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: November 26, 2019**

From: John Bender PE, City Engineer

Re: **November 2019**

Description: Engineering Department Report

- Working with Public Works on various projects as they come up.
- 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 9th and 10th Addition, the library expansion, and Dell Ridge Phase IV.
- The Mid-Town Utility and Street extension contractor, Rathje Construction of Marion, has started some work on the project with clearing and grubbing of the existing trees in the construction area. We held a preconstruction meeting October 17, 2019 with the contractor anticipating completing the underground utilities in November with the paving of the street in early spring. The completion date for the entire project is June 1 2020. Funding is programmed with LOST 15-24 dollars.
- We approved a contract with Shive Hattery engineers to design the Center Point Road Improvement Project from Blairs Ferry Road to Clark Street. Rathje Construction from Marion was the low bidder on September 24, 2019. The contract includes a new traffic signal at Willman Street and a new asphalt overlay and pavement markings on Center Point Road. The contractor will start ordering the equipment immediately as the delivery time on some of the signal equipment takes several months. The completion date for this project is now July of 2020. Costs for this project have been anticipated with remaining GO funds from the Edgewood Road project and last year's Emmons Street repair project and remaining LOST funds.
- The contractor, Maxwell Construction from Iowa City, has restarted the sanitary sewer extension project on the east side of Edgewood Road approximately 2000 feet south of Hunt Road. We approved a change order to remove the drilled pipe and install the sewer with open cut process in October. We hope to have the project completed by the end of the year, but the weather has not cooperated to date. This project is funded using the sewer fund and also LOST dollars.
- We have approved a contract with Anderson Bogert Engineers to study railroad crossing "quiet zones" on Center Point Road, Emmons Street, and Blair's Ferry Road. The Notice of Intent has been

completed and submitted to the Federal Railroad Authority. No comments were received after the 60 day waiting period, so we can now proceed with the design contract with the railroad for the new signal gates and lights required at Emmons Street. We will modify our contract with Anderson Bogert to start the design of the new traffic islands. The railroad will provide us an estimate of the design work to be prepared at Emmons Street. This project is funded with GO dollars in the spring of 2020.

- We have 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. The project is now essentially complete, with only fine grading and sod remaining. The project is funded with LOST 15-24 dollars.

- We had a contract with Hall and Hall Engineers to prepare the plans and specifications for the widening of 18th Avenue at Blair's Ferry Road. This project is essentially complete. We now must coordinate with the City of Cedar Rapids to develop a new traffic signal project for the entire 18th Avenue Blairs Ferry Road intersection. We have the funding is included in the CIP for FY21.

