City of Hiawatha
Engineering Department

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To: **Mayor and City Council** **Date: March 27, 2017**

From: John Bender PE, City Engineer

Re: **March 2017 Update**

Description: 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.

- The second phase contract awarded to Rathje Construction Inc. from Marion Iowa is well underway for 2017. Emmons Street west of North Center Point Road is now closed with a detour established on 4th Avenue to Willman Street with a 4-way stop installed at Willman Street and Center Point Road. The Emmons Street entrance to City Hall is closed, but the Clark Street entrance is open. The contractor has moved North Center Point Road traffic to the east 2 lanes, which allows the removal of the west one-half of the street to be replaced during the same phase that the new relocated Emmons Street is constructed.

  All electrical lines have now been lowered and all the existing power poles have been removed.

- The City of Hiawatha has received approval from the Federal Highway Administration to proceed with interim changes to the traffic signals at all three intersections at the Boyson Road Interchange. New signal equipment is planned at the Boyson Road/North Center Point Road intersection and both traffic signals at the I-380 off ramps. Also planned, is the conversion of the existing traffic lane configuration to allow for 2-through westbound traffic lanes from about 300 feet east of North Center Point Road across the I-380 overpass.

  We have an amendment to the design work order with Hall and Hall Engineers on the Council agenda with week to add widening of Boyson Road east of North Center Point Road for 2 through traffic lanes.

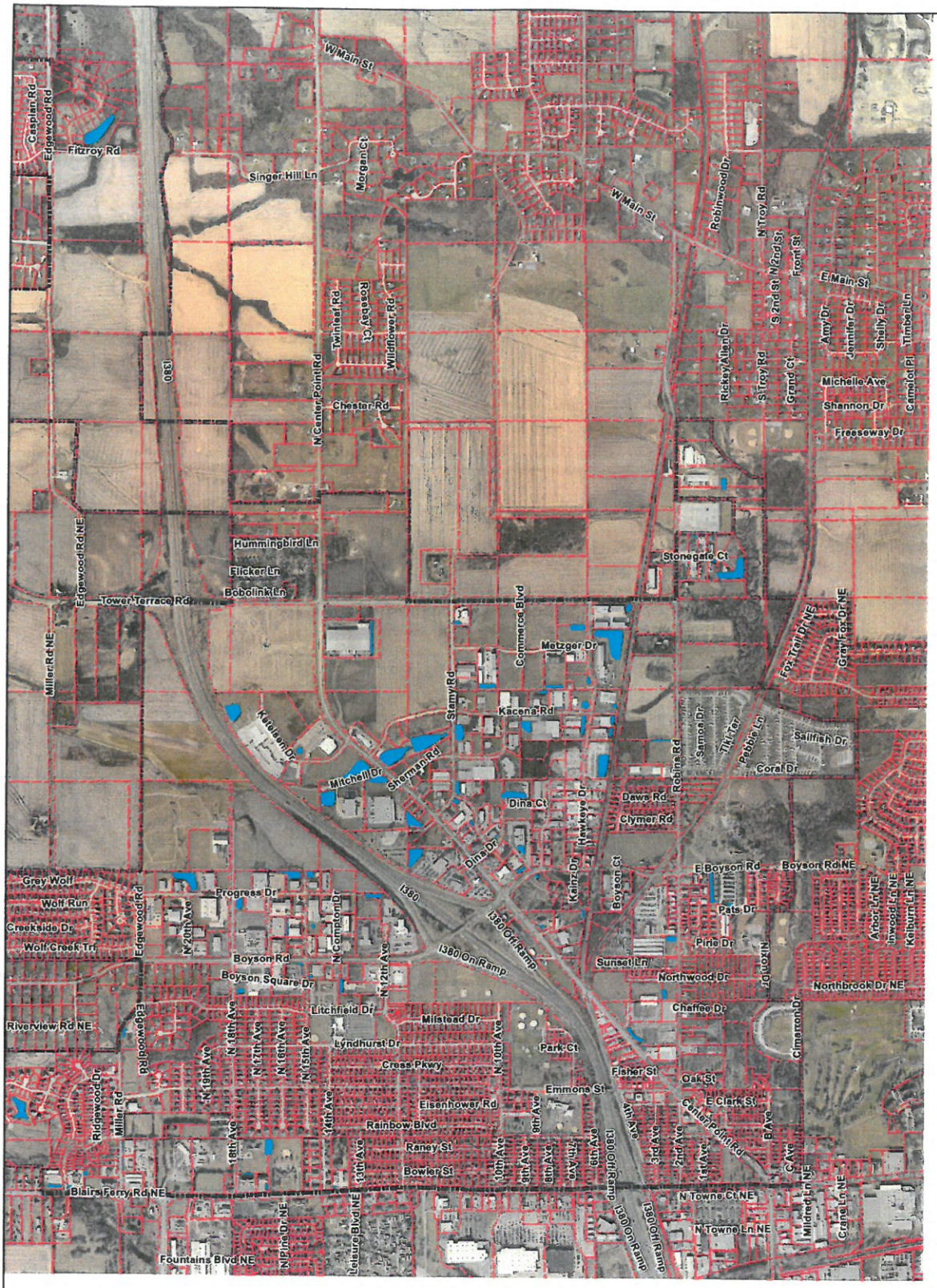
- Engineering is now working with Community Development to help monitor the detention basin construction within the private developments. We now have a seat on the citizen serve program that they use and we can enter our inspections directly into the program in order to keep up-to-date records on the basins in the City. We currently have over 80- private detention basins in operation.

- Another significant improvement planned for the interchange by the Iowa DOT is the widening of the Boyson Road northbound off ramp from one lane to two lanes. The Iowa DOT has agreed this improvement will provide more storage for turning traffic to reduce the stacking of cars into the I-380 traveled lanes during peak hours. The proposed letting of a construction contract is scheduled for July.

- Hiawatha is the lead agency to submit the funding request for the Tower Terrace Interchange local match. The application was submitted in January. The local agencies pledged $5 million to the almost $20 million project, $4 million from the Corridor Metropolitan Planning Organization and $1 million from all the local agencies. The Corridor Metropolitan planning Organization will consider the applications in February and March.

  The information we have indicates the Iowa DOT has included the Tower Terrace Interchange in their draft 5-year construction plan. This is great news!

  I'm sure there are some items missed. If you have any questions, please feel free to let me know.



Detention Basins

Hiawatha!

1 inch = 1,417 feet

Boyson Interchange Improvements

I-380 Improvements

in Linn County

Concept Displays - Tower Terrace Road

Diamond Interchange

IOWA DOT