

Information for File # 2016-00301-MJB

Applicant	MN DNR – Parks & Trails
Corps Contact	Meghan Brown
Address	1114 South Oak Street, La Crescent, MN 55947
E-Mail	Meghan.J.Brown@usace.army.mil
Phone	651-290-5688
Primary County	Fillmore
Section	19
Township	104 North
Range	8 West
Latitude (NAD83)	43.792025
Longitude (NAD83)	-91.833908
Information Complete On	22 February 2016
Posting Expires On	14 March 2016
Authorization Type	LOP-05-MN

This application is being reviewed in accordance with current practices for documenting Corps jurisdiction under Section 404 of the Clean Water Act.

We have made a preliminary determination that the aquatic resources that would be impacted by the proposed project are subject to Corps of Engineers jurisdiction under 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 and Purpose (per applicant):

The proposed project consists of excavating 530 cubic yards of sediment from 135 linear feet (0.08 acre) of an unnamed creek (PWI No. M-009-018.5), a perennial tributary to the Root River, and discharging dredged sediment, riprap, an erosion control blanket, and a turf reinforcement blanket below the ordinary high water mark of 185 linear feet (0.08 acre) of the same unnamed creek for the purpose of re-establishing the former channel alignment and to align the stream with the existing trail bridge. The excavated area will be seeded with a turf reinforcement mat installed. The excavated material will be used along the 185 linear feet of the stream to shape and stabilize the slopes. The fill material placed along the stream bank will be covered with an erosion control blanket and riprap to further stabilize and maintain the stream bank. The project would effectively move the center of the channel approximately 1 foot on the northern end, 25 feet in the center portion, and 10 feet on the southern end, within the project area, back to the previous alignment of the stream.

The purpose of the project is to provide bank stabilization for erosion control and to better align the stream with the existing trail bridge. The project is needed as accumulated sediment has

caused the channel to realign, impacting the Root River State Trail Bridge RR036. The project would prevent the bridge and Root River State Trail from potentially being undermined by the moving channel.

State Designated Trout Stream:

The unnamed creek (PWI No. M-009-018.5) is not a designated trout stream.

State Listed Impaired (Section 303(d)) Waters:

The Root River, which is 217 feet downstream of the unnamed creek is a listed 303(d) stream for aquatic macroinvertebrate bioassessments, mercury in fish tissue, and turbidity.

Name, Area, and Types of Waters Subject to Loss:

The project would result in the discharge of dredged material below the plane of the ordinary high water mark of approximately 185 linear feet (0.08 acre) of the unnamed creek (M-009-018.5), a perennial stream and tributary to the Root River.

Alternative Considered (per applicant):

1. The applicant considered the “No Action” alternative but this would not address the eroding stream bank and could cause the bridge to fail and the trail to be undermined from the actively moving channel.
2. The applicant considered not moving the channel back to its prior alignment and to only install riprap and an erosion control blanket but this would not allow the channel to be appropriately aligned to the bridge, which is needed in order to protect from future damage, protect trail users, and to stabilize the stream.

Federally Listed Threatened and Endangered Species:

The northern long-eared bat (threatened), and Leedy’s roseroot (threatened) can be found in Fillmore County, Minnesota.

Historic Properties:

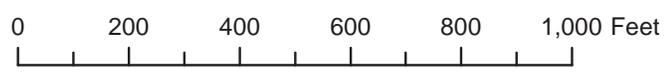
The latest version of the National Register of Historic Places has been consulted and no listed properties (known to be eligible for inclusion, or included in the Register) are located in the project area.

