November. This report is a requirement of our MS4 permit and summarizes the major activities conducted by Hiawatha staff for the 12-month period from July 2016 to June 2017. Through the efforts of the Community Development staff and Engineering staff, we attempt to monitor the various storm water ordinances that provide regulations for subdivision layout, regulations for excavation and grading, and regulations for building construction. The new "Citizen Serve" customized on-line program for permitting and inspection data collection has been a great improvement to our reporting process. The full report can be review on the website under Community Development/Storm Water management.

I am sure there are other projects I failed to include in the report, but feel free to call me with questions at any time.

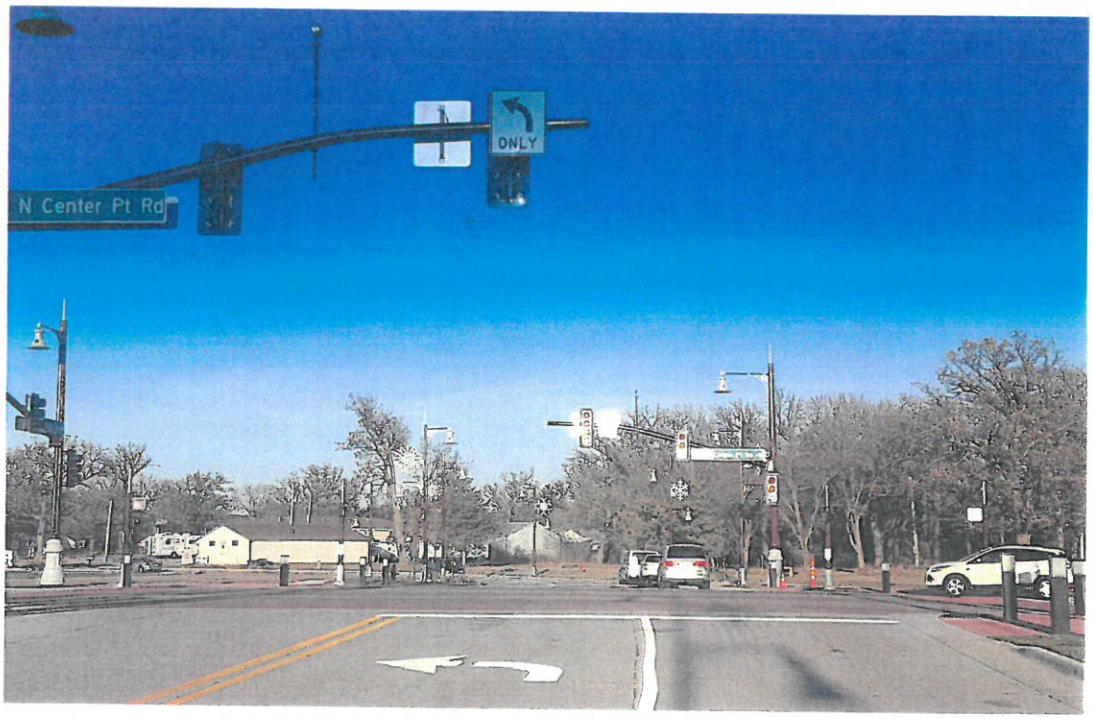
Pecks Landing Grading

Edgewood Road Extension

