

**CATEGORICAL EXCLUSION  
PROGRAMMATIC DETERMINATION CHECKLIST**

**Action/Project Name:** Campton-Thornton-Waterville Valley  
**Federal Project Number:** X-A002(378)

**State Project Number:** 22732  
**CE Action Number:** 21

**Description of Project (Attach Location Map, As Appropriate):**

The subject project is part of the Federal Forest Highways Program. Much of the project area is located within or adjacent to the White Mountain National Forest. The project is located on NH Route 49 from its intersection with NH Route 175 in Campton to the intersection of Tripoli Road in Waterville Valley, and also includes a portion of Tripoli Road from NH Route 49 to West Branch Road. Proposed work consists of a full-width pavement overlay of the existing paved roadway, as well as resetting guardrail blocks to raise the height of existing rail. All bridges within the project area will be paved with 3/4" pavement shim except Bridge 239/152 (NH Route 49 over Mad River). Bridge 126/103 (Tripoli Road over Mad River) will also require elastomeric plug joint work at both bridge joints.

The purpose of the project is to extend the life of the pavement. The existing pavement is deteriorating but its current condition does not yet warrant reconstruction. Work as proposed will be located entirely within the existing right-of-way.

**PROGRAMMATIC CATEGORICAL EXCLUSION (CE) CRITERIA<sup>1</sup>**

	<b>NO</b>	<b>YES</b>	<b>If yes, then...</b>
1a <i>Air Quality</i> – Is the proposed action a non-CMAQ project requiring a conformity..... determination?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Sec. 1, page 6
1b <i>Air Quality</i> – Does the proposed action require an 8-hour CO analysis? .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Sec. 1, page 6
2 <i>Cultural Resources</i> – Does the proposed action have an adverse effect on properties eligible for or listed in the National Register of Historic Places? .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Sec. 2, page 6
3 <i>Endangered Species</i> – Does the proposed action affect species and critical habitat of species protected by the Endangered Species Act, as determined through consultation with USF&WS, NHF&G, and for NHNHI, as appropriate? .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Sec. 3, page 7
4 <i>Floodways</i> – Does the proposed action <u>encroach</u> on the regulatory floodway of water courses or water bodies? .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Sec. 4, page 7
5 <i>Noise</i> – Is the proposed action a Type I highway project? .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Sec. 5, page 8
6a <i>Right-of-Way</i> – Does the proposed action require the acquisition of residences or businesses? .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Sec. 6, page 8
6b <i>Right-of-Way</i> – Does the proposed action require fee simple acquisition or permanent easements to an extent that impairs the functions of the affected properties? .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Sec. 6, page 8
7 <i>Section 4(f)</i> – Does the proposed action require the use of any property protected by Section 4(f) of the 1966 USDOT Act, other than that for which a de minimis impact finding has been made? .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Sec. 7, page 8
8 <i>Section 6(f)</i> – Does the proposed action require the use of any property protected by Section 6(f) of the L&WCF Act? .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Sec. 8, page 9
9 <i>Water Quality</i> – Does the proposed action have more than a negligible impact on surface waters? .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Sec. 9, page 9
10 <i>Wetlands</i> – Does the proposed action require an Army Corps of Engineers Individual Permit? .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See Sec. 10, page 9
11 <i>Other</i> – Do any of the above conclusions benefit from more detailed explanation or are there other issues of concern? .....	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See attached

<sup>1</sup> See *Detailed Instructions* for further explanations of the questions and documentation requirements.

Ⓢ If the answer to all of the above questions is NO, the proposed action qualifies for classification as a Programmatic Categorical Exclusion. The Checklist should be completed (page 2, and page 3 when appropriate) and included in the Classification file.

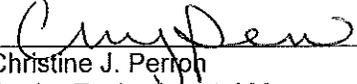
Ⓢ If the answer to any of the above questions is YES, the proposed action does not qualify for classification as a Programmatic Categorical Exclusion. In such cases, if the impact(s)/effect(s) leading to the disqualification are not significant; the proposed action may be processed as an Individual CE and the remainder of this form (beginning on page 4) should be filled out as appropriate..

### ENVIRONMENTAL COMMITMENTS

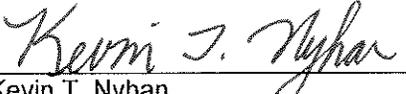
1. This project does not require a Storm Water Pollution Prevention Plan (SWPPP). However, appropriate erosion and sediment control measures shall be utilized during construction. **(Construction)**
2. The project is located within a Drinking Water Source Protection Area and adjacent to Outstanding Resource Waters. Stringent Best Management Practices shall be utilized to prevent adverse impacts to water quality. **(Construction)**
3. The work as proposed does not require Wetland or Shoreland permits from the NH Department of Environmental Services Wetlands Bureau. However, should design changes or the contractor's method of construction require work or staging within Wetlands Bureau jurisdiction, the appropriate permits from the NH Department of Environmental Services and the US Army Corps of Engineers must be obtained prior to the commencement of construction. **(Construction)**
4. A hazardous waste remediation site is located adjacent to the project area at 4 Tripoli Road. It is not expected that contaminated materials will be encountered during construction. However, if any visual or olfactory indications of the presence of contamination are encountered during construction, the Bureau of Environment shall be notified immediately and construction shall be discontinued until the situation is assessed. **(Construction)**
5. The project area contains Japanese knotweed, an invasive plant listed on the NH List of Prohibited Invasive Species (AGR PART 3802.01). One area of knotweed hangs into the roadway at Bridge 239/152 (NH Route 49 over the Mad River). The Bureau of Environment shall be notified two weeks prior to the start of work in this location in order to coordinate with District 3 on the cutting of this knotweed. **(District 3/Environment/Construction)**
6. No clearing or tree cutting will be permitted within the National Forest unless approved by the White Mountain National Forest and the Department. **(Construction)**
7. White Mountain National Forest recreational access areas and parking lots shall remain accessible to the public during construction. **(Construction)**
8. Any changes in scope of work shall be reviewed by the Bureau of Environment prior to construction in order to evaluate the potential for cultural resource concerns. **(Construction)**

**CLASSIFICATION DETERMINATION**

- The proposed action qualifies for a Programmatic Categorical Exclusion.
- The proposed action does not qualify for a Programmatic Categorical Exclusion.

Prepared by:   
Christine J. Perloh  
Senior Environmental Manager

8/1/2012  
Date

Approval Recommended By:   
Kevin T. Nyhan  
Project Development Section Chief

8/6/2012  
Date

Approved by: for   
Administrator, Bureau of Environment

8/6/2012  
Date

**Note: Post-hearing follow-up actions, if any, and their disposition, are indicated on the next page.**

s:\environment\projects\design\22732\programmatic ce.doc

**EXHIBITS**

- Exhibit 1. Location Map
- Exhibit 2. USGS Topographic Map
- Exhibit 3. Conservation Land Stewardship Program correspondence
- Exhibit 4. Land & Water Conservation Fund Program correspondence
- Exhibit 5. NHDOT Bureau of Highway Design correspondence
- Exhibit 6. NH Natural Heritage Bureau correspondence
- Exhibit 7. US Fish & Wildlife Service correspondence
- Exhibit 8. White Mountain National Forest correspondence
- Exhibit 9. Note to File – Special Flood Hazard Areas
- Exhibit 10. Flood Insurance Rate Maps
- Exhibit 11. Note to File – Cultural Resources
- Exhibit 12. Note to File – Water Quality
- Exhibit 13. Note to File – Contamination
- Exhibit 14. Photographs

## DETAILED DISCUSSION OF PROGRAMMATIC CE CRITERIA

**1a & 1b. Air Quality** – *Is the proposed action a non-CMAQ project requiring a conformity determination?*

A conformity determination is not required as this project is consistent with the projects listed in Table 2 of 40 CFR 93.126.

**2. Cultural Resources** – *Does the proposed action have an adverse effect on properties eligible for or listed in the National Register of Historic Places?*

No. The NHDOT Cultural Resource Manager determined that there were no concerns with cultural resources given the project's limited scope.

**3. Endangered Species** – *Does the proposed action affect species and critical habitat of species protected by the Endangered Species Act, as determined through consultation with USFWS, NHF&G, and /or NHNHB, as appropriate?*

The NH Natural Heritage Bureau does not have any records of known populations of species protected by the Endangered Species Act within the project area. The USFWS online consultation tool was utilized to determine that the project area does not contain potential populations of threatened or endangered species or critical habitat.

