

## **Information for File # 2014-04038-TJH**

**Applicant:** Stevens County Highway Department

**Corps Contact:** Tom Hingsberger

**Address:** 180 E. 5<sup>th</sup> Street, Suite 700, St. Paul, Minnesota 55101-1638

**E-Mail:** [thomas.j.hingsberger@usace.army.mil](mailto:thomas.j.hingsberger@usace.army.mil)

**Phone:** (651) 290-5367

**Primary County:** Stevens County

**Sections:** 10, 11, 14, 15, 22, 23, 26, 27, 34, and 35

**Township:** 124N

**Range:** 41W

**Information Complete On:** October 24, 2014

**Posting Expires On:** December 5, 2014

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

This application is being reviewed in accordance with the practices for documenting Corps jurisdiction under Sections 9 & 10 of the Rivers and Harbor Act of 1899 and Section 404 of the Clean Water Act identified in Regulatory Guidance Letter 07-01. We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are regulated by the Corps of Engineers under Section 404 of the Clean Water Act. Our jurisdictional review could result in modifications to the scope of the project's regulated waterbody/wetland impacts and compensatory mitigation requirements identified above.

**Project Includes:** Road reconstruction to include widening, base reconstruction, culvert installations, and resurfacing.

**PROJECT DESCRIPTION AND PURPOSE:** The applicant proposes to discharge fill material into portions of eight wetland basins in conjunction the reconstruction of 4.8 miles of CSAH 1 north of the City of Hancock in Stevens County, Minnesota. The project is needed to meet current design standards and would consist of grading, culvert replacement, and bituminous resurfacing for the purpose of improving deficiencies in sight distance, roadway width, inslopes, culverts, and drainage.

NAME, AREA AND TYPES OF WATERS (INCLUDING WETLANDS) SUBJECT TO LOSS: Fill material would be discharged into eight wetland basins along the alignment of CSAH 1 at the locations shown on the attached drawings labeled 2014-04038-TJH, 1 of 4 through 4 of 4. The total area of wetland types and vegetative communities that would be filled is: 1.73 acres of Type 2 Fresh Wet Meadow wetlands; 1.71 acres of Type 3 Shallow Marsh wetlands; and 0.13 acre of Type 1 Seasonally-flooded wetlands. The project would result in the permanent loss of 3.57 acres of wetlands that are part of the tributary system of the Chippewa River.

ALTERNATIVES CONSIDERED: The applicant has indicated the no-action alternative and an overlay of the existing surface both fail to address roadway deficiencies. The preferred alternative utilizes the existing roadway which would be reconstructed and widened in accordance with current road construction standards. Two realignments (at Sta. 32 + 00 to Sta. 49 + 00, and at Sta. 63 + 50) are incorporated in the applicant's preferred alternative to minimize wetland impacts near Page Lake and Wetland No. 4.

COMPENSATORY MITIGATION: Compensatory mitigation for the permanent loss of 3.60 acres of wetlands would be provided via a wetland credit withdrawal from the BWSR Road Replacement Program.

**Drawings** See attached.

# MINNESOTA DEPARTMENT OF TRANSPORTATION

THE COUNTY OF STEVENS

## CONSTRUCTION PLAN FOR GRADING AND AGGREGATE BASE

LOCATED ON C.S.A.H. 1 BETWEEN T.H. 9 AND C.S.A.H. 10 (GEOGRAPHIC DESCRIPTION)  
 FROM 1573.21' N. AND 1054.95' W. OF SE SECTION CORNER OF SECTION 35, T124N, R41W TO NE SECTION CORNER OF SECTION 10, T124N, R41W (LEGAL DESCRIPTION)

