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 28, 2017**

From: John Bender PE, City Engineer

Re: **June 2017 Update**

Description: Report

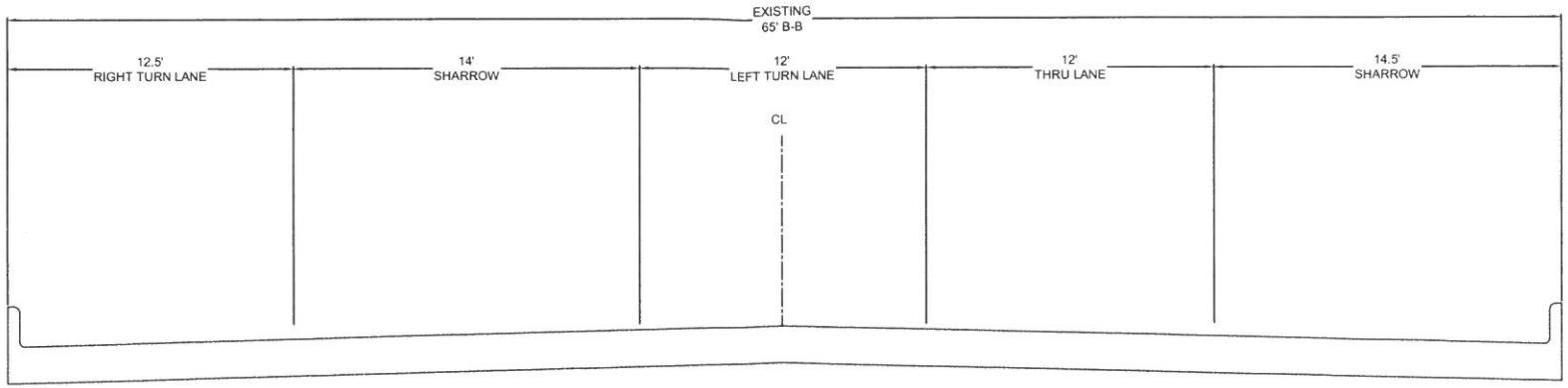
- Working with Public Works whenever necessary.
- Working with the Community Development Department to review building site plans, final plats, and rezoning requests. Several large projects are in the planning stage that requires engineering review and approval of proposed plans. Construction of the public utilities is also scheduled to start in the Dell Ridge III Addition and Rolling Prairie III addition.
- We have switched traffic to the west side of the Emmons/Robins/North Center Point Road intersection reconstruction project. Work has started on the east one-half.
- The consultant has the design plans prepared for the interim changes to the traffic signals at all three intersections at the Boyson Road Interchange. Bidding is scheduled for July 13th.
- We have learned the Iowa DOT has the plans filed to take bids to widening of the northbound I-380 off-ramp at Boyson Road. The bid date for the project is July 18th, with construction this year. The current proposal is to close the ramp over a weekend to complete the work.
- We have contracted with Visu-Sewer from Pewaukee Wisconsin for televising of the sanitary sewer lines in an area bounded by Tower Terrace Road on the north to Boyson Road on the south. Also on the west by I-380 and east by Robins Road. We are looking for any areas where excess water is entering the sewer line that can cause higher treatment fees according to our contract with the City of Cedar Rapids. Any leaking areas found can then be repaired.
- The consultant has a draft plan for the reconfiguration project on North Center Point Road. Attached are the preliminary drawings showing recommended changes between the Emmons intersection and Boyson Road. We feel no changes should be included at this time south between the Emmons intersection and Blair's Ferry Road. The consultant recommended

waiting on any changes in this area and any changes at the Willman intersection until the reconstruction project is complete and traffic has resumed a normal pattern.