Emmons Street Looking West

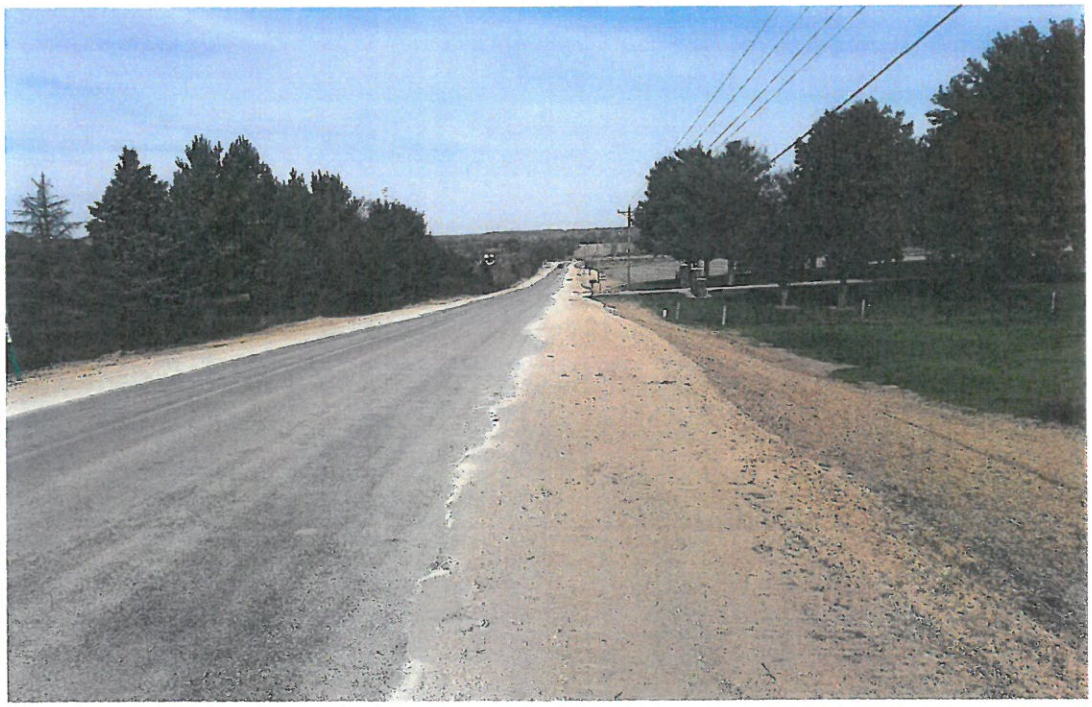
Robins Road Looking East

North Center Point Looking North

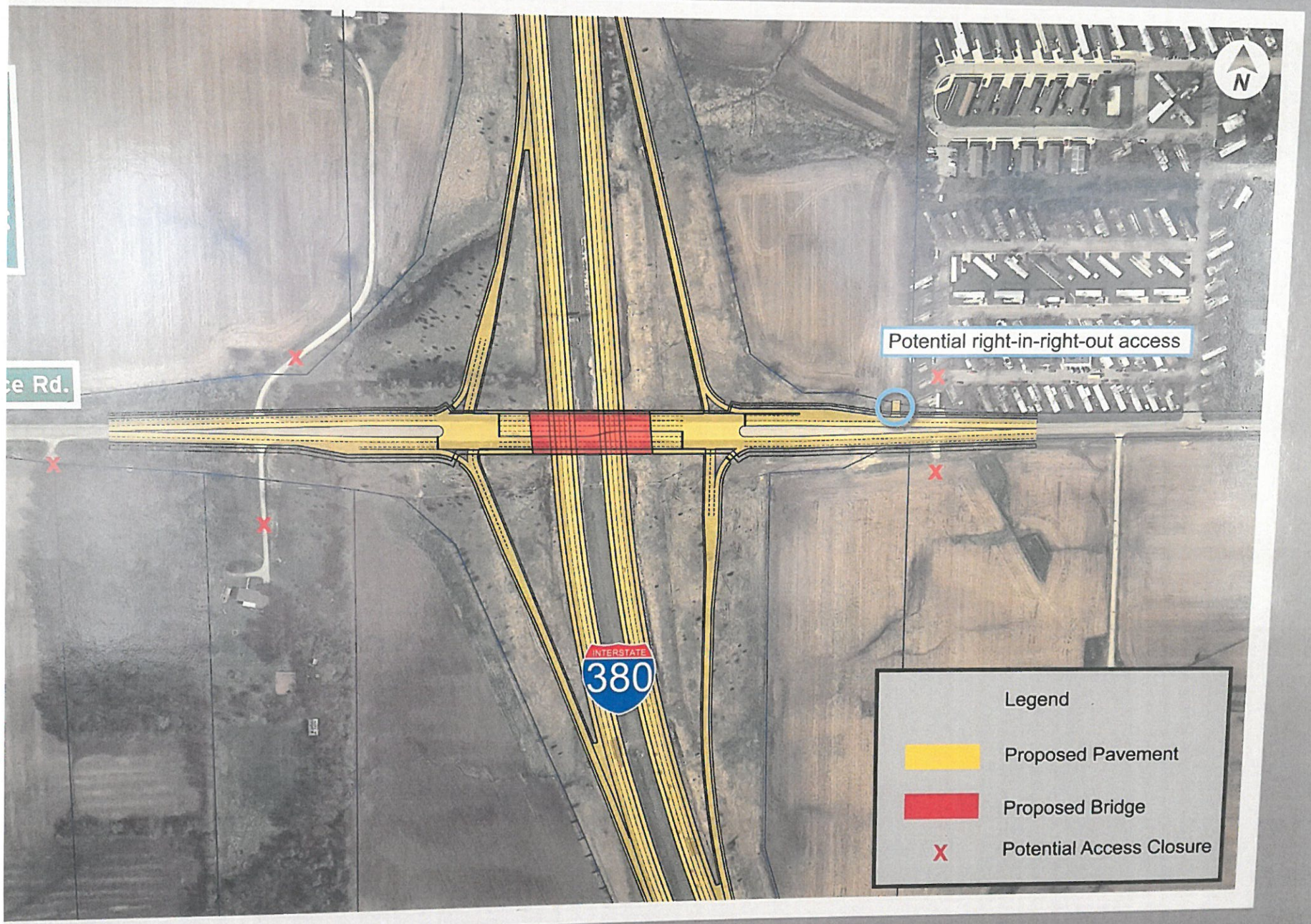


Emmons Street Looking East

Boyson Road Capacity Improvement

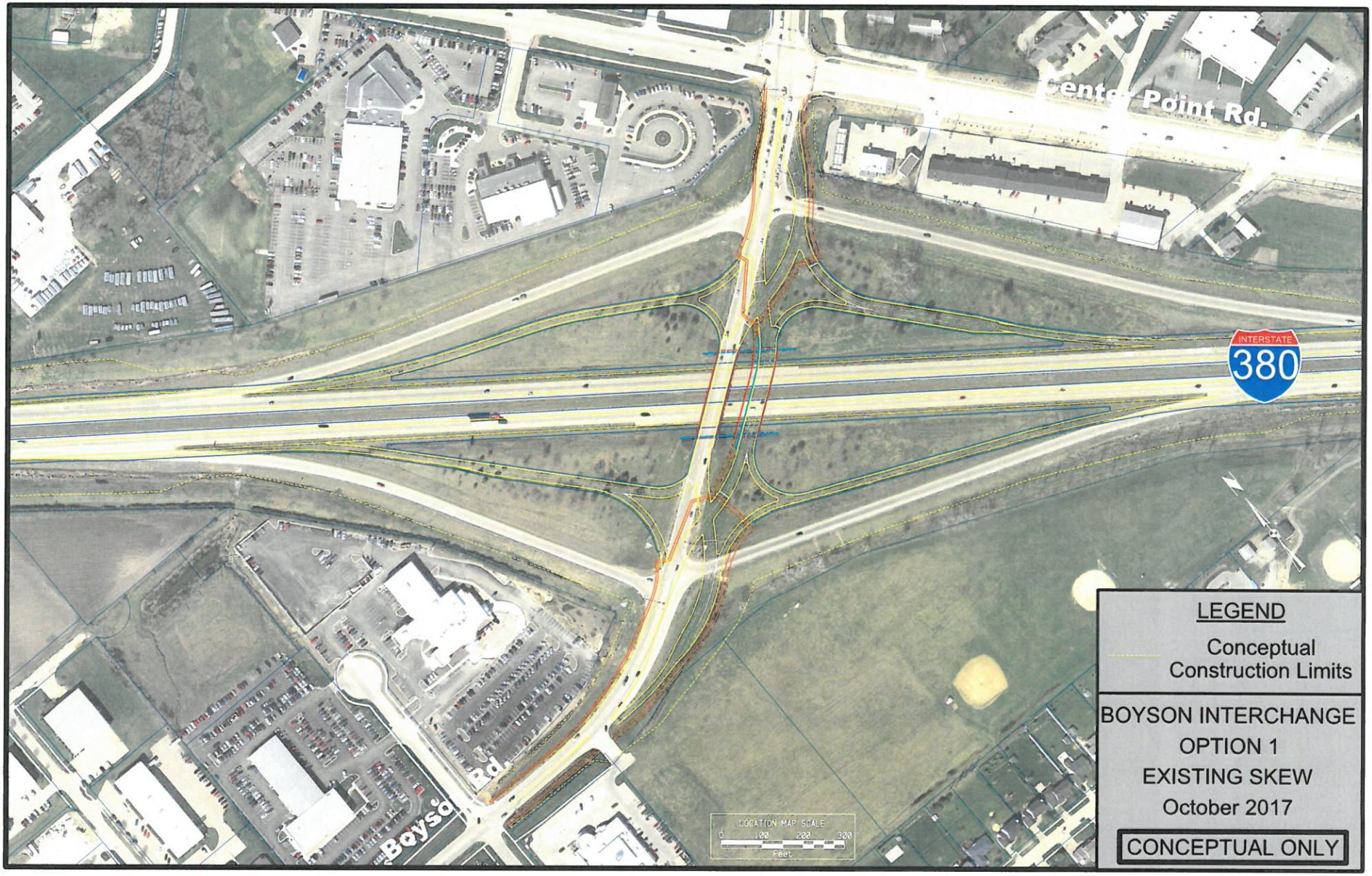


Edgewood Road Culvert and Grading



PIAA Date: 11/14/2017

Loggerhead Rd.
race Rd.
INTERSTATE
380
Legend
Proposed Paveme
Proposed Bridge
Potential Access Clo

