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: December 28, 2018**

From: John Bender PE, City Engineer

Re: December 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, Dave Wright Expansion, Pecks Landing, and several new commercial site plans.
- We are now working with the future land owner of the Village Center surrounding the new intersection for redevelopment that is planned to start this spring. We have the property surveyed and developed the needed legal descriptions in order to transfer the property ownership.
- We are now working with the Village Center engineering firm to negotiate a design contract for the extension of "A" Avenue to serve the Oakbrook redeveloped property. The schedule is to construct this project in 2019.
- The 2018 Robins Road Pavement rehabilitation project is now complete. LL Pelling from North Liberty completed the project in less than 2 weeks. We will be preparing the final out documents for acceptance by the City Council.
- We held the public hearing to update our specifications to the Statewide Urban Design and Specifications Program. (SUDAS). The schedule is now set for the first of next year to require these standards for the new construction season.
- We approved a contract with Shive Hattery engineers to start the design work for the new signal at Center Point Road and Willman Street. We are planning a kick-off meeting the second week of January.
- The sanitary sewer extension project on the east side of Edgewood Road approximately 2000 feet south of Hunt Road and the replacement of the Mitchell drive pressure line is well underway. Maxwell

Construction from Iowa City has the work completed on Mitchell Drive and connected the new pressure line on Friday November 30th. The completion date for the entire project is next spring.

- Staff has met with Anderson Bogert Engineers and discussed a contract to start the study of railroad crossing "quiet zones" on Center Point Road, Emmons Street, and possibly Blair's Ferry Road. We need to develop a plan for these proposed improvements that allow the trains to eliminate the horn warnings at these crossings. The study will take several months to complete so we want to get started on this needed process.

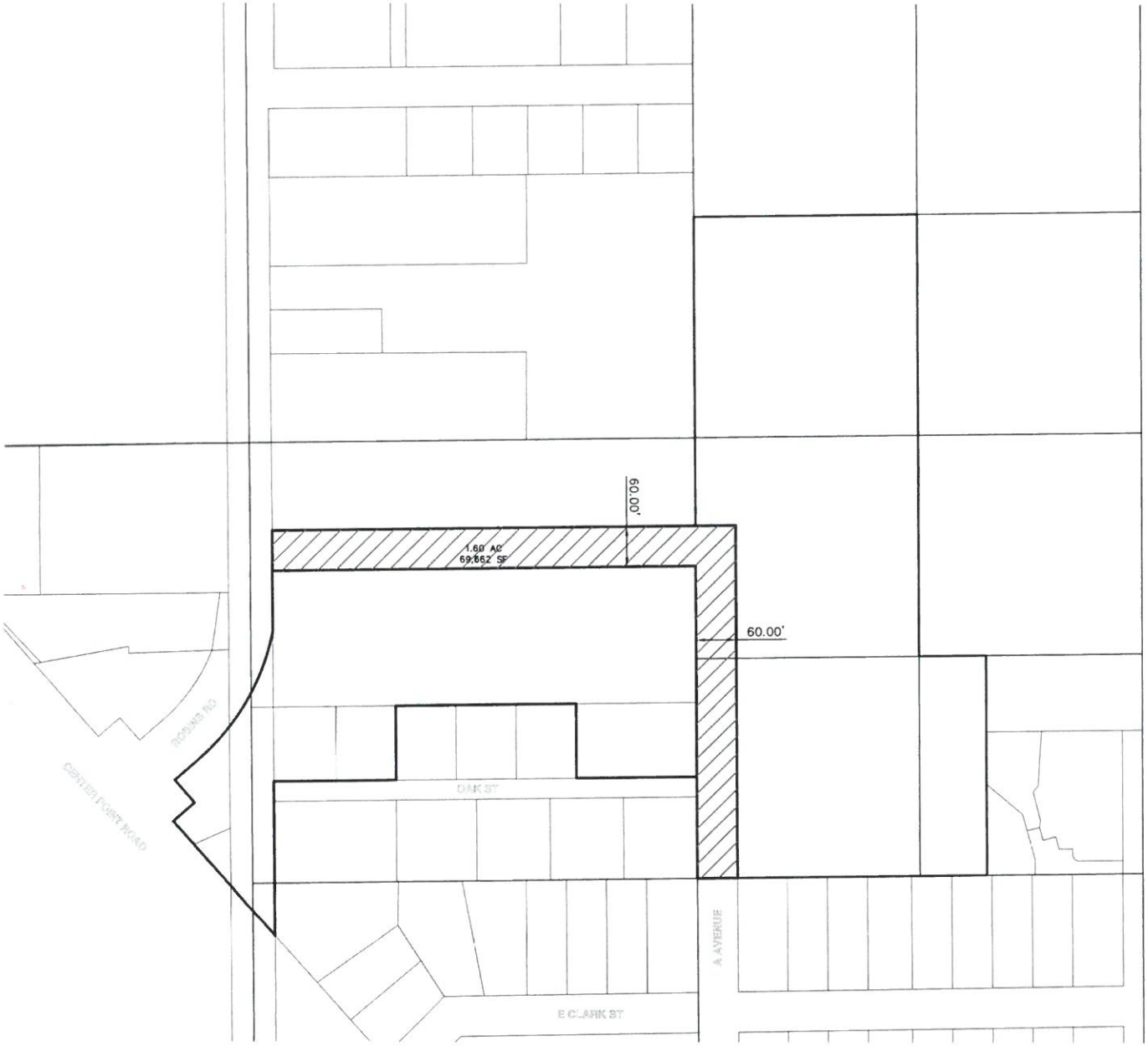
- Council has authorized moving ahead with the Robins Road Planning Study for the area between the new intersection at Center Point Road and Boyson Road. We have awarded a contract to Bolton Menk, of Cedar Rapids. There is a steering committee meeting scheduled for the 8th of January with the first public open house scheduled for January 10th, 2019.

