

Information for File # 2009-05292-LED

Applicant	Minnesota Department of Natural Resources
Corps Contact	Leslie Day
Address	600 Lake Avenue South, Suite 211 Duluth, Minnesota 55802
E-Mail	leslie.e.day@usace.army.mil
Phone	(218) 720-5291
Primary County	St. Louis County
Section	Sections 15 and 16
Township	T. 58N.
Range	R. 17W.
Information Complete On	September 3, 2014
Posting Expires On	September 18, 2014
Authorization Type	Letter of Permission – 05 – Minnesota

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

Project Description and Purpose:

The Minnesota Department of Natural Resources (DNR) has proposed to develop an 2,500-acre property owned by the DNR within the City of Virginia as an expansion of the Iron Range Off-Highway Recreation Area (IROHVRA) in Gilbert, Minnesota. The project would involve the construction of a 11.5-mile long core trail system for OHV use on the proposed property, and the construction of a 1.5-mile-long connector trail to the

existing IROHVRA in Gilbert. Trails would be constructed with a 16-20-foot tread width through uplands and a 12-foot tread width through wetlands.

The basic purpose of the project is recreation. The overall project purpose is to create Off-Highway Vehicle (OHV) recreation opportunities in the City of Virginia. The project involves the discharge of dredged and fill material in the Pike River and wetlands adjacent to the Pike River for the construction of core and connector trails.

Project Involves:

The project would result in the loss of some terrestrial habitat (primarily forested habitat) for a variety of wildlife, including the Canada lynx, a federally-listed threatened species. This species could use the area as a travel corridor, for hunting, feeding, resting, or raising young.

The project is located within the 1854 Ceded Territory as determined by the Treaty of 1854.

Name, Area and Types of Waters (including wetlands) Subject to Loss:

A wetland delineation report of the 11.5-mile long by 50-foot-wide core trail corridor system within the 2,704-acre property was completed by MSA in 2013 and field verified by the Corps on September 27, 2013. A wetland delineation report of the 1.5-mile long corridor for the proposed trail connecting the existing IROHVRA with the proposed expansion property was completed by the DNR and field verified by the Corps during the summer of 2013. The project would result in work in approximately 2.62 acres of waters of the United States including wetlands and the Pike River for the construction of the core trails.

Compensatory Mitigation:

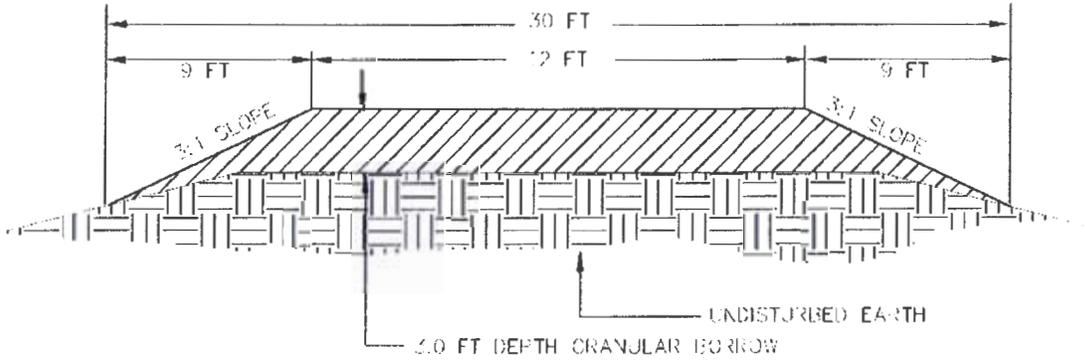
Compensatory mitigation for the approximately 2.62 acres of permanent wetland impacts would be required for the project under Section 404 of the Clean Water Act. As compensation for these permanent impacts to wetlands abutting and adjacent to Pike River (Bank Service Areas 1 & 2), the applicant is proposing to debit credits from a Corps approved Wetland Mitigation Road Bank in BSA 2. A majority of the impacts requiring compensation would occur within BSA 2, with a minority occurring in BSA 1. Therefore, the applicant has proposed that they be allowed to enter into a single purchase agreement for the purchase of all credits from a Corps approved bank in BSA 2.

