# City of Hiawatha
## Engineering Department

**101 Emmons St., Hiawatha Iowa, 52233-1697**
**PHONE (319) 393-1515 ext. 511 FAX (319) 393-1516**

**To:** **Mayor and City Council** **Date: September 21, 2018**

**From: John Bender PE, City Engineer**

**Re:** **September 2018 Update**

**Description: Engineering Department Report**

- Working with Public Works on various projects.
- 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 Square 9th Addition and several new commercial site plans.
- The Emmons/Robins/North Center Point Road intersection reconstruction project is now complete and accepted. We are now working with the future land owner as redevelopment of the surrounding property is planned to start this fall or next spring.
- The contractor, Horsfield Construction from Epworth Iowa, is complete with the concrete overlay of Edgewood Road from County Home Road south the Hiawatha City limits. We are reviewing the final documents and will keep the Council updated as to the final acceptance of this project.
- The 2018 Robins Road Pavement rehabilitation project is well under way. LL Pelling from North Liberty has the asphalt removed and the full depth reclamation of the existing base with Portland cement completed. They are currently working on the new 4 inch thick asphalt surface. There will be short term street closures while the work is accomplished, however detour routes will be established with signing provided for guidance.
- We are working to update our construction specifications for all work done in Hiawatha to the Statewide Urban Design and Specifications Program. (SUDAS). We are reviewing the documents in conjunction with Cedar Rapids and both cities plan to replace the Metro Design Standards used since about 2006. The schedule for adoption is now set for the first of next year to start the new construction season.

- Pirc Tobin is now complete with the improvements included in the Fisher Property storm sewer extension. The project was completed just in time for all the rain we received in August and September.

- We are completed with the design of the sanitary sewer extension on the east side of Edgewood Road approximately 2000 feet south of Hunt Road and the replacement of the Mitchell drive pressure line. We plan to receive bids October 11th with Council approval scheduled for October 17th. The contract can then be approved for the construction, which should start in November. The completion date for the contract will be next spring.

- The contractor, Rathje Construction from Marion is completed with 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 now preparing the final documents for acceptance of the project.

- Council has authorized moving ahead with the Robins Road Planning Study for the area between the new intersection at Center Point Road and Boyson Road. We have several firms that responded to the Statement of Qualifications and we are in the process of reviewing these proposals. The study area will take several months to complete so we anticipate a spring completion date. The steering committee will meet in October and bring a recommendation for the planning firm to the Council in November.

- The Metropolitan Planning Organization is finalizing the Tower Terrace Roadway Alignment Study update. The third steering committee meeting was held in September, with an open house scheduled for late early October. This study, prepared in 2010, will be updated with a consultant reviewing the proposed alignment and anticipated construction cost.

- City staff plans to attend the Iowa Department of Transportation Commission meeting October 9th, in Decorah. In August, representatives of the Iowa DOT, City of Hiawatha, City of Cedar Rapids, and design consultants held a field exam to review a preliminary plan set for the project to widened I-380 to a 6-lane facility. The project area of I-380 is approximately 5-miles in length and remains a four lane divided interstate within the city limits of Hiawatha and Cedar Rapids. The goal is to improve the safety and operations of I-380. **The project will also provide the needed improvements at the Boyson Road interchange and a new interchange at Tower Terrace Road.** The presentation to the Commission will update them on the plans Hiawatha and other cities have developed to make improvements the entire Tower Terrace Corridor.

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.