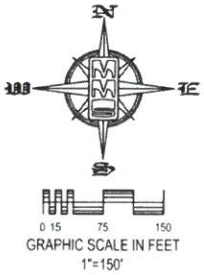
- The Metropolitan Planning Organization is finalizing the Tower Terrace Roadway Corridor management Study. The final steering committee meeting was held November 15th. A public open house was held in October with several hundred people attending. We hope to have the study completed in January with each agency approving the study as a guide to move forward with the planning of this important transportation corridor.

- The new Tower Terrace Interchange design is moving forward. This project is scheduled to start construction in fiscal year 2021. The environmental document for the project has been approved and the recently completed Interchange Justification Report (IJR) has been reviewed and sent to the Federal Highway Administration for approval. The Iowa DOT is planning a public open house on January 22nd at the Hiawatha Community Center. More information to follow.

- With the new Tower Terrace Interchange design moving forward, the City is ready to proceed with the design of the roadway improvements of Tower Terrace east of the new intersection to Center Point Road. A Request for Proposals (RFP) has been posted for interested firms to submit their information to provide the needed environmental studies, archeological studies, soil tests, preliminary and final design, and bidding documents in accordance with the Iowa DOT specifications. The timing is very important for this work, as we want to coordinate our schedule with the Iowa DOT bidding of the interchange construction. We plan to use the same process to establish a steering committee to review the proposals and make a recommendation to the Council for awarding a contract to the best firm. The proposal submittal deadline is January 25, 2019.

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.





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ENVIRONMENTAL SPECIALISTS

1917 S. GILBERT ST.
IOWA CITY, IOWA 52240
(319) 351-8282
www.mmsconsultants.net

Date	Revision

LOT EXHIBIT

HIAWATHA MIDTOWN

CITY of HIAWATHA
LINN COUNTY
IOWA

MMS CONSULTANTS, INC.

Date: 11/07/2018	
Designed by: KBK	Field Book No:
Drawn by: CAK	Scale: 1"=150'
Checked by: KBK	Sheet No: 1
Project No: IC 10613-001	of: 1

