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: June 25, 2019**

From: John Bender PE, City Engineer

Re: **June 2019**

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, Sherman 10th Addition, the library addition, and several new commercial site plans.
- We now have the Mid-Town Utility and Street extension project bid, and Rathje Construction of Marion was the lowest bidder at approximately 20% under the engineer's estimate. This project is the utility and roadway construction of "A" Avenue to serve the Oakbrook redevelopment. The schedule is to have the utility work and roadway extension completed by December of this year. The final grading and clean up can happen in the spring of 2020.
- 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 ordered the manufacture of the poles and mast arms for this new signal layout that will utilize the "2 signal pole" concept. We plan to meet in July to develop a new schedule to proceed with this project. The costs for this project have been anticipated with LOST funds.
- We have 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. This area was last resurfaced in 2003. The large traffic volume has taken a toll on the street condition, as we have always anticipated adding a new surface in this area as the last improvement to the entire Center Point Road corridor. We have preliminary plans prepared with a cost opinion and will discuss this project with Council along with the Willman Street Signal project.
- The sanitary sewer extension project on the east side of Edgewood Road approximately 2000 feet south of Hunt Road has encountered bedrock that will drastically increase our costs if we proceed with

the original plan. The soil borings we took during the preliminary design did not find this area of rock. We are now reevaluating the sewer alignment to see if there are alternative routes to locate this sewer and miss the rock we encountered. We will work with Maxwell Construction from Iowa City, the prime contractor, to come up with a solution. We will bring a plan to Council in July.

- We have approved a contract with Anderson Bogert Engineers to start the study of railroad crossing "quiet zones" on Center Point Road, Emmons Street, and possibly Blair's Ferry Road. We had taken traffic counts at all 3 locations with assistance from the Iowa DOT. Our plan is to develop the design criteria and schedules to proceed with the "letter of intent" for these proposed improvements. This will allow the trains to eliminate the horn warnings at these crossings. We will keep Council posted on our progress.

- We are moving ahead with the Robins Road Planning Study for the area between the new intersection at Center Point Road and Boyson Road. Our consultant, Bolton Menk of Cedar Rapids, held the 4th steering committee meeting April 2nd and the final open house was held May 16th. We also made a presentation to the Planning and Zoning Commission at their meeting June 24th meeting. We will bring our schedule to update the comprehensive plan to Council in July.

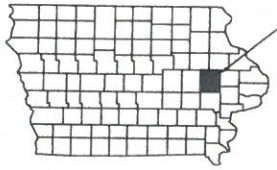
- We have approved a contract with MSA professional Services for the resurfacing of 12th Avenue from Blair's Ferry Road about 2000 feet north to just south of Lyndhurst Drive. We held a public open house on June 20th to notify residents of our construction schedule. The project is now out for bids, with Council holding a public hearing on July 17th.

- 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 started the traffic study and the preliminary concept designs 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. We will keep Council updated on our progress.

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 12TH AVENUE REHABILITATION

CITY OF HIAWATHA
LINN COUNTY, IOWA



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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