Robins Road

Robins Road

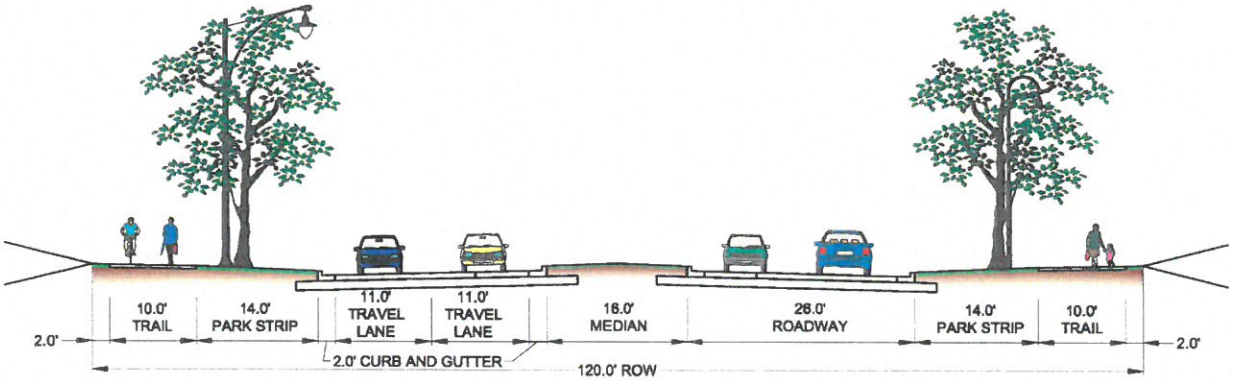
CORRIDOR MPO

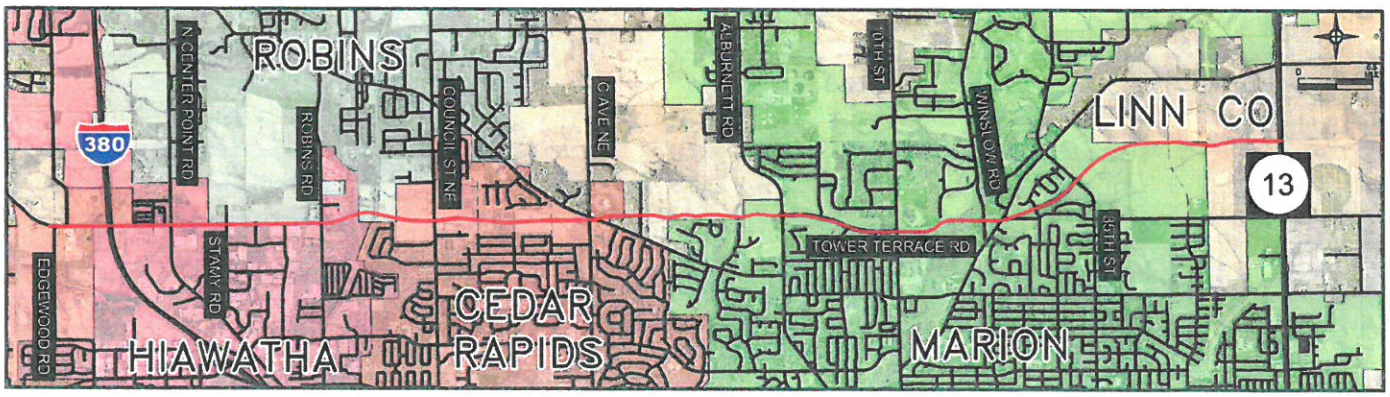
Hiawatha • Robins • Cedar Rapids • Linn County • Marion • Iowa DOT

