

# Information for File # 2014-01759-ARC

**Applicant** David Banta – Carlton County Transportation Dept.  
**Corps Contact** Andrew Chambers  
**Address** 600 South Lake Avenue, Suite 211  
**E-Mail** Andrew.r.chambers@usace.army.mil  
**Phone** 218-720-5291 Ext. 3  
**Primary County** Carlton  
**Section** 17, 18, 19, 20  
**Township** 46  
**Range** 19

**Information Complete On May 27, 2015**

**Posting Expires On August 24, 2015**

**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 and final jurisdictional determination could result in modifications to the scope of the project's regulated waterbody/wetland impacts and compensatory mitigation requirements identified above. An approved jurisdictional determination will be made prior to reaching a permit decision, and will be posted on the St. Paul District web page at <http://www.mvp.usace.army.mil/>.

## **PROJECT DESCRIPTION AND PURPOSE:**

Carlton County Transportation Department is proposing to make safety improvements on County State Aid Highway 12 (CSAH 12) by widening and correcting steep in-slopes in order to meet state aid standards. CSAH 12 currently has narrow shoulders and in some locations no shoulders, and the recovery zone, in-slopes, are a safety concern. The improved road would have 1:4 in-slopes, 12' driving lanes, and 4' gravel shoulders.

CSAH 12 is very frequently used, average daily traffic count of 355, and is in close proximity to the City of Moose Lake with numerous private driveways.

## **NAME, AREA AND TYPES OF WATERS (INCLUDING WETLANDS) SUBJECT TO LOSS:**

The wetland impact on the CSAH 12 improvement site involves the discharge of fill into 0.74 acres of Type 1 seasonally flooded basin, Type 2 wet meadow, Type 3 shallow marsh, and Type 6 shrub swamp wetlands adjacent to an unnamed tributary to Moose Horn River.

