



DEPARTMENT OF THE ARMY
U.S. ARMY CORPS OF ENGINEERS, ST. PAUL DISTRICT
332 MINNESOTA STREET, SUITE E1500
ST. PAUL, MN 55101-1323

July 12, 2024

Regulatory File No. 2024-00068-MMG (SAP 033-605-023)



This letter regards an approved jurisdictional determination for portions of the 2.73 miles of County State Aid Highway (CSAH) 5 from Trunk Highway (TH) 5 to CSAH 19 located in Sections 23, 24, 26 and 35, Township 40 North, Range 23 West, Kanabec County, Minnesota. The review area for our jurisdictional determination is identified on the enclosed Figure 1-3.

The review area, which is limited to 13 linear ditches labeled Wet Ditch 1-13 as well as 3 wetlands labeled as Wetland 1-3, contains no waters of the United States subject to Corps of Engineers (Corps) jurisdiction. Therefore, you are not required to obtain Department of the Army authorization to discharge dredged or fill material within this area. The rationale for this determination is provided in the enclosed Approved Jurisdictional Determination form. You are also cautioned that the area of waters described on the enclosed Jurisdictional Determination form is approximate and is not based on a precise delineation of aquatic resources.

This determination is only valid for the review area shown on the enclosed Figure 1-3.

If you object to this approved jurisdictional determination, you may request an administrative appeal under Corps regulations at 33 CFR 331. Enclosed you will find a Notification of Appeal Process (NAP) fact sheet and Request for Appeal (RFA) form. If you request to appeal this determination, you must submit a completed RFA form to the Mississippi Valley Division Office at the address shown on the form.

In order for an RFA to be accepted by the Corps, the Corps must determine that it is complete, that it meets the criteria for appeal under 33 CFR 331.5, and that it has been received by the Division Office within 60 days of the date of the enclosed NAP.

It is not necessary to submit an RFA form to the division office if you do not object to the determination in this letter

This approved jurisdictional determination may be relied upon for five years from the date of this letter. However, the Corps reserves the right to review and revise the determination in response to changing site conditions, information that was not considered during our initial review, or off-site activities that could indirectly alter the extent of wetlands and other resources on-site. This determination may be renewed at the end of the five year period provided you submit a written request and our staff are able to verify that the limits established during the original determination are still accurate.

If you have any questions, please contact

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Enclosures

CC:

[REDACTED]

MINNESOTA DEPARTMENT OF TRANSPORTATION

COUNTY OF KANABEC

CONSTRUCTION PLAN FOR GRADING, WIDENING, FULL-DEPTH RECLAMATION, AGGREGATE BASE, BITUMINOUS SURFACING & AGGREGATE SHOULDERING