**4. Floodways** – *Does the proposed action encroach on the regulatory floodway of water courses or water bodies?*

The project crosses the regulatory floodway and encroaches on the special flood hazard area (100-year floodplain) of the Mad River as shown on the Flood Insurance Rate Maps. The work as proposed will not present any new obstructions to the floodplain or floodway and will not alter existing drainage patterns. For these reasons, no further coordination with the NH Floodplain Management Program or the Federal Emergency Management Agency is required.

**5. Noise** – *Is the proposed action a Type I highway project?*

This project is not a Type I highway project.

**6a & 6b. Right-of-Way** – *Does the proposed action require the acquisition of residences or businesses?*

The project does not require acquisition of residences or businesses.

**7. Section 4(f)** – *Does the proposed action require the use of any property protected by Section 4(f) of the 1966 USDOT Act, other than that for which a de minimis impact finding has been made?*

No. There will be no easements or acquisitions from property considered historic, publicly-owned public parks, or fish and wildlife refuges. The White Mountain National Forest is a large, multiple-use resource that functions primarily for purposes other than park, recreation, or wildlife refuge. National Forest recreational access areas and parking lots located adjacent to the project area shall remain accessible to the public during construction. Therefore, the project will not result in the use of Section 4(f) resources.

**8. Section 6(f)** – *Does the proposed action require the use of any property protected by Section 6(f) of the L&WCF Act?*

No. Based on coordination with the Department of Resources and Economic Development, there will be no Section 6(f) properties impacted, either permanently or temporarily, during construction.

**9. Water Quality** – *Does the proposed action have more than a negligible impact on surface waters?*

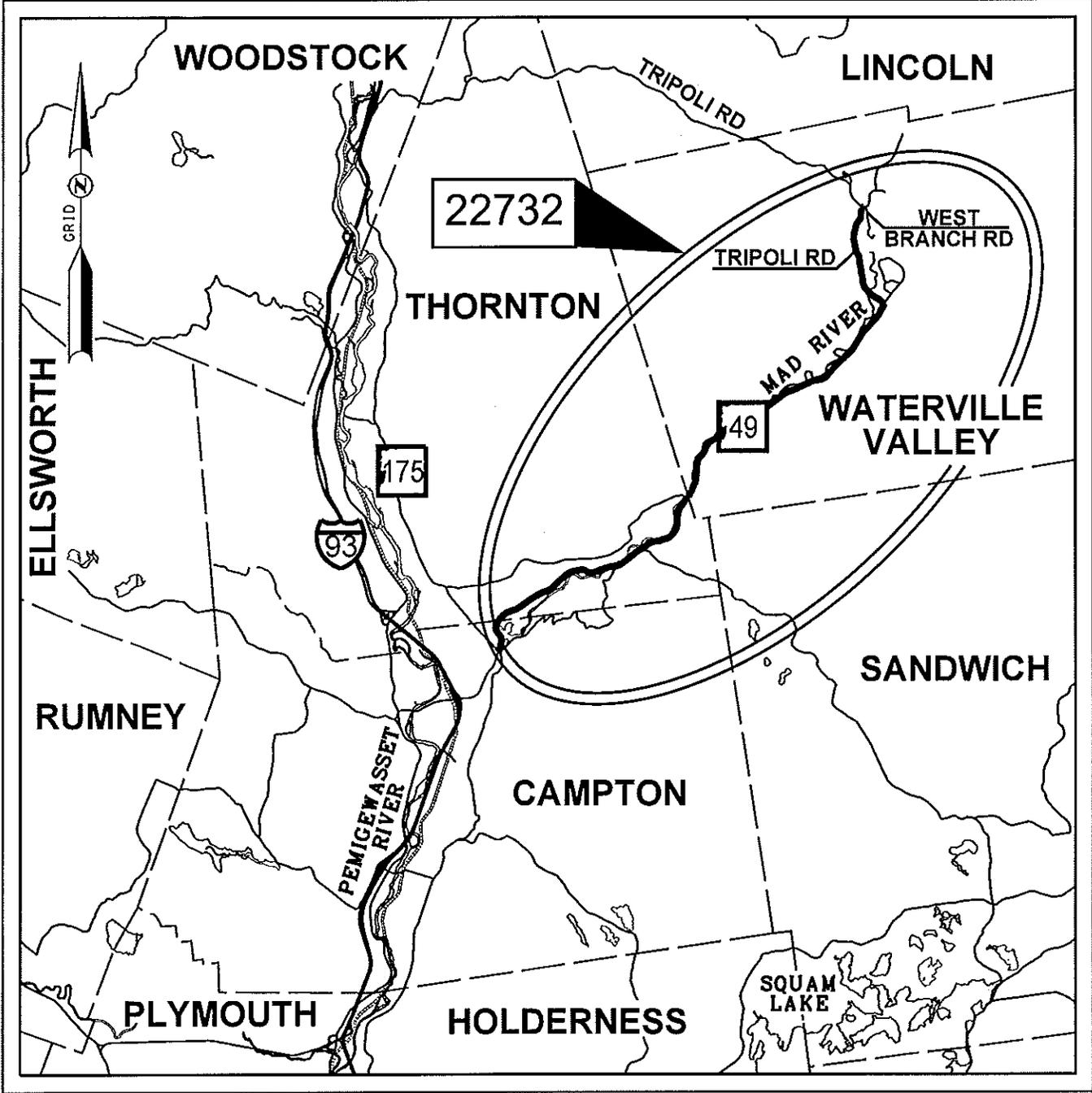
Much of the project area is located within or adjacent to the White Mountain National Forest (WMNF). All surface waters within the WMNF are designated as Outstanding Resource Waters; therefore, water quality must be maintained and protected per Env-Wq 1708.05. There are also Wellhead Protection Areas and Drinking Water Source Protection Areas within the limits of the project. No surface waters within the project area are listed as impaired by the NH Department of Environmental Services. The work as proposed will not alter existing drainage patterns and will not change the area of impervious surface. Stringent Best Management Practices will be utilized to prevent impacts to water quality during construction. For these reasons, the project is not expected to result in short-term or long-term degradation of water quality, and fully complies with PART Env-Wq 1708 (Antidegradation).

**10. Wetlands** – *Does the proposed action require an Army Corps of Engineers Individual Permit?*

The project as proposed will not result in impacts to areas under the jurisdiction of the NH Department of Environmental Services or Army Corps of Engineers. Therefore, no permits are required.

**11. Other** – *Do any of the above conclusions benefit from more detailed explanation or are there other issues of concern?*

No.

