

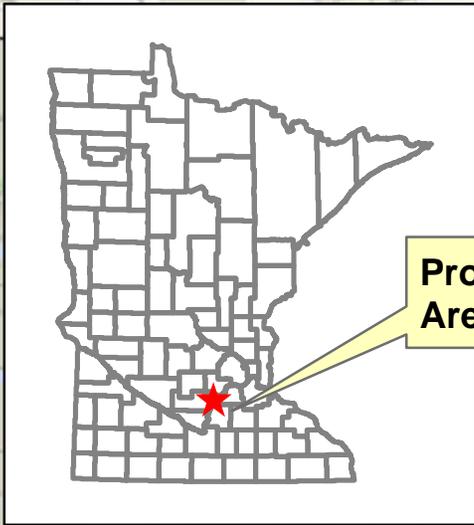
# Appendix A

## **Appendix A Figures and Reports**

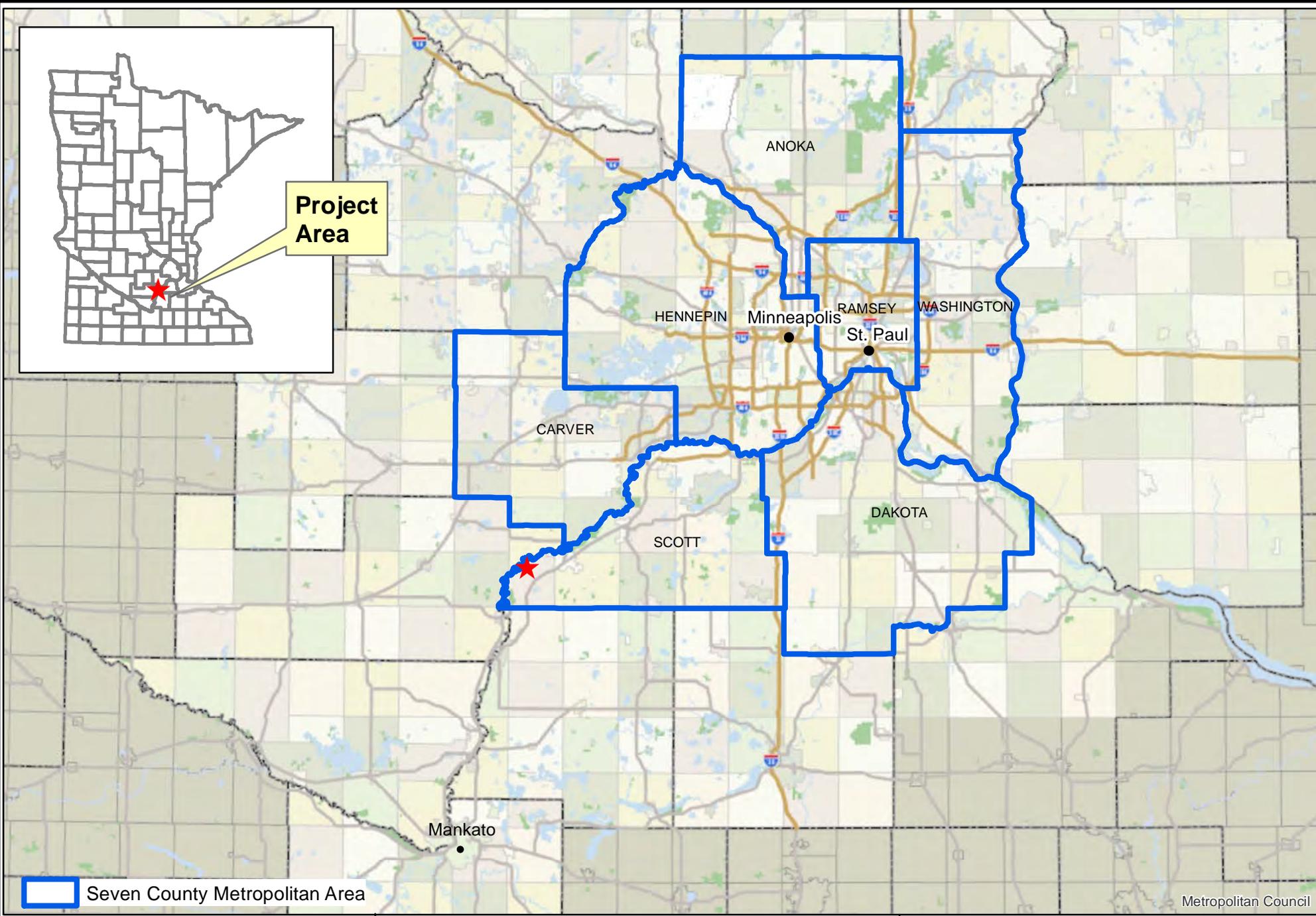
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- Regional Maps
- Site Location Map
- Floodplain Map
- Aerial Map
- Topography Map
- Wetland Investigation (Includes National Wetland Inventory and MnDNR Public Waters Inventory)
- National Wetlands Inventory Map

# Regional Maps



**Project Area**



Metropolitan Council



Scott County  
Community Services Division  
Physical Development Department  
600 Country Trail East  
Jordan, MN 55352