Drawings See attached.

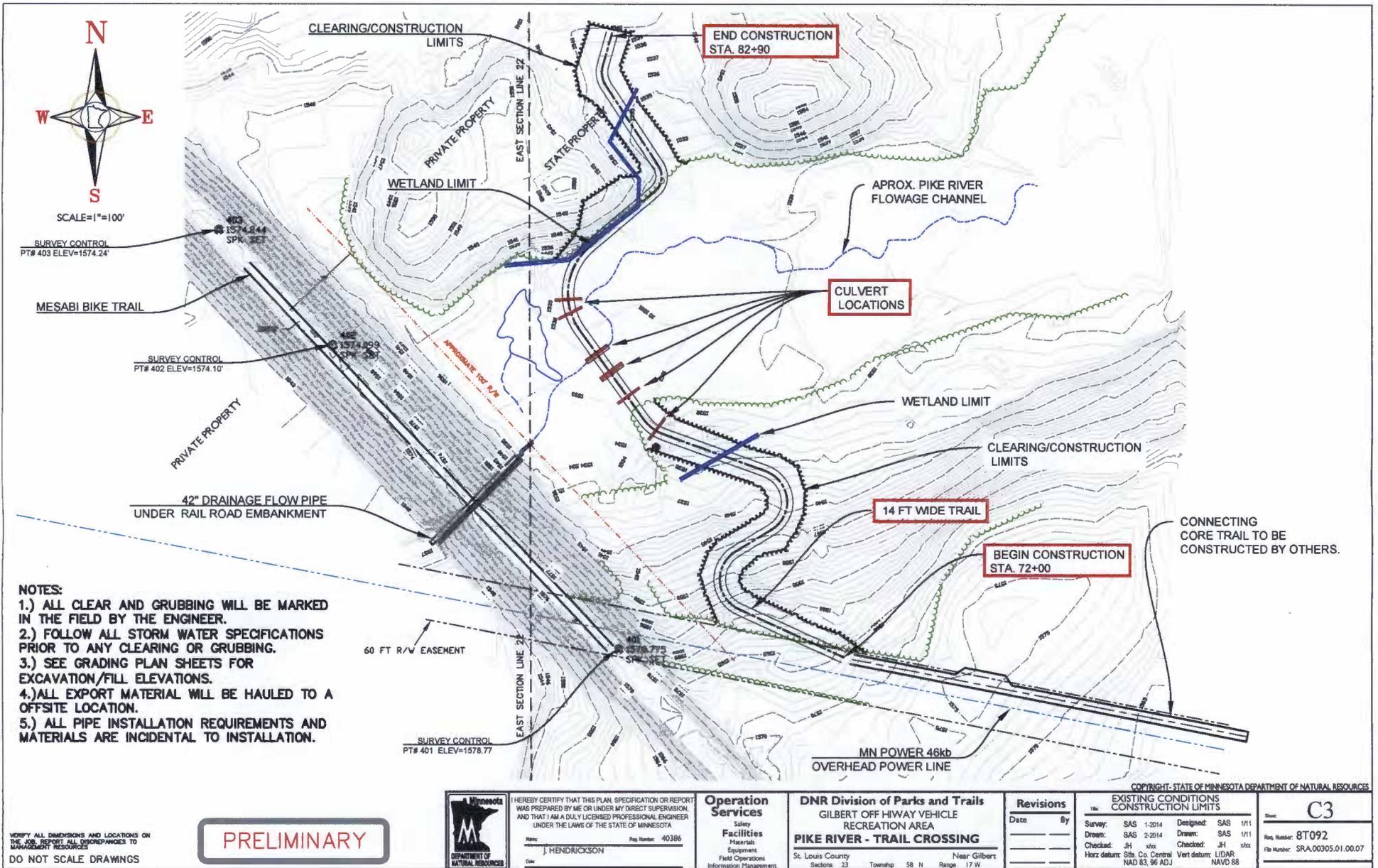
Pike River Crossing Alternatives



This Typical is to be used at all wetland crossing except the Pike River crossing which is engineered with different dimensions. See pdf. *Pike River Crossing Preliminary Plan Set* for the Pike River Plans.