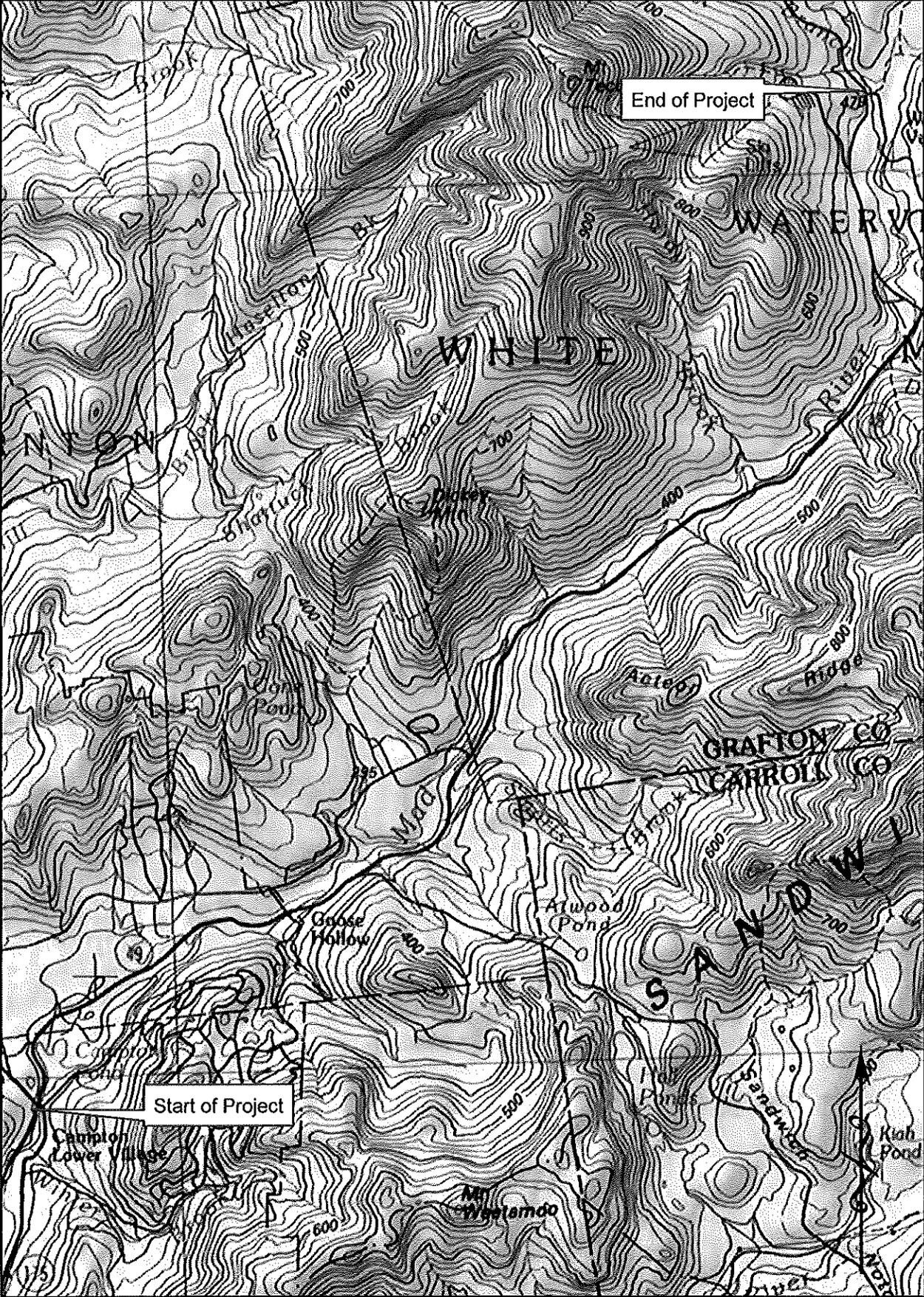


LOCATION MAP



GRAPHIC SCALE

Campton-Thornton-Waterville Valley, X-A002(378), 22732



1 in = 1 mile

**Christine Perron**

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**From:** Walker, Steve [Steve.Walker@nh.gov]  
**Sent:** Monday, July 16, 2012 7:23 AM  
**To:** Christine Perron  
**Subject:** RE: NHDOT Project - Campton-Thornton-Waterville Valley 22732

Hi Christine, There are no LCIP properties in the project area. Thanks Stephen

-----Original Message-----

**From:** Christine Perron [mailto:CPerron@dot.state.nh.us]  
**Sent:** Tuesday, July 10, 2012 9:40 AM  
**To:** Walker, Steve  
**Subject:** NHDOT Project - Campton-Thornton-Waterville Valley 22732

Good morning Steve,

The NHDOT is planning the subject project, which involves a full-width overlay of the existing paved roadway, as well as resetting guardrail blocks to raise the height of existing rail. The project is located on NH Route 49 from the intersection with NH Route 175 in Campton to the intersection of Tripoli Road in Waterville Valley. At this time, it is anticipated that all work will be within the footprint of the roadway.

Please let me know if you have any concerns with the project.

Thank you.  
Christine

**Christine Perron**  
Senior Environmental Manager  
NH Department of Transportation  
Bureau of Environment  
7 Hazen Drive, Concord, NH 03302  
Ph: (603) 271-3717  
Fax: (603) 271-7199  
cperron@dot.state.nh.us

State of New Hampshire  
INTER-DEPARTMENT COMMUNICATION

---

To: Christine Perron  
Senior Environmental Manager  
Dept. of Transportation  
Bureau of Environment

From: Jane Carey  
Program Specialist  
Dept. of Resources and Economic Development  
Division of Parks and Recreation

Date: July 10, 2012

Subject: NHDOT Project – Campton-Thornton-Waterville Valley 22732

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This communication is in response to your email dated July 10, 2012 about a full-width overlay of the existing paved roadway on NH Route 49 between Campton at the intersection of NH Route 175 to the intersection of Tripoli Road in Waterville Valley.

The description and map you sent has been reviewed and checked with our files. There is one Land and Water Conservation Fund (LWCF) property in Waterville Valley It is Project number and name:

33-00401      Development of three bridges on multi-use trails

These bridges along the trails are in the vicinity of NH Route 49 but do not seem to be in the way of the overlay project nor will the use of these trails be interrupted during this project.

Please contact me at (603) 271-3556 or at [Jane.Carey@dred.state.nh.us](mailto:Jane.Carey@dred.state.nh.us) , should you have any questions or the plans change.

**RECEIVED**  
BUREAU OF ENVIRONMENT  
JUL 10 2012  
NH DEPARTMENT OF  
TRANSPORTATION

**Christine Perron**

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**From:** Ronald Grandmaison  
**Sent:** Tuesday, July 10, 2012 10:06 AM  
**To:** Christine Perron  
**Subject:** RE: Campton-Thornton-Waterville Valley 22732

There has been considerable coordination to date with Mr. Dauer. He is aware and in concurrence with the project

*Ronald J. Grandmaison, PE*

New Hampshire Department of Transportation  
Bureau of Highway Design  
Project Manager  
Phone: 603-271-6198  
Fax : 603-271-7025  
E-Mail: [rgrandmaison@dot.state.nh.us](mailto:rgrandmaison@dot.state.nh.us)  
Website: <http://www.nhdot.com>

 Please consider the environment before printing this e-mail!

---

**From:** Christine Perron  
**Sent:** Tuesday, July 10, 2012 9:58 AM  
**To:** Ronald Grandmaison  
**Subject:** RE: Campton-Thornton-Waterville Valley 22732

Ron,  
As a Forest Highways project, what, if any, coordination has already taken place with the WMNF? Since there are really no environmental issues, there's likely no need for me to coordinate with Bill Dauer , especially if he is already aware of the project.  
Thanks,  
Christine

**Christine Perron**  
Senior Environmental Manager  
NH Department of Transportation  
Bureau of Environment  
7 Hazen Drive, Concord, NH 03302  
Ph: (603) 271-3717  
Fax: (603) 271-7199  
[cperron@dot.state.nh.us](mailto:cperron@dot.state.nh.us)

-----Original Message-----

**From:** Ronald Grandmaison  
**Sent:** Friday, July 06, 2012 7:16 PM  
**To:** Christine Perron; Leah Savage  
**Cc:** Jim Marshall  
**Subject:** RE: Campton-Thornton-Waterville Valley 22732

This is a pavement preservation project only. There should be no guardrail, drainage, or bridge work



NEW HAMPSHIRE NATURAL HERITAGE BUREAU  
NHB DATACHECK RESULTS LETTER

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**To:** Christine Perron, NHDOT Bureau of Environment  
7 Hazen Drive  
Concord, NH 03302

**From:** NH Natural Heritage Bureau

**Date:** 7/10/2012 (valid for one year from this date)

**Re:** Review by NH Natural Heritage Bureau of request submitted 7/6/2012

**NHB File ID:** NHB12-1693

**Applicant:** Christine Perron

**Location:** Campton, Thornton, Waterville Valley  
Route 49, starting just south of intersection with Rte 175 and ending  
at Tripoli Rd

**Project Description:** Project involves paving existing roadway surface and resetting guardrail blocks to raise the height of existing rail. There will be no work beyond the guardrail.

The NH Natural Heritage database has been checked by staff of the NH Natural Heritage Bureau and/or the NH Nongame and Endangered Species Program for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government.

It was determined that, although there was a NHB record (e.g., rare wildlife, plant, and/or natural community) present in the vicinity, we do not expect that it will be impacted by the proposed project. This determination was made based on the project information submitted via the NHB Datacheck Tool on 7/6/2012, and cannot be used for any other project.