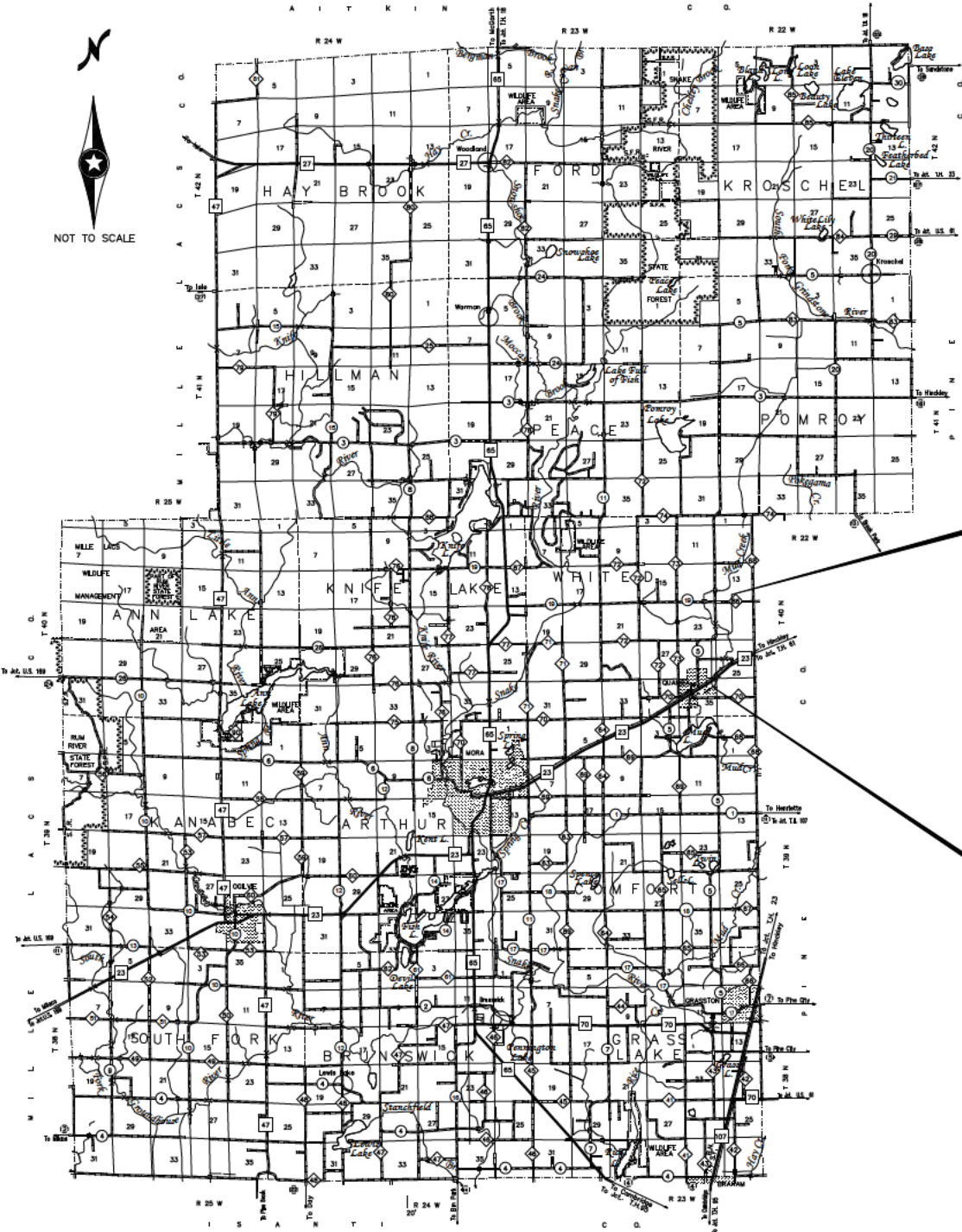
LOCATED ON C.S.A.H. 5 FROM THE JCT OF TH MN 23 & C.S.A.H. 5 1600 FEET SOUTH OF THE N COR. SEC. 35 T40N, R23W, 6 MILES NE OF MORA TO THE JCT OF C.S.A.H. 5 AND C.S.A.H 19 AT THE NE COR. SEC. 23 T40N, R23W

COUNTY LINE	_____
TOWNSHIP OR RANGE LINE	_____
SECTION LINE	_____
QUARTER LINE	_____
SIXTEENTH LINE	_____
TEMPORARY EASEMENT	_____
EXISTING RIGHT OF WAY	_____
PROPOSED RIGHT OF WAY	_____
RAILROAD RIGHT OF WAY	_____
CORPORATE LIMITS	_____
PROPERTY LINE	_____
EDGE OF LAKE	_____
RIVER OR CREEK	_____
DRAINAGE DITCH	_____
BRIDGE	_____
RAILROAD TRACK	_____
BARBED WIRE FENCE	_____
WOVEN WIRE FENCE	_____
ELECTRIC FENCE	_____
CHAIN LINK FENCE	_____
TIMBER FENCE	_____
BILLBOARD	_____
RETAINING WALL	_____
GUARDRAIL (CABLE)	_____
GUARDRAIL (PLATE BEAM)	_____
DRAIN TILE	_____
EXISTING CULVERT	_____
PROPOSED CULVERT	_____
WOODS	_____
DECIDUOUS TREE	_____
CONIFEROUS TREE	_____
BUSH OR SHRUB	_____
STUMP	_____
SWAMP OR MARSH	_____
MONUMENT	_____
IRON PIPE	_____
BENCHMARK	_____
HORIZONTAL CONTROL	_____
POWER POLE	_____
LIGHT POLE	_____
GUY WIRE	_____
CABLE PEDISTAL	_____
ELECTRIC	_____
TELEPHONE	_____
MEDIA	_____
FIBER OPTIC	_____
GAS	_____
HANDHOLE	_____
OVERHEAD ELECTRIC	_____
HYDRANT	_____
WELL	_____
SANITARY MANHOLE	_____
CATCH BASIN	_____
VALVE	_____
SANITARY SEWER	_____
STORM SEWER	_____
WATERMAIN	_____
FORCEMAIN	_____
SEPTIC TANK	_____
DRAIN FIELD	_____
SIGN	_____