STATE AID PROJ. NO. 075-601-030

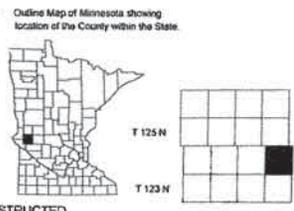
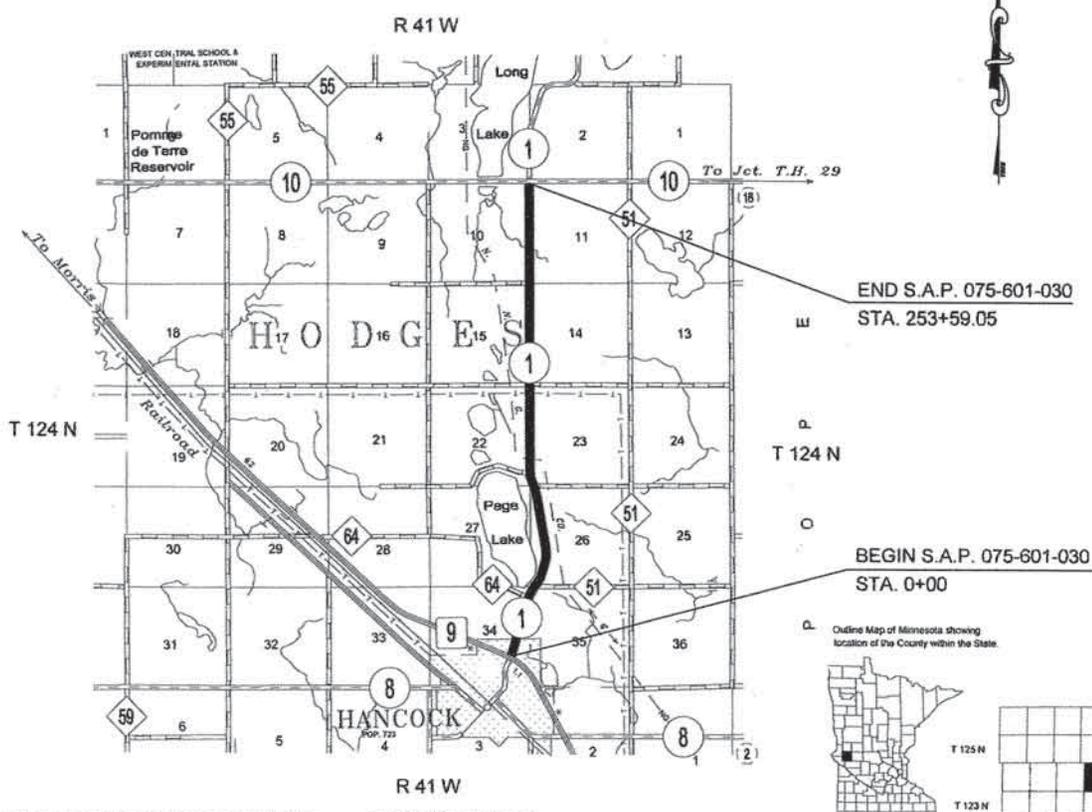
GROSS LENGTH	25359.05 ft	4.803 mi.
BRIDGES-LENGTH	0.00 ft	0.000 mi.
EXCEPTIONS-LENGTH	0.00 ft	0.000 mi.
NET LENGTH	25359.05 ft	4.803 mi.

### PLANS SYMBOLS

- RAILROAD
- RIVER
- CULVERT (EXIST)
- CULVERT (PROPOSED)
- DRAINAGE
- GUARD RAIL
- FENCE
- HEDGE
- R.R. CROSSING SIGN
- TREE
- CATCH BASIN (EXIST)
- CATCH BASIN (PROPOSED)
- HYDRANT (EXIST)
- HYDRANT (PROP)
- BUILDING (ONE STORY FRAME)
- OVERPASS
- UNDERPASS
- BRIDGE
- IRON PIPE
- MONUMENT
- WOODEN PILE
- BASEMENTS
- SECTION LINE
- CURB & GUTTER (EXIST)
- CURB & GUTTER (PROP)
- PROPOSED CONC.
- CONCRETE REMOVAL

### UTILITY SYMBOLS

- POWER POLE
- TELEPHONE
- ANCHOR
- STREET LIGHT
- PEDESTAL TELEPHONE CABLE TERMINAL
- GAS MAIN
- WATER MAIN (EXIST)
- WATER MAIN (PROP)
- BURIED TELEPHONE CABLE
- BURIED ELECTRIC CABLE
- SAW CENTER (EXIST)
- SAW CENTER (PROP)
- STORM SEWER (EXIST)
- STORM SEWER (PROP)
- MANHOLE (PROP)
- MANHOLE (EXIST)
- DATE VALVE (EXIST)
- DATE VALVE (PROP)
- CURB STOP (EXIST)
- CURB STOP (PROP)
- TRUCK CHAIN (PROP)



GRADING AND AGG. SURFACING WAS CONSTRUCTED UNDER PROJ. NO. SP 75-508-01 AND SP 75-508-02 IN 1948. BITUMINOUS SURFACING WAS CONSTRUCTED UNDER PROJ. NO. SP 75-609-03, S-6047 (6) AND SP 75-601-05, S-6047 (7) IN 1960.

A BITUMINOUS OVERLAY WAS CONSTRUCTED UNDER PROJ. NO. 75-601-19 IN 1978. A 2nd OVERLAY WAS CONSTRUCTED UNDER PROJ. NO. 75-601-24 IN 1994.