Oakbrook Survey Area

SUDAS

Statewide Urban Design and Specifications Program

Iowa

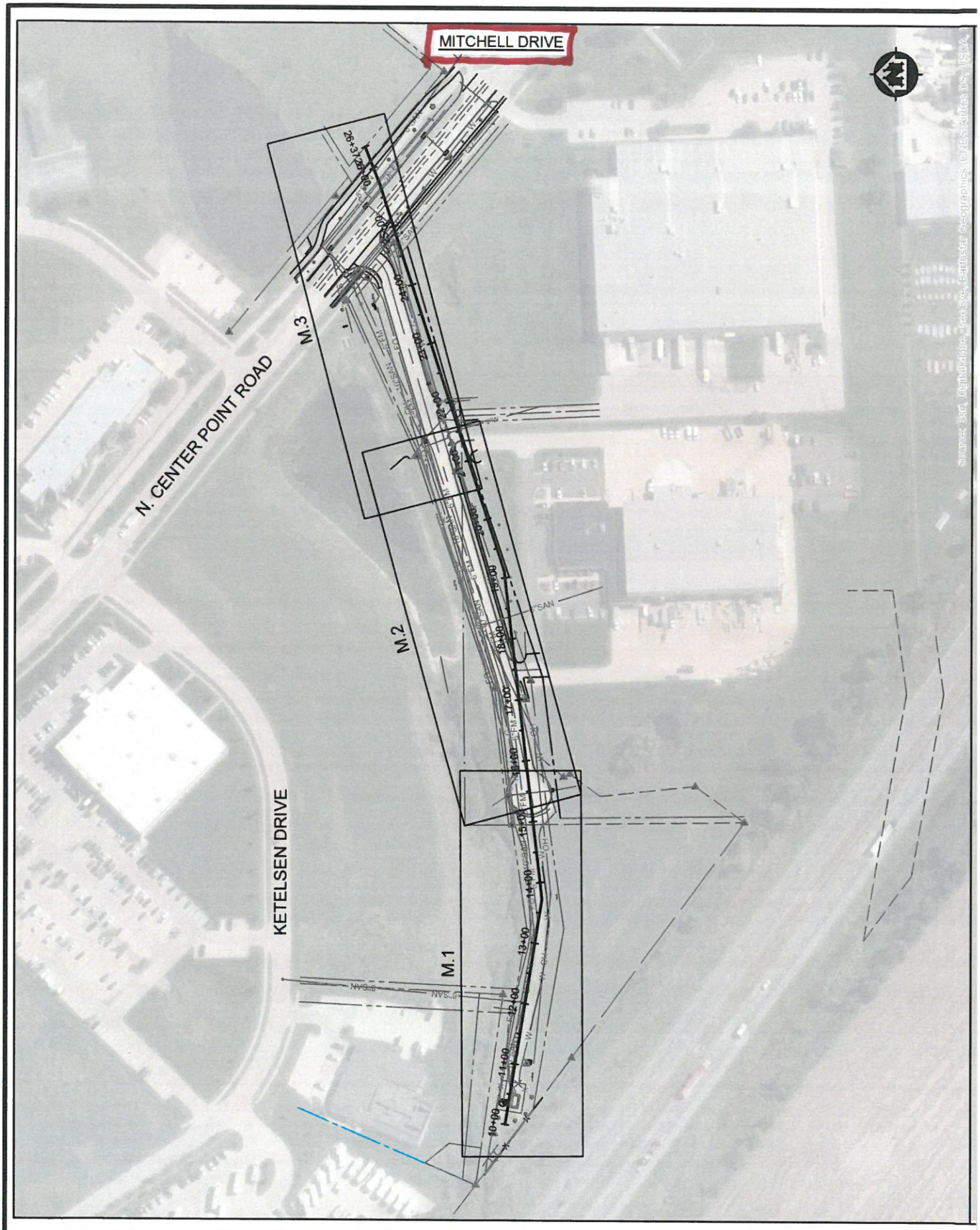
SUDAS

STATEWIDE URBAN DESIGN AND SPECIFICATIONS

Hiawatha!

1 inch = 20 feet

Willman Street



PROJECT NO.: 07808011	SCALE: AS SHOWN	NO.	DATE	REVISION	BY
PROJECT DATE:	DRAWN BY: RDH				
F.B.:	CHECKED BY: JE				

PLOT DATE: 9/12/18, P:\7800s\7800s\7808\07808011\CADD\Construction Drawings\07808011_SITE LOCATION.dwg

MSA

ENGINEERING | ARCHITECTURE | SURVEYING
FUNDING | PLANNING | ENVIRONMENTAL
6045 Rockwell Drive NE, Cedar Rapids IA 52402
(319) 364-4773 www.msa-ps.com

