



STATE OF VERMONT
JOINT FISCAL OFFICE

MEMORANDUM

To: James Reardon, Commissioner of Finance & Management
From: Nathan Lavery, Fiscal Analyst
Date: November 20, 2009
Subject: JFO #2402, #2404, #2405, #2406

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

JFO #2402 — \$500,000 grant from the U.S. Department of Energy to Education Department. These grant funds will be distributed to local school districts for the installation of solar panels.
[JFO received 10/21/09]

JFO #2404 — \$105,876 grant from the Federal Emergency Management Agency (FEMA) to Department of Public Safety. These grant funds will be used to provide financial assistance to implement measures that will permanently reduce or eliminate future damage from natural hazards through safer building practices and improving existing structures.
[JFO received 10/21/09]

JFO #2405 — \$1,000,000 grant from the Federal Emergency Management Agency (FEMA) to Department of Public Safety. These grant funds will be used renovate and equip the Emergency Operations Center (EOC) at Public Safety headquarters in Waterbury.
[JFO received 10/21/09]

JFO #2406 — \$1,770,018 grant from the Center for Disease Control and Prevention to Department of Health. These grant funds will be to establish and maintain a tracking network for obtaining health and environmental data to improve health in communities. **Three (3) limited service position requests are associated with this request.**
[JFO received 10/21/09]

In accordance with 32 V.S.A. §5, the requisite 30 days having elapsed since these items were submitted to the Joint Fiscal Committee, the Governor's approval may now be



JFO 2404

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 grant in response to summer 2008 flood damage in Pawlet and East Central Vermont			
Date:		10/1/2009			
Department:		Department of Public Safety			
Legal Title of Grant:		Hazard Mitigation Grant Program, FEMA-DR-1778-VT			
Federal Catalog #:		97.039			
Grant/Donor Name and Address:		US Department of Homeland Security, Federal Emergency Management Agency (FEMA), Region 1			
Grant Period:	From:	8/26/2009	To:	9/30/2011	
Grant/Donation		\$105,876			
	SFY 1	SFY 2	SFY 3	Total	Comments
Grant Amount:	\$52,938	\$52,938	\$	\$105,876	
Position Information:		# Positions	Explanation/Comments		
		0			
Additional Comments:					
Department of Finance & Management			<i>10/15/09</i>		(Initial) <i>DS 10-09</i>
Secretary of Administration			<i>TP 10/15/09</i>		(Initial)
Sent To Joint Fiscal Office					Date <i>10/13/09</i>

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OCT 21 2009
JOINT FISCAL OFFICE

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:	8/26/2009	To: 9/30/2011
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 June 14, 2008 - June 17, 2008, resulted in Vermont cities and towns suffering flood damage. The President declared this a federal disaster (#1778) and made federal aid available to mitigate future reoccurring flood problems.		

10. BUDGET INFORMATION

	SFY 1 FY 2010	SFY 2 FY 2011	SFY 3 FY 2012	Comments
Expenditures:				
Personal Services	\$	\$	\$	
Operating Expenses	\$	\$	\$	
Grants	\$70,584	\$70,585	\$	
Total	\$70,584	\$70,585	\$	
Revenues:				
State Funds:				
Cash	\$	\$	\$	
In-Kind	\$	\$	\$	
Federal Funds:				
(Direct Costs)	\$52,938	\$52,938	\$	
(Statewide Indirect)	\$	\$	\$	
(Departmental Indirect)	\$	\$	\$	
Other Funds:				
Grant (source Local Match)	\$17,646	\$17,647	\$	
Total	\$70,584	\$70,585	\$	

Appropriation No:	2140031000	Amount:	\$105,876
			\$
			\$

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

			\$
			\$
			\$
			\$
		Total	\$105,876

PERSONAL SERVICE INFORMATION

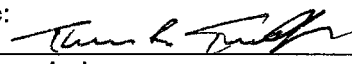
11. Will monies from this grant be used to fund one or more Personal Service Contracts? Yes No
 If "Yes", appointing authority must initial here to indicate intent to follow current competitive bidding process/policy.

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

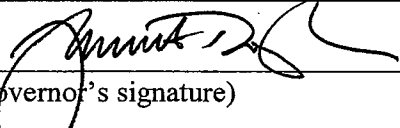
12. Limited Service Position Information:	# Positions	Title
Total Positions		

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

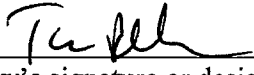
13. AUTHORIZATION AGENCY/DEPARTMENT

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: 9/23/09
	Title: Commissioner	
	Signature:	Date:
	Title:	

14. ACTION BY GOVERNOR

<input checked="" type="checkbox"/> Check One Box: Accepted		10/9/09 Date:
<input type="checkbox"/> Rejected		

15. SECRETARY OF ADMINISTRATION

<input type="checkbox"/> Check One Box: Request to JFO		10/5/09 Date:
<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

COPY

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



FEMA

August 26, 2009

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



SUBJECT: FEMA-DR-1778-VT
Hazard Mitigation Grant Program Project #1R
Route 153 Drainage Project, Town of Pawlet, 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:

1778-1R	Town of Pawlet Route 153 Drainage Project	\$ 45,248
	Total:	\$ 45,248

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-1778 Route 153 Culvert Upgrade Project

Project Location: Route 153, Pawlet, VT as indicated on map and directions enclosed with application.

Latitude: N 43 .219 Longitude: W -73.14128

Project Description: The Town of Pawlet, VT proposes to replace the three foot culvert with a 6.5' x 4.5' concrete box culvert with headwalls as indicated on the diagram attached to the application.

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. 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.

The applicant must ensure that best managing practices for roads and culverts and installation of erosion control measures are utilized. 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.

Funding

Total Cost of Project:	\$ 60,331
Federal Share	\$ 45,248
Applicant Share	\$ 15,083

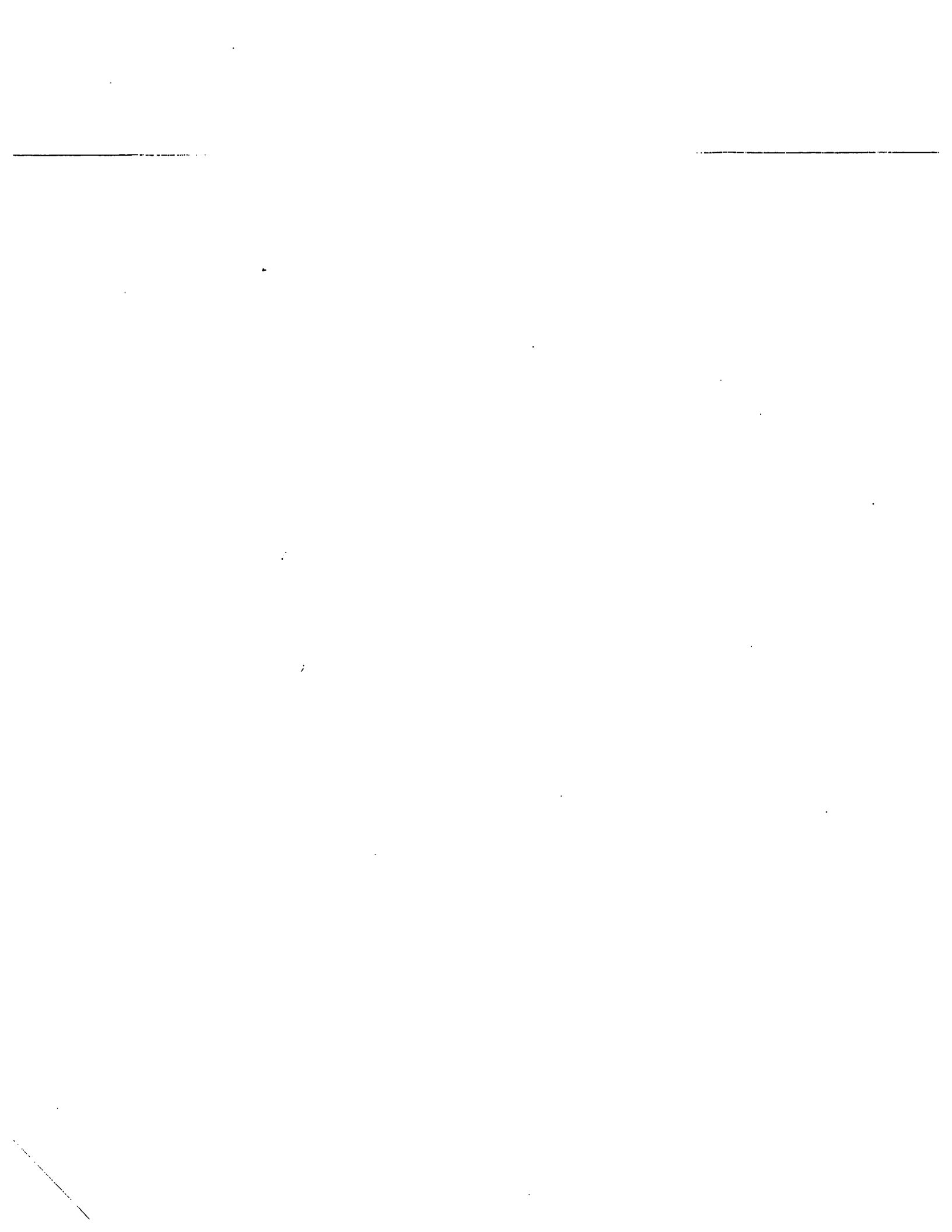
Period of Performance

This project must be complete by: 8/31/11

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

- 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.

- 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.



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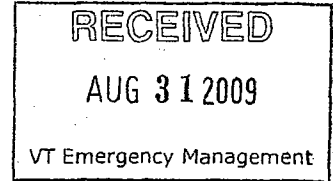
U.S. Department of Homeland Security
Region I
99 High Street, Sixth Floor
Boston, MA 02110-2132



FEMA

August 26, 2009

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



SUBJECT: FEMA-DR-1778-VT
Hazard Mitigation Grant Program Project #2R
Tadmer Road Drainage Project, Town of Pawlet, VT



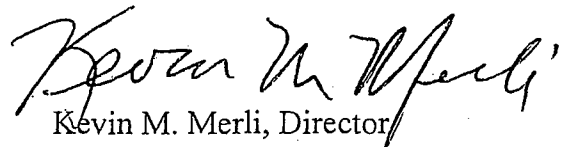
Dear Ms. Farr:

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:

1778-2R	Town of Pawlet Tadmer Road Drainage Project	\$ 52,361
Total:		\$ 52,361

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-1778 Tadmer Road Drainage Project

Project Location: Tadmer Road off Route 133 as indicated on map enclosed with application.

Latitude: N 44.1412570 Longitude: W -72.6624014

Project Description: The Town of Pawlet, VT proposes to replace two three foot culverts with an 8' x 3' concrete box culvert with wing walls and a 6' x 3' concrete box culvert with wing walls as indicated on the diagram attached to the application.

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. 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.

The applicant must ensure that best managing practices for roads and culverts and installation of erosion control measures are utilized. 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.

Funding

Total Cost of Project:	\$ 69,815
Federal Share	\$ 52,361
Applicant Share	\$ 17,454

Period of Performance

This project must be complete by: 8/31/11

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

- 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.



FEMA

September 8, 2009

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

SUBJECT: FEMA-DR-1778-VT
Hazard Mitigation Grant Program Project #3
NFIP Outreach Project, Two Rivers-Ottauquechee Regional Planning Commission

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:

1778-3	Two Rivers-Ottauquechee Regional Planning Commission NFIP Outreach Project	\$ 8,267
	Total:	\$ 8,267

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-1790 NFIP Outreach Project, Two Rivers-
Ottauquechee Regional Planning Commission, VT

Project Location: Statewide

Project Description: The Two Rivers- Ottauquechee Regional Planning Commission, VT intends to provide an outreach program to several audiences through seven public meetings that will be about two hours long on floodplain-related issues; such as how to read the flood maps, use the on-line tools and understand the related insurance requirements. Three workshops for administrators of flood regulations will be conducted. A course for realtors in Orange County will also be presented, to improve effectiveness and compliance with NFIP. Outreach will also be provided to landowners and applicants for special permits to guide them through the process and help them to understand the risks they face and the recovery options.