MINNESOTA DEPARTMENT OF NATURAL RESOURCES	
GILBERT OHV RECREATION AREA	
DIVISION OF PARKS AND TRAILS	
TYPICAL ROAD SECTION DETAIL	
NO SCALE	
	



- NOTES:**
- 1.) ALL CLEAR AND GRUBBING WILL BE MARKED IN THE FIELD BY THE ENGINEER.
 - 2.) FOLLOW ALL STORM WATER SPECIFICATIONS PRIOR TO ANY CLEARING OR GRUBBING.
 - 3.) SEE GRADING PLAN SHEETS FOR EXCAVATION/FILL ELEVATIONS.
 - 4.) ALL EXPORT MATERIAL WILL BE HAULED TO A OFFSITE LOCATION.
 - 5.) ALL PIPE INSTALLATION REQUIREMENTS AND MATERIALS ARE INCIDENTAL TO INSTALLATION.

VERIFY ALL DIMENSIONS AND LOCATIONS ON THE JOB. REPORT ALL DISCREPANCIES TO MANAGEMENT RESOURCES
DO NOT SCALE DRAWINGS

PRELIMINARY

MINNESOTA DEPARTMENT OF NATURAL RESOURCES
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: J. HENDRICKSON
Reg. Number: 40286
Date:

Operation Services
Safety
Facilities
Materials
Equipment
Field Operations
Information Management

DNR Division of Parks and Trails
GILBERT OFF HIWAY VEHICLE RECREATION AREA
PIKE RIVER - TRAIL CROSSING
St. Louis County Near Gilbert
Sections: 23 Township: 58 N Range: 17 W

Revisions	
Date	By

EXISTING CONDITIONS CONSTRUCTION LIMITS	
Yrs.	
Survey: SAS 1-2014	Designed: SAS 1/11
Drawn: SAS 2-2014	Drawn: SAS 1/11
Checked: JH s/xx	Checked: JH s/xx
Horz datum: Sls. Co. Central NAD 83, 96 ADJ	Vert datum: LIDAR NAVD 88

Sheet	C3
Reg. Number:	8T092
File Number:	SRA.00305.01.00.07

Virginia Expansion Wetland Map #1

Legend

- Wetland Boundaries
- IROHV Connector Trail
- Virginia Site Core Roads

Wetland 12
Lowland, no flow; Crushed rock base, Fabric and Fill on top; .02 Acres

Wetland 11
Roadside ditch, 36" Diam culvert;
Alignment changed from original (approved by BWSR), Sq footage the same; .02 Acres