STATE AID PROJ. NO.	033-605-023
GROSS LENGTH	14,400 FEET 2.727 MILES
BRIDGES-LENGTH	FEET MILES
EXCEPTIONS-LENGTH	FEET MILES
NET LENGTH	14,400 FEET 2.727 MILES

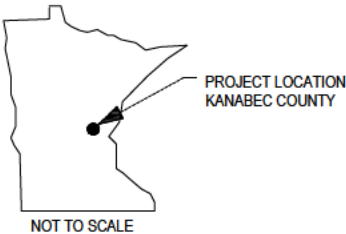
NOTE: ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO LATEST MMUTCD, INCLUDING THE LATEST FEILD MANUAL FOR TEMPORARY CONTROL ZONE LAYOUTS.(SEE PAGE 3 FOR DETAILS)

NOTE: THE SUBSURFACE UTILITY INFORMATION IN THIS PLAN IS UTILITY QUALITY LEVEL D. THIS UTILITY QUALITY LEVEL WAS DETERMINED ACCORDING TO THE GUIDELINES OF C/ASCE 38-02, ENTITLED "STANDARD GUIDELINES FOR THE COLLECTION AND DEPICTION OF EXISTING SUBSURFACE UTILITY DATA."



END S.A.P. 033-605-023
STATION 144+00.00

BEGIN S.A.P. 033-605-023
STATION 0+00.00



MINN. PROJ. NO. S.A.P. 033-605-023

GOVERNING SPECIFICATIONS
THE 2020 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION
"STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

SHEET	DESCRIPTION
1	TITLE
2	ESTIMATED QUANTITIES
3	TYPICAL SECTIONS
4	CULVERT TABLE
5	TRAFFIC CONTROL PLAN
6-12	PLAN & PROFILE SHEETS
13-14	SWPPP NARRATIVE
15	EROSION CONTROL DETAILS EROSION CONTROL TABULATION EROSION CONTROL PLAN SHEETS
16-59	CROSS SECTION SHEETS THIS PLAN CONTAINS 59 SHEETS

DESIGN DESIGNATION - TIER NO.

ROADWAY NAME	QUARTER ST. & RAINBOW ST.
PRES. ADT	380 (2023)
PROJ. ADT	374 (2043)
PROJ. HCADT	34 9% PROJ. ADT (2043)
ESAL	178,000
R-VALUE	14
SOIL FACTOR	130%
FUNCTIONAL CLASS.	MAJOR COLLECTOR
DESIGN	10 TON RURAL DESIGN
SHOULDER WIDTH	6 FEET
NO. OF TRAFFIC LANES	2 - 12 FOOT LANES
NO. OF PARKING LANES	NA
DESIGN SPEED	55
BASED ON	STOPPING SIGHT DISTANCE
HEIGHT OF EYE	3.5 FEET
HEIGHT OF OBJECT	2.0 FEET
DESIGN SPEED NOT ACHIEVED AT	NA
HORIZONTAL CURVES	
STA. 00+67 TO STA. 01+68	MPH 30
STA. 59+78 TO STA. 72+52	MPH 50
STA. 83+87 TO STA. 95+07	MPH 45

