

## Information for File #2013-00259-CLJ

**Applicant:** Tim Erikson, Lake of the Woods County Highway Department  
**Corps Contact:** Craig L. Jarnot  
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**Phone:** (218) 444-6381  
**Primary County :** Lake of the Woods  
**Sec/Township/Range:** NE corner of Sec. 24, T. 159N., R. 31W. to NW corner of Sec 24, T. 159N., R. 31W.  
**Information Complete On:** February 1, 2013  
**Posting Expires On:** May 3, 2013  
**Authorization Type:** LOP-05-MN (A)

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 (CWA) 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. The jurisdictional review determines the scope of the projects regulated impacts and compensatory mitigation requirements.

**PROJECT PURPOSE & NEED:** The purpose of the project is to reconstruct approximately 4,325 linear feet of County Road (CR) 374 to provide access to an aggregate resource (quarry) being developed by Mark Sand and Gravel. The existing roadway conditions will not allow for larger vehicle and equipment to access the quarry location. CR 374 will be built to specifications outlined in the Lake of the Woods Unorganized Township Road Construction Policy.

**PROJECT DESCRIPTION:** CR 374 will be built to the design standards outlined in Lake of the Woods' Unorganized Township Road Construction Policy which include two 11-foot driving lanes and 3:1 (H:V) inslopes. There are existing roadside ditches along the eastern  $\frac{3}{4}$  portion of the road. Reconstruction will include only building up the existing road grade and the ditches will not be deepened or widened. The western  $\frac{1}{4}$  portion of the road has no roadside ditches. Brush will be cleared from the roadway along this portion and fill will be placed on top of the existing grade. No ditches will be excavated along the western  $\frac{1}{4}$  of the roadway.

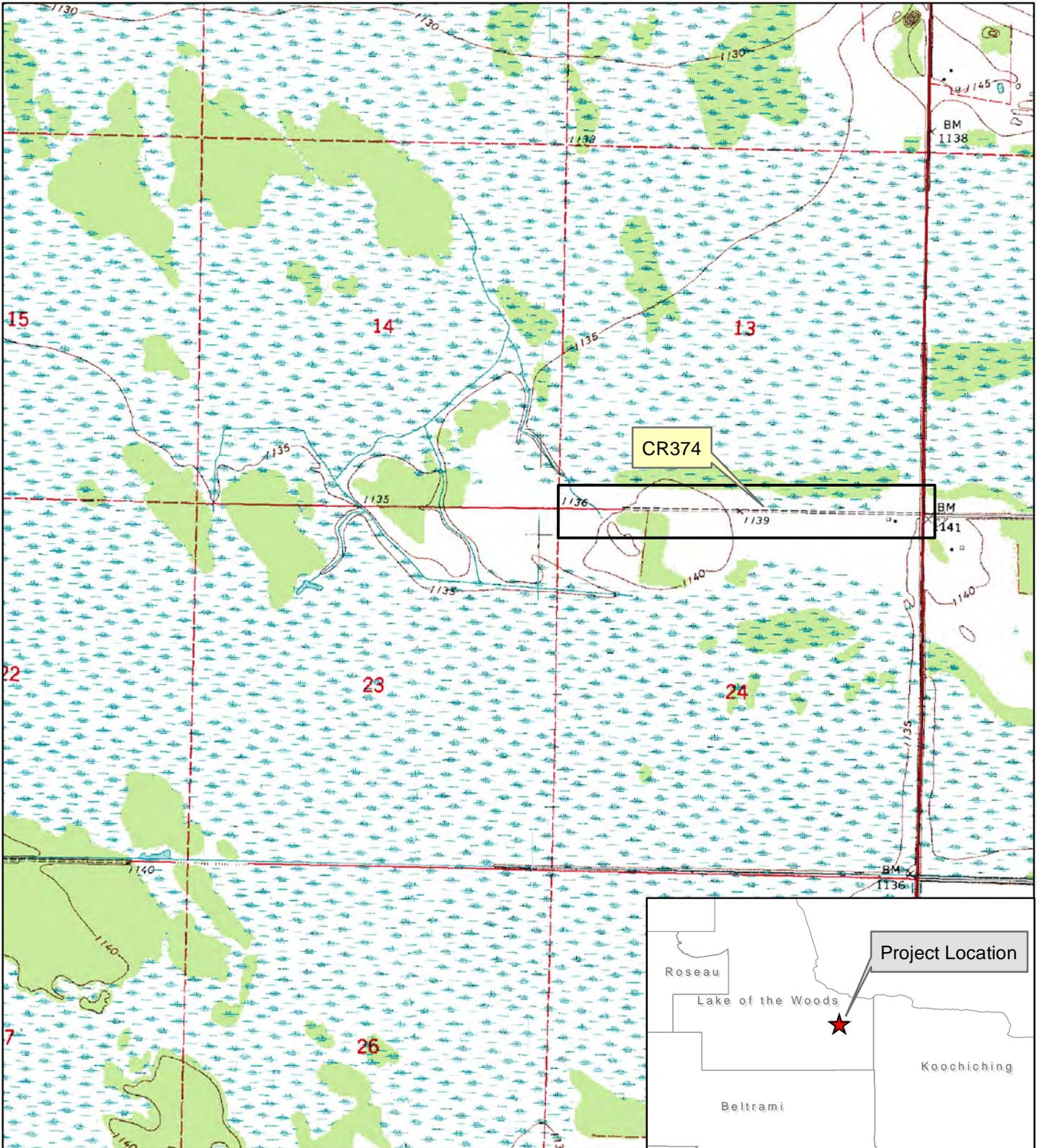
**CONNECTED ACTIONS:** As is stated above, reconstruction of CR 374 is proposed to provide access to a rock outcrop which is proposed to be developed into a quarry by Mark Sand and Gravel. The quarry requires a CWA Section 404 authorization and is being reviewed under the Letter of Permission procedures. The quarry proposal has been assigned Regulatory number **2012-00631-CLJ**.

