



STATE OF VERMONT
JOINT FISCAL OFFICE

MEMORANDUM

To: James Reardon, Commissioner of Finance & Management
From: Nathan Lavery, Fiscal Analyst
Date: December 9, 2010
Subject: JFO #2471, #2472

No Joint Fiscal Committee member has requested that the following items be held for review:

JFO #2471 — \$65,474 grant from the Federal Emergency Management Agency (FEMA) to the Department of Public Safety. This grant will support hazard mitigation projects in Marlboro.
[JFO received 11/9/10]

JFO #2472 — \$111,037 grant from the Federal Emergency Management Agency (FEMA) to the Department of Public Safety. This grant will support hazard mitigation projects in Fairfield, Windsor, S. Windsor and Ottauquechee region.
[JFO received 11/9/10]

The Governor's approval may now be considered final. We ask that you inform the Secretary of Administration and your staff of this action.

cc: Thomas Tremblay, Commissioner



STATE OF VERMONT
JOINT FISCAL OFFICE

MEMORANDUM

To: Joint Fiscal Committee Members
From: Nathan Lavery, Fiscal Analyst
Date: November 19, 2010
Subject: Grant Request

Enclosed please find six (6) request that the Joint Fiscal Office has received from the administration.

JFO #2471 — \$65,474 grant from the Federal Emergency Management Agency (FEMA) to the Department of Public Safety. This grant will support hazard mitigation projects in Marlboro. **Expedited review of this item has been requested. Joint Fiscal Committee members will be contacted by December 3 with a request to waive the statutory review period and accept this item.**
[JFO received 11/9/10]

JFO #2472 — \$65,474 grant from the Federal Emergency Management Agency (FEMA) to the Department of Public Safety. This grant will support hazard mitigation projects in Fairfield, Windsor, S. Windsor and Ottauquechee region. **Expedited review of this item has been requested. Joint Fiscal Committee members will be contacted by December 3 with a request to waive the statutory review period and accept this item.**
[JFO received 11/9/10]

JFO #2473 — \$10,000 grant from the State of Connecticut Department of Agriculture to the Agency of Agriculture, Food & Markets. This grant will support a New England regional study to determine if there is a viable option for connecting local growers and producers to institutional markets.
[JFO received 11/17/10]

JFO #2474 — \$500,000 grant from the U.S. Department of Justice to the Vermont Department of Education. This grant will support extended education programs for at-risk school aged children outside of routine school hours.
[JFO received 11/17/10]

JFO #2475 — \$150,000 grant from the U.S. Department of Justice to the Vermont Department of Public Safety. This grant will be used to upgrade Vermont's statewide sex offender registry.
[JFO received 11/17/10]

JFO #2476 — \$400,000 grant from the U.S. Department of Commerce to the Vermont Department of Economic, Housing and Community Development. This funding will assist Vermont businesses in accessing and developing export sales by supporting international trade shows, international export training, international market development, and client resources.

[JFO received 11/17/10]

In accordance with the procedures for processing such requests, we ask you to review the enclosed and notify the Joint Fiscal Office (Nathan Lavery at 802-828-1488; nlavery@leg.state.vt.us) if you have questions or would like an item held for Joint Fiscal Committee review.

cc: James Reardon, Commissioner
Thomas Tremblay, Commissioner
Roger Allbee, Secretary
Armando Vilaseca, Commissioner
Tayt Brooks, Commissioner

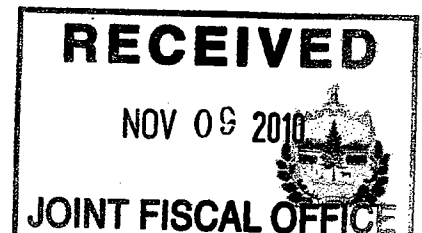
State of Vermont
 Department of Finance & Management
 109 State Street, Pavilion Building
 Montpelier, VT 05620-0401

[phone] 802-828-2376
 [fax] 802-828-2428

Agency of Administration

STATE OF VERMONT
FINANCE & MANAGEMENT GRANT REVIEW FORM

Grant Summary:		FEMA assistance for hazard mitigation projects in Fairfield, Windsor, So. Windsor and Ottauquechee region.			
Date:		10/27/2010			
Department:		Department of Public Safety			
Legal Title of Grant:		Hazard Mitigation Grant Program			
Federal Catalog #:		97.039			
Grant/Donor Name and Address:		US Dept of Homeland Security/FEMA Region I, Boston, Ma.			
Grant Period:		From:	To:		
		8/23/2010	9/6/2012		
Grant/Donation		\$111,037			
	SFY 1	SFY 2	SFY 3	Total	Comments
Grant Amount:	\$111,037	\$	\$	\$111,037	75% federal funding
Position Information:		# Positions	Explanation/Comments		
		0			
Additional Comments:		25% local match of \$37,011 for total project cost of \$148,048.			
Department of Finance & Management		<i>JW/10</i>	(Initial)	DB 10-27-10	
Secretary of Administration		<i>TR 11/2/10</i>	(Initial)		
Sent To Joint Fiscal Office		<i>11/4/10</i>	Date		





Vermont Emergency Management
Department of Public Safety
103 South Main Street
Waterbury, VT 05671-2101
www.dps.state.vt.us/vem

[toll free] 800-347-0488
[phone] 802-244-8721
[TTY] 888-545-7598
[fax] 802-241-5556

To: Joint Fiscal Office, Montpelier
From: Barbara Farr, Director
Subject: Seeking approval for receipt of federal funds
Date: October 14, 2010

Vermont Emergency Management is respectfully requesting an expedited review and approval for three projects (DR 1784 – Town of Marlboro, and DR 1816 – Two Rivers_Ottauquechee Regional Commission, Town of Windsor, Town of Fairfield and Southern Windsor County Regional Planning Commission) for local communities being funded by FEMA’s Hazard Mitigation Grant Program (HMGP). This program is awarded by FEMA to local communities in the aftermath of a federally declared disaster. These hazard mitigation projects are intended for our communities to prevent future damage from natural hazards such as catastrophic flooding and are connected with federally declared disasters DR 1784 (August 15, 2008) and DR 1816 (January 14, 2009). FEMA funding was released only recently due to the often contentious Congressional debate concerning federal expenditures and revenue sources. Vermont has been waiting at least six months for the funds to be released; one community, Marlboro, has been waiting even longer. Extensive delays in the release of FEMA funding have already had a negative impact on some of the communities involved in these approved mitigation projects.

We would greatly appreciate an expedited review by the Joint Fiscal Office so that these mitigation projects can be implemented in our communities as soon as possible. Thank you very much for your consideration in this regard. For additional information, please contact me or the state hazard mitigation officer, Ray Doherty, at (802) 241-5258 or via e-mail at rdoherty@dps.state.vt.us

STATE OF VERMONT REQUEST FOR GRANT ACCEPTANCE (Form AA-1)

BASIC GRANT INFORMATION					
1. Agency:					
2. Department:		Public Safety			
3. Program:		Emergency Management			
4. Legal Title of Grant:		Hazard Mitigation Grant Program			
5. Federal Catalog #:		97.039			
6. Grant/Donor Name and Address: U.S. Dept. of Homeland Security/FEMA Region I 99 High St, Sixth Floor Boston, MA 02110-2132					
7. Grant Period:		From: 8/23/2010	To: 9/6/2012		
8. Purpose of Grant: The Hazard Mitigation Grant Program provides States and local governments financial assistance to implement measures that will permanently reduce or eliminate future damages and losses from natural hazards through safer building practices and improving existing structures and supporting infrastructure.					
9. Impact on existing program if grant is not Accepted: The severe storms that occurred December 2008 resulted in Vermont cities and towns suffering ice storms. The President declared this a federal disaster (#1816) and made federal aid available to mitigate future reoccurring flood problems.					
10. BUDGET INFORMATION					
	SFY 1	SFY 2	SFY 3	Comments	
Expenditures:	FY 2011	FY 2012	FY 2013		
Personal Services	\$	\$	\$		
Operating Expenses	\$	\$	\$		
Grants	\$148,048	\$	\$		
Total	\$148,048	\$	\$		
Revenues:					
State Funds:	\$	\$	\$		
Cash	\$	\$	\$		
In-Kind	\$	\$	\$		
Federal Funds:	\$	\$	\$		
(Direct Costs)	\$111,037	\$	\$		
(Statewide Indirect)	\$	\$	\$		
(Departmental Indirect)	\$	\$	\$		
Other Funds:	\$	\$	\$		
Grant (source Local Match)	\$37,011	\$	\$		
Total	\$148,048	\$	\$		
Appropriation No:	2140030000	Amount:	\$111,037		
			\$		
			\$		

STATE OF VERMONT REQUEST FOR GRANT ACCEPTANCE (Form AA-1)

		\$
		\$
		\$
		\$
	Total	\$111,037

PERSONAL SERVICE INFORMATION

11. Will monies from this grant be used to fund one or more Personal Service Contracts? Yes No
 If "Yes", appointing authority must initial here to indicate intent to follow current competitive bidding process/policy.

Appointing Authority Name: _____ Agreed by: _____ (initial)

12. Limited Service Position Information:	# Positions	Title
Total Positions		

12a. Equipment and space for these positions: Is presently available. Can be obtained with available funds.

13. AUTHORIZATION AGENCY/DEPARTMENT

I/we certify that no funds beyond basic application preparation and filing costs have been expended or committed in anticipation of Joint Fiscal Committee approval of this grant, unless previous notification was made on Form AA-1PN (if applicable):	Signature:	Date:
	Title: Commissioner <i>Thomas E. Tully</i>	10/22/10
	Signature:	Date:
	Title:	

14. ACTION BY GOVERNOR

<input checked="" type="checkbox"/> Check One Box: Accepted	<i>[Signature]</i> (Governor's signature)	Date: 11/3/10
<input type="checkbox"/> Rejected		

15. SECRETARY OF ADMINISTRATION

<input type="checkbox"/> Check One Box: Request to JFO	<i>[Signature]</i> (Secretary's signature or designee)	Date: 11/2/10
<input type="checkbox"/> Information to JFO		

16. DOCUMENTATION REQUIRED

Required GRANT Documentation

<input type="checkbox"/> Request Memo	<input type="checkbox"/> Notice of Donation (if any)
<input type="checkbox"/> Dept. project approval (if applicable)	<input type="checkbox"/> Grant (Project) Timeline (if applicable)
<input type="checkbox"/> Notice of Award	<input type="checkbox"/> Request for Extension (if applicable)
<input type="checkbox"/> Grant Agreement	<input type="checkbox"/> Form AA-1PN attached (if applicable)
<input type="checkbox"/> Grant Budget	

End Form AA-1

Project Review and Conditions Status

See 44 Code of Federal Regulation Part 10.

Project Name/Number: FEMA HMGP- 1816 – Ryan Road Stabilization, Fairfield, VT

Project Location: Ryan Road is adjacent to VT route 36 and borders Black Creek:
Latitude: 44.811 Longitude: -72.909

Project Description: To mitigate the erosion of Ryan Road caused by the Black Creek flooding and eroding the road, the Town proposes to stabilize the roadbed which would include re-grading and re-shaping the highway, constructing a stone-fill, geotextile-wrapped road shoulder on the downstream side of the road, applying bituminous concrete surface to the road and erecting delineators on the road edges for safety during high water if emergency vehicles need to pass.

Environmental Review Project Conditions

General comments: *N/A*

1. If ground disturbing activities occur during implementation, the applicant will monitor excavation activity, and if any artifacts or human remains are found during the excavation process all work is to cease and the applicant will notify FEMA, Grantee, and SHPO/THPO.
2. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements for the abatement and disposal of lead, asbestos, and other routinely encountered hazardous substances. If there is an unusual material encountered or there is an extraordinary amount of lead, asbestos, or other routinely encountered material the applicant must contact the Grantee and the Grantee must contact FEMA. The applicant must also contact the relevant agency with authority for regulation of the material.
3. If deviations from the proposed scope of work result in design changes, the need for additional ground disturbance, additional removal of vegetation, or result in any other unanticipated changes to the physical environment, the Grantee must contact FEMA, and a re-evaluation under NEPA and other applicable environmental laws will be conducted by FEMA.

Other Required Project Specific Conditions

1. The applicant is required to obtain any applicable permits with the New Hampshire Department of Environmental Protection and the U.S. Army Corps of Engineers if this project is located in a wetland or has an effect on a wetland. All

conditions of any permit acquired become conditions of this grant, and a copy of such permit(s) should be forwarded to FEMA.

2. The culvert must be constructed in such a way as to not inhibit the movement of aquatic organisms, particularly fish. The culvert invert must be placed approximately 6" in the streambed or an arch or bottomless structure must be used.
3. As long as the appropriate soil erosion/siltation control measures and the best management practices for roads and culverts (e.g. placing culvert inverts at or slightly below grade in the bed of the stream to accommodate fish passage, working during low flow summer periods, etc.) are utilized, harm to fish and wildlife will be minimized.
4. The applicant must seed, mulch, and replant any disturbed ground with native shrubs and vegetation. A special effort shall be made to plant native vegetation at higher bank elevations.
5. The applicant must ensure that best managing practices for roads and culverts are utilized, and installation of erosion control. Construction activities that result in disturbed ground must be protected against erosion into the stream. The Town must follow the Clean Water Act's: "Best Management Practices, BMP" for erosion control during construction of this project. This includes, the applicant applying for all local, state, and federal permits and easements necessary to complete the project and obtaining these permits prior to commencement of any work. Any conditions of these permits become conditions of this grant, project, and environmental review. In accordance with FEMA Guidelines, applicants are required to comply with the federal law provisions of: the Water Pollution Control Act, as amended; Section 10 of the Rivers and Harbors Act; and Section 404 of the Clean Water Act, requirements regarding acquisition of appropriate permits or determinations from the U.S. Army Corps of Engineers (USACE) for projects funded by FEMA. All correspondence (including copies of any permits issued by USACE) regarding these determinations should be coordinated with and copies forwarded to FEMA. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements and/or obtain proper local, state, and federal permit concerning this project. Any conditions of this process or these regulations, laws, and policies become conditions of this grant, project, and environmental review.

Monitoring Requirements:

Quarterly Reports and final inspection of scope of work and accounting records are required.

1. As long as the appropriate soil erosion/siltation control measures and the best management practices for roads and culverts (e.g. placing culvert inverts at or

slightly below grade in the bed of the stream to accommodate fish passage, working during low flow summer periods, etc.) are utilized, harm to fish and wildlife will be minimized.

2. The applicant must seed, mulch, and replant any disturbed ground with native shrubs and vegetation. A special effort shall be made to plant native vegetation at higher bank elevations.
3. Commence work during low flow period.
4. Reroute or stop the flow of water into the project site.
5. If necessary, dewater the project site.
6. Excavate unsuitable wash material from site.
7. Remove erosion control measures after the construction area has been stabilized.

Funding

Total Cost of Project: \$ 67,485

Federal Share. \$ 50,614 ✓

Applicant Share \$ 16,871

All permits must be obtained and forwarded to FEMA before any work begins.

- **Any deviation from this scope of work, conditions or funding must be approved in advance, in writing.**
- **Applicants must comply with HMGP requirements, grants management procedures in 44 CFR Part 13, the grant agreement, and applicable Federal State, and laws and standards.**

COPY

U.S. Department of Homeland Security
Region I
99 High Street, Sixth Floor
Boston, MA 02110-2132

RECEIVED
OCT 11 2010
DPS - ACCT



FEMA

September 27, 2010

Ms. Barbara Farr, Director
Vermont Emergency Management Agency
Dept of Public Safety
103 South Main Street
Waterbury, VT 05671-2101

SUBJECT: FEMA-DR-~~1816~~-VT
Hazard Mitigation Grant Program Project #6R
Ryan Road Stabilization Project, Town of Fairfield, VT

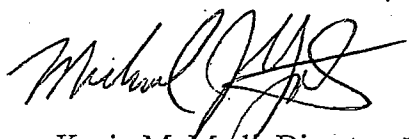
Dear Ms. Farr:

Enclosed please find the Regional Environmental Officer's Record of Environmental Consideration and the Allocation, Obligation, Financial Activity and Project Management reports for the following Hazard Mitigation Grant Program project:

1816-6R	Town of Fairfield Ryan Road Stabilization Project	\$ 50,614
	Total:	\$ 50,614

If you have any questions, please do not hesitate to call Judith Maloney at our Hazard Mitigation Office at (617) 832-4797.

Sincerely,


Kevin M. Meth, Director *Fol*
Mitigation Division

Attachment

Record of Environmental Consideration

See 44 Code of Federal Regulation Part 10.

Project Name/Number: FEMA HMGP- 1816 – Ryan Road Stabilization, Fairfield, VT

Project Location: Ryan Road is adjacent to VT route 36 and borders Black Creek:

Latitude: 44.811 Longitude: -72.909

Project Description: To mitigate the erosion of Ryan Road caused by the Black Creek flooding and eroding the road, the Town proposes to stabilize the roadbed which would include re-grading and re-shaping the highway, constructing a stone-fill, geotextile-wrapped road shoulder on the downstream side of the road, applying bituminous concrete surface to the road and erecting delineators on the road edges for safety during high water if emergency vehicles need to pass.

Documentation Requirements

- No Documentation Required (Review Concluded)
- (Short version) All consultation and agreements implemented to comply with the National Historic Preservation Act, Endangered Species Act, and Executive Orders 11988, 11990 and 12898 are completed and no other laws apply. (Review Concluded)
- (Long version) All applicable laws and executive orders were reviewed. Additional information for compliance is attached to this REC.

National Environmental Policy Act (NEPA) Determination

- Statutorily excluded from NEPA review. (Review Concluded)
- Categorical Exclusion - Category (xv & xvi) Type Single Project
 - No Extraordinary Circumstances exist.
 - Are project conditions required? Yes (see section V) No (Review Concluded)
 - Extraordinary Circumstances exist (See Section IV).
 - Extraordinary Circumstances mitigated. (See Section IV comments)
 - Are project conditions required? Yes (see section V) No (Review Concluded)
 - Environmental Assessment required. See FONSI for determination, conditions and approval.
- Environmental Assessment required. See FONSI for determination, conditions and approval.

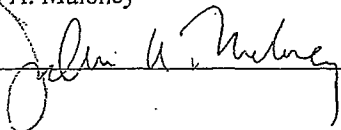
Comments: This is a project within the area of previously disturbed ground.
Correspondence/Consultation/References: Project Description; Based on information provided by the grantee, the scope of work for this project qualifies as a Categorical Exclusion (CATEX) under 44 CFR Part 10.8 (d)(2)(xv & xvi)

Reviewer and Approvals

FEMA Environmental Reviewer

Name: Judith A. Maloney

Signature



Date

2-16-10

FEMA Regional Environmental Officer or delegated approving official

Reviewer Name: Judith A. Maloney

Applicant: Town of Fairfield, VT

Disaster/Emergency/Program/Project Title: FEMA HMGP- 1816- Ryan Road Stabilization

Name: John P. Sullivan

Signature [Handwritten Signature] Date 2/17/10

I. Compliance Review for Environmental Laws (other than NEPA)

A. National Historic Preservation Act

- Not type of activity with potential to affect historic properties. **(Review Concluded)**
- Applicable executed Programmatic Agreement. Otherwise, conduct standard Section 106 review.
 - Activity meets Programmatic Allowance # B.I.B; III.A&B
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**

HISTORIC BUILDINGS AND STRUCTURES

- No historic properties 50 years or older in project area. **(Review Concluded)**
- Building or structure 50 years or older in project area and activity not exempt from review.
 - Determination of No Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**
 - Determination of Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)
 - Property a National Historic Landmark and National Park Service was provided early notification during the consultation process. If not, explain in comments
 - No Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file).
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**
 - Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file)
 - Resolution of Adverse Effect completed. (MOA on file)
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**

ARCHEOLOGICAL RESOURCES

- Project affects only previously disturbed ground. **(Review Concluded)**
- Project affects undisturbed ground.
 - Project area has no potential for presence of archeological resources
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence or consultation on file). **(Review Concluded)**
 - Project area has potential for presence of archeological resources
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence on file)
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**
 - Determination of historic properties affected
 - NR eligible resources not present (FEMA finding/SHPO/THPO concurrence on file).
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**
 - NR eligible resources present in project area. (FEMA finding/ SHPO/THPO concurrence on file)
 - No Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**
 - Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
 - Resolution of Adverse Effect completed. (MOA on file)
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**

Comments: Project meets programmatic agreement allowances. No consultation is required.
Correspondence/Consultation/References: FEMA, VEM, SHPO Programmatic Agreement dated 2002.

B. Endangered Species Act

- No listed species and/or designated critical habitat present in the action area. **(Review Concluded)**
- Listed species and/or designated critical habitat present in the action area.
 - No effect to species or designated critical habitat. (See comments for justification) **(Review Concluded)**

Reviewer Name: Judith A. Maloney

Applicant: Town of Fairfield, VT

Disaster/Emergency/Program/Project Title: FEMA HMGP- 1816- Ryan Road Stabilization

- May affect, but not likely to adversely affect species or designated critical habitat (FEMA determination/USFWS/NMFS concurrence on file) **(Review Concluded)**
 - Likely to adversely affect species or designated critical habitat
 - Formal consultation concluded. (Biological Assessment and Biological Opinion on file)
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: No Listed Species and/or designated critical habitat present in areas affected directly or indirectly by the federal action. "No species" letter from USFWS dated 4 Jan 2010.
Correspondence/Consultation/References: U.S. Fish and Wildlife Service Endangered Species web site and VT Fish and Game Nongame and Natural Heritage Program web site.

C. Coastal Barrier Resources Act

- Project is not located in Coastal Barriers Resource System or Otherwise Protected Area.
 - Project does not affect a coastal barrier within the COBRA System (regardless of in or out) **(Review Concluded)**
 - Project is located in a coastal barrier system and/or affects a coastal barrier. (FEMA determination/USFWS consultation on file)
 - Proposed action an exception under Section 3505.a.6? **(Review Concluded)**
 - Proposed action not excepted under Section 3505.a.6.
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: This project is not in or near a coastal area.
Correspondence/Consultation/References: Coastal Barrier Resources Act, N.E. maps

D. Clean Water Act

- Project site located outside of and would not affect any waters of the U.S. **(Review Concluded)**
 - Project site located in or would affect waters, including wetlands, of the U.S.
 - Project exempted as in kind replacement or other exemption. **(Review Concluded)**
 - Project may require Section 404/401/10 permit, including qualification under Nationwide Permits.
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: This project may require permits from appropriate local, State, and Federal agencies. Additionally, construction activities that result in disturbed ground must be protected against erosion into the stream. The Town must follow the Clean Water Act, "Best Management Practices BMP". The Town must contact the U.S. Army Corps of Engineers to inquire if a permit is required. The Town will need to obtain all necessary permits from relevant state agencies after the project specifications have been completed and before work begins.
Correspondence / Consultation / References: Section 404 of the Clean Water Act, (Re: determinations and acquisition of appropriate permits), and local Conservation Commission regulations.

E. Coastal Zone Management Act

- Project does not affect a coastal zone area (regardless of in or out)- **(Review concluded)**
 - Project is not located in a coastal zone area - **(Review concluded)**
 - Project is located in a coastal zone area and/or affects the coastal zone
 - State administering agency does not require consistency review. **(Review Concluded)**
 - State administering agency requires consistency review.
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: N/A - this project is not in or near a coastal area
Correspondence/Consultation/References: Google Earth search/map of Vermont

F. Fish and Wildlife Coordination Act

- Project is not located in or affects a waterway/body of water. **(Review Concluded)**
- Project affects, controls or modifies a waterway/body of water.
 - Coordination with USFWS conducted
 - No Recommendations offered by USFWS. **(Review Concluded)**

Reviewer Name: Judith A. Maloney

Applicant: Town of Fairfield, VT

Disaster/Emergency/Program/Project Title: FEMA HMGP- 1816- Ryan Road Stabilization

- Recommendations provided by USFWS.
- Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: No Listed Species and/or designated critical habitat present in areas affected directly or indirectly by the federal action. "No species" letter from USFWS dated 4 Jan 2010.

Correspondence/Consultation/References: U.S. Fish and Wildlife Service Endangered Species web site and VT Fish and Game Nongame and Natural Heritage Program web site.

G. Clean Air Act

- Project will not result in permanent air emissions. (Review Concluded)
- Project is located in an attainment area. (Review Concluded)
- Project is located in a non-attainment area.
 - Coordination required with applicable state administering agency.
 - Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: Any emissions from construction equipment will be temporary in nature. Only minimal, temporary dust and increased emissions from construction vehicles caused by a routine construction project might occur.

Correspondence/Consultation/References: project description

H. Farmlands Protection Policy Act

- Project does not affect prime or unique farmland. (Review Concluded)
- Project causes unnecessary or irreversible conversion of prime or unique farmland.
 - Coordination with Natural Resource Conservation Commission required.
 - Farmland Conversion Impact Rating, Form AD-1006, completed.
 - Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: No commitment of farm lands. No intrusion into existing farmland will occur.

Correspondence/Consultation/References: See project description.

I. Migratory Bird Treaty Act

- Project not located within a flyway zone. (Review Concluded)
- Project located within a flyway zone.
 - Project does not have potential to take migratory birds. (Review Concluded)
 - Project has potential to take migratory birds.
 - Contact made with USFWS
 - Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: N/A This project will not result in the migratory taking of birds.

Correspondence/Consultation/References: The Migratory Bird Treaty Act and Executive Order 13186, project description

J. Magnuson-Stevens Fishery Conservation and Management Act

- Project not located in or near Essential Fish Habitat. (Review Concluded)
- Project located in or near Essential Fish Habitat.
 - Project does not adversely affect Essential Fish Habitat. (Review Concluded)
 - Project adversely affects Essential Fish Habitat (FEMA determination/USFWS/NMFS concurrence on file)
 - NOAA Fisheries provided no recommendation(s) (Review Concluded).
 - NOAA Fisheries provided recommendation(s)
 - Written reply to NOAA Fisheries recommendations completed.
 - Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: No Listed Species and/or designated critical habitat present in areas affected directly or indirectly by the federal action. "No species" letter from USFWS dated 4 Jan 2010.
Correspondence/Consultation/References: U.S. Fish and Wildlife Service Endangered Species web site and VT Fish and Game Nongame and Natural Heritage Program web site.

K. Wild and Scenic Rivers Act

- Project is not along and does not affect a Wild or Scenic River - **(Review Concluded)**
 - Project is along or affects Wild or Scenic River
 - Project adversely affects WSR as determined by NPS/USFS. **FEMA cannot fund the action.** (NPS/USFS/USFWS/BLM consultation on file)
 - Project does not adversely affect WSR. (NPS/USFS/USFWS/BLM consultation on file)
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: N/A – No designated river is impacted by this proposal.
Correspondence/Consultation/References: Review of Web site: <http://www.rivers.gov/wildriverslist.html#vt>

L. Other Relevant Laws and Environmental Regulations

Identify relevant law or regulations, resolution and any consultation/references: *N/A*

II. Compliance Review for Executive Orders

A. E.O. 11988 - Floodplains

- Outside Floodplain and No Effect on Floodplains/Flood levels - **(Review Concluded)**
 - Located in Floodplain or Effects on Floodplains/Flood levels
 - No adverse effect on floodplain or can be adversely affected by the floodplain. **(Review Concluded)**,
 - Beneficial Effect on Floodplain Occupancy/Values **(Review Concluded)**,
 - Possible adverse effects associated with investment in floodplain, occupancy or modification of floodplain environment
 - 8 Step Process Complete - documentation on file
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: Project is located in an area of the 100-year flood with base elevations and flood hazard factors not determined.
Correspondence/Consultation/References: FIRM 500063A 9/27/1985 Zone A

B. E.O. 11990 - Wetlands

- Outside Wetland and No Effect on Wetland(s) - **(Review Concluded)**
 - Located in Wetland or effects Wetland(s)
 - Beneficial Effect on Wetland - **(Review Concluded)**
 - Possible adverse effect associated with constructing in or near wetland
 - Review completed as part of floodplain review
 - 8 Step Process Complete - documentation on file
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: The project does not have an adverse impact on the wetland.
Correspondence/Consultation/References: FIRM 500063A 9/27/1985 Zone A

C. E.O. 12898 - Environmental Justice for Low Income and Minority Populations

- No Low income or minority population in, near or affected by the project - **(Review Concluded)**
 - Low income or minority population in or near project area
 - No disproportionately high and adverse impact on low income or minority population- **(Review Concluded)**
 - Disproportionately high or adverse effects on low income or minority population
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: Project will have no disproportionate effects on the local population.

Correspondence/Consultation/References:

III. Other Environmental Issues

Identify other potential environmental concerns in the comment box not clearly falling under a law or executive order (see environmental concerns scoping checklist for guidance).

Comments: Correspondence/Consultation/References: N/A

IV. Extraordinary Circumstances

Based on the review of compliance with other environmental laws and Executive Orders, and in consideration of other environmental factors, review the project for extraordinary circumstances.

* A "Yes" under any circumstance may require an Environmental Assessment (EA) with the exception of (ii) which should be applied in conjunction with controversy on an environmental issue. If the circumstance can be mitigated, please explain in comments. If no, leave blank.

Yes

- (i) Greater scope or size than normally experienced for a particular category of action
- (ii) Actions with a high level of public controversy
- (iii) Potential for degradation, even though slight, of already existing poor environmental conditions;
- (iv) Employment of unproven technology with potential adverse effects or actions involving unique or unknown environmental risks;
- (v) Presence of endangered or threatened species or their critical habitat, or archaeological, cultural, historical or other protected resources;
- (vi) Presence of hazardous or toxic substances at levels which exceed Federal, state or local regulations or standards requiring action or attention;
- (vii) Actions with the potential to affect special status areas adversely or other critical resources such as wetlands, coastal zones, wildlife refuge and wilderness areas, wild and scenic rivers, sole or principal drinking water aquifers;
- (viii) Potential for adverse effects on health or safety; and
- (ix) Potential to violate a federal, state, local or tribal law or requirement imposed for the protection of the environment.
- (x) Potential for significant cumulative impact when the proposed action is combined with other past, present and reasonably foreseeable future actions, even though the impacts of the proposed action may not be significant by themselves.

Comments:

V. Environmental Review Project Conditions

General comments: *N/A*

1. If ground disturbing activities occur during implementation, the applicant will monitor excavation activity, and if any artifacts or human remains are found during the excavation process all work is to cease and the applicant will notify FEMA, Grantee, and SHPO/THPO.
2. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements for the abatement and disposal of lead, asbestos, and other routinely encountered hazardous substances. If there is an unusual material encountered or there is an extraordinary amount of lead, asbestos, or other routinely encountered material the applicant must contact the Grantee and the Grantee must contact FEMA. The applicant must also contact the relevant agency with authority for regulation of the material.
3. If deviations from the proposed scope of work result in design changes, the need for additional ground disturbance, additional removal of vegetation, or result in any other unanticipated changes to the physical environment, the Grantee must contact FEMA, and a re-evaluation under NEPA and other applicable environmental laws will be conducted by FEMA.

Other Required Project Specific Conditions

1. The applicant is required to obtain any applicable permits with the New Hampshire Department of Environmental Protection and the U.S. Army Corps of Engineers if this project is located in a wetland or has an effect on a wetland. All conditions of any permit acquired become conditions of this grant, and a copy of such permit(s) should be forwarded to FEMA.
2. The culvert must be constructed in such a way as to not inhibit the movement of aquatic organisms, particularly fish. The culvert invert must be placed approximately 6" in the streambed or an arch or bottomless structure must be used.
3. As long as the appropriate soil erosion/siltation control measures and the best management practices for roads and culverts (e.g. placing culvert inverts at or slightly below grade in the bed of the stream to accommodate fish passage, working during low flow summer periods, etc.) are utilized, harm to fish and wildlife will be minimized.
4. The applicant must seed, mulch, and replant any disturbed ground with native shrubs and vegetation. A special effort shall be made to plant native vegetation at higher bank elevations.
5. The applicant must ensure that best managing practices for roads and culverts are utilized, and installation of erosion control. Construction activities that result in disturbed ground must be protected against erosion into the stream. The Town must follow the Clean Water Act's: "Best Management Practices, BMP" for erosion control during construction of this project. This includes, the applicant applying for all local, state, and federal permits and easements necessary to complete the project and obtaining these permits prior to commencement of any work. Any conditions of these permits become conditions of this grant, project, and environmental review. In accordance with FEMA Guidelines, applicants are required to comply with the federal law provisions of: the Water Pollution Control Act, as amended; Section 10 of the Rivers and Harbors Act; and Section 404 of the Clean Water Act, requirements regarding acquisition of appropriate permits or determinations from the U.S. Army Corps of Engineers (USACE) for projects funded by FEMA. All correspondence (including copies of any permits issued by USACE) regarding these determinations should be coordinated with and copies forwarded to FEMA. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements and/or obtain proper local, state, and federal permit concerning this project. Any conditions of this process or these regulations, laws, and policies become conditions of this grant, project, and environmental review.