UTILITIES

GAS:
MIDAMERICAN ENERGY-GAS
STACY HANK
319-295-5157

ELECTRIC:
ALLIANT ENERGY
LARA BARR
319-286-1315

COMMUNICATION:
CENTURY LINK
TOM STURMER
720-578-8090

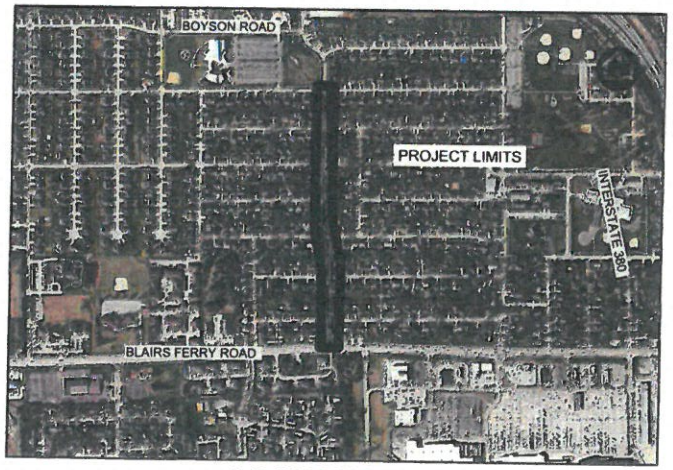
IMON COMMUNICATIONS, LLC
LENNIE MARNER
319-261-4640

AUREON NETWORK SERVICES
JEFF KLOCKO
515-830-0445

MEDIACOM
RANDY CHASE
845-867-0933

SEWER & WATER:
CITY OF HIAWATHA- SEWER
ROD JASA
319-393-6601

CITY OF HIAWATHA- WATER
MARTY RECKER
319-393-5556



LOCATION MAP
NOT TO SCALE

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

CITY OF HIAWATHA
APPROVED FOR CONSTRUCTION

SIGNATURE: JOHN BENDER, PE DATE:

IOWA ONE CALL
1-800-292-8989
www.iowaonecall.com
811 Know what's below. Call before you dig.

LICENSED PROFESSIONAL ENGINEER
BRYAN R. BENJAMIN
22627
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: 6/25/2019

NAME: BRYAN BENJAMIN

LICENSE NUMBER: 22627

MY LICENSE RENEWAL DATE IS DECEMBER 31, 2020

PAGES OR SHEETS COVERED BY THIS SEAL: ALL SHEETS

			NO.	DATE	REVISION	BY
PROJECT DATE: JULY 2019	DRAWN BY	MAA				
	DESIGNED BY	RGH				
	CHECKED BY	BRB				

PLOT DATE Tuesday, June 25, 2019 2:30:28 PM G:\07\07808019\CADD\Construction Documents\07808018_TITLE SHEET.dwg

MSA
ENGINEERING | ARCHITECTURE | SURVEYING
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6045 Rockwell Drive NE, Cedar Rapids IA 52402
(319) 364 4773 www.msa-ps.com
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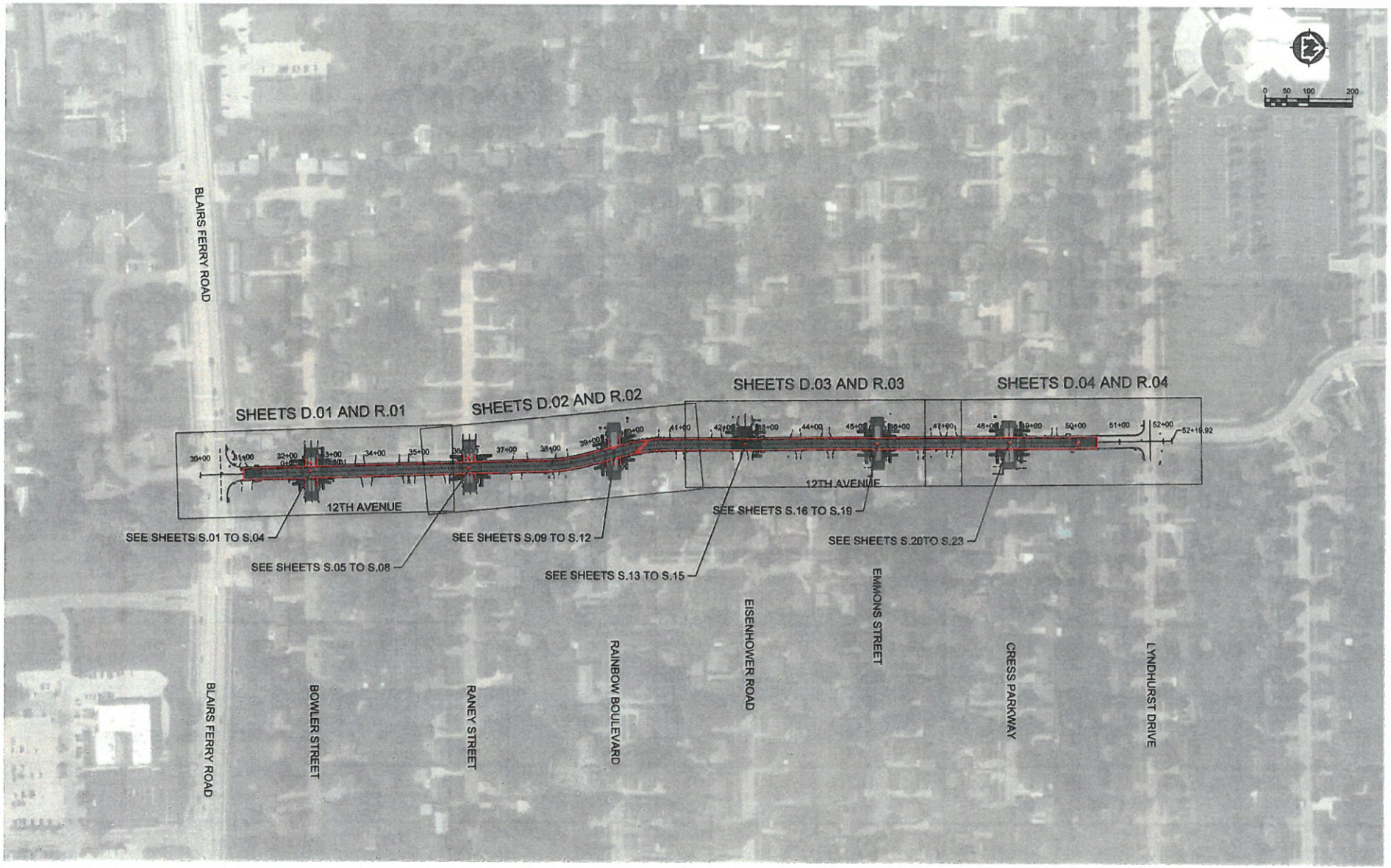
12TH AVENUE REHABILITATION
CITY OF HIAWATHA
CITY OF HIAWATHA, IOWA