**NAME, AREA AND TYPES OF WATERS (INCLUDING WETLANDS) SUBJECT TO LOSS:** The project would result in a total of 1.15 acres of permanent impacts to wetlands including 0.66 acres of fresh wet meadow (Type 2) wetland and 0.49 acres of shrub-carr (Type 6) wetland.

**ALTERNATIVES CONSIDERED:** The no-build alternative would avoid all impacts to wetlands; however, the no-build alternative was dismissed as it would not meet the project purpose to improve road conditions to allow for heavy machinery and large vehicles to access the proposed quarry site.

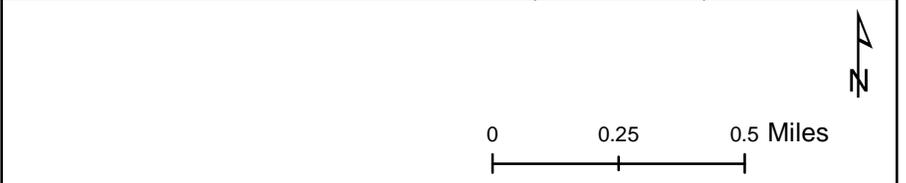
**COMPENSATORY MITIGATION:** The applicant has proposed compensatory mitigation for the 1.15 acres of impact to wetlands through the Minnesota Board of Soil and Water Resources (BWSR) Road Replacement Program.

**Drawings:** 2013-00259-CLJ LOP Notice 1 of 8 through 8 of 8. See attached



Map Source: USGS 24K topo, MN GEO, WMS server

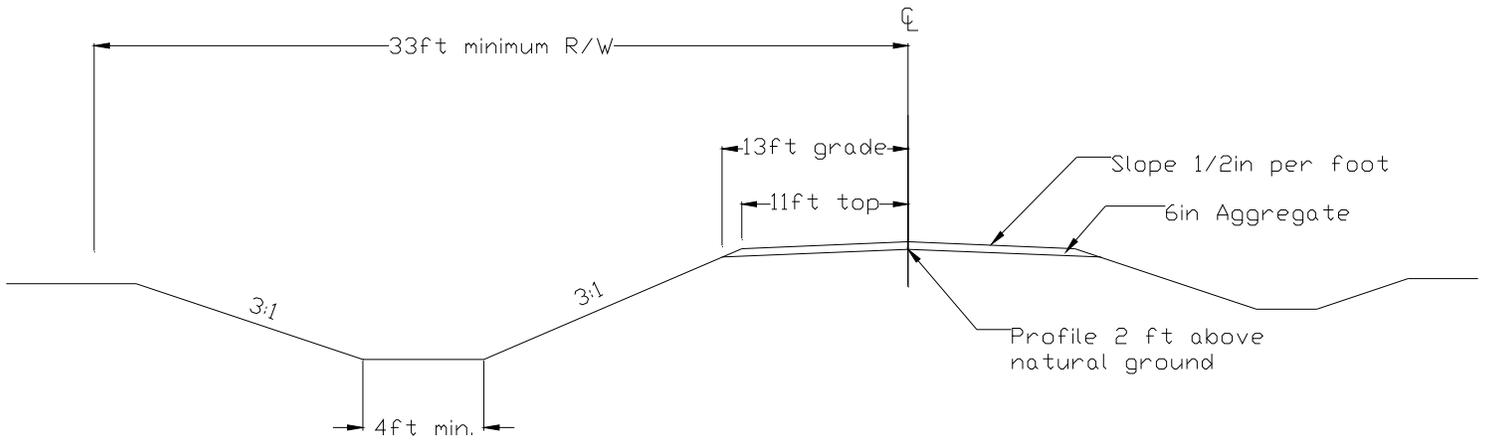
Lake of the Woods County, MN  
 CR374 rehabilitation Project  
 T159N, R31W, Sec 23 & 24