Monitoring Requirements:

Quarterly Reports and final inspection of scope of work and accounting records are required.

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U.S. Department of Homeland Security
Region I
99 High Street, Sixth Floor
Boston, MA 02110-2132



FEMA

September 21, 2010

Ms. Barbara Farr, Director
Vermont Emergency Management Agency
Dept of Public Safety
103 South Main Street
Waterbury, VT 05671-2101

SUBJECT: FEMA-DR-1816-VT
Hazard Mitigation Grant Program Project #5F
Vermont Emergency Management South Windsor RPC Outreach Project


Dear Ms. Farr:

Enclosed please find the Regional Environmental Officer's Record of Environmental Consideration and the Allocation, Obligation, Financial Activity and Project Management reports for the following Hazard Mitigation Grant Program project:

1816-5F	Vermont Emergency Management	
	Vermont Emergency Management South Windsor RPC Outreach Project	\$ 4,688
	Total:	\$ 4,688

If you have any questions, please do not hesitate to call Judith Maloney at our Hazard Mitigation Office at (617) 832-4797.

Sincerely,


Kevin M. Merli, Director
Mitigation Division

Attachment

Project Review and Conditions Status

Project Name/Number: FEMA-HMGP-1816 Vermont Emergency Management
Southern Windsor Regional Planning Commission Outreach
Project, VT

Project Location: Statewide

Project Description: The Vermont Emergency Management Southern Windsor Regional Planning Commission, VT intends to provide mitigation outreach materials chosen and developed collaboratively with the State Hazard Mitigation Officer along with preparedness materials to selected audiences. Detailed documentation of the outreach materials and audiences will be provided before the grant is closed.

Monitoring Requirements:

Quarterly Reports and final inspection of scope of work and accounting records are required.

Funding

Total Cost of Project:	\$ 6,250
Federal Share	\$ 4,688
Applicant Share	\$ 1,562

Any deviation from this scope of work, conditions or funding must be approved in advance, in writing.

- **Applicants must comply with HMGP requirements, grants management procedures in 44 CFR Part 13, the grant agreement, and applicable Federal State, and laws and standards.**

ABBREVIATED RECORD OF ENVIRONMENTAL CONSIDERATION

See 44 Code of Federal Regulation Part 10.

Project Name/Number: FEMA-HMGP-1816 Southern Windsor Regional Planning Commission Project, VT

Project Location: Statewide

Project Description: The Vermont Emergency Management Southern Windsor Regional Planning Commission, VT intends to provide mitigation outreach materials chosen and developed collaboratively with the State Hazard Mitigation Officer along with preparedness materials to selected audiences. Detailed documentation of the outreach materials and audiences will be provided before the grant is closed.

Project Conditions & Other Required Project Specific Conditions

1. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements for the contracting of consultants and or contractors.
2. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements for the release of public information. The applicant must also contact the State NFIP Coordinator for regulation of the material.
3. If deviations from the proposed scope of work result in design changes, the need for additional or result in any other unanticipated changes to the scope of work, the Grantee must contact FEMA, and a re-evaluation of the project will be discussed.

HISTORIC BUILDINGS AND STRUCTURES

No historic properties that are listed or 45/50 years or older in project area. **(Review Concluded)**

Building or structure listed or 45/50 years or older in project area and activity not exempt from review.

Determination of No Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)

Are project conditions required? Yes (see section V) No **(Review Concluded)**

Determination of Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)

Property a National Historic Landmark and National Park Service was provided early notification during the consultation process. If not, explain in comments

No Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file).

Are project conditions required? Yes (see section V) No **(Review**

Concluded)

Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file)

Resolution of Adverse Effect completed. (MOA on file)

Are project conditions required Yes (see section V) No **(Review Concluded)**

Comments: A determination of No Historic Properties Affected is made under the terms of the Vermont Programmatic Agreement, Appendix B, Section XII. B & E. No consultation with SHPO is required.
Correspondence/Consultation/References: VT Programmatic Agreement 8.7.02.

ARCHEOLOGICAL RESOURCES

- Project affects only previously disturbed ground. **(Review Concluded)**
- Project affects undisturbed ground.
 - Project area has no potential for presence of archeological resources
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence or consultation on file). **(Review Concluded)**
 - Project area has potential for presence of archeological resources
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence on file)
 - Are project conditions required Yes (see section V) No **(Review Concluded)**
 - Determination of historic properties affected
 - NR eligible resources not present (FEMA finding/SHPO/THPO concurrence on file).
 - Are project conditions required Yes (see section V) No **(Review Concluded)**
 - NR eligible resources present in project area. (FEMA finding/ SHPO/THPO concurrence on file)
 - No Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**
 - Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
 - Resolution of Adverse Effect completed. (MOA on file)
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**

Comments: Project is a risk assessment tool.
Correspondence/Consultation/References: Project description

THREATENED AND ENDANGERED SPECIES

- No listed species and/or designated critical habitat present in areas affected directly or indirectly by the Federal action. **(Review Concluded)**
- Listed species and/or designated critical habitat present in the areas affected directly or indirectly by the Federal action.
 - No effect to species or designated critical habitat. (See comments for justification)
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**
 - May affect, but not likely to adversely affect species or designated critical habitat (FEMA determination/USFWS/NMFS concurrence on file) **(Review Concluded)**

- Are project conditions required? Yes (see section V) No (**Review Concluded**)
- Likely to adversely affect species or designated critical habitat
 - Formal consultation concluded. (Biological Assessment and Biological Opinion on file)
- Are project conditions required? YES (see section V) NO (**Review Concluded**)

Comments: No threatened or endangered species or critical habitat will be affected.
Correspondence/Consultation/References: Project description

E.O. 11988 – FLOODPLAINS

- No Effect on Floodplains/Flood levels and project outside Floodplain - (**Review Concluded**)
- Located in Floodplain or Effects on Floodplains/Flood levels
 - No adverse effect on floodplain and not adversely affected by the floodplain. (**Review Concluded**)
- Are project conditions required? Yes (see section V) No (**Review Concluded**)
- Beneficial Effect on Floodplain Occupancy/Values (**Review Concluded**).
- Possible adverse effects associated with investment in floodplain, occupancy or modification of floodplain environment
 - 8 Step Process Complete - documentation on file
- Are project conditions required? YES (see section V) NO (**Review Concluded**)

Comments: Project will not affect any floodplain values.
Correspondence/Consultation/References: Project description

E.O. 11990 – WETLANDS

- No Effects on Wetland(s) and project located outside Wetland(s) - (**Review Concluded**)
- Located in Wetland or effects Wetland(s)
 - Beneficial Effect on Wetland - (**Review Concluded**)
 - Possible adverse effect associated with constructing in or near wetland
 - Review completed as part of floodplain review
 - 8 Step Process Complete - documentation on file
- Are project conditions required? YES (see section V) NO (**Review Concluded**)

Comments: Project will not have an adverse effect any wetland values.
Correspondence/Consultation/References: Project description

E.O. 12898 - Environmental Justice for Low Income and Minority Populations

- No Low income or minority population in, near or affected by the project - (**Review Concluded**)
- Low income or minority population in or near project area
 - No disproportionately high and adverse impact on low income or minority population- (**Review Concluded**)
 - Disproportionately high or adverse effects on low income or minority population

Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: Project will have no disproportionate effects on the local population.
Correspondence/Consultation/References: Project description

OTHER RELEVANT LAWS AND ENVIRONMENTAL REGULATIONS

- No impacts to other substantive laws/Executive Orders identified. Review concluded.
- Other applicable substantive laws/Executive Orders. (Identify law/E.O. and conditions if any below).

Identify relevant law or regulations, resolution and any consultation/references

No extraordinary circumstances as described in 44 CFR 10.8(d)(3) were identified during project review.

REVIEWER AND APPROVALS

- FEMA Environmental Reviewer.

Name:

Signature *Judith A. Maloney* . Date 4/10/10

FEMA Regional Environmental Officer or delegated approving official.

Name:

Signature _____ . Date _____

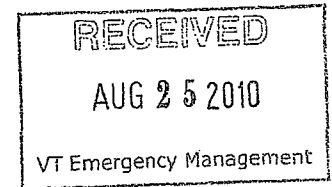
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U.S. Department of Homeland Security
Region I
99 High Street, Sixth Floor
Boston, MA 02110-2132



FEMA

August 23, 2010



Ms. Barbara Farr, Director
Vermont Emergency Management Agency
Dept of Public Safety
103 South Main Street
Waterbury, VT 05671-2101

SUBJECT: FEMA-DR-1816-VT
Hazard Mitigation Grant Program Project #2P
Risk Assessment Project, Two Rivers-Ottauquechee Regional Commission, VT


Dear Ms. Farr:

Enclosed please find the Regional Environmental Officer's Record of Environmental Consideration and the Allocation, Obligation, Financial Activity and Project Management reports for the following Hazard Mitigation Grant Program project:

1816-2P	Two Rivers-Ottauquechee Regional Commission Risk Assessment Project	\$ 13,975
Total:		\$ 13,975

If you have any questions, please do not hesitate to call Judith Maloney at our Hazard Mitigation Office at (617) 832-4797.

Sincerely,


Kevin M. Merli, Director
Mitigation Division

Attachment

Project Review and Conditions Status

Project Name/Number: FEMA-HMGP-1816 Risk Assessment Project, Two Rivers-
Ottauquechee Regional Planning Commission, VT

Project Location: Statewide

Project Description: The Two Rivers- Ottauquechee Regional Planning Commission, VT intends to provide a GIS model to accommodate the production of flood risk assessment inventories and maps for community officials and other stakeholders. The GIS model will be a collection of tools that use various special data sets to identify sites with flood risk. The created tools will produce new risk assessments and updated inputs to be incorporated into local mitigation plans.

Monitoring Requirements:

Quarterly Reports and final inspection of scope of work and accounting records are required.

Funding

Total Cost of Project:	\$ 18,633
Federal Share	\$ 13,975
Applicant Share	\$ 4,658

Period of Performance

If an extension of the deadline is needed, please contact the State Hazard Mitigation Officer.

- **Any deviation from this scope of work, conditions or funding must be approved in advance, in writing.**
- **Applicants must comply with HMGP requirements, grants management procedures in 44 CFR Part 13, the grant agreement, and applicable Federal State, and laws and standards.**

ABBREVIATED RECORD OF ENVIRONMENTAL CONSIDERATION

See 44 Code of Federal Regulation Part 10.

Project Name/Number: FEMA-HMGP-1816 Risk Assessment Project, Two Rivers-Ottawaquechee Regional Planning Commission, VT

Project Location: Statewide

Project Description: The Two Rivers- Ottawaquechee Regional Planning Commission, VT intends to provide a GIS model to accommodate the production of flood risk assessment inventories and maps for community officials and other stakeholders. The GIS model will be a collection of tools that use various special data sets to identify sites with flood risk. The created tools will produce new risk assessments and updated inputs to be incorporated into local mitigation plans.

Project Conditions & Other Required Project Specific Conditions

1. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements for the contracting of consultants and or contractors.
2. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements for the release of public information. The applicant must also contact the State NFIP Coordinator for regulation of the material.
3. If deviations from the proposed scope of work result in design changes, the need for additional or result in any other unanticipated changes to the scope of work, the Grantee must contact FEMA, and a re-evaluation of the project will be discussed.

HISTORIC BUILDINGS AND STRUCTURES

No historic properties that are listed or 45/50 years or older in project area. **(Review Concluded)**

Building or structure listed or 45/50 years or older in project area and activity not exempt from review.

Determination of No Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)

Are project conditions required? Yes (see section V) No **(Review Concluded)**

Determination of Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)

Property a National Historic Landmark and National Park Service was provided early notification during the consultation process. If not, explain in comments

No Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file).

Are project conditions required? Yes (see section V) No **(Review**

Concluded)

Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file)

Resolution of Adverse Effect completed. (MOA on file)

Are project conditions required Yes (see section V) No **(Review Concluded)**

Comments: A determination of No Historic Properties Affected is made under the terms of the Vermont Programmatic Agreement, Appendix B, Section XII. B & E. No consultation with SHPO is required.

Correspondence/Consultation/References: VT Programmatic Agreement 8.7.02.

ARCHEOLOGICAL RESOURCES

Project affects only previously disturbed ground. **(Review Concluded)**

Project affects undisturbed ground.

Project area has no potential for presence of archeological resources

Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence or consultation on file). **(Review Concluded)**

Project area has potential for presence of archeological resources

Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence on file)

Are project conditions required Yes (see section V) No **(Review**

Concluded)

Determination of historic properties affected

NR eligible resources not present (FEMA finding/SHPO/THPO concurrence on file).

Are project conditions required Yes (see section V) No **(Review**

Concluded)

NR eligible resources present in project area. (FEMA finding/ SHPO/THPO concurrence on file)

No Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)

Are project conditions required? Yes (see section V) No

(Review Concluded)

Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)

Resolution of Adverse Effect completed. (MOA on file)

Are project conditions required? Yes (see section V) No

(Review Concluded)

Comments: A determination of No Historic Properties Affected is made under the terms of the Vermont Programmatic Agreement, Appendix B, Section XII. B & E. No consultation with SHPO is required.

Correspondence/Consultation/References: VT Programmatic Agreement 8.7.02. Project description

THREATENED AND ENDANGERED SPECIES

No listed species and/or designated critical habitat present in areas affected directly or indirectly by the Federal action. **(Review Concluded)**

Listed species and/or designated critical habitat present in the areas affected directly or indirectly by the Federal action.

No effect to species or designated critical habitat. (See comments for justification)

- Are project conditions required? Yes (see section V) No **(Review Concluded)**
- May affect, but not likely to adversely affect species or designated critical habitat (FEMA determination/USFWS/NMFS concurrence on file) **(Review Concluded)**

- Are project conditions required? Yes (see section V) No **(Review Concluded)**
- Likely to adversely affect species or designated critical habitat
 - Formal consultation concluded. (Biological Assessment and Biological Opinion on file)

Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: No threatened or endangered species or critical habitat will be affected.

Correspondence/Consultation/References: Project description

E.O. 11988 – FLOODPLAINS

- No Effect on Floodplains/Flood levels and project outside Floodplain - **(Review Concluded)**
- Located in Floodplain or Effects on Floodplains/Flood levels
 - No adverse effect on floodplain and not adversely affected by the floodplain. **(Review Concluded)**

Are project conditions required? Yes (see section V) No **(Review Concluded)**

- Beneficial Effect on Floodplain Occupancy/Values **(Review Concluded)**.
- Possible adverse effects associated with investment in floodplain, occupancy or modification of floodplain environment

8 Step Process Complete - documentation on file

Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: Project will not affect any floodplain values.

Correspondence/Consultation/References: Project description

E.O. 11990 – WETLANDS

- No Effects on Wetland(s) and project located outside Wetland(s) - **(Review Concluded)**
- Located in Wetland or effects Wetland(s)
 - Beneficial Effect on Wetland - **(Review Concluded)**
 - Possible adverse effect associated with constructing in or near wetland

Review completed as part of floodplain review

8 Step Process Complete - documentation on file

Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: Project will not affect any wetland values.

Correspondence/Consultation/References: Project description

E.O. 12898 - Environmental Justice for Low Income and Minority Populations

- No Low income or minority population in, near or affected by the project - **(Review Concluded)**
- Low income or minority population in or near project area

No disproportionately high and adverse impact on low income or minority population-
(Review Concluded)

Disproportionately high or adverse effects on low income or minority population
Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: Project will have no disproportionate effects on the local population.

Correspondence/Consultation/References: Project description

OTHER RELEVANT LAWS AND ENVIRONMENTAL REGULATIONS

- No impacts to other substantive laws/Executive Orders identified. Review concluded.
- Other applicable substantive laws/Executive Orders. (Identify law/E.O. and conditions if any below).

Identify relevant law or regulations, resolution and any consultation/references

No extraordinary circumstances as described in 44 CFR 10.8(d)(3) were identified during project review.

REVIEWER AND APPROVALS

FEMA Environmental Reviewer.

Name:

Signature Judith A. Maloney . Date 2/21/2010

FEMA Regional Environmental Officer or delegated approving official.

Name:

Signature _____ . Date _____



FEMA

September 7, 2010

[C 7]

Ms. Barbara Farr, Director
Vermont Emergency Management Agency
Dept of Public Safety
103 South Main Street
Waterbury, VT 05671-2101

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SUBJECT: FEMA-DR-1816-VT
Hazard Mitigation Grant Program Project #4R
Brook Road Stabilization Project, Town of Windsor, VT


Dear Ms. Farr:

Enclosed please find the Regional Environmental Officer's Record of Environmental Consideration and the Allocation, Obligation, Financial Activity and Project Management reports for the following Hazard Mitigation Grant Program project:

1816-4R	Town of Windsor Brook Road Stabilization Project	\$ 41,760
Total:		\$ 41,760

If you have any questions, please do not hesitate to call Judith Maloney at our Hazard Mitigation Office at (617) 832-4797.

Sincerely,


Kevin M. Merri, Director
Mitigation Division

Attachment

Project Review and Conditions Status

Project Name/Number: FEMA HMGP- 1816 – Brook Road Stabilization, Windsor, VT

Project Location: Brook Road, near Estey Lane, adjacent to Mill Brook
Latitude: 43.275121 Longitude: -72.252415

Project Description: The proposal is to stabilize about 600 to 1000 feet of the embankment of Mill Brook with 24” and 48” rip rap according to the enclosed diagram, and replace the guardrail and posts to prevent further damage to the road and erosion of the embankment into the brook.

Environmental Review Project Conditions

General comments: *N/A*

1. If ground disturbing activities occur during implementation, the applicant will monitor excavation activity, and if any artifacts or human remains are found during the excavation process all work is to cease and the applicant will notify FEMA, Grantee, and SHPO/THPO.
2. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements for the abatement and disposal of lead, asbestos, and other routinely encountered hazardous substances. If there is an unusual material encountered or there is an extraordinary amount of lead, asbestos, or other routinely encountered material the applicant must contact the Grantee and the Grantee must contact FEMA. The applicant must also contact the relevant agency with authority for regulation of the material.
3. If deviations from the proposed scope of work result in design changes, the need for additional ground disturbance, additional removal of vegetation, or result in any other unanticipated changes to the physical environment, the Grantee must contact FEMA, and a re-evaluation under NEPA and other applicable environmental laws will be conducted by FEMA.

Other Required Project Specific Conditions

1. The applicant is required to obtain any applicable permits with the New Hampshire Department of Environmental Protection and the U.S. Army Corps of Engineers if this project is located in a wetland or has an effect on a wetland. All conditions of any permit acquired become conditions of this grant, and a copy of such permit(s) should be forwarded to FEMA.
2. The culvert must be constructed in such a way as to not inhibit the movement of aquatic organisms, particularly fish. The culvert invert must be place

approximately 6" in the streambed or an arch or bottomless structure must be used.

3. As long as the appropriate soil erosion/siltation control measures and the best management practices for roads and culverts (e.g. placing culvert inverts at or slightly below grade in the bed of the stream to accommodate fish passage, working during low flow summer periods, etc.) are utilized, harm to fish and wildlife will be minimized.
4. The applicant must seed, mulch, and replant any disturbed ground with native shrubs and vegetation. A special effort shall be made to plant native vegetation at higher bank elevations.
5. The applicant must ensure that best managing practices for roads and culverts are utilized, and installation of erosion control. Construction activities that result in disturbed ground must be protected against erosion into the stream. The Town must follow the Clean Water Act's: "Best Management Practices, BMP" for erosion control during construction of this project. This includes, the applicant applying for all local, state, and federal permits and easements necessary to complete the project and obtaining these permits prior to commencement of any work. Any conditions of these permits become conditions of this grant, project, and environmental review. In accordance with FEMA Guidelines, applicants are required to comply with the federal law provisions of: the Water Pollution Control Act, as amended; Section 10 of the Rivers and Harbors Act; and Section 404 of the Clean Water Act, requirements regarding acquisition of appropriate permits or determinations from the U.S. Army Corps of Engineers (USACE) for projects funded by FEMA. All correspondence (including copies of any permits issued by USACE) regarding these determinations should be coordinated with and copies forwarded to FEMA. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements and/or obtain proper local, state, and federal permit concerning this project. Any conditions of this process or these regulations, laws, and policies become conditions of this grant, project, and environmental review.

Monitoring Requirements:

Quarterly Reports and final inspection of scope of work and accounting records are required.

1. As long as the appropriate soil erosion/siltation control measures and the best management practices for roads and culverts (e.g. placing culvert inverts at or slightly below grade in the bed of the stream to accommodate fish passage, working during low flow summer periods, etc.) are utilized, harm to fish and wildlife will be minimized.

2. The applicant must seed, mulch, and replant any disturbed ground with native shrubs and vegetation. A special effort shall be made to plant native vegetation at higher bank elevations.
3. Commence work during low flow period.
4. Reroute or stop the flow of water into the project site.
5. If necessary, dewater the project site.
6. Excavate unsuitable wash material from site.
7. Remove erosion control measures after the construction area has been stabilized.

Funding

Total Cost of Project: \$ 55,680
Federal Share \$ 41,760
Applicant Share \$ 13,920

All permits must be obtained and forwarded to FEMA before any work begins.

- **Any deviation from this scope of work, conditions or funding must be approved in advance, in writing.**
- **Applicants must comply with HMGP requirements, grants management procedures in 44 CFR Part 13, the grant agreement, and applicable Federal State, and laws and standards.**

Record of Environmental Consideration

See 44 Code of Federal Regulation Part 10.

Project Name/Number: FEMA HMGP- 1816 -- Brook Road Stabilization, Windsor, VT

Project Location: The project is on Brook Road near Estey Lane and adjacent to Mill Brook.
Latitude: 43.275121 Longitude: -72.252415

Project Description: The proposal is to stabilize about 600 to 1000 feet of the embankment of Mill Brook with 24" and 48" rip rap according to the enclosed diagram and replace the guardrail and posts to prevent further damage to the road and erosion of the embankment into the brook.

Documentation Requirements

- No Documentation Required (Review Concluded)
- (Short version) All consultation and agreements implemented to comply with the National Historic Preservation Act, Endangered Species Act, and Executive Orders 11988, 11990 and 12898 are completed and no other laws apply. (Review Concluded)
- (Long version) All applicable laws and executive orders were reviewed. Additional information for compliance is attached to this REC.

National Environmental Policy Act (NEPA) Determination

- Statutorily excluded from NEPA review. (Review Concluded)
- Categorical Exclusion - Category (xv & xvi) Type Single Project
 - No Extraordinary Circumstances exist.
 - Are project conditions required? Yes (see section V) No (Review Concluded)
 - Extraordinary Circumstances exist (See Section IV).
 - Extraordinary Circumstances mitigated. (See Section IV comments)
 - Are project conditions required? Yes (see section V) No (Review Concluded)
 - Environmental Assessment required. See FONSI for determination, conditions and approval.
- Environmental Assessment required. See FONSI for determination, conditions and approval.

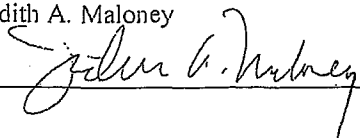
Comments: This is a project within the area of previously disturbed ground.
Correspondence/Consultation/References: Project Description. Based on information provided by the grantee, the scope of work for this project qualifies as a Categorical Exclusion (CATEX) under 44 CFR Part 10.8 (d)(2)(xv & xvi)

Reviewer and Approvals

FEMA Environmental Reviewer

Name: Judith A. Maloney

Signature



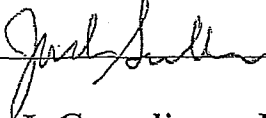
Date

7-27-10

FEMA Regional Environmental Officer or delegated approving official

Name: John P. Sullivan

Signature



Date

9/27/10

I. Compliance Review for Environmental Laws (other than NEPA)

A. National Historic Preservation Act

- Not type of activity with potential to affect historic properties. (Review Concluded)
- Applicable executed Programmatic Agreement. Otherwise, conduct standard Section 106 review.
 - Activity meets Programmatic Allowance # B.I,B; III.A&B
 - Are project conditions required? Yes (see section V) No (Review Concluded)

HISTORIC BUILDINGS AND STRUCTURES

- No historic properties 50 years or older in project area. (Review Concluded)
- Building or structure 50 years or older in project area and activity not exempt from review.
 - Determination of No Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)
 - Are project conditions required? Yes (see section V) No (Review Concluded)
 - Determination of Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)
 - Property a National Historic Landmark and National Park Service was provided early notification during the consultation process. If not, explain in comments
 - No Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file).
 - Are project conditions required? Yes (see section V) No (Review Concluded)
 - Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file)
 - Resolution of Adverse Effect completed. (MOA on file)
 - Are project conditions required Yes (see section V) No (Review Concluded)

ARCHEOLOGICAL RESOURCES

- Project affects only previously disturbed ground. (Review Concluded)
- Project affects undisturbed ground.
 - Project area has no potential for presence of archeological resources
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence or consultation on file). (Review Concluded)
 - Project area has potential for presence of archeological resources
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence on file)
 - Are project conditions required Yes (see section V) No (Review Concluded)
 - Determination of historic properties affected
 - NR eligible resources not present (FEMA finding/SHPO/THPO concurrence on file).
 - Are project conditions required Yes (see section V) No (Review Concluded)
 - NR eligible resources present in project area. (FEMA finding/ SHPO/THPO concurrence on file)
 - No Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
 - Are project conditions required? Yes (see section V) No (Review Concluded)
 - Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
 - Resolution of Adverse Effect completed. (MOA on file)
 - Are project conditions required? Yes (see section V) No (Review Concluded)

Comments: Project meets programmatic agreement allowances. No consultation is required.
Correspondence/Consultation/References: FEMA, VEM. SHPO Programmatic Agreement dated 2002.

B. Endangered Species Act

- No listed species and/or designated critical habitat present in the action area. (Review Concluded)
- Listed species and/or designated critical habitat present in the action area
 - No effect to species or designated critical habitat. (See comments for justification) (Review Concluded)

- May affect, but not likely to adversely affect species or designated critical habitat (FEMA determination/USFWS/NMFS concurrence on file) (Review Concluded)
- Likely to adversely affect species or designated critical habitat
 - Formal consultation concluded. (Biological Assessment and Biological Opinion on file)
 - Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: No Listed Species and/or designated critical habitat present in areas affected directly or indirectly by the federal action. "

Correspondence/Consultation/References: U.S. Fish and Wildlife Service Endangered Species web site and VT Fish and Game Nongame and Natural Heritage Program web site.

C. Coastal Barrier Resources Act

- Project is not located in Coastal Barriers Resource System or Otherwise Protected Area.
- Project does not affect a coastal barrier within the COBRA System (regardless of in or out) (Review Concluded)
- Project is located in a coastal barrier system and/or affects a coastal barrier. (FEMA determination/USFWS consultation on file)
 - Proposed action an exception under Section 3505.a.6? (Review Concluded)
 - Proposed action not excepted under Section 3505.a.5.
 - Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: This project is not in or near a coastal area.

Correspondence/Consultation/References: Coastal Barrier Resources Act, N.E. maps

D. Clean Water Act

- Project site located outside of and would not affect any waters of the U.S. (Review Concluded)
- Project site located in or would affect waters, including wetlands, of the U.S.
 - Project exempted as in kind replacement or other exemption. (Review Concluded)
 - Project may require Section 404/401/10 permit, including qualification under Nationwide Permits.
 - Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: This project may require permits from appropriate local, State, and Federal agencies. Additionally, construction activities that result in disturbed ground must be protected against erosion into the stream. The Town must follow the Clean Water Act, "Best Management Practices BMP". The Town must contact the U.S. Army Corps of Engineers to inquire if a permit is required. The Town will need to obtain all necessary permits from relevant state agencies after the project specifications have been completed and before work begins.

Correspondence / Consultation / References: Section 404 of the Clean Water Act, (Re: determinations and acquisition of appropriate permits), and local Conservation Commission regulations.

E. Coastal Zone Management Act

- Project does not affect a coastal zone area (regardless of in or out)- (Review concluded)
- Project is not located in a coastal zone area - (Review concluded)
- Project is located in a coastal zone area and/or affects the coastal zone
 - State administering agency does not require consistency review. (Review Concluded).
 - State administering agency requires consistency review.
 - Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: N/A - this project is not in or near a coastal area

Correspondence/Consultation/References: Google Earth search map of Vermont

F. Fish and Wildlife Coordination Act

- Project is not located in or affects a waterway/body of water. (Review Concluded)
- Project affects, controls or modifies a waterway/body of water.
 - Coordination with USFWS conducted
 - No Recommendations offered by USFWS. (Review Concluded)

- Recommendations provided by USFWS.
Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: No Listed Species and/or designated critical habitat present in areas affected directly or indirectly by the federal action.
Correspondence/Consultation/References: U.S. Fish and Wildlife Service Endangered Species web site and VT Fish and Game Nongame and Natural Heritage Program web site.

G. Clean Air Act

- Project will not result in permanent air emissions. (Review Concluded)
- Project is located in an attainment area. (Review Concluded)
- Project is located in a non-attainment area.
 - Coordination required with applicable state administering agency.
Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: Any emissions from construction equipment will be temporary in nature. Only minimal, temporary dust and increased emissions from construction vehicles caused by a routine construction project might occur.
Correspondence/Consultation/References: project description

H. Farmlands Protection Policy Act

- Project does not affect prime or unique farmland. (Review Concluded)
- Project causes unnecessary or irreversible conversion of prime or unique farmland.
 - Coordination with Natural Resources Conservation Commission required.
 - Farmland Conversion Impact Rating, Form AD-1006, completed.
Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: No commitment of farm lands. No intrusion into existing farmland will occur.
Correspondence/Consultation/References: See project description.

I. Migratory Bird Treaty Act

- Project not located within a flyway zone. (Review Concluded)
- Project located within a flyway zone.
 - Project does not have potential to take migratory birds. (Review Concluded)
 - Project has potential to take migratory birds.
 - Contact made with USFWS
Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: N/A This project will not result in the migratory taking of birds.
Correspondence/Consultation/References: The Migratory Bird Treaty Act and Executive Order 13186, project description

J. Magnuson-Stevens Fishery Conservation and Management Act

- Project not located in or near Essential Fish Habitat. (Review Concluded)
- Project located in or near Essential Fish Habitat.
 - Project does not adversely affect Essential Fish Habitat. (Review Concluded)
 - Project adversely affects Essential Fish Habitat (The MA determination/USFWS/NMFS concurrence on file)
 - NOAA Fisheries provided no recommendation(s) (Review Concluded).
 - NOAA Fisheries provided recommendation(s)
 - Written reply to NOAA Fisheries recommendations completed.
Are project conditions required? YES (see section V) NO (Review Concluded)



State of Vermont
 Department of Finance & Management
 109 State Street, Pavilion Building
 Montpelier, VT 05620-0401

Agency of Administration

[phone] 802-828-2376
 [fax] 802-828-2428

STATE OF VERMONT
FINANCE & MANAGEMENT GRANT REVIEW FORM

Grant Summary:		FEMA assistance for hazard mitigation projects in Fairfield, Windsor, So. Windsor and Ottauquechee region.			
Date:		10/27/2010			
Department:		Department of Public Safety			
Legal Title of Grant:		Hazard Mitigation Grant Program			
Federal Catalog #:		97.039			
Grant/Donor Name and Address:		US Dept of Homeland Security/FEMA Region I, Boston, Ma.			
Grant Period:	From:	8/23/2010	To:	9/6/2012	
Grant/Donation		\$111,037			
	SFY 1	SFY 2	SFY 3	Total	Comments
Grant Amount:	\$111,037	\$	\$	\$111,037	75% federal funding
Position Information:		# Positions	Explanation/Comments		
		0			
Additional Comments:		25% local match of \$37,011 for total project cost of \$148,048.			
Department of Finance & Management		<i>JW/10</i>	(Initial) DB 10-27-10		
Secretary of Administration		<i>TR 4/2/10</i>	(Initial)		
Sent To Joint Fiscal Office		<i>11/4/10</i>	Date		





Vermont Emergency Management
Department of Public Safety
103 South Main Street
Waterbury, VT 05671-2101
www.dps.state.vt.us/vem

[toll free] 800-347-0488
[phone] 802-244-8721
[TTY] 888-545-7598
[fax] 802-241-5556

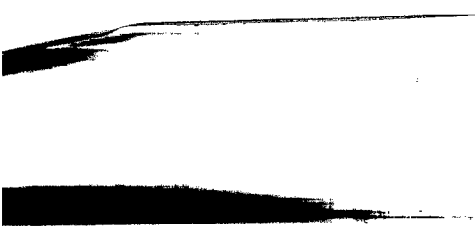
To: Joint Fiscal Office, Montpelier
From: Barbara Farr, Director
Subject: Seeking approval for receipt of federal funds
Date: October 14, 2010

Vermont Emergency Management is respectfully requesting an expedited review and approval for three projects (DR 1784 – Town of Marlboro, and DR 1816 – Two Rivers_Ottawaquechee Regional Commission, Town of Windsor, Town of Fairfield and Southern Windsor County Regional Planning Commission) for local communities being funded by FEMA’s Hazard Mitigation Grant Program (HMGP). This program is awarded by FEMA to local communities in the aftermath of a federally declared disaster. These hazard mitigation projects are intended for our communities to prevent future damage from natural hazards such as catastrophic flooding and are connected with federally declared disasters DR 1784 (August 15, 2008) and DR 1816 (January 14, 2009). FEMA funding was released only recently due to the often contentious Congressional debate concerning federal expenditures and revenue sources. Vermont has been waiting at least six months for the funds to be released; one community, Marlboro, has been waiting even longer. Extensive delays in the release of FEMA funding have already had a negative impact on some of the communities involved in these approved mitigation projects.