# Tower Terrace Road

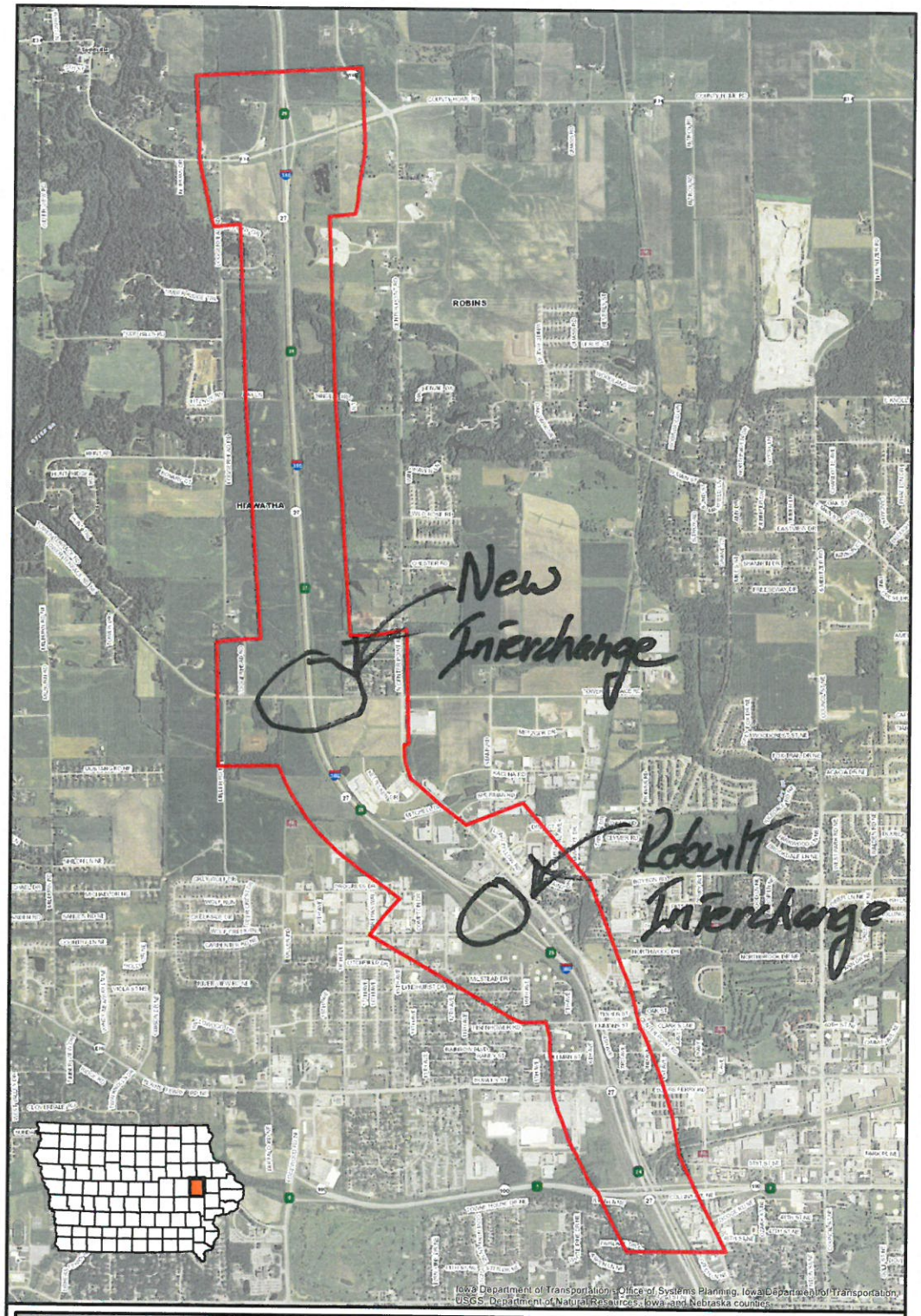
## Corridor Management Plan Update

### Updated September 2018




*Prepared for Corridor MPO by Anderson Bogert*




IOWADOT

Created July 2016

Project Location within Linn County

Study Area

0 0.2 0.4 Miles

**LOCATION MAP**

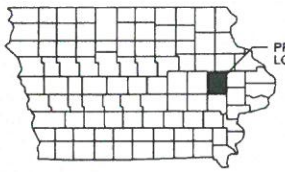
**IM-380-6(224)25--13-57**

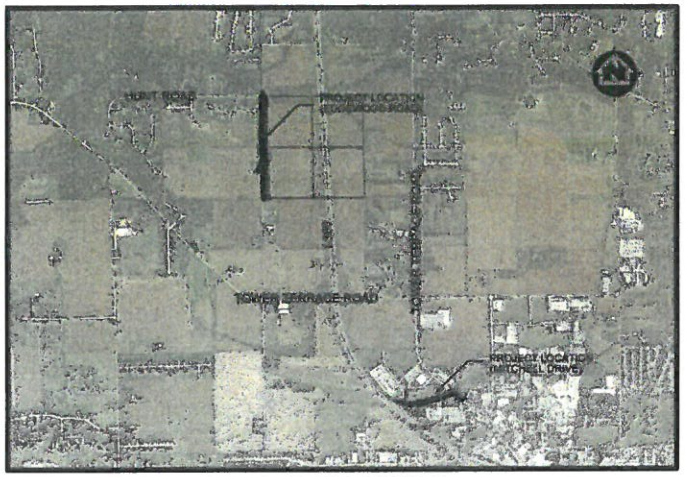
Linn County, Iowa

Bids October 10th

# 2018 HIAWATHA SEWER EXTENSION & FORCEMAIN REPLACEMENT

## CITY OF HIAWATHA
## HIAWATHA, IOWA




**LOCATION MAP**
NOT TO SCALE

## LEGEND

- EXISTING WATER MAIN
- EXISTING GATE VALVE & HYDRANT
- WATER SERVICE & CURB STOP
- PROPOSED WATERMAIN, VALVE, & HYDRANT
- PROPOSED WATER SERVICE & CURB STOP
- EXISTING SANITARY SEWER & MANHOLE
- EXISTING FORCEMAIN
- EXISTING STORM SEWER & INLET
- PROPOSED STORM SEWER & INLET
- PROPOSED STORM SEWER & MANHOLE
- PROPOSED SANITARY SEWER & MANHOLE
- BURIED ELECTRIC
- BURIED GAS & VALVE
- BURIED CABLE TELEVISION
- BURIED TELEPHONE
- BURIED FIBER OPTICS
- OVERHEAD UTILITY
- RAILROAD TRACKS
- EXISTING CURB & GUTTER
- PROPOSED CURB & GUTTER
- EXISTING SIDEWALK
- PROPOSED SIDEWALK
- EXISTING CULVERT PIPE
- PROPOSED CULVERT PIPE
- FENCE LINE
- DRAINAGE ARROW
- SILT FENCE
- RIGHT-OF-WAY
- BASELINE
- PROPERTY LINE
- TREE LINE
- BENCHMARK
- IRON PIPE