Figure 1

FED. PROJ. NO. \_\_\_\_\_  
 MINN. PROJ. NO. \_\_\_\_\_

### GOVERNING SPECIFICATIONS

THE 2014 EDITION OF THE MINNESOTA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR CONSTRUCTION" SHALL GOVERN.

### INDEX

SHEET	DESCRIPTION
1	TITLE SHEET
2	QUANTITIES, NOTES AND STANDARD PLATES
3	TYPICAL SECTIONS
4	TRAFFIC CONTROL
5-7	SWPPP
8-24	PLAN AND PROFILE
25-54	CROSS SECTIONS

THIS PLAN CONTAINS 54 SHEETS

### DESIGN DESIGNATION

Pres. ADT	784 (2015)
Proj ADT	1032 (2035)
R Value	NA (R18) NA
Design	10 Ton Rural Design Future
Soil Factor	130%
Shoulder Wdh	7' Future
Grade In	Under
Functional Classification	Major Collector
No. Of Traffic Lanes	2-12 R
No. Of Parking Lanes	
Design Speed	50 mph STA. 0+00 TO STA. 253+59.05
Design Speed	mph
Based on	STOPPING Sight Distance
Height of eye	3.5 ft
Height of object	2.0 ft
Design Speed not achieved at:	
STA. _____ TO STA. _____	mph
STA. _____ TO STA. _____	mph
STA. _____ TO STA. _____	mph

