City of Hiawatha

Engineering Department

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To: Mayor and City Council **Date: March 28, 2018**

From: John Bender PE, City Engineer

Re: March 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.
- Pecks 1St Addition improvements are progressing with grading, sewer, and water main construction. We are also working on the extension of Edgewood Road to the north of Blair's Ferry Road. The sanitary sewer in the Bali Hai Addition has also started construction
- The Emmons/Robins/North Center Point Road intersection reconstruction project is now complete. Work has now started on the punch list items. They are minor items to be repaired. 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.
- We are taking core samples of the asphalt surface on Robins Road from north of the Bali Hai area to Stonegate Court. We have a project in the 2018 CIP to resurface the area due to many ruts and potholes. The core samples will tell us the condition of the existing asphalt and help us determine the best way to proceed with the resurfacing project.
- We have taken proposals from 2 concrete companies for the repair of Boyson Road just east of Robins Road. There is a large area that has been broken and that has sunk to the point that the snow plows could possibly incur damage as we do the snow removal operations. Because of the large traffic volume on the section of Boyson Road, we propose to have a contractor remove and replace the entire area at one time. This will be done on a Saturday morning while the road is closed and a detour is established. By using a contractor and high-early concrete, we can have the road open to traffic by Sunday night.
- The concrete overlay project for Edgewood Road was bid March 27th at the DOT in Ames. This project will be administered by the County Engineers office. The bids were competitive with the firm of Horsfield Construction from Epworth Iowa submitting the lowest responsible bid. Hiawatha is

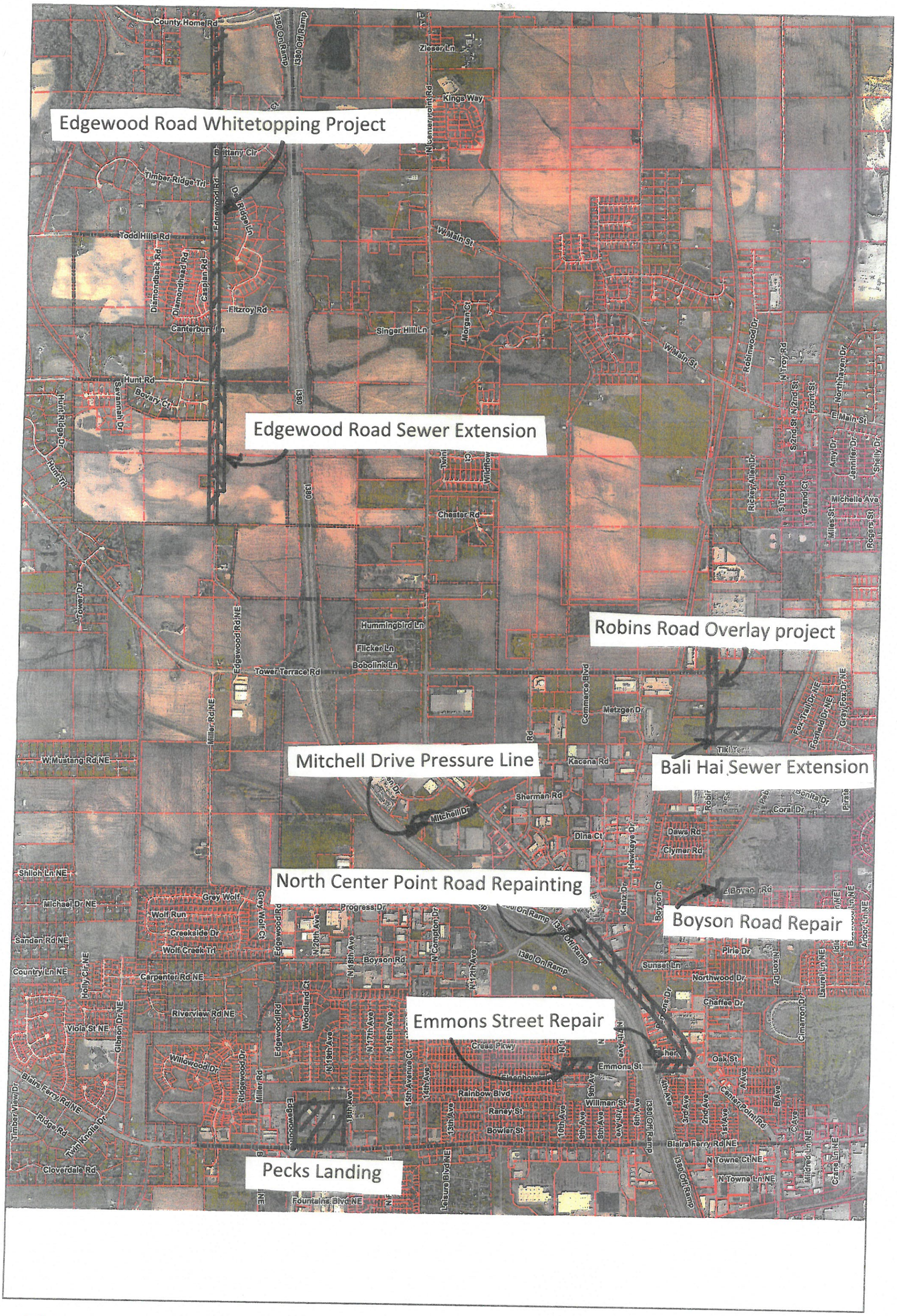
responsible for roughly 65% of the cost. The bid is approximately 10% under our estimated total cost of the project. The proposed schedule is to allow 40-45 working days to complete the project with an incentive to complete the project early. We plan for the roadway to be open to traffic before the first part of August and school starting for the fall session. A detour route will be established on Center Point Road and County Home Road.

- We are continuing with the 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. This project also included the repair of the existing sewer pressure line from the Mitchell Drive pumping station

- Preliminary design continues on the removal and replacement of 2 sections of Emmons Street. The area just east of the railroad to the new intersection and the area between 9th Avenue and 10th Avenue. We are planning a public information meeting at City Hall the afternoon of April 9th, from 4:00pm to 6:00pm. More information on this project to follow.

- The Metropolitan Planning Organization has started updating the Tower Terrace Roadway Alignment Study. This study, prepared in 2010, will be updated with a consultant reviewing the proposed alignment and anticipated construction cost, along with at least 2 public information meetings. Several areas of the roadway have been constructed with several other areas planned with fund sources allocated. With the Tower Terrace Interchange at I-380 planned to start in FY2022, it is important that all jurisdictions continue a coordinated effort to plan and construct this important northwest connection. We will keep Council updated as to the schedule for these public meetings. The study is planned to be complete by July of this year and is funded with MPO dollars.

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.



Hiawatha!

1 inch = 1,500 feet