- IRON ROD
- CONTROL POINT
- UTILITY POLE & GUY
- SOIL BORING
- LIGHT POLE
- PEDESTAL
- STREET SIGN
- MAILBOX
- FLAGPOLE
- TREE - DECIDUOUS
- TREE - CONIFEROUS
- TREE TO BE REMOVED

### SHEET INDEX

| SHEET NUMBER | SHEET TITLE |
|---|---|
| A.1 | TITLE SHEET |
| A.2 | SITE LOCATION |
| B.1 | STANDARD DETAILS |
| B.2 | GENERAL NOTES |
| C.1 | ESTIMATED QUANTITIES |
| J.1 | TRAFFIC CONTROL GENERAL NOTES |
| M.1 | FORCEMAIN PLAN AND PROFILE - MITCHELL DR. |
| M.2 | FORCEMAIN PLAN AND PROFILE - MITCHELL DR. |
| M.3 | FORCEMAIN PLAN AND PROFILE - MITCHELL DR. |
| M.4 | SANITARY PLAN AND PROFILE - EDGEWOOD RD. |
| M.5 | SANITARY PLAN AND PROFILE - EDGEWOOD RD. |
| M.6 | SANITARY PLAN AND PROFILE - EDGEWOOD RD. |
| M.7 | SANITARY PLAN AND PROFILE - EDGEWOOD RD. |

## UTILITIES

GAS:
MID-AMERICAN ENERGY
GREG WILDEBOUR
602 D AVE NW
CEDAR RAPIDS, IA 52405
PHONE: 319-298-5162
FAX: 319-298-5164

ELECTRIC:
ALLIANT ENERGY
MARG MEISTERLING
1001 SHAVER RD NE
CEDAR RAPIDS, IA 52402
PHONE: 319-786-1908
FAX: 319-786-1959

LINN COUNTY REC
5695 REC DRIVE
P.O. BOX 69
MARION, IA 52302
PHONE: 319-377-1587

TELEPHONE:
IMON COMMUNICATIONS
625 FIRST STREET SE, SUITE 100
CEDAR RAPIDS, IA 52401
PHONE: 319-298-6484

SEWER:
CITY OF HIAWATHA
ROD JASA
PHONE: 319-393-1515
PHYSICAL: 1410 ROBINS RD.
MAILING: P.O. BOX 485 101 EMMONS ST.