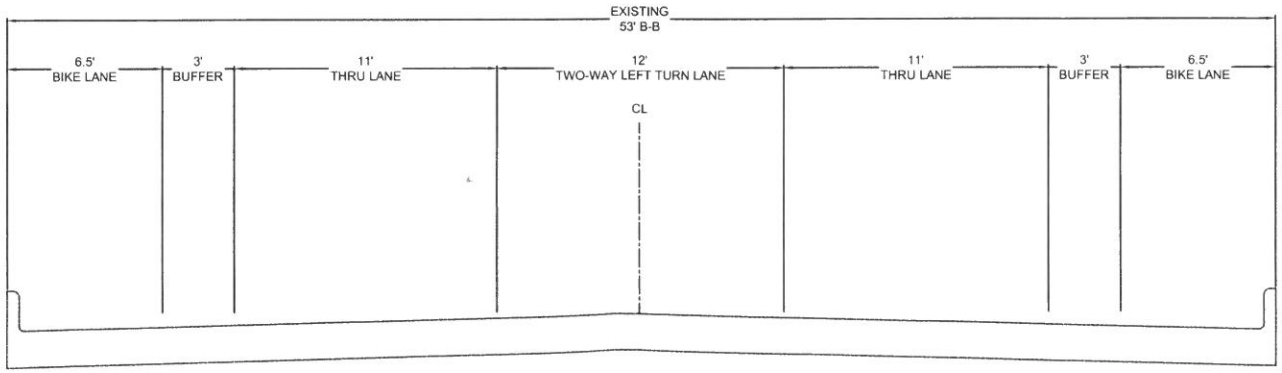
The existing paving north to Boyson Road will provide sufficient width for a 3-lane section and 2-bike lanes 6.5 feet wide and a 3 foot buffer area on each side. This will work well with the posted speed limit of 35mph and provide a very safe riding area for bikes. The proposed painting plan includes removing all the existing lines and symbols and painting of the lines as shown on the plan.

The preliminary estimate for doing all this work is approximately $20,000. We would recommend working with our current contractor and preparing a change order to the existing contract to get the work done at the same time we open the new intersection. If Council would like to review the plan in detail we can certainly schedule a meeting to do so.

Sewer Televising Program



PROPOSED CROSS SECTION
SOUTH APPROACH OF BOYSON RD/CENTER POINT RD INTERSECTION
(LOOKING SOUTH)



PROPOSED CROSS SECTION
NORTH OF RAILROAD TO NORTH OF FISHER ST
AND NORTH OF WILLMAN ST
(LOOKING SOUTH)

LICENSED PROFESSIONAL ENGINEER
WILLIAM J. BAUER
23816
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 Engineer under the laws of the State of Iowa.

William J. Bauer Iowa Reg No. 23816
My License Renewal date is December 31, 2018
Pages covered by this seal: B.01-B.02, C.01-C.02, O2.02A-O2.02C, P.01-P.03

PRELIMINARY

ABES PROJECT NO: 217028	DRAWN BY: JMS APPROVED BY: WJB DATE: 6/16/2017	NO.	REVISION DESCRIPTION	APPROVED	DATE	Hiawatha! ANDERSON BOGERT	CENTER POINT ROAD 4-LANE TO 3-LANE CONVERSION	TYPICAL SECTIONS	SHEET NO. B.01 OF B.02