### Regional Location

Blakeley Township, MN  
Township 113 North, Range 25 West



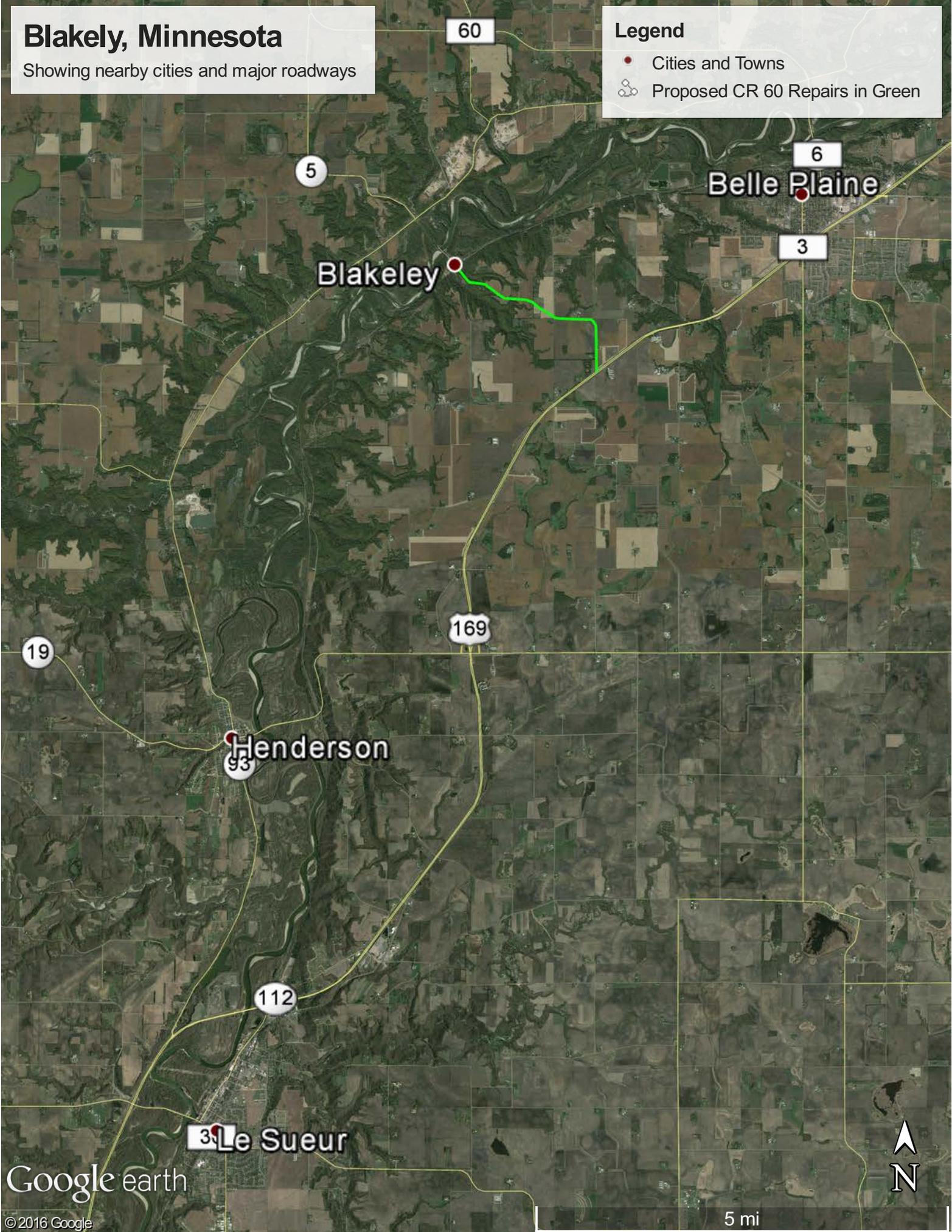
### County Road 60 Flood Damage

# Blakely, Minnesota

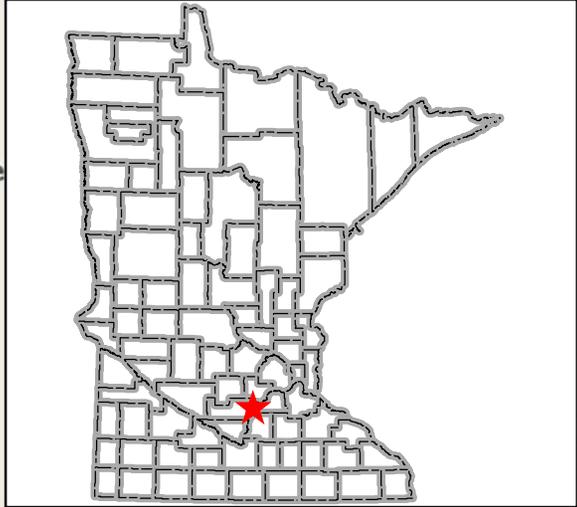
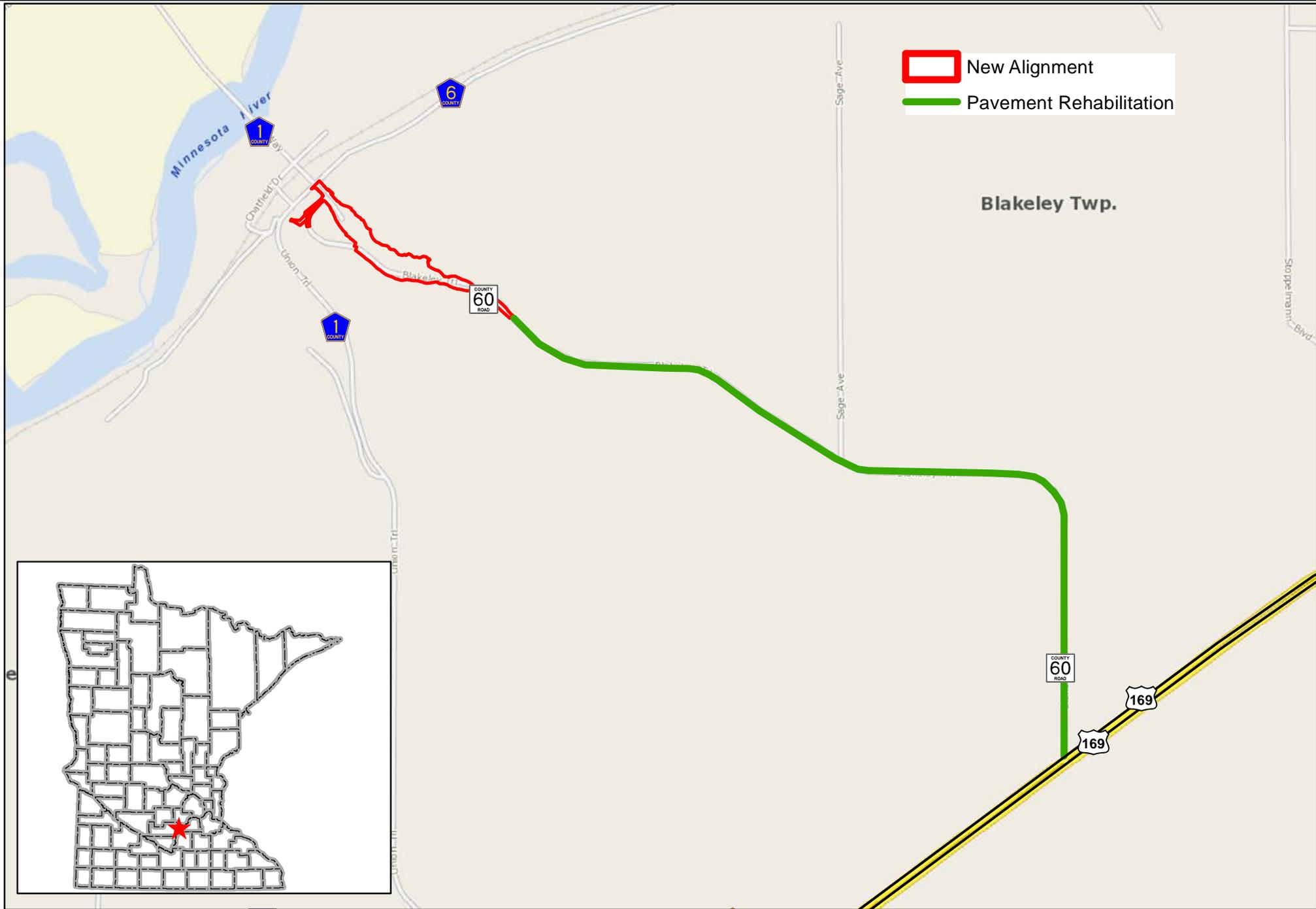
Showing nearby cities and major roadways