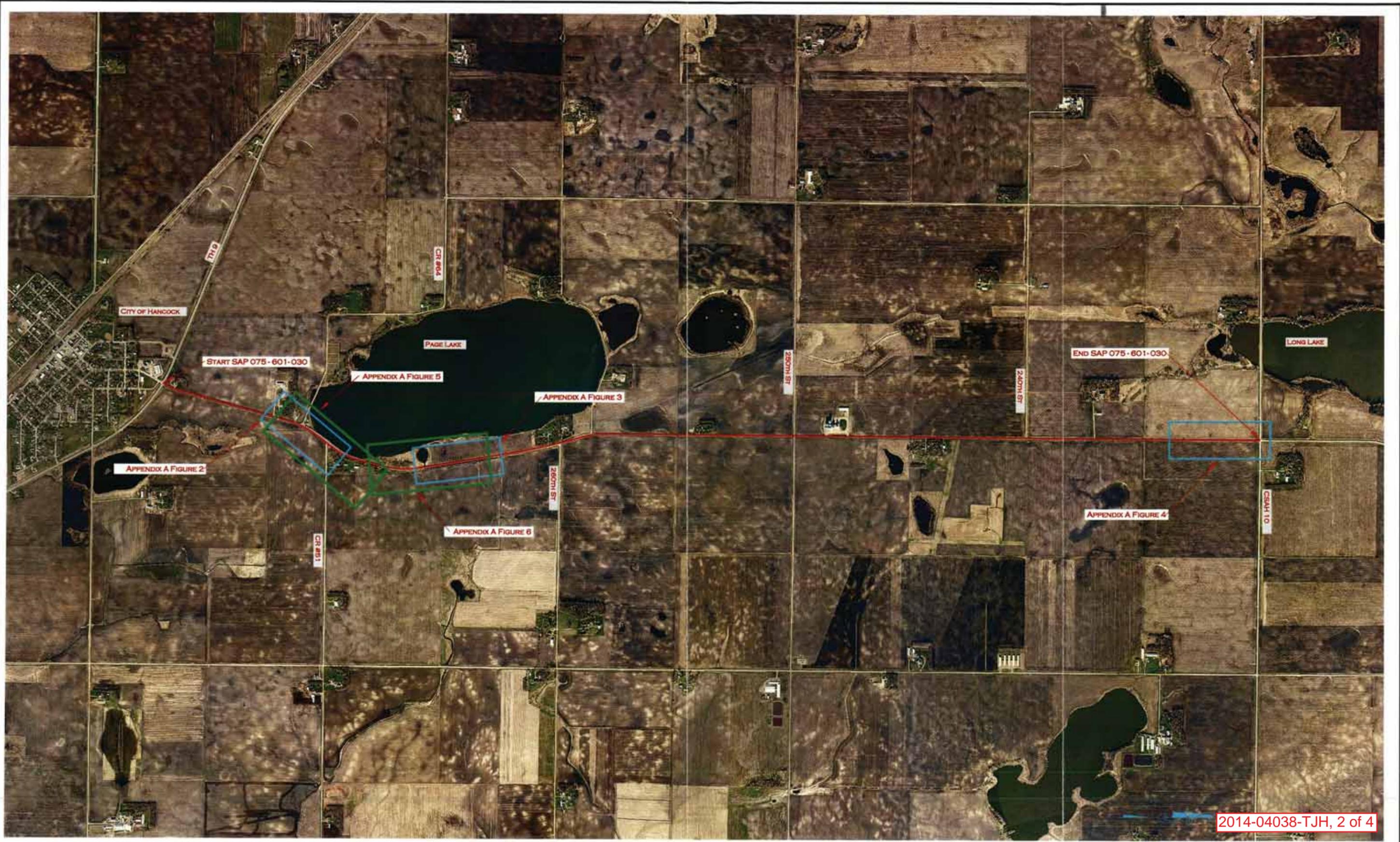
### ENGINEERS CERTIFICATION

I HEREBY CERTIFY THAT THIS PLAN 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.

BRAND J. GIESE, COUNTY ENGINEER	DATE _____
<b>STEVENS</b>	COUNTY LIC. NO. <b>42353</b>
DISTRICT STATE AID ENGINEER: Reviewed for Compliance with State Aid Rules/Policy	DATE _____
STATE AID ENGINEER: Approved For State Aid Funding	DATE _____