DISTRICT STATE AID ENGINEER: REVIEWED FOR COMPLIANCE WITH STATE-AID RULES/POLICY

FOR STATE AID ENGINEER: APPROVED FOR STATE AID FUNDING

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

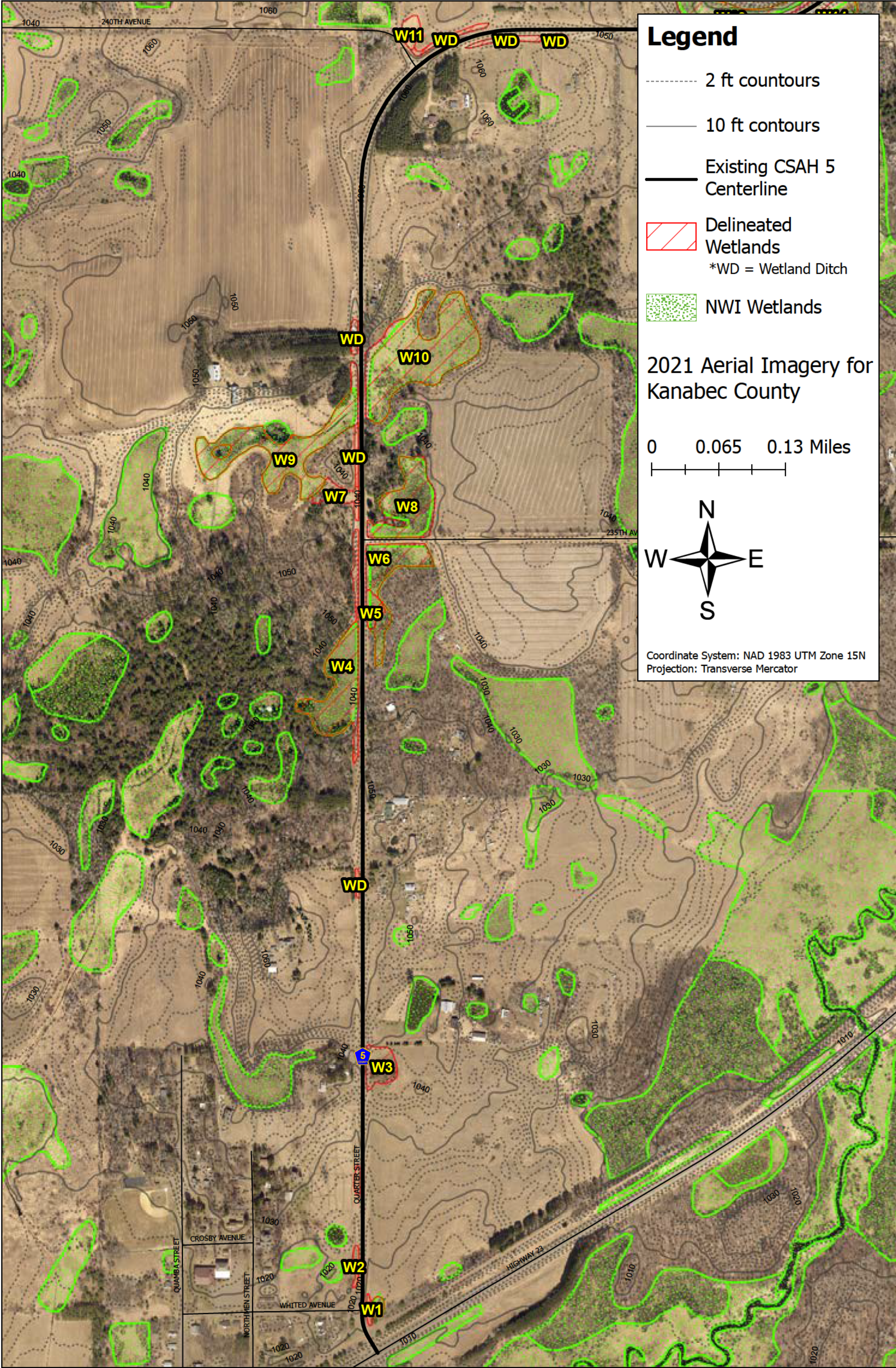
COUNTY ENGINEER CHAD T. GRAMENTZ

COUNTY KANABEC REG. NO. 47090

STATE AID PROJ. NO. 033-605-023

SHEET NO. 1 OF 36 SHEETS

CSAH 5 Route with Wetlands



CSAH 5 Route with Wetlands