## Legend

- Cities and Towns
- 🛣️ Proposed CR 60 Repairs in Green



# Site Location Map



  
 Scott County  
 Community Services Division  
 Physical Development Department  
 600 Country Trail East  
 Jordan, MN 55352

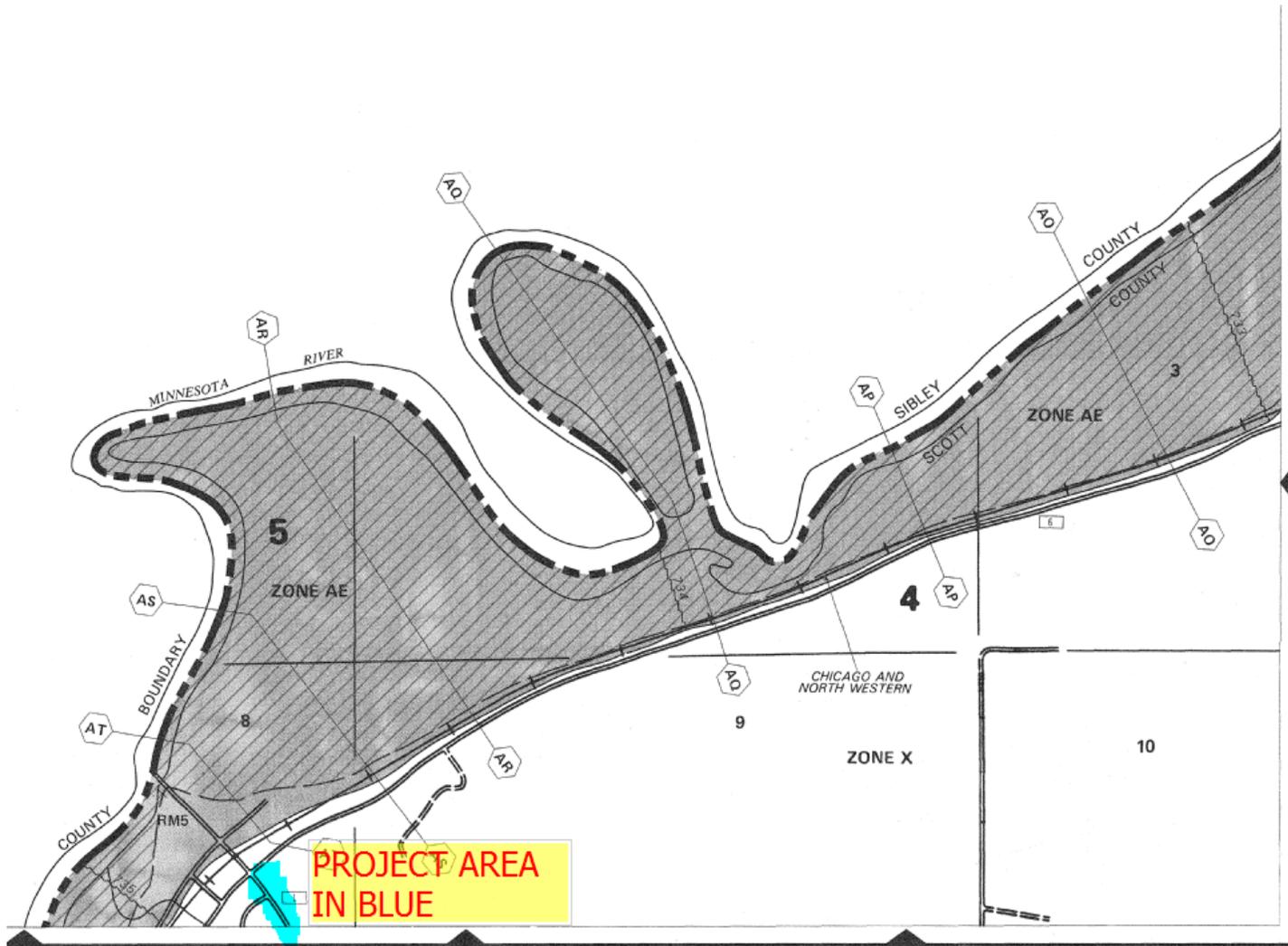
## Project Location

Blakeley Township, MN  
 Township 113 North, Range 25 West



## County Road 60 Project

# Floodplain Map



NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP

SCOTT COUNTY,  
MINNESOTA  
(UNINCORPORATED AREAS)