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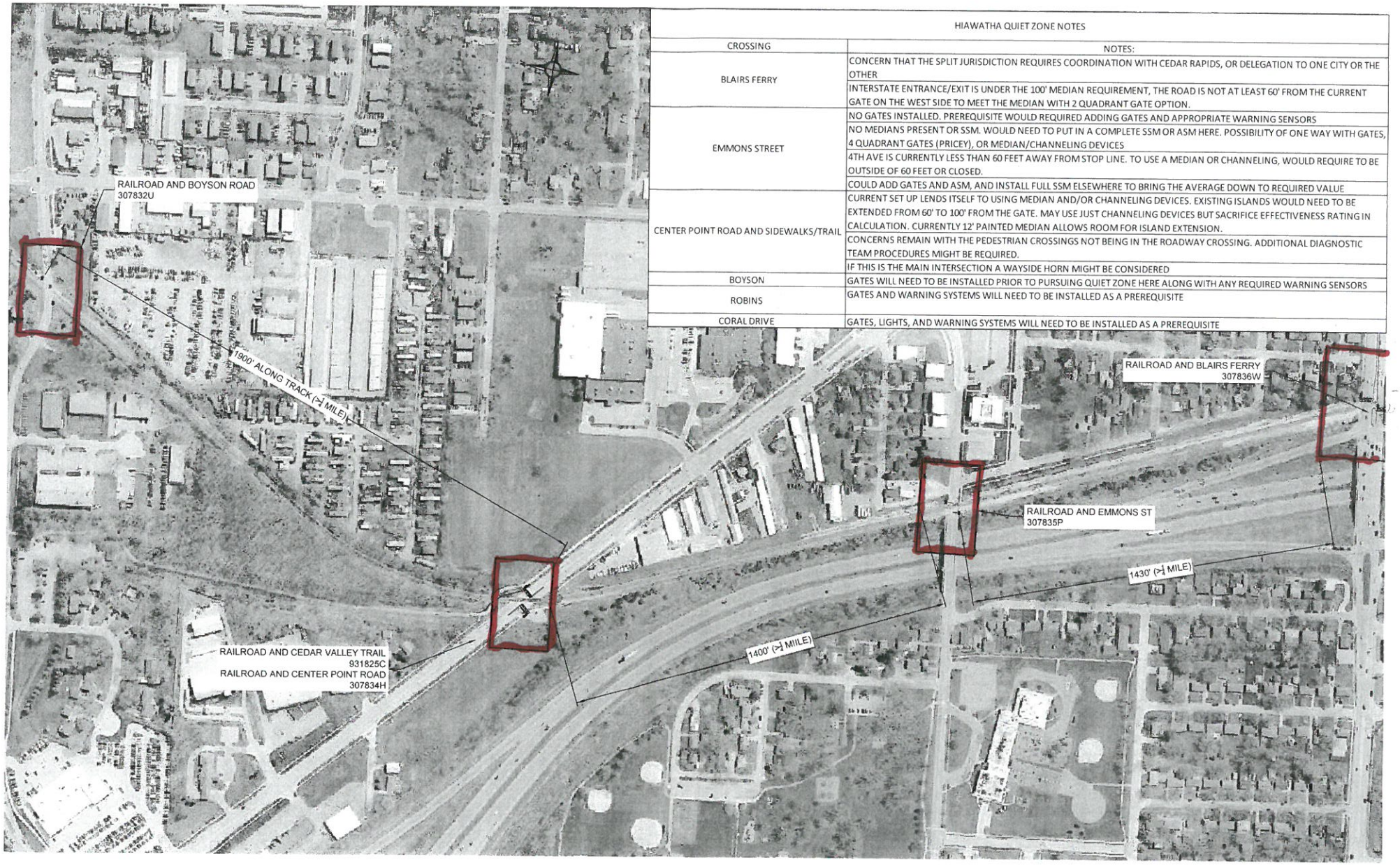