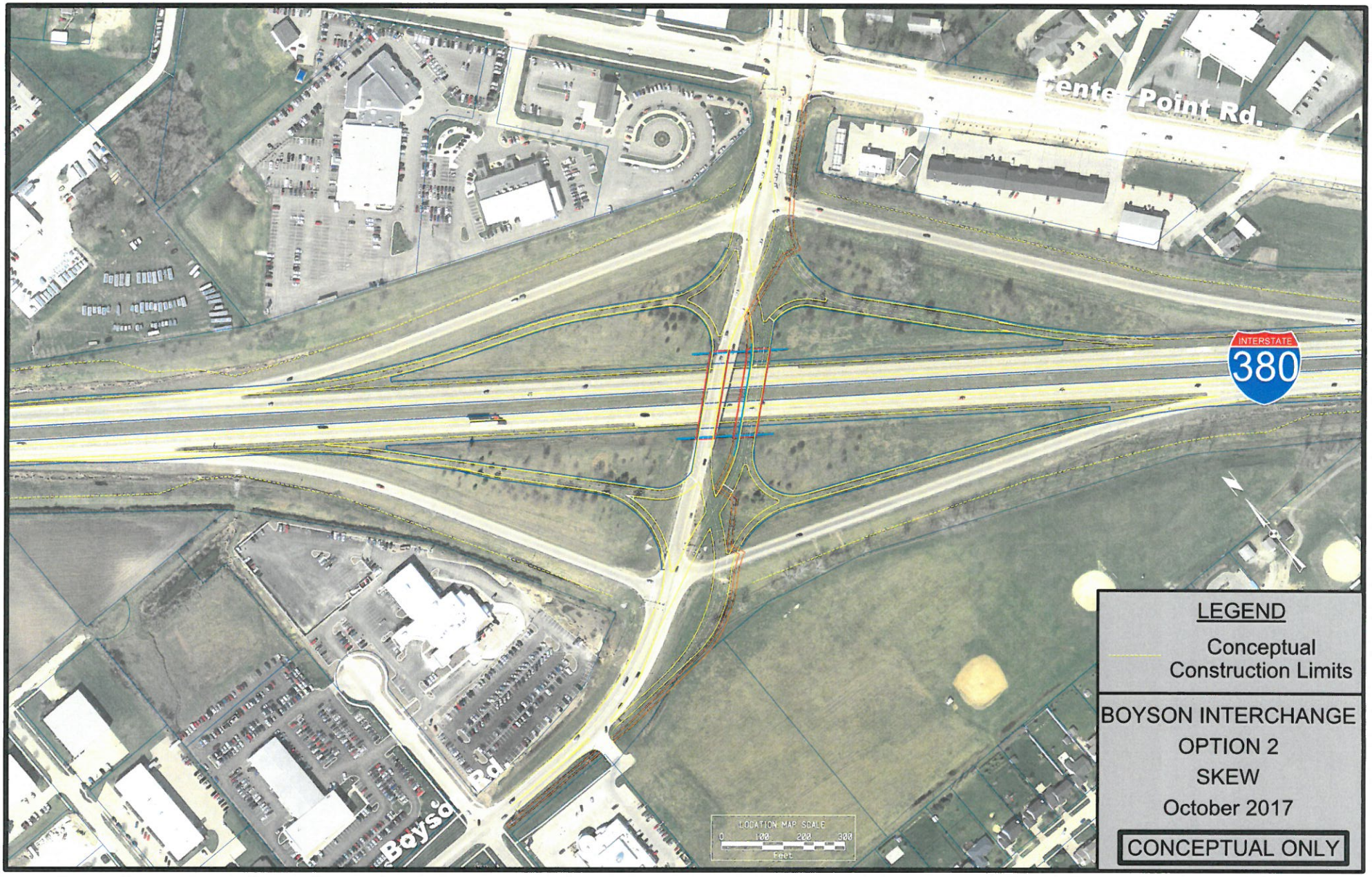


LEGEND

Conceptual Construction Limits

BOYSON INTERCHANGE
OPTION 1
EXISTING SKEW
October 2017

CONCEPTUAL ONLY

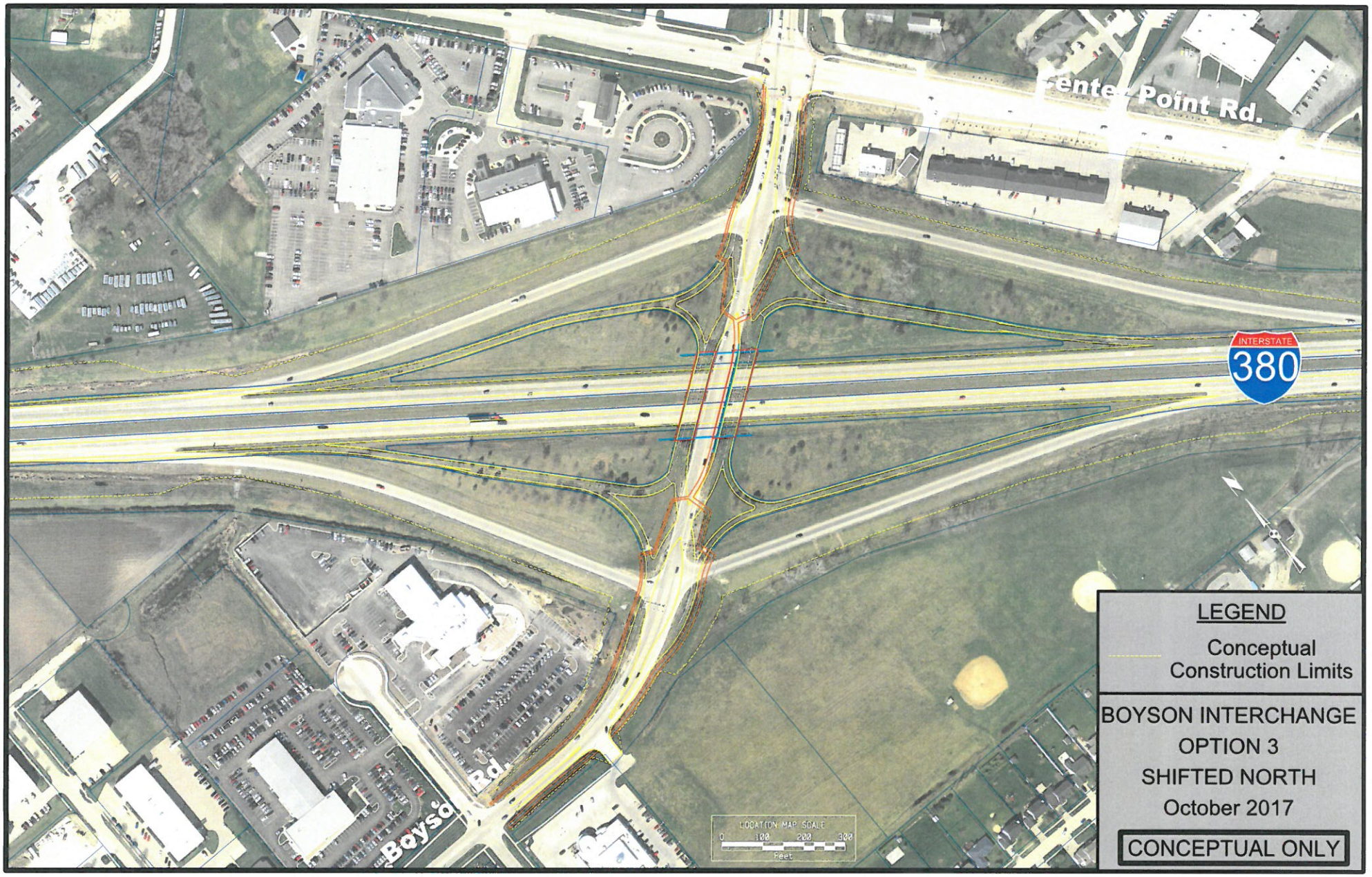


LEGEND

Conceptual Construction Limits

BOYSON INTERCHANGE
OPTION 2
SKEW
October 2017

CONCEPTUAL ONLY



LEGEND

Conceptual Construction Limits

BOYSON INTERCHANGE
OPTION 3
SHIFTED NORTH
October 2017

CONCEPTUAL ONLY

Say Hello to a Great Place to Live, Work and Play

CITY of HIAWATHA

SINCE 1950

NPDES Permit #57-35-0-00

2017 Annual Report

City of Hiawatha
101 Emmons St
Hiawatha, Iowa 52233