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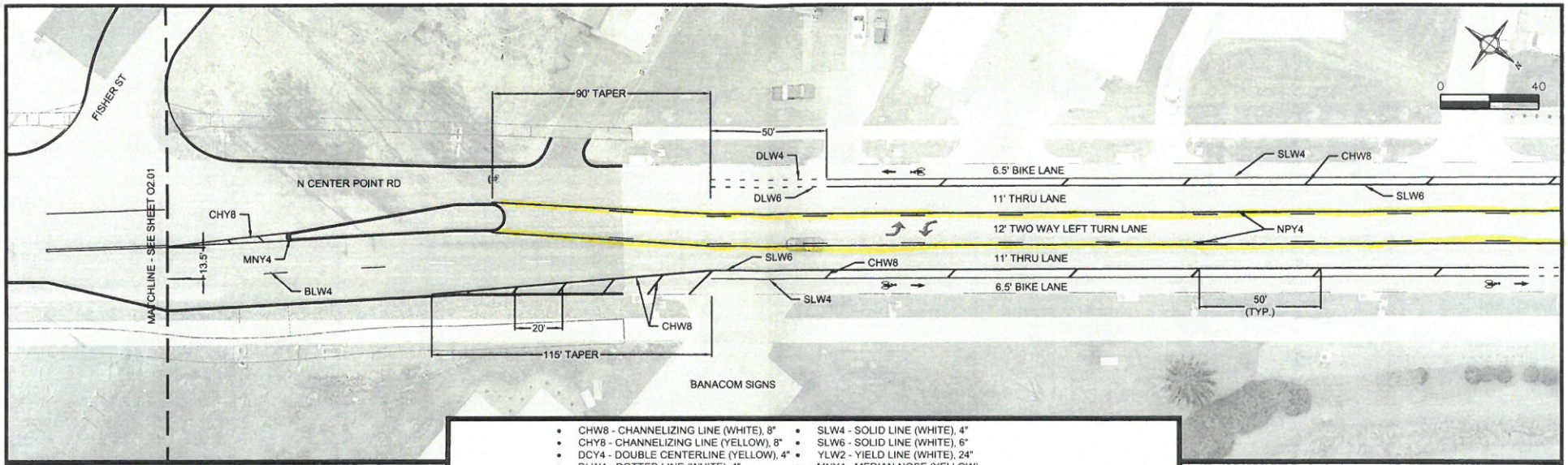
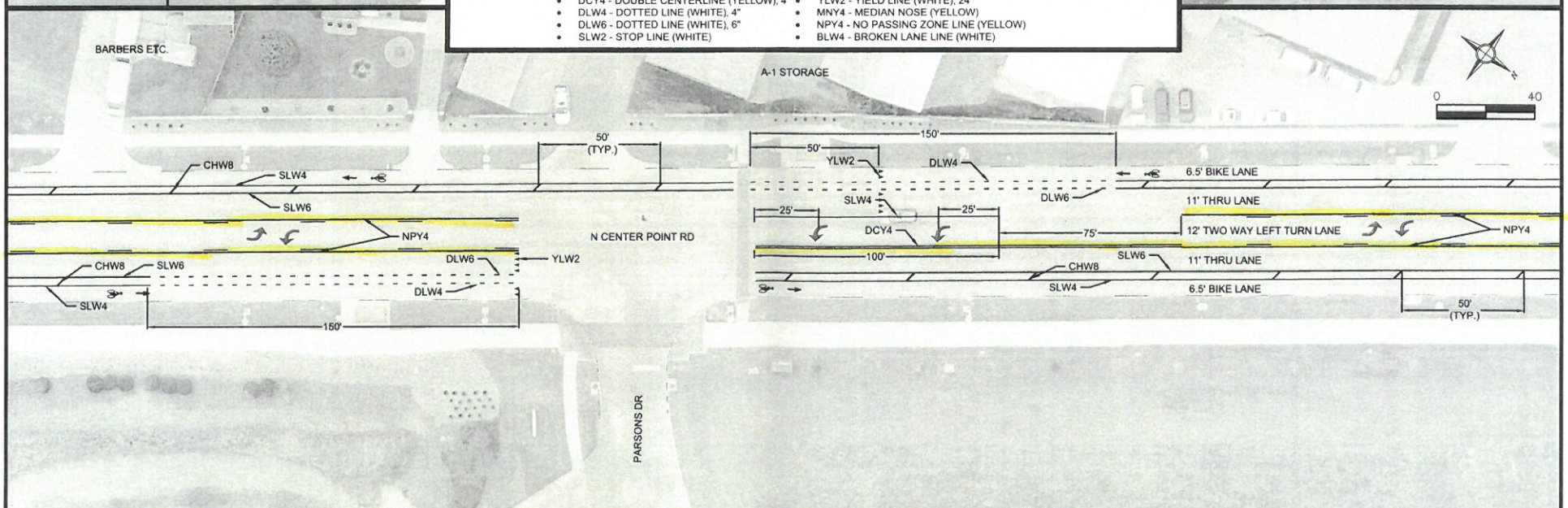


- CHW8 - CHANNELIZING LINE (WHITE), 8"
- CHY8 - CHANNELIZING LINE (YELLOW), 8"
- DCY4 - DOUBLE CENTERLINE (YELLOW), 4"
- DLW4 - DOTTED LINE (WHITE), 4"
- DLW6 - DOTTED LINE (WHITE), 6"
- SLW2 - STOP LINE (WHITE)
- SLW4 - SOLID LINE (WHITE), 4"
- SLW6 - SOLID LINE (WHITE), 6"
- YLW2 - YIELD LINE (WHITE), 24"
- MNY4 - MEDIAN NOSE (YELLOW)
- NPY4 - NO PASSING ZONE LINE (YELLOW)
- BLW4 - BROKEN LANE LINE (WHITE)



