

## Information for File #2015-04160-RMM

**Applicant:** Mr. Robert Fischer

**Corps Contact:** Ryan Malterud

**Address:** 180 Fifth Street East, Suite 700, St. Paul, Minnesota 55101-1678

**E-Mail:** ryan.m.malterud@usace.army.mil

**Phone:** (651) 290-5286

**Project Location:** Section 35, Township 113 North, Range 31 West, Sibley County, Minnesota

**Information Complete On:** April 15, 2016

**Posting Expires On:** May 16, 2016

**Authorization Type:** LOP-05-MN

This application is being reviewed in accordance with current practices for documenting Corps jurisdiction under Section(s) 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act. If an approved jurisdictional determination is completed as part of the review process for this application, a copy will be posted on the St. Paul District web page at the following link: <http://www.mvp.usace.army.mil/Missions/Regulatory.aspx>.

### Project Description (as described by the applicant)

The project consists of filling in an open ditch and replacing with an underground tile system. The proposed work is summarized as follows:

- The existing open ditch between Station 0+13 and Station 8+13 will be replaced with a 24-inch pipe. The existing open ditch section will be filled and existing tile inlets will be tied into the new county tile line.
- The existing open ditch from Station 8+13 to Station 15+17 will be cleaned, but otherwise will remain as it is currently.
- The existing 48-inch driveway crossing culvert at Station 9+82 will be removed and replaced with a 30-inch culvert set at the original invert of the open ditch.
- The existing filed crossing at Station 18+99 will be removed.
- The existing open ditch between Station 15+17 and Station 23+74 will be replaced with a 30-inch pipe. Existing tile inlets will be tied into the new county tile line. The pipe will be installed 10 feet south and east of the existing centerline of the ditch to avoid any wetland impacts.

The applicant has conducted an analysis to show that the proposed drain tile sizes will be adequate to meet the flow demands of the watershed, which will result in no upstream constrictions.

The project will result in the discharge of fill material into 1,840 linear feet (0.4 acre) of an unnamed agricultural ditch.

## **Federally Listed Threatened and Endangered Species**

According to the USFWS Midwest Region website, which was checked on May 6, 2016, the Northern long-eared bat (threatened), is found in Sibley County, Minnesota.