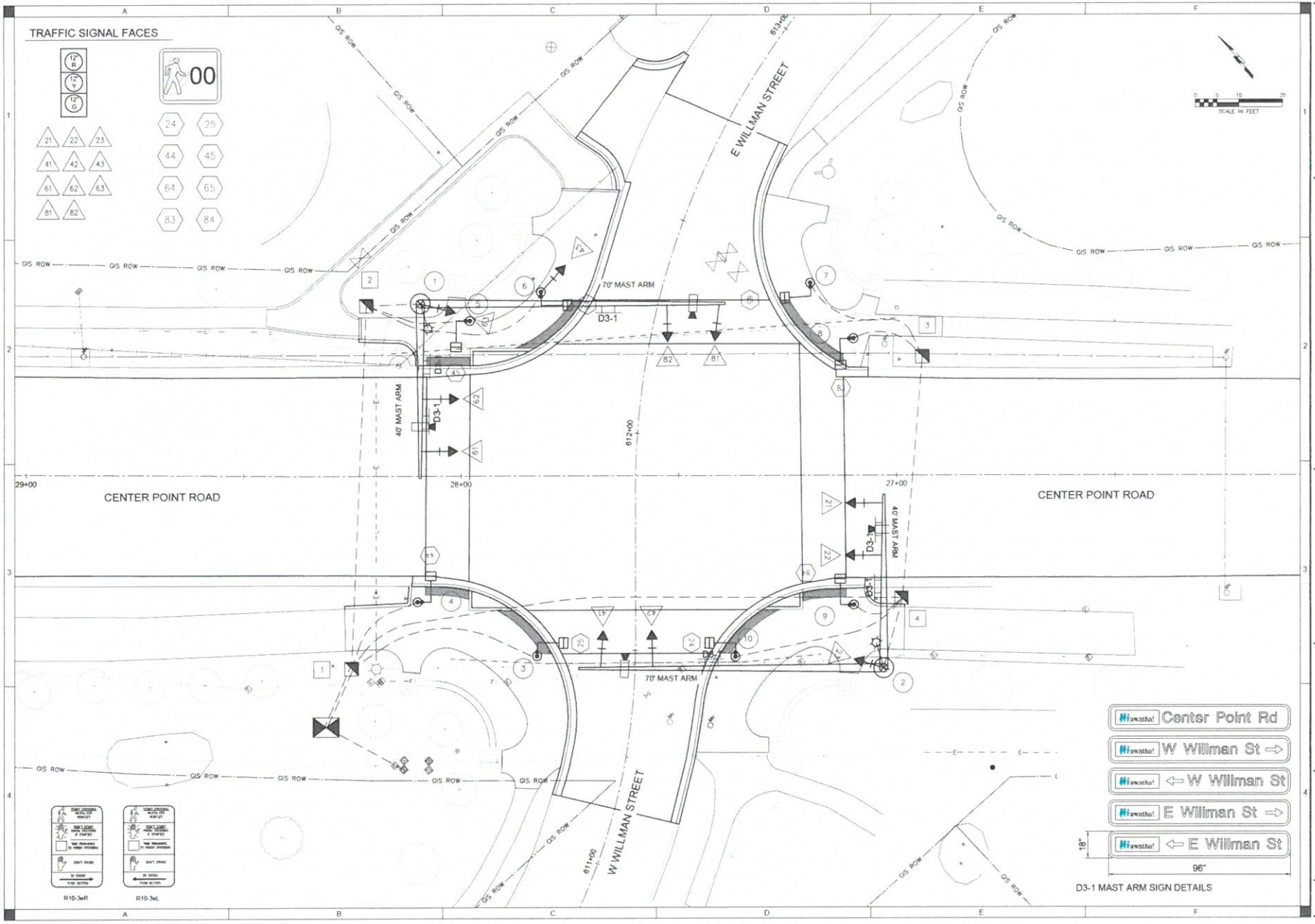
- We have a contract with Shive Hattery Engineers to prepare plans for the 2019 Storm Sewer Repair project. We had a bid opening on November 22, 2019 with 7 contractors submitting. All bids were below the engineers estimate with Boomerang Corporation from Anamosa submitting the lowest proposal. The completion date for this project is planned for July of 2020. The consideration of the bids will be on the December 4th Council meeting. Included in the project is the following areas:

    - Pirie Drive to the west of Nixon Elementary School
    - Raney Street east of 12th Avenue

- We are planning a design contract to move ahead with the Willman Street resurfacing project from Center Point Road to 4th Avenue. Because of the new library addition, we are anticipating a new asphalt overlay after repair of the deteriorated street areas and possible new curbs. We will also study the addition of a sidewalk on either the north or south side of the street. Because no sidewalk exists on Willman, there appears to be a need to facilitate a way to walk from the 4th Avenue sidewalk to the library. We have a proposal from Hall and Hall Engineers to start the design. They provided all the site design for the library addition, so they have the most information regarding the utilities in the area. This project is included in the newly adopted CIP using previously bonded dollars.

- 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 are now moving ahead with the preliminary design which includes the construction of a roundabout at Center Point Road. We are also meeting with the Iowa DOT and the City of Cedar Rapids to finalize the funding options through the Corridor Metropolitan planning Organization. A meeting has been scheduled December 20, 2019. More to come.

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.



SHIVEHATTERY
ARCHITECTURE + ENGINEERING
222 Third Avenue SE, Suite 300 | Cedar Rapids, Iowa 52406
319 364 0227 | www.shive-hattery.com
Iowa | Illinois | Indiana