Monitoring Requirements:

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

Funding

Total Cost of Project: \$ 11,023

Federal Share \$ 8,267

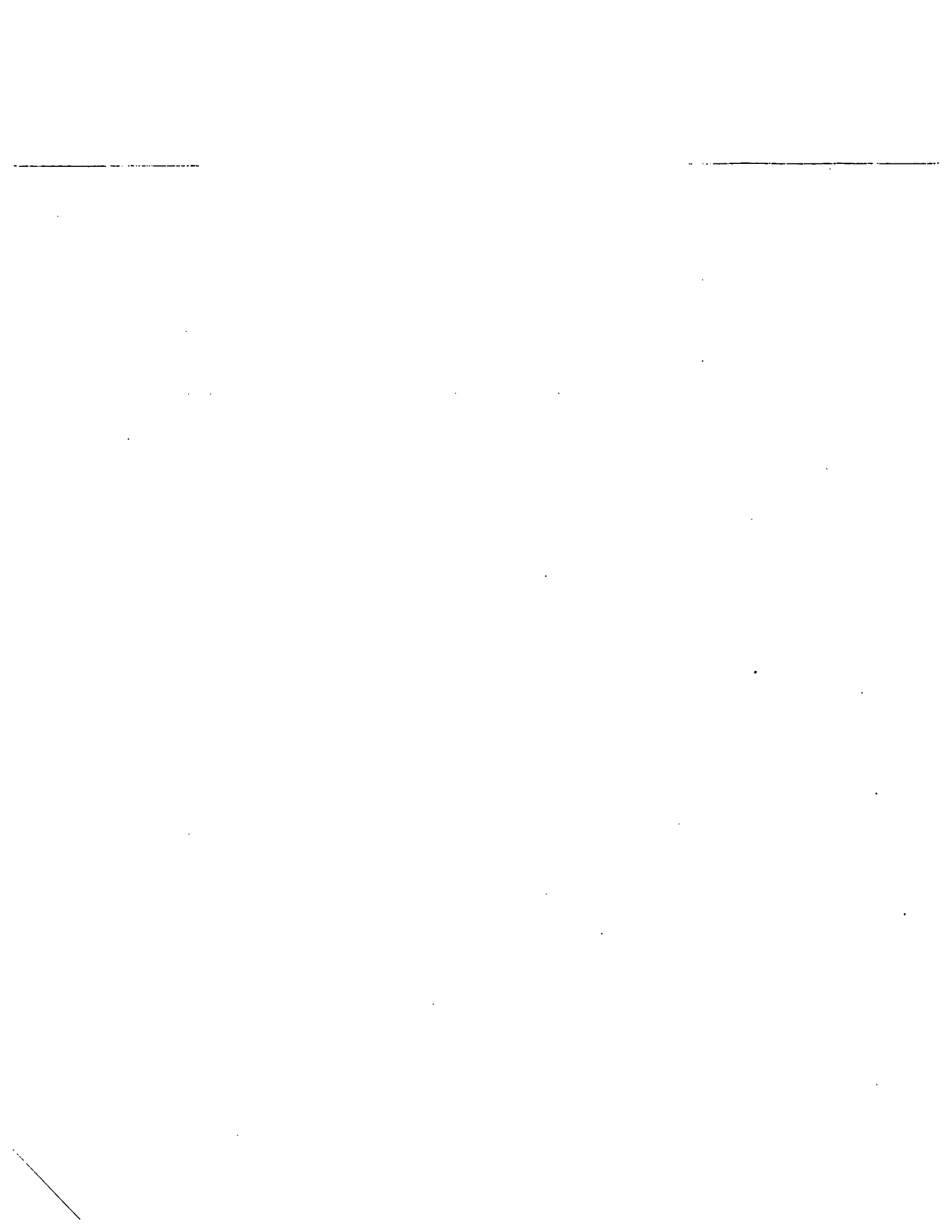
Applicant Share \$ 2,756

Period of Performance

This project must be complete by: 9/30/11

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.**





JFO 2404

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 grant in response to summer 2008 flood damage in Pawlet and East Central Vermont				
Date:	10/1/2009				
Department:	Department of Public Safety				
Legal Title of Grant:	Hazard Mitigation Grant Program, FEMA-DR-1778-VT				
Federal Catalog #:	97.039				
Grant/Donor Name and Address:	US Department of Homeland Security, Federal Emergency Management Agency (FEMA), Region 1				
Grant Period:	From:	8/26/2009	To:	9/30/2011	
Grant/Donation	\$105,876				
	SFY 1	SFY 2	SFY 3	Total	Comments
Grant Amount:	\$52,938	\$52,938	\$	\$105,876	

Position Information:	# Positions	Explanation/Comments
	0	

Additional Comments:

Department of Finance & Management	<i>TS 10/15/09</i>	(Initial) <i>DS 10-1-09</i>
Secretary of Administration	<i>TP 10/15/09</i>	(Initial)
Sent To Joint Fiscal Office		Date <i>10/13/09</i>

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OCT 21 2009
JOINT FISCAL OFFICE

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: 8/26/2009	To: 9/30/2011	
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 June 14, 2008 - June 17, 2008, resulted in Vermont cities and towns suffering flood damage. The President declared this a federal disaster (#1778) and made federal aid available to mitigate future reoccurring flood problems.				
10. BUDGET INFORMATION				
	SFY 1	SFY 2	SFY 3	Comments
Expenditures:	FY 2010	FY 2011	FY 2012	
Personal Services	\$	\$	\$	
Operating Expenses	\$	\$	\$	
Grants	\$70,584	\$70,585	\$	
Total	\$70,584	\$70,585	\$	
Revenues:				
State Funds:	\$	\$	\$	
Cash	\$	\$	\$	
In-Kind	\$	\$	\$	
Federal Funds:	\$	\$	\$	
(Direct Costs)	\$52,938	\$52,938	\$	
(Statewide Indirect)	\$	\$	\$	
(Departmental Indirect)	\$	\$	\$	
Other Funds:	\$	\$	\$	
Grant (source Local Match)	\$17,646	\$17,647	\$	
Total	\$70,584	\$70,585	\$	
Appropriation No:		2140031000	Amount:	\$105,876
				\$
				\$

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

			\$
			\$
			\$
			\$
		Total	\$105,876

PERSONAL SERVICE INFORMATION

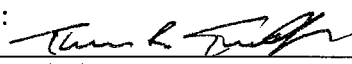
11. Will monies from this grant be used to fund one or more Personal Service Contracts? Yes No
 If "Yes", appointing authority must initial here to indicate intent to follow current competitive bidding process/policy.

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

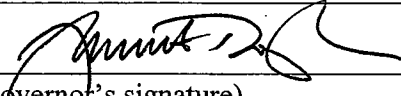
12. Limited Service Position Information:	# Positions	Title
Total Positions		

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

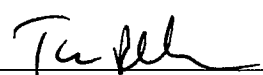
13. AUTHORIZATION AGENCY/DEPARTMENT

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: 9/23/09
	Title: Commissioner	
	Signature:	Date:
	Title:	

14. ACTION BY GOVERNOR

<input checked="" type="checkbox"/>	Check One Box: Accepted	 (Governor's signature)	Date: 10/9/09
<input type="checkbox"/>	Rejected		Date:

15. SECRETARY OF ADMINISTRATION

<input type="checkbox"/>	Check One Box: Request to JFO	 (Secretary's signature or designee)	Date: 10/5/09
<input type="checkbox"/>	Information to JFO		Date:

16. DOCUMENTATION REQUIRED

Required GRANT Documentation

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

COPY

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



FEMA

August 26, 2009

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



SUBJECT: FEMA-DR-1778-VT
Hazard Mitigation Grant Program Project #1R
Route 153 Drainage Project, Town of Pawlet, 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:

1778-1R	Town of Pawlet Route 153 Drainage Project	\$ 45,248
	Total:	\$ 45,248

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-1778 Route 153 Culvert Upgrade Project

Project Location: Route 153, Pawlet, VT as indicated on map and directions enclosed with application.

Latitude: N 43 .219 Longitude: W -73.14128

Project Description: The Town of Pawlet, VT proposes to replace the three foot culvert with a 6.5' x 4.5' concrete box culvert with headwalls as indicated on the diagram attached to the application.

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. 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.

The applicant must ensure that best managing practices for roads and culverts and installation of erosion control measures are utilized. 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.

Funding

Total Cost of Project:	\$ 60,331
Federal Share	\$ 45,248
Applicant Share	\$ 15,083

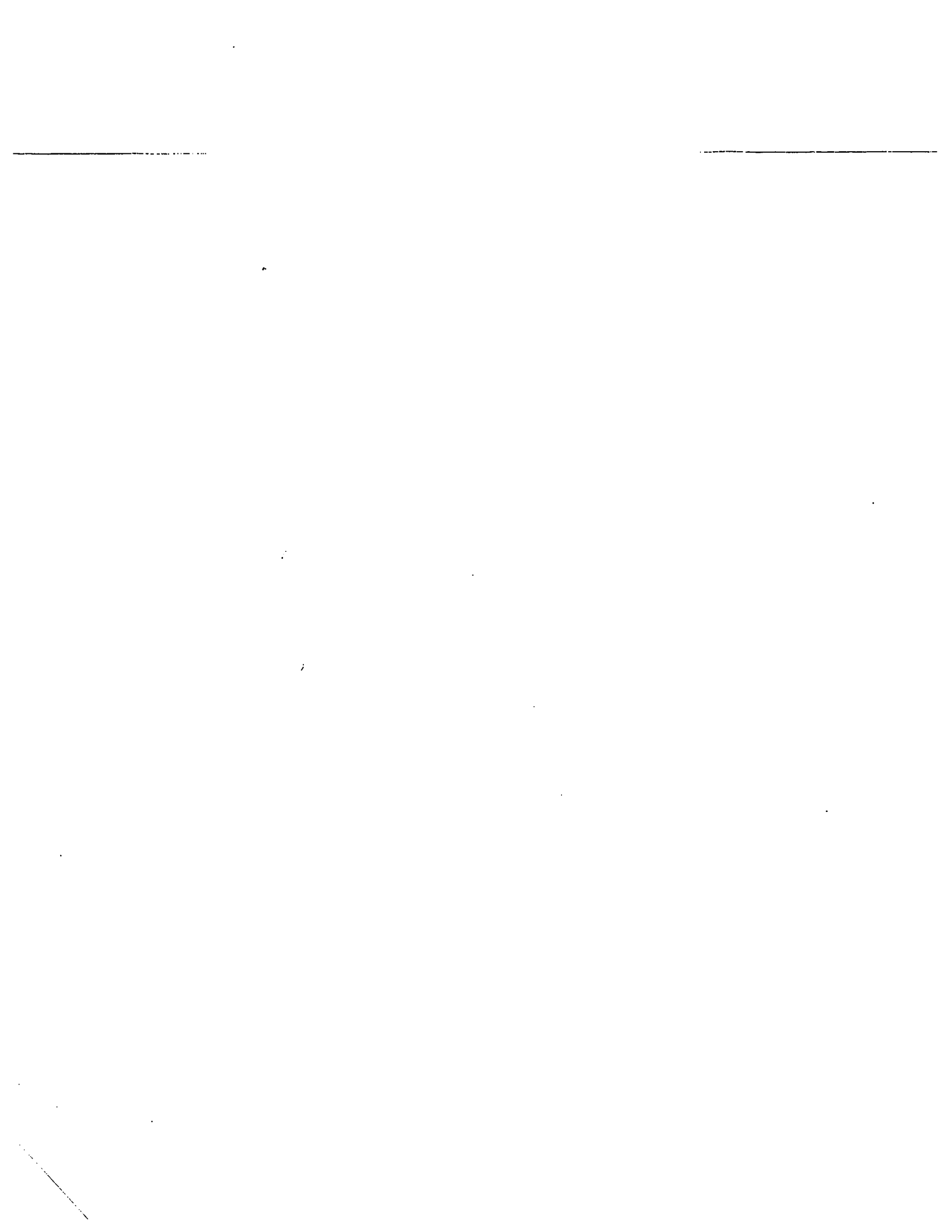
Period of Performance

This project must be complete by: 8/31/11

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

- 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.

- 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.



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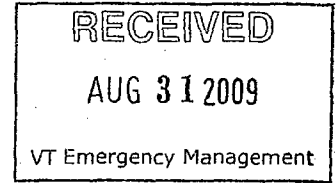
U.S. Department of Homeland Security
Region I
99 High Street, Sixth Floor
Boston, MA 02110-2132



FEMA

August 26, 2009

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



SUBJECT: FEMA-DR-1778-VT
Hazard Mitigation Grant Program Project #2R
Tadmer Road Drainage Project, Town of Pawlet, VT



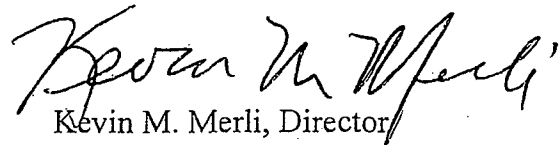
Dear Ms. Farr:

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:

1778-2R	Town of Pawlet Tadmer Road Drainage Project	\$ 52,361
	Total:	\$ 52,361

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-1778 Tadmer Road Drainage Project

Project Location: Tadmer Road off Route 133 as indicated on map enclosed with application.

Latitude: N 44.1412570 Longitude: W -72.6624014

Project Description: The Town of Pawlet, VT proposes to replace two three foot culverts with an 8' x 3' concrete box culvert with wing walls and a 6' x 3' concrete box culvert with wing walls as indicated on the diagram attached to the application.

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. 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.

The applicant must ensure that best managing practices for roads and culverts and installation of erosion control measures are utilized. 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.

Funding

Total Cost of Project:	\$ 69,815
Federal Share	\$ 52,361
Applicant Share	\$ 17,454

Period of Performance

This project must be complete by: 8/31/11

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

- 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.



FEMA

September 8, 2009

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

SUBJECT: FEMA-DR-1778-VT
Hazard Mitigation Grant Program Project #3
NFIP Outreach Project, Two Rivers-Ottauquechee Regional Planning Commission

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:

1778-3	Two Rivers-Ottauquechee Regional Planning Commission NFIP Outreach Project	\$ 8,267
	Total:	\$ 8,267

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-1790 NFIP Outreach Project, Two Rivers-
Ottauquechee Regional Planning Commission, VT

Project Location: Statewide

Project Description: The Two Rivers- Ottauquechee Regional Planning Commission, VT intends to provide an outreach program to several audiences through seven public meetings that will be about two hours long on floodplain-related issues; such as how to read the flood maps, use the on-line tools and understand the related insurance requirements. Three workshops for administrators of flood regulations will be conducted. A course for realtors in Orange County will also be presented, to improve effectiveness and compliance with NFIP. Outreach will also be provided to landowners and applicants for special permits to guide them through the process and help them to understand the risks they face and the recovery options.