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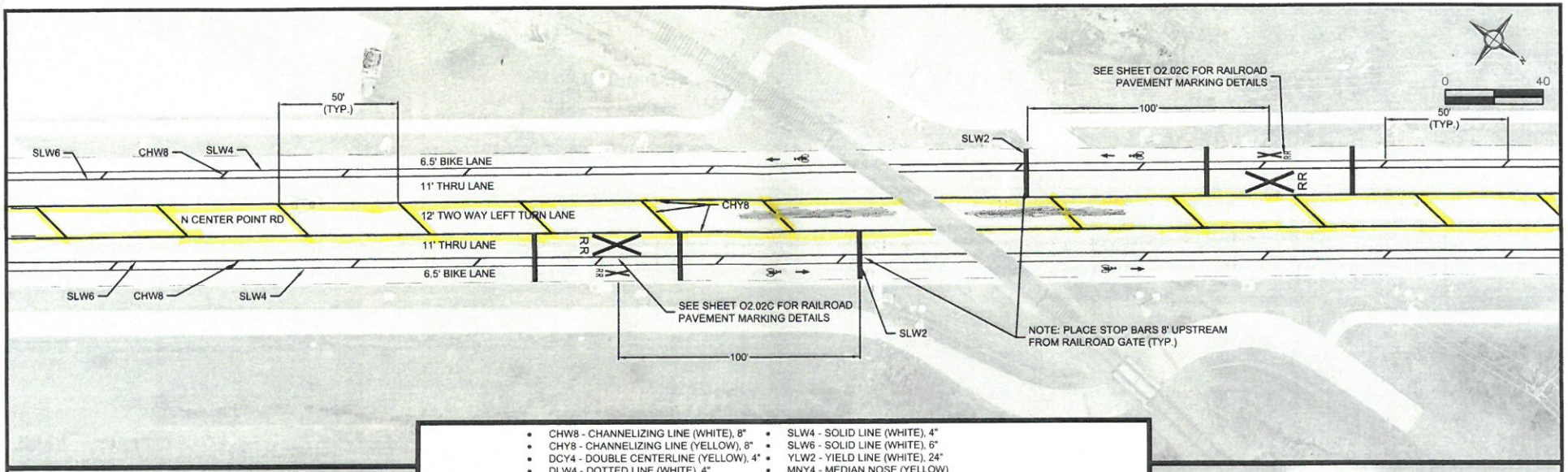

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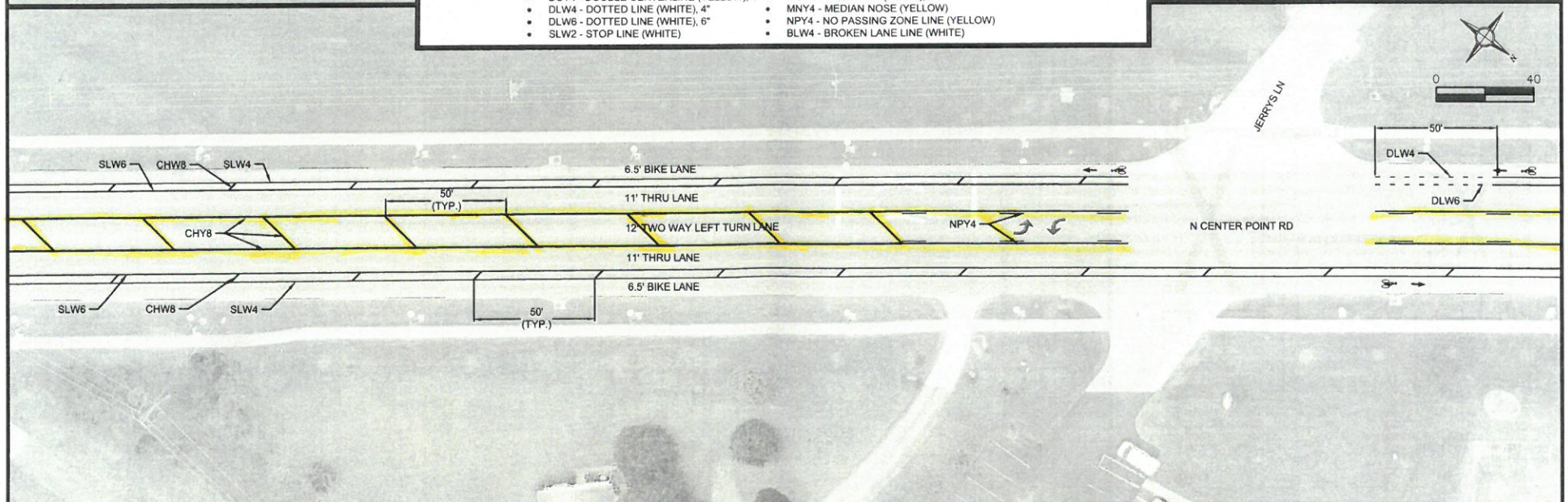