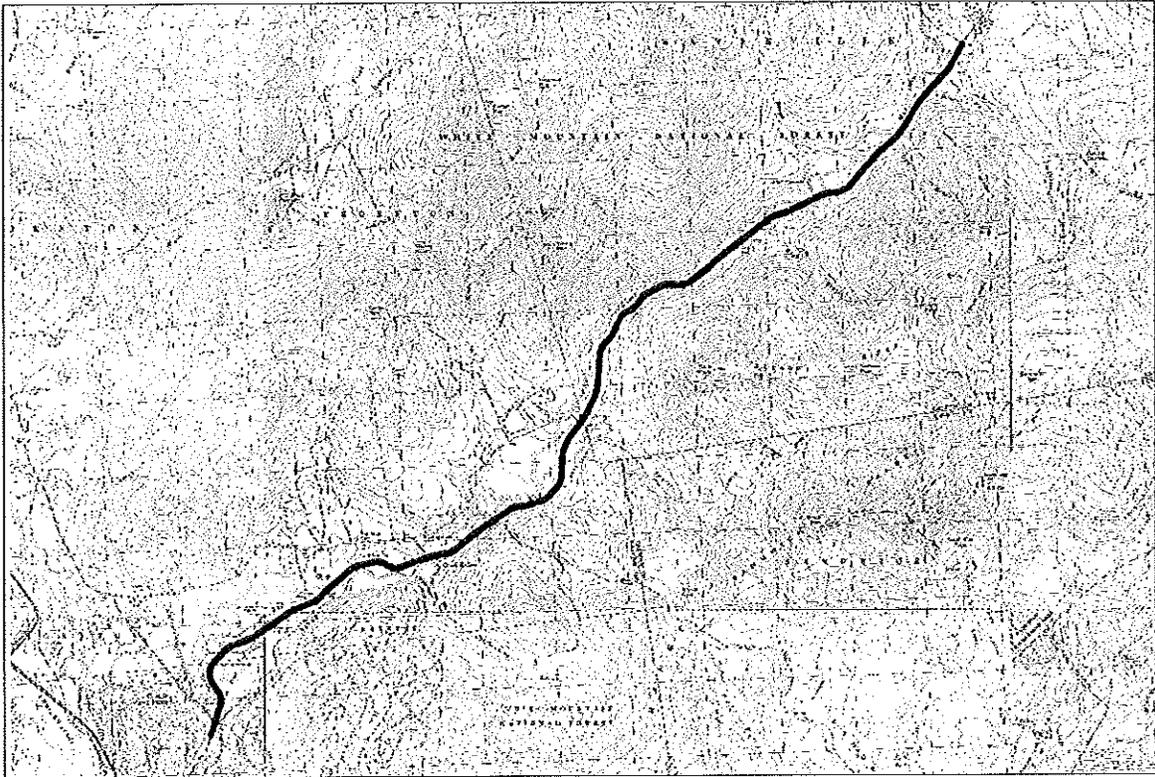
NEW HAMPSHIRE NATURAL HERITAGE BUREAU  
NHB DATA CHECK RESULTS LETTER

MAP OF PROJECT BOUNDARIES FOR: NHB12-1693

NHB12-1693



NH NATURAL HERITAGE BUREAU



165000

Valid for one year from this date: 10 Jul 2012



## New Hampshire Natural Heritage Bureau

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**To:** Christine Perron  
7 Hazen Drive  
Concord, NH 03302

**Date:** 7/25/2012

**From:** NH Natural Heritage Bureau

**Re:** Review by NH Natural Heritage Bureau of request dated 7/25/2012

NHB File ID: NHB12-1967

Applicant: Christine Perron

Location: Tripoli Road from NH Route 49 to West Branch Rd  
Waterville Valley

Project Description: Repaving

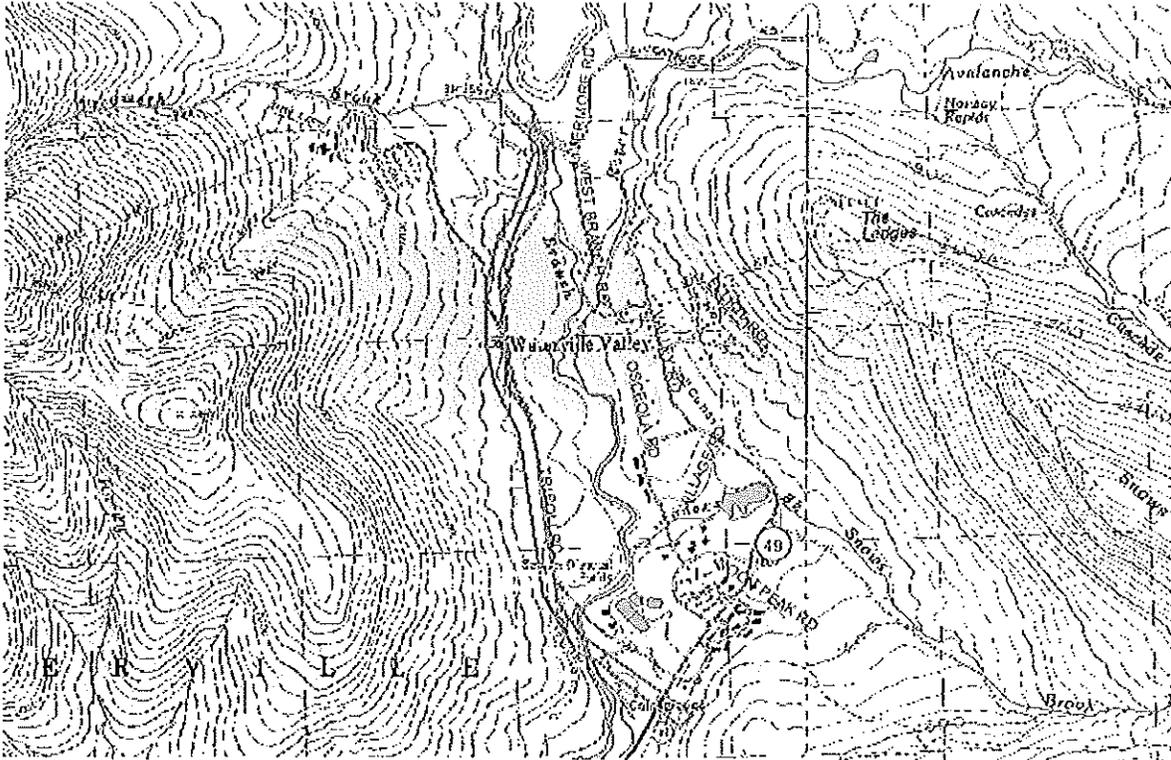
The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded occurrences for sensitive species near this project area.

A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

This report is valid through 7/24/2013.



MAP OF PROJECT BOUNDARIES FOR NHB FILE ID: NHB12-1967





# United States Department of the Interior



## FISH AND WILDLIFE SERVICE

New England Field Office  
70 Commercial Street, Suite 300  
Concord, NH 03301-5087  
<http://www.fws.gov/newengland>

January 17, 2012

To Whom It May Concern:

This project was reviewed for the presence of federally listed or proposed, threatened or endangered species or critical habitat per instructions provided on the U.S. Fish and Wildlife Service's New England Field Office website:

(<http://www.fws.gov/newengland/EndangeredSpec-Consultation.htm>)

Based on information currently available to us, no federally listed or proposed, threatened or endangered species or critical habitat under the jurisdiction of the U.S. Fish and Wildlife Service are known to occur in the project area(s). Preparation of a Biological Assessment or further consultation with us under section 7 of the Endangered Species Act is not required. No further Endangered Species Act coordination is necessary for a period of one year from the date of this letter, unless additional information on listed or proposed species becomes available.

Thank you for your cooperation. Please contact Mr. Anthony Tur of this office at 603-223-2541 if we can be of further assistance.

Sincerely yours,

Thomas R. Chapman  
Supervisor  
New England Field Office

**Christine Perron**

---

**From:** Mattrick, Christopher J -FS [cmattrick@fs.fed.us]  
**Sent:** Thursday, July 26, 2012 6:57 AM  
**To:** Christine Perron  
**Subject:** RE: NHDOT Project - Campton-Thornton-Waterville Valley 22732

Not directly along the road other than coltsfoot.

Christopher Mattrick  
Acting District Ranger  
Rochester and Middlebury Ranger Districts  
Green Mountain National Forest  
99 Ranger Road  
Rochester, VT 05767  
802-767-4261 ext. 513  
603-238-7724 (cell)

**From:** Christine Perron [mailto:CPerron@dot.state.nh.us]  
**Sent:** Wednesday, July 25, 2012 12:08 PM  
**To:** Mattrick, Christopher J -FS; Weise, Amanda K -FS  
**Subject:** RE: NHDOT Project - Campton-Thornton-Waterville Valley 22732

Chris,  
I was just told that the paving project will now include Tripoli Road (to West Branch Rd). Are you aware of any invasive plants along Tripoli Road?  
Thanks,  
Christine

**Christine Perron**  
Senior Environmental Manager  
NH Department of Transportation  
Bureau of Environment  
7 Hazen Drive, Concord, NH 03302  
Ph: (603) 271-3717  
Fax: (603) 271-7199  
[cperron@dot.state.nh.us](mailto:cperron@dot.state.nh.us)

-----Original Message-----

**From:** Mattrick, Christopher J -FS [mailto:cmattrick@fs.fed.us]  
**Sent:** Tuesday, July 10, 2012 5:30 PM  
**To:** Christine Perron; Weise, Amanda K -FS  
**Subject:** RE: NHDOT Project - Campton-Thornton-Waterville Valley 22732

Christine,

I am not aware of any invasives along the route 49 corridor within the WMNF. There are multiple species at the 49 bridge at the Mad River near Mountain Shadow Farm.