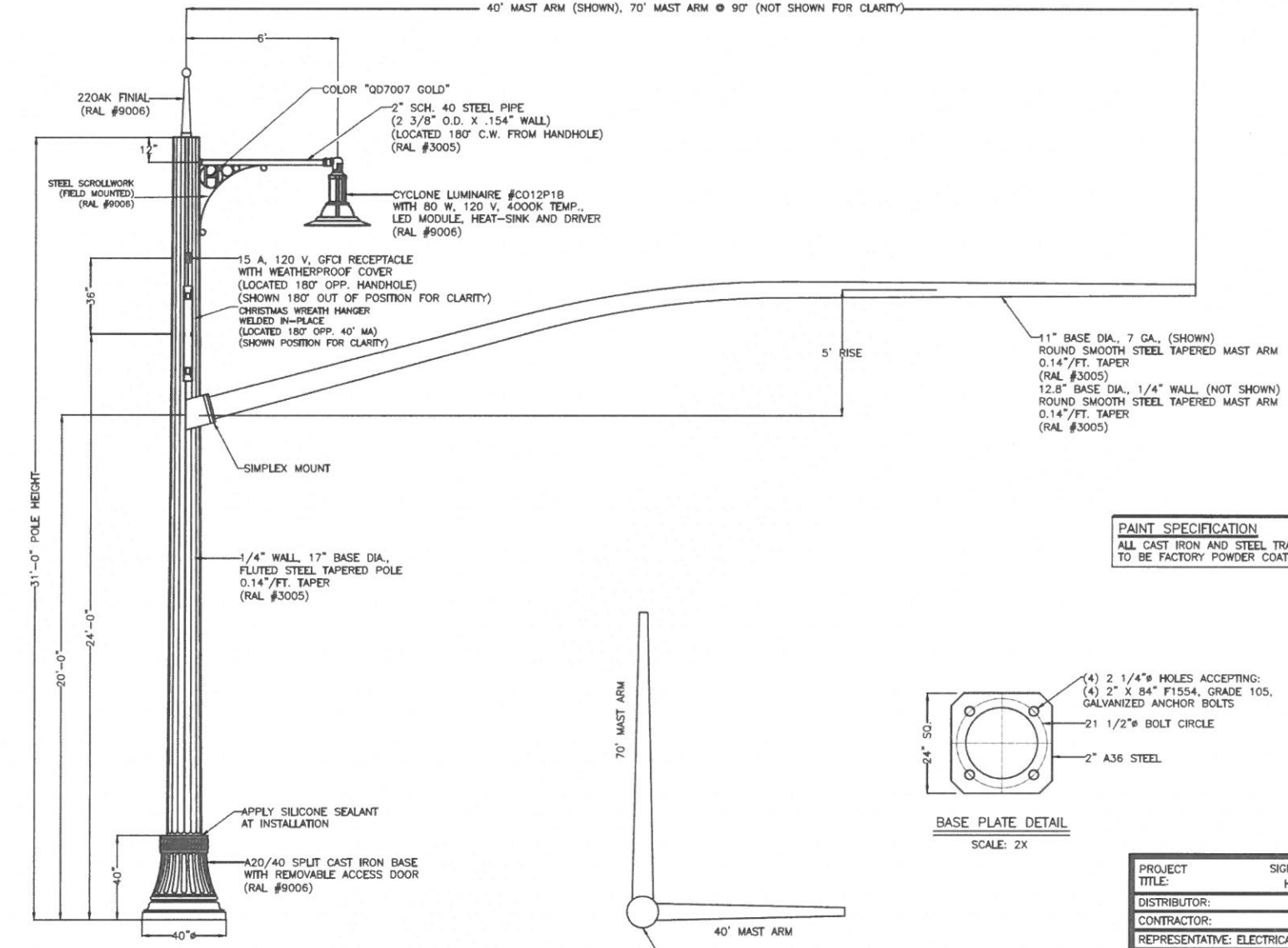
CENTER POINT ROAD IMPROVEMENTS
BLAIRS FERRY ROAD TO CLARK STREET
CITY OF HIAWATHA
LINN COUNTY, IOWA

DRAWN: EAV
APPROVED: BH
ISSUED FOR: CONSTRUCTION
DATE: 06/05/2019
PROJECT NO: 2191900
FIELD BOOK: --
CLIENT NO:

TRAFFIC SIGNAL PLAN

N.02

Willman Street



VI-A20/40-TS-S1/6'-F/31'-MA/40'/70'

QUANTITY: 2

BASE PLATE DETAIL

SCALE: 2X

PAINT SPECIFICATION

ALL CAST IRON AND STEEL TRAFFIC POLE PARTS ARE TO BE FACTORY POWDER COATED "AS NOTED".