We would greatly appreciate an expedited review by the Joint Fiscal Office so that these mitigation projects can be implemented in our communities as soon as possible. Thank you very much for your consideration in this regard. For additional information, please contact me or the state hazard mitigation officer, Ray Doherty, at (802) 241-5258 or via e-mail at rdoherty@dps.state.vt.us

STATE OF VERMONT REQUEST FOR GRANT ACCEPTANCE (Form AA-1)

BASIC GRANT INFORMATION					
1. Agency:					
2. Department:		Public Safety			
3. Program:		Emergency Management			
4. Legal Title of Grant:		Hazard Mitigation Grant Program			
5. Federal Catalog #:		97.039			
6. Grant/Donor Name and Address:					
U.S. Dept. of Homeland Security/FEMA Region I					
99 High St, Sixth Floor					
Boston, MA 02110-2132					
7. Grant Period:		From:	8/23/2010	To:	9/6/2012
8. Purpose of Grant:					
The Hazard Mitigation Grant Program provides States and local governments financial assistance to implement measures that will permanently reduce or eliminate future damages and losses from natural hazards through safer building practices and improving existing structures and supporting infrastructure.					
9. Impact on existing program if grant is not Accepted:					
The severe storms that occurred December 2008 resulted in Vermont cities and towns suffering ice storms. The President declared this a federal disaster (#1816) and made federal aid available to mitigate future reoccurring flood problems.					
10. BUDGET INFORMATION					
		SFY 1	SFY 2	SFY 3	Comments
Expenditures:		FY 2011	FY 2012	FY 2013	
Personal Services		\$	\$	\$	
Operating Expenses		\$	\$	\$	
Grants		\$148,048	\$	\$	
Total		\$148,048	\$	\$	
Revenues:					
State Funds:		\$	\$	\$	
Cash		\$	\$	\$	
In-Kind		\$	\$	\$	
Federal Funds:		\$	\$	\$	
(Direct Costs)		\$111,037	\$	\$	
(Statewide Indirect)		\$	\$	\$	
(Departmental Indirect)		\$	\$	\$	
Other Funds:		\$	\$	\$	
Grant (source Local Match)		\$37,011	\$	\$	
Total		\$148,048	\$	\$	
Appropriation No:	2140030000	Amount:	\$111,037		
			\$		
			\$		



Handwritten marks and scribbles in the bottom left corner, including a large, faint '7' and other illegible marks.

STATE OF VERMONT REQUEST FOR GRANT ACCEPTANCE (Form AA-1)

			\$
			\$
			\$
			\$
		Total	\$111,037

PERSONAL SERVICE INFORMATION

11. Will monies from this grant be used to fund one or more Personal Service Contracts? Yes No
 If "Yes", appointing authority must initial here to indicate intent to follow current competitive bidding process/policy.

Appointing Authority Name: _____ Agreed by: _____ (initial)

12. Limited Service Position Information:	# Positions	Title
Total Positions		

12a. Equipment and space for these positions: Is presently available. Can be obtained with available funds.

13. AUTHORIZATION AGENCY/DEPARTMENT

I/we certify that no funds beyond basic application preparation and filing costs have been expended or committed in anticipation of Joint Fiscal Committee approval of this grant, unless previous notification was made on Form AA-1PN (if applicable):	Signature: _____	Date: _____
	Title: Commissioner <i>Thomas E. Cook</i>	10/22/10
	Signature: _____	Date: _____
	Title: _____	

14. ACTION BY GOVERNOR

<input checked="" type="checkbox"/> Check One Box: Accepted	<i>[Signature]</i> (Governor's signature)	Date: 11/3/10
<input type="checkbox"/> Rejected		

15. SECRETARY OF ADMINISTRATION

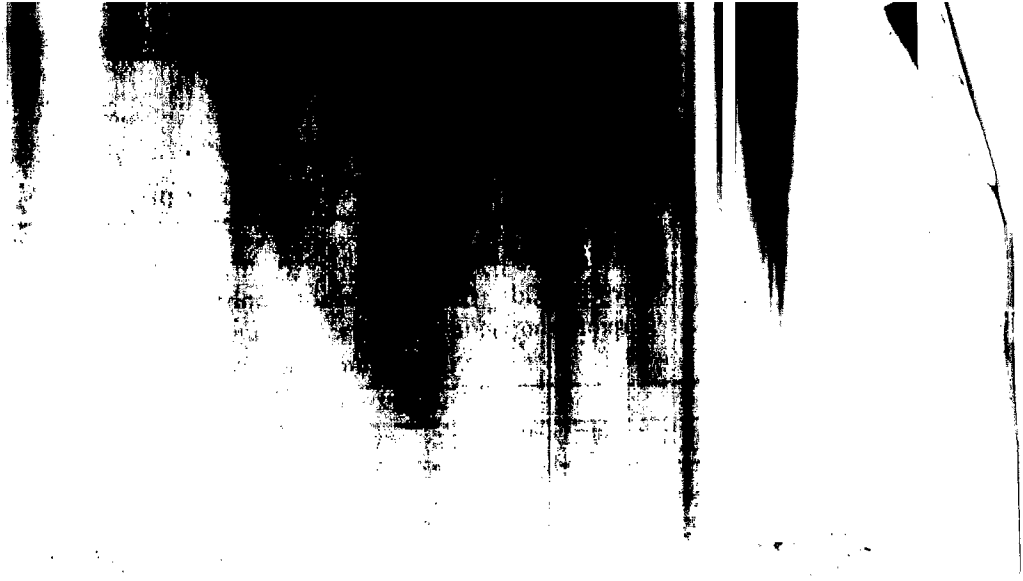
<input type="checkbox"/> Check One Box: Request to JFO	<i>[Signature]</i> (Secretary's signature or designee)	Date: 11/2/10
<input type="checkbox"/> Information to JFO		

16. DOCUMENTATION REQUIRED

Required GRANT Documentation

<input type="checkbox"/> Request Memo	<input type="checkbox"/> Notice of Donation (if any)
<input type="checkbox"/> Dept. project approval (if applicable)	<input type="checkbox"/> Grant (Project) Timeline (if applicable)
<input type="checkbox"/> Notice of Award	<input type="checkbox"/> Request for Extension (if applicable)
<input type="checkbox"/> Grant Agreement	<input type="checkbox"/> Form AA-1PN attached (if applicable)
<input type="checkbox"/> Grant Budget	

End Form AA-1



Project Review and Conditions Status

See 44 Code of Federal Regulation Part 10.

Project Name/Number: FEMA HMGP- 1816 – Ryan Road Stabilization, Fairfield, VT

Project Location: Ryan Road is adjacent to VT route 36 and borders Black Creek:
Latitude: 44.811 Longitude: -72.909

Project Description: To mitigate the erosion of Ryan Road caused by the Black Creek flooding and eroding the road, the Town proposes to stabilize the roadbed which would include re-grading and re-shaping the highway, constructing a stone-fill, geotextile-wrapped road shoulder on the downstream side of the road, applying bituminous concrete surface to the road and erecting delineators on the road edges for safety during high water if emergency vehicles need to pass.

Environmental Review Project Conditions

General comments: *N/A*

1. If ground disturbing activities occur during implementation, the applicant will monitor excavation activity, and if any artifacts or human remains are found during the excavation process all work is to cease and the applicant will notify FEMA, Grantee, and SHPO/THPO.
2. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements for the abatement and disposal of lead, asbestos, and other routinely encountered hazardous substances. If there is an unusual material encountered or there is an extraordinary amount of lead, asbestos, or other routinely encountered material the applicant must contact the Grantee and the Grantee must contact FEMA. The applicant must also contact the relevant agency with authority for regulation of the material.
3. If deviations from the proposed scope of work result in design changes, the need for additional ground disturbance, additional removal of vegetation, or result in any other unanticipated changes to the physical environment, the Grantee must contact FEMA, and a re-evaluation under NEPA and other applicable environmental laws will be conducted by FEMA.

Other Required Project Specific Conditions

1. The applicant is required to obtain any applicable permits with the New Hampshire Department of Environmental Protection and the U.S. Army Corps of Engineers if this project is located in a wetland or has an effect on a wetland. All

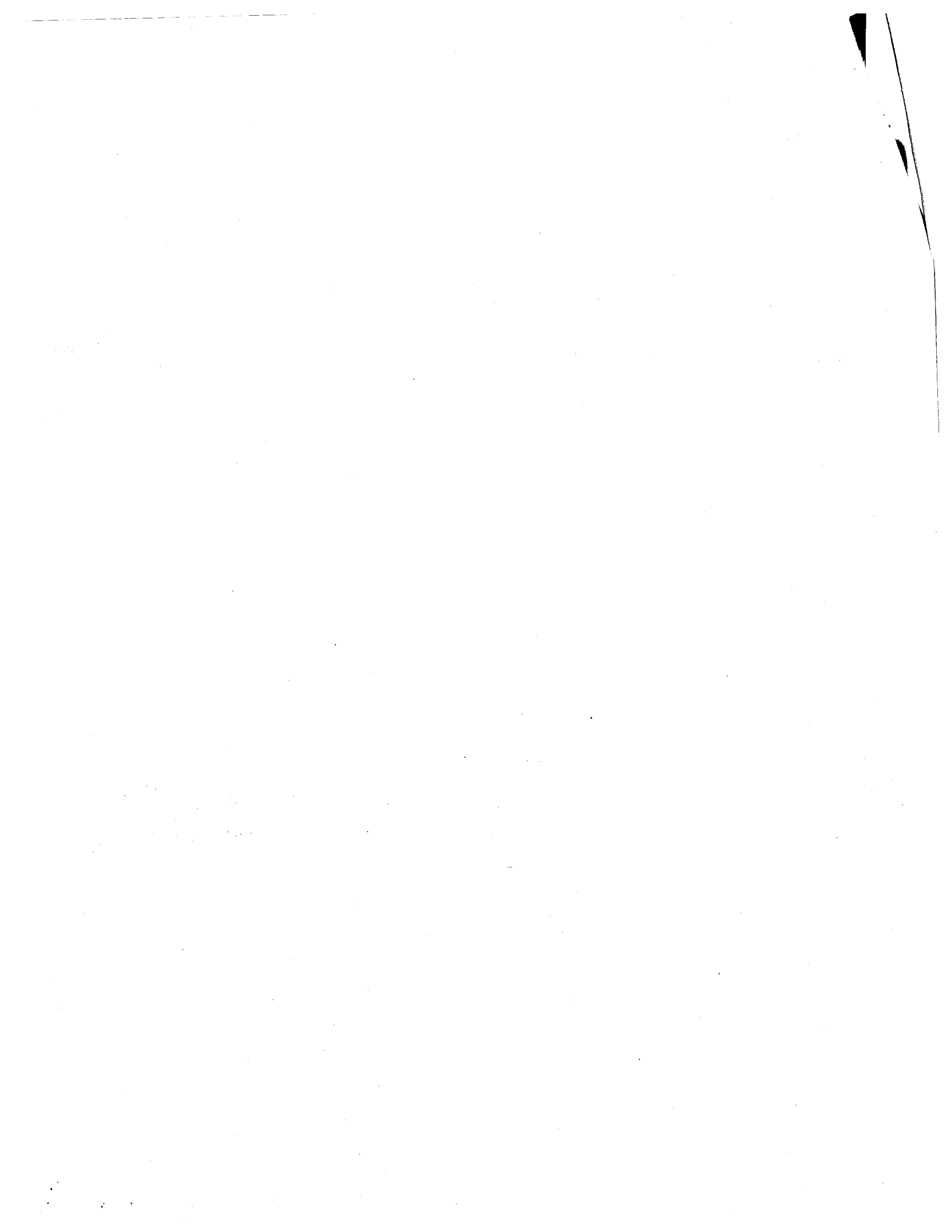
conditions of any permit acquired become conditions of this grant, and a copy of such permit(s) should be forwarded to FEMA.

2. The culvert must be constructed in such a way as to not inhibit the movement of aquatic organisms, particularly fish. The culvert invert must be placed approximately 6" in the streambed or an arch or bottomless structure must be used.
3. As long as the appropriate soil erosion/siltation control measures and the best management practices for roads and culverts (e.g. placing culvert inverts at or slightly below grade in the bed of the stream to accommodate fish passage, working during low flow summer periods, etc.) are utilized, harm to fish and wildlife will be minimized.
4. The applicant must seed, mulch, and replant any disturbed ground with native shrubs and vegetation. A special effort shall be made to plant native vegetation at higher bank elevations.
5. The applicant must ensure that best managing practices for roads and culverts are utilized, and installation of erosion control. Construction activities that result in disturbed ground must be protected against erosion into the stream. The Town must follow the Clean Water Act's: "Best Management Practices, BMP" for erosion control during construction of this project. This includes, the applicant applying for all local, state, and federal permits and easements necessary to complete the project and obtaining these permits prior to commencement of any work. Any conditions of these permits become conditions of this grant, project, and environmental review. In accordance with FEMA Guidelines, applicants are required to comply with the federal law provisions of: the Water Pollution Control Act, as amended; Section 10 of the Rivers and Harbors Act; and Section 404 of the Clean Water Act, requirements regarding acquisition of appropriate permits or determinations from the U.S. Army Corps of Engineers (USACE) for projects funded by FEMA. All correspondence (including copies of any permits issued by USACE) regarding these determinations should be coordinated with and copies forwarded to FEMA. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements and/or obtain proper local, state, and federal permit concerning this project. Any conditions of this process or these regulations, laws, and policies become conditions of this grant, project, and environmental review.

Monitoring Requirements:

Quarterly Reports and final inspection of scope of work and accounting records are required.

1. As long as the appropriate soil erosion/siltation control measures and the best management practices for roads and culverts (e.g. placing culvert inverts at or



slightly below grade in the bed of the stream to accommodate fish passage, working during low flow summer periods, etc.) are utilized, harm to fish and wildlife will be minimized.

2. The applicant must seed, mulch, and replant any disturbed ground with native shrubs and vegetation. A special effort shall be made to plant native vegetation at higher bank elevations.
3. Commence work during low flow period.
4. Reroute or stop the flow of water into the project site.
5. If necessary, dewater the project site.
6. Excavate unsuitable wash material from site.
7. Remove erosion control measures after the construction area has been stabilized.

Funding

Total Cost of Project: \$ 67,485

Federal Share. \$ 50,614 ✓

Applicant Share \$ 16,871

All permits must be obtained and forwarded to FEMA before any work begins.

- **Any deviation from this scope of work, conditions or funding must be approved in advance, in writing.**
- **Applicants must comply with HMGP requirements, grants management procedures in 44 CFR Part 13, the grant agreement, and applicable Federal State, and laws and standards.**

COPY

U.S. Department of Homeland Security
Region I
99 High Street, Sixth Floor
Boston, MA 02110-2132

RECEIVED
OCT 11 2010
DPS - ACCT



FEMA

September 27, 2010

Ms. Barbara Farr, Director
Vermont Emergency Management Agency
Dept of Public Safety
103 South Main Street
Waterbury, VT 05671-2101

SUBJECT: FEMA-DR-1816-VT
Hazard Mitigation Grant Program Project #6R
Ryan Road Stabilization Project, Town of Fairfield, VT

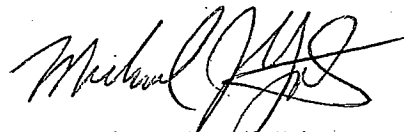
Dear Ms. Farr:

Enclosed please find the Regional Environmental Officer's Record of Environmental Consideration and the Allocation, Obligation, Financial Activity and Project Management reports for the following Hazard Mitigation Grant Program project:

1816-6R	Town of Fairfield Ryan Road Stabilization Project	\$ 50,614
Total:		\$ 50,614

If you have any questions, please do not hesitate to call Judith Maloney at our Hazard Mitigation Office at (617) 832-4797.

Sincerely,


Kevin M. Methi, Director *Fol*
Mitigation Division

Attachment

Record of Environmental Consideration

See 44 Code of Federal Regulation Part 10.

Project Name/Number: FEMA HMGP- 1816 – Ryan Road Stabilization, Fairfield, VT

Project Location: Ryan Road is adjacent to VT route 36 and borders Black Creek:
Latitude: 44.811 Longitude: -72.909

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Documentation Requirements

- No Documentation Required (Review Concluded)
- (Short version)** All consultation and agreements implemented to comply with the National Historic Preservation Act, Endangered Species Act, and Executive Orders 11988, 11990 and 12898 are completed and no other laws apply. (Review Concluded)
- (Long version)** All applicable laws and executive orders were reviewed. Additional information for compliance is attached to this REC.

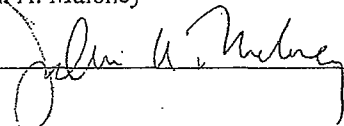
National Environmental Policy Act (NEPA) Determination

- Statutorily excluded from NEPA review. (Review Concluded)
- Categorical Exclusion - Category (xv & xvi) Type Single Project**
 - No Extraordinary Circumstances exist.
 - Are project conditions required? Yes (see section V) No (Review Concluded)
 - Extraordinary Circumstances exist (See Section IV).
 - Extraordinary Circumstances mitigated. (See Section IV comments)
 - Are project conditions required? Yes (see section V) No (Review Concluded)
 - Environmental Assessment required. See FONSI for determination, conditions and approval.
- Environmental Assessment required. See FONSI for determination, conditions and approval.

Comments: This is a project within the area of previously disturbed ground.
Correspondence/Consultation/References: Project Description; Based on information provided by the grantee, the scope of work for this project qualifies as a Categorical Exclusion (CATEX) under 44 CFR Part 10.8 (d)(2)(xv & xvi)

Reviewer and Approvals

FEMA Environmental Reviewer
Name: Judith A. Maloney

Signature  Date 2-16-10

FEMA Regional Environmental Officer or delegated approving official

Reviewer Name: Judith A. Maloney

Applicant: Town of Fairfield, VT

Disaster/Emergency/Program/Project Title: FEMA HMGP- 1816- Ryan Road Stabilization

Name: John P. Sullivan

Signature John P. Sullivan Date 2/17/10

I. Compliance Review for Environmental Laws (other than NEPA)

A. National Historic Preservation Act

- Not type of activity with potential to affect historic properties. **(Review Concluded)**
- Applicable executed Programmatic Agreement. Otherwise, conduct standard Section 106 review.
 - Activity meets Programmatic Allowance # B.I.B; III.A&B
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**

HISTORIC BUILDINGS AND STRUCTURES

- No historic properties 50 years or older in project area. **(Review Concluded)**
- Building or structure 50 years or older in project area and activity not exempt from review.
 - Determination of No Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**
 - Determination of Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)
 - Property a National Historic Landmark and National Park Service was provided early notification during the consultation process. If not, explain in comments
 - No Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file).
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**
 - Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file)
 - Resolution of Adverse Effect completed. (MOA on file)
 - Are project conditions required Yes (see section V) No **(Review Concluded)**

ARCHEOLOGICAL RESOURCES

- Project affects only previously disturbed ground. **(Review Concluded)**
- Project affects undisturbed ground.
 - Project area has no potential for presence of archeological resources
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence or consultation on file). **(Review Concluded)**
 - Project area has potential for presence of archeological resources
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence on file)
 - Are project conditions required Yes (see section V) No **(Review Concluded)**
 - Determination of historic properties affected
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 - Are project conditions required Yes (see section V) No **(Review Concluded)**
 - NR eligible resources present in project area. (FEMA finding/ SHPO/THPO concurrence on file)
 - No Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**
 - Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
 - Resolution of Adverse Effect completed. (MOA on file)
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**

Comments: Project meets programmatic agreement allowances. No consultation is required.
Correspondence/Consultation/References: FEMA, VEM. SHPO Programmatic Agreement dated 2002.

B. Endangered Species Act

- No listed species and/or designated critical habitat present in the action area. **(Review Concluded)**
- Listed species and/or designated critical habitat present in the action area.
 - No effect to species or designated critical habitat. (See comments for justification) **(Review Concluded)**

- May affect, but not likely to adversely affect species or designated critical habitat (FEMA determination/USFWS/NMFS concurrence on file) **(Review Concluded)**
- Likely to adversely affect species or designated critical habitat
 - Formal consultation concluded. (Biological Assessment and Biological Opinion on file)
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: No Listed Species and/or designated critical habitat present in areas affected directly or indirectly by the federal action. "No species" letter from USFWS dated 4 Jan 2010.
Correspondence/Consultation/References: U.S. Fish and Wildlife Service Endangered Species web site and VT Fish and Game Nongame and Natural Heritage Program web site.

C. Coastal Barrier Resources Act

- Project is not located in Coastal Barriers Resource System or Otherwise Protected Area.
- Project does not affect a coastal barrier within the COBRA System (regardless of in or out) **(Review Concluded)**
- Project is located in a coastal barrier system and/or affects a coastal barrier. (FEMA determination/USFWS consultation on file)
 - Proposed action an exception under Section 3505.a.6? **(Review Concluded)**
 - Proposed action not excepted under Section 3505.a.6.
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: This project is not in or near a coastal area.
Correspondence/Consultation/References: Coastal Barrier Resources Act, N.E. maps

D. Clean Water Act

- Project site located outside of and would not affect any waters of the U.S. **(Review Concluded)**
- Project site located in or would affect waters, including wetlands, of the U.S.
 - Project exempted as in kind replacement or other exemption. **(Review Concluded)**
 - Project may require Section 404/401/10 permit, including qualification under Nationwide Permits.
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: This project may require permits from appropriate local, State, and Federal agencies. Additionally, construction activities that result in disturbed ground must be protected against erosion into the stream. The Town must follow the Clean Water Act, "Best Management Practices BMP". The Town must contact the U.S. Army Corps of Engineers to inquire if a permit is required. The Town will need to obtain all necessary permits from relevant state agencies after the project specifications have been completed and before work begins.
Correspondence / Consultation / References: Section 404 of the Clean Water Act, (Re: determinations and acquisition of appropriate permits), and local Conservation Commission regulations.

E. Coastal Zone Management Act

- Project does not affect a coastal zone area (regardless of in or out)- **(Review concluded)**
- Project is not located in a coastal zone area - **(Review concluded)**
- Project is located in a coastal zone area and/or affects the coastal zone
 - State administering agency does not require consistency review. **(Review Concluded).**
 - State administering agency requires consistency review.
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: N/A - this project is not in or near a coastal area
Correspondence/Consultation/References: Google Earth search/map of Vermont

F. Fish and Wildlife Coordination Act

- Project is not located in or affects a waterway/body of water. **(Review Concluded)**
- Project affects, controls or modifies a waterway/body of water.
 - Coordination with USFWS conducted
 - No Recommendations offered by USFWS. **(Review Concluded)**

Reviewer Name: Judith A. Muloney

Applicant: Town of Fairfield, VT

Disaster/Emergency/Program/Project Title: FEMA HMGP- 1816- Ryan Road Stabilization

- Recommendations provided by USFWS.
Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: No Listed Species and/or designated critical habitat present in areas affected directly or indirectly by the federal action. "No species" letter from USFWS dated 4 Jan 2010.

Correspondence/Consultation/References: U.S. Fish and Wildlife Service Endangered Species web site and VT Fish and Game Nongame and Natural Heritage Program web site.

G. Clean Air Act

- Project will not result in permanent air emissions. (Review Concluded)
 Project is located in an attainment area. (Review Concluded)
 Project is located in a non-attainment area.
 Coordination required with applicable state administering agency.
Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: Any emissions from construction equipment will be temporary in nature. Only minimal, temporary dust and increased emissions from construction vehicles caused by a routine construction project might occur.

Correspondence/Consultation/References: project description

H. Farmlands Protection Policy Act

- Project does not affect prime or unique farmland. (Review Concluded)
 Project causes unnecessary or irreversible conversion of prime or unique farmland.
 Coordination with Natural Resource Conservation Commission required.
 Farmland Conversion Impact Rating, Form AD-1006, completed.
Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: No commitment of farm lands. No intrusion into existing farmland will occur.

Correspondence/Consultation/References: See project description.

I. Migratory Bird Treaty Act

- Project not located within a flyway zone. (Review Concluded)
 Project located within a flyway zone.
 Project does not have potential to take migratory birds. (Review Concluded)
 Project has potential to take migratory birds.
 Contact made with USFWS
Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: N/A This project will not result in the migratory taking of birds.

Correspondence/Consultation/References: The Migratory Bird Treaty Act and Executive Order 13186, project description

J. Magnuson-Stevens Fishery Conservation and Management Act

- Project not located in or near Essential Fish Habitat. (Review Concluded)
 Project located in or near Essential Fish Habitat.
 Project does not adversely affect Essential Fish Habitat. (Review Concluded)
 Project adversely affects Essential Fish Habitat (FEMA determination/USFWS/NMFS concurrence on file)
 NOAA Fisheries provided no recommendation(s) (Review Concluded).
 NOAA Fisheries provided recommendation(s)
 Written reply to NOAA Fisheries recommendations completed.
Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: No Listed Species and/or designated critical habitat present in areas affected directly or indirectly by the federal action. "No species" letter from USFWS dated 4 Jan 2010.
Correspondence/Consultation/References: U.S. Fish and Wildlife Service Endangered Species web site and VT Fish and Game Nongame and Natural Heritage Program web site.

K. Wild and Scenic Rivers Act

- Project is not along and does not affect a Wild or Scenic River - (Review Concluded)
 - Project is along or affects Wild or Scenic River
 - Project adversely affects WSR as determined by NPS/USFS. FEMA cannot fund the action. (NPS/USFS/USFWS/BLM consultation on file)
 - Project does not adversely affect WSR. (NPS/USFS/USFWS/BLM consultation on file)
- Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: N/A – No designated river is impacted by this proposal.
Correspondence/Consultation/References: Review of Web site: <http://www.rivers.gov/wildriverslist.html#vt>

L. Other Relevant Laws and Environmental Regulations

Identify relevant law or regulations, resolution and any consultation/references: *N/A*

II. Compliance Review for Executive Orders

A. E.O. 11988 - Floodplains

- Outside Floodplain and No Effect on Floodplains/Flood levels - (Review Concluded)
 - Located in Floodplain or Effects on Floodplains/Flood levels
 - No adverse effect on floodplain or can be adversely affected by the floodplain. (Review Concluded),
 - Beneficial Effect on Floodplain Occupancy/Values (Review Concluded),
 - Possible adverse effects associated with investment in floodplain, occupancy or modification of floodplain environment
 - 8 Step Process Complete - documentation on file
- Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: Project is located in an area of the 100-year flood with base elevations and flood hazard factors not determined.
Correspondence/Consultation/References: FIRM 500063A 9/27/1985 Zone A

B. E.O. 11990 - Wetlands

- Outside Wetland and No Effect on Wetland(s) - (Review Concluded)
 - Located in Wetland or effects Wetland(s)
 - Beneficial Effect on Wetland - (Review Concluded)
 - Possible adverse effect associated with constructing in or near wetland
 - Review completed as part of floodplain review
 - 8 Step Process Complete - documentation on file
- Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: The project does not have an adverse impact on the wetland.
Correspondence/Consultation/References: FIRM 500063A 9/27/1985 Zone A

C. E.O. 12898 - Environmental Justice for Low Income and Minority Populations

- No Low income or minority population in, near or affected by the project - (Review Concluded)
 - Low income or minority population in or near project area
 - No disproportionately high and adverse impact on low income or minority population- (Review Concluded)
 - Disproportionately high or adverse effects on low income or minority population
- Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: Project will have no disproportionate effects on the local population.

Correspondence/Consultation/References:

III. Other Environmental Issues

Identify other potential environmental concerns in the comment box not clearly falling under a law or executive order (see environmental concerns scoping checklist for guidance).

Comments: Correspondence/Consultation/References: N/A

IV. Extraordinary Circumstances

Based on the review of compliance with other environmental laws and Executive Orders, and in consideration of other environmental factors, review the project for extraordinary circumstances.

* A "Yes" under any circumstance may require an Environmental Assessment (EA) with the exception of (ii) which should be applied in conjunction with controversy on an environmental issue. If the circumstance can be mitigated, please explain in comments. If no, leave blank.

Yes

- (i) Greater scope or size than normally experienced for a particular category of action
- (ii) Actions with a high level of public controversy
- (iii) Potential for degradation, even though slight, of already existing poor environmental conditions;
- (iv) Employment of unproven technology with potential adverse effects or actions involving unique or unknown environmental risks;
- (v) Presence of endangered or threatened species or their critical habitat, or archaeological, cultural, historical or other protected resources;
- (vi) Presence of hazardous or toxic substances at levels which exceed Federal, state or local regulations or standards requiring action or attention;
- (vii) Actions with the potential to affect special status areas adversely or other critical resources such as wetlands, coastal zones, wildlife refuge and wilderness areas, wild and scenic rivers, sole or principal drinking water aquifers;
- (viii) Potential for adverse effects on health or safety; and
- (ix) Potential to violate a federal, state, local or tribal law or requirement imposed for the protection of the environment.
- (x) Potential for significant cumulative impact when the proposed action is combined with other past, present and reasonably foreseeable future actions, even though the impacts of the proposed action may not be significant by themselves.

Comments:

V. Environmental Review Project Conditions

General comments: *N/A*

1. If ground disturbing activities occur during implementation, the applicant will monitor excavation activity, and if any artifacts or human remains are found during the excavation process all work is to cease and the applicant will notify FEMA, Grantee, and SHPO/THPO.
2. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements for the abatement and disposal of lead, asbestos, and other routinely encountered hazardous substances. If there is an unusual material encountered or there is an extraordinary amount of lead, asbestos, or other routinely encountered material the applicant must contact the Grantee and the Grantee must contact FEMA. The applicant must also contact the relevant agency with authority for regulation of the material.
3. If deviations from the proposed scope of work result in design changes, the need for additional ground disturbance, additional removal of vegetation, or result in any other unanticipated changes to the physical environment, the Grantee must contact FEMA, and a re-evaluation under NEPA and other applicable environmental laws will be conducted by FEMA.