Monitoring Requirements:

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

Funding

Total Cost of Project:	\$ 11,023
Federal Share	\$ 8,267
Applicant Share	\$ 2,756

Period of Performance

This project must be complete by: 9/30/11

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.**



JFO 2404

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 grant in response to summer 2008 flood damage in Pawlet and East Central Vermont			
Date:		10/1/2009			
Department:		Department of Public Safety			
Legal Title of Grant:		Hazard Mitigation Grant Program, FEMA-DR-1778-VT			
Federal Catalog #:		97.039			
Grant/Donor Name and Address:		US Department of Homeland Security, Federal Emergency Management Agency (FEMA), Region 1			
Grant Period:		From:	To:		
		8/26/2009	9/30/2011		
Grant/Donation		\$105,876			
	SFY 1	SFY 2	SFY 3	Total	Comments
Grant Amount:	\$52,938	\$52,938	\$	\$105,876	
Position Information:		# Positions	Explanation/Comments		
		0			
Additional Comments:					
Department of Finance & Management				TS 10/15/09	(Initial) DS 10-1-09
Secretary of Administration				TP 10/15/09	(Initial)
Sent To Joint Fiscal Office					Date 10/13/09

RECEIVED
OCT 21 2009
JOINT FISCAL OFFICE

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:	8/26/2009	To: 9/30/2011
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 June 14, 2008 - June 17, 2008, resulted in Vermont cities and towns suffering flood damage. The President declared this a federal disaster (#1778) and made federal aid available to mitigate future reoccurring flood problems.			

10. BUDGET INFORMATION

	SFY 1	SFY 2	SFY 3	Comments
Expenditures:	FY 2010	FY 2011	FY 2012	
Personal Services	\$	\$	\$	
Operating Expenses	\$	\$	\$	
Grants	\$70,584	\$70,585	\$	
Total	\$70,584	\$70,585	\$	
Revenues:				
State Funds:	\$	\$	\$	
Cash	\$	\$	\$	
In-Kind	\$	\$	\$	
Federal Funds:	\$	\$	\$	
(Direct Costs)	\$52,938	\$52,938	\$	
(Statewide Indirect)	\$	\$	\$	
(Departmental Indirect)	\$	\$	\$	
Other Funds:	\$	\$	\$	
Grant (source Local Match)	\$17,646	\$17,647	\$	
Total	\$70,584	\$70,585	\$	

Appropriation No:	2140031000	Amount:	\$105,876
			\$
			\$

RECEIVED 2 * 2 * 09

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

		\$
		\$
		\$
		\$
	Total	\$105,876

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.

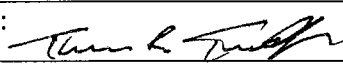
Appointing Authority Name: _____ Agreed by: _____ (initial)

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

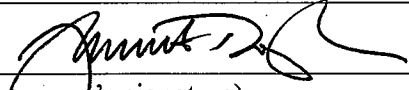
12a. Equipment and space for these positions: Is presently available. Can be obtained with available funds.

13. AUTHORIZATION AGENCY/DEPARTMENT

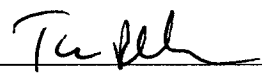
I/we certify that no funds beyond basic application preparation and filing costs have been expended or committed in anticipation of Joint Fiscal Committee approval of this grant, unless previous notification was made on Form AA-1PN (if applicable):

Signature:  Date: 9/23/09
 Title: Commissioner
 Signature: _____ Date: _____
 Title: _____

14. ACTION BY GOVERNOR

Check One Box: Accepted  Date: 10/9/09
 Rejected (Governor's signature) Date: _____

15. SECRETARY OF ADMINISTRATION

Check One Box: Request to JFO  Date: 10/5/09
 Information to JFO (Secretary's signature or designee) Date: _____

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

COPY

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



FEMA

August 26, 2009

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



SUBJECT: FEMA-DR-1778-VT
Hazard Mitigation Grant Program Project #1R
Route 153 Drainage Project, Town of Pawlet, 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:

1778-1R	Town of Pawlet Route 153 Drainage Project	\$ 45,248
	Total:	\$ 45,248

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-1778 Route 153 Culvert Upgrade Project

Project Location: Route 153, Pawlet, VT as indicated on map and directions enclosed with application.

Latitude: N 43 .219 Longitude: W -73.14128

Project Description: The Town of Pawlet, VT proposes to replace the three foot culvert with a 6.5' x 4.5' concrete box culvert with headwalls as indicated on the diagram attached to the application.

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. 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.

The applicant must ensure that best managing practices for roads and culverts and installation of erosion control measures are utilized. 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.

Funding

Total Cost of Project:	\$ 60,331
Federal Share	\$ 45,248
Applicant Share	\$ 15,083

Period of Performance

This project must be complete by: 8/31/11

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

- 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.
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- 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.

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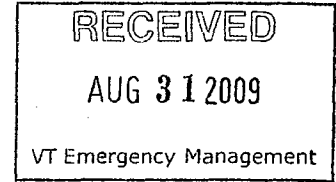
U.S. Department of Homeland Security
Region I
99 High Street, Sixth Floor
Boston, MA 02110-2132



FEMA

August 26, 2009

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



SUBJECT: FEMA-DR-1778-VT
Hazard Mitigation Grant Program Project #2R
Tadmer Road Drainage Project, Town of Pawlet, 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:

1778-2R	Town of Pawlet Tadmer Road Drainage Project	\$ 52,361
	Total:	\$ 52,361

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
Kevin M. Merli, Director
Mitigation Division

Attachment

Project Review and Conditions Status

Project Name/Number: FEMA-HMGP-1778 Tadmer Road Drainage Project

Project Location: Tadmer Road off Route 133 as indicated on map enclosed with application.

Latitude: N 44.1412570 Longitude: W -72.6624014

Project Description: The Town of Pawlet, VT proposes to replace two three foot culverts with an 8' x 3' concrete box culvert with wing walls and a 6' x 3' concrete box culvert with wing walls as indicated on the diagram attached to the application.

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. 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.
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3. Commence work during low flow period.

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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.

The applicant must ensure that best managing practices for roads and culverts and installation of erosion control measures are utilized. 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.

Funding

Total Cost of Project:	\$ 69,815
Federal Share	\$ 52,361
Applicant Share	\$ 17,454

Period of Performance

This project must be complete by: 8/31/11

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

- 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.



FEMA

September 8, 2009

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

SUBJECT: FEMA-DR-1778-VT
Hazard Mitigation Grant Program Project #3
NFIP Outreach Project, Two Rivers-Ottauquechee Regional Planning Commission

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:

1778-3	Two Rivers-Ottauquechee Regional Planning Commission NFIP Outreach Project	\$ 8,267
	Total:	\$ 8,267

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-1790 NFIP Outreach Project, Two Rivers-
Ottauquechee Regional Planning Commission, VT

Project Location: Statewide

Project Description: The Two Rivers- Ottauquechee Regional Planning Commission, VT intends to provide an outreach program to several audiences through seven public meetings that will be about two hours long on floodplain-related issues; such as how to read the flood maps, use the on-line tools and understand the related insurance requirements. Three workshops for administrators of flood regulations will be conducted. A course for realtors in Orange County will also be presented, to improve effectiveness and compliance with NFIP. Outreach will also be provided to landowners and applicants for special permits to guide them through the process and help them to understand the risks they face and the recovery options.

Monitoring Requirements:

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

Funding

Total Cost of Project:	\$ 11,023
Federal Share	\$ 8,267
Applicant Share	\$ 2,756

Period of Performance

This project must be complete by: 9/30/11

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.

JFO 2404



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

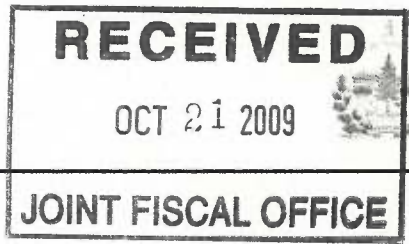
**STATE OF VERMONT
FINANCE & MANAGEMENT GRANT REVIEW FORM**

Grant Summary:	FEMA grant in response to summer 2008 flood damage in Pawlet and East Central Vermont				
Date:	10/1/2009				
Department:	Department of Public Safety				
Legal Title of Grant:	Hazard Mitigation Grant Program, FEMA-DR-1778-VT				
Federal Catalog #:	97.039				
Grant/Donor Name and Address:	US Department of Homeland Security, Federal Emergency Management Agency (FEMA), Region 1				
Grant Period:	From:	8/26/2009	To:	9/30/2011	
Grant/Donation	\$105,876				
	SFY 1	SFY 2	SFY 3	Total	Comments
Grant Amount:	\$52,938	\$52,938	\$	\$105,876	

Position Information:	# Positions	Explanation/Comments
	0	

Additional Comments:

Department of Finance & Management	TS 10/15/09	(Initial) DS 10-09
Secretary of Administration	TR 10/5/09	(Initial)
Sent To Joint Fiscal Office		Date 10/13/09



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: 8/26/2009	To: 9/30/2011		
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 June 14, 2008 - June 17, 2008, resulted in Vermont cities and towns suffering flood damage. The President declared this a federal disaster (#1778) and made federal aid available to mitigate future reoccurring flood problems.					
10. BUDGET INFORMATION					
	SFY 1	SFY 2	SFY 3	Comments	
Expenditures:	FY 2010	FY 2011	FY 2012		
Personal Services	\$	\$	\$		
Operating Expenses	\$	\$	\$		
Grants	\$70,584	\$70,585	\$		
Total	\$70,584	\$70,585	\$		
Revenues:					
State Funds:	\$	\$	\$		
Cash	\$	\$	\$		
In-Kind	\$	\$	\$		
Federal Funds:	\$	\$	\$		
(Direct Costs)	\$52,938	\$52,938	\$		
(Statewide Indirect)	\$	\$	\$		
(Departmental Indirect)	\$	\$	\$		
Other Funds:	\$	\$	\$		
Grant (source Local Match)	\$17,646	\$17,647	\$		
Total	\$70,584	\$70,585	\$		
Appropriation No:	2140031000	Amount:	\$105,876		
			\$		
			\$		

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

		\$
		\$
		\$
		\$
	Total	\$105,876


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)

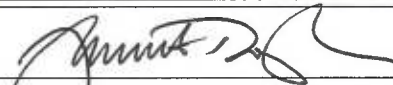
12. Limited Service Position Information:	# Positions	Title
Total Positions		

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: 9/23/09
	Title: Commissioner	
	Signature:	Date:
	Title:	

14. ACTION BY GOVERNOR

<input checked="" type="checkbox"/> Check One Box: Accepted	 (Governor's signature)	10/9/09
<input type="checkbox"/> Rejected		Date:

15. SECRETARY OF ADMINISTRATION

<input type="checkbox"/> Check One Box: Request to JFO	 (Secretary's signature or designee)	10/5/09
<input type="checkbox"/> Information to JFO		Date:

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

COPY

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



FEMA

August 26, 2009

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



SUBJECT: FEMA-DR-1778-VT
Hazard Mitigation Grant Program Project #1R
Route 153 Drainage Project, Town of Pawlet, 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:

1778-1R	Town of Pawlet Route 153 Drainage Project	\$ 45,248
Total:		\$ 45,248

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

HAZARD MITIGATION GRANT PROGRAM

Allocation Request

Disaster Number : 1778

Allocation Number : 0

IFMIS Status : Accept

IFMIS Date : 08/25/2009

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
1 - R	0	1	2009	\$45,248	\$0	\$0	\$45,248	\$45,248	\$45,248	\$0
2 - R	0	3	2009	\$52,361	\$0	\$0	\$52,361	\$52,361	\$52,361	\$0
TOTALS				\$97,609	\$	\$0	\$97,609			

Comments

Date: 08 / 25 / 2009 User Id: JMALONE2

Comment: allocation of \$97,609 approved

Date: 08 / 25 / 2009 User Id: KTIRRELL

Comment: allocation of \$97,609 approved



Authorization

Preparer Name : JUDITH MALONEY

Preparation Date : 08/25/2009

HMO Authorization Name : KERRI ANN TIRRELL

HMO Authorization Date : 08/25/2009

Allocation Request with Signature

Disaster Number : 1778 Allocation Number : 0 IFMIS Status : Accept IFMIS Date : 08/25/2009

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
1 - R	0	1	2009	\$45,248	\$0	\$0	\$45,248	\$45,248	\$45,248	\$0
2 - R	0	3	2009	\$52,361	\$0	\$0	\$52,361	\$52,361	\$52,361	\$0
TOTALS				\$97,609	\$	\$0	\$97,609			

Comments

Date: 08 / 25 / 2009 User Id: JMALONE2

Comment: allocation of \$97,609 approved

Date: 08 / 25 / 2009 User Id: KTIRRELL

Comment: allocation of \$97,609 approved

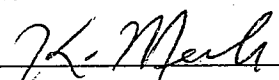
Authorization

Preparer Name : JUDITH MALONEY

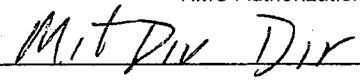
Preparation Date : 08/25/2009

HMO Authorization Name : KERRI ANN TIRRELL

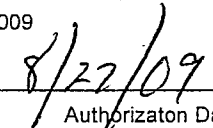
HMO Authorization Date : 08/25/2009



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
1778	1-R	0	1	1	0	VT	Statewide

Subgrantee: Pawlet (Town of)