WATER:
CITY OF HIAWATHA
MARTY RECKER
PHONE: 319-393-5556
PHYSICAL: 101 EMMONS ST.
MAILING: P.O. BOX 485

CATV:
CENTURYLINK
4444 1ST AVENUE NE
CEDAR RAPIDS, IA 52402
PHONE: 319-378-3140

WINDSTREAM
929 MARTHA'S WAY
HIAWATHA, IA 52233
PHONE: 800-289-1901

IOWA ONE CALL
1-800-292-8989
www.iowaonecall.com
811

NOTE:
UTILITY LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND CONTRACTOR SHALL HAVE APPROPRIATE UTILITY MARK EXACT LOCATIONS PRIOR TO CONSTRUCTION.

LICENSED PROFESSIONAL ENGINEER
JOSEPH R. ELSINGER
21996
IOWA

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

SIGNATURE: DATE: 9/17/18
MY LICENSE RENEWAL DATE IS DECEMBER 31, 2019
MY LICENSE NUMBER IS: 21996
PAGES OR SHEETS COVERED BY THIS SEAL: ALL

| ORIGINAL SCALE: AS SHOWN | NO. | DATE | REVISION | BY |
|---|---|---|---|---|
| DRAWN BY: RDH | | | | |
| CHECKED BY: JE | | | | |

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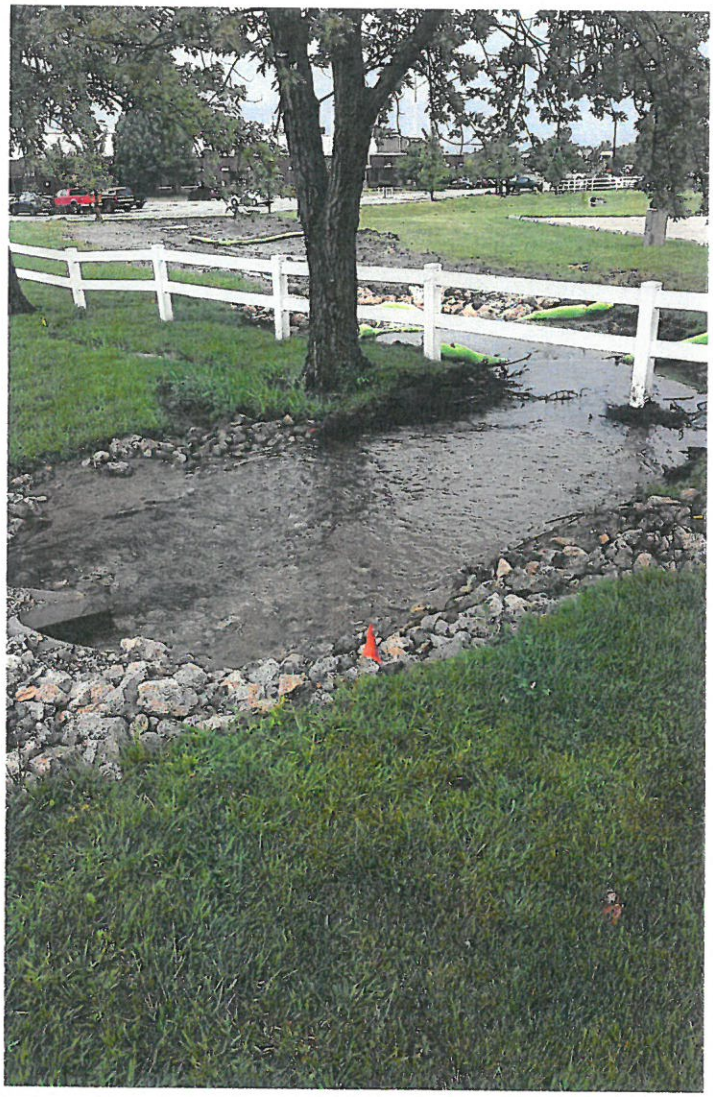
2018 SEWER EXT. & FORCEMAIN REPLACEMENT
CITY OF HIAWATHA
CITY OF HIAWATHA, IOWA

TITLE SHEET

FILE NO. 07808011
SHEET A.1



Fisher Property Storm Sewer