Wetland 10
Within Hwy 135 Right-of-Way, Contracted Out; .04 Acres

Wetland 9
Within Hwy 135 right-of-way, Contracted out; .04 Acres

Virginia Expansion Wetland Map #2

Legend

- Wetland Boundaries
- IROHV Connector Trail
- Virginia Site Core Roads

Wetland 17
2 ft diam. culvert; .01 Acres

Virginia Expansion Wetland Map #3

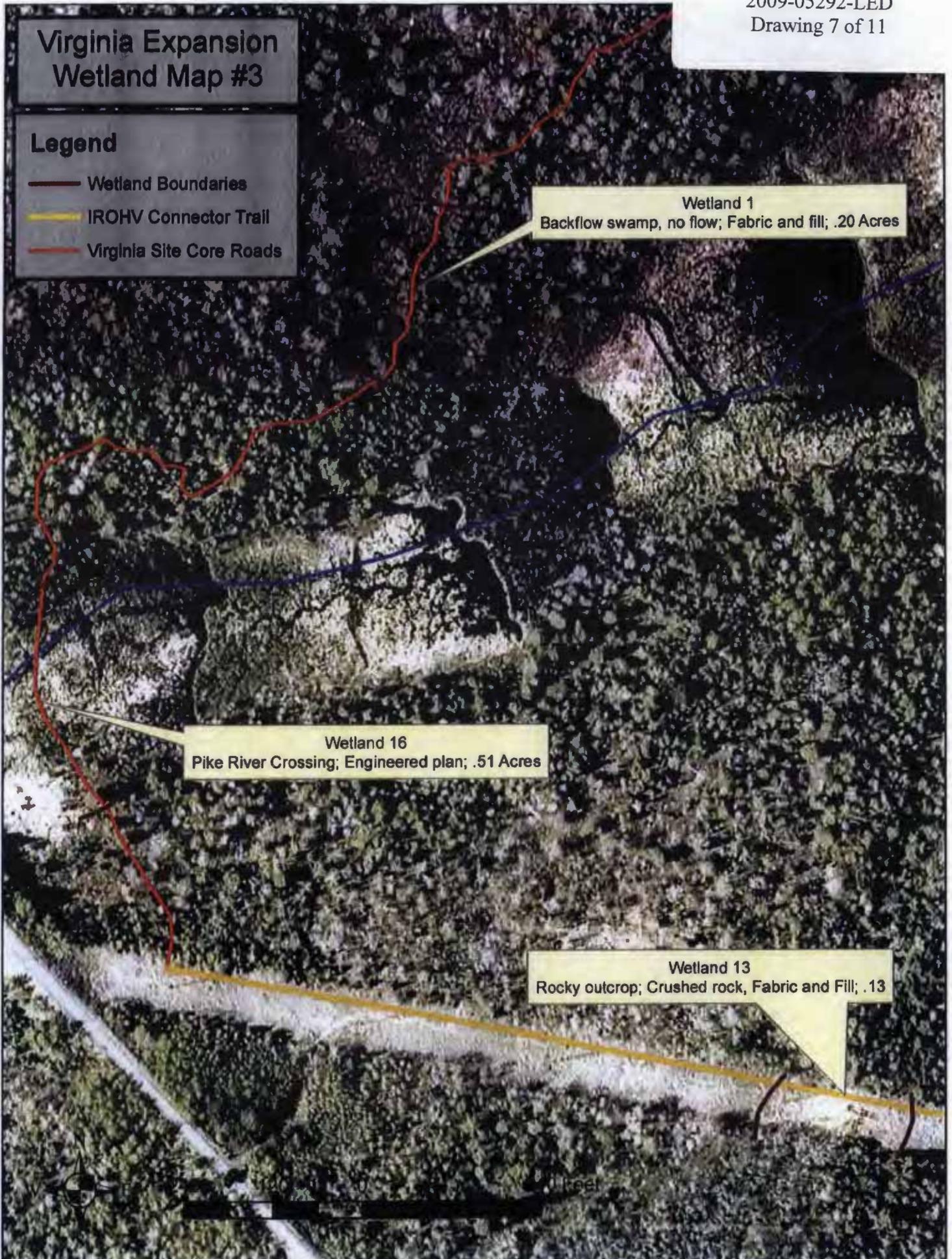
Legend

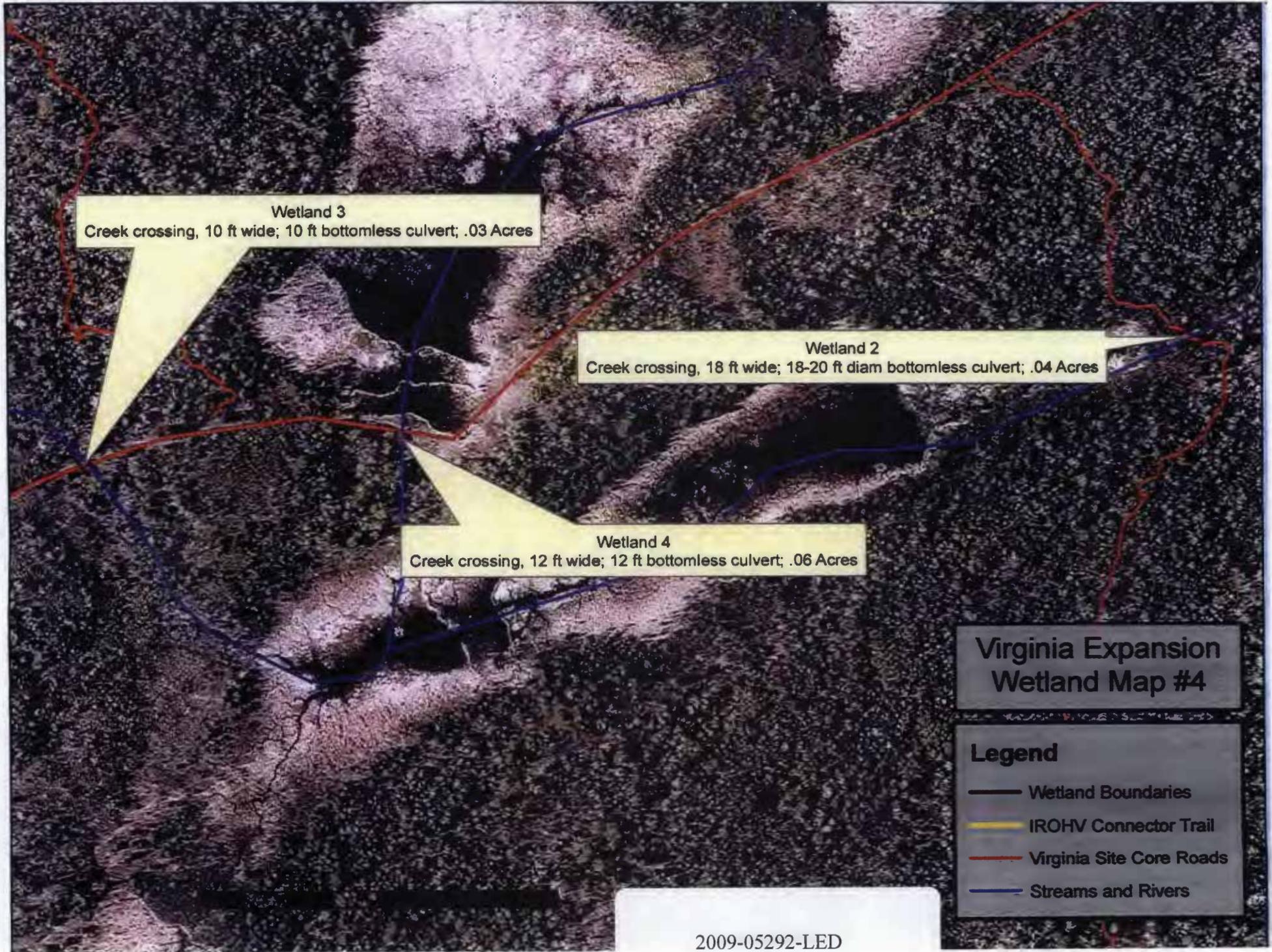
- Wetland Boundaries
- IROHV Connector Trail
- Virginia Site Core Roads