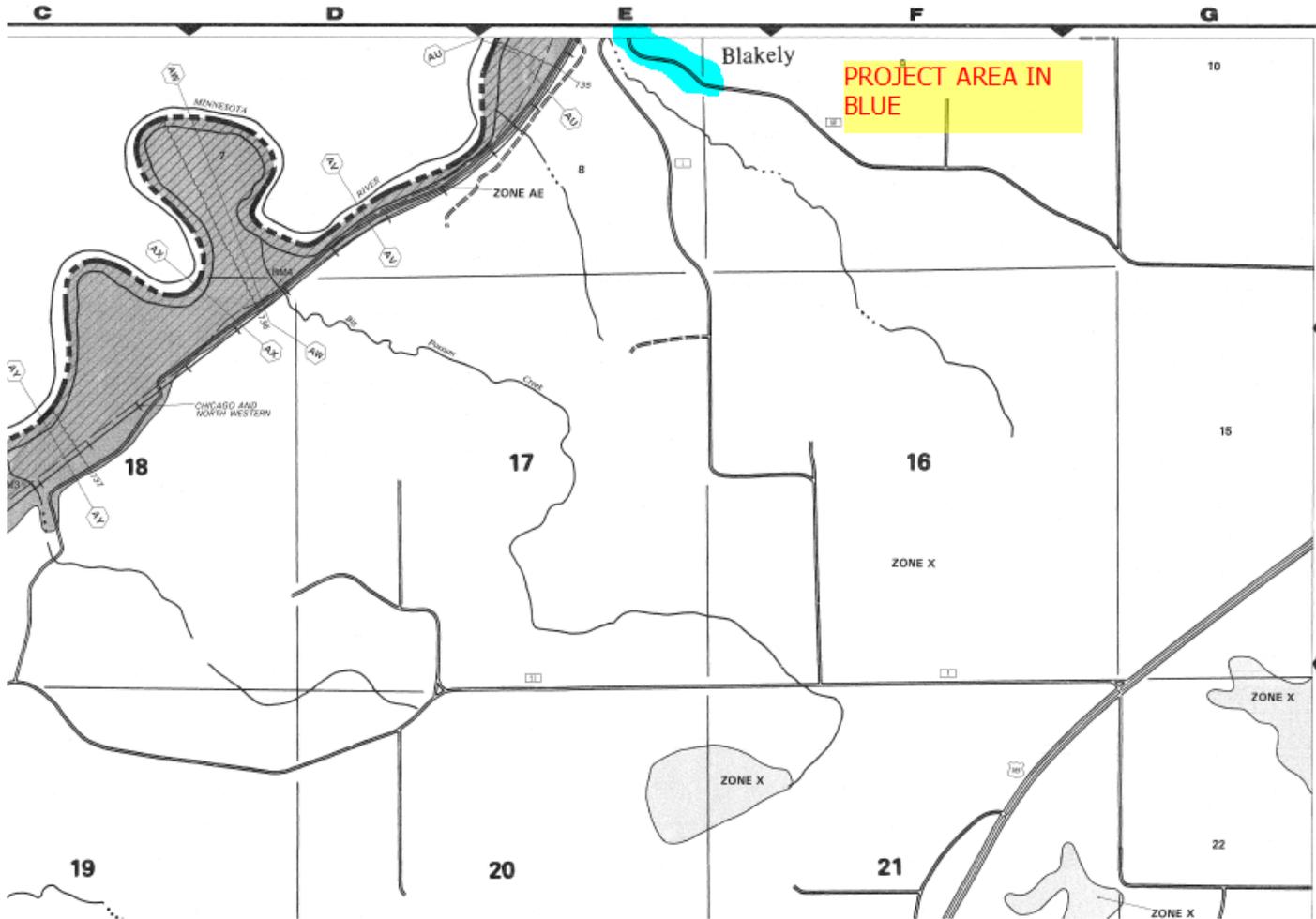
PANEL 55 OF 125

COMMUNITY-PANEL NUMBER  
270428 0055 C

MAP REVISED:  
FEBRUARY 19, 1987



Federal Emergency Management Agency



NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP

SCOTT COUNTY,  
MINNESOTA  
(UNINCORPORATED AREAS)

PANEL 65 OF 125

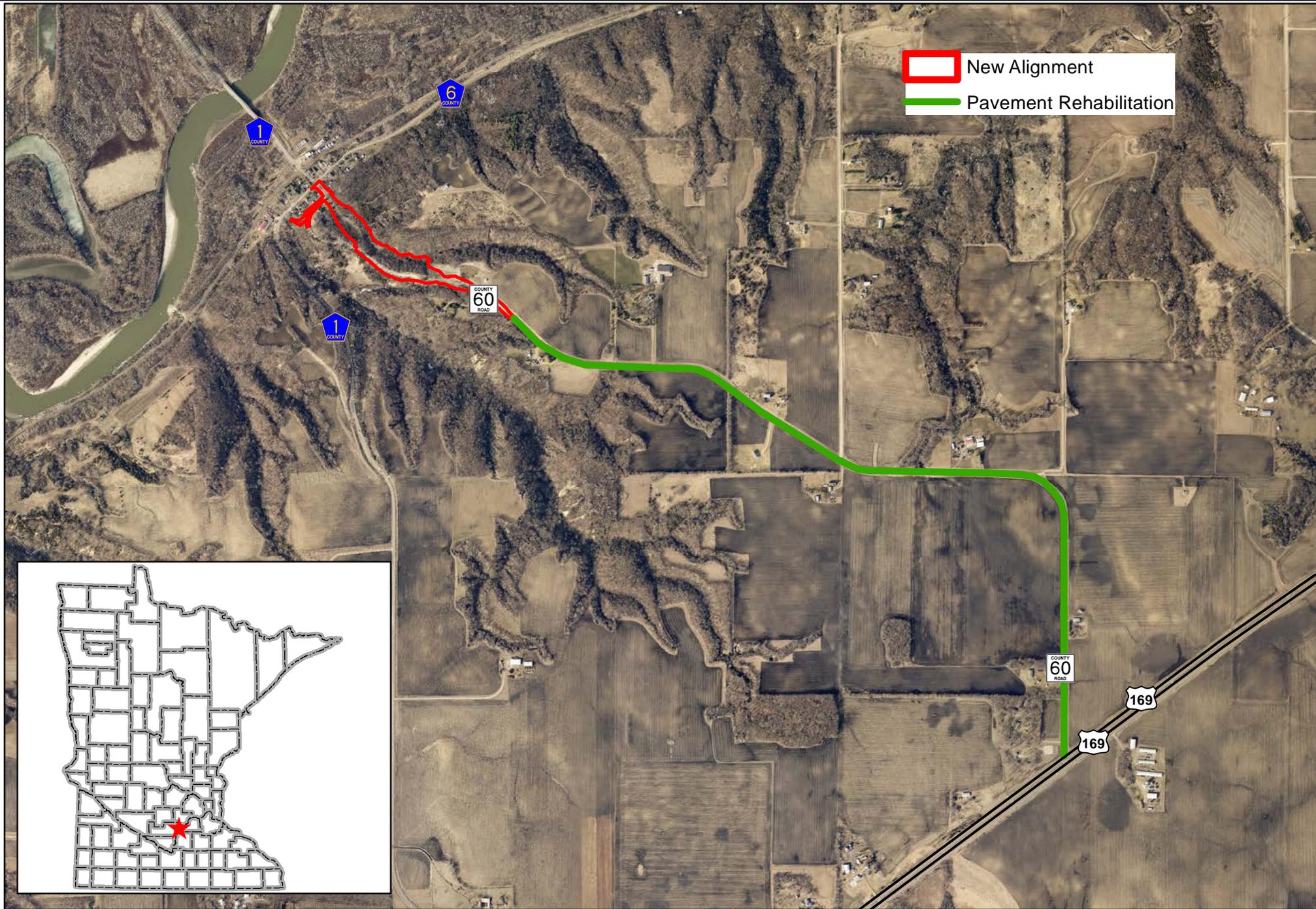
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MAP REVISED:  
FEBRUARY 19, 1987