PROJECT TITLE:	SIGNALS AT WILLMAN HIAWATHA, IOWA	
DISTRIBUTOR:		
CONTRACTOR:		
REPRESENTATIVE: ELECTRICAL PRODUCTS COMPANY		
VISCO	SPECIFIED BY:	
	SCALE: FULL	DATE: 4/26/19
	JOB NO.:	CAD FILE: HIAWATHA-6

29579 AVERY LANE EUGENE, OREGON 97402 PHONE (541) 688-7741 FAX (541) 461-0951

Willman Street

LEGEND

● ●	42" CHANNELIZERS	→	DIRECTION OF TRAFFIC
×	DRUM		TYPE III BARICADE
	WORK AREA		ARROW BOARD
	TRAFFIC CONTROL SIGN	(3)	SIGN DETAIL NO. SEE SHEET J.01

PHASE 3

TRAFFIC CONTROL

- DETOUR ROUTE TRAFFIC CONTROL WILL BE INSTALLED FOR WORK BETWEEN EAST CLARK STREET AND BLAIRS FERRY ROAD NE.
- COMPLETE MILLING OF NORTHBOUND LANE.
- SOUTHBOUND LANES BE REDUCED TO ONE LANE DURING CONSTRUCTION; NORTHBOUND TRAFFIC TO FOLLOW DETOUR.
- TWO-WAY, TWO LANE TRAFFIC TO REMAIN OUTSIDE OF WORKING ZONE.
- INTERSECTION OF EAST WILLIAM STREET AND NORTHERN CENTER POINT ROAD WILL REMAIN OPEN DURING PHASES 3 AND 4. CONTRACTOR CAN KEEP CLOSED PER TRAFFIC CONTROL SIGNAL PROJECT.
- NB LANES TO ONLY BE CLOSED BETWEEN THE HOURS OF 8PM AND 6AM.

CONSTRUCTION

- MILL EXISTING SURFACE AND INSTALL ASPHALT OVERLAY

SHIVEHATTERY
ARCHITECTURE + ENGINEERING
222 Third Avenue SE, Suite 300 | Cedar Rapids, Iowa 52406
319.364.0227 | www.shive-hattery.com
Iowa | Illinois | Indiana

CENTER POINT ROAD IMPROVEMENTS
BLAIRS FERRY ROAD TO CLARK STREET
CITY OF HIAWATHA
LINN COUNTY, IOWA

TRAFFIC CONTROL

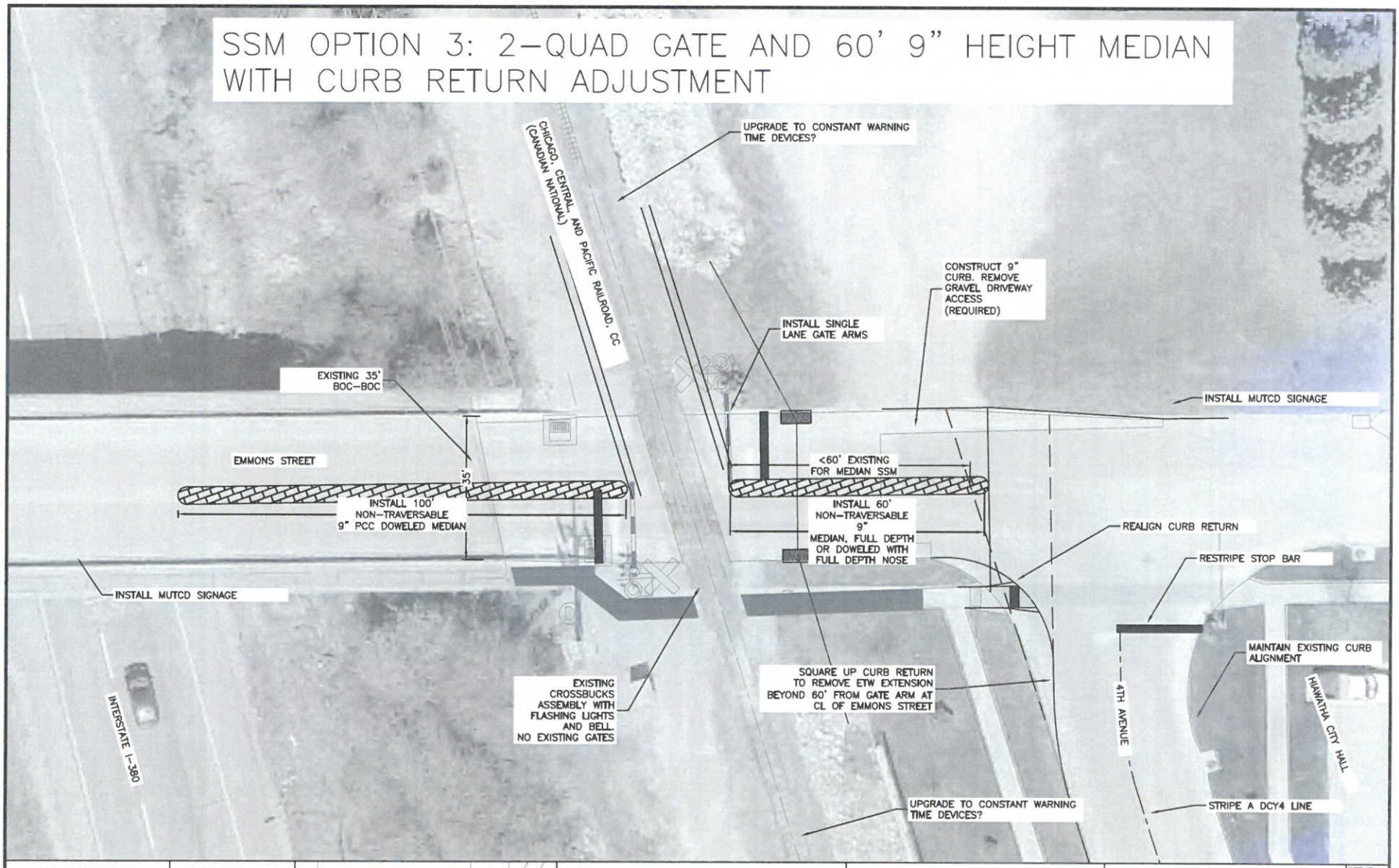
DRAWN: EAV
APPROVED: BH
ISSUED FOR: CONSTRUCTION
DATE: 08/30/2019
PROJECT NO: 7191980
FIELD BOOK: --
CLIENT NO: --