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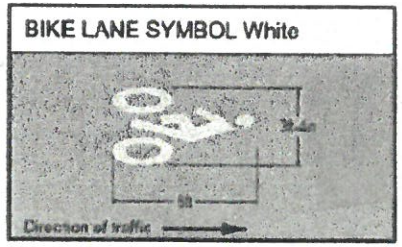

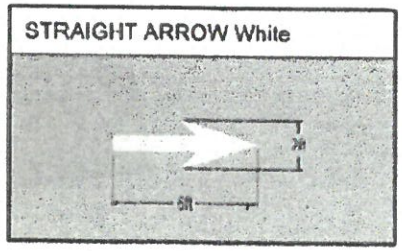

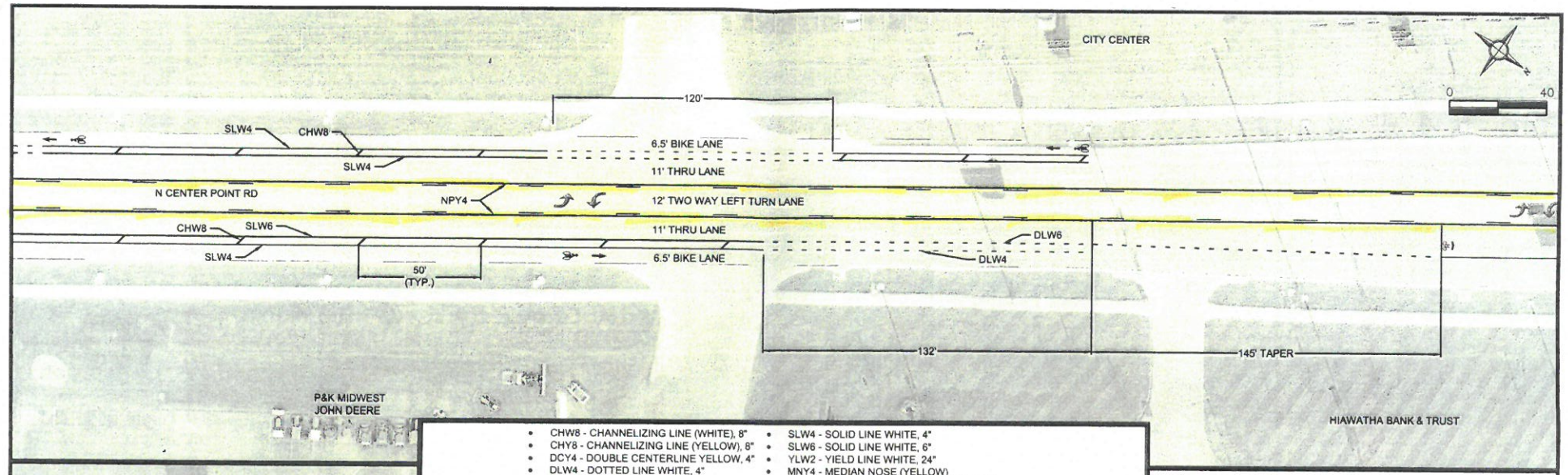

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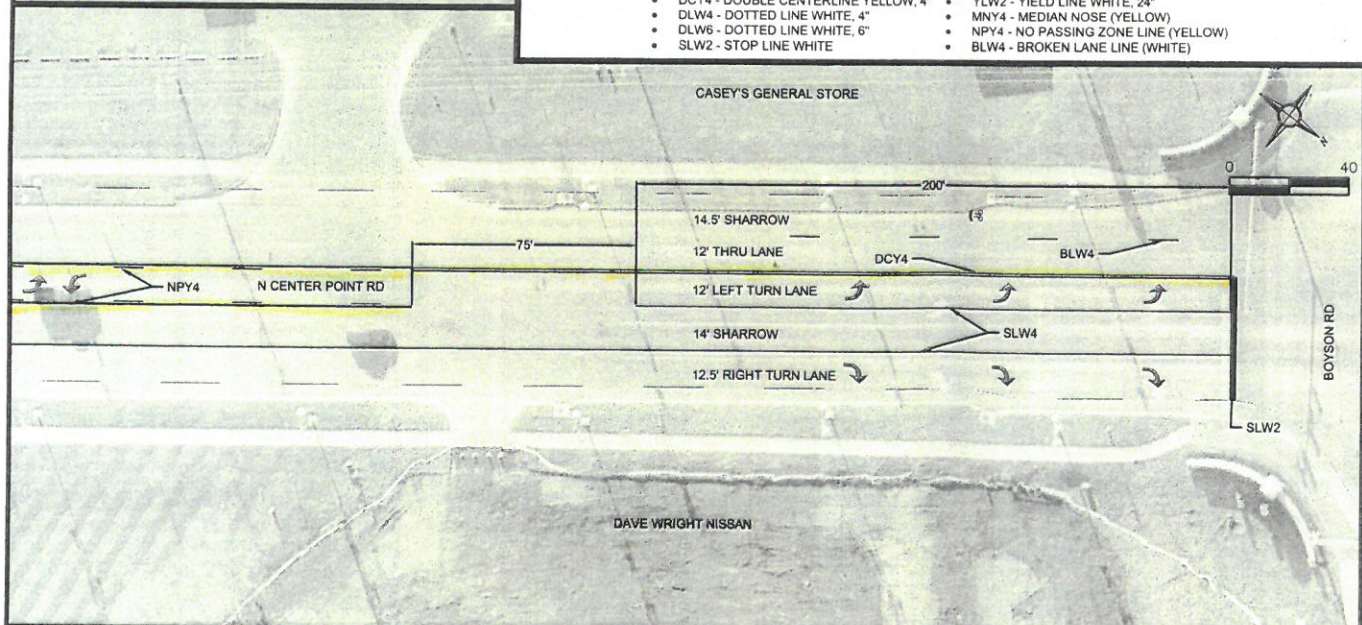