Christopher Mattrick  
Acting District Ranger  
Rochester and Middlebury Ranger Districts  
Green Mountain National Forest  
99 Ranger Road

Rochester, VT 05767  
802-767-4261 ext. 513  
603-238-7724 (cell)

---

**From:** Christine Perron [<mailto:CPerron@dot.state.nh.us>]  
**Sent:** Tuesday, July 10, 2012 9:51 AM  
**To:** Weise, Amanda K -FS  
**Cc:** Mattrick, Christopher J -FS  
**Subject:** NHDOT Project - Campton-Thornton-Waterville Valley 22732

Good morning Amanda,

The NHDOT is planning the subject project, which involves a full-width overlay of the existing paved roadway, as well as resetting guardrail blocks to raise the height of existing rail. The project is located on NH Route 49 from the intersection with NH Route 175 in Campton to the intersection of Tripoli Road in Waterville Valley. At this time, it is anticipated that all work will be within the footprint of the roadway and guardrail. Since much of the project is within the WMNF, I wanted to check with you and Chris to find out if there are any roadside populations of invasive plants that are currently being treated that we should make the contractor aware of. I will also be completing a field review.

Thanks for your help,  
Christine

**Christine Perron**  
Senior Environmental Manager  
NH Department of Transportation  
Bureau of Environment  
7 Hazen Drive, Concord, NH 03302  
Ph: (603) 271-3717  
Fax: (603) 271-7199  
[cperron@dot.state.nh.us](mailto:cperron@dot.state.nh.us)

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STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION  
BUREAU OF ENVIRONMENT

NOTE TO FILE

Date: July 6, 2012

From: <sup>CJP</sup>Christine Perron  
Senior Environmental Manager  
Bureau of Environment

Subject: Campton-Thornton-Waterville Valley  
22732  
X-A002(378)

**RE: Special Flood Hazard Areas**

The subject project is located on NH Route 49 from the intersection with NH Route 175 in Campton to the intersection of Tripoli Road in Waterville Valley, and also includes a portion of Tripoli Road from NH Route 49 to West Branch Road. NH Route 49 runs parallel to the Mad River and sections of the roadway encroach upon or cross the special flood hazard area (100-year floodplain) as shown on the Flood Insurance Rate Maps.

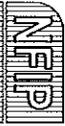
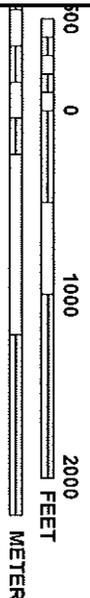
The project involves a full-width overlay of the existing paved roadway, as well as resetting guardrail blocks to raise the height of existing rail. The work as proposed will not present any new obstruction to the floodplain and will not alter existing drainage patterns. For these reasons, no further coordination with the NH Floodplain Management Program or the Federal Emergency Management Agency is required.

99000 FT

99500 FT



MAP SCALE 1" = 1000'



PANEL 0835E

**FIRM**

**FLOOD INSURANCE RATE MAP**

GRAFTON COUNTY,  
NEW HAMPSHIRE  
(ALL JURISDICTIONS)

PANEL 835 OF 1185

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUBSEX
CAMPTON, TOWN OF	330048	0835	E
THORNTON TOWN OF	330075	0835	E

Notice to User: The Map Number shown below should be used when placing map orders, the Community Number shown above should be used on insurance applications for the subject community.



MAP NUMBER  
33009C0835E

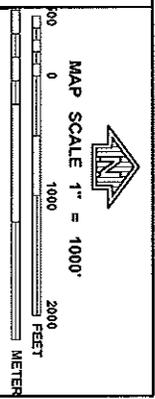
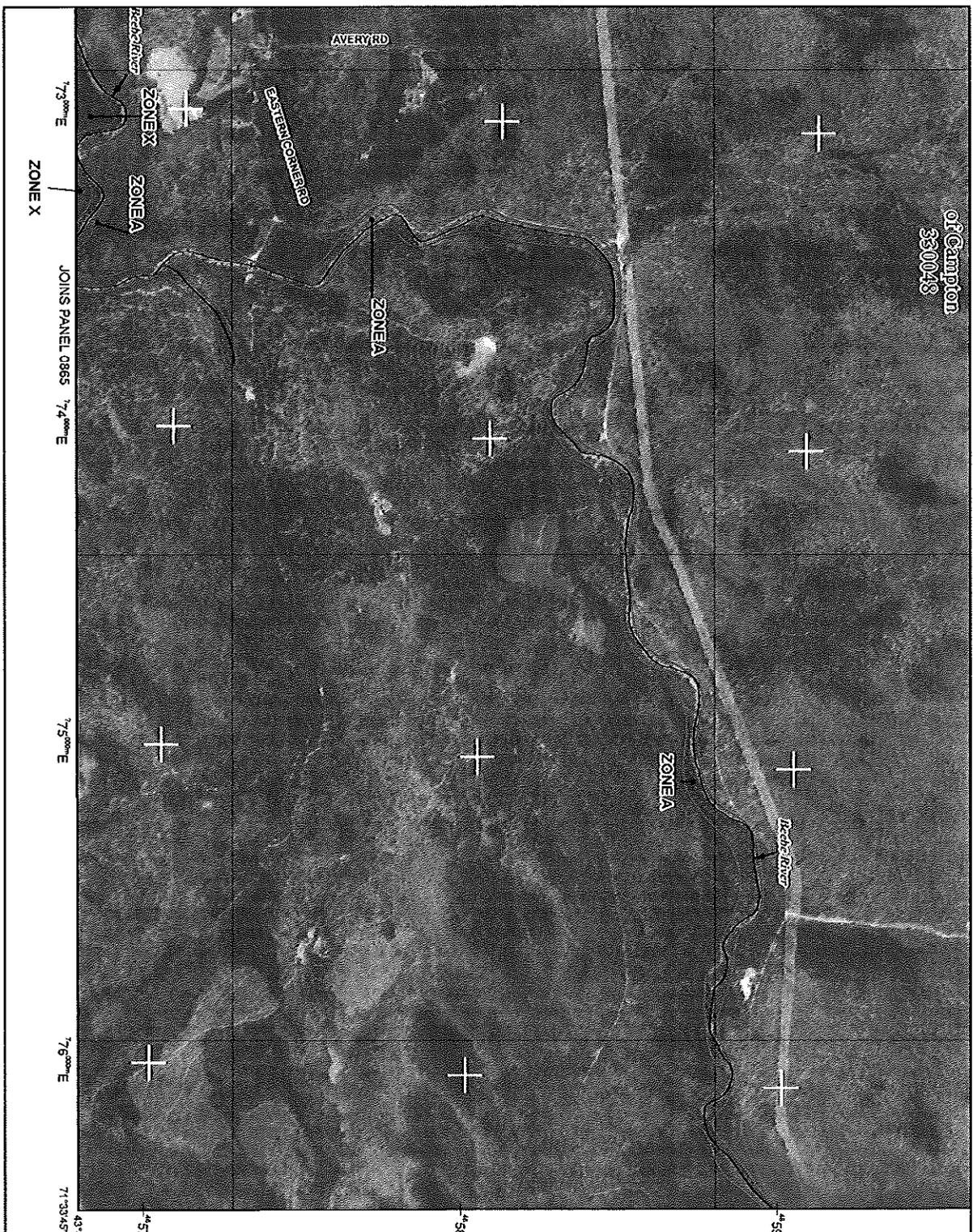
EFFECTIVE DATE  
FEBRUARY 20, 2008

Federal Emergency Management Agency

NATIONAL FLOOD INSURANCE PROGRAM

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.nfsc.fema.gov](http://www.nfsc.fema.gov)

of Grafton  
330048



**NFIP**  
NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0855E

**FIRM**  
FLOOD INSURANCE RATE MAP

GRAFTON COUNTY,  
NEW HAMPSHIRE  
(ALL JURISDICTIONS)

PANEL 855 OF 1185

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS	NUMBER	PANEL	SHEET
GRAFTON TOWN OF	30000	855	1
GRAFTON TOWN OF	30000	856	1

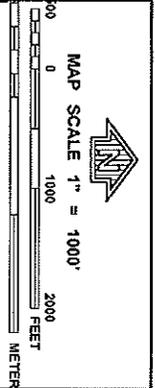
Notes to User: This map number refers to the actual map sheet. The map sheet is the actual map sheet. The map sheet is the actual map sheet. The map sheet is the actual map sheet.

