



FLOOD HAZARD AREA & RIVER CORRIDOR RULE

General Permit Application

Category 10 V.S.A. § 754

A. Category of Development Exempt from Municipal Regulation		
<input checked="" type="checkbox"/> State-owned or operated institution or facility	<input type="checkbox"/> Accepted agricultural or silvicultural practice	
<input type="checkbox"/> Power generating, transmission, or telecommunication facility subject to Section 248/248a		
B. Applicant		
1. Applicant Name: Vermont Dept. of Forests, Parks & Recreation		
2. Mailing Address: 111 West Street		
3. Town: Essex Jct.	4. State: VT	5. Zip: 05452
6. Phone: 802-879-6565	7. Cell Phone:	
8. Email Address: jason.nerenberg@vermont.gov		
C. Landowner		
1. Landowner Name: State of Vermont		
2. Mailing Address: 111 West Street		
3. Town: Essex Jct.	4. State: VT	5. Zip: 05452
6. Phone: 802-879-6565	7. Email Address:	
D. Consultant or Designer		
1. Consultant Company Name: n/a		
2. Consultant or Designer Name:		
3. Phone:	4. Email:	
5. Contractor Business Name: n/a		
6. Contractor Name:		
7. Phone:	8. Email:	
E. Project Information		
1. Project Location Address: Duxbury Rd. in Bolton VT, 2800ft. east of Preston Brook		
2. Project Location SPAN (School Parcel Account Number) 11 digit number: _____ - _____ - _____		
3. Project Location Town: Bolton		
4. Flooding source: Winooski River		
5a. Latitude: 44.371972	5b. Longitude: -72.895686	

F. Project Description

1. General description of the proposed development:

This project will install a 150 foot long at-grade pedestrian path in the flood hazard area. It will extend from the existing parking lot to the Winooski River. The final pitch down to the river will be stabilized with stone steps and rip-rap. The goal is to improve public access and prevent erosion.

G. Eligible Activity (Section V(c)(1) of the General Permit)

Please check the box applicable to your proposed project. If none of the following apply, your project may require a different type of application or notice. For more information, contact the regional floodplain manager:

http://dec.vermont.gov/sites/dec/files/wsm/rivers/docs/floodplain_mngr_regions_10-2015.pdf

- Improvement or repair to an existing structure (walled/roofed building) in the flood hazard area, costing less than 50% of the fair market value of the structure.
- Construction or placement of an accessory structure less than 500 square feet in size in the flood hazard area, but not in the floodway or river corridor. The accessory structure must meet the Flood Hazard Area Standard in Section VI(b) of the General Permit.
- Construction of temporary equipment access in a flood hazard area that may result in temporary fill placement exceeding one construction season for maintenance, construction, or repair work, and that will be stored to pre-construction conditions at the end of the construction project and does not result in any increases to published base flood elevations (BFEs).
- Agricultural waste storage facilities that meet the standards in Section VI of the Flood Hazard Area and River Corridor Rule
- New development that is located outside of the flood hazard area, but within the river corridor that complies with the requirements of Appendices A or B of the Flood Hazard Area and River Corridor Protection Procedure or that is within a designated center or farm production area and is not any closer to the river than immediately adjacent development.
- Restoration projects to restore natural floodplain function including berm removal, natural channel design, floodplain excavations, wetland habitat improvements and dam removal.

H. Submittal requirements (please attach the following with this form as appropriate to the proposed development):

- A map clearly showing the location of the proposed activity. To expedite review and authorization, provide a map generated from the ANR Natural Resources Atlas showing the river corridor and flood hazard area (if available) (<http://anr.vermont.gov/maps>);
- A written description of the proposed project that clearly indicates which activity will be conducted under Section V(b)(1) of the General Permit and provide sufficient technical details demonstrating how it will meet the Flood Hazard Area & River Corridor Standards (Section VI of the General Permit);
- For improvements or repairs to existing structures, the costs of materials, labor and, for work in excess of \$5,000.00, and an estimate of fair market value (recent appraisal or tax assessment); and
- Contact information, including names and mailing addresses, and if available, email addresses and phone numbers, for adjoining landowners, contractors, and consultants.