Project Title : Route 153 Culvert Upgrade, Pawlet, VT

Subgrantee FIPS Code: 021-54250

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
\$45,248	\$45,248	\$0	\$0	\$45,248	\$0	\$0	\$45,248	08/25/2009	Accept	2009

Comments

Date: 08/25/2009 User Id: JMALONE2

Comment: obligation of \$45,248 approved

Date: 08/25/2009 User Id: SBELL7

Comment: obligation of \$45,248 approved by HMO

Authorization

Preparer Name: JUDITH MALONEY

Preparation Date: 08/25/2009

HMO Authorization Name: SAMUEL BELL

HMO Authorization Date: 08/25/2009

HAZARD MITIGATION GRANTS PROGRAM

Obligation Report w/ Signatures

Disaster No	FEMA Project No	Amendment No	State Application ID	Action No	Supplemental No	State	Grantee
1778	1-R	0	1	1	0	VT	Statewide

Subgrantee: Pawlet (Town of)

Project Title : Route 153 Culvert Upgrade, Pawlet, VT

Subgrantee FIPS Code: 021-54250

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
\$45,248	\$45,248	\$0	\$0	\$45,248	\$0	\$0	\$45,248	08/25/2009	Accept	2009

Comments

Date: 08/25/2009 User Id: JMALONE2

Comment: obligation of \$45,248 approved

Date: 08/25/2009 User Id: SBELL7

Comment: obligation of \$45,248 approved by HMO

Authorization

Preparer Name: JUDITH MALONEY

Preparation Date: 08/25/2009

HMO Authorization Name: SAMUEL BELL

HMO Authorization Date: 08/25/2009

		
_____ Authorizing Official Signature	_____ Authorizing Official Title	_____ Authorization Date

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

Project Management Report

Disaster Number	FEMA Project Number	Amendment Number	App ID	State	Grantee
1778	1-R	0	1	VT	Statewide

Subgrantee: Pawlet (Town of)

FIPS Code: 021-54250

Project Title : Route 153 Culvert Upgrade, Pawlet, VT

Mitigation Project Description

Amendment Status : Approved

Approval Status: Approved

Project Title : Route 153 Culvert Upgrade, Pawlet, VT

Grantee : Statewide

Subgrantee : Pawlet (Town of)

Grantee County Name : Rutland

Subgrantee County Name : Rutland

Grantee County Code : 21

Subgrantee County Code : 21

Grantee Place Name : Pawlet (Town of)

Subgrantee Place Name : Pawlet (Town of)

Grantee Place Code : 0

Subgrantee Place Code : 54250

Project Closeout Date : 00/00/0000

Work Schedule Status

Amend #	Description	Time Frame	Due Date	Revised Date	Completion Date
0	culvert with wing walls	2 wks.	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
\$60,331	75.000000000	\$45,248	25.000000000	\$15,083

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
0	A	08/25/2009	08/25/2009	2009	1754696	0	\$45,248	\$0	\$0	\$45,248
Total							\$45,248	\$0	\$0	\$45,248

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	08/25/2009	08/25/2009	2009	1755104	0	0	\$45,248	\$0	\$0	\$45,248
Total								\$45,248	\$0	\$0	\$45,248

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

Disaster Number: 1778 State: VT Region: 1 Declaration Date: 07/15/2008 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	\$157,902	\$97,609	\$60,293	\$45,248	\$112,654
Regular Projects	\$138,954	\$97,609	\$41,345	\$45,248	\$93,706
Initiative Projects	\$7,895	\$0	\$7,895	\$0	\$7,895
Planning Projects	\$11,053	\$0	\$11,053	\$0	\$11,053
Subtotal	\$157,902	\$97,609	\$60,293	\$45,248	\$112,654
State Management Cost	\$8,518	\$0	\$8,518	\$0	\$8,518
TOTALS	\$166,420	\$97,609	\$68,811	\$45,248	\$121,172

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.

Record of Environmental Consideration

See 44 Code of Federal Regulation Part 10.

Project Name/Number: FEMA-HMGP-1778 Route 153 Culvert Upgrade Project

Project Location: Route 153, Pawlet, VT as indicated on map and directions enclosed with application.

Latitude: N 43 .219 Longitude: W -73.14128

Project Description: The Town of Pawlet, VT proposes to replace the three foot culvert with a 6.5' x 4.5' concrete box culvert with headwalls as indicated on the diagram attached to the application.

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.

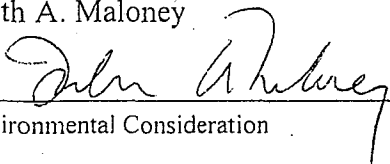
Correspondence/Consultation/References: Project Description, site visit; Based on information provided by the grantee, the scope of work for this project qualifies as a Categorical Exclusion (CATEX) under 44 CFR Part 10.8 (d)(2)(xv & xvi)

Reviewer and Approvals

FEMA Environmental Reviewer

Name: Judith A. Maloney

Signature



Date

7-22-09

Record of Environmental Consideration

FEMA Regional Environmental Officer or delegated approving official
Name:

Signature *Josh Sutter* Date 7/27/09

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 . Sept. 23, 2002 Otherwise, conduct standard Section 106 review.
 - Activity meets Programmatic Allowance # Appendix B, IB
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: This project will upgrade an existing culvert within the footprint of previously disturbed ground. **Correspondence/Consultation/References:** The Vermont Programmatic Agreement, Appendix B, IB

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: Review by Judith Maloney, FEMA, of U.S. Fish and Wildlife Service Endangered Species web site revealed that no federally listed or proposed threatened and endangered species under the jurisdiction of the U.S. Fish and Wildlife are known to occur in the vicinity of the areas of proposed projects. Site visit confirmed common roadside species of plants.

Correspondence/Consultation/References: U.S. Fish and Wildlife Service Endangered Species 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 requires Section 404/401/10 permit, including qualification under Nationwide Permits.
- Are project conditions required? YES (see section V) NO **(Review Concluded)**

Comments: Project involves no activity in waters of the US, nor discharge of pollutants or dredged/fill materials.
 Project improvements 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 US 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.
Correspondence / Consultation / References: Section 10 of the Rivers and Harbors Act, Section 404 of the Clean Water Act, (Re: determinations and acquisition of appropriate permits), and local Conservation Commission regulations. See USACE General Permit No: NAE-2007-24
 Expiration Date: December 5, 2012

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

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: Review by Judith Maloney, FEMA, of U.S. Fish and Wildlife Service Endangered Species web site revealed that no federally listed or proposed threatened and endangered species under the jurisdiction of the U.S. Fish and Wildlife are known to occur in the vicinity of the areas of proposed projects.

Correspondence/Consultation/References: U.S. Fish and Wildlife Service Endangered Species 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.*

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 Essential Fish habitat is adversely affected by this project. Review by Judith Maloney, FEMA, of U.S. Fish and Wildlife Service Endangered Species web site revealed that no federally listed or proposed threatened and endangered species under the jurisdiction of the U.S. Fish and Wildlife are known to occur in the vicinity of the areas of proposed projects.
Correspondence/Consultation/References: U.S. Fish and Wildlife Service Endangered Species web site; site visit

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: No designated river is near the project.
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: This project will mitigate damages to the road.

Correspondence/Consultation/References: Project is located in a FEMA designated X zone, an area of 500-year flood; area subject to 100-year flood with average depths of less than one foot or with contributing drainage area less than one square mile or an area protected by levees from the base flood. FIRM Flood Insurance Rate Map, Town of Pawlet, VT, Rutland County, Map Number 50021C0655D (Panel 655 of 740), Effective August 28, 2008).

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: Review of National Wetlands Inventory and topographical maps show wetlands in the general vicinity of the project area. 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: <http://wetlandsfws.er.usgs.gov/wtlnds/launch.html>; Topographical map of the area.

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: A review of the scoping guidance indicates no other environmental concerns.

Correspondence/Consultation/References:

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:

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 (VEM), 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.

Project Conditions:

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.

The applicant must ensure that best managing practices for roads and culverts and installation of erosion control measures are utilized. 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 the scope of work and accounting records are required.

Project Review and Conditions Status

Project Name/Number: FEMA-HMGP-1778 Route 153 Culvert Upgrade Project

Project Location: Route 153, Pawlet, VT as indicated on map and directions enclosed with application.

Latitude: N 43 .219 Longitude: W -73.14128

Project Description: The Town of Pawlet, VT proposes to replace the three foot culvert with a 6.5' x 4.5' concrete box culvert with headwalls as indicated on the diagram attached to the application.

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. 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.

The applicant must ensure that best managing practices for roads and culverts and installation of erosion control measures are utilized. 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.

Funding

Total Cost of Project:	\$ 60,331
Federal Share	\$ 45,248
Applicant Share	\$ 15,083

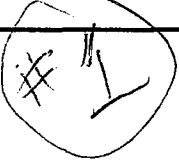
Period of Performance

This project must be complete by: 8/31/11

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

- 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.

- **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.**



FEMA Disaster Code:	FEMA- DR- VT	Date Submitted:	
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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 Pawlet, Vermont
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County:	Rutland
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Name of Local Hazard Mitigation Plan: <small>(County or Town)</small>	
Date of FEMA approval of Local Plan:	23-Nov-04
Federal Tax ID Number:	03-600620

Primary Contact Information

Name:	Clarence Decker		
Title:	Selectboard		
Organization:	Town of Pawlet		
Mailing Address:	PO Box 128, School St., Pawlet, VT 05761		
Work Phone Number:	802-325-3309 X303	Alternate Phone Number:	802-325-3121
Fax Number:	802-325-6109	Email:	pawletclerk@vermontel.net

Secondary Contact Information

Name:	Keith Mason		
Title:	Selectboard		
Organization:	Town of Pawlet		
Mailing Address:	PO Box 128, School St., Pawlet, VT 05761		
Work Phone Number:	802-325-3467	Alternate Phone Number:	802-325-3309 X 301
Fax Number:	802-325-6109	Email:	pawletclerk@vermontel.net

Part 2:	Problem Description
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Location of Project:	Latitude:	N 43 ^o 21.990	Longitude:	W 73 ^o 14.128	<i>(in decimals)</i>
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Identify adjacent roads/streets and bodies of water:	West of Betts Bridge Rd., T.H. #16, on Route 153
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Required Maps:	<input checked="" type="checkbox"/>	Local General Highway Map <i>(attached)</i>
	<input checked="" type="checkbox"/>	Flood Insurance Rate Map with panel number <i>(attached)</i>

		<input checked="" type="checkbox"/>	Topographic Map (attached)		
Problem Statement: (What's Happening?)		Flash flooding washes out roads. Re-route traffic up to 13 miles for part of town plus three other towns and state of New York. Prohibits access for travelling public, school busses, fire, rescue, and police service.			
Supporting Documentation: (Attach)		<input checked="" type="checkbox"/>	Photos		
		<input checked="" type="checkbox"/>	See attached sheet (CAMP)	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	
1993	Flash Flooding	Shoulder erosion in and out. Resurface.	Road closure. Re-route bus and all emergency services	\$3,667.00	
1996	Flash Flooding	Shoulder erosion in and out. Resurface.	Road closure. Re-route bus and all emergency services	\$6,250.00	
July, 2000	Heavy Rain	Shoulder erosion in and out. Resurface.	Road closure. Re-route bus and all emergency services	\$4,197.00	
12/17/2001	Flash Flooding	Shoulder erosion in and out. Resurface.	Road closure. Re-route bus and all emergency services	\$6,000.00	
August, 2003	Heavy Rain	Shoulder erosion in and out. Resurface.	Road closure. Re-route bus and all emergency services	\$5,850.00	
April, 2005	Spring Runoff, Heavy Rain, Snow Melt	Shoulder erosion in and out. Resurface.	Road closure. Re-route bus and all emergency services	4,975.00	
Total Damage				30,939.00	

Part 3:	Project Objective	
Project Objective	Replace culvert with concrete box per hydrolic setting by state. Install 6.5' X 4.5' concrete box culvert with head walls.	
Part 4:	Analysis of Alternative Solutions	
Alternative Solutions		
Alternative Solution	Brief Title	Description of Alternative
1	Concrete Box Culvert	6.5' X 4.5' inside concrete box culvert with head walls and cut-off
2	Continue to repair after each event	Repair damage and re-route traffic
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 checked="" 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:		
Justification:		
Part 5:	Project Description	
Project Description	Repair existing metal under sized culvert with 6.5' X 4.5' box culvert and wing walls	

Expected Life of Project	100 plus years	
Supporting Documentation: (Attach)	<input checked="" type="checkbox"/>	Photos
	<input type="checkbox"/>	See attached sheet (CAMP) Engineering Studies
	<input checked="" type="checkbox"/>	Site Diagrams

Project Costs for Preferred Alternative

Item	Unit Qty.	Unit Measurement	Unit Cost	Cost Estimate
6.5' X 4.5' concrete box culvert w/fish baffles & wing walls, grout	1	6.5' X 4.5'		\$39,350.00
Excavator 215 or larger	14 hours	\$285.00/hr	\$3,800.00	\$3,800.00
Shim and overlaying asphalt		Flat Rate		\$5,000.00
Crane	16 hours		\$290.00/hr.	\$4,656.00
Culverts and bypass road and land easements for bypass				\$2,140.00
Seed, mulch				\$400.00
Gravel	90 cy		\$7.50/cy	\$675.00
Trucking & T.L.B.	16 hours		\$45.00/hr	\$1,130.00
Labor	40 hours	3 men	\$25.00/hr	\$3,000.00
		Total Project Cost Estimate		\$60,331.00