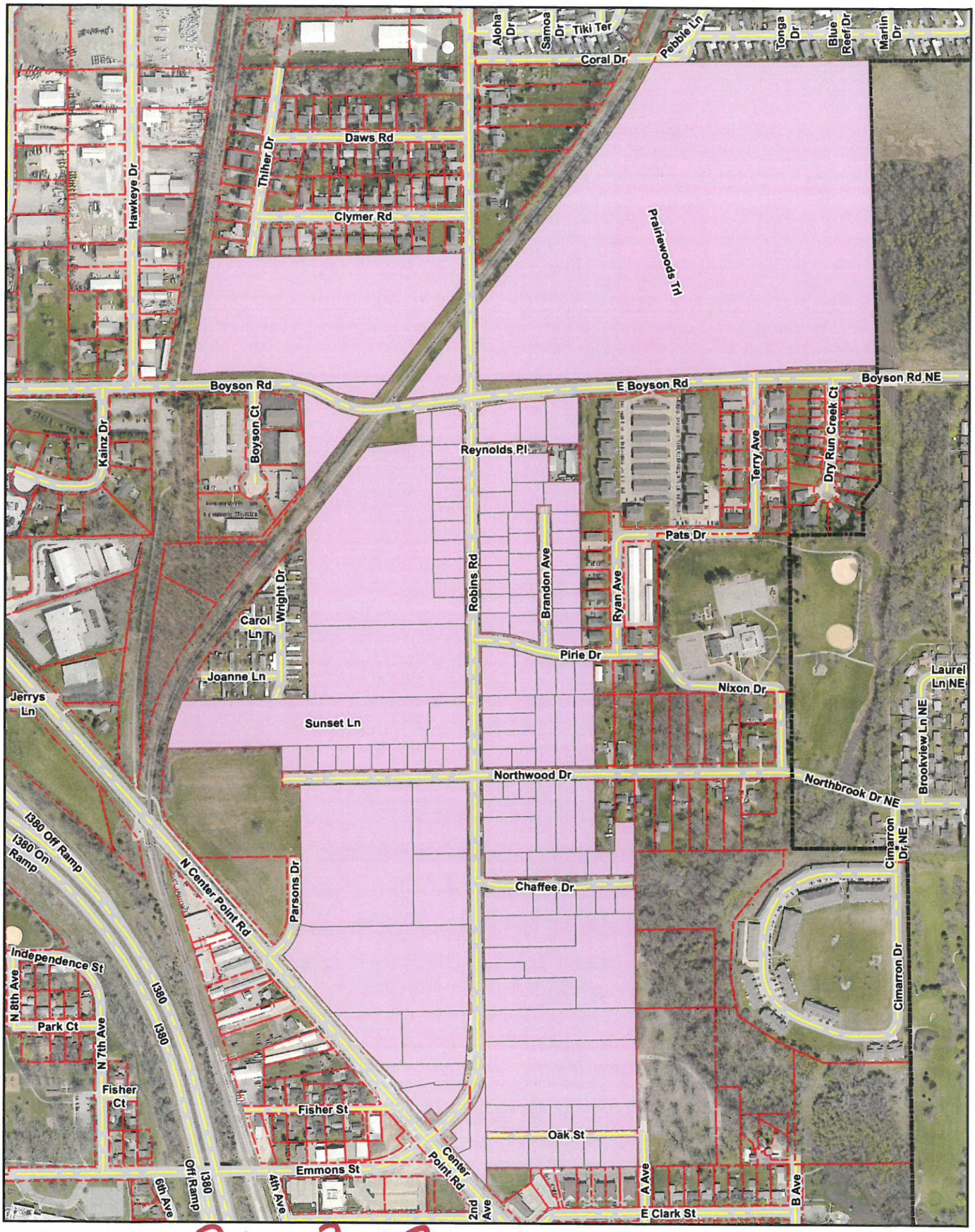
Completed November 30, 2018