I. Certification

****APPLICANT MUST FILE COPY OF THIS APPLICATION WITH MUNICIPAL CLERKS, MUNICIPAL AND REGIONAL PLANNING COMMISSIONS AND ADJOINERS**** CERTIFICATION: I hereby certify that the information on this application is, to the best of my knowledge, true and accurate. I recognize that by signing this notice I am giving consent to employees of the State to enter the subject property for the purpose of processing this application and for ensuring compliance with subsequent agency decisions relating to the project.

Print Full Name Jason P. Nerenberg

Applicant Signature:  Date 6/29/17

Please submit this form to the appropriate Regional Floodplain manager.

To see the current Floodplain Manager regions, please refer to:

<http://dec.vermont.gov/watershed/rivers/river-corridor-and-floodplain-protection/floodplain-managers>

Direct all correspondence or questions to the appropriate Regional Floodplain Manager or to the Rivers Program general inbox at:
ANR.WSMDRivers@vermont.gov

For additional information visit: <http://dec.vermont.gov/watershed>

Project description:

At the request of the Friends of the Winooski River and the Bolton Conservation Commission, the Vermont Department of Forests, Parks & Recreation (FPR) is planning to improve pedestrian access to the Winooski River at a location in Camel's Hump State Park on Duxbury Road in Bolton.

The entire area involved is in the flood hazard area of the Winooski River.

According to a notice at the site, the area was developed through a cooperative agreement between the Town of Bolton and FPR in 1992. Over time, the natural-surfaced trail used by most visitors has begun to erode, especially at the river bank. We propose to build a new trail in an alternate location that will follow a more gradual grade to the river. The project will be funded in part by the Federal Recreation Trails Program, which requires us to design the trail to be as accessible as possible. Accessibility considerations will include creating a firm, stable trail surface and meeting certain width and grade parameters.

The trail will be surfaced with gravel down to the annual mean high-water mark, and the final approach to the river bed will be stabilized with stone steps and rip-rap. This will total about 5 cubic yards of gravel and 2 cubic yards of stone. We believe this small importation of material into the stream bank and flood zone will be well worth it for improved access and reduced erosion. The trail will be 36 inches wide, and will include a 60x60inch landing at the high-water level. We plan to build the 100 feet of the trail outside of mean high water with 2x4 pressure treated running boards and a permeable geotextile liner, however these features may be left out to simplify the project and reduce cost.

The trail will traverse a forested area and will require removal of understory vegetation, but will leave the canopy intact.

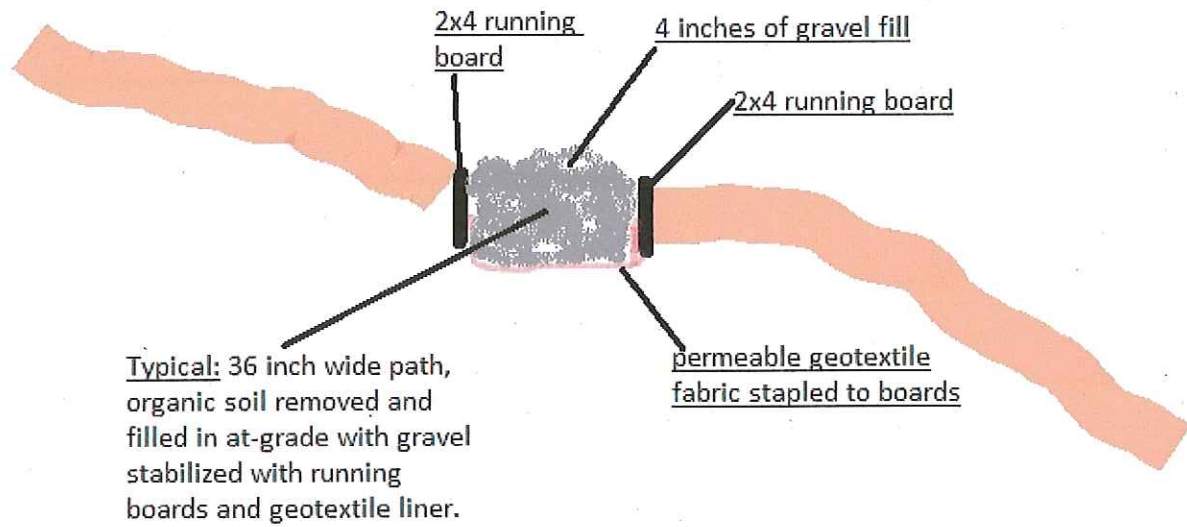
The project has been reviewed by a state lands ecologist and poses no concerns for rare, threatened, or endangered species, or significant wildlife habitat.