Summary of Project Costs

A	Total Project Costs	\$60,331.00
B	FEMA Share (75% of Line A)	\$45,248.25
C	Local Share (25% of Line A) Note: The sum of lines 1-3 must equal Line C	\$15,082.75
	1. Cash	\$9,877.00
	2. In-Kind Service	\$5,205.00

	3. Other	
D	Total Local Share (Equal to Line C)	\$15,082.75
E	Total Project Costs (Line B + Line D) Note: Line A and D are equal	\$60,331.00

Identify source of local non-federal match: In kind and cash

Part 6: Benefit/Cost Analysis

Estimated Project Cost	\$60,331.00	Future Maintenance costs for life of project	\$0.00
Total Cost = Project Cost + Future Maintenance		Total Cost	\$60,331.00
Total Damages	\$6,000.00	5 Years of Damage	\$30,939.00
Annualized Damages = Total Damages/Years of record		Annualized Damages	
Annualized Damages		Expected Life of Project	100 years plus
Anticipated Damages without project over time = Annualized damages* Expected life of project		Anticipated Damage without Project (Anticipated Loss or Benefit)	\$30,939.00
Benefit/Cost Ratio = Anticipated Loss or Benefit /Total Cost		Benefit/Cost Ratio	1.42


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
Install 6.5' X 4.5" Box culvert and head walls	5
Install bypass	2
Gravel, seed, mulch	3
Crane	2
Trucking & T.L.B.	2.5

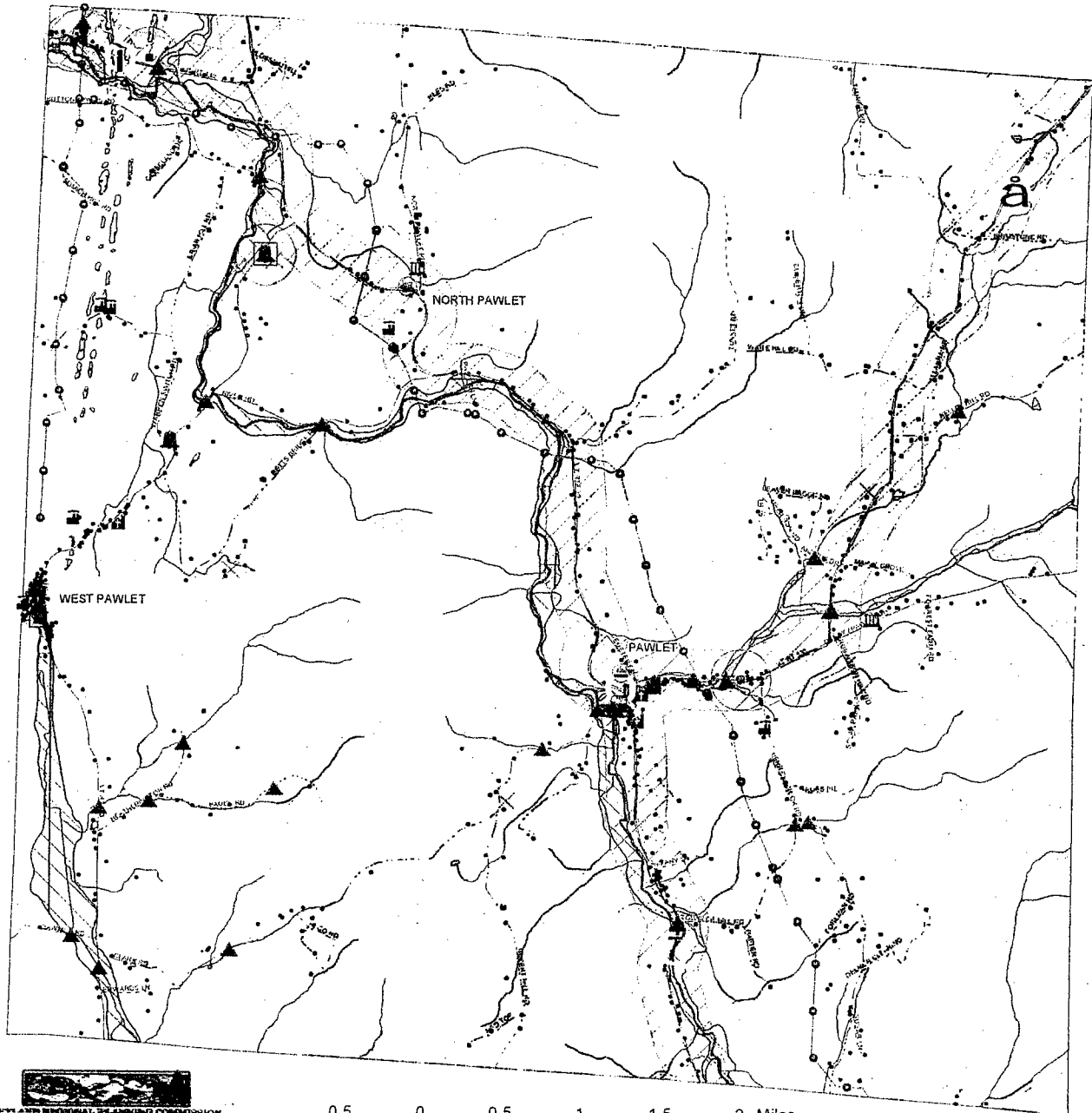
Labor	5 X 3 men

Part 8:	Technical Confirmation	
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) <i>(attached)</i>

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.		
		30-Mar-09
<i>Authorized Agent's Signature Clarence Decker</i>		<i>Date</i>

PAWLET

Hazard Analysis

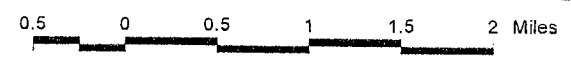


LEGEND

- EOC Facility
- Shelter
- × Dry Hydrant
- × Medivac Landing Site
- Tier 2 Facility (5 Sites)
- Buildings (806 Sites)
- Critical Facilities (53 Sites)
 - ▲ Bridge
 - ▤ Government
 - ✛ Church
 - Ⓜ School
 - Ⓜ Cultural
 - Ⓜ Fire Station
 - Ⓜ Industrial
- Dams
 - High
 - ▣ Significant
 - ▣ Low
 - ▣ Not Rated
- Roads
 - ▤ Class 2
 - ▤ Class 3
 - ▤ Class 4
 - ▤ Private Road
 - ▤ State Highway
 - Power Lines
 - ▣ Town Boundary
 - ▤ Surface Waters
 - ▤ Surface Waters
 - ▣ Floodplain
 - ▣ Road Buffer (500 ft)
 - ▣ Contours
 - ▣ Tier 2 Buffer (1000 ft)



February 2004 C:\Jama\Tier2



NOTES: This map is for planning purposes only.
 Data Sources Include: VCGI, VTRANS, VT
 Emergency Mangement and VT E911 Program.

PAWLET

Areas of Local Concern



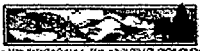
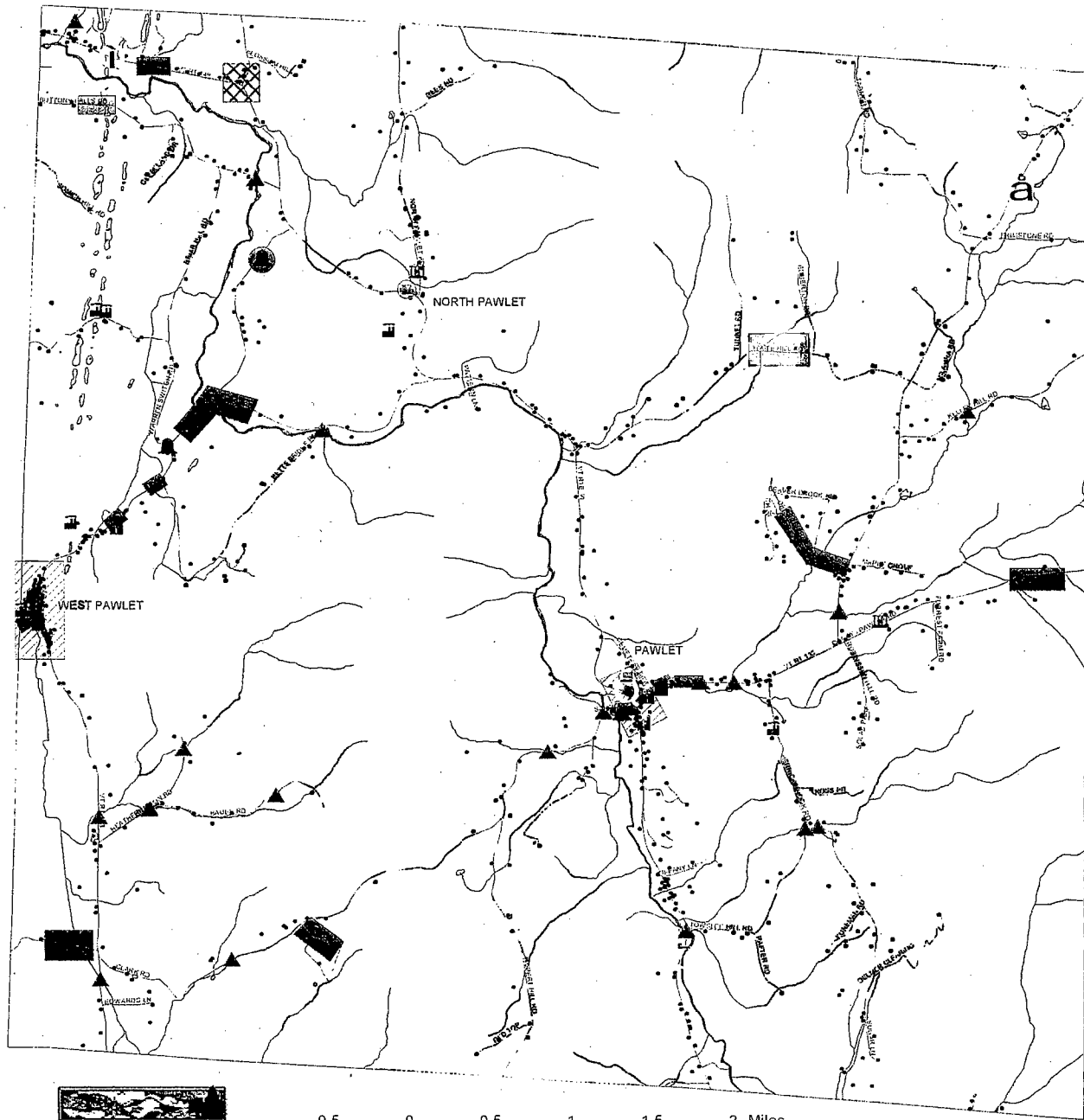
LEGEND

- Buildings (806 Sites)
- Critical Facilities (53 Sites)

- ▲ Bridge
- ⌘ Government
- ⌘ Church
- ⌘ School
- ⌘ Cultural
- ⌘ Fire Station
- ⌘ Industrial

Areas of Local Concern

- ▨ Vulnerable Population
- ▨ Fire Risk
- ▨ Roads Susceptible to Closure
- ▨ High Accident Rate
- ▨ Flooding Issues
- ▨ Erosion Issues
- ~ Surface Waters
- ~ Surface Waters
- ▨ Surface Waters
- ▭ Town Boundary



February 2004 C:\Jama\Tier2








0.5 0 0.5 1 1.5 2 Miles

NOTES: This map is for planning purposes only.
 Data Sources Include: VCGI, VTRANS, VT
 Emergency Mangement and VT E911 Program.
 The Areas of Local Concern were delineated out by
 local officials and citizens.

PAWLET

Town Map



-  Bridge
-  Buildings
-  Roads
-  Town Boundary
-  Surface Waters
-  Surface Waters
-  Contours

NOTES: This map is for planning purposes only.
Data Sources Include: VCGI, VTRANS and VT
E911 Program.

0.5 0 0.5 1 1.5 2 Miles



February 2004 C:\JamiTier2



FEMA

NOV 23 2004

Tara Kelly
Regional Planner II
Rutland Regional Planning Commission
The Opera House
P.O. Box 965
Rutland, VT 05702

Dear Ms. Kelly:

Thank you for the opportunity to review the Rutland Region Pre-Disaster Mitigation Plan. The Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA) Region I has evaluated the plan for compliance with the interim final rule published in the Federal Register on February 26, 2002 (44 CFR Parts 201 and 206). We have determined that the plan satisfactorily meets all of the mandatory requirements set forth by the aforementioned regulations. Congratulations on this achievement!

The twenty-seven communities of the Rutland region included in the plan that are members of the National Flood Insurance Program (NFIP) are eligible to apply for mitigation project grants under the Pre-Disaster Mitigation Competitive Program (PDM-C) and Hazard Mitigation Grant Program (HMGP), both administered by FEMA. Please note that requests for mitigation funding will be evaluated individually according to the specific eligibility and requirements of each of these programs. Furthermore, it is important to understand that a specific mitigation activity or project identified in your region's plan may not meet the eligibility requirements for FEMA funding, and even eligible mitigation activities are not automatically approved for FEMA funding under the programs referenced above.

The Rutland Region Pre-Disaster Mitigation Plan must be reviewed, revised as appropriate, and resubmitted to FEMA for approval within five years in order to maintain the eligibility to apply for PDM-C and HMGP project grants. Over the next five years, we encourage the communities of the Rutland region to continue updating the plan's assessment of vulnerability, adhere to its maintenance schedule, and begin implementing, when possible, the mitigation actions proposed in the plan.