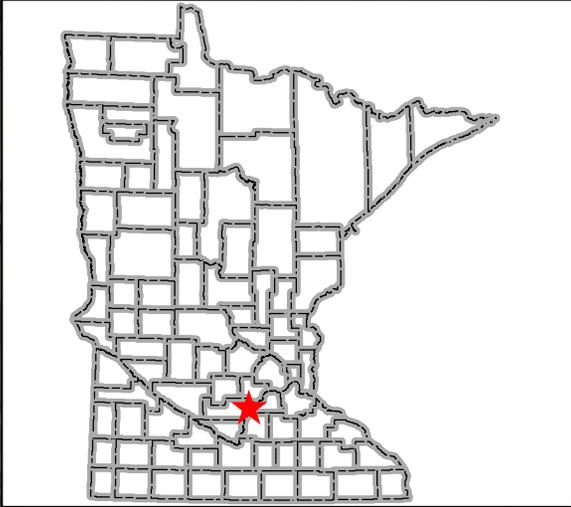


Federal Emergency Management Agency

# Aerial Map



 New Alignment  
 Pavement Rehabilitation



  
Scott County  
Community Services Division  
Physical Development Department  
600 Country Trail East  
Jordan, MN 55352

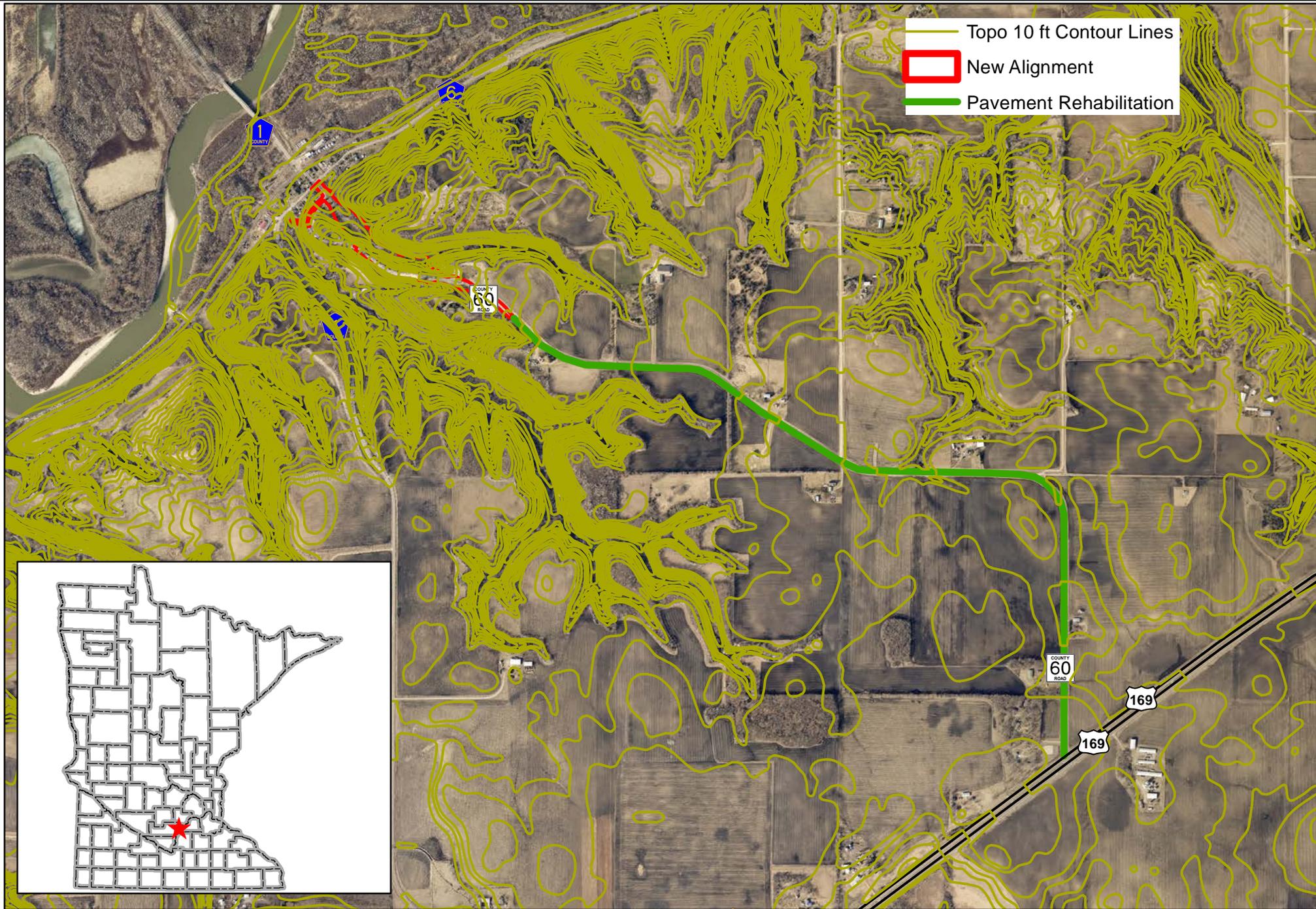
### Project Location

Blakeley Township, MN  
Township 113 North, Range 25 West



### County Road 60 Project

# Topography Map



Scott County  
 Community Services Division  
 Physical Development Department  
 600 Country Trail East  
 Jordan, MN 55352

## Topography

Blakeley Township, MN  
 Township 113 North, Range 25 West



## County Road 60 Project

# Wetland Investigation



*Technical Memorandum*

**Date:** October 8, 2015

**To:** Lisa Schickedanz  
Scott County Physical Development Department

**From:** Ashley Payne  
Kimley-Horn and Associates, Inc.

**Re:** County Road 60 Flood Repairs (CP 60-02) Wetland Investigation Memorandum

Dear Ms. Schickedanz:

Wetland Scientist, Ashley Payne, CWD (#1259) performed a Routine Level 1 Wetland Delineation and site review in the County Road 60 (CR 60) Flood Repairs Project study area (see attached Figure 1 for project location and Figure 2 for the study area). During the flooding in southern Scott County in 2014, County Road 60 was washed out in multiple locations. Portions of the roadway have been repaired; however, the County is proposing to relocate and reconstruct a portion of CR 60.

Background information was collected to determine the potential for wetlands to be located within the project study area. The USDA NRCS Web Soil Survey for Scott County was reviewed (see attached). The soils within the project area mainly consist of Hayden Loam (0-6% slopes and 2-6% slopes), Steep land (Hayden-Lester Materials), and Terrace escarpments. All of these soil types are considered non-hydric soils.