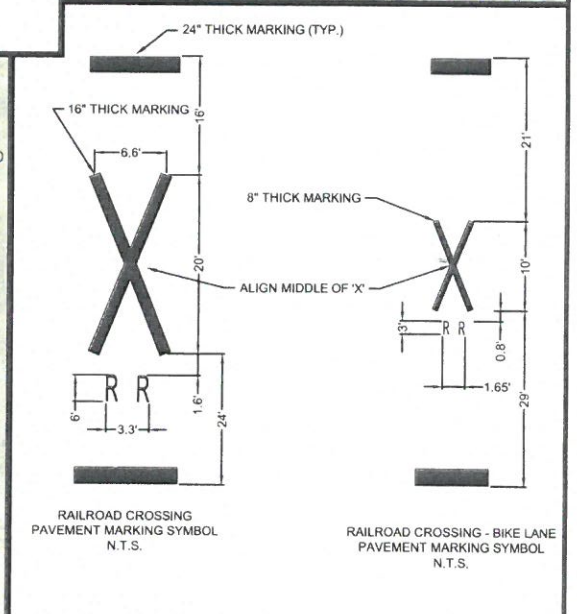

RAILROAD CROSSING
PAVEMENT MARKING SYMBOL
N.T.S.

RAILROAD CROSSING - BIKE LANE
PAVEMENT MARKING SYMBOL
N.T.S.

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