City of Hiawatha
Engineering Department

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To: Mayor and City Council

Date: September 25, 2019

From: John Bender PE, City Engineer

Re: September 2019

Description: Engineering Department Report

- We were notified by the CN Railroad at they will be replacing the Boyson Road Railroad crossing with new preformed rubber mats. This will be similar to the crossing at Robins Road they did a year ago. This took place last week for the planned 3 days with public notices and information boards on I-380 informing the public. The roadway was opened on Thursday without incident.

- 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 informed us they will start construction later this year. We are planning a preconstruction meeting early in October. Funding is programmed with LOST 15-24 dollars.

- We approved a contract with Shive Hattery engineers to design the new signal at Center Point Road and Willman Street. The project was bid on June 4, 2019 with the bids coming in considerably above the engineer's estimate. Council tabled any action on the project until such time as we can discuss a new course of action. We have also approved a contract with Shive Hattery to look at the roadway surface repairs to the section of Center Point Road between Blair's Ferry Road and Clark Street. We rebid the project on September 24, with the bids coming in 2% over the engineers estimate. We will have the bid information ready for the October 2, 2019 Council meeting. 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 sanitary sewer extension project on the east side of Edgewood Road approximately 2000 feet south of Hunt Road has encountered bedrock. We have now reevaluated the sewer alignment and developed plans for an open cut sewer project instead of a pipe drilling project. We hope to have a

change order to Council in the next few weeks to revise the scope of this project and complete the work before the end of the year. 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. This project will allow the trains to eliminate the horn warnings at these crossings. The Notice of Intent has been completed and submitted to the Federal Railroad Authority. This project is funded with GO dollars in the spring of 2020.

- The Robins Road Planning Study has been completed and we are moving forward with the implementation. Our consultant, Bolton Menk of Cedar Rapids, has provided a scope and fee to help us through the Planning and Zoning process to develop the needed zoning ordinance overlay documents. We have a plan to establish a new study committee that will have a kick off meeting October 14, 2019.

- 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 well underway with the pavement preparation completed with the next phase of replacing the sidewalk ramps started this week. The hope is to complete this project within approximately 6 weeks. This project is funded with LOST 15-24 dollars.

- We have 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 includes removal of the curbs and widening 18th Avenue to a 3-lane section with new signals as a cooperative project with the City of Cedar Rapids. We how have bid the project with Midwest Concrete of Peosta submitting a bid approximately 4% under the engineers estimate. We are currently setting up a pre-construction meeting in the next week. The 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. There are several areas of concern for storm water issues that have been brought to the attention of staff and the City Council. We will have final plans ready by the last week of September for the following areas:

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

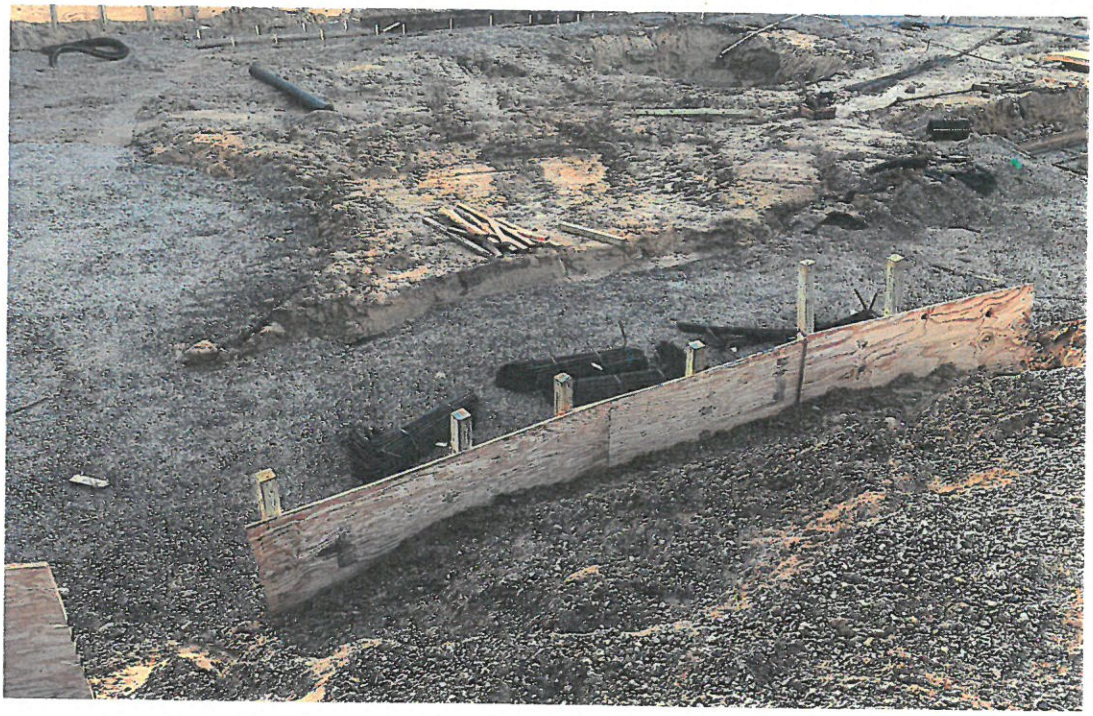
  We hope to have the project out to bids this fall with completion of the work scheduled for next spring.

- 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 have the preliminary traffic study and the preliminary concept designs completed to anticipate the opening day and proposed 2040 traffic volumes. We are also attempting to reduce the proposed new right-of-way needs as much as possible. A public information meeting was held on September 24 to review the concepts before we bring the draft traffic study to Council.

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.

12th Ave Sidewalks

12th Ave Paving



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