The National Wetlands Inventory was also reviewed and no wetlands were identified.

The DNR Public Waters Inventory was reviewed and no wetlands, waterbodies, or waterways were identified within the project limits (see attached).

Current aerial photography (2013) and LiDAR of the project area were also reviewed and no potential wetland areas were identified.

A site review was performed on September 23, 2015. No signs of wetlands or depressional basin areas were visible during the site review within the project study area as this area includes a steep hill with a deep ravine on the north side of the existing roadway. The ravine bottom is not wetland.

No wetlands were identified within the project study area. If you have any questions, please feel free to contact me by telephone (507-216-0763) or email (ashley.payne@kimley-horn.com). Thank you.



Enclosures:

- Figure 1. Project Location Map
- Figure 2. Project Study Area
- USDA NRCS Soil Survey
- National Wetlands Inventory
- DNR public waters inventory
- Aerial with contours



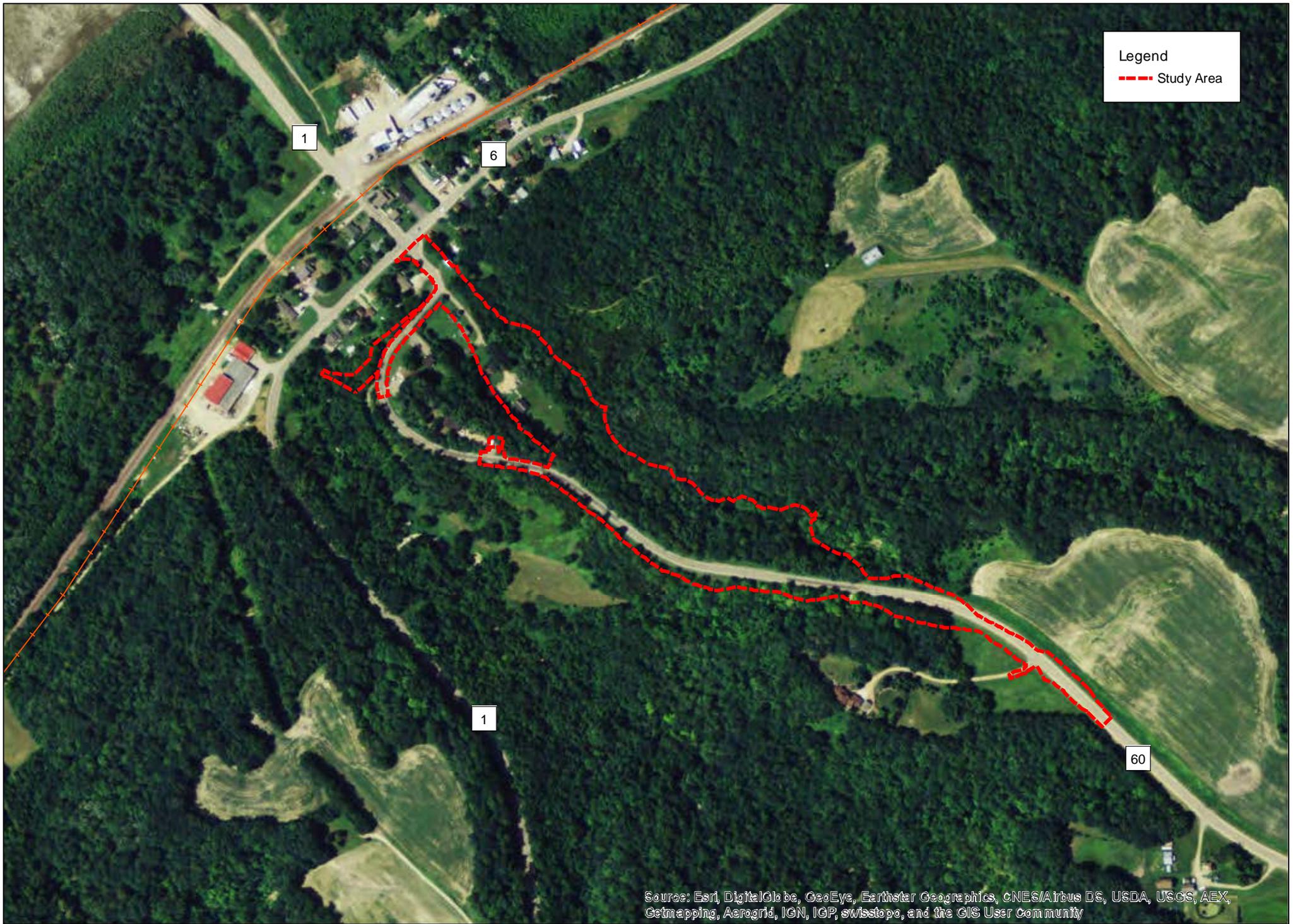
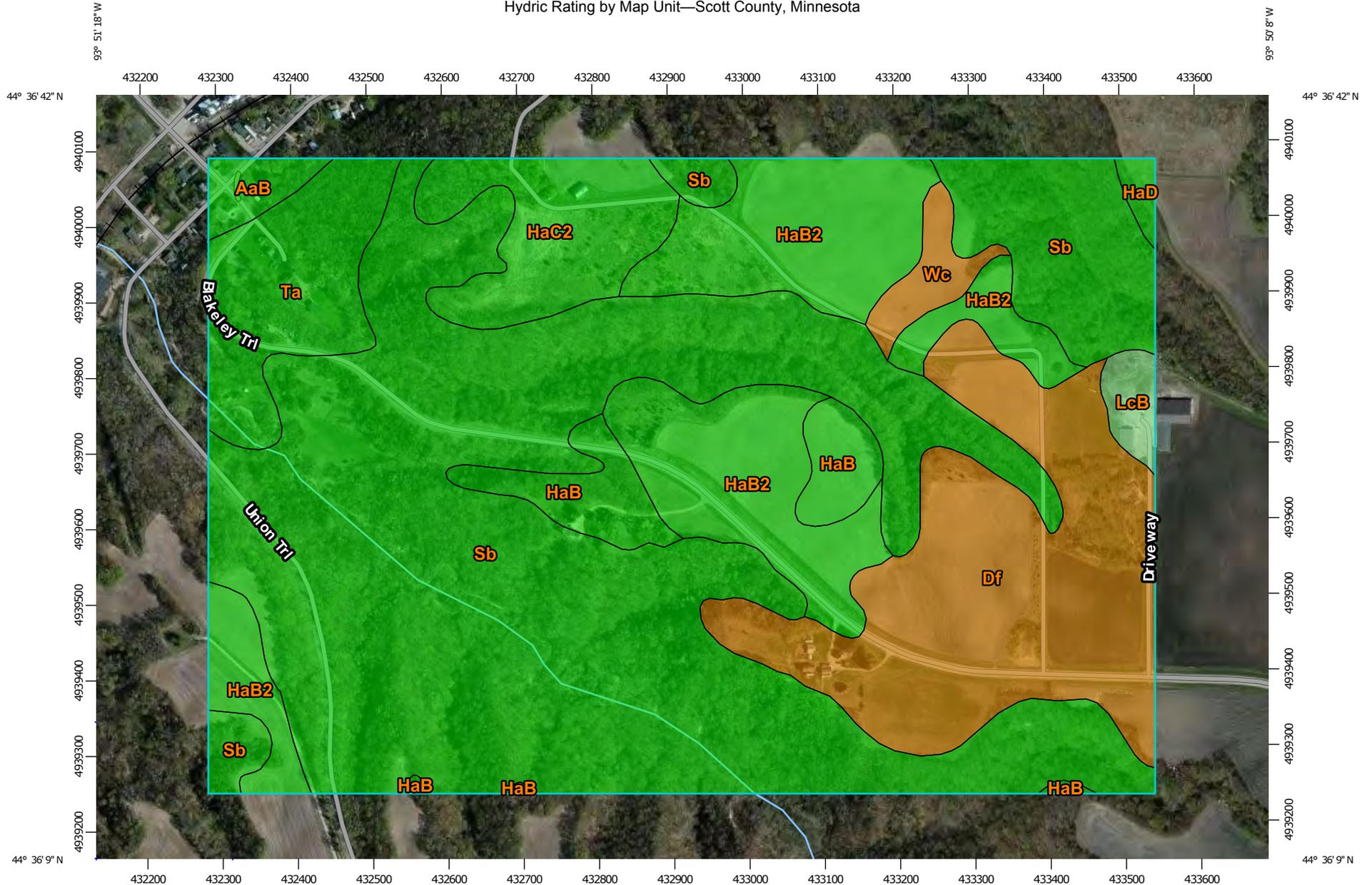
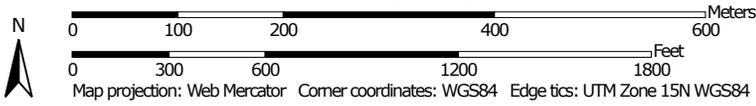


