City of Hiawatha

Engineering Department

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To: Mayor and City Council **Date: February 22, 2018**

From: John Bender PE, City Engineer

Re: February 2018 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. We have several site plans under review.
- Pecks 1St Addition improvements have now started with grading, sewer, and water main construction. We are also working with the City of Cedar Rapids on the final plans for the extension of Edgewood Road to the north
- The Emmons/Robins/North Center Point Road intersection reconstruction project is now complete. The work to reconfigure North Center Point Road with 3 lanes and bike lanes will be completed as soon as possible this spring. Final project close-out documents can be prepared and forwarded to Council for final acceptance after the remaining work is completed.
- The Edgewood Road grading and culvert project is substantially complete. We are working with the Linn County Engineering Department to get the final paperwork completed. We also approved a temporary reduction in the posted speed limit from 45mph to 35mph. The County must also approve this reduction in the County portion of the roadway.
- The concrete overlay project for Edgewood Road is planned for a March 20th, 2018 bid letting. We have reviewed the preliminary plans with the County Engineering staff to determine the best concept for the finished roadway surface. The proposed schedule is to allow 40-45 working days to complete the project with an incentive to complete the project early. We plan for the roadway to be open to traffic before the first part of August and school starting for the fall session. A detour will be established on Center Point Road and County Home Road.
- We have an engineering contract approved to begin design of the sanitary sewer extension on the east side of Edgewood Road approximately 2000 feet south of Hunt Road. This sewer will serve the existing Sari property that was annexed into the City approximately 7 years ago and also approximately 70 acres of the undeveloped farm land between Edgewood Road and I-380.

- The Iowa DOT conducted a meeting with the residences of the Tower Terrace Mobile Home Park to discuss possible impacts of the new Tower Terrace Interchange. At that time the staff as prepared displays of two possible options for the new interchange. One display for a standard diamond interchange and one for the diverging diamond design. That meeting was attended by approximately 30 people.

- We have submitted the Metropolitan Planning Organization (MPO) application for the 2nd allocation of funding of the new Tower Terrace Interchange scheduled to start construction in FY22 or possibly FY21. The application is for $1.0 million of MPO funds to help provide a local match for the project. The total requested will be $4.0 million, as $1.0 million in 4 consecutive years.

- We have engineering proposals submitted to the Metropolitan Planning Organization to update the Tower Terrace Roadway Alignment Study prepared in 2010. A steering committee met and determined the proposal from Anderson Bogert Engineers was the best proposal. The MPO staff will proceed with the study which will include at least 2 public information meetings. We will keep Council updated as to the schedule for these meetings. The study is planned to be complete by July of this year. The study is funded with MPO dollars.

I am scheduled out of the office several weeks in March, but will be receiving my email and messages. I am sure there are other projects I failed to include in the report, but feel free to contact me with questions at any time.