MAP NUMBER  
33009C0855E

EFFECTIVE DATE  
FEBRUARY 20, 2008

Federal Emergency Management Agency

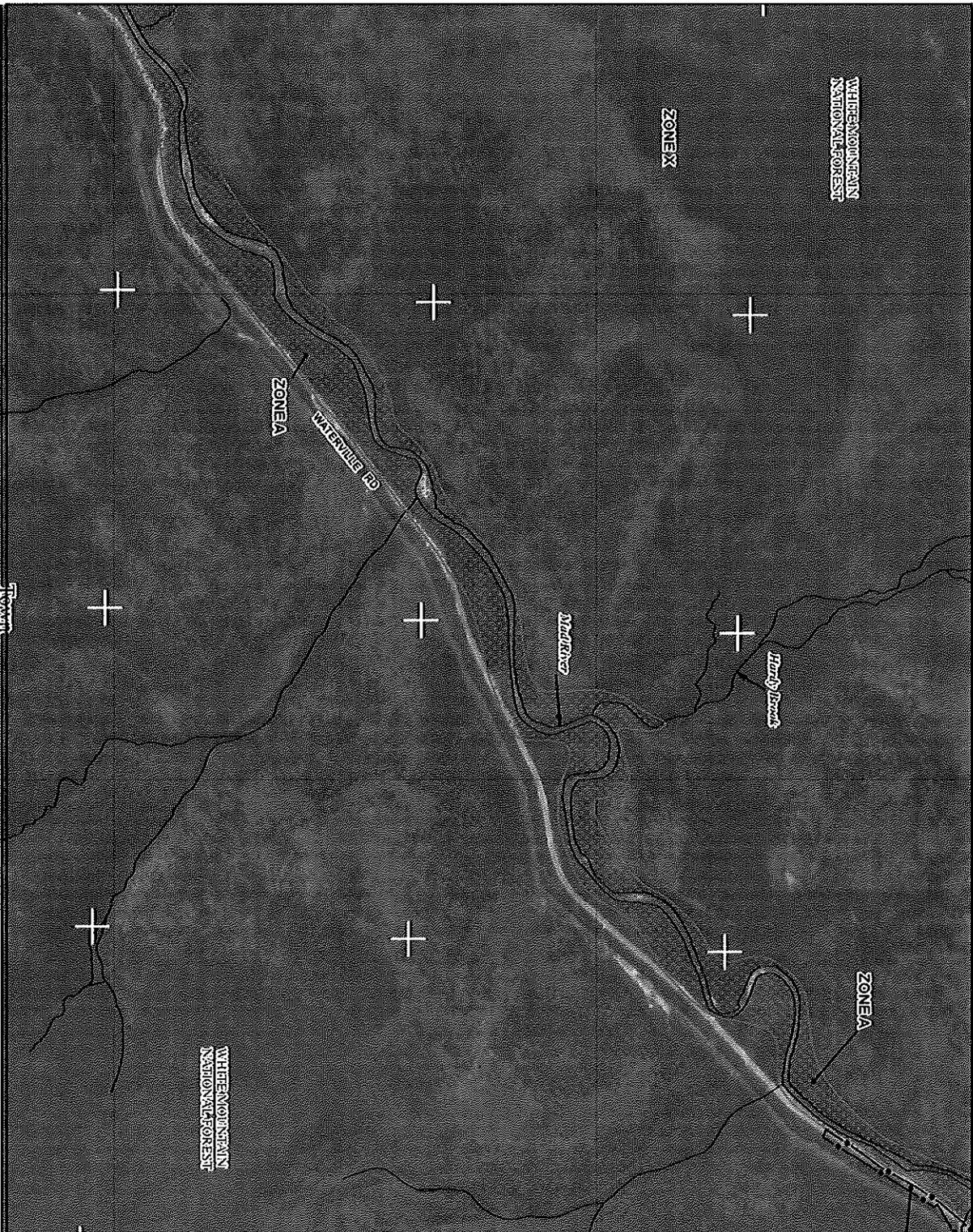
This is an official copy of a portion of the above referenced flood map. It was prepared using the data provided to the Federal Emergency Management Agency. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.fema.gov.



<b>NATIONAL FLOOD INSURANCE PROGRAM</b>	
<b>NFIP</b>	PANEL 0865E
<b>FIRM</b>	
<b>FLOOD INSURANCE RATE MAP</b>	
GRAFTON COUNTY, NEW HAMPSHIRE (ALL JURISDICTIONS)	
PANEL 865 OF 1185	
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)	
COMMANTEE	NARRIS, PAUL, SUZUKI
INSURANCE TOWN OR	33075 0865
INVESTMENT TOWN	20077 0865
<p>Map is to be used: The Map Number System should be used to identify the panel. The panel number should be used to identify the map. The map number should be used to identify the map. The map number should be used to identify the map.</p>	
<p>MAP NUMBER 3309C0865E</p>	
<p>EFFECTIVE DATE FEBRUARY 20, 2008</p>	
<p>Federal Emergency Management Agency</p>	

This is an edited copy of a portion of the above referenced flood map. It was extracted using E-Chart Online. This map does not reflect changes to the flood. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.fema.gov](http://www.fema.gov)





WHITE MOUNTAIN  
NATIONAL FOREST

ZONEB

ZONEA

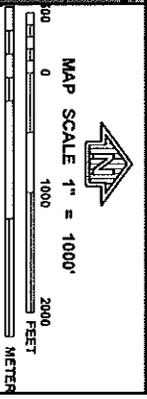
WATERVILLE RD

MARY

Birch Brook

ZONEA

WHITE MOUNTAIN  
NATIONAL FOREST



**NFIP**  
FEDERAL EMERGENCY MANAGEMENT AGENCY

**PANEL 0870E**

**FIRM**  
FLOOD INSURANCE RATE MAP

GRAFTON COUNTY,  
NEW HAMPSHIRE  
(ALL JURISDICTIONS)

PANEL 570 OF 1185

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

DATE	REVISION	BY	APP'D
03/04	1	...	...
03/04	2	...	...
03/04	3	...	...
03/04	4	...	...
03/04	5	...	...
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03/04	8	...	...
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03/04	10	...	...
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MAP NUMBER 3300SCH670E  
EFFECTIVE DATE FEBRUARY 20, 2008

Federal Emergency Management Agency

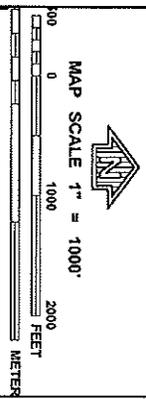
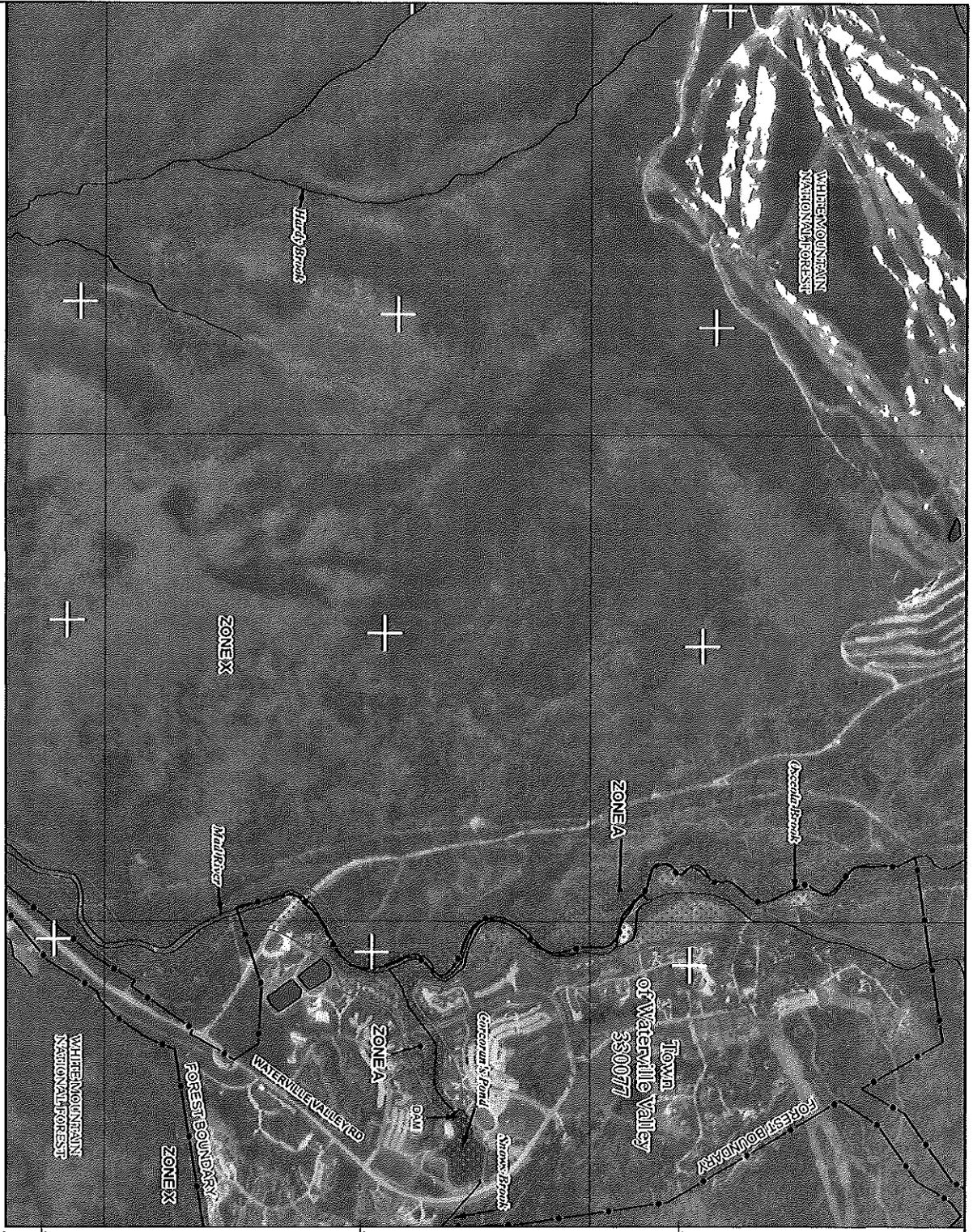
This is an official copy of a portion of the above referenced flood map. It is not a complete map. For more information, contact the National Flood Insurance Program. For the latest product information about National Flood Insurance Program flood maps, contact the FEMA Flood Maps Store at [www.fema.gov](http://www.fema.gov).