## **Historic Properties**

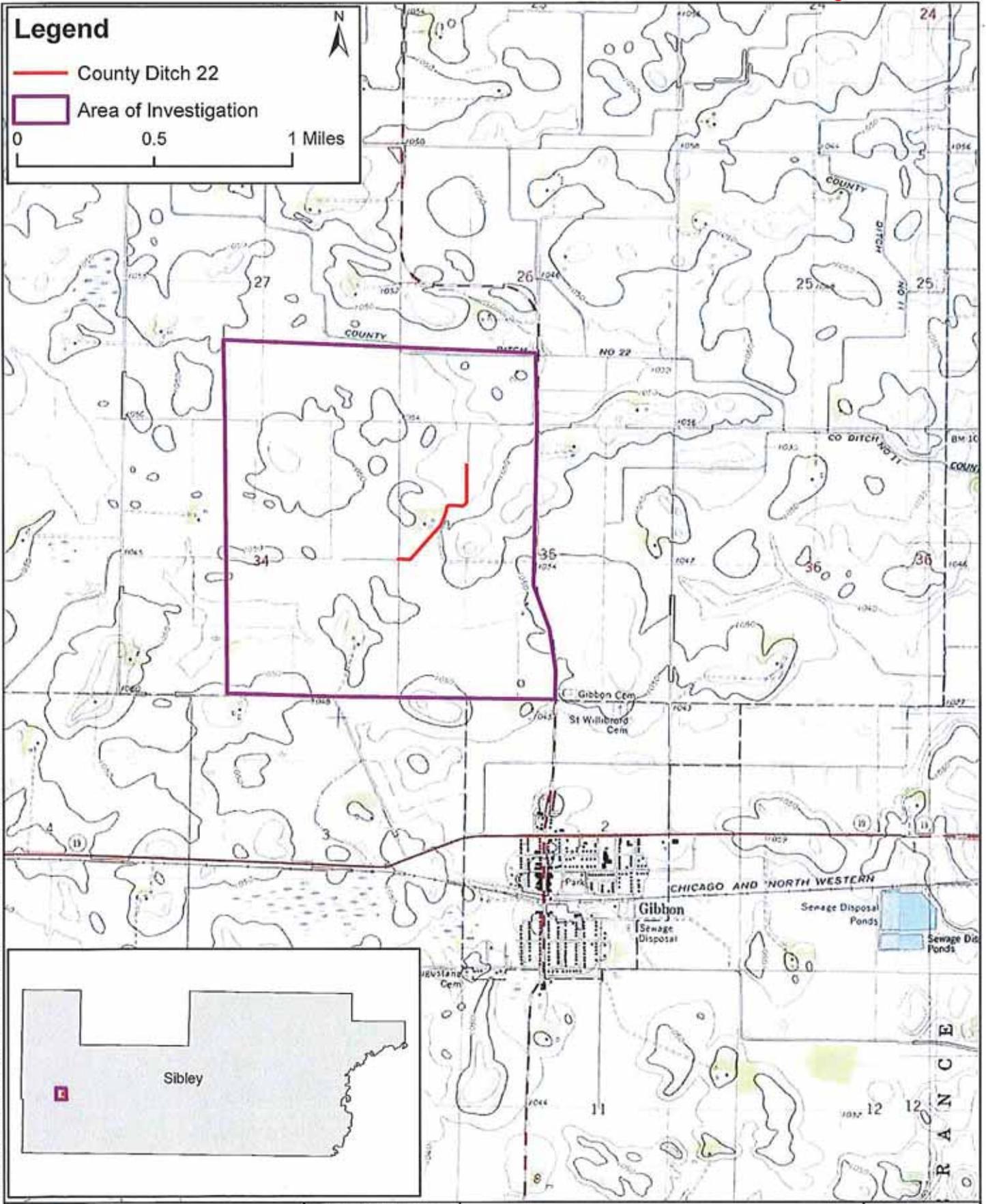
The latest version of the National Register of Historic Places has been consulted and no listed properties (known to be eligible for inclusion, or included in the Register) are located in the project area.

## **Mitigation**

The applicant does not plan to mitigate for the proposed impacts. The existing ditch is a typical trapezoidal ditch that will be replaced with a 24-inch and 30-inch perforated tile main. The applicant does not believe the project will alter flow patterns in the project area and high flows will still move through the system.

## **Drawings**

See attached MVP-2015-04160-RMM, Page 1 of 5 through Page 5 of 5.