CR374  
 Map Created By: RP  
 December 2012

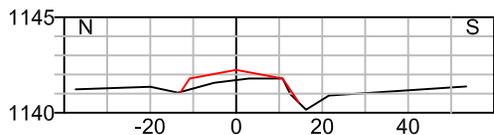
**Figure 1: Site Location Map**

# TYPICAL SECTION

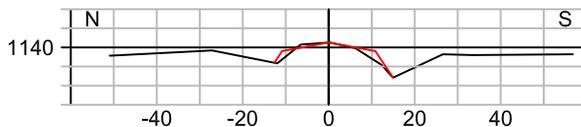


\_\_\_\_\_ EXISTING CROSS-SECTIONS TAKEN FROM 9-13-2012 SURVEY  
 \_\_\_\_\_ PROPOSED TYPICAL SECTION

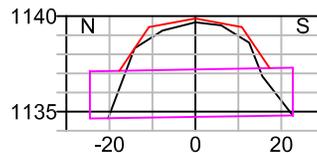
12+53



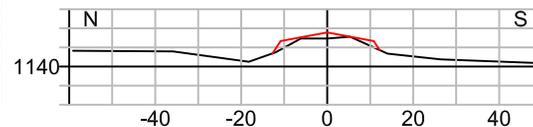
23+47



29+66

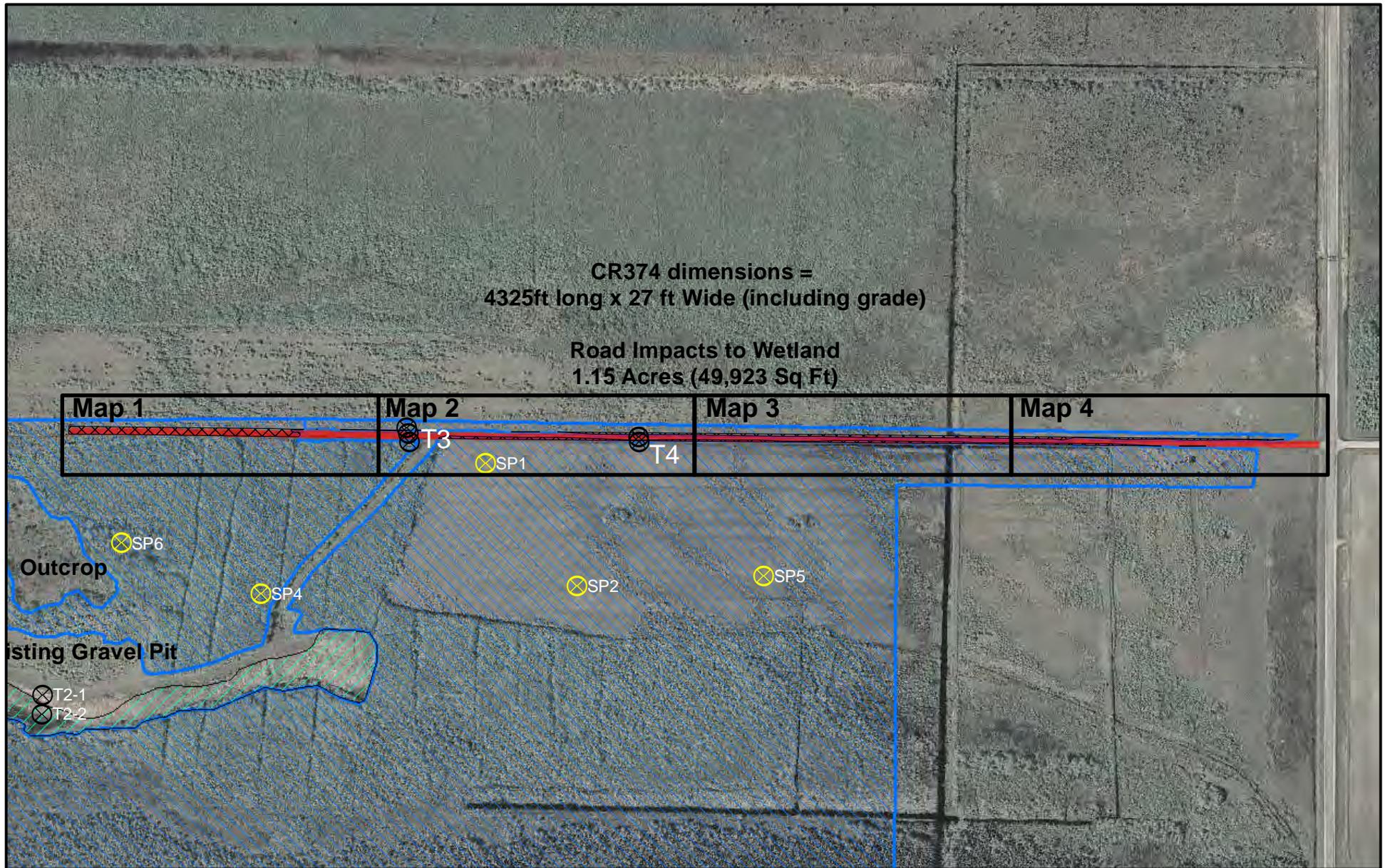


40+95



REPLACE EXISTING 24" X 40' CMP  
 WITH NEW 30" X 48' CMP





Lake of the Woods County, MN  
CR374 rehabilitation Project  
T159N, R31W, Sec 24

### Figure A: Map Overview

- Sample Point
- Transect
- TWP\_Rd\_wetland\_segments
- TWP\_rd\_27ftCorridor
- Excavated
- Wetland



CR374  
Map Created By: RP  
February 2013





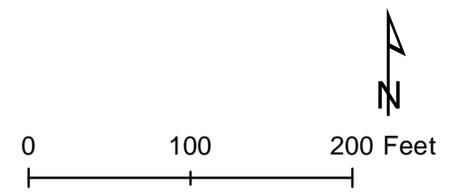