Other Required Project Specific Conditions

1. The applicant is required to obtain any applicable permits with the New Hampshire Department of Environmental Protection and the U.S. Army Corps of Engineers if this project is located in a wetland or has an effect on a wetland. All conditions of any permit acquired become conditions of this grant, and a copy of such permit(s) should be forwarded to FEMA.
2. The culvert must be constructed in such a way as to not inhibit the movement of aquatic organisms, particularly fish. The culvert invert must be placed approximately 6" in the streambed or an arch or bottomless structure must be used.
3. As long as the appropriate soil erosion/siltation control measures and the best management practices for roads and culverts (e.g. placing culvert inverts at or slightly below grade in the bed of the stream to accommodate fish passage, working during low flow summer periods, etc.) are utilized, harm to fish and wildlife will be minimized.
4. The applicant must seed, mulch, and replant any disturbed ground with native shrubs and vegetation. A special effort shall be made to plant native vegetation at higher bank elevations.
5. The applicant must ensure that best managing practices for roads and culverts are utilized, and installation of erosion control. Construction activities that result in disturbed ground must be protected against erosion into the stream. The Town must follow the Clean Water Act's: "Best Management Practices, BMP" for erosion control during construction of this project. This includes, the applicant applying for all local, state, and federal permits and easements necessary to complete the project and obtaining these permits prior to commencement of any work. Any conditions of these permits become conditions of this grant, project, and environmental review. In accordance with FEMA Guidelines, applicants are required to comply with the federal law provisions of: the Water Pollution Control Act, as amended; Section 10 of the Rivers and Harbors Act; and Section 404 of the Clean Water Act, requirements regarding acquisition of appropriate permits or determinations from the U.S. Army Corps of Engineers (USACE) for projects funded by FEMA. All correspondence (including copies of any permits issued by USACE) regarding these determinations should be coordinated with and copies forwarded to FEMA. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements and/or obtain proper local, state, and federal permit concerning this project. Any conditions of this process or these regulations, laws, and policies become conditions of this grant, project, and environmental review.

Monitoring Requirements:

Quarterly Reports and final inspection of scope of work and accounting records are required.

[COPY]



FEMA

RECEIVED
OCT 11 2010
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September 21, 2010

Ms. Barbara Farr, Director
Vermont Emergency Management Agency
Dept of Public Safety
103 South Main Street
Waterbury, VT 05671-2101

SUBJECT: FEMA-DR-1816-VT
Hazard Mitigation Grant Program Project #5F
Vermont Emergency Management South Windsor RPC Outreach Project

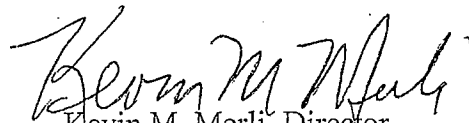
Dear Ms. Farr:

Enclosed please find the Regional Environmental Officer's Record of Environmental Consideration and the Allocation, Obligation, Financial Activity and Project Management reports for the following Hazard Mitigation Grant Program project:

1816-5F	Vermont Emergency Management	
	Vermont Emergency Management South Windsor RPC Outreach Project	\$ 4,688
	Total:	\$ 4,688

If you have any questions, please do not hesitate to call Judith Maloney at our Hazard Mitigation Office at (617) 832-4797.

Sincerely,


Kevin M. Merli, Director
Mitigation Division

Attachment

Project Review and Conditions Status

Project Name/Number: FEMA-HMGP-1816-Vermont Emergency Management
Southern Windsor Regional Planning Commission Outreach
Project, VT

Project Location: Statewide

Project Description: The Vermont Emergency Management Southern Windsor Regional Planning Commission, VT intends to provide mitigation outreach materials chosen and developed collaboratively with the State Hazard Mitigation Officer along with preparedness materials to selected audiences. Detailed documentation of the outreach materials and audiences will be provided before the grant is closed.

Monitoring Requirements:

Quarterly Reports and final inspection of scope of work and accounting records are required.

Funding

Total Cost of Project:	\$ 6,250
Federal Share	\$ 4,688
Applicant Share	\$ 1,562

Any deviation from this scope of work, conditions or funding must be approved in advance, in writing.

- **Applicants must comply with HMGP requirements, grants management procedures in 44 CFR Part 13, the grant agreement, and applicable Federal State, and laws and standards.**

ABBREVIATED RECORD OF ENVIRONMENTAL CONSIDERATION

See 44 Code of Federal Regulation Part 10.

Project Name/Number: FEMA-HMGP-1816 Southern Windsor Regional Planning Commission Project, VT

Project Location: Statewide

Project Description: The Vermont Emergency Management Southern Windsor Regional Planning Commission, VT intends to provide mitigation outreach materials chosen and developed collaboratively with the State Hazard Mitigation Officer along with preparedness materials to selected audiences. Detailed documentation of the outreach materials and audiences will be provided before the grant is closed.

Project Conditions & Other Required Project Specific Conditions

1. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements for the contracting of consultants and or contractors.
2. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements for the release of public information. The applicant must also contact the State NFIP Coordinator for regulation of the material.
3. If deviations from the proposed scope of work result in design changes, the need for additional or result in any other unanticipated changes to the scope of work, the Grantee must contact FEMA, and a re-evaluation of the project will be discussed.

HISTORIC BUILDINGS AND STRUCTURES

No historic properties that are listed or 45/50 years or older in project area. **(Review Concluded)**

Building or structure listed or 45/50 years or older in project area and activity not exempt from review.

Determination of No Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)

Are project conditions required? Yes (see section V) No **(Review Concluded)**

Determination of Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)

Property a National Historic Landmark and National Park Service was provided early notification during the consultation process. If not, explain in comments

No Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file).

Are project conditions required? Yes (see section V) No **(Review**

Concluded)

Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file)

Resolution of Adverse Effect completed. (MOA on file)

Are project conditions required Yes (see section V) No **(Review Concluded)**

Comments: A determination of No Historic Properties Affected is made under the terms of the Vermont Programmatic Agreement, Appendix B, Section XII. B & E. No consultation with SHPO is required.

Correspondence/Consultation/References: VT Programmatic Agreement 8.7.02.

ARCHEOLOGICAL RESOURCES

- Project affects only previously disturbed ground. **(Review Concluded)**
- Project affects undisturbed ground.
- Project area has no potential for presence of archeological resources
- Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence or consultation on file). **(Review Concluded)**
- Project area has potential for presence of archeological resources
- Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence on file)
- Are project conditions required Yes (see section V) No **(Review Concluded)**
- Determination of historic properties affected
- NR eligible resources not present (FEMA finding/SHPO/THPO concurrence on file).
- Are project conditions required Yes (see section V) No **(Review Concluded)**
- NR eligible resources present in project area. (FEMA finding/ SHPO/THPO concurrence on file)
- No Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
- Are project conditions required? Yes (see section V) No **(Review Concluded)**
- Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
- Resolution of Adverse Effect completed. (MOA on file)
- Are project conditions required? Yes (see section V) No **(Review Concluded)**

Comments: Project is a risk assessment tool.

Correspondence/Consultation/References: Project description

THREATENED AND ENDANGERED SPECIES

- No listed species and/or designated critical habitat present in areas affected directly or indirectly by the Federal action. **(Review Concluded)**
- Listed species and/or designated critical habitat present in the areas affected directly or indirectly by the Federal action.
- No effect to species or designated critical habitat. (See comments for justification)
- Are project conditions required? Yes (see section V) No **(Review Concluded)**
- May affect, but not likely to adversely affect species or designated critical habitat (FEMA determination/USFWS/NMFS concurrence on file) **(Review Concluded)**

- Are project conditions required? Yes (see section V) No (**Review Concluded**)
- Likely to adversely affect species or designated critical habitat
 - Formal consultation concluded. (Biological Assessment and Biological Opinion on file)

Are project conditions required? YES (see section V) NO (**Review Concluded**)

Comments: No threatened or endangered species or critical habitat will be affected.
Correspondence/Consultation/References: Project description

E.O. 11988 – FLOODPLAINS

- No Effect on Floodplains/Flood levels and project outside Floodplain - (**Review Concluded**)
- Located in Floodplain or Effects on Floodplains/Flood levels
 - No adverse effect on floodplain and not adversely affected by the floodplain. (**Review Concluded**),
 - Are project conditions required? Yes (see section V) No (**Review Concluded**)
 - Beneficial Effect on Floodplain Occupancy/Values (**Review Concluded**).
 - Possible adverse effects associated with investment in floodplain, occupancy or modification of floodplain environment
 - 8 Step Process Complete - documentation on file
 - Are project conditions required? YES (see section V) NO (**Review Concluded**)

Comments: Project will not affect any floodplain values.
Correspondence/Consultation/References: Project description

E.O. 11990 – WETLANDS

- No Effects on Wetland(s) and project located outside Wetland(s) - (**Review Concluded**)
- Located in Wetland or effects Wetland(s)
 - Beneficial Effect on Wetland - (**Review Concluded**)
 - Possible adverse effect associated with constructing in or near wetland
 - Review completed as part of floodplain review
 - 8 Step Process Complete - documentation on file
 - Are project conditions required? YES (see section V) NO (**Review Concluded**)

Comments: Project will not have an adverse effect any wetland values.
Correspondence/Consultation/References: Project description

E.O. 12898 - Environmental Justice for Low Income and Minority Populations

- No Low income or minority population in, near or affected by the project - (**Review Concluded**)
- Low income or minority population in or near project area
 - No disproportionately high and adverse impact on low income or minority population- (**Review Concluded**)
 - Disproportionately high or adverse effects on low income or minority population

Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: Project will have no disproportionate effects on the local population.
Correspondence/Consultation/References: Project description

OTHER RELEVANT LAWS AND ENVIRONMENTAL REGULATIONS

- No impacts to other substantive laws/Executive Orders identified. Review concluded.
- Other applicable substantive laws/Executive Orders. (Identify law/E.O. and conditions if any below).

Identify relevant law or regulations, resolution and any consultation/references

No extraordinary circumstances as described in 44 CFR 10.8(d)(3) were identified during project review.

REVIEWER AND APPROVALS

- FEMA Environmental Reviewer.

Name:

Signature Judith A. Maloney . Date 4/10/10

FEMA Regional Environmental Officer or delegated approving official.

Name:

Signature _____ . Date _____

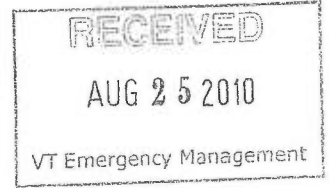
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U.S. Department of Homeland Security
Region I
99 High Street, Sixth Floor
Boston, MA 02110-2132



FEMA

August 23, 2010



Ms. Barbara Farr, Director
Vermont Emergency Management Agency
Dept of Public Safety
103 South Main Street
Waterbury, VT 05671-2101

SUBJECT: FEMA-DR-1816-VT
Hazard Mitigation Grant Program Project #2P
Risk Assessment Project, Two Rivers-Ottauquechee Regional Commission, VT

Dear Ms. Farr:

Enclosed please find the Regional Environmental Officer's Record of Environmental Consideration and the Allocation, Obligation, Financial Activity and Project Management reports for the following Hazard Mitigation Grant Program project:

1816-2P	Two Rivers-Ottauquechee Regional Commission Risk Assessment Project	\$ 13,975
Total:		\$ 13,975

If you have any questions, please do not hesitate to call Judith Maloney at our Hazard Mitigation Office at (617) 832-4797.

Sincerely,


Kevin M. Merli, Director
Mitigation Division

Attachment

Project Review and Conditions Status

Project Name/Number: FEMA-HMGP-1816 Risk Assessment Project, Two Rivers-
Ottauquechee Regional Planning Commission, VT

Project Location: Statewide

Project Description: The Two Rivers- Ottauquechee Regional Planning Commission, VT intends to provide a GIS model to accommodate the production of flood risk assessment inventories and maps for community officials and other stakeholders. The GIS model will be a collection of tools that use various special data sets to identify sites with flood risk. The created tools will produce new risk assessments and updated inputs to be incorporated into local mitigation plans.

Monitoring Requirements:

Quarterly Reports and final inspection of scope of work and accounting records are required.

Funding

Total Cost of Project:	\$ 18,633
Federal Share	\$ 13,975
Applicant Share	\$ 4,658

Period of Performance

If an extension of the deadline is needed, please contact the State Hazard Mitigation Officer.

- **Any deviation from this scope of work, conditions or funding must be approved in advance, in writing.**
- **Applicants must comply with HMGP requirements, grants management procedures in 44 CFR Part 13, the grant agreement, and applicable Federal State, and laws and standards.**

ABBREVIATED RECORD OF ENVIRONMENTAL CONSIDERATION

See 44 Code of Federal Regulation Part 10.

Project Name/Number: FEMA-HMGP-1816 Risk Assessment Project, Two Rivers-Ottawaquechee Regional Planning Commission, VT

Project Location: Statewide

Project Description: The Two Rivers- Ottawaquechee Regional Planning Commission, VT intends to provide a GIS model to accommodate the production of flood risk assessment inventories and maps for community officials and other stakeholders. The GIS model will be a collection of tools that use various special data sets to identify sites with flood risk. The created tools will produce new risk assessments and updated inputs to be incorporated into local mitigation plans.

Project Conditions & Other Required Project Specific Conditions

1. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements for the contracting of consultants and or contractors.
2. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements for the release of public information. The applicant must also contact the State NFIP Coordinator for regulation of the material.
3. If deviations from the proposed scope of work result in design changes, the need for additional or result in any other unanticipated changes to the scope of work, the Grantee must contact FEMA, and a re-evaluation of the project will be discussed.

HISTORIC BUILDINGS AND STRUCTURES

No historic properties that are listed or 45/50 years or older in project area. **(Review Concluded)**

Building or structure listed or 45/50 years or older in project area and activity not exempt from review.

Determination of No Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)

Are project conditions required? Yes (see section V) No **(Review Concluded)**

Determination of Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)

Property a National Historic Landmark and National Park Service was provided early notification during the consultation process. If not, explain in comments

No Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file).

Are project conditions required? Yes (see section V) No **(Review**

Concluded)

Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file)

Resolution of Adverse Effect completed. (MOA on file)

Are project conditions required Yes (see section V) No **(Review Concluded)**

Comments: A determination of No Historic Properties Affected is made under the terms of the Vermont Programmatic Agreement, Appendix B, Section XII. B & E. No consultation with SHPO is required.

Correspondence/Consultation/References: VT Programmatic Agreement 8.7.02.

ARCHEOLOGICAL RESOURCES

- Project affects only previously disturbed ground. **(Review Concluded)**
- Project affects undisturbed ground.
 - Project area has no potential for presence of archeological resources
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence or consultation on file). **(Review Concluded)**
 - Project area has potential for presence of archeological resources
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence on file)
 - Are project conditions required Yes (see section V) No **(Review Concluded)**
 - Determination of historic properties affected
 - NR eligible resources not present (FEMA finding/SHPO/THPO concurrence on file).
 - Are project conditions required Yes (see section V) No **(Review Concluded)**
 - NR eligible resources present in project area. (FEMA finding/ SHPO/THPO concurrence on file)
 - No Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**
 - Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
 - Resolution of Adverse Effect completed. (MOA on file)
 - Are project conditions required? Yes (see section V) No **(Review Concluded)**

Comments: A determination of No Historic Properties Affected is made under the terms of the Vermont Programmatic Agreement, Appendix B, Section XII. B & E. No consultation with SHPO is required.

Correspondence/Consultation/References: VT Programmatic Agreement 8.7.02. Project description

THREATENED AND ENDANGERED SPECIES

- No listed species and/or designated critical habitat present in areas affected directly or indirectly by the Federal action. **(Review Concluded)**
- Listed species and/or designated critical habitat present in the areas affected directly or indirectly by the Federal action.
 - No effect to species or designated critical habitat. (See comments for justification)

- Are project conditions required? Yes (see section V) No (**Review Concluded**)
- May affect, but not likely to adversely affect species or designated critical habitat (FEMA determination/USFWS/NMFS concurrence on file) (**Review Concluded**)

- Are project conditions required? Yes (see section V) No (**Review Concluded**)
- Likely to adversely affect species or designated critical habitat
 - Formal consultation concluded. (Biological Assessment and Biological Opinion on file)

Are project conditions required? YES (see section V) NO (**Review Concluded**)

*Comments:*No threatened or endangered species or critical habitat will be affected.

Correspondence/Consultation/References: Project description

E.O. 11988 – FLOODPLAINS

- No Effect on Floodplains/Flood levels and project outside Floodplain - (**Review Concluded**)
- Located in Floodplain or Effects on Floodplains/Flood levels
 - No adverse effect on floodplain and not adversely affected by the floodplain. (**Review Concluded**).

- Are project conditions required? Yes (see section V) No (**Review Concluded**)
- Beneficial Effect on Floodplain Occupancy/Values (**Review Concluded**).
- Possible adverse effects associated with investment in floodplain, occupancy or modification of floodplain environment

- 8 Step Process Complete - documentation on file

Are project conditions required? YES (see section V) NO (**Review Concluded**)

Comments: Project will not affect any floodplain values.

Correspondence/Consultation/References: Project description

E.O. 11990 – WETLANDS

- No Effects on Wetland(s) and project located outside Wetland(s) - (**Review Concluded**)
- Located in Wetland or effects Wetland(s)
 - Beneficial Effect on Wetland - (**Review Concluded**)
 - Possible adverse effect associated with constructing in or near wetland

- Review completed as part of floodplain review

- 8 Step Process Complete - documentation on file

Are project conditions required? YES (see section V) NO (**Review Concluded**)

Comments: Project will not affect any wetland values.

Correspondence/Consultation/References: Project description

E.O. 12898 - Environmental Justice for Low Income and Minority Populations

- No Low income or minority population in, near or affected by the project - (**Review Concluded**)
- Low income or minority population in or near project area

No disproportionately high and adverse impact on low income or minority population-
(Review Concluded)

Disproportionately high or adverse effects on low income or minority population

Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: Project will have no disproportionate effects on the local population.

Correspondence/Consultation/References: Project description

OTHER RELEVANT LAWS AND ENVIRONMENTAL REGULATIONS

No impacts to other substantive laws/Executive Orders identified. Review concluded.

Other applicable substantive laws/Executive Orders. (Identify law/E.O. and conditions if any below).

Identify relevant law or regulations, resolution and any consultation/references

No extraordinary circumstances as described in 44 CFR 10.8(d)(3) were identified during project review.

REVIEWER AND APPROVALS

FEMA Environmental Reviewer.

Name:

Signature Judith A. Maloney . Date 8/21/2010

FEMA Regional Environmental Officer or delegated approving official.

Name:

Signature _____ . Date _____



FEMA

September 7, 2010

(C) Y

Ms. Barbara Farr, Director
Vermont Emergency Management Agency
Dept of Public Safety
103 South Main Street
Waterbury, VT 05671-2101

RECEIVED
SEP 21 2010
DPS - ACT
COPY

SUBJECT: FEMA-DR-1816-VT
Hazard Mitigation Grant Program Project #4R
Brook Road Stabilization Project, Town of Windsor, VT


Dear Ms. Farr:

Enclosed please find the Regional Environmental Officer's Record of Environmental Consideration and the Allocation, Obligation, Financial Activity and Project Management reports for the following Hazard Mitigation Grant Program project:

1816-4R	Town of Windsor Brook Road Stabilization Project	\$ 41,760
Total:		\$ 41,760

If you have any questions, please do not hesitate to call Judith Maloney at our Hazard Mitigation Office at (617) 832-4797.

Sincerely,


Kevin M. Memi, Director
Mitigation Division

Attachment

Project Review and Conditions Status

Project Name/Number: FEMA HMGP- 1816 – Brook Road Stabilization, Windsor, VT

Project Location: Brook Road, near Estey Lane, adjacent to Mill Brook
Latitude: 43.275121 Longitude: -72.252415

Project Description: The proposal is to stabilize about 600 to 1000 feet of the embankment of Mill Brook with 24” and 48” rip rap according to the enclosed diagram, and replace the guardrail and posts to prevent further damage to the road and erosion of the embankment into the brook.

Environmental Review Project Conditions

General comments: *N/A*

1. If ground disturbing activities occur during implementation, the applicant will monitor excavation activity, and if any artifacts or human remains are found during the excavation process all work is to cease and the applicant will notify FEMA, Grantee, and SHPO/THPO.
2. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements for the abatement and disposal of lead, asbestos, and other routinely encountered hazardous substances. If there is an unusual material encountered or there is an extraordinary amount of lead, asbestos, or other routinely encountered material the applicant must contact the Grantee and the Grantee must contact FEMA. The applicant must also contact the relevant agency with authority for regulation of the material.
3. If deviations from the proposed scope of work result in design changes, the need for additional ground disturbance, additional removal of vegetation, or result in any other unanticipated changes to the physical environment, the Grantee must contact FEMA, and a re-evaluation under NEPA and other applicable environmental laws will be conducted by FEMA.

Other Required Project Specific Conditions

1. The applicant is required to obtain any applicable permits with the New Hampshire Department of Environmental Protection and the U.S. Army Corps of Engineers if this project is located in a wetland or has an effect on a wetland. All conditions of any permit acquired become conditions of this grant, and a copy of such permit(s) should be forwarded to FEMA.
2. The culvert must be constructed in such a way as to not inhibit the movement of aquatic organisms, particularly fish. The culvert invert must be place

approximately 6" in the streambed or an arch or bottomless structure must be used.

3. As long as the appropriate soil erosion/siltation control measures and the best management practices for roads and culverts (e.g. placing culvert inverts at or slightly below grade in the bed of the stream to accommodate fish passage, working during low flow summer periods, etc.) are utilized, harm to fish and wildlife will be minimized.
4. The applicant must seed, mulch, and replant any disturbed ground with native shrubs and vegetation. A special effort shall be made to plant native vegetation at higher bank elevations.
5. The applicant must ensure that best managing practices for roads and culverts are utilized, and installation of erosion control. Construction activities that result in disturbed ground must be protected against erosion into the stream. The Town must follow the Clean Water Act's: "Best Management Practices, BMP" for erosion control during construction of this project. This includes, the applicant applying for all local, state, and federal permits and easements necessary to complete the project and obtaining these permits prior to commencement of any work. Any conditions of these permits become conditions of this grant, project, and environmental review. In accordance with FEMA Guidelines, applicants are required to comply with the federal law provisions of: the Water Pollution Control Act, as amended; Section 10 of the Rivers and Harbors Act; and Section 404 of the Clean Water Act, requirements regarding acquisition of appropriate permits or determinations from the U.S. Army Corps of Engineers (USACE) for projects funded by FEMA. All correspondence (including copies of any permits issued by USACE) regarding these determinations should be coordinated with and copies forwarded to FEMA. The applicant must follow all applicable local, state, and federal laws, regulations, and requirements and/or obtain proper local, state, and federal permit concerning this project. Any conditions of this process or these regulations, laws, and policies become conditions of this grant, project, and environmental review.

Monitoring Requirements:

Quarterly Reports and final inspection of scope of work and accounting records are required.

1. As long as the appropriate soil erosion/siltation control measures and the best management practices for roads and culverts (e.g. placing culvert inverts at or slightly below grade in the bed of the stream to accommodate fish passage, working during low flow summer periods, etc.) are utilized, harm to fish and wildlife will be minimized.

2. The applicant must seed, mulch, and replant any disturbed ground with native shrubs and vegetation. A special effort shall be made to plant native vegetation at higher bank elevations.
3. Commence work during low flow period.
4. Reroute or stop the flow of water into the project site.
5. If necessary, dewater the project site.
6. Excavate unsuitable wash material from site.
7. Remove erosion control measures after the construction area has been stabilized.

Funding

Total Cost of Project:	\$ 55,680
Federal Share	\$ 41,760
Applicant Share	\$ 13,920

All permits must be obtained and forwarded to FEMA before any work begins.

- **Any deviation from this scope of work, conditions or funding must be approved in advance, in writing.**
- **Applicants must comply with HMGP requirements, grants management procedures in 44 CFR Part 13, the grant agreement, and applicable Federal State, and laws and standards.**

Record of Environmental Consideration

See 44 Code of Federal Regulation Part 10.

Project Name/Number: FEMA HMGP- 1816 – Brook Road Stabilization, Windsor, VT

Project Location: The project is on Brook Road near Estey Lane and adjacent to Mill Brook.
Latitude: 43.275121 Longitude: -72.252415

Project Description: The proposal is to stabilize about 600 to 1000 feet of the embankment of Mill Brook with 24” and 48” rip rap according to the enclosed diagram and replace the guardrail and posts to prevent further damage to the road and erosion of the embankment into the brook.

Documentation Requirements

- No Documentation Required (Review Concluded)
- (Short version) All consultation and agreements implemented to comply with the National Historic Preservation Act, Endangered Species Act, and Executive Orders 11988, 11990 and 12898 are completed and no other laws apply. (Review Concluded)
- (Long version) All applicable laws and executive orders were reviewed. Additional information for compliance is attached to this REC.

National Environmental Policy Act (NEPA) Determination

- Statutorily excluded from NEPA review. (Review Concluded)
- Categorical Exclusion - Category (xv & xvi) Type Single Project
 - No Extraordinary Circumstances exist.
Are project conditions required? Yes (see section V) No (Review Concluded)
 - Extraordinary Circumstances exist (See Section IV).
 - Extraordinary Circumstances mitigated. (See Section IV comments)
Are project conditions required? Yes (see section V) No (Review Concluded)
 - Environmental Assessment required. See FONSI for determination, conditions and approval.
- Environmental Assessment required. See FONSI for determination, conditions and approval.

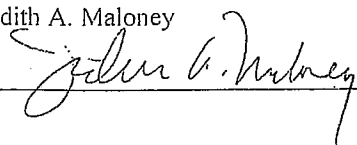
Comments: This is a project within the area of previously disturbed ground.
Correspondence/Consultation/References: Project Description. Based on information provided by the grantee, the scope of work for this project qualifies as a Categorical Exclusion (CATEX) under 44 CFR Part 10.8 (d)(2)(xv & xvi)

Reviewer and Approvals

FEMA Environmental Reviewer

Name: Judith A. Maloney

Signature



Date

7-27-10

FEMA Regional Environmental Officer or delegated approving official

Name: John P. Sullivan

Signature John P. Sullivan Date 8/27/10

I. Compliance Review for Environmental Laws (other than NEPA)

A. National Historic Preservation Act

- Not type of activity with potential to affect historic properties. (Review Concluded)
- Applicable executed Programmatic Agreement. Otherwise, conduct standard Section 106 review.
 - Activity meets Programmatic Allowance # B.1.B; III.A&B
 - Are project conditions required? Yes (see section V) No (Review Concluded)

HISTORIC BUILDINGS AND STRUCTURES

- No historic properties 50 years or older in project area. (Review Concluded)
- Building or structure 50 years or older in project area and activity not exempt from review.
 - Determination of No Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)
 - Are project conditions required? Yes (see section V) No (Review Concluded)
 - Determination of Historic Properties Affected (FEMA finding/SHPO/THPO concurrence on file)
 - Property a National Historic Landmark and National Park Service was provided early notification during the consultation process. If not, explain in comments
 - No Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file)
 - Are project conditions required? Yes (see section V) No (Review Concluded)
 - Adverse Effect Determination (FEMA finding/SHPO/THPO concurrence on file)
 - Resolution of Adverse Effect completed. (MOA on file)
 - Are project conditions required? Yes (see section V) No (Review Concluded)

ARCHEOLOGICAL RESOURCES

- Project affects only previously disturbed ground. (Review Concluded)
- Project affects undisturbed ground.
 - Project area has no potential for presence of archeological resources
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence or consultation on file). (Review Concluded)
 - Project area has potential for presence of archeological resources
 - Determination of no historic properties affected (FEMA finding/SHPO/THPO concurrence on file)
 - Are project conditions required? Yes (see section V) No (Review Concluded)
 - Determination of historic properties affected
 - NR eligible resources not present (FEMA finding/SHPO/THPO concurrence on file)
 - Are project conditions required? Yes (see section V) No (Review Concluded)
 - NR eligible resources present in project area. (FEMA finding/ SHPO/THPO concurrence on file)
 - No Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
 - Are project conditions required? Yes (see section V) No (Review Concluded)
 - Adverse Effect Determination. (FEMA finding/ SHPO/THPO concurrence on file)
 - Resolution of Adverse Effect completed. (MOA on file)
 - Are project conditions required? Yes (see section V) No (Review Concluded)

Comments: Project meets programmatic agreement allowances. No consultation is required.
 Correspondence/Consultation/References: FEMA, VEM. SHPO Programmatic Agreement dated 2002.

B. Endangered Species Act

- No listed species and/or designated critical habitat present in the action area. (Review Concluded)
- Listed species and/or designated critical habitat present in the action area
 - No effect to species or designated critical habitat. (See comments for justification) (Review Concluded)

- May affect, but not likely to adversely affect species or designated critical habitat (FEMA determination/USFWS/NMFS concurrence on file) (Review Concluded)
- Likely to adversely affect species or designated critical habitat
 - Formal consultation concluded. (Biological Assessment and Biological Opinion on file)
 - Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: No Listed Species and/or designated critical habitat present in areas affected directly or indirectly by the federal action. "

Correspondence/Consultation/References: U.S. Fish and Wildlife Service Endangered Species web site and VT Fish and Game Nongame and Natural Heritage Program web site.

C. Coastal Barrier Resources Act

- Project is not located in Coastal Barriers Resource System or Otherwise Protected Area.
- Project does not affect a coastal barrier within the COBRA System (regardless of in or out) (Review Concluded)
- Project is located in a coastal barrier system and/or affects a coastal barrier. (FEMA determination/USFWS consultation on file)
 - Proposed action an exception under Section 3505.a.6? (Review Concluded)
 - Proposed action not excepted under Section 3505.a.6.
 - Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: This project is not in or near a coastal area.

Correspondence/Consultation/References: Coastal Barrier Resources Act, N.E. maps

D. Clean Water Act

- Project site located outside of and would not affect any waters of the U.S. (Review Concluded)
- Project site located in or would affect waters, including wetlands, of the U.S.
 - Project exempted as in kind replacement or other exemption. (Review Concluded)
 - Project may require Section 404/401/10 permit, including qualification under Nationwide Permits.
 - Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: This project may require permits from appropriate local, State, and Federal agencies. Additionally, construction activities that result in disturbed ground must be protected against erosion into the stream. The Town must follow the Clean Water Act, "Best Management Practices BMP". The Town must contact the U.S. Army Corps of Engineers to inquire if a permit is required. The Town will need to obtain all necessary permits from relevant state agencies after the project specifications have been completed and before work begins.

Correspondence / Consultation / References: Section 404 of the Clean Water Act, (Re: determinations and acquisition of appropriate permits), and local Conservation Commission regulations.

E. Coastal Zone Management Act

- Project does not affect a coastal zone area (regardless of in or out)- (Review concluded)
- Project is not located in a coastal zone area - (Review concluded)
- Project is located in a coastal zone area and/or affects the coastal zone
 - State administering agency does not require consistency review. (Review Concluded).
 - State administering agency requires consistency review.
 - Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: N/A - this project is not in or near a coastal area

Correspondence/Consultation/References: Google Earth, search map of Vermont

F. Fish and Wildlife Coordination Act

- Project is not located in or affects a waterway/body of water. (Review Concluded)
- Project affects, controls or modifies a waterway/body of water.
 - Coordination with USFWS conducted
 - No Recommendations offered by USFWS. (Review Concluded)

- Recommendations provided by USFWS.
Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: No Listed Species and/or designated critical habitat present in areas affected directly or indirectly by the federal action.
Correspondence/Consultation/References: U.S. Fish and Wildlife Service Endangered Species web site and VT Fish and Game Nongame and Natural Heritage Program web site.

G. Clean Air Act

- Project will not result in permanent air emissions. (Review Concluded)
- Project is located in an attainment area. (Review Concluded)
- Project is located in a non-attainment area.
 - Coordination required with applicable state administering agency.
Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: Any emissions from construction equipment will be temporary in nature. Only minimal, temporary dust and increased emissions from construction vehicles caused by a routine construction project might occur.
Correspondence/Consultation/References: project description

H. Farmlands Protection Policy Act

- Project does not affect prime or unique farmland. (Review Concluded)
- Project causes unnecessary or irreversible conversion of prime or unique farmland.
 - Coordination with Natural Resource Conservation Commission required.
 - Farmland Conversion Impact Rating, Form AD-1006, completed.
Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: No commitment of farm lands. No intrusion into existing farmland will occur.
Correspondence/Consultation/References: See project description.