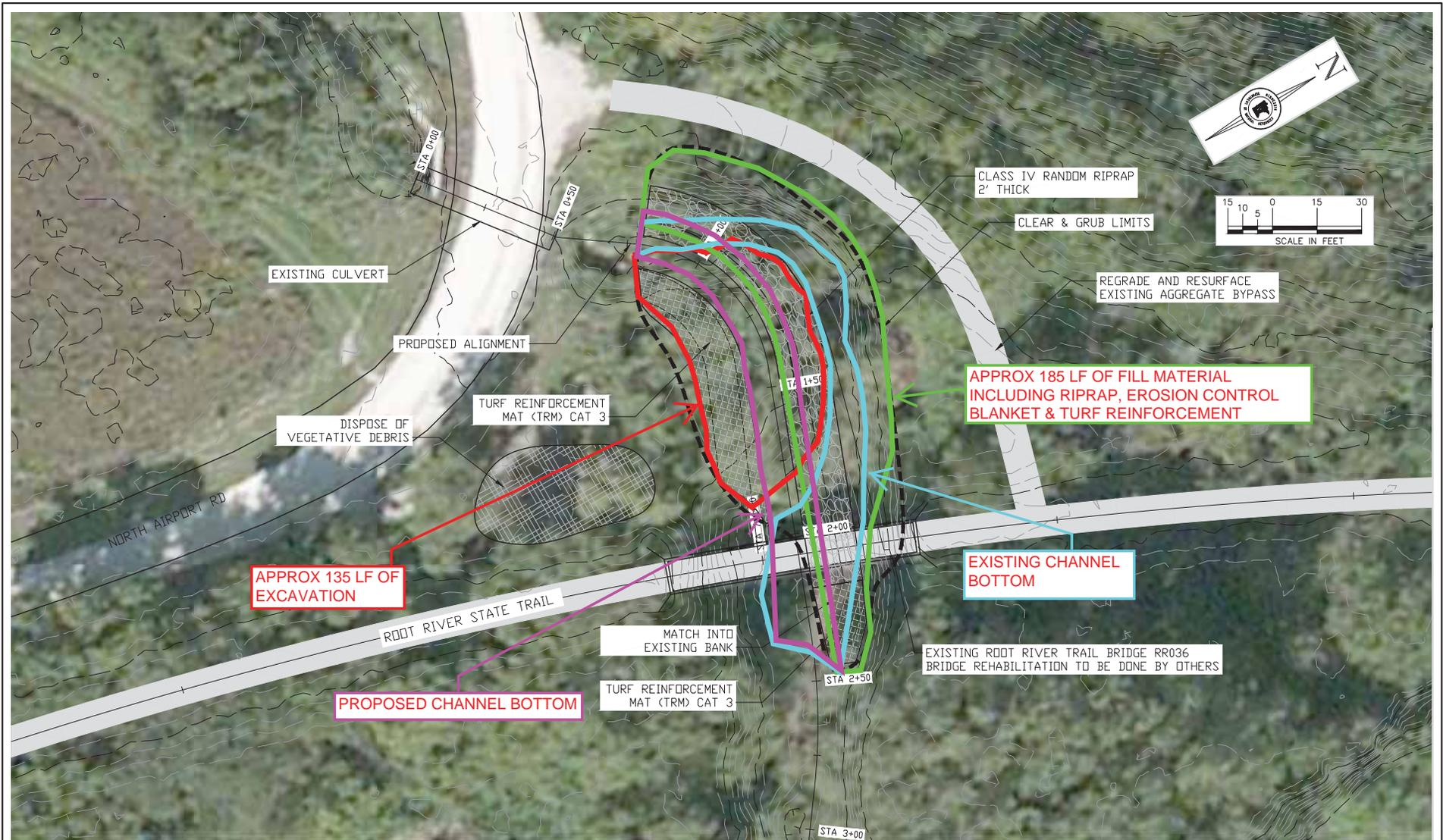
Compensatory Mitigation: The applicant has not proposed compensatory mitigation for the project.

Drawings: Please see enclosed drawings labeled: MVP-2016-00301-MJB Drawing 1 of 2 through Drawing 2 of 2.



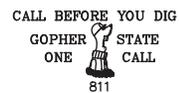
Channel Re-establishment of seasonal stream (Pont "A")
Root River State Trail near Peterson, MN
Fillmore County T104 R8 Sec. 19
UTM: 593820/4849425
Lat/Long: 43.79194/-91.83389





CONSTRUCTION NOTES:

1. ALL DISTURBED AREAS SHALL BE SEEDED WITH MNDOT MIX 32-241 (NATIVE CONSTRUCTION)
2. PLACE CAT 3 EROSION CONTROL BLANKET ON ALL SLOPES 3:1 AND STEEPER.
3. ALL EXCESS AND UNSUITABLE MATERIAL SHALL BE HAULED OFF SITE (INCIDENTAL TO THE UNIT COST FOR EXCAVATION)



I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT 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.

NAME _____
 DATE 03/05/2016 LIC. NO. 26381

OPERATIONS SERVICES DIVISION	
Designed	FEB 2016
Drawn	T. STAM
Checked	T. STAM
Prepared	MAR 2016
Reviewed	T. REICHL
Assumed	NOT ASSUMED

MINNESOTA DEPARTMENT OF NATURAL RESOURCES	
PARKS AND TRAIL	
BANK STABILIZATION SITE PLAN	
ROOT RIVER STATE TRAIL	
PETERSON TO RUSHFORD	
NEAR FILLMORE	
Scale	1" = MULTIPLE
Revised	1" = MULTIPLE
File No.	1" = MULTIPLE
Sheet No.	81172
Project No.	TRA.00730.06.00.54
Page No.	SB