List of attachments:

- a) Sketch of graveled trail cross-section and photo of trail end-point
- b) Map depicting project location relative to property boundaries
- c) General site plan
- d) Site with detailed topography

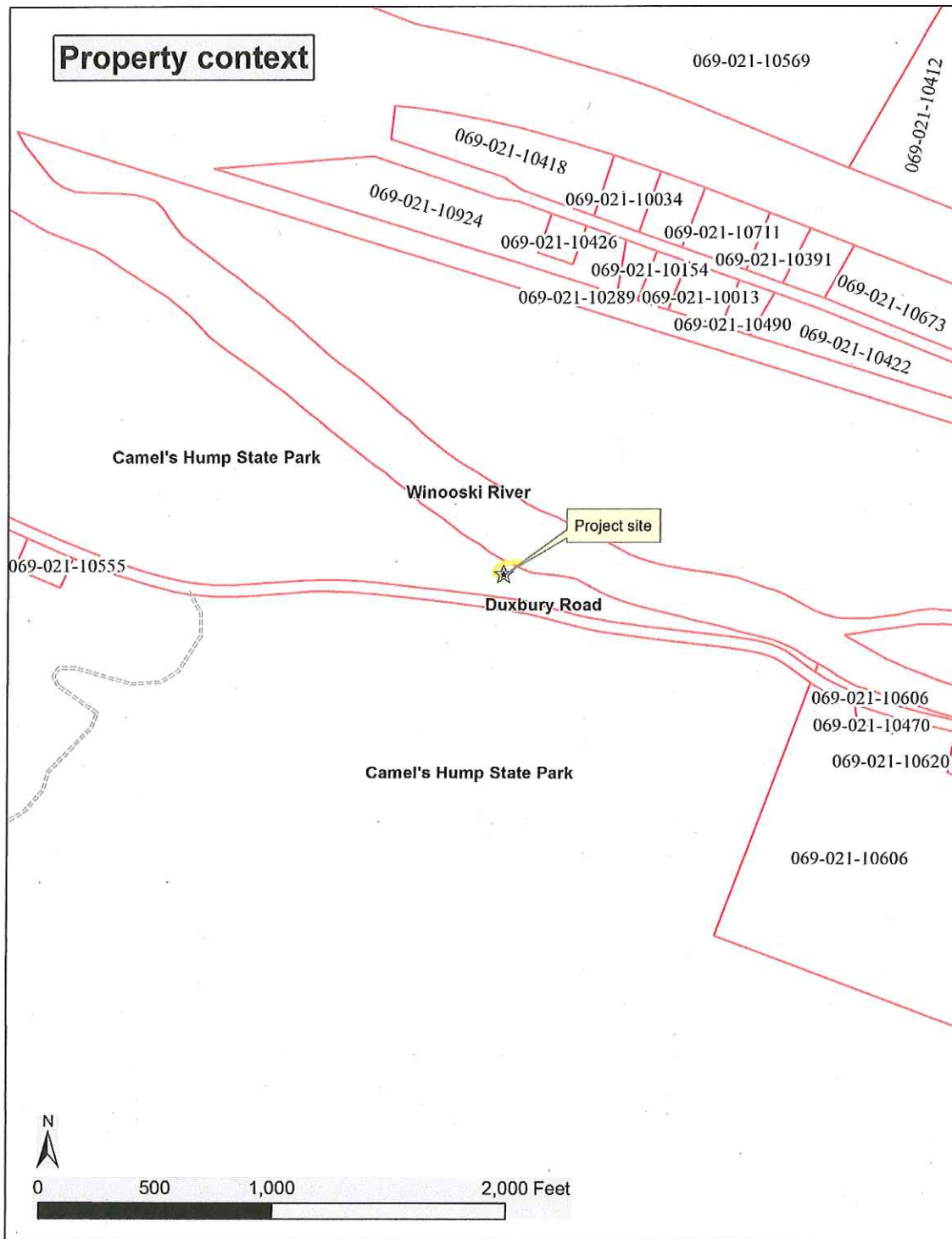
Attachment A

Sketch of graveled trail cross-section



Trail ends/steps begin at pink flag.

Project Location Map



Site overview



Site Topography