TITLE SHEET

PROJECT NO. 07808019
SHEET A.01



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12TH AVENUE REHABILITATION
CITY OF HIAWATHA
CITY OF HIAWATHA, IOWA

OVERALL PROJECT LAYOUT

PROJECT NO. 07808019
SHEET A.02

Notice of Intent

To designate a New Railroad Quiet Zone

Anderson Bogert
4001 River Ridge Dr NE
Cedar Rapids, IA 52402

To whom it may concern:

The following missive serves an official Notice of Intent to designate a new railroad quiet zone as permitted by FRA 49 CFR Parts 222 and 229: Use of Locomotive Horns at Highway-Rail Grade Crossings; Final Rule. This letter is being mailed on behalf of The City of Hiawatha, Iowa, and the City of Cedar Rapids, Iowa (which forward shall be jointly referred to as the "Public Authority"). Paragraph 222.43(a)(1) of the Final Rule requires that this notice be send out to designated parties and allowed a maximum comment period of sixty (60) days to reply with comments. Parties are permitted and encouraged to respond sooner than the required sixty (60) day period. Please respond with comments **OR** respond stating "no comment," signifying the party is releasing their comment requirement, and any time remaining in the sixty (60) day comment period. Return receipt is requested. Response is required no later than XX/XX/XXX, which is 60 days after the mailing date of this letter. In the case of no response, reasonable efforts will be made to contact the addressee in case this letter fails to reach the intended addressee. After this point, the Public Authorities will assume a "no comment" response. This ensures that all required parties are given appropriate opportunity to participate in the designation process.

Please respond via e-mail or certified post to the public authorities' designated consultant contact:

Mail to:
Anderson-Bogert
c/o Jacob Sprengeler
4001 River Ridge Drive NE
Cedar Rapids, IA 52402