JONES-PANEL-0970

Map 0970

7-2007



**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM**  
FLOOD INSURANCE RATE MAP

PANEL 0660E

GRAYTON COUNTY,  
NEW HAMPSHIRE  
(ALL JURISDICTIONS)  
PANEL 660 OF 1165

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTRACT NUMBER	330003	DATE	5/00
CONTRACT COUNTY	NEW HAMPSHIRE	DATE	5/00
CONTRACT PANEL	0660E	DATE	5/00

MAP NUMBER  
330003C0660E

EFFECTIVE DATE  
FEBRUARY 20, 2008

Federal Emergency Management Agency

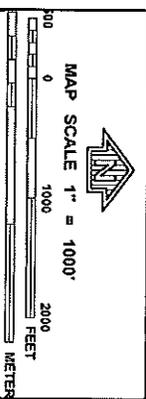
This is an official copy of a portion of the above referenced flood map. It was prepared using Flood Zone data. This map does not reflect changes to the flood zone. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Maps Store at [www.fema.gov](http://www.fema.gov)

# LEGEND

## SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, AV, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

- ZONE A** No Base Flood Elevations determined.
- ZONE AE** Base Flood Elevations determined.
- ZONE AH** Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
- ZONE AO** Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
- ZONE AR** Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
- ZONE AV** Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
- ZONE VE** Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
- FLOODWAY AREAS IN ZONE AE** Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.
- OTHER FLOOD AREAS** Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.
- OTHER AREAS** Areas determined to be outside the 0.2% annual chance floodplain. Areas in which flood hazards are undetermined, but possible.
- COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS** CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.
- OTHERWISE PROTECTED AREAS (OPAs)** 1% annual chance floodplain boundary
- 0.2% annual chance floodplain boundary
- Floodway boundary
- Zone D boundary
- CBRS and OPA boundary
- Boundary dividing Special Flood Hazard Area Zones and Floodway
- Boundary dividing Special Flood Hazard Areas of different Base Flood Elevations; flood depths of flood velocities.



**NATIONAL FLOOD INSURANCE PROGRAM**

**FIRM**

**FLOOD INSURANCE RATE MAP**

GRAFTON COUNTY,  
NEW HAMPSHIRE  
(ALL JURISDICTIONS)

PANEL 865 OF 1185

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTRACT NO. 2007010001

EFFECTIVE DATE  
FEBRUARY 20, 2008

MAP NUMBER  
33009C0685SE

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It is not to be used for any other purpose. For the latest product information about National Flood Insurance Program flood maps, check the FEMA Flood Maps Store at [www.fema.gov](http://www.fema.gov).

STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION  
BUREAU OF ENVIRONMENT

NOTE TO FILE

Date: July 25, 2012

From: <sup>CSP</sup>Christine Perron  
Senior Environmental Manager  
Bureau of Environment

Subject: Campton-Thornton-Waterville Valley  
22732  
X-A002(378)

**RE: Cultural Resources**

The subject project is located on NH Route 49 from the intersection with NH Route 175 in Campton to the intersection of Tripoli Road in Waterville Valley, and also includes a portion of Tripoli Road from NH Route 49 to West Branch Road. The project involves a full-width overlay of the existing paved roadway, as well as resetting guardrail blocks to raise the height of existing rail. Much of the project area is located within or adjacent to the White Mountain National Forest (WMNF). Officials from the WMNF are in full concurrence with the project as proposed.

All proposed work will be located within the existing roadway footprint. No drainage, slope, or bridge work is proposed. The project was reviewed with the Department's Cultural Resources Manager and it was determined that, given the project's limited scope, no further review of potential cultural resources was warranted. If the scope of work changes or the Contractor proposes work in previously undisturbed areas, the Bureau of Environment will review the changes prior to construction.

STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION  
BUREAU OF ENVIRONMENT

NOTE TO FILE

Date: July 10, 2012

From: <sup>CSP</sup>Christine Perron  
Senior Environmental Manager  
Bureau of Environment

Subject: Campton-Thornton-Waterville Valley  
22732  
X-A002(378)

**RE: Water Quality**

The subject project is located on NH Route 49 from the intersection with NH Route 175 in Campton to the intersection of Tripoli Road in Waterville Valley, and also includes a portion of Tripoli Road from NH Route 49 to West Branch Road. Much of the project area is located within or adjacent to the White Mountain National Forest (WMNF). All surface waters within the WMNF are designated as Outstanding Resource Waters; therefore, water quality must be maintained and protected per Env-Wq 1708.05. There are also Wellhead Protection Areas and Drinking Water Source Protection Areas within the limits of the project. No surface waters within the project area are listed as impaired by the NH Department of Environmental Services.

The project involves a full-width overlay of the existing paved roadway, as well as resetting guardrail blocks to raise the height of existing rail. The work as proposed will not alter existing drainage patterns and will not change the area of impervious surface. Stringent Best Management Practices will be utilized to prevent impacts to water quality during construction. For these reasons, the project is not expected to result in short-term or long-term degradation of water quality, and fully complies with PART Env-Wq 1708 (Antidegradation).

**STATE OF NEW HAMPSHIRE  
DEPARTMENT OF TRANSPORTATION  
BUREAU OF ENVIRONMENT**

**NOTE TO FILE**

Date: July 27, 2012

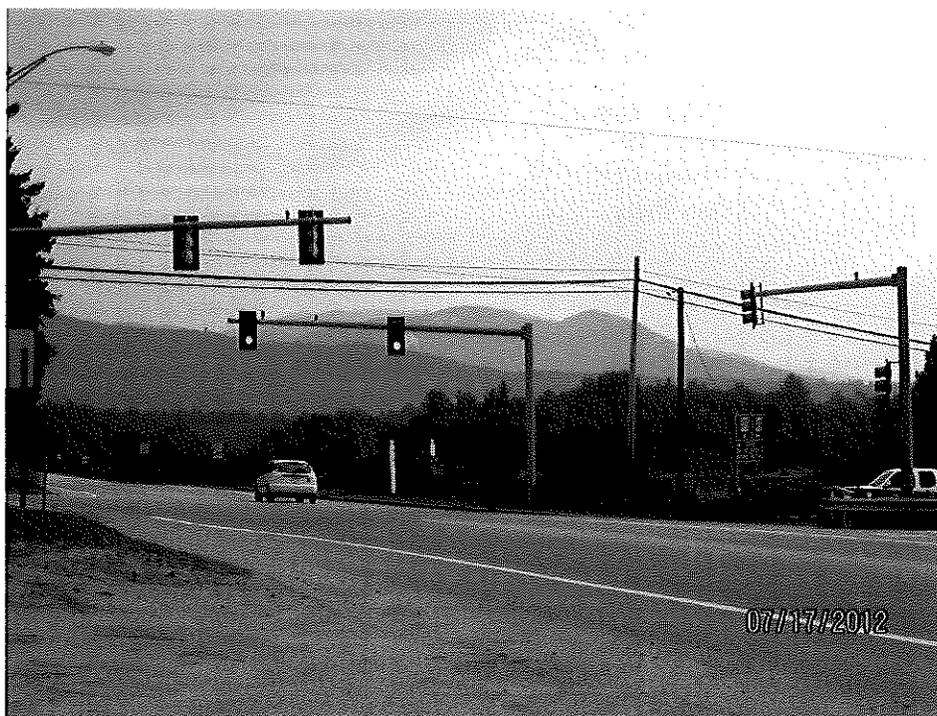
From: <sup>CSP</sup>Christine Perron  
Senior Environmental Manager  
Bureau of Environment