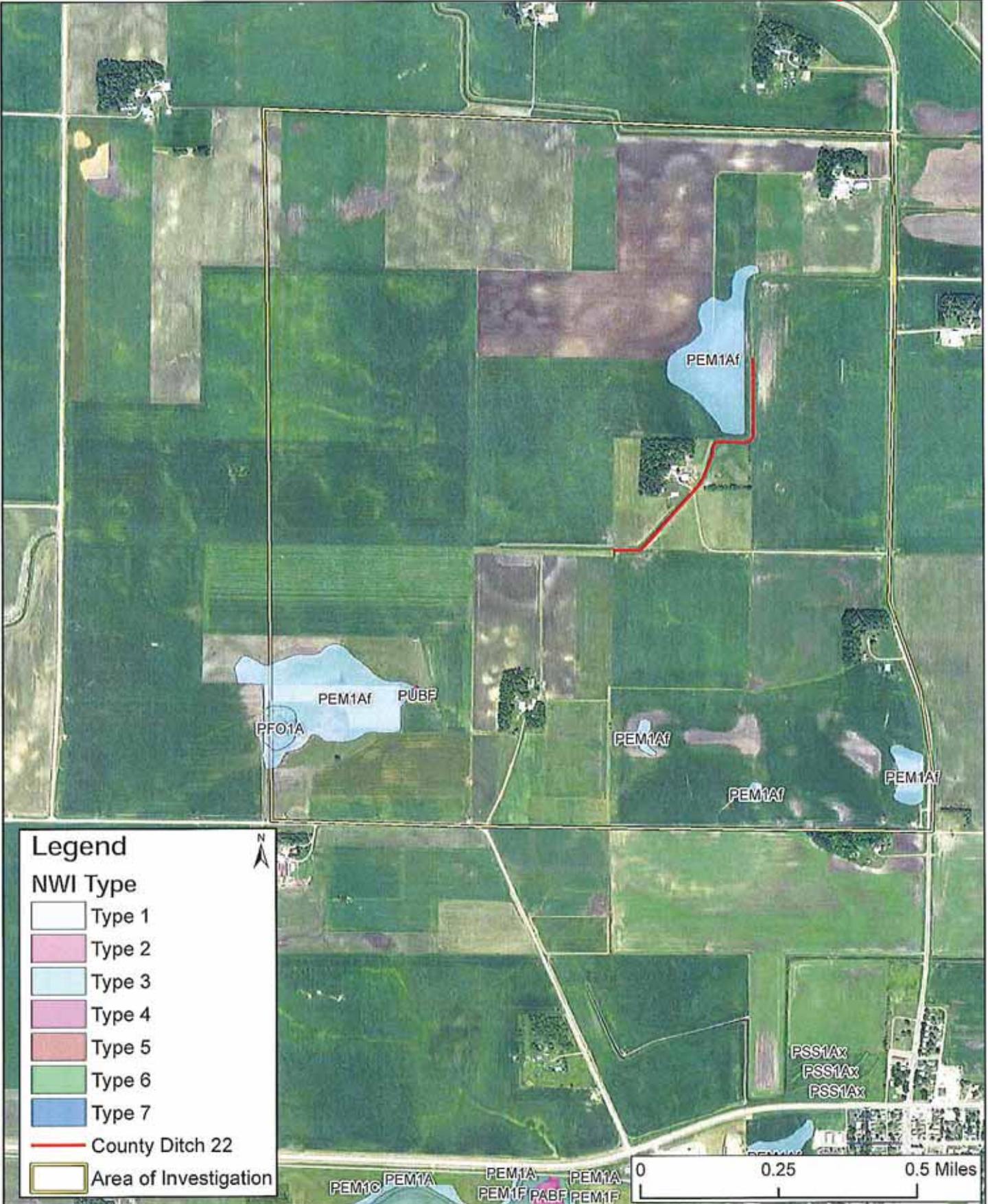


Path: I:\p3020-1\Projects\GIS\Sibley\Comm\Aerials 5-21-15\Cs Ditch 22 Crop Site Analysis\GIS\Fig 1- Topo.mxd

	<p>3535 VADNAIS CENTER DR. ST. PAUL, MN 55110 PHONE: (651) 490-2000 FAX: (651) 905-9166 TF: (650) 325-2055 www.sehinc.com</p>	<p>Project: SIBLC 132037 Print Date: 6/12/2015 Map by: rbeduhn Projection: UTM NAD 83 Zone 16N Source: SEH, USDA, NRCS, MNDNR, USGS, ESRI</p>	<p><b>SITE LOCATION AND TOPOGRAPHY MAP</b> Sibley County Ditch 22 Wetland Determination Section 35; Township 113N; Range 31W</p>	<p><b>Figure 1</b></p>
---	---	---	--	------------------------

This map is neither a legally recorded map nor a survey map and is not intended to be used as one. This map is a compilation of records, information, and data gathered from various sources listed on this map and is to be used for reference purposes only. SEH does not warrant that the Geographic Information System (GIS) Data used to prepare this map are error free, and SEH does not represent that the GIS Data can be used for navigational, tracking, or any other purpose requiring exacting measurement of distance or direction or precision in the depiction of geographic features. The user of this map acknowledges that SEH shall not be liable for any damages which arise out of the user's access or use of data provided.