J.08

Center Point Road

Edgewood Road Sewer

SSM OPTION 3: 2-QUAD GATE AND 60' 9" HEIGHT MEDIAN WITH CURB RETURN ADJUSTMENT

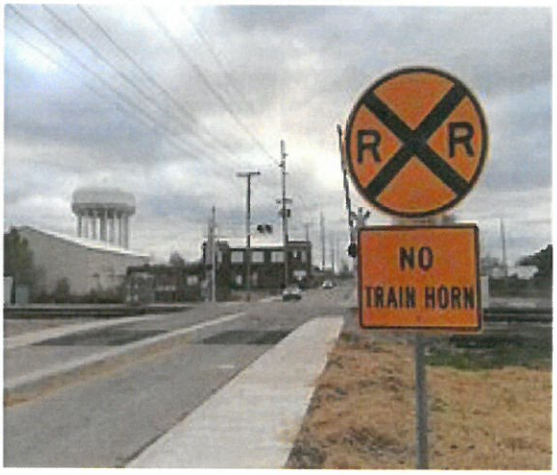


ABES PROJECT NO: 218033	DRAWN BY: JMS APPROVED BY: WWB DATE: 3/29/19	NO. REVISION DESCRIPTION APPROVED DATE	Hiawatha! ANDERSON BOGERT	HIAWATHA RAIL QUIET ZONE STUDY	EMMONS ST CONCEPT CROSSING #307835P SSM OPTION 2: MEDIAN ISLANDS SHEET NO. D.03 (2) OF D.05