I. Migratory Bird Treaty Act

- Project not located within a flyway zone. (Review Concluded)
- Project located within a flyway zone.
 - Project does not have potential to take migratory birds. (Review Concluded)
 - Project has potential to take migratory birds.
 - Contact made with USFWS
Are project conditions required? YES (see section V) NO (Review Concluded)

Comments: N/A This project will not result in the migratory taking of birds.
Correspondence/Consultation/References: The Migratory Bird Treaty Act and Executive Order 13186, project description

J. Magnuson-Stevens Fishery Conservation and Management Act

- Project not located in or near Essential Fish Habitat. (Review Concluded)
- Project located in or near Essential Fish Habitat.
 - Project does not adversely affect Essential Fish Habitat. (Review Concluded)
 - Project adversely affects Essential Fish Habitat (FEMA determination/USFWS/NMFS concurrence on file)
 - NOAA Fisheries provided no recommendation(s) (Review Concluded).
 - NOAA Fisheries provided recommendation(s)
 - Written reply to NOAA Fisheries recommendations completed.
Are project conditions required? YES (see section V) NO (Review Concluded)

Memo

To: David Beatty
From: Tracy O'Connell *TO*
Date: 10/25/10
CC: file
Re: Request for Grant Acceptance

Attached you will find a Request for Grant Acceptance for the Hazard Mitigation Grant Program, Disasters #1784 and #1816, received from FEMA.

If you have any questions, please contact me at 802-241-5574 or toconnel@dps.state.vt.us.

Thank you.

HAZARD MITIGATION GRANT PROGRAM

Allocation Request

Disaster Number : 1816

Allocation Number : 6

IFMIS Status : Accept

IFMIS Date :09/24/2010

FEMA Project Number	Proj Amend Number	State Appl ID	FY	Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Allocation	Proj Total Fed Share	Proj Fed Share Prev Alloc	Max Avail for Curr Alloc
6-R	0	2	2010	\$50,614	\$0	\$0	\$50,614	\$50,614	\$50,614	\$0
TOTALS				\$50,614	\$	\$0	\$50,614			

Comments

Date: 09 / 23 / 2010 User Id: JMALONE2

Comment: allocation of \$50,614 approved

Date: 09 / 23 / 2010 User Id: RNADEAU1

Comment: HMO approves allocation of \$50,614

Authorization

Preparer Name : JUDITH MALONEY

Preparation Date : 09/23/2010

HMO Authorization Name : ROBERT NADEAU

HMO Authorization Date : 09/23/2010

Allocation Request with Signature

Disaster Number : 1816

Allocation Number : 6

IFMIS Status : Accept

IFMIS Date : 09/24/2010

FEMA Project Number	Proj Amend Number	State Appl ID	FY	Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Allocation	Proj Total Fed Share	Proj Fed Share Prev Alloc	Max Avail for Curr Alloc
6 - R	0	2	2010	\$50,614	\$0	\$0	\$50,614	\$50,614	\$50,614	\$0
TOTALS				\$50,614	\$	\$0	\$50,614			

Comments

Date: 09 / 23 / 2010 User Id: JMALONE2

Comment: allocation of \$50,614 approved

Date: 09 / 23 / 2010 User Id: RNADEAU1

Comment: HMO approves allocation of \$50,614

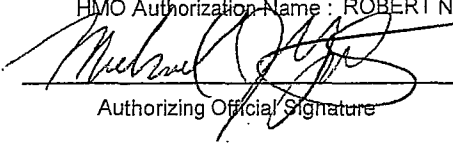
Authorization

Preparer Name : JUDITH MALONEY

Preparation Date : 09/23/2010

HMO Authorization Name : ROBERT NADEAU

HMO Authorization Date : 09/23/2010



Authorizing Official Signature

Authorizing Official Title

9/27/10

Authorization Date

Authorizing Official Signature

Authorizing Official Title

Authorization Date

HAZARD MITIGATION GRANT PROGRAM

Obligation

Disaster No	FEMA Project No	Amendment No	State Application ID	Action No	Supplemental No	State	Grantee
1816	6-R	0	2	1	6	VT	Statewide

Subgrantee: Fairfield (Town of)

Project Title : Ryan Road Stabilization, Fairfield, VT

Subgrantee FIPS Code: 011-25225

Total Amount Previously Allocated	Total Amount Previously Obligated	Total Amount Pending Obligation	Total Amount Available for New Obligation
\$50,614	\$50,614	\$0	\$0

Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Obligation	IFMIS Date	IFMIS Status	FY
\$50,614	\$0	\$0	\$50,614	09/27/2010	Accept	2010

Comments

Date: 09/27/2010 User Id: JMALONE2

Comment: obligaton of \$50,614 approved

Date: 09/27/2010 User Id: RNADEAU1

Comment: HMO approves obligation of \$50,614

Authorization

Preparer Name: JUDITH MALONEY

Preparation Date: 09/27/2010

HMO Authorization Name: ROBERT NADEAU

HMO Authorization Date: 09/27/2010

HAZARD MITIGATION GRANTS PROGRAM

Obligation Report w/ Signatures

Disaster No	FEMA Project No	Amendment No	State Application ID	Action No	Supplemental No	State	Grantee
1816	6-R	0	2	1	6	VT	Statewide

Subgrantee: Fairfield (Town of)

Project Title : Ryan Road Stabilization, Fairfield, VT

Subgrantee FIPS Code: 011-25225

Total Amount Previously Allocated	Total Amount Previously Obligated	Total Amount Pending Obligation	Total Amount Available for New Obligation
\$50,614	\$50,614	\$0	\$0

Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Obligation	IFMIS Date	IFMIS Status	FY
\$50,614	\$0	\$0	\$50,614	09/27/2010	Accept	2010

Comments

Date: 09/27/2010 User Id: JMALONE2

Comment: obligaton of \$50,614 approved

Date: 09/27/2010 User Id: RNADEAU1

Comment: HMO approves obligation of \$50,614

Authorization

Preparer Name: JUDITH MALONEY

Preparation Date: 09/27/2010

HMO Authorization Name: ROBERT NADEAU

HMO Authorization Date: 09/27/2010



Authorizing Official Signature

Authorizing Official Title

9/27/10

Authorization Date

Authorizing Official Signature

Authorizing Official Title

Authorization Date

HAZARD MITIGATION GRANT PROGRAM

Project Management Report

Disaster Number: 1816
 FEMA Project Number: 6-R
 Amendment Number: 1
 App ID: 2
 State: VT
 Grantee: Statewide

Subgrantee: Fairfield (Town of)

FIPS Code: 011-25225

Project Title: Ryan Road Stabilization, Fairfield, VT

Mitigation Project Description

Amendment Status: Approved

Approval Status: Approved

Project Title: Ryan Road Stabilization, Fairfield, VT

Grantee: Statewide

Subgrantee: Fairfield (Town of)

Grantee County Name: Franklin

Subgrantee County Name: Franklin

Grantee County Code: 11

Subgrantee County Code: 11

Grantee Place Name: Fairfield (Town of)

Subgrantee Place Name: Fairfield (Town of)

Grantee Place Code: 0

Subgrantee Place Code: 25225

Project Closeout Date: 00/00/0000

Work Schedule Status

Amend #	Description	Time Frame	Due Date	Revised Date	Completion Date
0	re-shaping/re-grading roadway	2 days	00/00/0000	00/00/0000	00/00/0000
1	re-shaping/re-grading roadway	2 days	00/00/0000	00/00/0000	00/00/0000
0	Excavation for stone-filled shoulder	3 days	00/00/0000	00/00/0000	00/00/0000
1	Excavation for stone-filled shoulder	3 days	00/00/0000	00/00/0000	00/00/0000
0	Application of Geotextile Fabric and Type 1 Stone fill	3 days	00/00/0000	00/00/0000	00/00/0000
1	Application of Geotextile Fabric and Type 1 Stone fill	3 days	00/00/0000	00/00/0000	00/00/0000
1	Paving Bituminous Surface	1 day	00/00/0000	00/00/0000	00/00/0000
0	Paving Bituminous Surface	1 day	00/00/0000	00/00/0000	00/00/0000
1	Seed, Mulch, cleanup and install delineators	1 day	00/00/0000	00/00/0000	00/00/0000
0	Seed, Mulch, cleanup and install delineators	1 day	00/00/0000	00/00/0000	00/00/0000

Approved Amounts

Total Approved Net Eligible	Federal Share Percent	Total Approved Federal Share Amount	Non-Federal Share Percent	Total Approved Non-Fed Share Amount
\$67,485	75.00000000	\$50,614	25.00000000	\$16,871

Allocations

Allocation Number	IFMIS Status	IFMIS Date	Submission Date	FY	ES Support Req ID	ES Amend Number	Proj Alloc Amount Fed Share	Grantee Admin Amount	Subgrantee Admin Amount	Total Alloc Amount
6	A	09/24/2010	09/23/2010	2010	1900436	6	\$50,614	\$0	\$0	\$50,614
Total							\$50,614	\$0	\$0	\$50,614

Obligations

Action Nr	IFMIS Status	IFMIS Date	Submission Date	FY	ES Support Req ID	ES Amend Number	Suppl Nr	Project Obligated Amt - Fed Share	Grantee Admin Amount	Subgrantee Admin Amount	Total Obligated Amount
1	A	09/27/2010	09/27/2010	2010	1934571	6	6	\$50,614	\$0	\$0	\$50,614
Total								\$50,614	\$0	\$0	\$50,614

HAZARD MITIGATION GRANT PROGRAM

Funding Estimate Financial Activity Report

Disaster Number: 1816

State: VT

Region: 1

Declaration Date: 01/14/2009

Grantee : Statewide

	Projected A	Total Allocated in NEMIS B	Available C (A - B)	Total Obligated in NEMIS D	Available E (A - D)
HMGP Project Funds	\$211,628	\$144,562	\$67,066	\$144,562	\$67,066
Regular Projects	\$186,233	\$125,899	\$60,334	\$125,899	\$60,334
Initiative Projects	\$10,581	\$4,688	\$5,893	\$4,688	\$5,893
Planning Projects	\$14,814	\$13,975	\$839	\$13,975	\$839
Subtotal	\$211,628	\$144,562	\$67,066	\$144,562	\$67,066
State Management Cost	\$10,349	\$0	\$10,349	\$0	\$10,349
TOTALS	\$221,977	\$144,562	\$77,415	\$144,562	\$77,415

For disasters declared on or after 11/13/2007:

HMGP Project funds = Regular Projects + Initiative Projects + Planning Projects.

State Management Cost is separate from the HMGP Project Funds.

State of Vermont
Hazard Mitigation Grant Program
Project Application

FEMA Disaster Code:	FEMA- DR-	1816	VT	Date Submitted:	10/30/2009
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Part 1:	Applicant Information
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Applicant Name: <small>(Eligible Applicant i.e. local government, state agency, non-profit)</small>	TOWN OF FAIRFIELD
---------------------------------------------------------------------------------------------------------------	-------------------

County:	Franklin
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Name of Local Hazard Mitigation Plan: <small>(County or Town)</small>	Town of Fairfield Hazard Mitigation Plan
---------------------------------------------------------------------------------	------------------------------------------

Date of FEMA approval of Local Plan:	Pending
---------------------------------------------	---------

Federal Tax ID Number:	03-6003260
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Primary Contact Information

Name:	Jim Smith		
Title:	Project Coordinator		
Organization:	Town of Fairfield		
Mailing Address:	66 Diamond St., St. Albans, Vt. 05478		
Work Phone Number:	802-524-4456	Alternate Phone Number:	802-752-5379
Fax Number:	802-524-4456	Email:	jim.smith66@comcast.net

Secondary Contact Information

Name:	Amanda Forbes		
Title:	Town Clerk & Treasurer		
Organization:	Town of Fairfield		
Mailing Address:	P.O. Box 5, Fairfield, Vt. 05455		
Work Phone Number:	802-827-3261	Alternate Phone Number:	
Fax Number:	802-827-3653	Email:	townoffairfield@surfglobal.net

Part 2:	Problem Description
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Location of Project:	Latitude:	44.811° N	Longitude:	72.903° W	<i>(in decimals)</i>
-----------------------------	------------------	-----------	-------------------	-----------	----------------------

Identify adjacent roads/streets and bodies of water:	Ryan Rd. is adjacent to Vt. Route 36 and borders Black Creek
-------------------------------------------------------------	--------------------------------------------------------------

Required Maps:	<input checked="" type="checkbox"/>	Local General Highway Map (attached)
	<input checked="" type="checkbox"/>	Flood Insurance Rate Map with panel number (attached)
	<input checked="" type="checkbox"/>	Topographic Map (attached)

Problem Statement: <small>(What's Happening?)</small>	<p>The Ryan road is one of several Town Highways that are flooded by Black Creek, which runs through town toward the Missisquoi River. Flooding occurs as Black Creek rises and swells over it's banks and then overtopping the Ryan Road causing erosion damage to the gravel surface and edges. So far this year calendar year this has happened three times, twice in the month of May, With each event there is erosion to the road and repetitive repair costs to the town of Fairfield. Testimony from Road Foreman indicated the Town has a high water event on this road four times each year on average. The option to raise the road grade would be counter productive to the flood mitigation efforts of the 2007. Agency of Natural Resources projects that lowered the existing railroad bed and upgraded railroad cross culverts.</p>
-----------------------------------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Supporting Documentation: <small>(Attach)</small>	<input checked="" type="checkbox"/>	Photos
	<input checked="" type="checkbox"/>	Engineering Studies
	<input checked="" type="checkbox"/>	Site Diagrams

Part 2:	Problem Description
----------------	----------------------------

continued

Statement of Damages

Date	Event	Description of Direct Damages	Description of Indirect Damages	Cost of Damage
6/01/07 - 06/01/09	8 Events	Clean up debris and replace road surface and shoulders with gravel. Labor ; Equipment and Material costs are \$9,139. Repair Road Embankment and related damages in July 2009 are \$7941.		\$ 17,080.00
6/01/07 - 06/01/09	8 Events		Road Closed for 8 Days +/- . Detour distance around is 8 miles. (Assume 112 vehicles / day at 8 miles each=896 miles @ \$0.55/ mile = \$492.80 per day X 8 = \$3942.40.	\$ 3,942.40

Part 3:	Project Objective
----------------	--------------------------

Project Objective	The Town's plan is to "Flood Proof" the Ryan Road to reduce or eliminate the repetitive damage and cost to the town.
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Part 4:	Analysis of Alternative Solutions
----------------	------------------------------------------

Alternative Solutions		
Alternative Solution	Brief Title	Description of Alternative
1	Raise to road grade.	Raise the road grade by filling to a height Black Creek would not overtop the road. This alternative was not recommended by Vt. Dept. of Environmental Conservation as they are in a Flood Plain partnership with the Lamoille Valley RR Rail Trail and property owners to lower the rail bed to allow water in the flood plain.
2	Flood Proof the Highway	Plan to stabilize the roadbed would include regrading the highway, constructing an Stone Fill Geotextile wrapped road shoulder on the downstream side of the road, apply Bituminous Concrete surface to the road and erect delineators to the road edges for safety.
3	No Action	No Action
Supporting Documentation: <i>(Attach)</i>	<input checked="" type="checkbox"/> Yes	Did any of the alternatives have significant impacts or limitations?
	<input checked="" type="checkbox"/> Yes	If Yes, provide additional information concerning these impacts Is the information attached?
	<input type="checkbox"/> Yes	Hydrology/ hydraulics reports, if applicable
	<input checked="" type="checkbox"/>	Supporting documentation for the alternatives (i.e. drawings, designs, pictures) <i>(Attached)</i>

Preferred Alternative	
-----------------------	--

Chosen Alternative:	Alternative 2
Justification:	After a Selectman's meeting with Chris Brunelle, Stream Alterations Engineer with the Vt. Dept of Environmental Conservation, it was recommended that the Town not pursue Alternative Solution 1, as it would have a negative effect on the efforts in place for flood plain management of the old Lamoille Valley RR (Trail) and adjacent property owners.

Part 5:	Project Description
----------------	----------------------------

Project Description	Proposal is to stabilize the roadbed which would include regrading/reshaping the highway, constructing an Stone Fill Geotextile wrapped road shoulder on the downstream side of the road, apply Bituminous Concrete surface to the road and erect delineators on the road edges for safety during high water should emergency vehicles need to pass. The Town Road Crew will construct and maintain the project under the supervision of the Road Foreman or his designee, who reports to the Town of Fairfield Selectboard
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Expected Life of Project	30 years with limited maintenance.
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Supporting Documentation: <i>(Attach)</i>	<input checked="" type="checkbox"/>	Photos
	<input type="checkbox"/>	Engineering Studies
	<input checked="" type="checkbox"/>	Site Diagrams

Project Costs for Preferred Alternative				
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Item	Unit Qty.	Unit Measurement	Unit Cost	Cost Estimate
See Attached Estimate				
			Total Project Cost Estimate	\$67,485.00

Summary of Project Costs				
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A		Total Project Costs		\$67,485.00
---	--	----------------------------	--	--------------------

B	FEMA Share (75% of Line A)	\$50,613.75
C	Local Share (25% of Line A) Note: The sum of lines 1-3 must equal Line C	\$16,871.25
	1. Cash	\$8,271.25
	2. In-Kind Service	\$8,600.00
	3. Other	\$0.00
D	Total Local Share (Equal to Line C)	\$16,871.25
E	Total Project Costs (Line B + Line D) Note: Line A and D are equal	\$67,485.00

Identify source of local non-federal match:

Part 6: Benefit/Cost Analysis

Estimated Project Cost	\$67,485	Future Maintenance costs for life of project	\$50,000
Total Cost = Project Cost + Future Maintenance		Total Cost	\$117,485
Total Damages	\$ -21,022.40	Years of Damage	2.08333
		Annualized Damages	\$ 10,090.77
Annualized Damages	\$ 10,090.77	Expected Life of Project	50
Anticipated Damages without project over time = Annualized damages* Expected life of project		Anticipated Damage without Project (Anticipated Loss or Benefit)	\$ 504,538.50
Benefit/Cost Ratio = Anticipated Loss or Benefit /Total Cost		Benefit/Cost Ratio	BCA = 1.68 - From (Limited Data Module)

Only projects with a benefit/cost ratio of 1:0 or greater will be considered. If your project meets that criteria, continue through the next sections of the application.

Part 7: Scope of Work

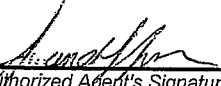
Task Description	Days to Complete
Reshaping/regrading roadway	2
Excavation for stone fill shoulder	3
Application of Geotextile Fabric and Type I Stone fill	3
Paving Bituminous Surface	1
Seed, Mulch, cleanup and install delineators	1

Part 8: Technical Confirmation

Supporting Documentation: (Attach)	<input checked="" type="checkbox"/>	Has the hydrology/hydraulics/structural design of this project been endorsed by the local Highway District Engineer, Local Stream Alteration Engineer, a Consulting Engineer or other Technical Experts?
	<input checked="" type="checkbox"/>	Supporting letter(s) (attached)

Part 9: Authorized Signature

I certify that I am the authorized agent for the applicant and have responsibility for the development and completion of this application and all the information contained herein is true and accurate.

	Amanda Forbes Town Clerk	10/30/09
Authorized Agent's Signature		Date

Town of Fairfield

HMGP Project 2009 - Estimate

Ryan Road (TH 31)

Project Length + 1000 Ft. +/-

Item	Unit	Unit Cost	No. of Units	Total Cost
<u>Town Equipment</u>				
Excavator (Hired) Excavation	Hr.	\$ 100.00	10	\$ 1,000.00
Excavator (Hired) Stone Fill	Hr.	\$ 100.00	12	\$ 1,200.00
Truck - Excavation	Hr.	\$ 75.00	12	\$ 900.00
Truck - Road Gravel	Hr.	\$ 75.00	42	\$ 3,150.00
Truck - Stone Shoulder	Hr.	\$ 75.00	5	\$ 375.00
Loader	Hr.	\$ 50.00	10	\$ 500.00
Mulcher	Hr.	\$ 25.00	4	\$ 100.00
Grader	Hr.	\$ 70.00	12	\$ 840.00
<u>Town Labor</u>				
Laborer	Hr.	\$ 20.00	16	\$ 320.00
Trk. Driver	Hr.	\$ 20.00	60	\$ 1,200.00
Operator	Hr.	\$ 25.00	26	\$ 650.00
Foreman	Hr.	\$ 25.00	24	\$ 600.00
<u>Materials</u>				
Stone Fill - Type 1	C.Y.	\$ 14.00	380	\$ 5,320.00
Gravel	C.Y.	\$ 10.00	500	\$ 5,000.00
Filter Fabric	S.Y.	\$ 2.00	1120	\$ 2,240.00
Bituminous Concrete	Tons	\$ 85.00	500	\$ 42,500.00
Delineator Posts & Reflectors	ea.	\$ 25.00	20	\$ 500.00
Seed	LB.	\$ 2.00	15	\$ 30.00
Mulch	Bale	\$ 3.00	20	\$ 60.00
Project Layout and Inspection	L.S.	\$ 500.00	1	\$ 500.00
Traffic Control	L.S.	\$ 500.00	1	\$ 500.00
			Total	\$ 67,485.00



State of Vermont
Operations Division - District 8
680 Lower Newton
St. Albans VT 05478
www.aot.state.vt.us

[phone] 802-524-5926
[fax] 802-524-7940
[ttd] 800-253-0191

Agency of Transportation

July 31, 2009

Town of Fairfield
Attn: Selectman Chair
P.O. Box 5
Fairfield, VT 05455

Subject: Ryan Road Flood Stabilization Plan

Dear Selectman Chair,

I have reviewed the Flood Stabilization Plan proposal that the Town of Fairfield is applying for on Ryan Road, TH #31. I strongly support the town's proposal on this section of road; plan attached. A very similar stabilization plan was constructed in a neighboring town and the outcome was very successful with minimal cost.

The proposed work that the town wants to perform on Ryan Road will improve the water quality and also reduce town cost due to damage from frequent high water occurrences. This plan should minimize or even eliminate any future road damage in this area.

If you have any questions, feel free to contact me at (802)524-5926.

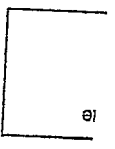
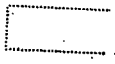
Sincerely,

A handwritten signature in black ink that reads "Randy J. Reed". The signature is written in a cursive style.

Randy J. Reed
District Project Manager

cc: District 8 File
Jim Smith, Smith Technical Services ✓



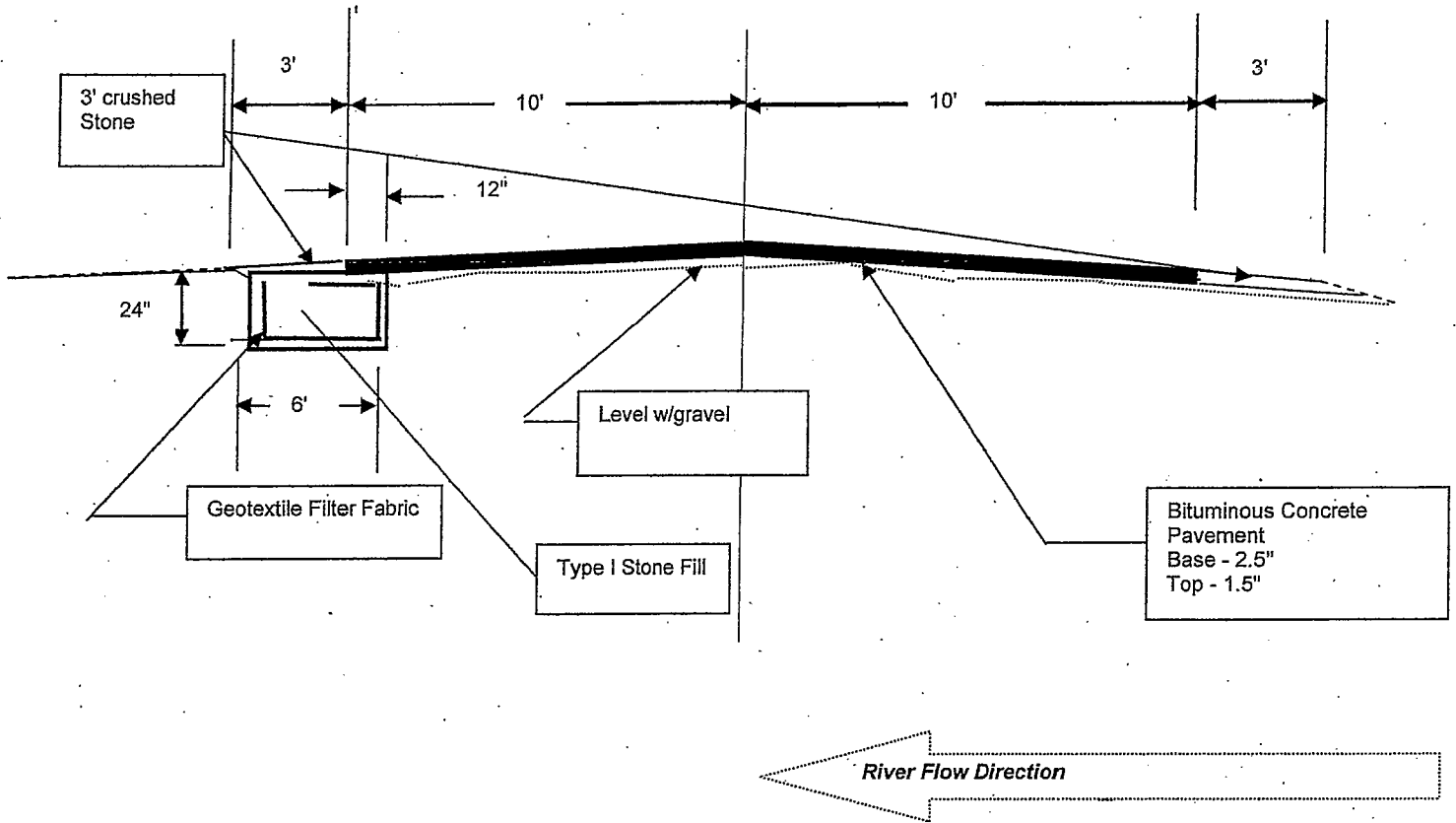


4



Town of Fairfield

Ryan Road - Flood Stabilization Plan



TOWN OF FAIRFIELD - RYAN ROAD

DRAWN BY: J. Smith - Highway Technician

CHECKED BY: J. Smith - Highway Technician

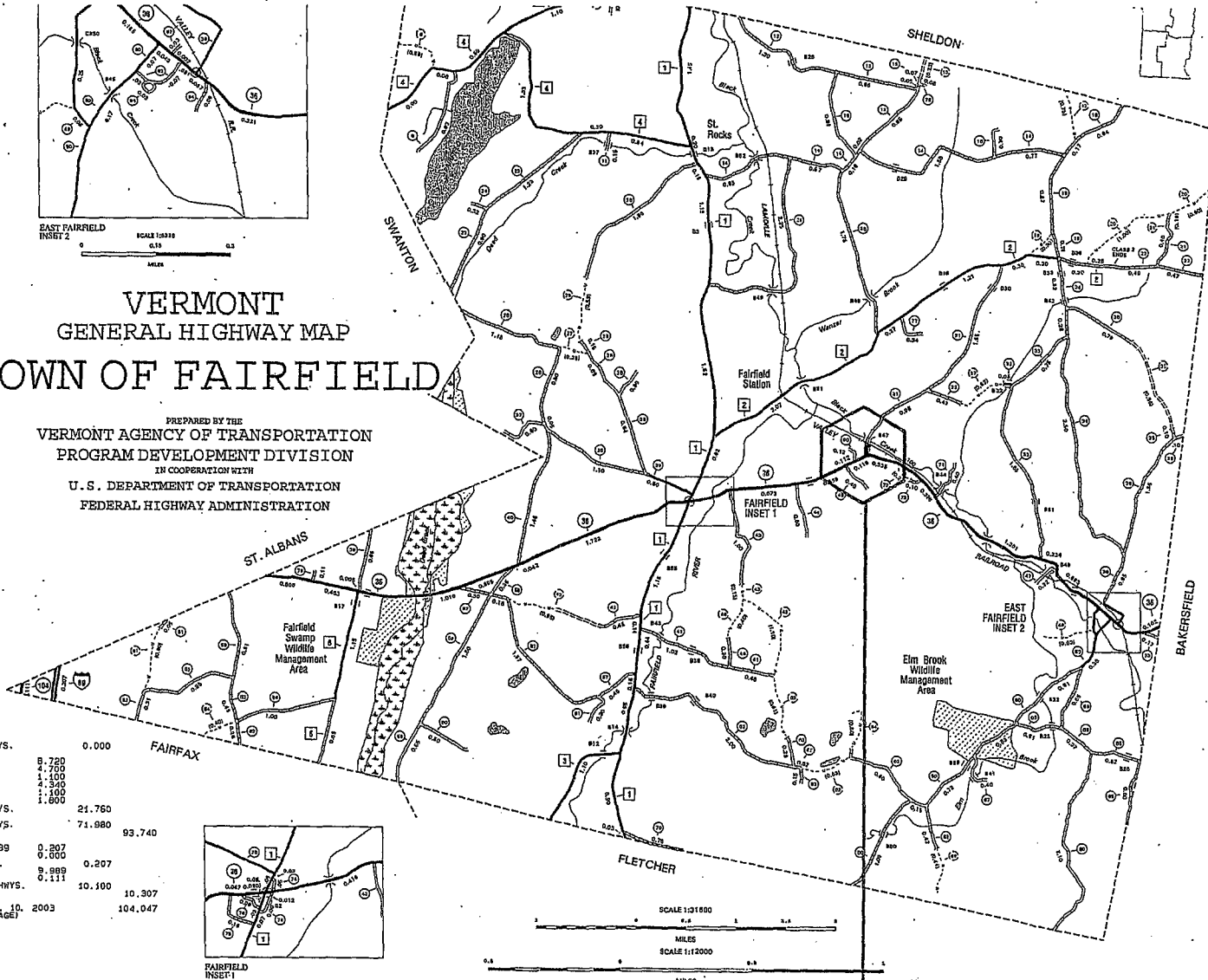
DATE: 9/15/09

SCALE: NTS

SMITH TECHNICAL SERVICES

VERMONT GENERAL HIGHWAY MAP TOWN OF FAIRFIELD

PREPARED BY THE
VERMONT AGENCY OF TRANSPORTATION
PROGRAM DEVELOPMENT DIVISION
IN COOPERATION WITH
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION



- HIGHWAYS**
- INTERSTATE
 - STATE HIGHWAY SYSTEM
 - TOWN HIGHWAY SYSTEM
 - UNPAVED OR UNTRAVELLED
 - DISCONTINUED
 - LOCAL TRAIL
 - FOOT TRAIL

- INTERSTATE ROUTE
- U.S. NUMBERED ROUTE
- STATE NUMBERED ROUTE
- INTERCHANGE NUMBER
- CLASS 1 TOWN HIGHWAY
- CLASS 2 TOWN HIGHWAY
- CLASS 3 TOWN HIGHWAY
- CLASS 4 TOWN HIGHWAY
- NFR NATIONAL FOREST ROAD
- SPH STATE FOREST HIGHWAY

- BRIDGE OR CULVERT < 6'
- BRIDGE OR CULVERT 6' - 30'
- BRIDGE OR CULVERT OVER 30'
- COVERED BRIDGE

- NATURAL FEATURES**
- SINGLE LINE STREAM
 - OPEN WATER
 - SWAMP

- OTHER TRANSPORTATION**
- RAILROAD
 - AIRPORT TERMINAL

- ROAD SURFACE TYPES**
- STATE PAVED
 - OTHER PAVED
 - STATE GRAVEL
 - OTHER GRAVEL
 - DIRT AND DIRT/GRASS
 - UNPAVED/PRAIRIE

- POLITICAL SUBDIVISIONS**
- STATE BOUNDARY
 - COUNTY BOUNDARY
 - TOWN BOUNDARY
 - CITY BOUNDARY
 - SCHOOL BOUNDARY
 - URBAN CONTACT BOUNDARY

- MISCELLANEOUS**
- DAM

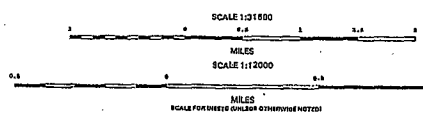
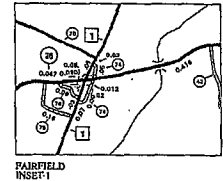
N 250 000 m
N 256 000 m
N 252 000 m
N 248 000 m
N 452 000 m
N 456 000 m
N 460 000 m
N 464 000 m

TOTAL 71.980 13.240

*A PORTION(S) OF THESE TOWN HIGHWAYS ARE CLASS 3, BUT ARE FUNCTIONALLY CLASS 1.