Figure 2. Study Area  
CP 60-02: CR 60 Flood Repairs  
Scott County, MN

Hydric Rating by Map Unit—Scott County, Minnesota



Map Scale: 1:7,120 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 15N WGS84

## MAP LEGEND

### Area of Interest (AOI)

 Area of Interest (AOI)

### Soils

#### Soil Rating Polygons

-  Hydric (100%)
-  Hydric (66 to 99%)
-  Hydric (33 to 65%)
-  Hydric (1 to 32%)
-  Not Hydric (0%)
-  Not rated or not available

#### Soil Rating Lines

-  Hydric (100%)
-  Hydric (66 to 99%)
-  Hydric (33 to 65%)
-  Hydric (1 to 32%)
-  Not Hydric (0%)
-  Not rated or not available

#### Soil Rating Points

-  Hydric (100%)
-  Hydric (66 to 99%)
-  Hydric (33 to 65%)
-  Hydric (1 to 32%)
-  Not Hydric (0%)
-  Not rated or not available

### Water Features

 Streams and Canals

### Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

### Background

 Aerial Photography

## MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service  
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>  
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Scott County, Minnesota  
 Survey Area Data: Version 10, Sep 16, 2014

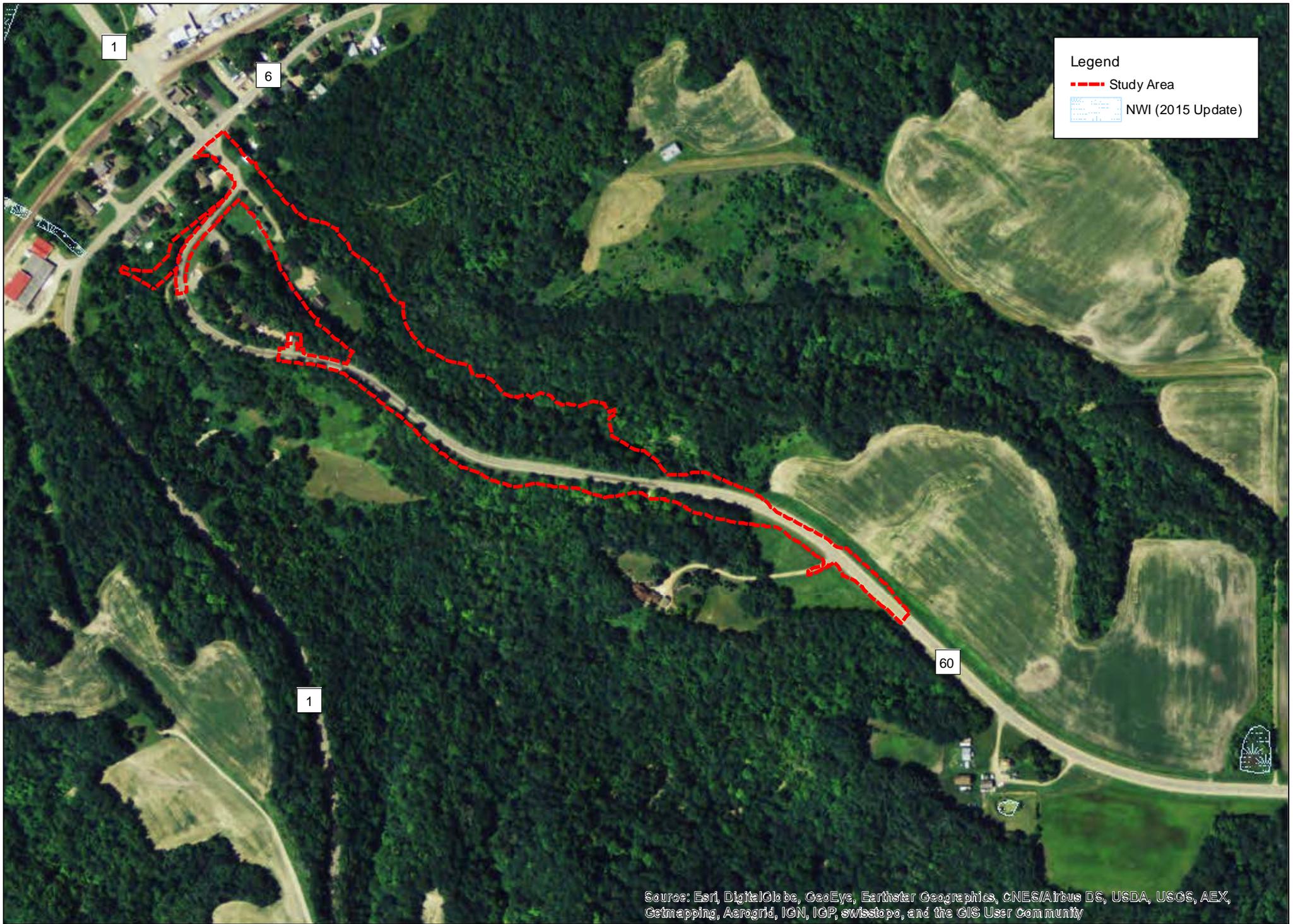
Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