Lake of the Woods County, MN  
 CR374 rehabilitation Project  
 T159N, R31W, Sec 24

**Figure B1: Map 1 - Detail of Wetlands within 27 ft Road Corridor**

-  Sample Point
-  Transect
-  TWP\_Rd\_wetland\_segments
-  TWP\_rd\_27ftCorridor
-  Excavated
-  Wetland



CR374  
 Map Created By: RP  
 February 2013





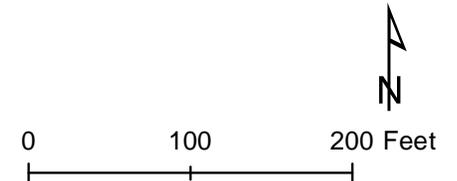
Lake of the Woods County, MN  
 CR374 rehabilitation Project  
 T159N, R31W, Sec 24

**Figure B2: Map 2 - Detail of Wetlands within 27 ft Road Corridor**

-  Sample Point
-  Transect
-  TWP\_Rd\_wetland\_segments
-  TWP\_rd\_27ftCorridor
-  Excavated
-  Wetland



CR374  
 Map Created By: RP  
 February 2013





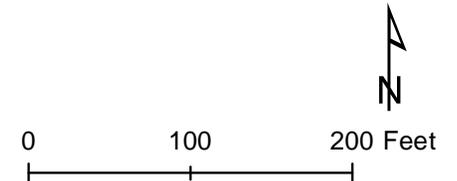
Lake of the Woods County, MN  
 CR374 rehabilitation Project  
 T159N, R31W, Sec 24