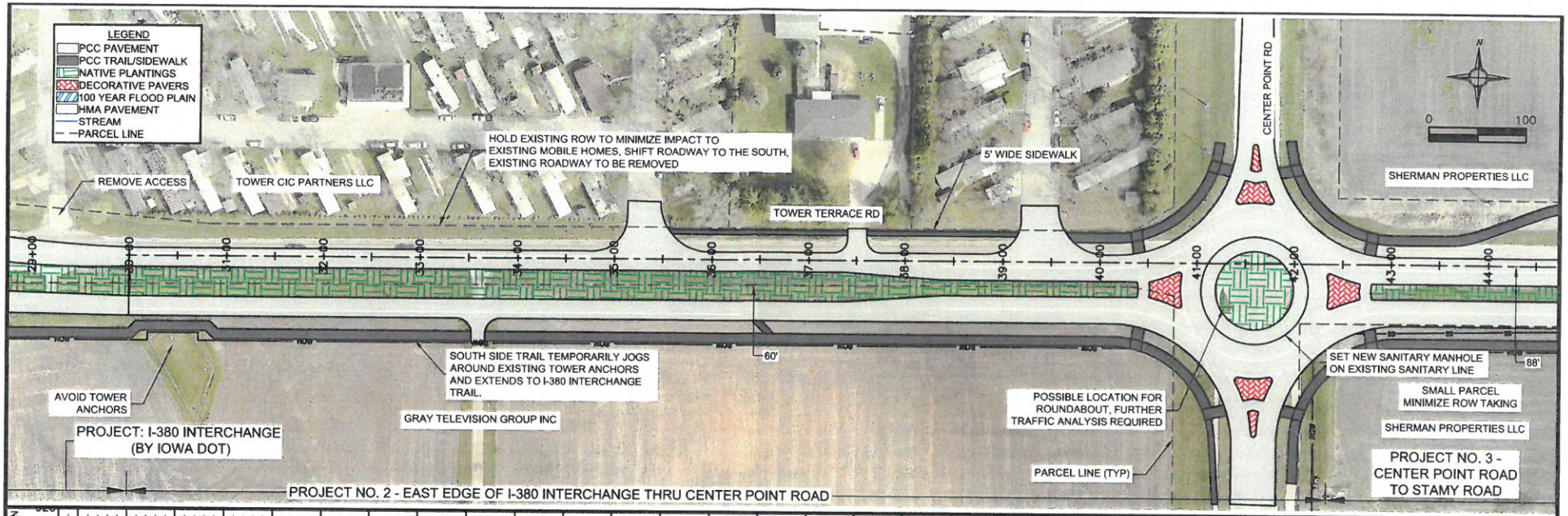
HIAWATHA QUIET ZONE NOTES	
CROSSING	NOTES:
BLAIRS FERRY	CONCERN THAT THE SPLIT JURISDICTION REQUIRES COORDINATION WITH CEDAR RAPIDS, OR DELEGATION TO ONE CITY OR THE OTHER
	INTERSTATE ENTRANCE/EXIT IS UNDER THE 100' MEDIAN REQUIREMENT, THE ROAD IS NOT AT LEAST 60' FROM THE CURRENT GATE ON THE WEST SIDE TO MEET THE MEDIAN WITH 2 QUADRANT GATE OPTION.
EMMONS STREET	NO GATES INSTALLED. PREREQUISITE WOULD REQUIRED ADDING GATES AND APPROPRIATE WARNING SENSORS
	NO MEDIANS PRESENT OR SSM. WOULD NEED TO PUT IN A COMPLETE SSM OR ASM HERE. POSSIBILITY OF ONE WAY WITH GATES, 4 QUADRANT GATES (PRICEY), OR MEDIAN/CHANNELING DEVICES
	4TH AVE IS CURRENTLY LESS THAN 60 FEET AWAY FROM STOP LINE. TO USE A MEDIAN OR CHANNELING, WOULD REQUIRE TO BE OUTSIDE OF 60 FEET OR CLOSED.
	COULD ADD GATES AND ASM, AND INSTALL FULL SSM ELSEWHERE TO BRING THE AVERAGE DOWN TO REQUIRED VALUE
CENTER POINT ROAD AND SIDEWALKS/TRAIL	CURRENT SET UP LENDS ITSELF TO USING MEDIAN AND/OR CHANNELING DEVICES. EXISTING ISLANDS WOULD NEED TO BE EXTENDED FROM 60' TO 100' FROM THE GATE. MAY USE JUST CHANNELING DEVICES BUT SACRIFICE EFFECTIVENESS RATING IN CALCULATION. CURRENTLY 12' PAINTED MEDIAN ALLOWS ROOM FOR ISLAND EXTENSION.
	CONCERNS REMAIN WITH THE PEDESTRIAN CROSSINGS NOT BEING IN THE ROADWAY CROSSING. ADDITIONAL DIAGNOSTIC TEAM PROCEDURES MIGHT BE REQUIRED.
	IF THIS IS THE MAIN INTERSECTION A WAYSIDE HORN MIGHT BE CONSIDERED
BOYSON	GATES WILL NEED TO BE INSTALLED PRIOR TO PURSUING QUIET ZONE HERE ALONG WITH ANY REQUIRED WARNING SENSORS
ROBINS	GATES AND WARNING SYSTEMS WILL NEED TO BE INSTALLED AS A PREREQUISITE
CORAL DRIVE	GATES, LIGHTS, AND WARNING SYSTEMS WILL NEED TO BE INSTALLED AS A PREREQUISITE