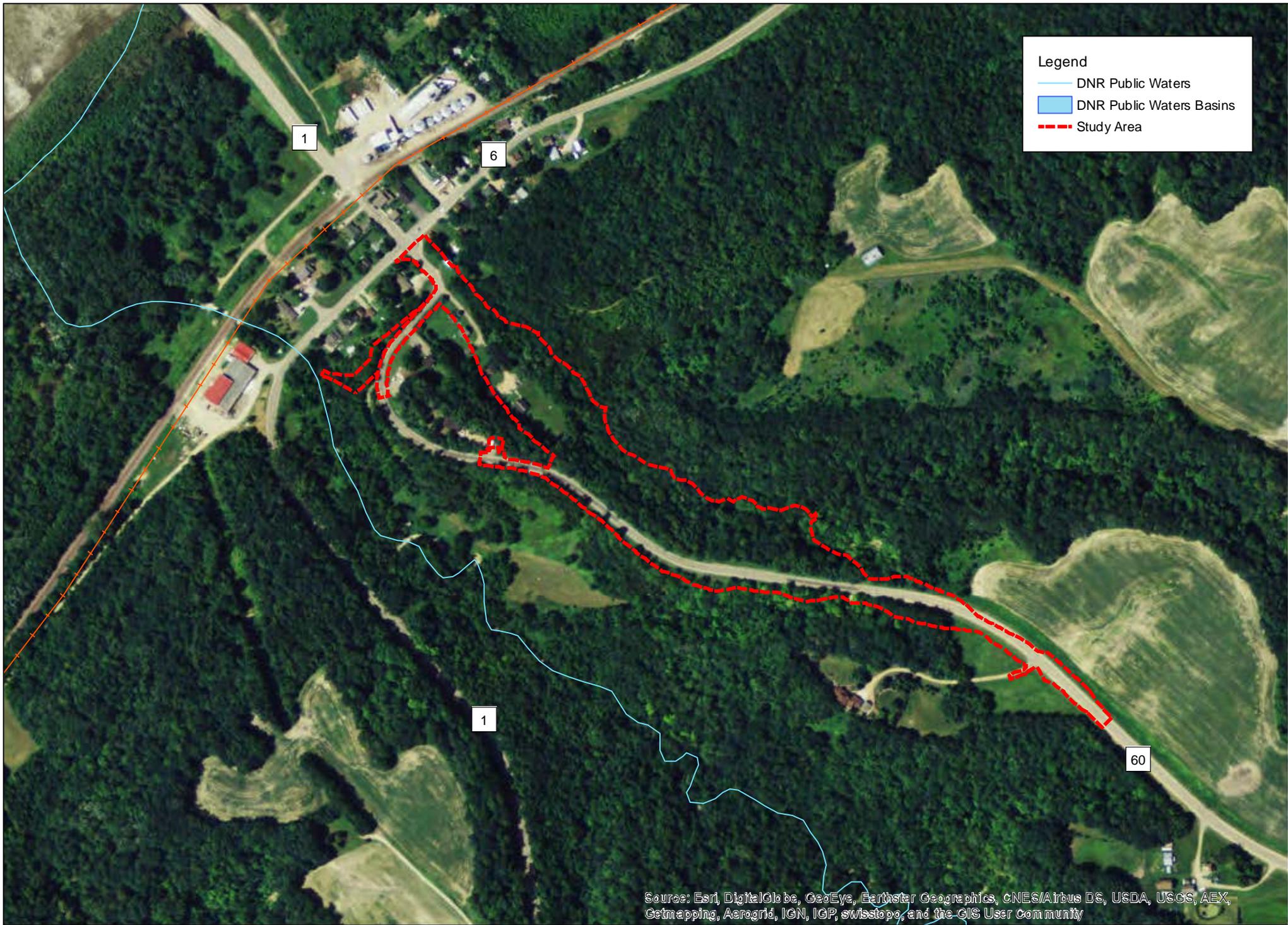
Date(s) aerial images were photographed: Mar 16, 2012—Apr 6, 2012

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

## Hydric Rating by Map Unit

Hydric Rating by Map Unit— Summary by Map Unit — Scott County, Minnesota (MN139)				
Map unit symbol	Map unit name	Rating	Acres in AOI	Percent of AOI
AaB	Alluvial land, 2 to 6 percent slopes	0	2.6	1.0%
Df	Dundas silt loam, 0 to 2 percent slopes	95	41.6	15.9%
HaB	Hayden loam, 0 to 6 percent slopes	0	9.0	3.4%
HaB2	Hayden loam, 2 to 6 percent slopes, moderately eroded	0	38.8	14.8%
HaC2	Hayden loam, 6 to 12 percent slopes, moderately eroded	0	13.0	5.0%
HaD	Hayden loam, 12 to 18 percent slopes	0	1.0	0.4%
LcB	Lester loam, 2 to 6 percent slopes	10	2.2	0.8%
Sb	Steep land, Hayden-Lester materials	0	136.6	52.1%
Ta	Terrace escarpments	0	14.1	5.4%
Wc	Webster-Le Sueur silty clay loams	70	3.4	1.3%
<b>Totals for Area of Interest</b>			<b>262.3</b>	<b>100.0%</b>





**Legend**

- DNR Public Waters
- DNR Public Waters Basins
- - - Study Area

Source: Esri, DigitalGlobe, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AEX, Getmapping, Aerogrid, IGN, IGP, swisstopo, and the GIS User Community

Scott County, MN



Disclaimer: Map and parcel data are believed to be accurate, but accuracy is not guaranteed. This is not a legal document and should not be substituted for a title search, appraisal, survey, or for zoning verification.

Map Scale  
**1 inch = 340 feet**  
10/6/2015