E-mail to:
jsprengeler@anderson-bogert.com

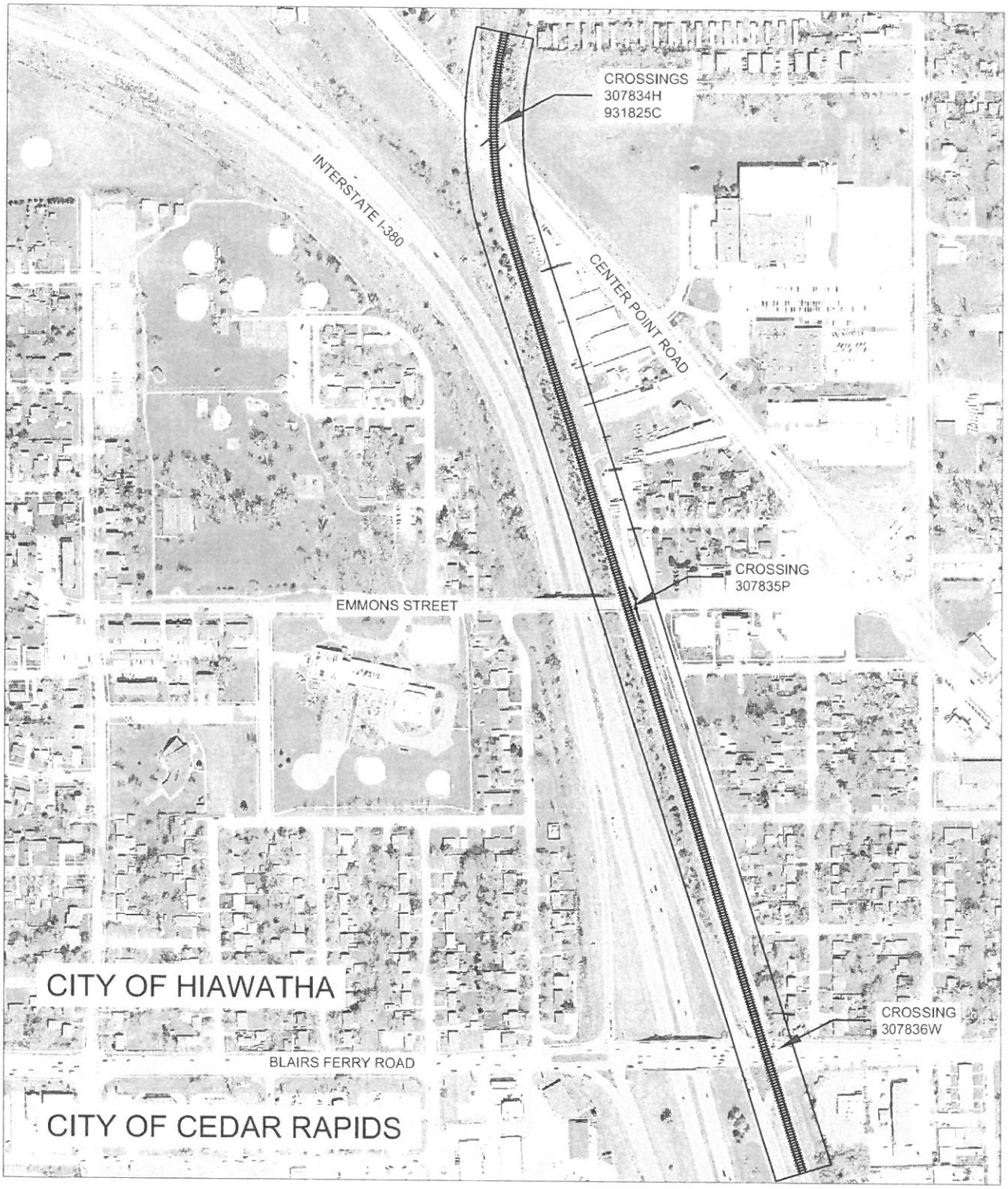
Respectfully,

Jacob Sprengeler, EI, ENV SP
(Encl.)