MILEAGE SUMMARY

CLASS 1 TOWN HIGHWAYS:	0.000
TOTAL CLASS 1 TOWN HWYS.	0.000
CLASS 2 TOWN HIGHWAYS:	
NO.	8,720
MI.	4,750
NO.	1,500
MI.	4,340
NO.	1,100
MI.	1,800
TOTAL CLASS 2 TOWN HWYS.	21,760
CLASS 3 TOWN HIGHWAYS:	
NO.	71,980
MI.	93,740
TOTAL TOWN HWYS.	71,980
STATE HIGHWAYS:	
INTERSTATE HWY. NO. 89	0.207
INTERSTATE RAMP	0.000
TOTAL INTERSTATE HWYS.	0.207
STATE HWY. 35	9.989
STATE HWY. 10	0.111
TOTAL NON-INTERSTATE HWYS.	10.100
TOTAL STATE HWYS.	10,307
TOTAL TRAVELLED HWYS. FEB. 10, 2003 (EXCLUDES CLASS 4 MILEAGE)	104,047

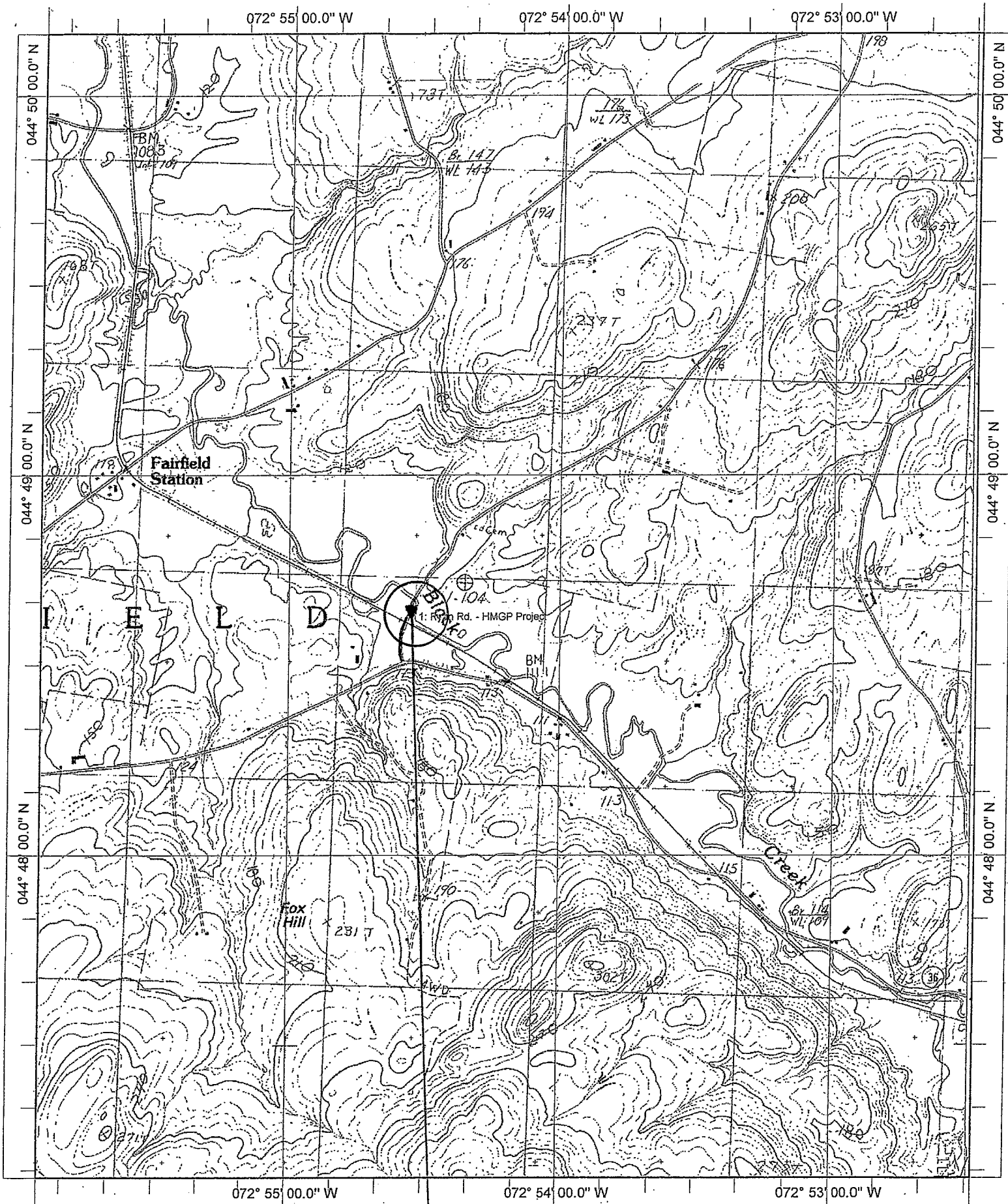


DISCLAIMER:
Highway and bridge data by Vermont Agency of Transportation, Division of Technical Services. All other data from Vermont Center for Geographic Information.

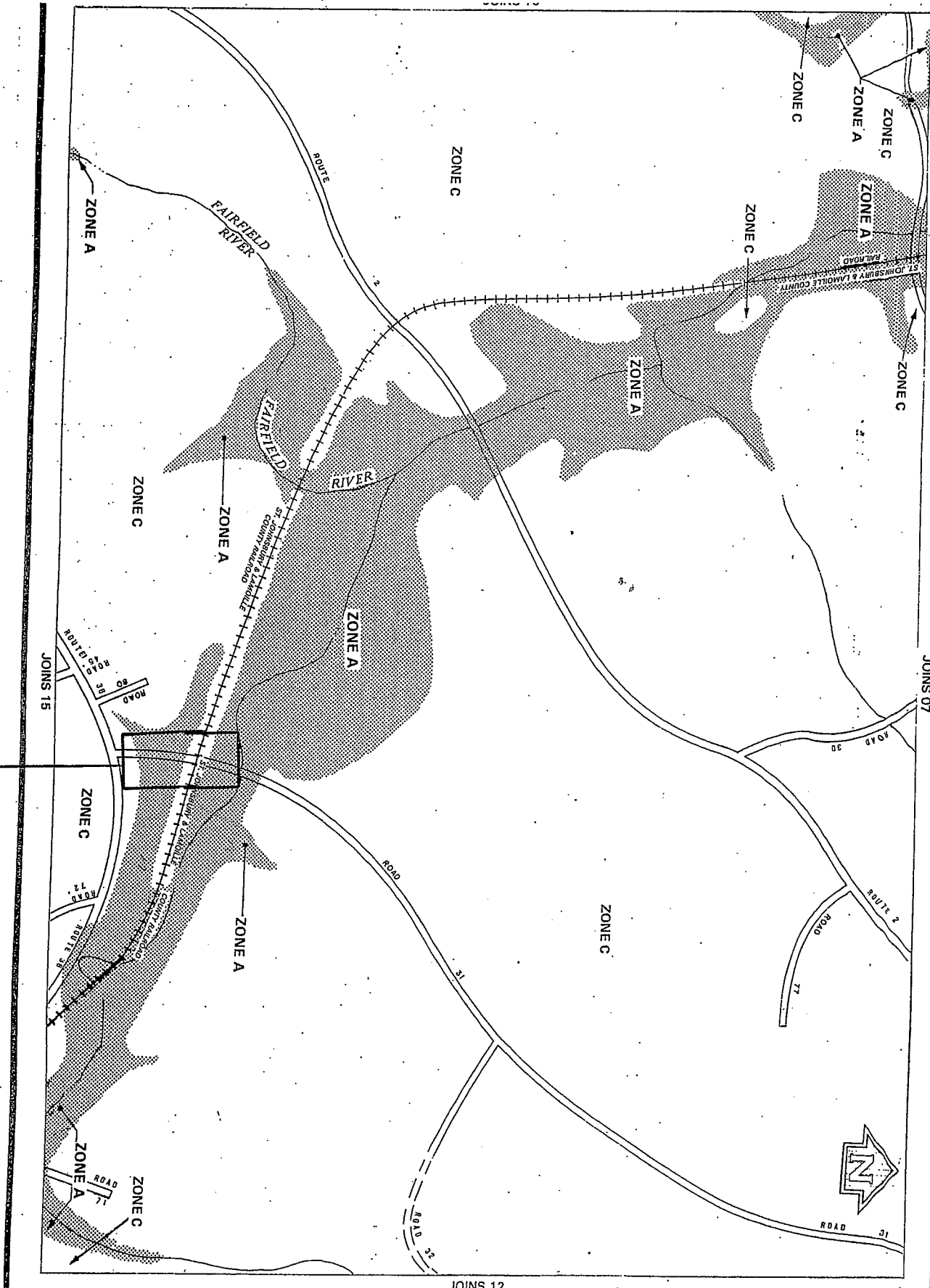
TRANSPORTATION DISTRICT NO. 8

FRANKLIN COUNTY

Ryan Rd - Proposed Project



<Default> - 1 Markers, Length = 0 feet		Ryan Rd. - HMGP Project - 044° 48' 38.6\" N,	
Name: FAIRFIELD		Location: 044° 48' 39.4\" N 072° 54' 12.0\" W	
Date: 6/19/109		Caption: Proposed Hazard Mitigation Project.	
Scale: 1 inch equals 1995 feet			



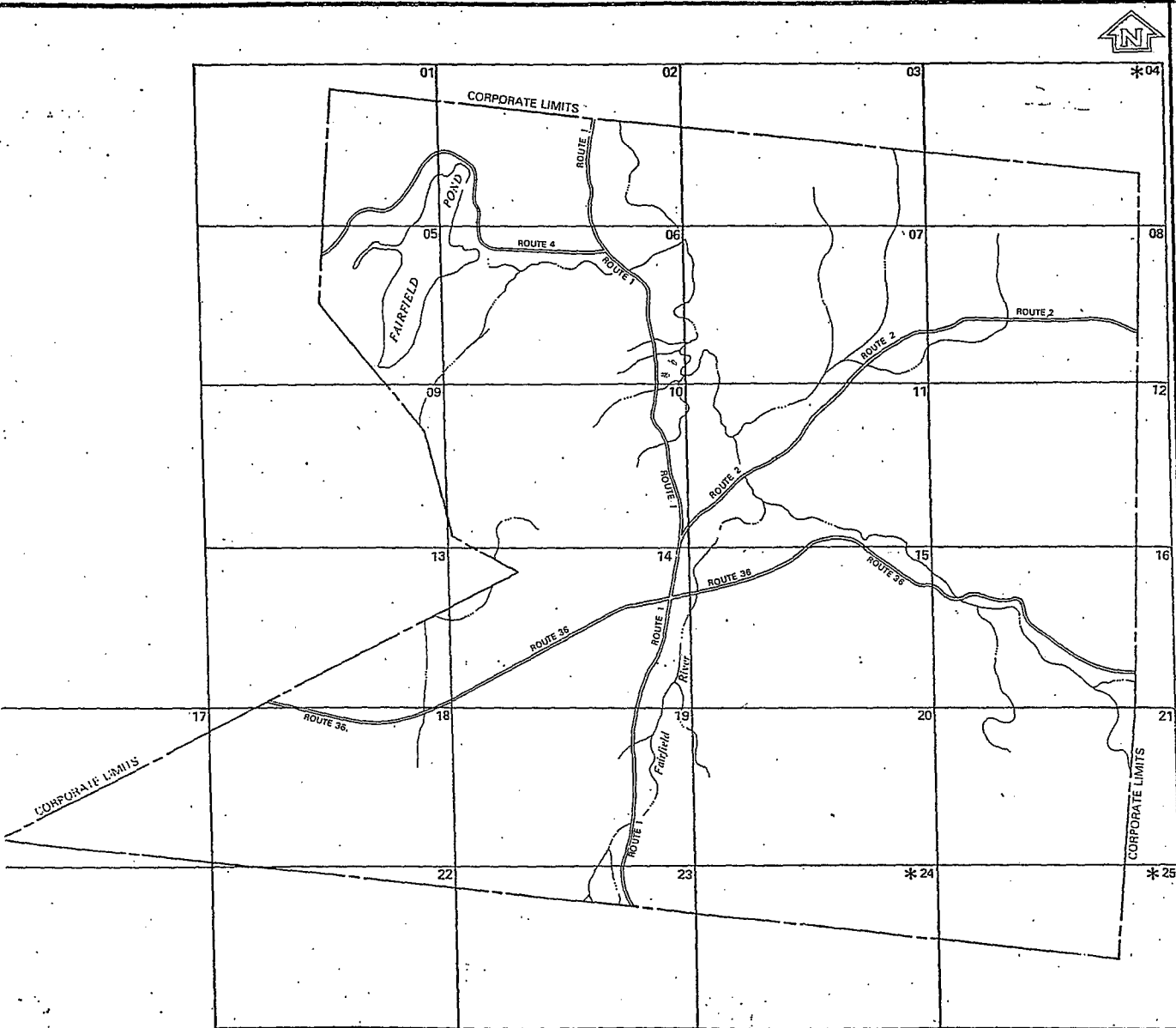
Proposed AMG P Project

federal emergency management agency
TOWN OF FAIRFIELD, VT
 FRANKLIN COUNTY

APPROXIMATE SCALE
 1000 0 1000 2000 3000 FEET
FLOOD INSURANCE RATE MAP
 COMMUNITY NUMBER 500053

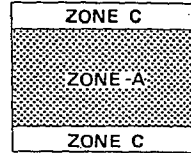
EFFECTIVE DATE
 SEPTEMBER 27, 1985

11



*PAGE NOT PRINTED - AREA IN ZONE C

KEY TO SYMBOLS



ZONE DESIGNATIONS*

- Base Flood Elevation Line with elevation in feet — 513 —
- Base Flood Elevation where uniform within zone (EL 987)
- Elevation Reference Mark RM7x
- River Mile * M1.5

*EXPLANATION OF ZONE DESIGNATIONS

A flood insurance map displays the zone designations for a community according to areas of designated flood hazards. The zone designations used by FEMA are:

Zone	Explanation
A	Areas of 100-year flood; base flood elevations and flood hazard factors not determined.
A0	Areas of 100-year shallow flooding; flood depth 1 to 3 feet; product of flood depth (feet) and velocity (feet per second) less than 15
AH	Areas of 100-year shallow flooding where depths are between one (1) and three (3) feet; base flood elevations are shown, but no flood hazard factors are determined.
A1-A30	Areas of 100-year flood; base flood elevations and flood hazard factors determined.
A99	Areas of 100-year flood to be protected by a flood protection system under construction; base flood elevations and flood hazard factors not determined.
B	Area between limits of 100-year flood and 500-year flood, areas of 100-year shallow flooding where depths less than 1 foot.
C	Areas outside 500-year flood.
D	Areas of undetermined, but possible, flood hazards.
V	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factors not determined.
V1-V30	Areas of 100-year coastal flood with velocity (wave action); base flood elevations and flood hazard factor determined.

NOTES TO USER

Certain areas not in the special flood hazard areas (zones A and V) may be protected by flood control structures.
 This map is for flood insurance purposes only; it does not necessarily show all areas subject to flooding in the community or all planimetric features outside special flood hazard areas.
 Refer to the FLOOD INSURANCE RATE MAP EFFECTIVE date shown on this map to determine when actuarial rates apply to structures in the zones where elevations or depths have been established.
 To determine if flood insurance is available in this community, contact your insurance agent, or call the National Flood Insurance Program, at (800) 638-6620.
 INITIAL IDENTIFICATION JANUARY 10, 1975
 FLOOD HAZARD BOUNDARY MAP REVISIONS: OCTOBER 1, 1975
 FLOOD INSURANCE RATE MAP EFFECTIVE: SEPTEMBER 27, 1985
 FLOOD INSURANCE RATE MAP REVISIONS:

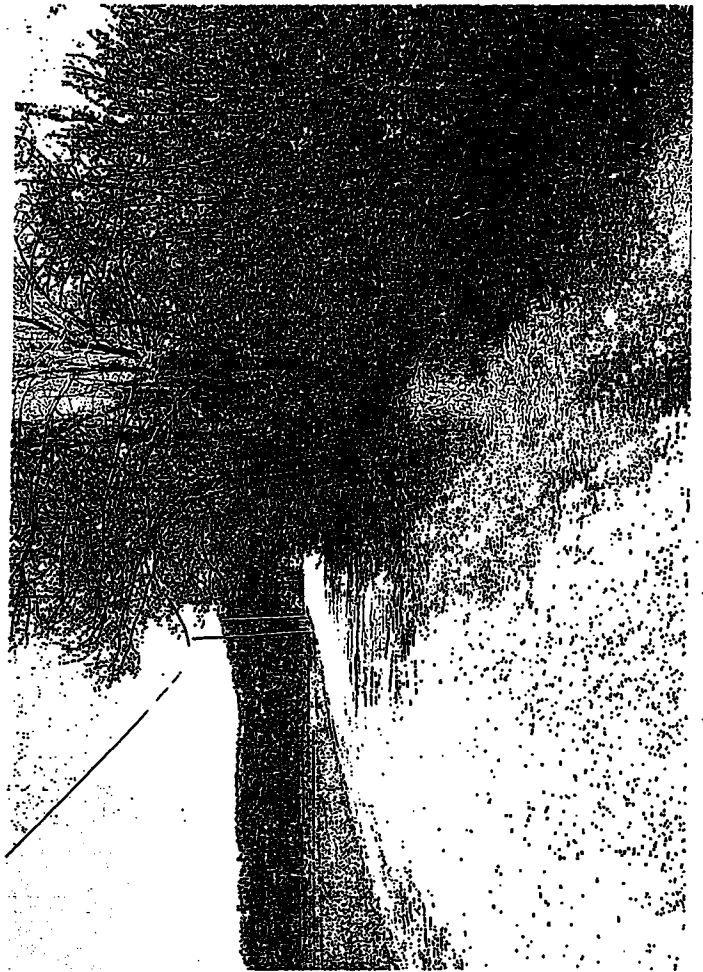


federal emergency management agency

FIRM
FLOOD INSURANCE RATE MAP 01-25
MAP INDEX

TOWN OF FAIRFIELD, VT
FRANKLIN COUNTY

COMMUNITY NUMBER 500053B



LIMITED DATA MODULE Benefit-Cost Analysis of Flood Mitigation Projects

PROJECT INFORMATION

Disaster Number	DR1816	Project	Ryan Road (TH34) Stabilization Project
DSR Number		Address	P.O. Box 5
DSR Category		City, State, Zip	Fairfield, VT 05455
DSR Subject		County	Franklin
Inspection Date		Applicant	Town of Fairfield
Application Date	October 30, 2009	Contact Person	Amanda Forbes
Analysis Date	October 29, 2009	Scenario Run ID	
Analyst	R. Doherty/S. Coleman	File Save As Name	BCA-Fairfield-HMGP-DR-1816

PROJECT DATA

Project Description: Stabilize roadbed including: regrading/reshaping road; constructing Stone/Fill Geotextile wrapped road shoulder; apply Bituminous Concrete surface to the road and erect delineators on road edges for safety of first response vehicles.

Project Useful Life (Years)	50
Base Year of Costs	2009
Historic Preservation Issues (Yes or No)?	No
Environmental Issues (Yes or No)?	Yes

Economic Factors:	Discount Rate (%)	7.00	Present Value Coefficient	13.80
-------------------	-------------------	------	---------------------------	-------

Net Mitigation Project Cost: \$67,485
Notes: Project Estimate included in grant packet. Based on current costs.

Additional Annual Maintenance Cost (\$/year) for Mitigation Project	\$1,000
Present Value of Additional Annual Maintenance Cost (\$)	\$13,801
TOTAL MITIGATION PROJECT COST	\$81,286

TYPE OF FACILITY
(for Loss of Function)

FACILITY DESCRIPTION: Approximately 1,000 ft. of Class 3 Town Highway (unpaved)

Loss of Function for Roads/Bridges	
Estimated Number of One-Way Traffic Trips Per Day	112
Estimated Delay (Detour) Time Per One Way Trip (hours)	0.25
Total Economic Loss Per Hour of Delay: Ordinary, commercial, and emergency traffic	\$32.23

Economic Loss Per Day of Loss of Function of Bridge or Road: \$902

FLOOD HISTORY

Estimated Frequency of Declared Flood Event (Years)

1

Data Sources and Documentation

Town of Fairfield Highway Foreman reported that Ryan Road flooding has occurred at least once annually for approximately 30 years. The Town has records for damage repairs to the road for the past 3 years (see grant application). In 2009, Ryan Road was closed due to flood damages three times (2x in May). Agency of Natural Resources has documentation on file regarding flooding in this area. VEM documentation as well.

DAMAGES BEFORE MITIGATION

Flood Frequency Events (Years)	Scenario Flood Damages			Loss of Function Time and Dollars		TOTAL Damages and Losses
	road repair	home	business	Days	Losses	
1	\$8,198			4:00	\$3,612	\$11,810
2					\$0	\$11,810
3					\$0	\$11,810
4					\$0	\$11,810
5					\$0	\$11,810
6					\$0	\$11,810
8					\$0	\$11,810
250					\$0	\$11,810
500					\$0	\$11,810
Total Annualized Damages						\$11,810

Data Sources and Documentation

Town of Fairfield records
 State of VT: Vermont Emergency Management, Agency of Natural Resources files
 Note: Damage and losses are based on existing town records.

DAMAGES AFTER MITIGATION

Flood Frequency Events (Years)	Scenario Flood Damages			Loss of Function Time and Dollars		TOTAL Damages and Losses
	road repair	home	business	Days	Losses	
1	\$1,000			1:00	\$902	\$1,902
2					\$0	\$1,902
3					\$0	\$1,902
4					\$0	\$1,902
5					\$0	\$1,902
6					\$0	\$1,902
8					\$0	\$1,902
250					\$0	\$1,902
500					\$0	\$1,902
Total Annualized Damages						\$1,902

Data Sources and Documentation

Town of Fairfield Road Foreman estimates that annual maintenance over 50 year life expectancy of road. Paving cost estimates are difficult to predict over the next 30 to 50 years, even 3 to 5 years. Estimate repaving the section of road surface 3 to 5 times over 50 years based on road degradation to similar roads in the area at \$50,000 (over 50 year period = \$1,000/yr.)

SUMMARY OF BENEFITS AND COSTS

Expected Annual Damages Before Mitigation
 Expected Annual Damages After Mitigation
 Expected Avoided Damages After Mitigation (BENEFITS)

Expected Annual	Present Value
\$11,810	\$162,981
\$1,902	\$26,255
\$9,907	\$136,726

PROJECT COSTS
 PROJECT BENEFITS
 BENEFITS MINUS COSTS
 BENEFIT-COST RATIO

\$81,286
\$136,726
\$55,440
1.68

Data Sources and Documentation

See grant application for breakdown of cost damages and cost repair from June 1, 2007 to July 30, 2009.

FEMA Disclaimer: The results produced by this analysis are neither conclusive evidence that a proposed project is cost-effective, nor a guarantee that a project is eligible for any government grant for whatever purpose.

BEFORE MITIGATION

Flood Frequency Events (Years)	TOTAL Damages and Losses	Flood Frequency Range	Annualized Damages And Losses	Slopes (m)	y intercept
1	11810	1 - 2	5904.78	0.00	11809.5649
2	11810	2 - 3	1968.26	0.00	11809.5649
3	11810	3 - 4	984.13	0.00	11809.5649
4	11810	4 - 5	590.48	0.00	11809.5649
5	11810	5 - 6	393.65	0.00	11809.5649
6	11810	6 - 8	492.07	0.00	11809.5649
8	11810	8 - 250	1428.96	0.00	11809.5649
250	11810	250 - 500	23.62	0.00	11809.5649
500	11810	>500	23.62	0.00	11809.5649
9999999	11810 total		11809.56		

1/

16.11809555

AFTER MITIGATION

Flood Frequency Events (Years)	TOTAL Damages and Losses	Flood Frequency Range	Annualized Damages And Losses	Slopes (m)	y intercept
1	1902	1 - 2	951.22	0.00	1902.4400
2	1902	2 - 3	317.07	0.00	1902.4400
3	1902	3 - 4	158.54	0.00	1902.4400
4	1902	4 - 5	95.12	0.00	1902.4400
5	1902	5 - 6	63.41	0.00	1902.4400
6	1902	6 - 8	79.27	0.00	1902.4400
8	1902	8 - 250	230.20	0.00	1902.4400
250	1902	250 - 500	3.80	0.00	1902.4400
500	1902	>500	3.80	0.00	1902.4400
9999999	1902 total		1902.44		

BEFORE MITIGATION

Flood Frequency Events (Years)	Scenario Flood Damages			Loss of Function Time and Dollars		TOTAL Damages and Losses
	road repair	home	business	Days	Losses	
1	\$8,198	\$0	\$0	4.00	\$3,612	\$11,810
2	\$8,198	\$0	\$0	4.00	\$3,612	\$11,810
3	\$8,198	\$0	\$0	4.00	\$3,612	\$11,810
4	\$8,198	\$0	\$0	4.00	\$3,612	\$11,810
5	\$8,198	\$0	\$0	4.00	\$3,612	\$11,810
6	\$8,198	\$0	\$0	4.00	\$3,612	\$11,810
8	\$8,198	\$0	\$0	4.00	\$3,612	\$11,810
250	\$8,198	\$0	\$0	4.00	\$3,612	\$11,810
500	\$8,198	\$0	\$0	4.00	\$3,612	\$11,810

AFTER MITIGATION

Flood Frequency Events (Years)	Scenario Flood Damages			Loss of Function Time and Dollars		TOTAL Damages and Losses
	road repair	home	business	Days	Losses	
1	\$1,000	\$0	\$0	1.00	\$902	\$1,902
2	\$1,000	\$0	\$0	1.00	\$902	\$1,902
3	\$1,000	\$0	\$0	1.00	\$902	\$1,902
4	\$1,000	\$0	\$0	1.00	\$902	\$1,902
5	\$1,000	\$0	\$0	1.00	\$902	\$1,902
6	\$1,000	\$0	\$0	1.00	\$902	\$1,902
8	\$1,000	\$0	\$0	1.00	\$902	\$1,902
250	\$1,000	\$0	\$0	1.00	\$902	\$1,902
500	\$1,000	\$0	\$0	1.00	\$902	\$1,902

HAZARD MITIGATION GRANT PROGRAM

Allocation Request

Disaster Number : 1816

Allocation Number : 5

IFMIS Status : Accept

IFMIS Date :09/15/2010

FEMA Project Number	Proj Amend Number	State Appl ID	FY	Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Allocation	Proj Total Fed Share	Proj Fed Share Prev Alloc	Max Avail for Curr Alloc
5 -F	0	6	2010	\$4,688	\$0	\$0	\$4,688	\$4,688	\$4,688	\$0
TOTALS				\$4,688	\$	\$0	\$4,688			

Comments

Date: 09 / 15 / 2010 User Id: RNADEAU1

Comment: HMO approves allocation of \$4,688

Date: 09 / 14 / 2010 User Id: JMALONE2

Comment: allocation \$4,688 approved

Authorization

Preparer Name : JUDITH MALONEY

Preparation Date : 09/14/2010

HMO Authorization Name : ROBERT NADEAU

HMO Authorization Date : 09/15/2010

Allocation Request with Signature

Disaster Number : 1816 Allocation Number : 5 IFMIS Status : Accept IFMIS Date : 09/15/2010

FEMA Project Number	Proj Amend Number	State Appl ID	FY	Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Allocation	Proj Total Fed Share	Proj Fed Share Prev Alloc	Max Avail for Curr Alloc
5-F	0	6	2010	\$4,688	\$0	\$0	\$4,688	\$4,688	\$4,688	\$0
TOTALS				\$4,688	\$	\$0	\$4,688			

Comments

Date: 09 / 15 / 2010 User Id: RNADEAU1

Comment: HMO approves allocation of \$4,688

Date: 09 / 14 / 2010 User Id: JMALONE2

Comment: allocation \$4,688 approved

Authorization

Preparer Name : JUDITH MALONEY

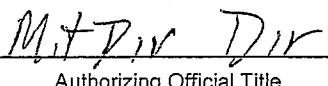
Preparation Date : 09/14/2010

HMO Authorization Name : ROBERT NADEAU

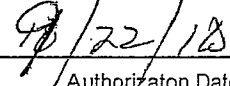
HMO Authorization Date : 09/15/2010



Authorizing Official Signature



Authorizing Official Title



Authorization Date

Authorizing Official Signature

Authorizing Official Title

Authorization Date

HAZARD MITIGATION GRANT PROGRAM

Obligation

Disaster No	FEMA Project No	Amendment No	State Application ID	Action No	Supplemental No	State	Grantee
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1816	5-F	0	6	1	5	VT	Statewide
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Subgrantee: Statewide

Project Title : VT EMA So Windsor RPC Outreach

Subgrantee FIPS Code: 000-00000

Total Amount Previously Allocated	Total Amount Previously Obligated	Total Amount Pending Obligation	Total Amount Available for New Obligation
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\$4,688	\$4,688	\$0	\$0
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Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Obligation	IFMIS Date	IFMIS Status	FY
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\$4,688	\$0	\$0	\$4,688	09/16/2010	Accept	2010
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Comments

Date: 09/16/2010 User Id: SBELL7

Comment: HMO approves obligation of \$4,688.

Date: 09/16/2010 User Id: JMALONE2

Comment: obligation of \$4,688 approved

Authorization

Preparer Name: JUDITH MALONEY

Preparation Date: 09/16/2010

HMO Authorization Name: SAMUEL BELL

HMO Authorization Date: 09/16/2010

Obligation Report w/ Signatures

Disaster No	FEMA Project No	Amendment No	State Application ID	Action No	Supplemental No	State	Grantee
1816	5-F	0	6	1	5	VT	Statewide

Subgrantee: Statewide

Project Title : VT EMA So Windsor RPC Outreach

Subgrantee FIPS Code: 000-00000

Total Amount Previously Allocated	Total Amount Previously Obligated	Total Amount Pending Obligation	Total Amount Available for New Obligation	Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Obligation	IFMIS Date	IFMIS Status	FY
\$4,688	\$4,688	\$0	\$0	\$4,688	\$0	\$0	\$4,688	09/16/2010	Accept	2010

Comments

Date: 09/16/2010 User Id: SBELL7

Comment: HMO approves obligation of \$4,688.

Date: 09/16/2010 User Id: JMALONE2

Comment: obligation of \$4,688 approved

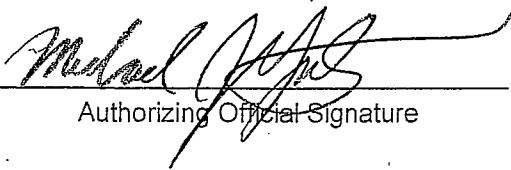
Authorization

Preparer Name: JUDITH MALONEY

Preparation Date: 09/16/2010

HMO Authorization Name: SAMUEL BELL

HMO Authorization Date: 09/16/2010



Authorizing Official Signature

Authorizing Official Title

9/24/10
 Authorization Date

Authorizing Official Signature

Authorizing Official Title

Authorization Date

HAZARD MITIGATION GRANT PROGRAM

Funding Estimate Financial Activity Report

Disaster Number: 1816 State: VT Region: 1 Declaration Date: 01/14/2009 Grantee : Statewide

	Projected A	Total Allocated in NEMIS B	Available C (A - B)	Total Obligated in NEMIS D	Available E (A - D)
HMGP Project Funds	\$211,628	\$93,948	\$117,680	\$93,948	\$117,680
Regular Projects	\$186,233	\$75,285	\$110,948	\$75,285	\$110,948
Initiative Projects	\$10,581	\$4,688	\$5,893	\$4,688	\$5,893
Planning Projects	\$14,814	\$13,975	\$839	\$13,975	\$839
Subtotal	\$211,628	\$93,948	\$117,680	\$93,948	\$117,680
State Management Cost	\$10,349	\$0	\$10,349	\$0	\$10,349
TOTALS	\$221,977	\$93,948	\$128,029	\$93,948	\$128,029

For disasters declared on or after 11/13/2007:

HMGP Project funds = Regular Projects + Initiative Projects + Planning Projects.

State Management Cost is separate from the HMGP Project Funds.