Once again, thank you for your continued dedication to public service demonstrated by preparing and adopting a strategy for reducing future disaster losses. Should you have any questions, please do not hesitate to contact Steve Colman at (617) 832-4731 or Candice Tanner at (617) 832-4766.

Sincerely,

A handwritten signature in black ink, appearing to read "Kenneth L. Horak".

Kenneth L. Horak
Acting Regional Director

Cc: Ross Nagy, Vermont Emergency Management Agency
Ray Doherty, Vermont Emergency Management Agency

CERTIFICATE OF ADOPTION

Town of Pawlet
Selectboard
A Resolution Adopting the Pre-Disaster Mitigation Plan
October 12th, 2004

WHEREAS, the Town of Pawlet has worked with the Rutland Regional Planning Commission to identify hazards, analyze past and potential future losses due to natural and human-caused disasters, and identify strategies for mitigating future losses; and

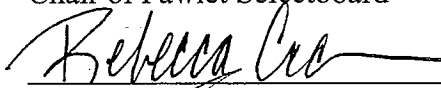
WHEREAS, the Pawlet Pre-Disaster Mitigation Plan (Annex O of the Rutland Region Pre-Disaster Mitigation Plan) contains several potential future projects to mitigate damage from disasters with the potential to occur in the Town of Pawlet; and

WHEREAS, a duly-noticed public meeting was held by the Pawlet Selectboard on October 12, 2004 to formally approve and adopt the Pawlet Pre-Disaster Mitigation Plan as an annex to the Rutland Region Pre-Disaster Mitigation Plan.

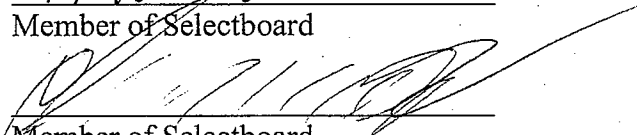
NOW, THEREFORE BE IT RESOLVED that the Pawlet Selectboard adopts Annex O and the associated Rutland Region Pre-Disaster Mitigation Plan.



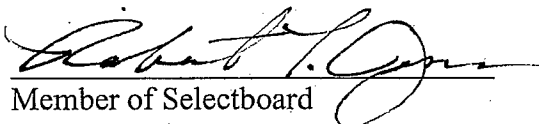
Chair of Pawlet Selectboard



Member of Selectboard




Member of Selectboard



Member of Selectboard

Member of Selectboard

ATTEST



Pawlet Town Clerk

FEMA**Benefit-Cost Analysis of Hazard Mitigation Projects****LIMITED DATA MODULE**

Version 5.2.3

May 2, 2006

Report of Benefit-Cost Analysis

Project	Rt 153 Culvert Upgrade- pro
Address	
City, State, Zip	
County	town of Pawlet
Applicant	town of Pawlet
Contact Person	Clarence Decker
Analysis Date	3-26-09
Analyst	Ray Doherty- VEM
Scenario Run ID	
File Save As Name	BCA- HMGP- Pawlet #1 FY (
Disaster Number	DR 1790
DSR Number	

FEMA Disclaimer:

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

LIMITED DATA MODULE Benefit-Cost Analysis of Flood Mitigation Projects	Page 1
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PROJECT INFORMATION

Disaster Number	DR 1790	Project	Rt 153 Culvert Upgrade- project #1
DSR Number		Address	
DSR Category		City, State, Zip	
DSR Subject		County	Rutland
Inspection Date		Applicant	town of Pawlet
Application Date	3-31-09	Contact Person	Clarence Decker
Analysis Date	3-26-09	Scenario Run ID	
Analyst	Ray Doherty- VEM	File Save As Name	BCA- HMGP- Pawlet #1 FY 09

PROJECT DATA

Culvert upgrade on VT Route 153, west of town hwy 16- Betts Brook Road

Project Useful Life (Years)	100
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	14.27
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Net Mitigation Project Cost:	\$60,331
Notes:	

Additional Annual Maintenance Cost (\$/year) for Mitigation Project	\$125
Present Value of Additional Annual Maintenance Cost (\$)	\$1,784
TOTAL MITIGATION PROJECT COST	\$62,115

TYPE OF FACILITY (for Loss of Function)	ROADS/BRIDGES
--	---------------

FACILITY DESCRIPTION	culvert project
----------------------	-----------------

Loss of Function for Roads/Bridges	
Estimated Number of One-Way Traffic Trips Per day	600
Estimated Delay (Detour) Time Per One Way Trip (hours)	0.75

Total Economic Loss Per Hour of Delay: Ordinary, commercial, and emergency traffic	\$32.23
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Economic Loss Per Day of Loss of Function of Bridge or Road	\$14,504
---	----------

FLOOD HISTORY

Estimated Frequency of Declared Flood Event (Years)	2
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Data Sources and Documentation

Town of Pawlet ANR and VEM records	
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LIMITED DATA MODULE
Benefit-Cost Analysis of Flood Mitigation Projects Page 2

DAMAGES BEFORE MITIGATION

Flood Frequency Events (Years)	Scenario Flood Damages			Loss of Function Time and Dollars		TOTAL Damages and Losses
	road repairs	B	C	Days	Losses	
1					\$0	\$0
2					\$0	\$0
5	\$11,225			3.00	\$43,511	\$54,736
10	\$16,047			3.00	\$43,511	\$59,558
25	\$18,382			5.00	\$72,518	\$90,900
50					\$0	\$90,900
100					\$0	\$90,900
250					\$0	\$90,900
500					\$0	\$90,900
Total Annualized Damages						\$13,530

Data Sources and Documentation

town of Pawlet- highway department

DAMAGES AFTER MITIGATION

Flood Frequency Events (Years)	Scenario Flood Damages			Loss of Function Time and Dollars		TOTAL Damages and Losses
	road repairs	B	C	Days	Losses	
1	\$100			0.50	\$7,352	\$7,352
2					\$0	\$7,352
5					\$0	\$7,352
10					\$0	\$7,352
25					\$0	\$7,352
50					\$0	\$7,352
100					\$0	\$7,352
250					\$0	\$7,352
500					\$0	\$7,352
Total Annualized Damages						\$7,352

Data Sources and Documentation

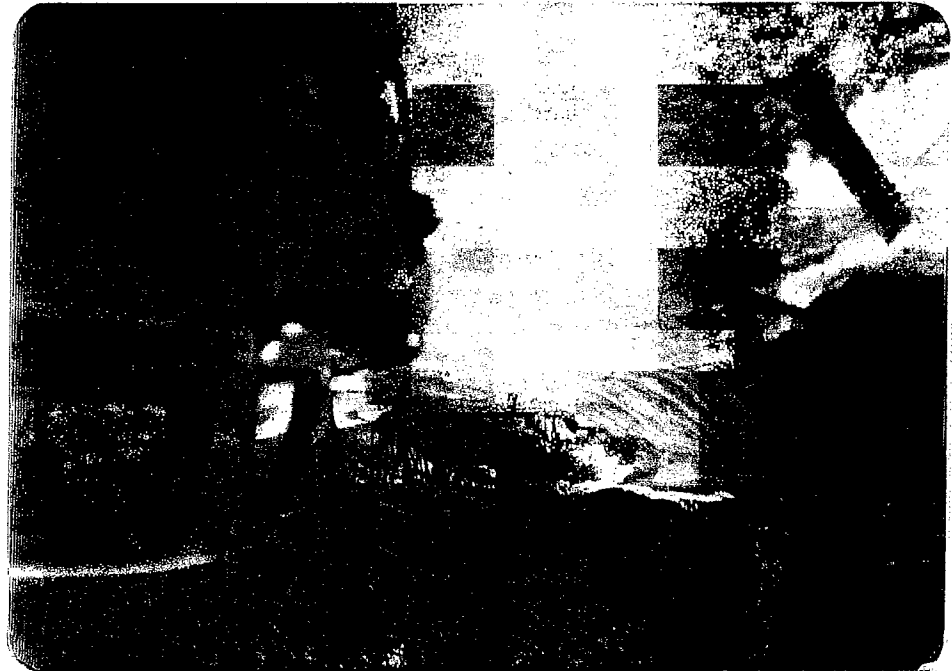
SUMMARY OF BENEFITS AND COSTS

Expected Annual Damages Before Mitigation	Expected Annual	Present Value
Expected Annual Damages After Mitigation	\$13,530	\$193,065
Expected Avoided Damages After Mitigation (BENEFITS)	\$7,352	\$104,904
	\$6,178	\$88,161
PROJECT COSTS	\$62,115	
PROJECT BENEFITS	\$88,161	
BENEFITS MINUS COSTS	\$26,046	
BENEFIT-COST RATIO	1.42	

