City of Hiawatha
Engineering Department

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To: Mayor and City Council **Date: January 30, 2020**

From: John Bender PE, City Engineer

Re: January 2020

Description: Engineering Department Report

- Working with Public Works on various projects as they come up.
- Working with the Community Development Department to review building site plans, final plats, and rezoning requests. Projects under way include the Todd Hills 1st Addition, Sherman 9th and 10th Addition, the library expansion, and Dell Ridge Phase IV.
- The Mid-Town Utility and Street extension contractor, Rathje Construction of Marion, has started work on the sanitary sewer and storm sewer extension. Clearing and grubbing and preliminary grading has already been completed. Work will continue into February as long as the weather cooperates. The completion date for the entire project is June 1 2020. Funding is programmed with LOST 15-24 dollars.
- We approved a contract with Shive Hattery engineers to design the Center Point Road Improvement Project from Blairs Ferry Road to Clark Street. Rathje Construction from Marion has started work on the traffic signal underground construction. The signal subcontractor, Trey Electric, drilled and poured the large concrete footings for the traffic signal poles at Willman Street. The contract includes replacing the intersection and sidewalk areas at Willman and a new asphalt overlay and pavement markings on Center Point Road. The contractor is also ordering the signal equipment as the delivery time on some of this equipment takes several months. The completion date for this project is now July of 2020. Costs for this project have been anticipated with remaining GO funds from the Edgewood Road project and last year's Emmons Street repair project and remaining LOST funds.
- The contractor, Maxwell Construction from Iowa City, has now completed the sanitary sewer extension project on the east side of Edgewood Road approximately 2000 feet south of Hunt Road. Because of bedrock, we approved a change order to remove the drilled pipe and install the sewer with open cut process in October. We will now proceed with the final out paperwork. This project is funded using the sewer fund and also LOST dollars.

- We have approved a contract with Anderson Bogert Engineers to study railroad crossing "quiet zones" on Center Point Road, Emmons Street, and Blair's Ferry Road. The Notice of Intent has been completed and submitted to the Federal Railroad Authority. We have now submitted the preliminary plans to the railroad for them to prepare the plans and cost estimate for the new signals at Emmons Street. Once they have the estimate, they will forward a contract for Council approval to move forward. This project is funded with GO dollars in the spring of 2020. Schedule as follows:

Anticipated Schedule	
Meeting(s) with City staff or Railroad	As scheduled
60% Plans	February 12, 2020
Railroad Preliminary Engineering Complete, for City approval	February 24, 2020**
Railroad Construction Agreement Approval by Council	March 4, 2020
90% Plans	March 11, 2020
Railroad signatures complete, equipment ordered	March 25, 2020**
100%/Print Plans	April 7, 2020
Bid Docs, IDOT ROW and Railroad ROW Permits	April 21, 2020
Construction Bid (non-railroad)	April - May, 2020
Construction (railroad)	September 2020
Construction (non-railroad)	September 2020
Quiet Zone Notice of Establishment / Full Implementation	November 30, 2020

**Approximate date

- We have a contract with MSA professional Services for the resurfacing of 12th Avenue from Blair's Ferry Road about 2000 feet north to just south of Lyndhurst Drive. The project is now complete. We did have an overrun on the asphalt quantity and the restoration and sodding bid items. We are now preparing the balancing change order to take to Council in February. The project is funded with LOST 15-24 dollars.

- We had a contract with Hall and Hall Engineers to prepare the plans and specifications for the widening of 18th Avenue at Blair's Ferry Road. This project is complete and the final paperwork was approved in January. We are now working with Cedar Rapids on the second phase of the project which includes a traffic signal at 18th Avenue and traffic islands installed on Blairs Ferry Road. We expect the preliminary engineering report and cost estimates in February. Funding is included in the CIP for FY21.

- We have a contract with Shive Hattery Engineers to prepare plans for the 2019 Storm Sewer Repair project. We had a bid opening in November with 7 contractors submitting with Boomerang Corporation from Anamosa submitting the lowest proposal. The contract has been approved with the completion date for this project in July of 2020. Included in the project is the following areas:

    - Pirie Drive to the west of Nixon Elementary School
    - Raney Street east of 12th Avenue

- We are planning a design contract with Hall and Hall Engineers to move ahead with the Willman Street resurfacing project from Center Point Road to 4th Avenue. Because of the new library addition, we are anticipating a new asphalt overlay after repair of the deteriorated street areas and possible new curbs. We will also study the addition of a sidewalk on the north side of the street. There was an open house January 29th to introduce the local property owners to the concept. We will update the Council on the discussions at the open house. This project is included in the newly adopted CIP using previously bonded dollars.

- City Council approved a contract with Snyder and Associates as the design consultants for the environmental study/NEPA study /preliminary and final design of the City's approximately 2000 feet of Tower Terrace Road reconstruction. We are now moving ahead with the preliminary design which includes the construction of a roundabout at Center Point Road. We have met with the Iowa DOT and the City of Cedar Rapids to finalize the funding options through the Corridor Metropolitan planning Organization. A draft Memorandum of Understanding has now been prepared. We are also working with the DOT for an agreement to provide the right-of-way negotiations and purchase for the City. We will keep the Council updated as we work through these preliminary documents. More to come.

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.