Project Management Report

Disaster Number	FEMA Project Number	Amendment Number	App ID	State	Grantee
1816	5-F	0	6	VT	Statewide

Subgrantee: Statewide

FIPS Code: 000-00000

Project Title : VT EMA So Windsor RPC Outreach

Mitigation Project Description

Amendment Status : Approved

Approval Status: Approved

Project Title : VT EMA So Windsor RPC Outreach

Grantee : Statewide

Subgrantee : Statewide

Grantee County Name : Statewide

Subgrantee County Name : Statewide

Grantee County Code : 0

Subgrantee County Code : 0

Grantee Place Name : Statewide

Subgrantee Place Name : Statewide

Grantee Place Code : 0

Subgrantee Place Code : 0

Project Closeout Date : 00/00/0000

Work Schedule Status

Amend #	Description	Time Frame	Due Date	Revised Date	Completion Date
0	Complete outreach	1 mo.	00/00/0000	00/00/0000	00/00/0000

Approved Amounts

Total Approved Net Eligible	Federal Share Percent	Total Approved Federal Share Amount	Non-Federal Share Percent	Total Approved Non-Fed Share Amount
\$6,250	75.00000000	\$4,688	25.00000000	\$1,562

Allocations

Allocation Number	IFMIS Status	IFMIS Date	Submission Date	FY	ES Support Req ID	ES Amend Number	Proj Alloc Amount Fed Share	Grantee Admin Amount	Subgrantee Admin Amount	Total Alloc Amount
5	A	09/15/2010	09/15/2010	2010	1900436	5	\$4,688	\$0	\$0	\$4,688
Total							\$4,688	\$0	\$0	\$4,688

Obligations

Action Nr	IFMIS Status	IFMIS Date	Submission Date	FY	ES Support Req ID	ES Amend Number	Suppl Nr	Project Obligated Amt - Fed Share	Grantee Admin Amount	Subgrantee Admin Amount	Total Obligated Amount
1	A	09/16/2010	09/16/2010	2010	1927528	5	5	\$4,688	\$0	\$0	\$4,688
Total								\$4,688	\$0	\$0	\$4,688

State of Vermont
Hazard Mitigation Grant Program
Project Application

	FEMA- DR- 1816 VT	Date Submitted:	10.28.09
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Part 1:	Applicant Information
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Applicant Name: <small>(Eligible Applicant i.e. local government, state agency, non-profit)</small>	Southern Windsor County Regional Planning Commission
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County:	Windsor
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Name of Local Hazard Mitigation Plan: <small>(County or Town)</small>	Southern Windsor County Region All Hazards Mitigation Plan
---------------------------------------------------------------------------------	------------------------------------------------------------

Date of FEMA approval of Local Plan:	Regional Plan approved 7.28.06
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Primary Contact Information

Name:	John Broker-Campbell
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Title:	Planner
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Organization:	Southern Windsor County Regional Planning Commission
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Mailing Address:	P.O. Box 320, Ascutney, VT 05030
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Work Phone Number:	802-674-9201	Alternate Phone Number:	
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Fax Number:	802-674-5711	Email:	jcampbell@swcrpc.org
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Secondary Contact Information

Name:	Tom Kennedy
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Title:	Executive Director
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Organization:	Southern Windsor County Regional Planning Commission
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Mailing Address:	P.O. Box 320, Ascutney, VT 05030
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Work Phone Number:	802-674-9201	Alternate Phone Number:	
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Fax Number:	802-674-5711	Email:	tkennedy@swcrpc.org
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Part 2:	Problem Description
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Location of Project:	Latitude:	N/A	Longitude:	N/A	<small>(in decimals)</small>
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Identify adjacent roads/streets and bodies of water:	Southern Windsor County main rivers include: Black, Connecticut, Williams
------------------------------------------------------	---------------------------------------------------------------------------

Required Maps:	<input type="checkbox"/>	Local General Highway Map (attached)
	<input type="checkbox"/>	Flood Insurance Rate Map with panel number (attached)
	<input type="checkbox"/>	Topographic Map (attached)

Problem Statement: <small>(What's Happening?)</small>	All ten towns within the Southern Windsor County Region have adopted FEMA approved Pre-Disaster Mitigation Plans, these plans identify all potential threats and hazards to the region. Through coordination with local schools, SWCRPC will conduct outreach on preparedness to better inform and educate school age children about the need and importance of being prepared.
-----------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

Supporting Documentation: <small>(Attach)</small>	<input type="checkbox"/>	Photos
	<input type="checkbox"/>	Engineering Studies
	<input type="checkbox"/>	Site Diagrams

Part 2:	Problem Description <small>continued</small>
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Statement of Damages

Date	Event	Description of Direct Damages	Description of Indirect Damages	Cost of Damage
N/A				

Total Damage

Part 3:

Project Objective

Project Objective

Educate middle school age children on the importance about being prepared and conduct outreach to schools to inform both staff and children about emergency planning and preparedness.

Part 4:

Analysis of Alternative Solutions

Alternative Solutions

Alternative Solution	Brief Title	Description of Alternative
1	N/A	
2	N/A	
3	No Action	No Action

Supporting Documentation:
(Attach)

- Yes Did any of the alternatives have significant impacts or limitations?
- Yes If Yes, provide additional information concerning these impacts
Is the information attached?
- Yes Hydrology/ hydraulics reports, if applicable
- Supporting documentation for the alternatives (i.e. drawings, designs, pictures)
(Attached)

Preferred Alternative

Chosen Alternative:

N/A

Justification:

N/A



Part 5:

Project Description

Project Description

The Southern Windsor County Regional Planning Commission will coordinate with the local middle schools to develop a short program and presentation on emergency preparedness. The focus for the presentation will be on the importance of preparedness and how to best supply yourself and family in the event of an emergency. Simple take home checklists and tools will be developed to assist students with understanding and implementing the strategies developed.

Expected Life of Project

January/2010 - December 2010

Supporting Documentation:
(Attach)

Photos

Engineering Studies

Site Diagrams

Project Costs for Preferred Alternative

Item	Unit Qty.	Unit Measurement	Unit Cost	Cost Estimate
SWCRPC Staff	104	hours	55	\$5,725.00
Travel	150	miles	55	\$75.00
Meeting Expense	2	meeting	75	\$150.00
Notices	4	ad	80	\$320.00
Printing/Copying	300	pages	0.05	\$15.00
			Total Project Cost Estimate	\$5,990.00

Summary of Project Costs

A		Total Project Costs		\$6,250.00
B		FEMA Share (75% of Line A)		\$4,688.00
C		Local Share (25% of Line A) Note: The sum of lines 1-3 must equal Line C		\$1,562.00
		1. Cash		\$1,362.00
		2. In-Kind Service		\$200.00
		3. Other		\$0.00
D		Total Local Share (Equal to Line C)		\$1,562.00
E	Total Project Costs (Line B + Line D) Note: Line A and D are equal	\$6,250.00		

Identify source of local non-federal match:



Part 6:	Benefit/Cost Analysis		
Estimated Project Cost	N/A	Future Maintenance costs for life of project	N/A
Total Cost = Project Cost + Future Maintenance		Total Cost	N/A
Benefit/Cost Ratio = Anticipated Loss or Benefit /Total Cost		Benefit/Cost Ratio	N/A
Only those projects with a benefit-cost ratio of 1.0 or greater will be considered; please attach a separate benefit cost analysis (BCA). Planning applications do not require a BCA.			

Part 7:	Scope of Work	
Task Description	Days to Complete	
Develop presentations for schools	2	
Set up meeting times and locations	2	
Conduct presentation at Riverside Middle School and Weathersfield School	2	
Update SWCRPC and LEPC 3 website with information on preparedness	1	

Part 8:	Technical Confirmation	
Supporting Documentation: (Attach)	<input type="checkbox"/>	Has the hydrology/hydraulics/structural design of this project been endorsed by the local Vtrans District Engineer, ANR Stream Alteration Engineer, consulting engineer or other technical expert?
	<input type="checkbox"/>	Supporting letter(s) (attached)

Part 9:	Authorized Signature	
I certify that I am the authorized agent for the applicant and have responsibility for the development and completion of this application and all the information contained herein is true and accurate.		

Authorized Agent's Signature Date



HAZARD MITIGATION GRANT PROGRAM

Allocation Request

Disaster Number : 1816

Allocation Number : 1

IFMIS Status : Accept

IFMIS Date :08/19/2010

FEMA Project Number	Proj Amend Number	State Appl ID	FY	Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Allocation	Proj Total Fed Share	Proj Fed Share Prev Alloc	Max Avail for Curr Alloc
2 - P	0	4	2010	\$13,975	\$0	\$0	\$13,975	\$13,975	\$13,975	\$0
TOTALS				\$13,975	\$	\$0	\$13,975			

Comments

Date: 08 / 19 / 2010 User Id: JMALONE2

Comment: ALLOCATION OF \$13,975 APPROVED BY MA

Date: 08 / 19 / 2010 User Id: KHAYES3

Comment: allocation of \$13,975 approved by HMO

Authorization

Preparer Name : JUDITH MALONEY

Preparation Date : 08/19/2010

HMO Authorization Name : KAREN HAYES

HMO Authorization Date : 08/19/2010

HAZARD MITIGATION GRANTS PROGRAM

Allocation Request with Signature

Disaster Number : 1816

Allocation Number : 1

IFMIS Status : Accept

IFMIS Date : 08/19/2010

FEMA Project Number	Proj Amend Number	State Appl ID	FY	Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Allocation	Proj Total Fed Share	Proj Fed Share Prev Alloc	Max Avail for Curr Alloc
2 - P	0	4	2010	\$13,975	\$0	\$0	\$13,975	\$13,975	\$13,975	\$0
TOTALS				\$13,975	\$	\$0	\$13,975			

Comments

Date: 08 / 19 / 2010 User Id: JMALONE2

Comment: ALLOCATION OF \$13,975 APPROVED BY MA

Date: 08 / 19 / 2010 User Id: KHAYES3

Comment: allocation of \$13,975 approved by HMO

Authorization

Preparer Name : JUDITH MALONEY

Preparation Date : 08/19/2010

HMO Authorization Name : KAREN HAYES

HMO Authorization Date : 08/19/2010

K. Maloney
Authorizing Official Signature

MT Div Dir
Authorizing Official Title

8/23/10
Authorizatoin Date

Authorizing Official Signature

Authorizing Official Title

Authorization Date

HAZARD MITIGATION GRANT PROGRAM

Obligation

Disaster No	FEMA Project No	Amendment No	State Application ID	Action No	Supplemental No	State	Grantee
1816	2-P	0	4	1	1	VT	Statewide

Subgrantee: TOW-RIVERS-OTTAUQUECHEE REGIONAL COI Project Title : Risk assessment tool for PDM Planning

Subgrantee FIPS Code: 017-UJ9MS

Total Amount Previously Allocated	Total Amount Previously Obligated	Total Amount Pending Obligation	Total Amount Available for New Obligation
\$13,975	\$13,975	\$0	\$0

Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Obligation	IFMIS Date	IFMIS Status	FY
\$13,975	\$0	\$0	\$13,975	08/20/2010	Accept	2010

Comments

Date: 08/20/2010 User Id: SBELL7

Comment: HMO approves obligation of \$13,975 approved by MA

Date: 08/20/2010 User Id: JMALONE2

Comment: obligation of \$13,975 approved by MA

Authorization

Preparer Name: JUDITH MALONEY

Preparation Date: 08/20/2010

HMO Authorization Name: SAMUEL BELL

HMO Authorization Date: 08/20/2010

Obligation Report w/ Signatures

Disaster No	FEMA Project No	Amendment No	State Application ID	Action No	Supplemental No	State	Grantee
1816	2-P	0	4	1	1	VT	Statewide

Subgrantee: TOW-RIVERS-OTTAUQUECHEE REGIONAL COI Project Title : Risk assessment tool for PDM Planning

Subgrantee FIPS Code: 017-UJ9MS

Total Amount Previously Allocated	Total Amount Previously Obligated	Total Amount Pending Obligation	Total Amount Available for New Obligation	Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Obligation	IFMIS Date	IFMIS Status	FY
\$13,975	\$13,975	\$0	\$0	\$13,975	\$0	\$0	\$13,975	08/20/2010	Accept	2010

Comments

Date: 08/20/2010 User Id: SBELL7

Comment: HMO approves obligation of \$13,975 approved by MA

Date: 08/20/2010 User Id: JMALONE2

Comment: obligation of \$13,975 approved by MA

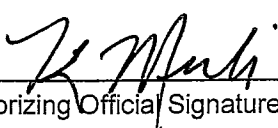

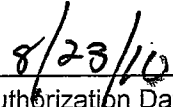
Authorization

Preparer Name: JUDITH MALONEY

Preparation Date: 08/20/2010

HMO Authorization Name: SAMUEL BELL

HMO Authorization Date: 08/20/2010

		
_____ Authorizing Official Signature	_____ Authorizing Official Title	_____ Authorization Date
_____ Authorizing Official Signature	_____ Authorizing Official Title	_____ Authorization Date

FEDERAL EMERGENCY MANAGEMENT AGENCY
HAZARD MITIGATION GRANT PROGRAM

Project Management Report

Disaster Number	FEMA Project Number	Amendment Number	App ID	State	Grantee
1816	2-P	0	4	VT	Statewide

Subgrantee: TOW-RIVERS-OTTAUQUECHEE REGIONAL

FIPS Code: 017-UJ9MS

Project Title : Risk assessment tool for PDM Planning

Mitigation Project Description

Amendment Status : Approved

Approval Status: Approved

Project Title : Risk assessment tool for PDM Planning

Grantee : Statewide

Subgrantee : TOW-RIVERS-OTTAUQUECHEE RE

Grantee County Name : Orange

Subgrantee County Name : Orange

Grantee County Code : 17

Subgrantee County Code : 17

Grantee Place Name : Orange (County)

Subgrantee Place Name : Orange (County)

Grantee Place Code : 0

Subgrantee Place Code : 99017

Project Closeout Date : 00/00/0000

Work Schedule Status

Amend #	Description	Time Frame	Due Date	Revised Date	Completion Date
0	complete project	1 month	00/00/0000	00/00/0000	00/00/0000

Approved Amounts

Total Approved Net Eligible	Federal Share Percent	Total Approved Federal Share Amount	Non-Federal Share Percent	Total Approved Non-Fed Share Amount
\$18,633	75.00000000	\$13,975	25.00000000	\$4,658

Allocations

Allocation Number	IFMIS Status	IFMIS Date	Submission Date	FY	ES Support Req ID	ES Amend Number	Proj Alloc Amount Fed Share	Grantee Admin Amount	Subgrantee Admin Amount	Total Alloc Amount
1	A	08/19/2010	08/19/2010	2010	1900436	1	\$13,975	\$0	\$0	\$13,975
Total							\$13,975	\$0	\$0	\$13,975

Obligations

Action Nr	IFMIS Status	IFMIS Date	Submission Date	FY	ES Support Req ID	ES Amend Number	Suppl Nr	Project Obligated Amt - Fed Share	Grantee Admin Amount	Subgrantee Admin Amount	Total Obligated Amount
1	A	08/20/2010	08/20/2010	2010	1904550	1	1	\$13,975	\$0	\$0	\$13,975
Total								\$13,975	\$0	\$0	\$13,975

Disaster Number: 1816 State: VT Region: 1 Declaration Date: 01/14/2009 Grantee : Statewide

	Projected A	Total Allocated in NEMIS B	Available C (A - B)	Total Obligated in NEMIS D	Available E (A - D)
HMGP Project Funds	\$211,628	\$47,500	\$164,128	\$47,500	\$164,128
Regular Projects	\$186,233	\$33,525	\$152,708	\$33,525	\$152,708
Initiative Projects	\$10,581	\$0	\$10,581	\$0	\$10,581
Planning Projects	\$14,814	\$13,975	\$839	\$13,975	\$839
Subtotal	\$211,628	\$47,500	\$164,128	\$47,500	\$164,128
State Management Cost	\$10,349	\$0	\$10,349	\$0	\$10,349
TOTALS	\$221,977	\$47,500	\$174,477	\$47,500	\$174,477

For disasters declared on or after 11/13/2007:

HMGP Project funds = Regular Projects + Initiative Projects + Planning Projects.

State Management Cost is separate from the HMGP Project Funds.

State of Vermont
Hazard Mitigation Grant Program
Project Application

FEMA Disaster Code:	FEMA- DR- 1816 VT	Date Submitted:	10/29/2009		
Part 1:	Applicant Information				
Applicant Name: <small>(Eligible Applicant i.e. local government, state agency, non-profit)</small>	Two Rivers-Ottawaquechee Regional Commission				
County:	Windsor, Rutland, Addison, Orange				
Name of Local Hazard Mitigation Plan: <small>(County or Town)</small>	TRORC Regional PDM Plan				
Date of FEMA approval of Local Plan:	9/30/2008				
Federal Tax ID Number:	30224910				
Primary Contact Information					
Name:	Pete Fellows, CFM				
Title:	GIS Manager				
Organization:	Two Rivers-Ottawaquechee Regional Commission				
Mailing Address:	3117 Rose Hill, Woodstock, VT 05091				
Work Phone Number:	802-457-3188	Alternate Phone Number:			
Fax Number	802-457-4728	Email:	pfellows@trorc.org		
Secondary Contact Information					
Name:	Ned Swanberg, CFM				
Title:	VT DEC Flood Hazard Map Modernization Program Coordinator				
Organization:	Vermont Department of Environmental Conservation				
Mailing Address:	103 South Main Street, Building 10 North, Waterbury, VT 05671-0408				
Work Phone Number:	802-241-4596	Alternate Phone Number:			
Fax Number		Email:	ned.swanberg@state.vt.us		
Part 2:	Problem Description				
Location of Project:	Latitude:	NA	Longitude:	NA	<i>(in decimals)</i>
Identify adjacent roads/streets and bodies of water:	Entire commission area: I-89 bisects region SE to NW. Main rivers include White, Connecticut, Ompompanoosuc, Waits, Wells, Tweed, and Ottawaquechee				
Required Maps:	<input type="checkbox"/>	Local General Highway Map (attached)			
	<input type="checkbox"/>	Flood Insurance Rate Map with panel number (attached)			
	<input type="checkbox"/>	Topographic Map (attached)			
Problem Statement: <small>(What's Happening?)</small>	<p>Flooding is the most frequent type of natural disaster in Vermont. It causes the highest monetary amount of property and infrastructure damage of any natural disaster type and a significant portion of this damage is to municipal infrastructure. Communities have difficulty understanding the risks to public infrastructure as well as to their citizens because of the confusing variety of flood data available. These data are in different formats and it is difficult for small communities to develop simple risk assessments of town and private properties for their planning and budgetary needs. Communities need a simple way to assess these risks and regional and state officials need tools to produce and update these risk assessments.</p>				
Supporting Documentation: <small>(Attach)</small>	<input type="checkbox"/>	Photos			
	<input type="checkbox"/>	Engineering Studies			
	<input type="checkbox"/>	Site Diagrams			



Part 2:		Problem Description continued		
Statement of Damages				
Date	Event	Description of Direct Damages	Description of Indirect Damages	Cost of Damage
				NA
Total Damage				NA
Part 3:		Project Objective		
Project Objective		<p>TRORC and VT DEC will develop and test a GIS model to automate the production of flood risk assessment inventories and maps for community officials and other stakeholders. The GIS model will be a collection of tools that use various spatial datasets to identify sites with flood-risk. TRORC and DEC will automate the model's tools to produce new risk assessments with new updated inputs. Risk assessments will include lists of public and private addresses with flood risk, associated maps and other information. TRORC and DEC also hope to share the model and output with community officials as well as flood risk managers and other scientists in Vermont and beyond.</p>		
Part 4:		Analysis of Alternative Solutions		
Alternative Solutions				
Alternative Solution	Brief Title	Description of Alternative		
1	NA			
3	No Action	No Action		
Supporting Documentation: (Attach)	<input type="checkbox"/> Yes	Did any of the alternatives have significant impacts or limitations?		
	<input type="checkbox"/> Yes	If Yes, provide additional information concerning these impacts Is the information attached?		
	<input type="checkbox"/> Yes	Hydrology/ hydraulics reports, if applicable		
	<input type="checkbox"/>	Supporting documentation for the alternatives (i.e. drawings, designs, pictures) (Attached)		
Preferred Alternative				
Chosen Alternative:				
Justification:		NA		
Part 5:		Project Description		
Project Description		<p>TRORC and VT DEC want to develop and refine a GIS model and procedure to prioritize risks to public and private investments in communities across our region. The model would use the new FEMA DFIRM flood hazard data, Vermont's fluvial erosion hazard data, culvert data from VTrans and VT ANR, and river corridor management areas to identify critical facilities and private and commercial property at risk. Public and private investments such as bridges and culverts, utilities, shelters, schools, and businesses could be assigned risk levels. Critical facilities in communities will use FEMA's 500 year flood risk recommendation. VT DEC's River Management Program has developed a preliminary model that identifies E911 addresses in the special flood hazard data that will be the basis for the initial model.</p> <p>TRORC and DEC will provide the risk assessments to these communities through mailings and existing forums such as Road Foreman meetings and Town Official roundtables. Risk levels would be outlined for the communities about specific facilities. The LEPC would be used to solicit input from its membership during model testing and output development.</p>		
Expected Life of Project		1/2010-12/2010		
Supporting Documentation: (Attach)	<input type="checkbox"/>	Photos		
	<input type="checkbox"/>	Engineering Studies		
	<input type="checkbox"/>	Site Diagrams		



Project Costs for Preferred Alternative				
Item	Unit Qty.	Unit Measurement	Unit Cost	Cost Estimate
Staffing (Model Development, Testing and Presentation)	215	hours	\$65.00	\$13,974
Travel	577	miles	\$0.55	\$317
Meeting expense	5	total meeting prep & presentation per mtg.	\$682.50	\$3,413
Large Format Printing/Copying	12	page	\$30.00	\$360
Printing/Copying	3000	page	\$0.16	\$480
Mailing	200	letter mailing	\$0.44	\$88
			Total Project Cost Estimate	\$18,632

Summary of Project Costs				
A		Total Project Costs		\$18,632
B		FEMA Share (75% of Line A)		\$13,974
C		Local Share (25% of Line A) Note: The sum of lines 1-3 must equal Line C		\$4,658
		1. Cash		\$3,730
		2. In-Kind Service		
		3. Other		\$928
D		Total Local Share (Equal to Line C)		\$4,658
E		Total Project Costs (Line B + Line D) Note: Line A and D are equal		\$18,632
Identify source of local non-federal match:				

Part 6:		Benefit/Cost Analysis	
Estimated Project Cost		Future Maintenance costs for life of project	NA
Total Cost = Project Cost + Future Maintenance		Total Cost	
Benefit/Cost Ratio = Anticipated Loss or Benefit / Total Cost		Benefit/Cost Ratio	NA

Only those projects with a benefit-cost ratio of 1.0 or greater will be considered; please attach a separate benefit cost analysis (BCA). Planning applications do not require a BCA.

Part 7:	Scope of Work	
Task Description	Days to Complete	
Review data & inputs	8	
Develop Model	7	
Test Model	3	
Develop Final Output	2	
Review Output with LEPC	1	
Final Presentations and Mailings	6	
Total	27	

Part 8:	Technical Confirmation	
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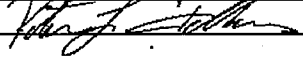
Supporting Documentation: <i>(Attach)</i>	<input type="checkbox"/>	Has the hydrology/hydraulics/structural design of this project been endorsed by the local Highway District Engineer, Local Stream Alteration Engineer, a Consulting Engineer or other Technical Experts?
	<input checked="" type="checkbox"/>	Supporting letter(s) <i>(attached)</i>

Part 9:	Authorized Signature	
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I certify that I am the authorized agent for the applicant and have responsibility for the development and completion of this application and all the information contained herein is true and accurate.

Peter L. Fellows CFM	10/29/2009
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Authorized Agent's Signature



Date 10-29-09



Woodstock, Vermont *The State Town of Windsor County*

TOWN-VILLAGE MANAGER GOVERNMENT

Town Hall • P.O. Box 488 • Woodstock, Vermont 05091 • 802/457-4456

October 28, 2009

Vermont Emergency Management
103 South Main Street
Waterbury, VT 05671

RE: TRORC HMGP Planning Funds Application DR-1816

Dear Ray,

This letter supports Two Rivers Ottawaquechee Regional Commission's application for HMGP planning funds under Disaster 1816 of 2008 to develop and test a GIS model to automate the production of flood risk assessment inventories for its communities.

Flooding is the most frequent type of natural disaster in Vermont and causes significant damage to municipal infrastructure. Communities have difficulty understanding the risks to public infrastructure as well as to their citizens because of the confusing variety of flood data available. These data are in different formats and it is impossible for small communities to develop simple risk assessments of town and private properties using these data for their planning and budgetary needs. Communities need a simple way to assess these risks and regional and state officials need tools to produce and update these risk assessments.

TRORC and VT DEC plan to develop and test a GIS model to automate the production of flood risk assessment inventories and maps for community officials and other stakeholders. Risk assessments will include lists of public and private addresses with flood risk, associated maps and other information. Risk levels would be outlined for the communities about specific facilities.

The Town of Woodstock supports this application and encourages the State to fully fund the work.

Sincerely,

Michael Brands, AICP

Town Planner / Administrative Officer





HAZARD MITIGATION GRANT PROGRAM

Allocation Request

Disaster Number : 1816

Allocation Number : 3

IFMIS Status : Accept

IFMIS Date :09/01/2010

FEMA Project Number	Proj Amend Number	State Appl ID	FY	Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Allocation	Proj Total Fed Share	Proj Fed Share Prev Alloc	Max Avail for Curr Alloc
4 -R	0	3	2010	\$41,760	\$0	\$0	\$41,760	\$41,760	\$41,760	\$0
TOTALS				\$41,760	\$	\$0	\$41,760			

Comments

Date: 08 / 31 / 2010 User Id: JMALONE2

Comment: allocation of \$41,760 approved

Date: 08 / 31 / 2010 User Id: SBELL7

Comment: HMO approves allocation of \$41,760 for Windsor, VT road erosion project.

Authorization

Preparer Name : JUDITH MALONEY

Preparation Date : 08/31/2010

HMO Authorization Name : SAMUEL BELL

HMO Authorization Date : 08/31/2010

8:16 AM

Allocation Request with Signature

Disaster Number : 1816 Allocation Number : 3 IFMIS Status : Accept IFMIS Date : 09/01/2010

FEMA Project Number	Proj Amend Number	State Appl ID	FY	Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Allocation	Proj Total Fed Share	Proj Fed Share Prev Alloc	Max Avail for Curr Alloc
4 - R	0	3	2010	\$41,760	\$0	\$0	\$41,760	\$41,760	\$41,760	\$0
TOTALS				\$41,760	\$	\$0	\$41,760			

Comments

Date: 08/31/2010 User Id: JMALONE2

Comment: allocation of \$41,760 approved

Date: 08/31/2010 User Id: SBELL7

Comment: HMO approves allocation of \$41,760 for Windsor, VT road erosion project.

Authorization

Preparer Name : JUDITH MALONEY

Preparation Date : 08/31/2010

HMO Authorization Name : SAMUEL BELL

HMO Authorization Date : 08/31/2010

Samuel Bell for K. Mori

Authorizing Official Signature

Branch Chief

Authorizing Official Title

9/9/10

Authorization Date

Authorizing Official Signature

Authorizing Official Title

Authorization Date

HAZARD MITIGATION GRANT PROGRAM

Obligation

Disaster No	FEMA Project No	Amendment No	State Application ID	Action No	Supplemental No	State	Grantee
1816	4-R	0	3	1	3	VT	Statewide

Subgrantee: Windsor (Town of)

Project Title : Brook Road Stabilization Project

Subgrantee FIPS Code: 027-84925

Total Amount Previously Allocated	Total Amount Previously Obligated	Total Amount Pending Obligation	Total Amount Available for New Obligation
\$41,760	\$41,760	\$0	\$0

Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Obligation	IFMIS Date	IFMIS Status	FY
\$41,760	\$0	\$0	\$41,760	09/03/2010	Accept	2010

Comments

Date: 09/02/2010 User Id: JMALONE2

Comment: obligation \$41,760 approved

Date: 09/03/2010 User Id: SBELL7

Comment: HMO approves obligation \$41,760 for a Windsor, VT road erosion project.

Authorization

Preparer Name: JUDITH MALONEY

Preparation Date: 09/02/2010

HMO Authorization Name: SAMUEL BELL

HMO Authorization Date: 09/03/2010

FEDERAL EMERGENCY MANAGEMENT AGENCY
HAZARD MITIGATION GRANTS PROGRAM
Obligation Report w/ Signatures

Disaster No	FEMA Project No	Amendment No	State Application ID	Action No	Supplemental No	State	Grantee
1816	4-R	0	3	1	3	VT	Statewide

Subgrantee: Windsor (Town of)

Project Title : Brook Road Stabilization Project

Subgrantee FIPS Code: 027-84925

Total Amount Previously Allocated	Total Amount Previously Obligated	Total Amount Pending Obligation	Total Amount Available for New Obligation	Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Obligation	IFMIS Date	IFMIS Status	FY
\$41,760	\$41,760	\$0	\$0	\$41,760	\$0	\$0	\$41,760	09/03/2010	Accept	2010

Comments

Date: 09/02/2010 User Id: JMALONE2

Comment: obligation \$41,760 approved

Date: 09/03/2010 User Id: SBELL7

Comment: HMO approves obligation \$41,760 for a Windsor, VT road erosion project.

Authorization

Preparer Name: JUDITH MALONEY

Preparation Date: 09/02/2010

HMO Authorization Name: SAMUEL BELL

HMO Authorization Date: 09/03/2010

 FIR K. McEl:
Authorizing Official Signature

Branch Chief
Authorizing Official Title

9/9/10
Authorization Date

Authorizing Official Signature

Authorizing Official Title

Authorization Date

HAZARD MITIGATION GRANT PROGRAM

Project Management Report

Disaster Number	FEMA Project Number	Amendment Number	App ID	State	Grantee
1816	4-R	0	3	VT	Statewide

Subgrantee: Windsor (Town of)

FIPS Code: 027-84925

Project Title : Brook Road Stabilization Project

Mitigation Project Description

Amendment Status : Approved

Approval Status: Approved

Project Title : Brook Road Stabilization Project

Grantee : Statewide

Subgrantee : Windsor (Town of)

Grantee County Name : Windsor

Subgrantee County Name : Windsor

Grantee County Code : 27

Subgrantee County Code : 27

Grantee Place Name : Windsor (Town of)

Subgrantee Place Name : Windsor (Town of)

Grantee Place Code : 0

Subgrantee Place Code : 84925

Project Closeout Date : 00/00/0000

Work Schedule Status

Amend #	Description	Time Frame	Due Date	Revised Date	Completion Date
0	rip rap	30 da.	00/00/0000	00/00/0000	00/00/0000
0	restore streambank	7 da.	00/00/0000	00/00/0000	00/00/0000
0	regrade and reshape road	7 da.	00/00/0000	00/00/0000	00/00/0000
0	Install guardrail	2 da.	00/00/0000	00/00/0000	00/00/0000

Approved Amounts

Total Approved Net Eligible	Federal Share Percent	Total Approved Federal Share Amount	Non-Federal Share Percent	Total Approved Non-Fed Share Amount
\$55,680	75.00000000	\$41,760	25.00000000	\$13,920

Allocations

Allocation Number	IFMIS Status	IFMIS Date	Submission Date	FY	ES Support Req ID	ES Amend Number	Proj Alloc Amount Fed Share	Grantee Admin Amount	Subgrantee Admin Amount	Total Alloc Amount
3	A	09/01/2010	08/31/2010	2010	1900436	3	\$41,760	\$0	\$0	\$41,760
Total							\$41,760	\$0	\$0	\$41,760

Obligations

Action Nr	IFMIS Status	IFMIS Date	Submission Date	FY	ES Support Req ID	ES Amend Number	Suppl Nr	Project Obligated Amt - Fed Share	Grantee Admin Amount	Subgrantee Admin Amount	Total Obligated Amount
1	A	09/03/2010	09/03/2010	2010	1919006	3	3	\$41,760	\$0	\$0	\$41,760
Total								\$41,760	\$0	\$0	\$41,760

FEDERAL EMERGENCY MANAGEMENT AGENCY
HAZARD MITIGATION GRANT PROGRAM
Funding Estimate Financial Activity Report

Disaster Number: 1816 State: VT Region: 1 Declaration Date: 01/14/2009 Grantee : Statewide

	Projected A	Total Allocated in NEMIS B	Available C (A - B)	Total Obligated in NEMIS D	Available E (A - D)
HMGP Project Funds	\$211,628	\$93,948	\$117,680	\$89,260	\$122,368
Regular Projects	\$186,233	\$75,285	\$110,948	\$75,285	\$110,948
Initiative Projects	\$10,581	\$4,688	\$5,893	\$0	\$10,581
Planning Projects	\$14,814	\$13,975	\$839	\$13,975	\$839
Subtotal	\$211,628	\$93,948	\$117,680	\$89,260	\$122,368
State Management Cost	\$10,349	\$0	\$10,349	\$0	\$10,349
TOTALS	\$221,977	\$93,948	\$128,029	\$89,260	\$132,717

For disasters declared on or after 11/13/2007:

HMGP Project funds = Regular Projects + Initiative Projects + Planning Projects.
State Management Cost is separate from the HMGP Project Funds.