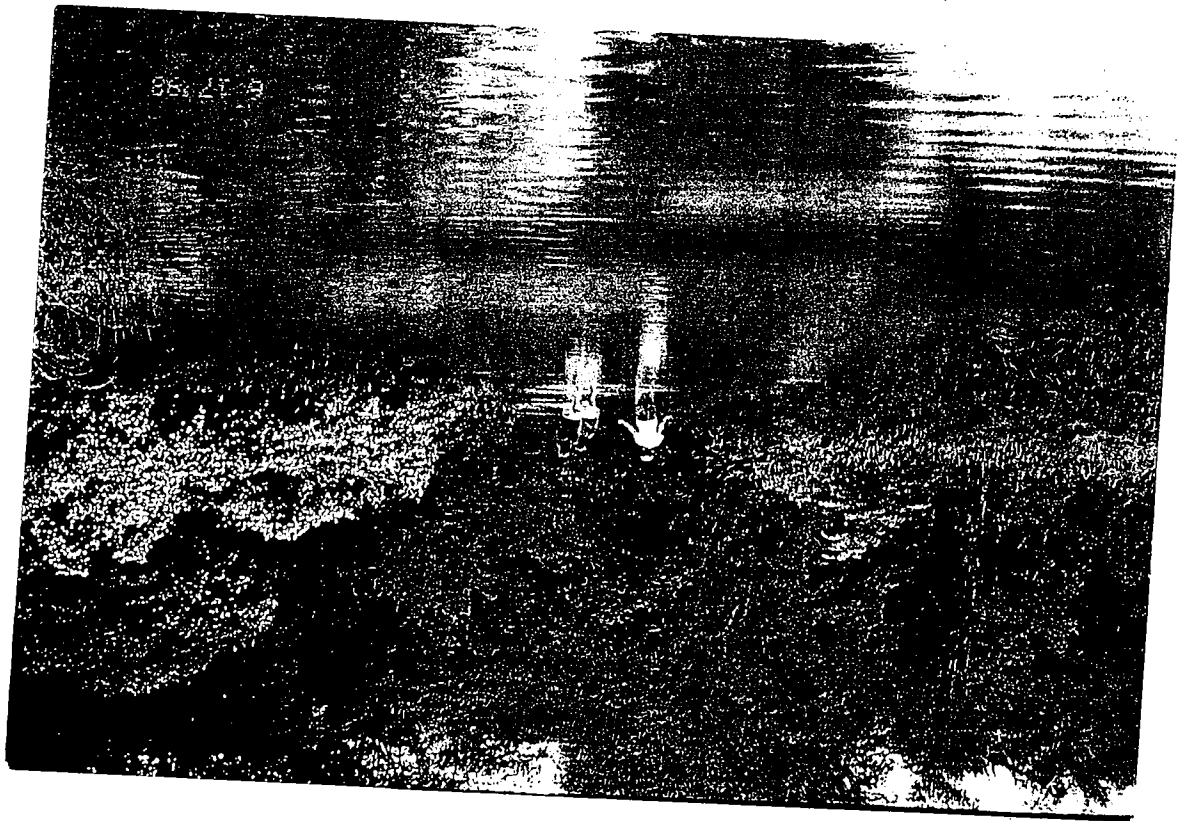
Data Sources and Documentation

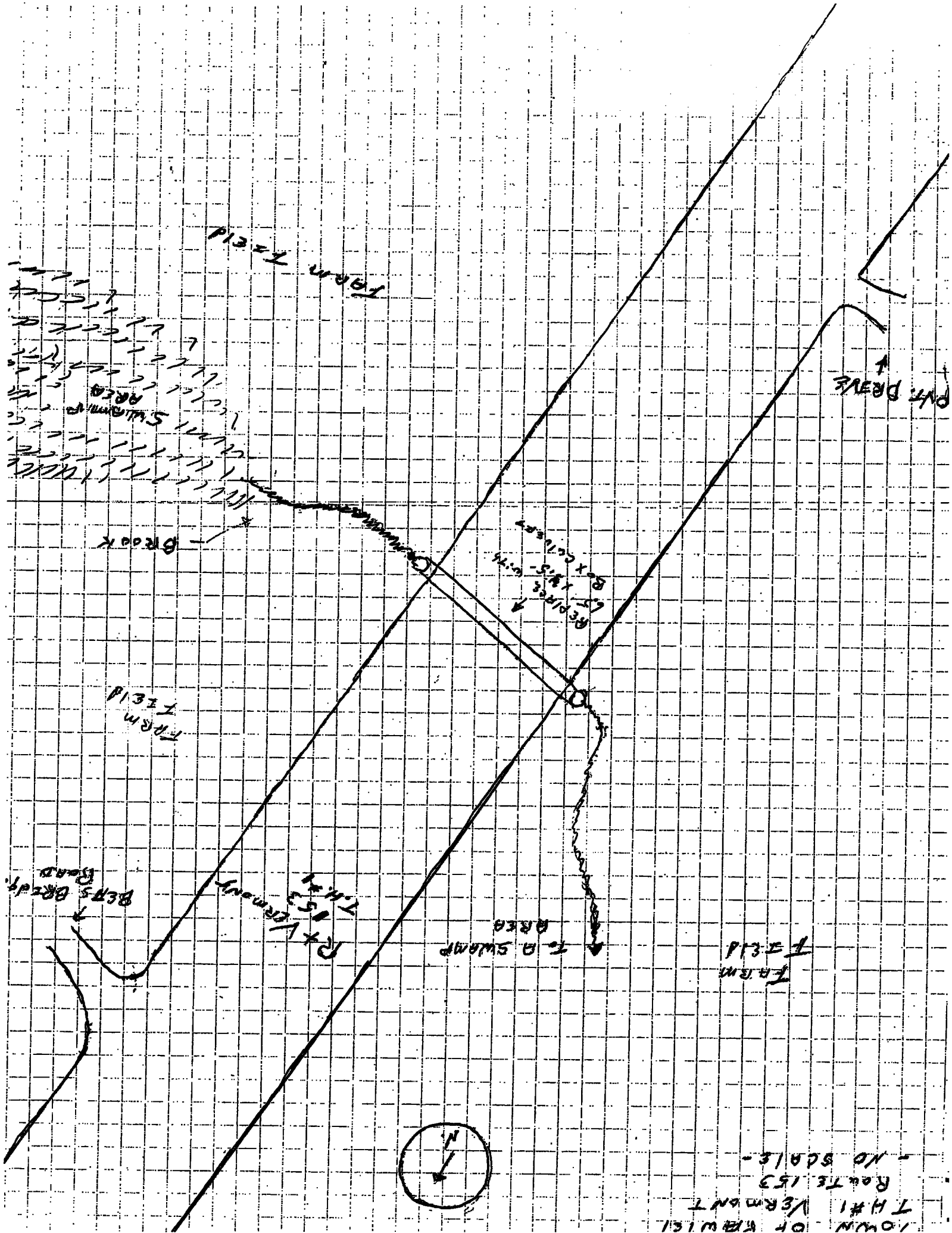
Vermont Emergency Management
 Town of Pawlet- highway department and town records

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.

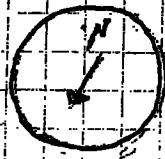




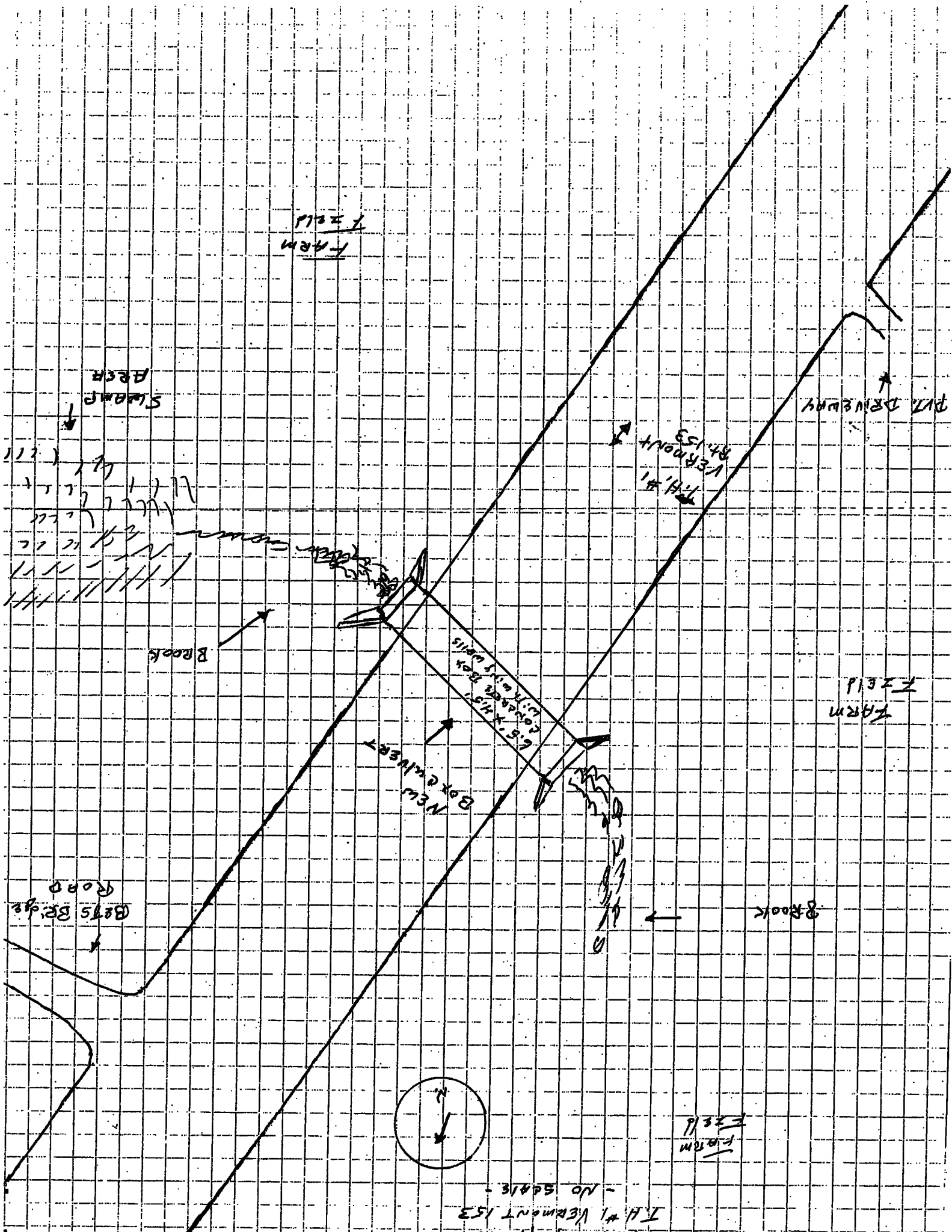




Farm Field
 Brook
 Replic with
 Box cell tower
 To a Swamp
 Area
 Farm Field
 Bays Bridge
 Farm Field
 PMT DRIVE
 Town of Vermont
 Route 153
 NO SCALE



Town of Vermont
 Route 153
 NO SCALE



FARM FIELD

STAMP BRUSH

PVT. DRIVEWAY

TOWN OF WINDHAM VERMONT 153

NEW BRIDGE ROAD

BROOK

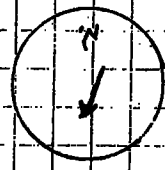
FARM FIELD

6.5 x 11.5 Box

NEW BRIDGE

NEW BRIDGE ROAD

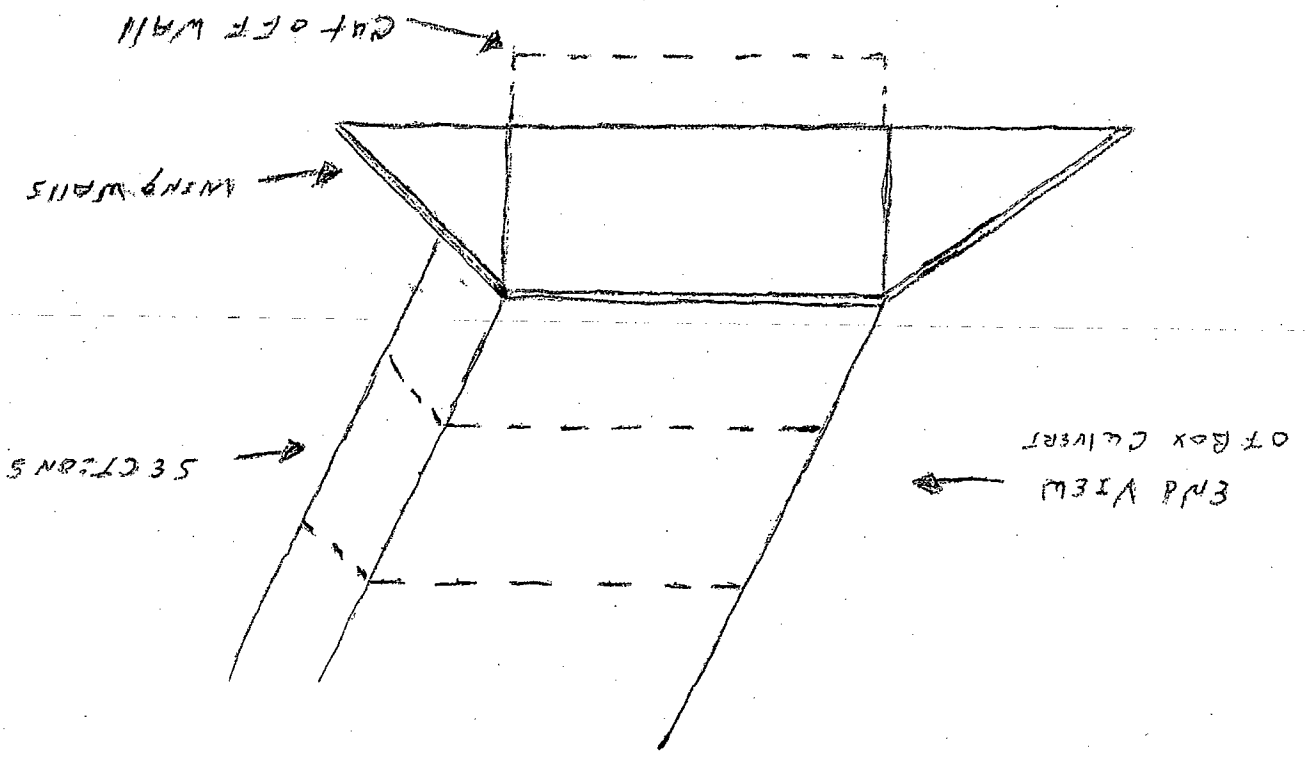
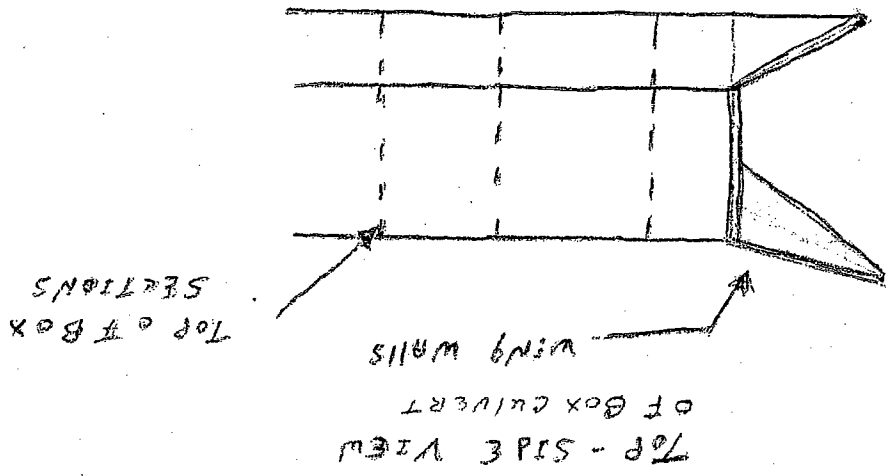
BROOK

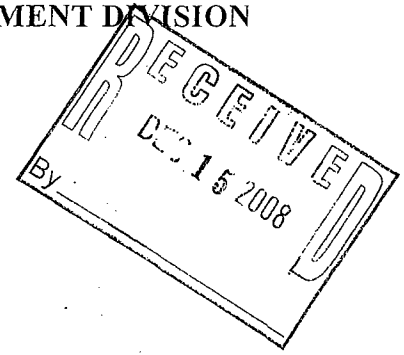


FARM FIELD

TOWN OF WINDHAM VERMONT 153

TOWN OF FRWLET
 PRECAST-REINFORCED BOX CULVERT - NO SCALE -



HYDRAULICS UNIT**TO:** Marge Skinner, District Technician, District 1**FROM:** Leslie Russell, P.E., Hydraulics Project Engineer *LR***DATE:** 11 December 2008**SUBJECT:** Pawlet VT 153 – just west of TH 16 (Betts Brook Road) – over unnamed brook

We have completed our preliminary hydraulic study for the above referenced site, and offer the following information for your use.

Hydrology

This site has a hilly to mountainous drainage basin. It is mostly forested with some clearings and wetlands. The total contributing drainage area is about 0.7 sq. mi. There is an overall length of 8,530' from the divide to the site, with an 610' drop in elevation, giving an average slope of 7.2%. Slope at the site is estimated to be approximately 2%. Using several hydrologic methods, we determined the following design flow rates:

<u>Recurrence Interval in Years</u>	<u>Flow Rate in Cubic Feet per Second (CFS)</u>
Q2.33	40
Q10	95
Q25	125
Q50	150 - State Highway Design Flow
Q100	170 - Check flow

Existing Structure

The existing 3' diameter corrugated metal pipe provides a waterway opening of about 7.1 sq. ft. Our calculations show this structure to be hydraulically inadequate. Water overtops the roadway below the Q10 flow and this structure does not meet hydraulic design criteria.

There is a small wetland upstream from the inlet and a very large scour pool at the outlet. On the day of the site visit, the scour pool was between 2' and 3' deep. There is drop from the outlet into the scour pool.

There is little cover at this site which limits the replacement options.