STATE AID PROJ. NO. 075-601-030  
 STATE PROJ. NO. \_\_\_\_\_ SHEET NO. 1 OF 54 SHEETS

2014-04038-TJH, 1 of 4



2014-04038-TJH, 2 of 4

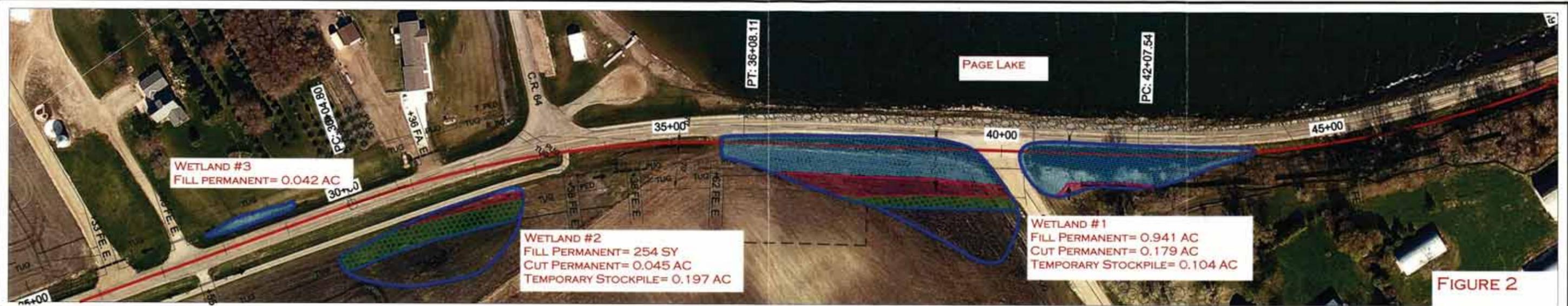


FIGURE 2

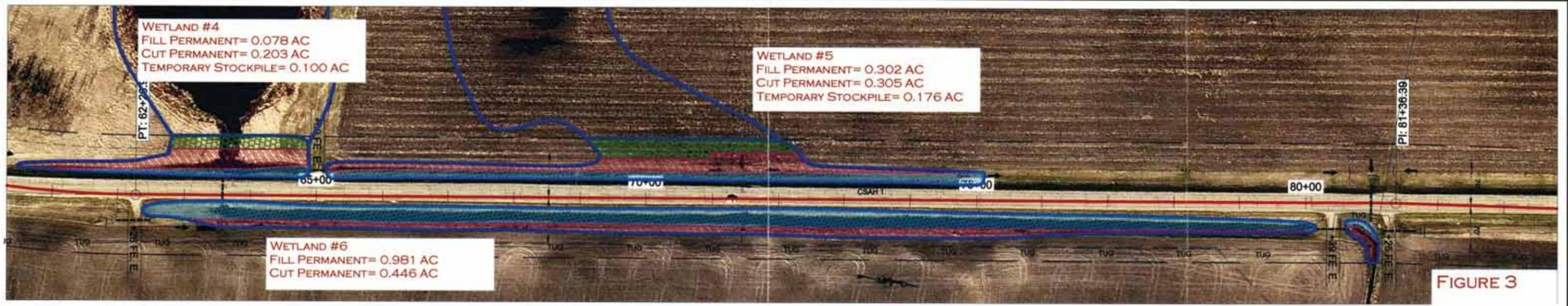


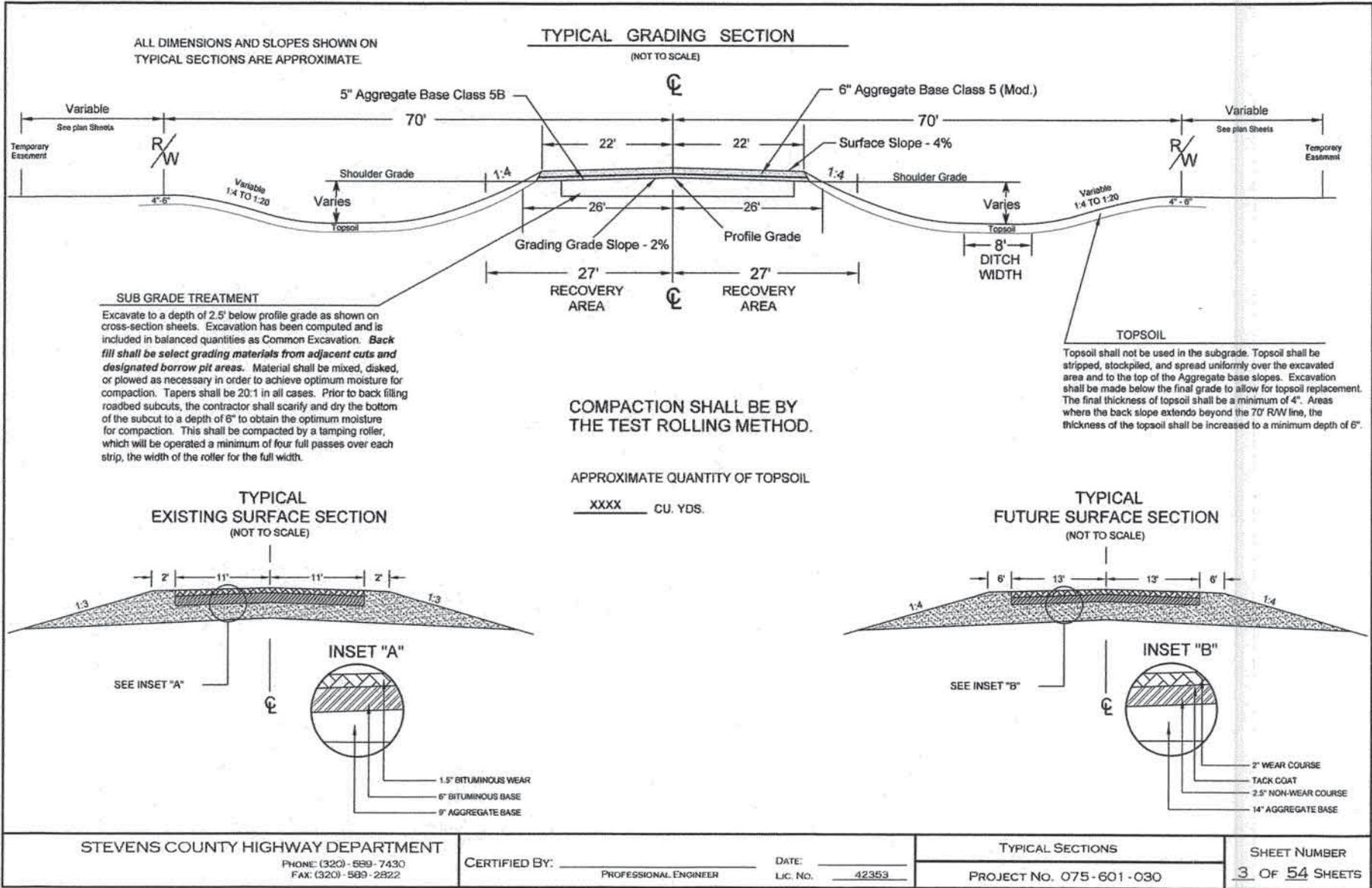
FIGURE 3



FIGURE 4

2014-04038-TJH, 3 of 4

Figure 2



STEVENS COUNTY HIGHWAY DEPARTMENT  
PHONE: (320) - 589 - 7430  
FAX: (320) - 589 - 2822

CERTIFIED BY: \_\_\_\_\_  
PROFESSIONAL ENGINEER

DATE: \_\_\_\_\_  
L.C. No. 42353

TYPICAL SECTIONS  
PROJECT No. 075-601-030

SHEET NUMBER  
3 OF 54 SHEETS