JMS354I: \ACAD\218033\Sheets\8033_D.dwg 3-29-19 02:30:17 PM

Emmons Street Quiet Zone

NO
TRAIN HORN

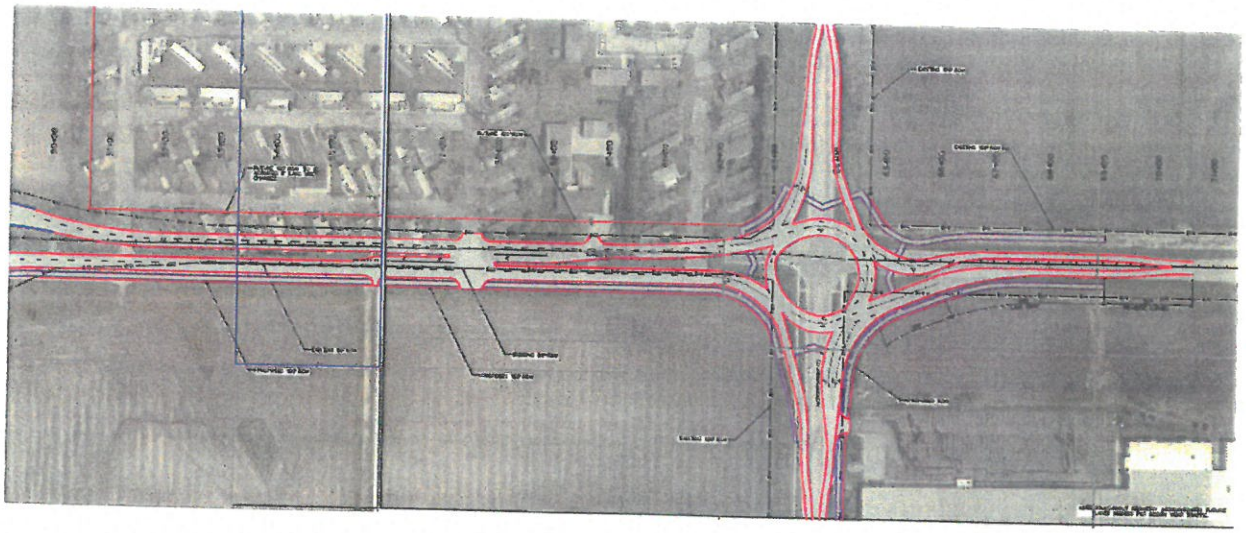


12th Ave Sidewalks

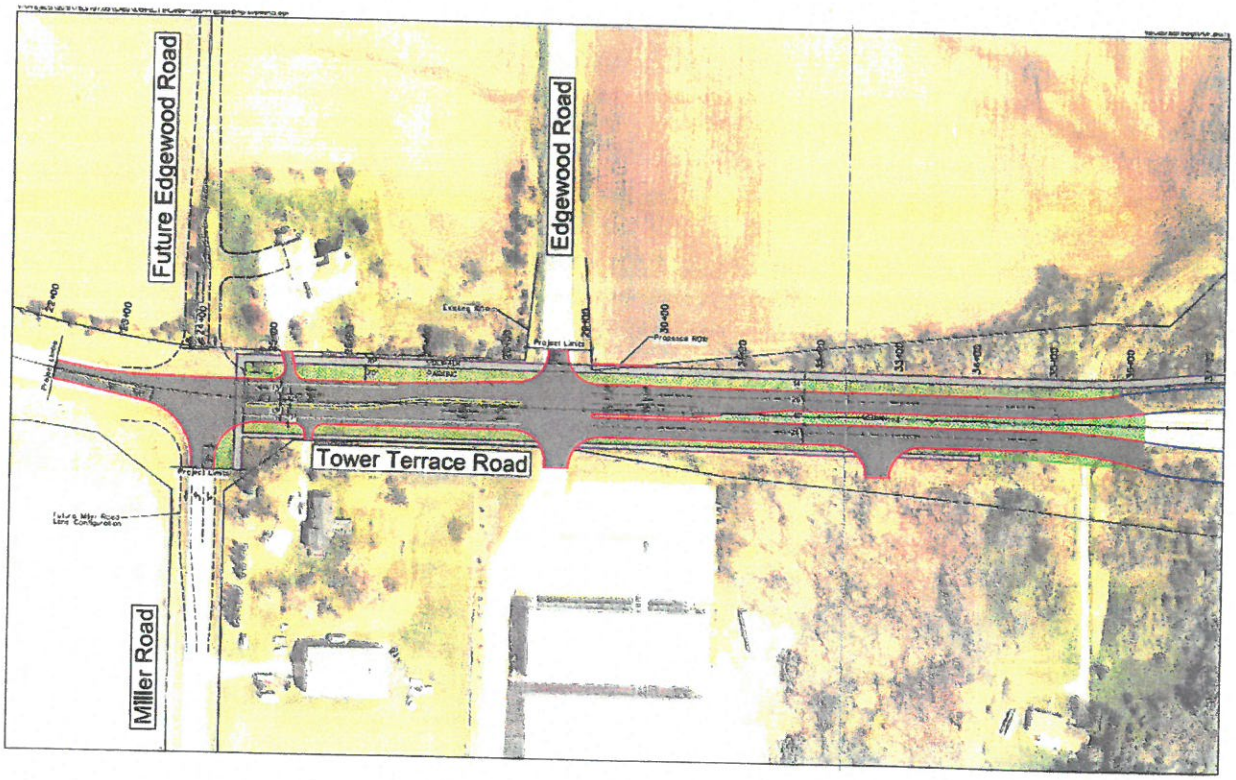
18th Ave Widening

Exhibit B - Tower Terrace Road Improvements

City of Hiawatha Tower Terrace Road Improvements



City of Cedar Rapids Tower Terrace Road Improvements



Tower Terrace Road