Subject: Campton-Thornton-Waterville Valley  
22732  
X-A002(378)

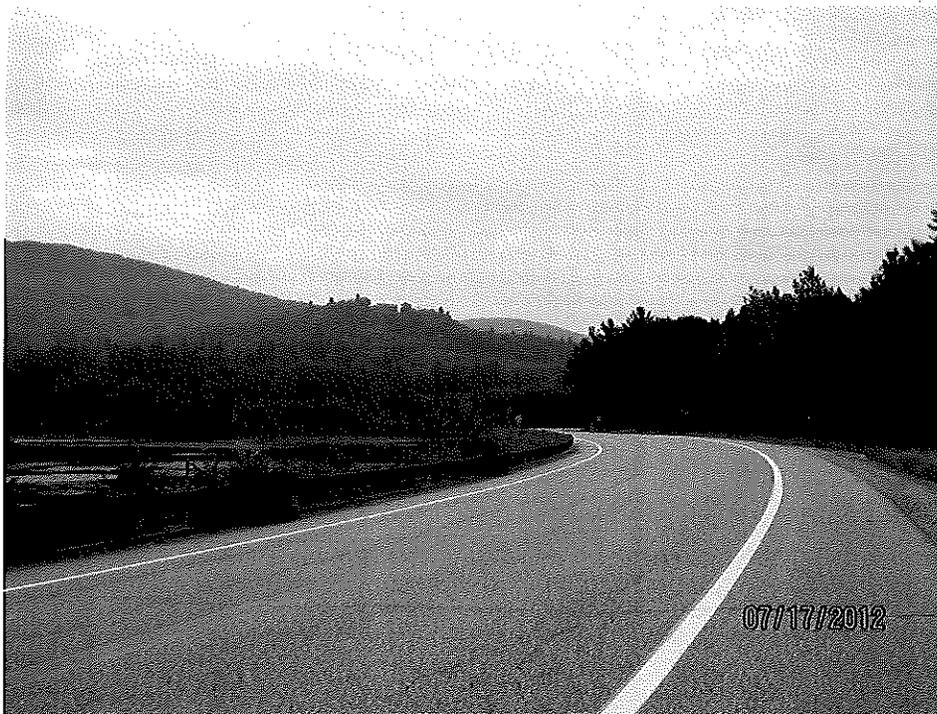
**RE: Contamination**

The subject project is located on NH Route 49 from the intersection with NH Route 175 in Campton to the intersection of Tripoli Road in Waterville Valley, and also includes a portion of Tripoli Road from NH Route 49 to West Branch Road. According to the NHDES OneStop GIS online database, a remediation site is located at 4 Tripoli Road. The site has been reviewed with the NHDOT Contamination Program Manager.

The remediation site consists of a leaking underground storage tank (LUST) (Site ID 199612035) and is located up gradient from Tripoli Road. Monitoring wells are located throughout the site. Monitoring well and test boring JB-104 is located less than 100' off Tripoli Road between the contaminated site and the roadway. The well and boring logs show no record of contamination, indicating that the soil and groundwater directly under Tripoli Road is not contaminated. The subject project will not involve deep excavations and the proposed pavement treatment will be limited to the footprint of the existing roadway. For these reasons, the Contamination Program Manager has no concerns with the work as proposed.

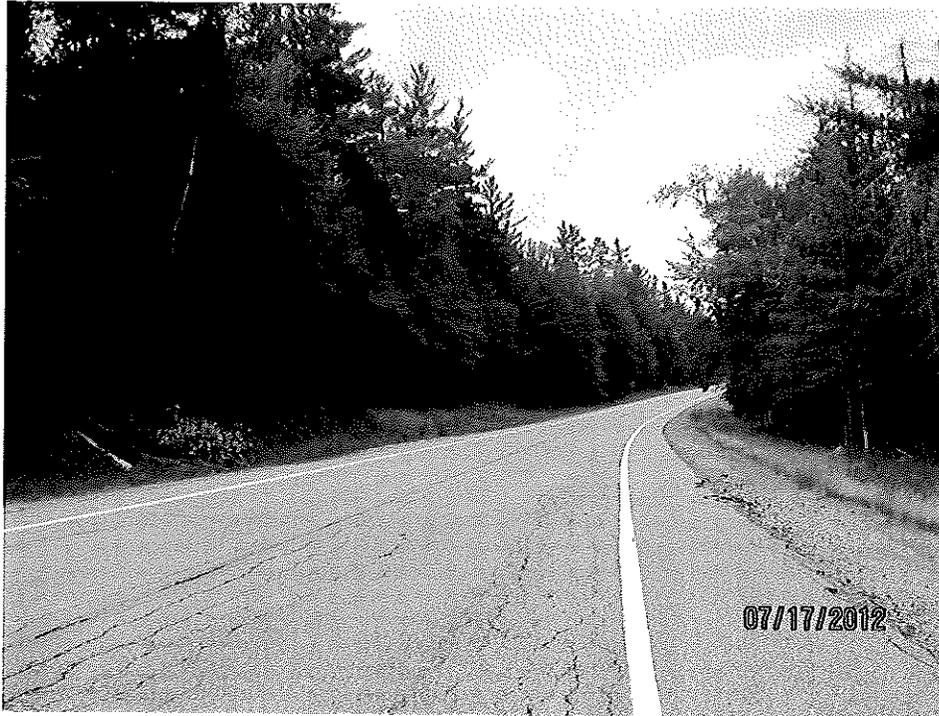


Facing east toward start of project (intersection of NH Routes 49 and 175)



Facing west along NH Route 49

Campton-Thornton-Waterville Valley  
X-A002(378)  
22732

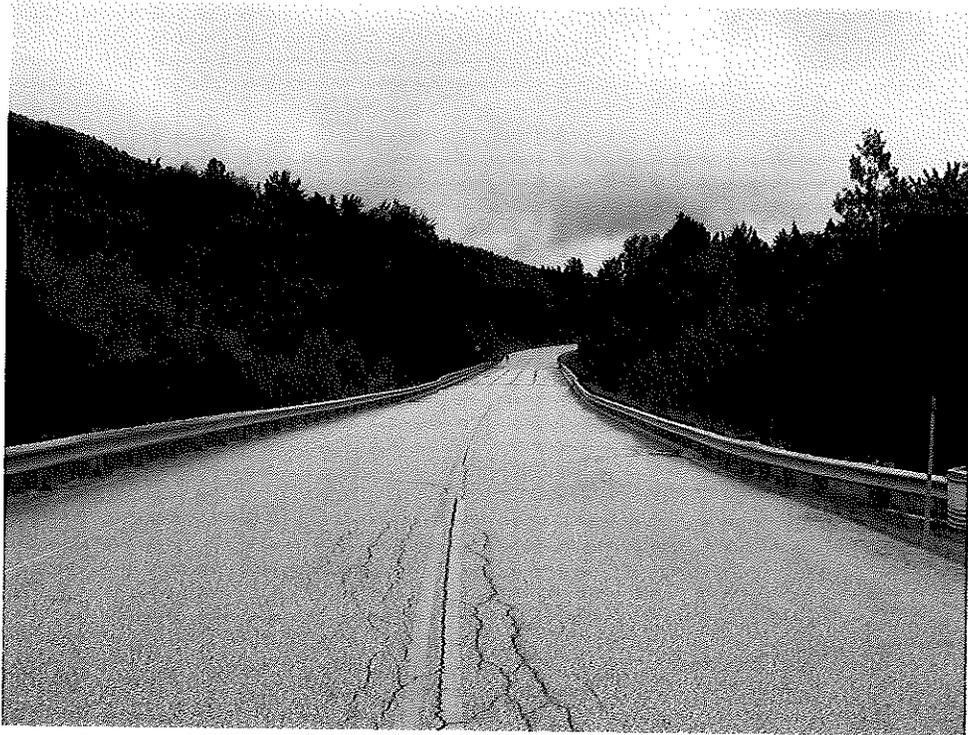


Typical pavement condition on NH Route 49



Typical trailhead on the White Mountain National Forest

Campton-Thornton-Waterville Valley  
X-A002(378)  
22732



View north on Tripoli Road



End of project on Tripoli Road