Path: \\s020-1\Projects\PT\GIS\Public\Common\ArcGIS 5-21-15\Cc Ditch 22 Crisp Side Analysis\01B\Fig 2 - NWI.mxd



**Legend**

**NWI Type**

- Type 1
- Type 2
- Type 3
- Type 4
- Type 5
- Type 6
- Type 7

County Ditch 22

Area of Investigation



3535 VADNAIS CENTER DR.  
ST. PAUL, MN 55110  
PHONE: (651) 490-2000  
FAX: (651) 908-0166  
TF: (800) 325-2055  
www.sehinc.com

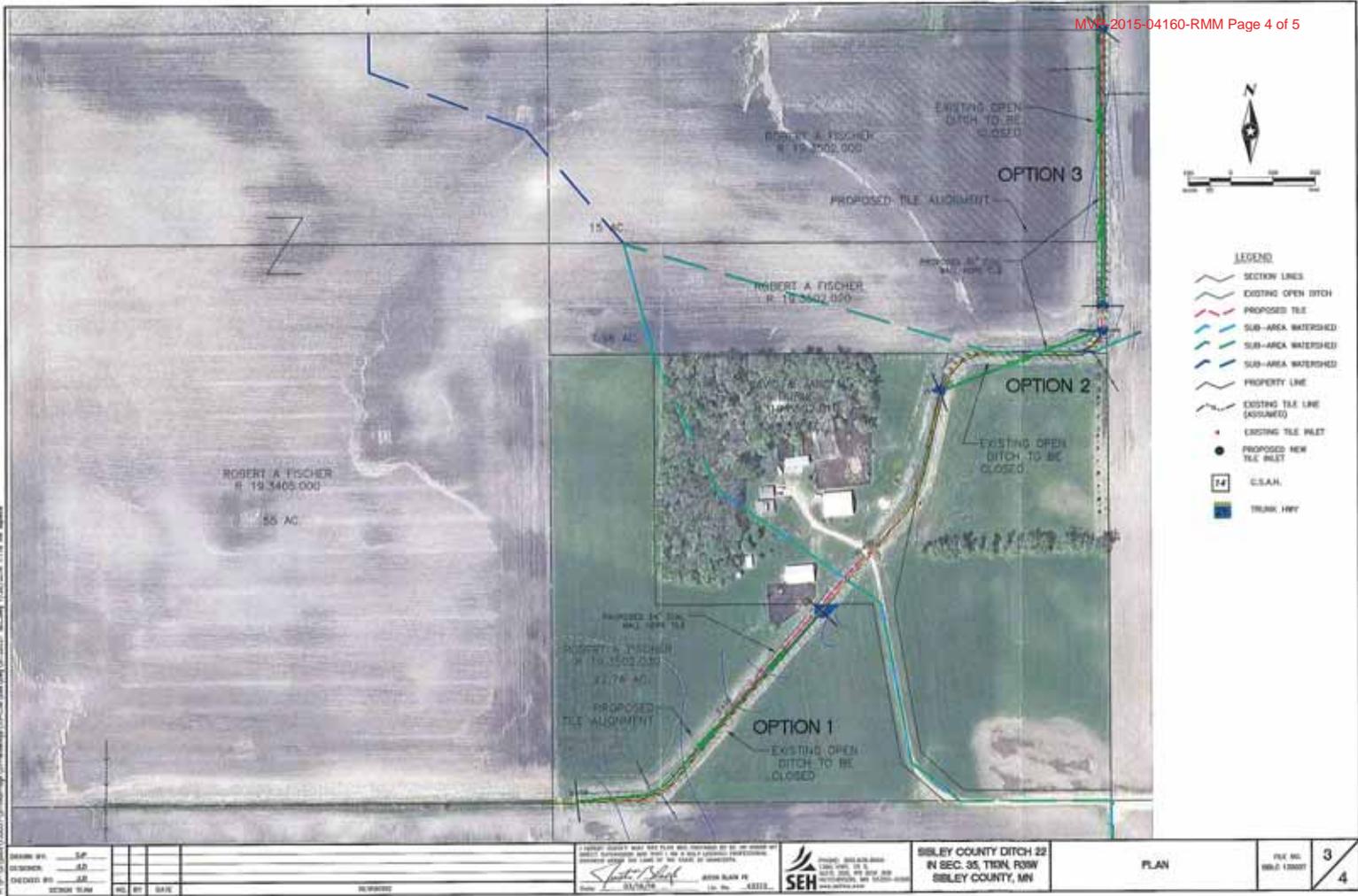
Project: SIBLC 132037  
Print Date: 6/12/2015  
Map by: rbeduhn  
Projection: UTM NAD 83 Zone 15N  
Source: SEH, USDA, NRCS, MNDNR  
USGS, ESRI