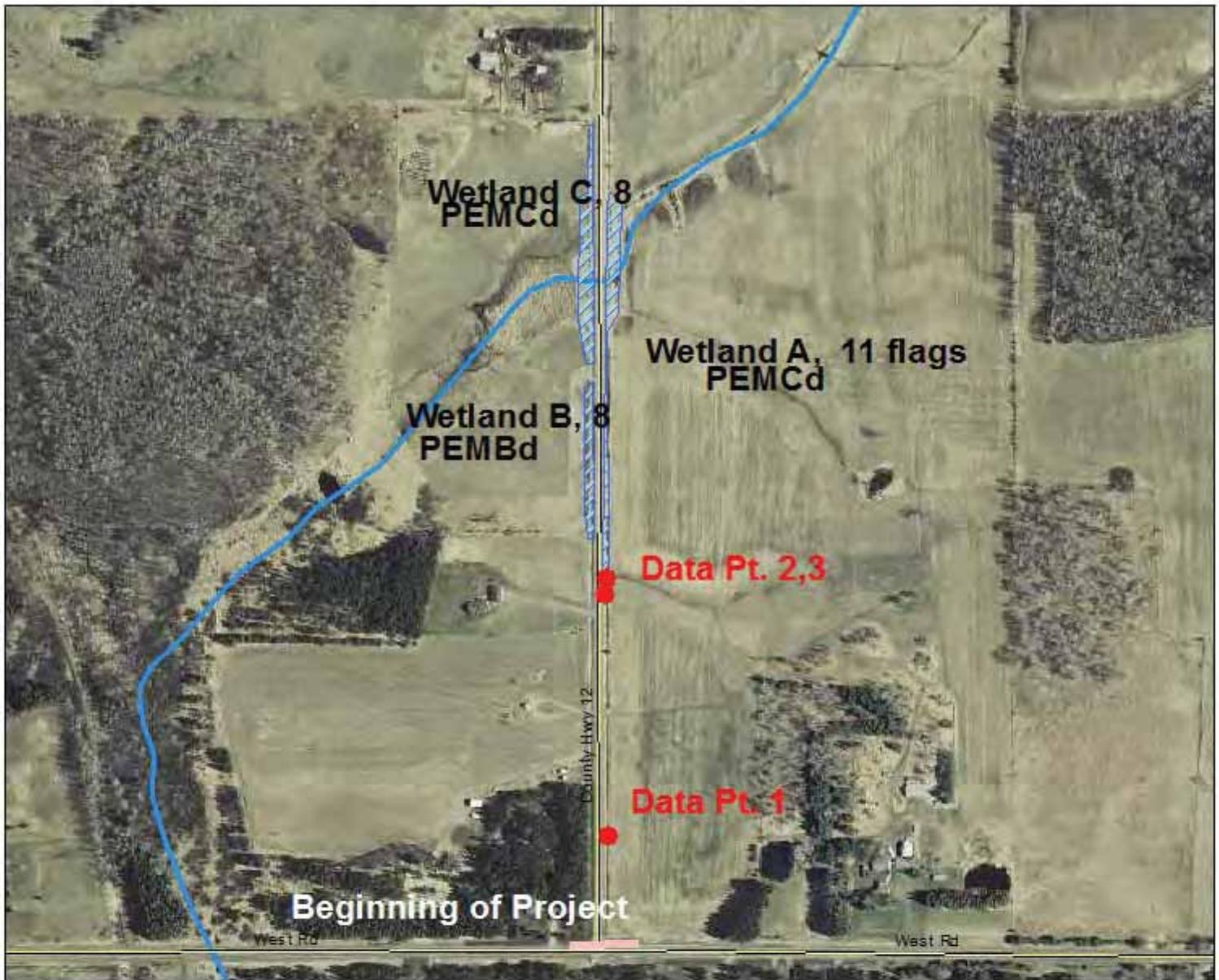
**ALTERNATIVES CONSIDERED:**

The applicant has proposed slight alterations of the roadway to lessen the impact to wetlands. Wetland impacts were soon found to be unavoidable due to the balance of wetlands on either side of the roadway. The no build alternative would leave in place a sub standard roadway with safety concerns to the public.

**COMPENSATORY MITIGATION:**

The Carlton County Transportation Department has proposed to mitigate wetland impacts through the local road replacement program and the impacts are located in the Kettle River Watershed in Bank Service Area 6. Approximately 0.32 acres of impact would occur in upland ditches that would be relocated, and approximately 0.42 acres of impact would occur in extending wetlands and would require compensatory mitigation.

**Drawings**     See attached.

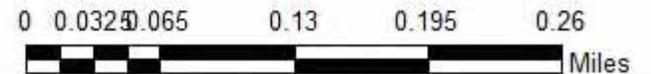


17,18,19,29; T. 46N, R. 19W

CSAH12, #1 (South Section)  
Wetland Map, Types  
(Size and location approximate)



Wetland



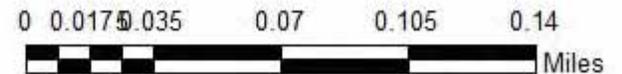


17,18,19,29; T. 46N, R. 19W

CSAH12, #2 (Central Section)  
Wetland Map, Types  
(Size and location approximate)



Wetland



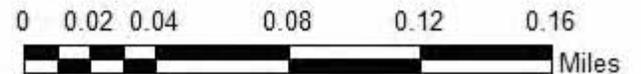


17,18,19,29; T. 46N, R. 19W

CSAH12, #3 (Northern Section)  
Wetland Map, Types  
(Size and location approximate)



Wetland





WETLAND "A"  
TYPE 3 - (SHALLOW MARSH)  
IMPACT AREA= 5,544 S.F.

207-00

208-00

209-00

210-00

211-00

212-00

213-00

214-00

215-00

216-00

217-00

218-00

219-00

220-00

221-00

WETLAND "C"  
TYPE 3 - (SHALLOW MARSH)  
IMPACT AREA= 3,512 S.F.

WETLAND "B"  
TYPE 2 - (WET MEADOW)  
IMPACT AREA= 2,342 S.F.



WETLAND "N"  
TYPE 6-(SHRUB-CARR)  
IMPACT AREA= 1,110 S.F.

WETLAND "M"  
TYPE 1-(SEASONALLY FLOODED BASIN)  
IMPACT AREA= 369 S.F.

WETLAND "K"  
TYPE 2-(WET MEADOW)  
IMPACT AREA= 834 S.F.

WETLAND "H"  
TYPE 6-(SHRUB-CARR)  
IMPACT AREA= 754 S.F.

178+00

179+00

180+00

181+00

182+00

183+00

184+00

185+00

186+00

187+00

188+00

189+00

190+00

191+00

WETLAND "O"  
TYPE 6-(SHRUB-CARR)  
IMPACT AREA= 3,412 S.F.

WETLAND "L"  
TYPE 1-(SEASONALLY FLOODED BASIN)  
IMPACT AREA= 869 S.F.

WETLAND "J"  
TYPE 1-(SEASONALLY FLOODED BASIN)  
IMPACT AREA= 817 S.F.

WETLAND "T"  
TYPE 6-(SHRUB-CARR)  
IMPACT AREA= 3,552 S.F.

Revised 5/27/2015

CSAH 12 Improvement