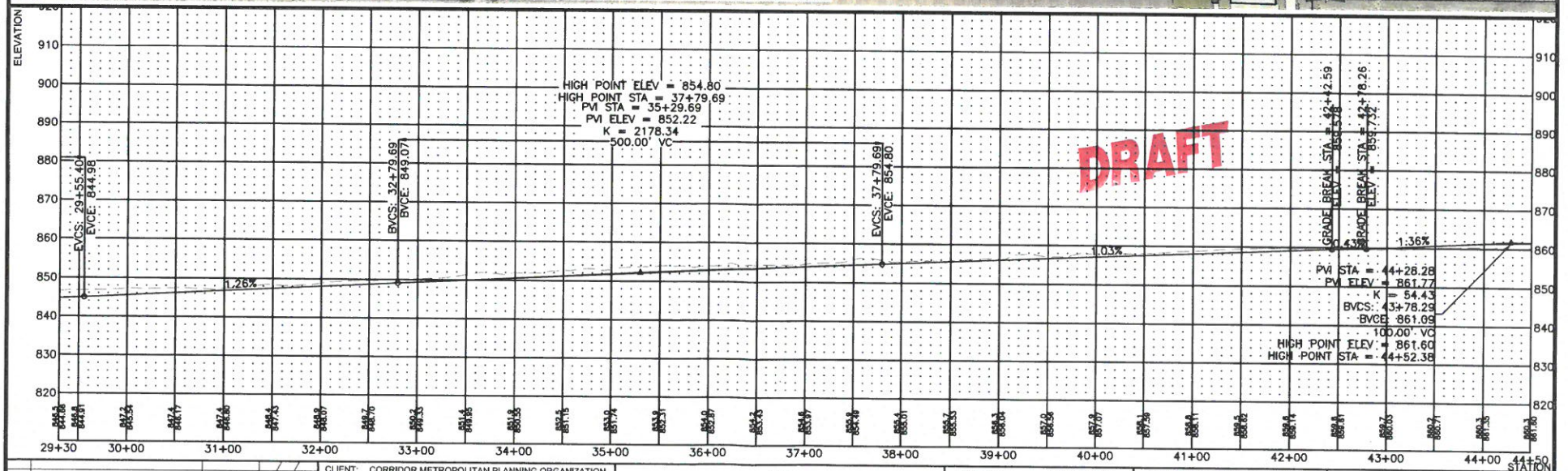
Quiet Zone Study Area



Hiawatha! Robins Road Planning Study

1 inch = 500 feet





NO.	REVISION DESCRIPTION	APPROVED	DATE

CLIENT: CORRIDOR METROPOLITAN PLANNING ORGANIZATION
101 FIRST STREET SE
CEDAR RAPIDS, IA 52401
PHONE: (319) 286-5045

ANDERSON BOGERT

DRAWN BY: MLL
DATE:
PROJECT NO. 218008
APPROVED BY: JCM
UNITS: FEET

TOWER TERRACE ROAD CORRIDOR MANAGEMENT PLAN

TOWER TERRACE ROAD PLAN AND PROFILE

SHEET NO. D.04 OF D.32

JCM239T: \ACAD\218008\Sheets and Figures\8008_D After Curvature.dwg 12-14-18 10:22:52 AM

Compensation:

The payment terms of the contract for the selected consultant will consist of a "standard hourly rate" agreement with a maximum cost not to exceed the fee negotiated with the consultant. Invoices shall include a breakdown of the resources utilized during the billing period, subconsultant costs and billing statements, the total billed to date, and the total remaining in the contract.

Deliverables:

The documents provided to the City by the consultant shall include, but may not be limited to, the following:

- One full-size review set of plans and specifications for the preliminary review
- Initial plats and descriptions for any easements needed
- One full-size review set of plans and specifications at the 90% review stage
- Final plats and descriptions for any easements needed
- One full-size final set of hard copy "original" plan sheets, signed by all parties required
- One half-size final set of hard copy "original" plan sheets, signed by all parties required
- All requirements for final submital of the Federal Aid Project Development Guide for Local Public Agencies.
- Special provisions to be included in the construction contract
- Final construction cost estimate with individual construction items listed

Projected Schedule:

The approximate schedule for the selection process as follows:

Posting of RFP	12/26/18
Pre-Proposal Meeting	1/11/19
Proposal Submittal Deadline	1/25/19
Consultant Ranking	1/28/19-2/8/19
Consultant Interviews (as deemed necessary)	2/11/19-2/15/19
Consultant Selection	2/21/19
Contract Negotiations	2/25/19-3/15/19
Council Approval of Contract	3/21/19
Begin Work	4/1/19
Project Letting (by State)	Spring 2021