**NATIONAL WETLANDS INVENTORY**  
Sibley County Ditch 22 Wetland Determination  
Section 35; Township 113N; Range 31W

**Figure 2**

This map is neither a legally recorded map nor a survey map and is not intended to be used as one. This map is a compilation of records, information, and data gathered from various sources listed on this map and is to be used for reference purposes only. SEH does not warrant that the Geographic Information Systems (GIS) Data used to prepare this map are error free, and SEH does not represent that the GIS Data can be used for navigational, tracking, or any other purpose requiring exacting measurement of distance or direction or precision in the depiction of geographic features. The user of this map acknowledges that SEH shall not be liable for any damages which arise out of the user's access or use of data provided.





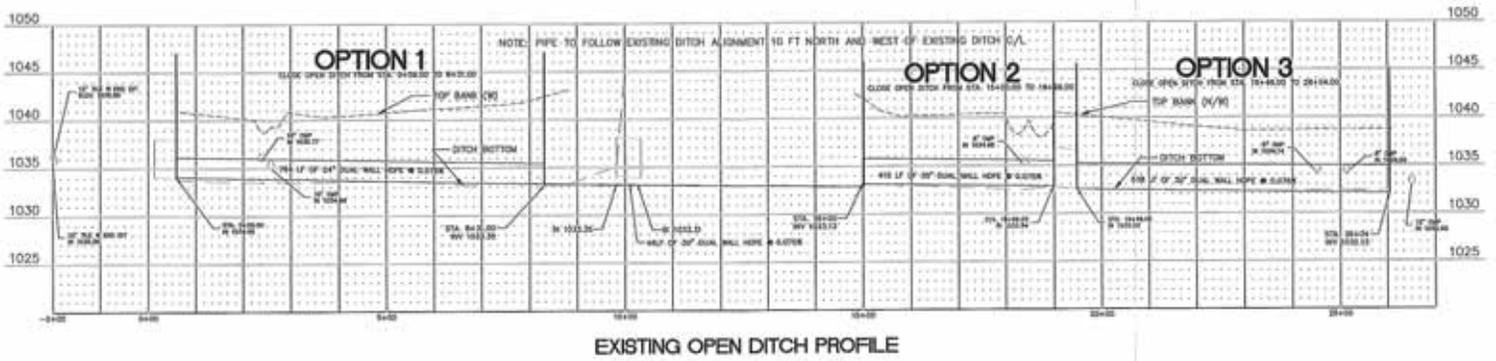
DRAWN BY: <u>SP</u>				
DESIGNED BY: <u>AR</u>				
CHECKED BY: <u>AR</u>				
SECTION NAME	NO.	BY	DATE	REVISIONS

SEH  
 Sibley County, MN  
 10/1/2015

SEH  
 Sibley County, MN  
 10/1/2015

SIBLEY COUNTY DITCH 22  
 IN SEC. 35, T18N, R35W  
 SIBLEY COUNTY, MN

PLAN	FILE NO. SIBL110001	3
		4



A:\Projects\2015\150001\150001.dwg (150001.dwg) 1/20/2015 11:18 AM

DRAWN BY: <u>MF</u> DESIGNER: <u>JE</u> CHECKED BY: <u>JS</u> DESIGN TEAM:    NO.    BY:    DATE:    REVISION:	I HEREBY CERTIFY THAT THE PLAN AND SPECIFICATIONS SET FORTH HEREIN WERE PREPARED AND THAT I AM A duly licensed PROFESSIONAL ENGINEER under the laws of the STATE OF MINNESOTA. <i>Signature</i> JOHN BLAKE JR. Lic. No. 43313	PHONE: 612-833-8888 FAX: 612-833-8888 2215 22ND AVE. SW AUTUMNDALE, MN 55120-4000 WWW.SEBERSON.COM	<b>SIBLEY COUNTY DITCH 22</b> IN SEC. 35, T30N, R30W SIBLEY COUNTY, MN	PROFILE	FILE NO. SIBL150001	4 4
---	--	--	--	---------	------------------------	--------