State of Vermont
Hazard Mitigation Grant Program
Project Application

FEMA Disaster Code: FEMA- DR- 1816 VT Date Submitted: 12.22.2009

Part 1: Applicant Information

Applicant Name: (Eligible Applicant i.e. local government, state agency, non-profit) Town of Windsor

County: Windsor

Name of Local Hazard Mitigation Plan: (County or Town) Windsor All Hazards Mitigation Plan

Date of FEMA approval of Local Plan: 7.21.2006

Federal Tax ID Number:

Primary Contact Information

Name: Stephen Cottrell

Title: Town Manager

Organization: Town of Windsor

Mailing Address: P.O. Box 47 Windsor, VT 05089

Work Phone Number: 802.674.6786 **Alternate Phone Number:** 802.299.1285

Fax Number: 802.674.1017 **Email:** sjcottrell@windsor-vt.gov

Secondary Contact Information

Name: Eric Tarczewski

Title: Road Foreman

Organization: Town of Windsor

Mailing Address: P.O. Box 47 Windsor, VT 05089

Work Phone Number: 802.674.6000 **Alternate Phone Number:**

Fax Number: 802.674.1017 **Email:**

Part 2: Problem Description

Location of Project: Latitude: *N 43 DEGREES 27' 51.21"* Longitude: *W 72 DEGREES 25' 24.15"* (in decimals)

Identify adjacent roads/streets and bodies of water: Estey Lane, Brook Road, Mill Brook

Required Maps	<input checked="" type="checkbox"/>	Local General Highway Map (attached)
	<input type="checkbox"/>	Flood Insurance Rate Map with panel number (attached)
	<input checked="" type="checkbox"/>	Topographic Map (attached)

Problem Statement: (What's Happening?)

From continuing rain throughout all seasons, Brook Road and the supporting embankment is sloughing into the Mill Brook. Road closures, first response time and other problems arise as the road has become narrower over time. The road is situated near the bottom of a large embankment with Mill Brook to the north and a steep slope to the south. The slope prevents the town from moving the road away from Mill Brook and the sloughing embankment.

Supporting Documentation: (Attach)	<input type="checkbox"/>	Photos
	<input type="checkbox"/>	Engineering Studies
	<input checked="" type="checkbox"/>	Site Diagrams

Part 2:		Problem Description <small>continued</small>		
Statement of Damages				
Date	Event	Description of Direct Damages	Description of Indirect Damages	Cost of Damage
Ongoing	Rain	Rain events cause the embankment holding Brook Road away from Mill Brook to erode.	Occasional road closures, slower emergency response times given large vehicles cannot manuevere on the narrow road.	\$9000/yr
				Total Damage
Part 3:		Project Objective		
Project Objective		The project objective is to rip rap or armor the bank of Mill Brook where it has been causing erosion damage along Brook Road during rain events. The erosion problems are not related to one specific event, but a multitude of rain over many years.		
Part 4:		Analysis of Alternative Solutions		
Alternative Solutions				
Alternative Solution	Brief Title	Description of Alternative		
1	Do Nothing	If not fixed, the current situation will continue to worsen and eventually lead to the town shutting the eroding portion of the road down to traffic.		
2	Alternative erosion control	Utilizing willow planting as a means to stablize the brook from further erosion		
3	No Action	No Action		
Supporting Documentation: <i>(Attach)</i>	<input checked="" type="checkbox"/> Yes	Did any of the alternatives have significant impacts or limitations?		
	<input type="checkbox"/> Yes	If Yes, provide additional information concerning these impacts. Is the information attached?		
	<input type="checkbox"/> Yes	Hydrology/hydraulics reports, if applicable		
	<input type="checkbox"/>	Supporting documentation for the alternatives (i.e. drawings, designs, pictures) <i>(Attached)</i>		
Preferred Alternative				
Chosen Alternative:				
Justification:				

Justification:

Part 5:

Project Description

Project Description

Replace and rebuild the Mill Brook embankment along approximately 1000 linear feet of stream in order to salvage roadway and mitigate further erosion of embankment into brook. To prevent additional erosion, the town proposed to place 24" and 48" rip rap along the stream embankment along with replacing the necessary guardrail.

Expected Life of Project

Supporting Documentation:
(Attach)

<input type="checkbox"/>	Photos
<input type="checkbox"/>	Engineering Studies
<input checked="" type="checkbox"/>	Site Diagrams

Project Costs for Preferred Alternative

Item	Unit Qty.	Unit Measurement	Unit Cost	Cost Estimate
Total Project Cost Estimate				

Summary of Project Costs

A	Total Project Costs	\$52,450.00
B	FEMA Share (75% of Line A)	\$39,337.50
C	Local Share (25% of Line A) Note: The sum of lines 1-3 must equal Line C	\$13,112.50
	1. Cash	\$13,112.50
	2. In-Kind Service	\$0.00
	3. Other	\$0.00
D	Total Local Share (Equal to Line C)	\$13,112.50
E	Total Project Costs (Line B + Line D) Note: Line A and D are equal	\$52,450.00

(\$55,680)

Identify source of local non-federal match:	Windsor town funds will be used at match for this project.
---------------------------------------------	------------------------------------------------------------

Part 6:	Benefit/Cost Analysis
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Estimated Project Cost		Future Maintenance costs for life of project	
$\text{Total Cost} = \text{Project Cost} + \text{Future Maintenance}$		Total Cost	
Total Damages		Years of Damage	
$\text{Annualized Damages} = \text{Total Damages} / \text{Years of record}$		Annualized Damages	
Annualized Damages		Expected Life of Project	
$\text{Anticipated Damages without project over time} = \text{Annualized damages} \times \text{Expected life of project}$		Anticipated Damage without Project (Anticipated Loss or Benefit)	
$\text{Benefit/Cost Ratio} = \text{Anticipated Loss or Benefit} / \text{Total Cost}$		Benefit/Cost Ratio	

Only projects with a benefit/cost ratio of 1:0 or greater will be considered. If your project meets that criteria, continue through the next sections of the application.

Part 7:	Scope of Work
----------------	----------------------

Task Description	Days to Complete
Placement of 600 linear feet of 2' and 4' rip rap ranging in height from 15-20' in height.	30
Restoration of top of stream bank	7
Regrading of Brook Rd	7
Placement of 1000' of guardrail and guardrail posts	2

Part 8:	Technical Confirmation
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Supporting Documentation: <i>(Attach)</i>	<input checked="" type="checkbox"/>	Has the hydrology/hydraulics/structural design of this project been endorsed by the local Highway District Engineer, Local Stream Alteration Engineer, a Consulting Engineer or other Technical Experts?
	<input type="checkbox"/>	Supporting letter(s) (attached)

Part 9:	Authorized Signature
----------------	-----------------------------

I certify that I am the authorized agent for the applicant and have responsibility for the development and completion of this application and all the information contained herein is true and accurate.

<i>Stephen J. Littell</i> Authorized Agent's Signature	12-22-09 Date
-----------------------------------------------------------	------------------



**DANIELS
CONSTRUCTION**

PROPOSAL

SUBMITTED TO: TOWN OF WINDSOR
PO BOX 47
WINDSOR, VT. 05089

ATTENTION: STEVE COTTRELL
PHONE: 802-674-6786
FAX PHONE: 802-674-1017
JOB NAME: RIP RAP SLOPE
JOB LOCATION: BROOK ROAD

MAY 29, 2009

WE HEREBY SUBMIT SPECIFICATIONS AND ESTIMATES FOR:

INSTALL RIPRAP ON THREE SECTIONS OF ROAD PER DRAWINGS SUPPLIED BY TOWN. WE HAVE SUBSTITUTED 2" DGC FOR THE TOP TWO FEET TO FACILITATE GUARD RAIL PLACEMENT.

200 LF SECTION @ \$125 = \$25,000
193 LF SECTION @ \$75 = \$14,475
173 LF SECTION @ \$75 = \$12,975

TOTAL \$52,450

All documents including Drawings and Specifications prepared pursuant to this Proposal are instruments of service in respect of the Project and Daniels shall retain an ownership and property interest therein whether or not the Project is completed. Copies of such documents may be made and retained for information and reference in connection with the use and occupancy of the Project by OYNDW and others; however, such documents are not intended or represented to be suitable for reuse by any party on extensions of the Project or on any other project. Any reuse without written verification or adaptation by Daniels for the specific purpose intended will be at that party's sole risk and without liability or legal expense to Daniels and that party shall indemnify and hold harmless Daniels from all claims, damages, losses and expenses including attorneys' fees arising out of or resulting therefrom. Any such verification or adaptation will entitle Daniels to further compensation at rates to be agreed upon by Daniels and said party.

PAYMENT to be made as follows: INVOICES BI-WEEKLY, PAYABLE WITHIN TEN DAYS, NO RETENTION.
Finance Charge of 1 1/2% per month charged to past due accounts including all collection and attorney fees.

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from the above specifications involving extra costs will be executed only upon written change orders, and will become an extra charge over and above this proposal. All agreements contingent upon strikes, accidents, or delays beyond our control. Owner to carry their own Property, Liability and Builder's Risk insurance. Daniels to carry General and Automobile Liability and Workers Compensation insurance. Market volatility may necessitate changes in this proposal.

AUTHORIZED SIGNATURE:

Barry Sleath

Barry Sleath, Project Superintendent

NOTE: This proposal may be withdrawn if not accepted within 15 days.

ACCEPTANCE OF PROPOSAL *The above prices, specifications, and conditions are satisfactory and are hereby accepted.*

SIGNATURE: _____
(Owner or Agent)

DATE OF ACCEPTANCE: _____

P.O. Box 246
4409 ROUTE 5
ASCUTNEY, VT 05080-0246

www.nailhdaniels.com



(802) 674-6323

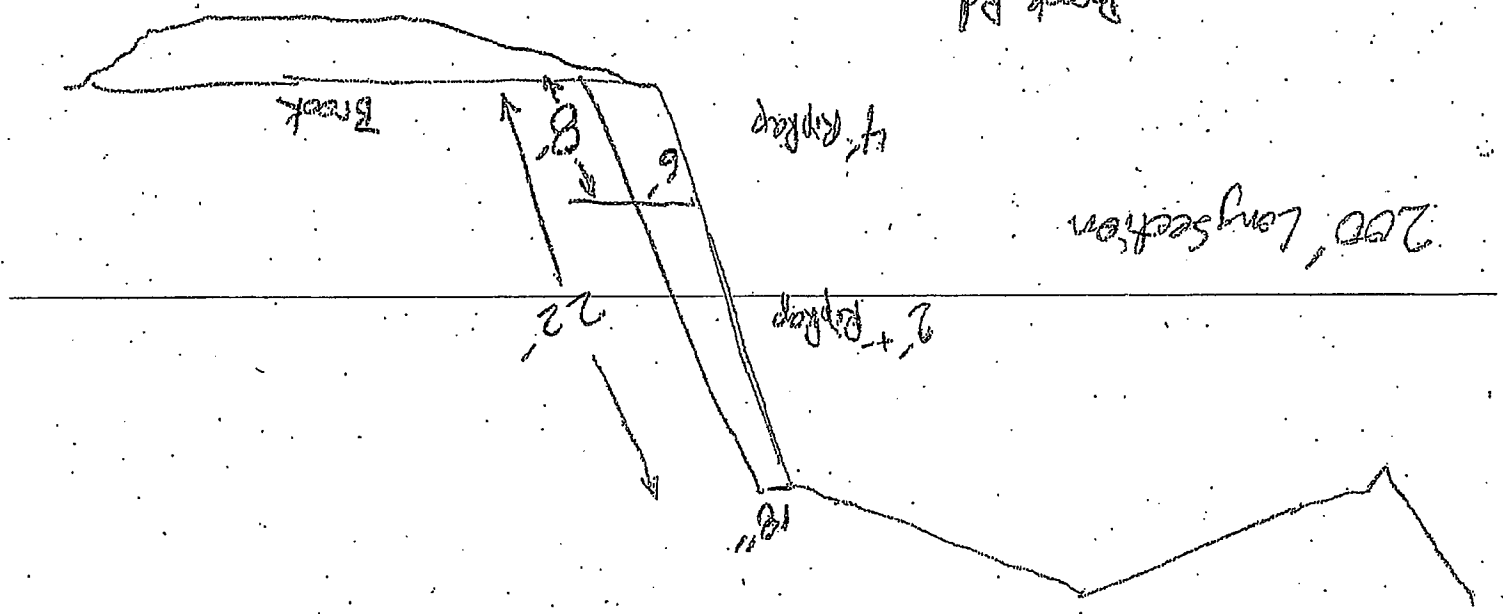
FAX: (802) 674-5346

The Associated General
Contractors of America

Book Rd. Riprap

Book Rd.

⊕



200' Long Section

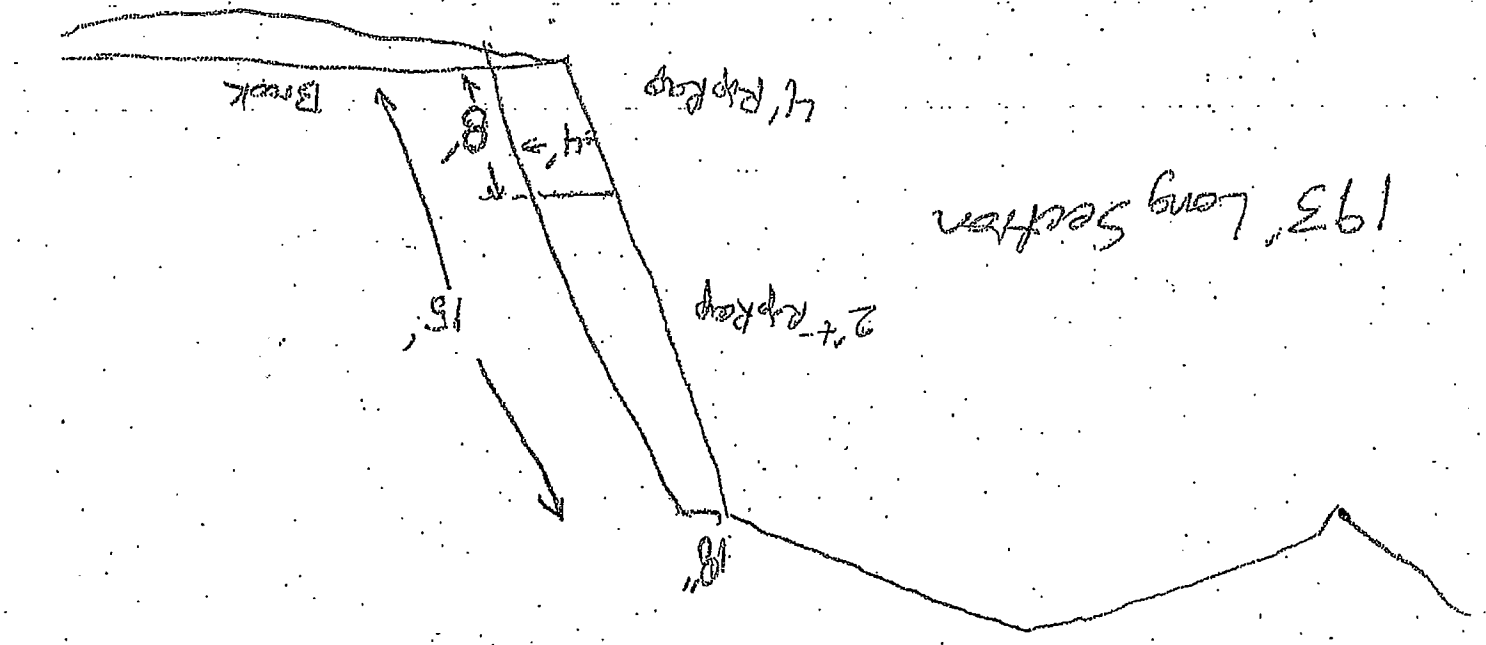
4' Riprap

2' + Riprap

Book

Book Rd.

⊕



193' Long Section

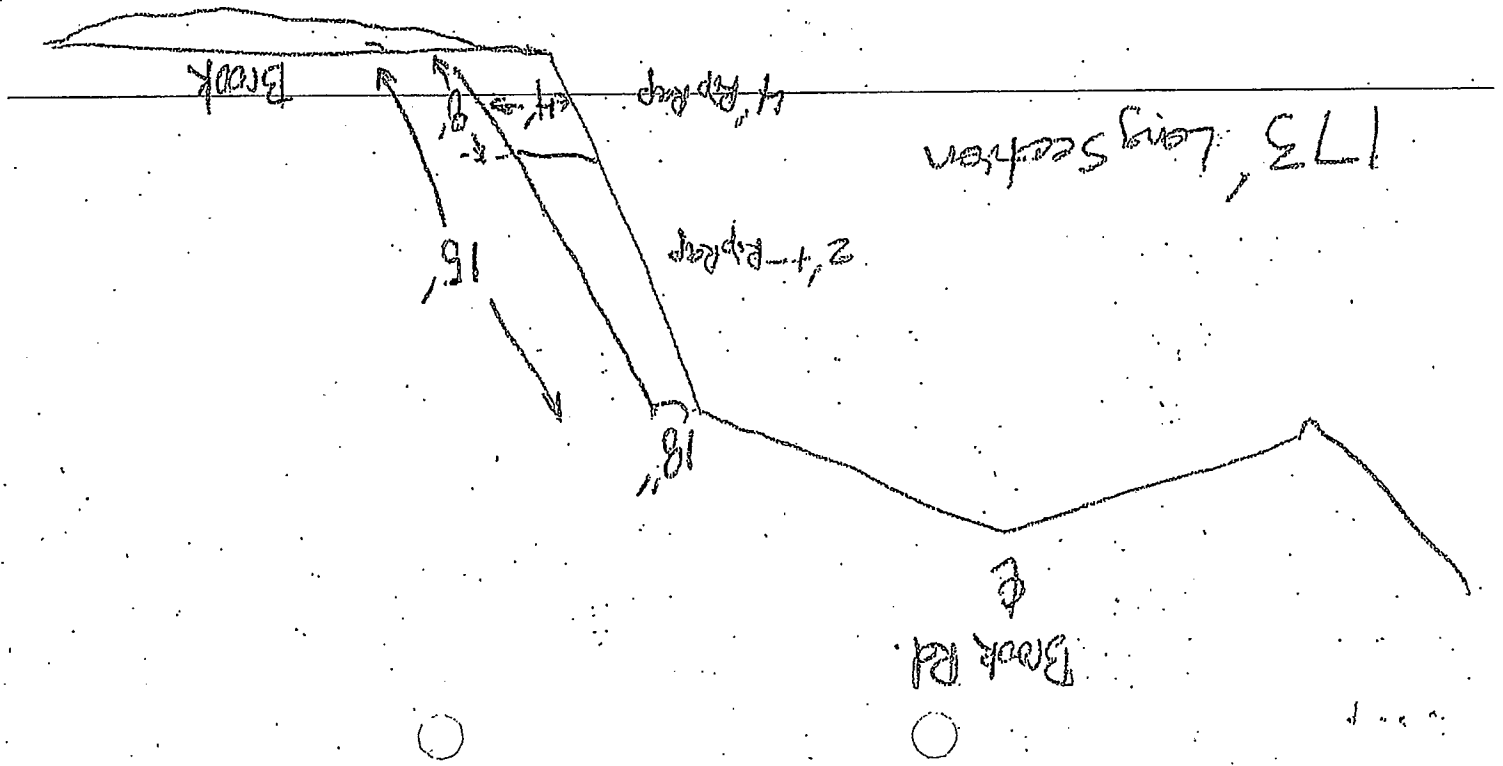
4' Riprap

2' + Riprap







Book

Book Rd.

⊕

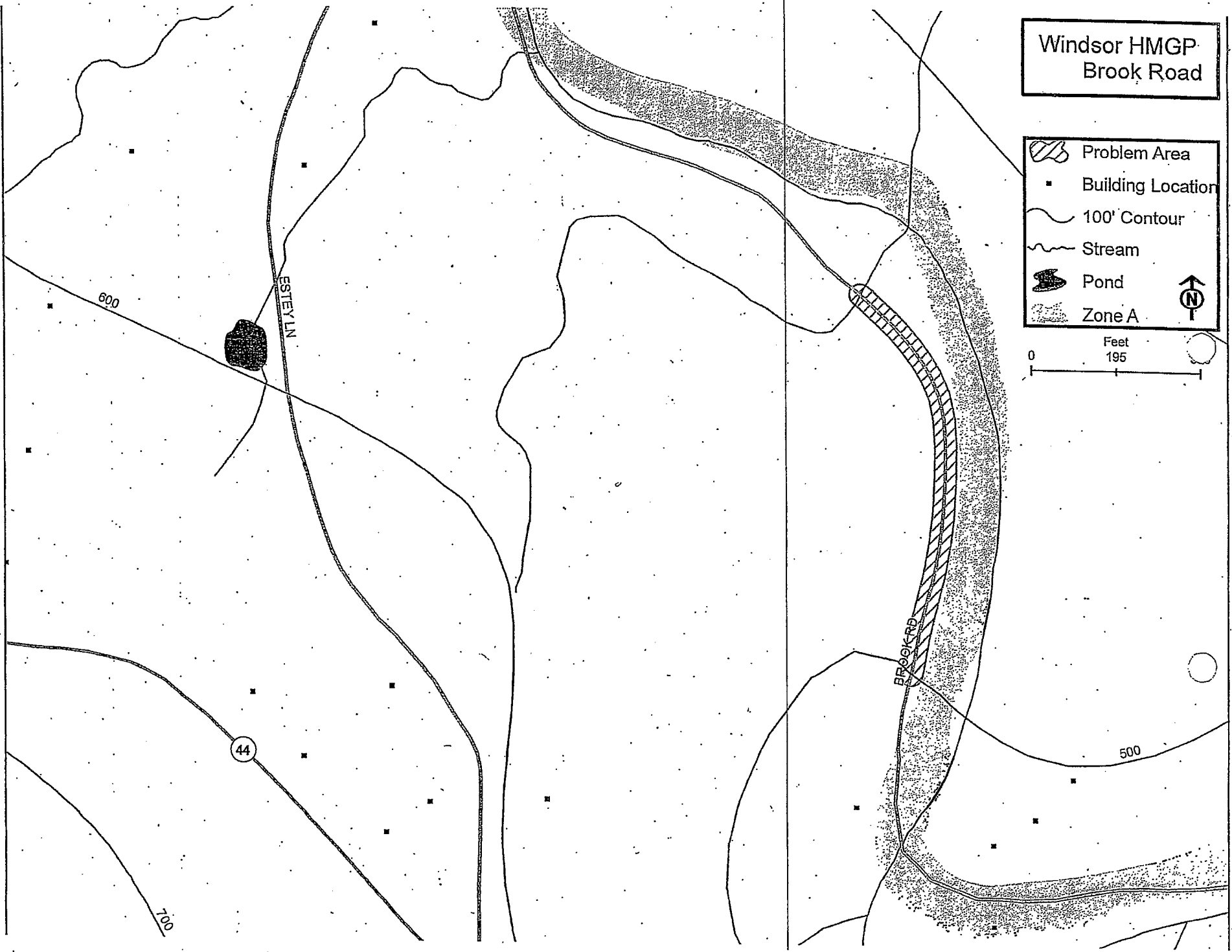


Windsor HMGP
Brook Road

-  Problem Area
-  Building Location
-  100' Contour
-  Stream
-  Pond
-  Zone A



Feet
0 195



LIMITED DATA MODULE
Benefit-Cost Analysis of Flood Mitigation Projects

PROJECT INFORMATION

Disaster Number	DR1816	Project	Mills Brook Armoring in Windsor, VT
DSR Number		Address	
DSR Category		City, State, Zip	
DSR Subject		County	Windsor County
Inspection Date		Applicant	Town of Windsor
Application Date	February 2010	Contact Person	Stephen Cottrell town manager
Analysis Date	2/5/2010	Scenario Run ID	
Analyst	Ray Doherty, VEM	File Save As Name	BCA-HMGP-DR1816-Windsor

PROJECT DATA

Project Description: Riprap and armoring of nearby river bank to prevent erosion

Project Useful-Life (Years)	50
Base Year of Costs	2010
Historic Preservation Issues (Yes or No)?	No
Environmental Issues (Yes or No)?	Yes

Economic Factors: Discount Rate (%) 7.00 Present Value Coefficient 13.80

Net Mitigation Project Cost: \$52,450
 Notes:

Additional Annual Maintenance Cost (\$/year) for Mitigation Project:	\$225
Present Value of Additional Annual Maintenance Cost (\$)	\$3,105
TOTAL MITIGATION PROJECT COST	\$55,555

TYPE OF FACILITY
 (for Loss of Function)

FACILITY DESCRIPTION: Estey Lane Brook Road and Mills Brook

Loss of Function for Roads/Bridges	
Estimated Number of One-Way Traffic Trips Per Day	750
Estimated Delay (Detour) Time Per One Way Trip (hours)	0.50
Total Economic Loss Per Hour of Delay: Ordinary, commercial, and emergency traffic	\$32,230

Economic Loss Per Day of Loss of Function of Bridge or Road: \$1,209

FLOOD HISTORY

Estimated Frequency of Declared Flood Event (Years): 16

Data Sources and Documentation

Town of Windsor
 Southern Windsor Regional Planning Commission

DAMAGES BEFORE MITIGATION

Flood Frequency Events (Years)	Scenario Flood Damages			Loss of Function Time and Dollars		TOTAL Damages and Losses
	road repair	B	C	Days	Losses	
1	\$9,000			2700	\$2,417	\$11,417
2					\$0	\$11,417
5					\$0	\$11,417
10					\$0	\$11,417
25					\$0	\$11,417
50					\$0	\$11,417
100					\$0	\$11,417
250					\$0	\$11,417
500					\$0	\$11,417
Total Annualized Damages						\$11,417

Data Sources and Documentation

Town of Windsor, repair & maintenance estimates
 Southern Windsor Regional Planning Commission

DAMAGES AFTER MITIGATION

Flood Frequency Events (Years)	Scenario Flood Damages			Loss of Function Time and Dollars		TOTAL Damages and Losses
	road repair	B	C	Days	Losses	
1	\$225				\$0	\$225
2					\$0	\$225
5					\$0	\$225
10					\$0	\$225
25					\$0	\$225
50					\$0	\$225
100					\$0	\$225
250					\$0	\$225
500					\$0	\$225
Total Annualized Damages						\$225

Data Sources and Documentation

Town of Windsor, highway department

SUMMARY OF BENEFITS AND COSTS

Expected Annual Damages Before Mitigation
 Expected Annual Damages After Mitigation
 Expected Avoided Damages After Mitigation (BENEFITS)

Expected Annual	Present Value
\$11,417	\$157,567
\$225	\$3,105
\$11,192	\$154,461

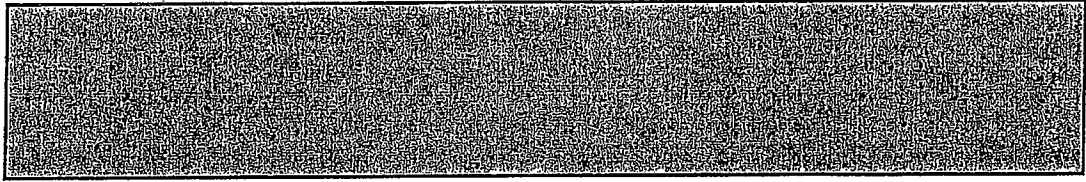
PROJECT COSTS
 PROJECT BENEFITS
 BENEFITS MINUS COSTS

\$55,555
\$154,461
\$98,906

BENEFIT-COST RATIO

2.78

Data Sources and Documentation



FEMA Disclaimer: The results produced by this analysis are neither conclusive evidence that a proposed project is cost-effective, nor a guarantee that a project is eligible for any government grant for whatever purpose.



**DANIELS
CONSTRUCTION**

REVISED ESTIMATE

SUBMITTED TO: TOWN OF WINDSOR
PO BOX 47
WINDSOR, VT. 05089

ATTENTION: STEVE COTTRELL
PHONE: 802-674-6786
FAX PHONE: 802-674-1017
JOB NAME: RIP-RAP SLOPE
JOB LOCATION: BROOK ROAD

FEB. 25, 2010

WE HEREBY SUBMIT SPECIFICATIONS AND ESTIMATES FOR:

INSTALL RIPRAP ON THREE SECTIONS OF ROAD PER DRAWINGS SUPPLIED BY TOWN. WE HAVE SUBSTITUTED 2" DGCS FOR THE TOP TWO FEET TO FACILITATE GUARD RAIL PLACEMENT.

200 LF SECTION @\$132 = \$26,400

193 LF SECTION @ \$80 = \$15,440

173 LF SECTION @ \$80 = \$13,840

TOTAL \$55,680

COST BREAKDOWN

LABOR = \$10,919

MATERIAL = \$35,763

EQUIPMENT = \$8998

SINCERELY

P.O. Box 246
4409 ROUTE 5
ASCUTNEY, VT 05030-0246

www.neilhdaniels.com

(802) 674-6323

FAX: (802) 674-5346



The Associated General
Contractors of America

BARRY SLEATH

From: Steve Cottrell [sjcottrell@windsor-vt.gov]
Sent: Thursday, February 18, 2010 2:04 PM
To: 'Raymond Doherty'
Cc: Barry Sleath (bsleath@neilhdaniels.com); John Broker-Campbell
Subject: RE: HMGP Application- town of Windsor- Information Request

Mr. Doherty:

I have attached a quote and a schematic depiction of the now out of date quotes the town received from Daniels Construction last year for repairs along Brook Road.

I have asked Barry Sleath of Daniels to update these quotes and schematics for purposes of the town's FEMA grant application. I will hopefully have the revised cost data as well as the longitude and latitude information for you by late next week, or before the end of the month. Thank you for your patience.

Sincerely,

Stephen J. Cottrell
Town Manager
Town of Windsor, VT
(802) 674-6786
(802) 299-1285 cell
(802) 674-1017 fax
<http://www.vermont-towns.org/windsor>

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

From: Raymond Doherty [mailto:rdoherly@dps.state.vt.us]
Sent: Thursday, February 18, 2010 1:28 PM
To: John Broker-Campbell; Steve Cottrell
Subject: HMGP Application- town of Windsor- Information Request

RE: HMGP grant application; town of Windsor- Mill Brook

John and Steve,

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Feel free to contact me if you have any additional questions. The application will be reviewed by FEMA and the state mitigation project selection committee in March.

Sincerely,

Ray Doherty, State Hazard Mitigation Officer
Vermont Emergency Management
103 South Main Street
Waterbury, VT 05671-2101

2/22/2010

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JCSCVERMONT@aol.c...	Fwd: Q gets another award	Thu 3/4/2010 10:36 PM	31 KB
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Raymond Doherty	[VEMDAILYREPORT] VEM Daily Office Rep...	Thu 3/4/2010 7:24 AM	293 KB

[VEMDALL] [SSF_LEAD] Situational Update & Expectations for the Coming Storm
VEM Master List [VEMDALL@DPS.STATE.VT.US] on behalf of Ross Nagy [rnagy@DPS.STA

This message was sent with High Importance.

To: vemDall

Attachments: February Snow Event 2010 SitRep #2.pdf (61 KB)

All - Today's situation report is attached indicating what has happened as of earlier today.



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