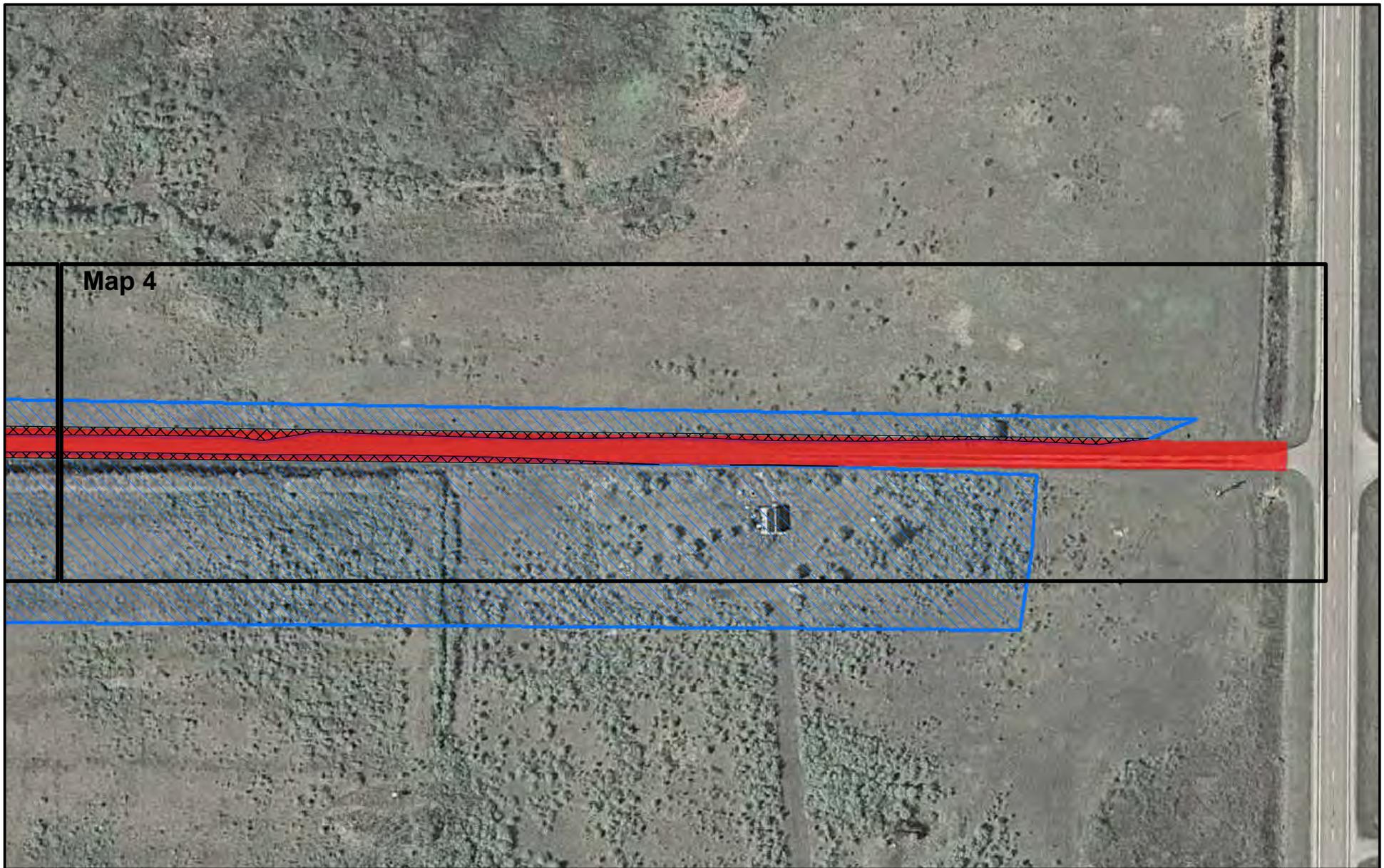
**Figure B3: Map 3 - Detail of Wetlands within 27 ft Road Corridor**

-  Sample Point
-  Transect
-  TWP\_Rd\_wetland\_segments
-  TWP\_rd\_27ftCorridor
-  Excavated
-  Wetland



CR374  
 Map Created By: RP  
 February 2013





Map 4

Lake of the Woods County, MN  
 CR374 rehabilitation Project  
 T159N, R31W, Sec 24

**Figure B4: Map 4 - Detail of Wetlands within 27 ft Road Corridor**

-  Sample Point
-  TWP\_Rd\_wetland\_segments
-  TWP\_rd\_27ftCorridor
-  Excavated
-  Wetland



CR374  
 Map Created By: RP  
 February 2013