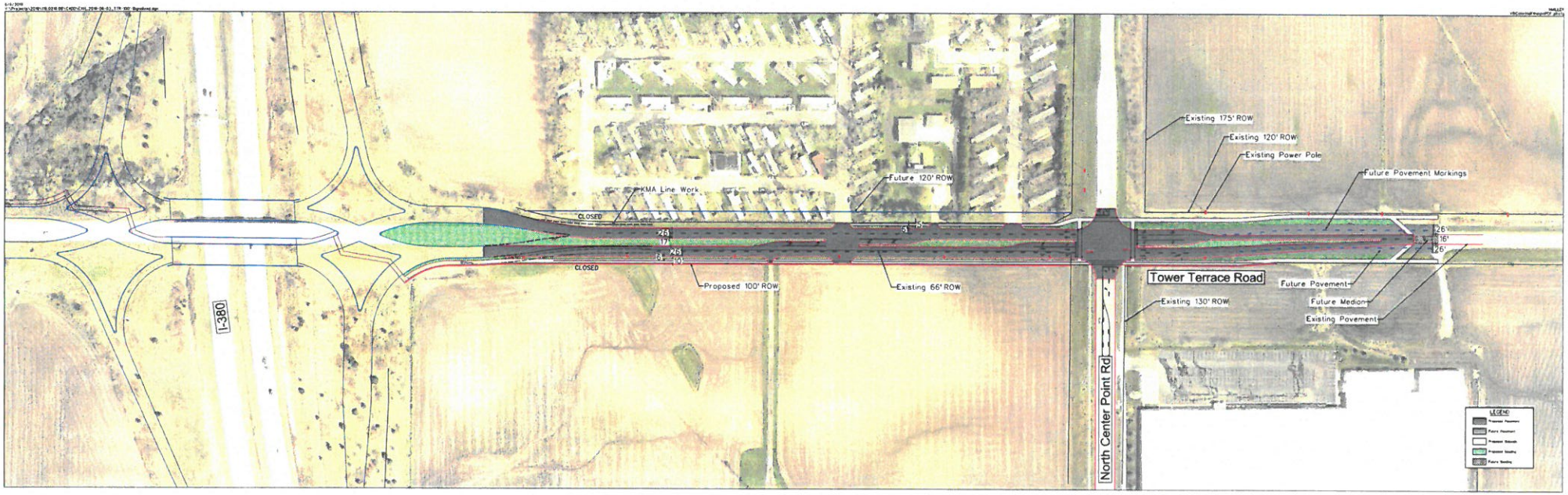
Hiawatha!™

CEDAR RAPIDS
City of Five Seasons

Figure 1 - Proposed Quiet Zone Limits



ANDERSON-BOGERT
Engineers & Surveyors



SNYDER & ASSOCIATES

0 60 120
FEET

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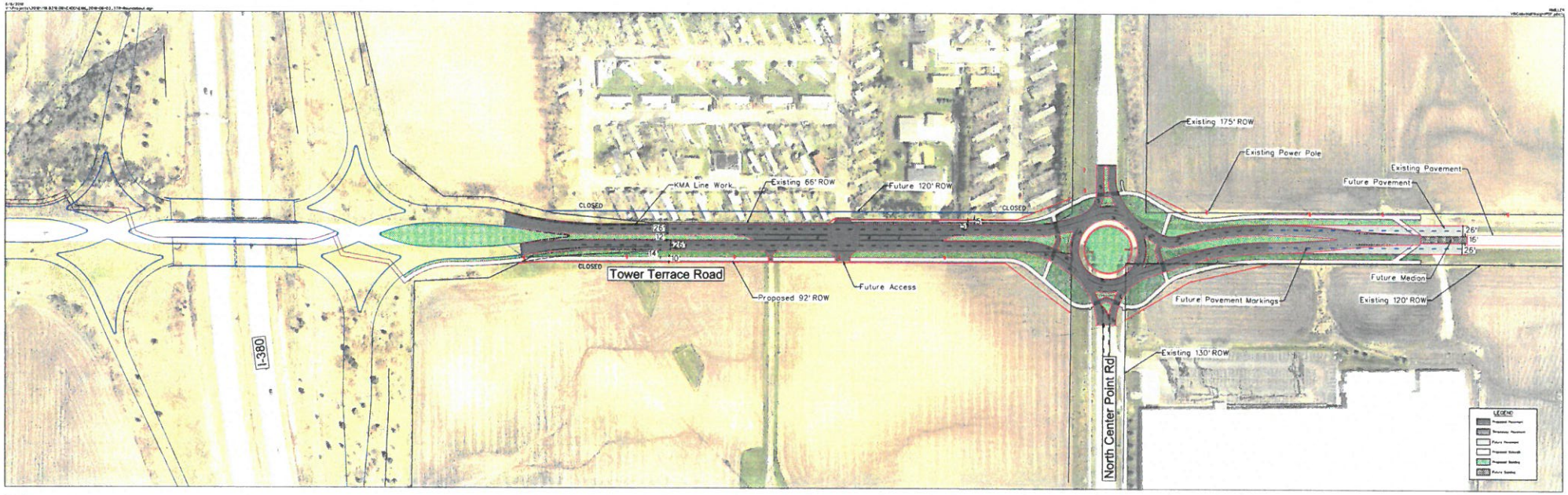
Tower Terrace Reconstruction

Hiawatha, Iowa

100' Wide ROW - Signalized

06/03/2019



SNYDER & ASSOCIATES

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Tower Terrace Reconstruction

Hiawatha, Iowa

92' Wide ROW - Roundabout

06/03/2019