Wetland 1
Backflow swamp, no flow; Fabric and fill; .20 Acres

Wetland 16
Pike River Crossing; Engineered plan; .51 Acres

Wetland 13
Rocky outcrop; Crushed rock, Fabric and Fill; .13





Virginia Expansion Wetland Map #5

Legend

- Wetland Boundaries
- Virginia Site Core Roads
- Streams and Rivers

Wetlands 15
Mosaic method used; Crushed rock, Fabric and Fill; .51 Acres

Wetland 3
Creek crossing, 10 ft wide; 10 ft bottomless culvert; .03 Acres

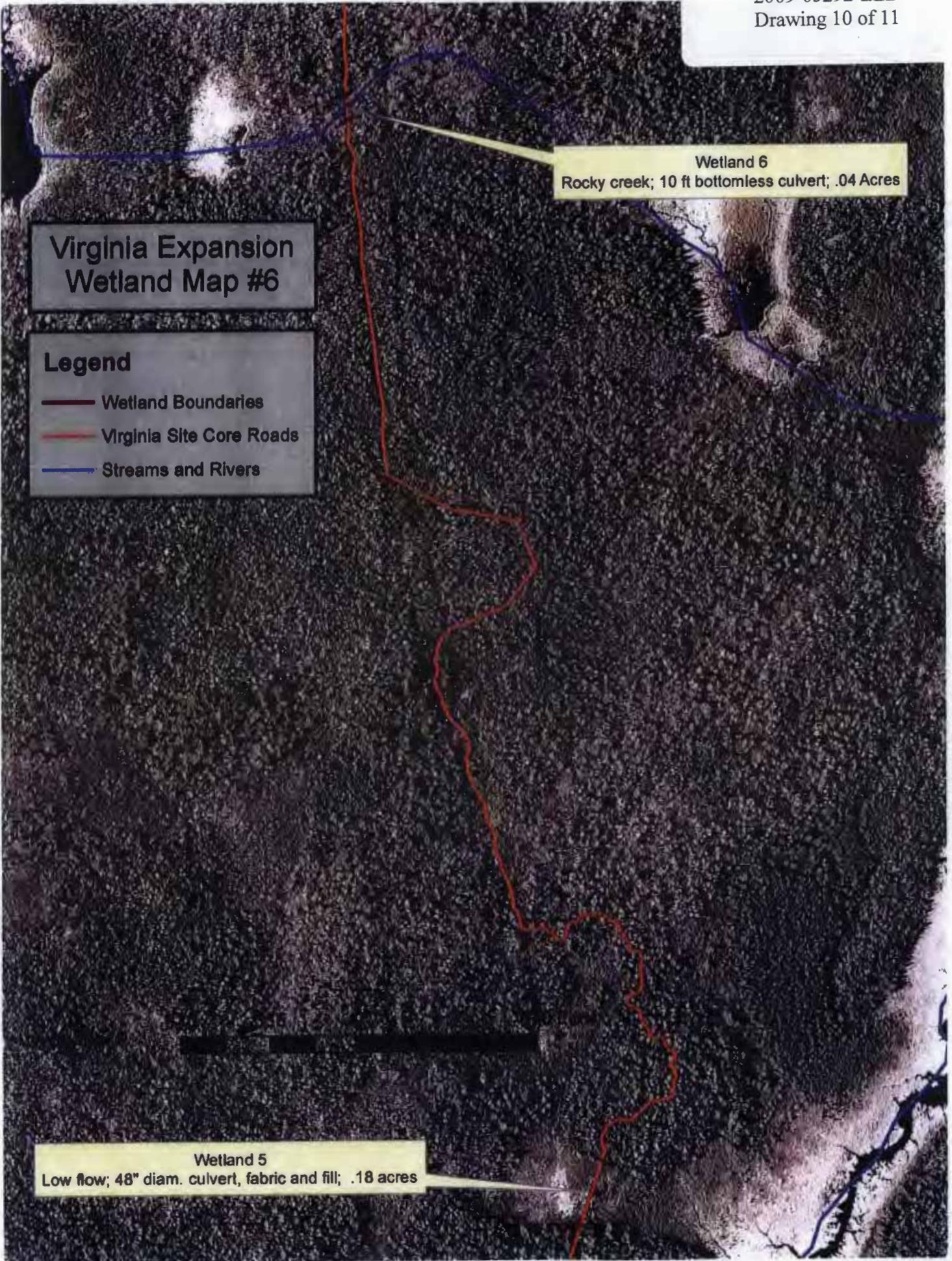
Virginia Expansion Wetland Map #6

Legend

- Wetland Boundaries
- Virginia Site Core Roads
- Streams and Rivers

Wetland 6
Rocky creek; 10 ft bottomless culvert; .04 Acres

Wetland 5
Low flow; 48" diam. culvert, fabric and fill; .18 acres



Virginia Expansion Wetland Map #7

Legend

- Wetland Boundaries
- Virginia Site Core Roads
- Streams and Rivers

Wetland 14
Mosaic method used; Very rocky; Crushed rock, Fabric and Fill; .43 Acres

Wetland 8
Swampy, no flow; Fabric and Fill; .31 Acres

Wetland 7
No flow; Fabric and Fill; .05 Acres