Recommendations

In sizing a new structure we attempted to select structures that meet the hydraulic standards, fit the natural channel width, the roadway grade and other site conditions. Based on these considerations the following would best fit the site:



Precast Concrete Products Inc. 78 Precast Rd, Milton, VT 05468 802-893-2401 Fax: 802-893-1542

JOB ESTIMATE

TO: Town Of Pawlet PHONE: 325-3309 *303 DATE: 2/26/09
 ATTN: Clarence Decker FAX: 325-6109
 PO BOX 128 JOB NAME: Rt. 153, TH#1
 Pawlet, VT

JOB ESTIMATE:

Precast Reinforced Box Culvert

6.5' Span x 4.5' Rise x 45 LF Precast Reinforced Concrete Box Culvert includes:
 6,000 PSI strength Concrete, HS-25 load rating assuming 0'-2' of earth cover.

Precast Reinforced Box Section's will consist of the following:

- (6) 7'-6" Long sections that weight approximately (11) tons each.
- (4) 8'-0" Long Precast Reinforced Tapered Wingwalls with 12" Thick Cantilever Footings.
- (32) LF of Separate Footings for Precast Wingwalls.
- (2) 7'-6" long x 18" wide x 36" high Precast Cutoff Walls
- (1) 1'-6" High x 7'-6" long x 16" Wide Precast Reinforced Header on Inlet.
- (1) 2'-0" High x 7'-6" Long x 7.34' Long Precast Reinforced Header on Outlet.

Camp Precast will supply stamped engineered design computations for engineer's approval.

Total \$36,950.00

Add Fish Baffle 2100.00
 & 16' Grout 300.00

Note- Price includes delivery of box culverts and related sections to Pawlet, Vermont on flatbed trailers only. Crane service will be provided by others! Camp Precast will supply personnel for (1) day to assist assembly of precast sections. 37950.00

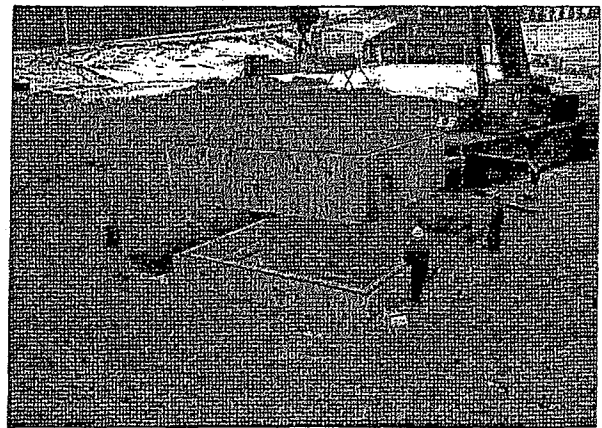
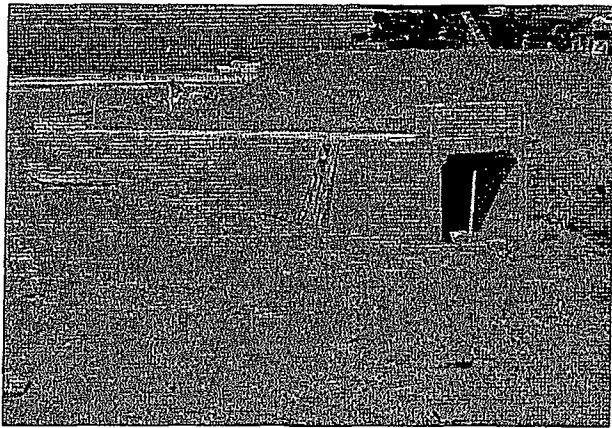
Exclusions: Crane service, fish baffles, guardrail posts and all related items for guardrail connections, grouting, sheet membrane waterproofing if required, compaction, site excavation, backfill, de-watering, are to be provided by others!

ESTIMATED: Mark Pfenning

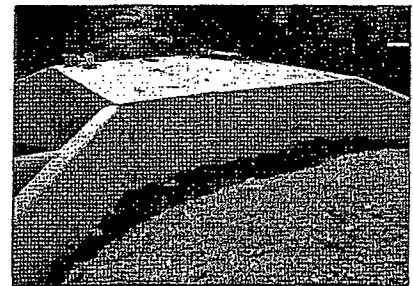
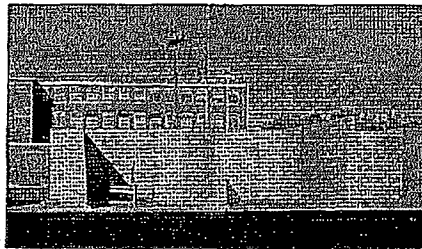
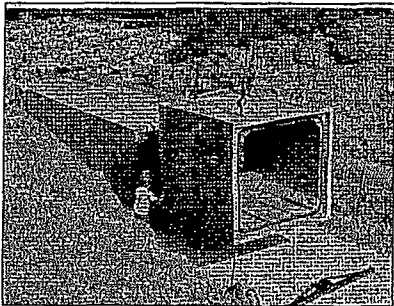
This estimate is for completing the job as described above. It is based on our evaluation and does not include material price increases or additional labor and materials which may be required should unforeseen problems or adverse weather conditions arise after the work has started. The price of a pumpstation does not include any electrical wiring. All prices are plus sales tax and F.O.B. jobsite unless otherwise stated. Prices of tanks and pumpstations are set in a properly prepared hole at our discretion unless otherwise stated. Any item not specifically mentioned in this quote is not included and was not intended to be included. Quote Valid for 30 days.



Camp Precast Has A Wide Range of Products & Services

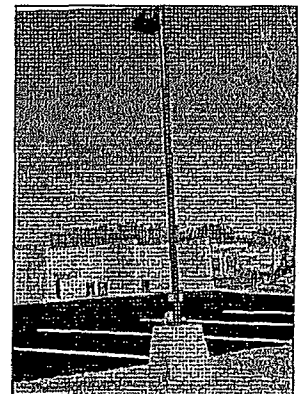
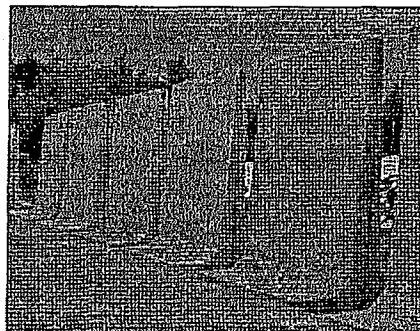
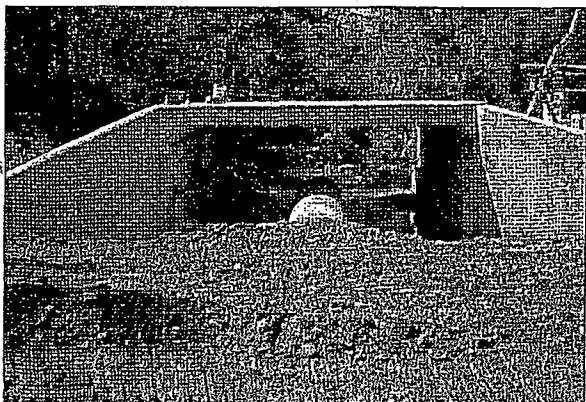


Box Culverts, Three Sided Bridges, Utility Storage & Storm Water Detention Tanks



Manholes, Catch Basins, Electrical Vaults & Light Pole Bases

Camp Precast provides employment to a work force of approximately 40 taxpayers in the State of Vermont



- Core Drilling
- Pump Stations

- Crane Service
- Distribution Boxes

- Septic Tanks
- Dosing Chambers



CAMP PRECAST CONCRETE PRODUCTS

78 Precast Rd. , Milton, VT 05468 PH (802) 893.2401 Fax (802) 893.1542 Toll Free (888) 299.2401

Field Services:

- Vacuum Testing
- Core Drilling
- On-Site Wastewater Maintenance:
 - Pump Station Service
 - Effluent Pumps
 - Advance Wastewater Treatment Systems
- Crane Service

Engineered Products:

- Packaged Commercial Pump Stations
- Precast Box Culverts
- 3-Sided Bridge
- Septic Tanks to 10,000 Gallons
- Grease Traps
- Grit/Oil Separator
- Stormwater Treatment Structures
- VT AOT Structures
- Manholes to 10' Diameter
- Light Pole Bases
- Electrical Vaults for:
 - CVPS
 - Burlington Electric
 - Washington Electric
 - Green Mtn. Power
 - Septic floats & alarms
- Dosing & Siphon Chambers
- Cast Iron frames, grates and covers
- Grade rings
- Utility Trench
- Presby Wastewater Treatment System
- Environment 21-Stormwater Treatment System

Agricultural Products:

- Silage Leachate Collection Structures
- Bunk Silo
- Manure Hoppers
- Milk house waste pump stations
- Waffle panel
- Tank Dike/Secondary containment structure

Residential Products:

- Effluent Pump stations
- Innovative/Alternative Wastewater Systems
- Septic Tanks
- "D" Boxes
- Basement entry stairs & Bilco hatches
- Effluent pumps and filters
- Precast steps
- Drywells/Leaching Basins
- Well tile
- Waste/Rip Rap Blocks
- Splash Box
- Carbon-Charcoal filters

Septic Tanks:

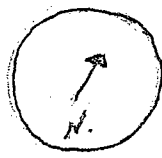
- Sizes: 500-3,500 gallon
- (Standard, Low, Ledge profiles, 1 & 2 Compartment)
- Risers & Lids
- H-20 loading available
- Various component parts

Related Products:

- PVC pipe and fittings
- Parking Curbs
- Flout Tanks
- Control panels & junction boxes
- Hatches
- Polylok Products
- Orenco Products
- Gould, Hydromatic, & Flygt pumps



TOWN OF FAWCETT
T.H.#1 VERMONT
ROUTE 153
- NO SCALE -



FARM FIELD

TO A SWAMP AREA

Rt VERMONT
#153
T.H.#1

BETS BRIDGE ROAD

FARM FIELD

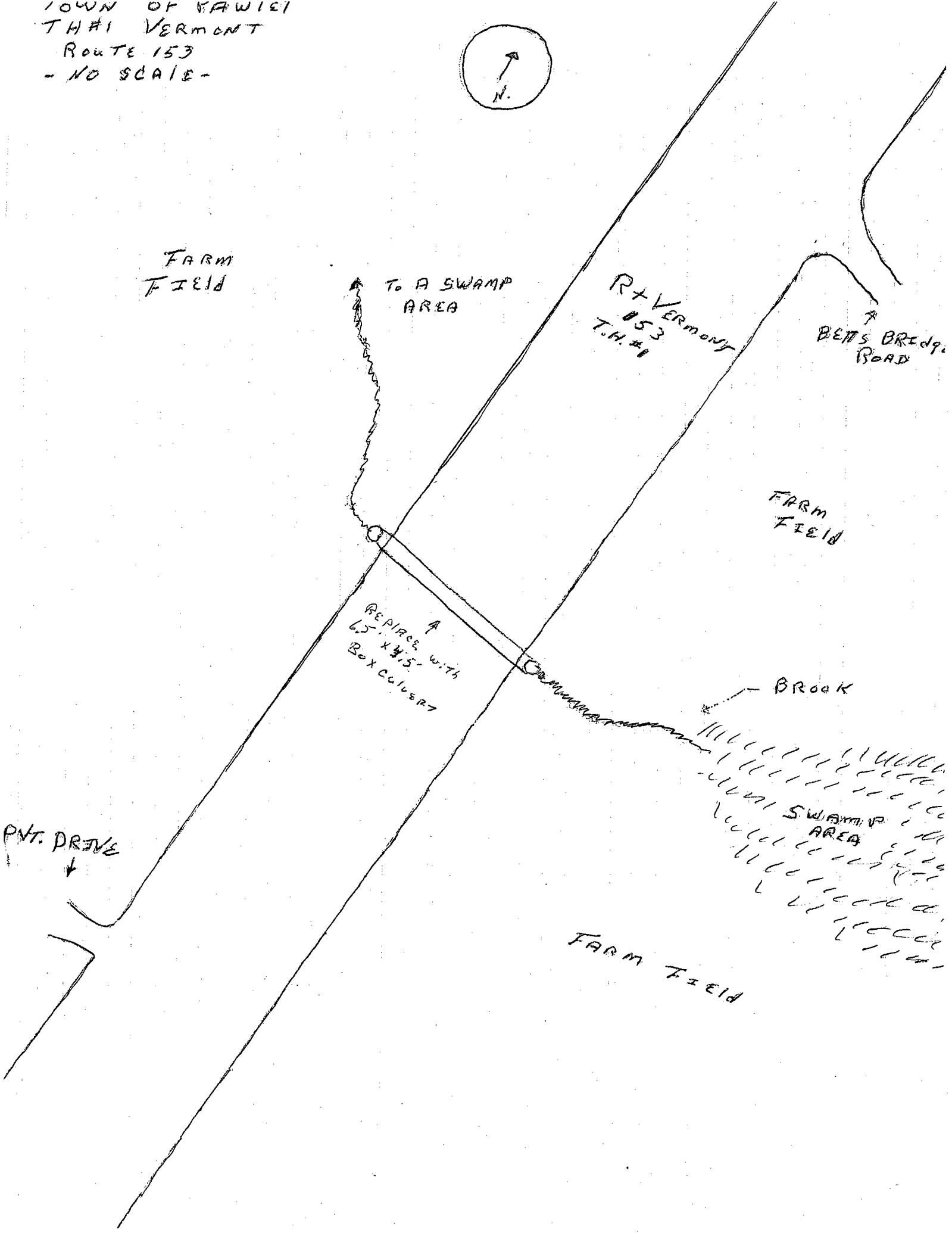
REPLACE WITH
6.5' x 3.5'
BOX CULVERT

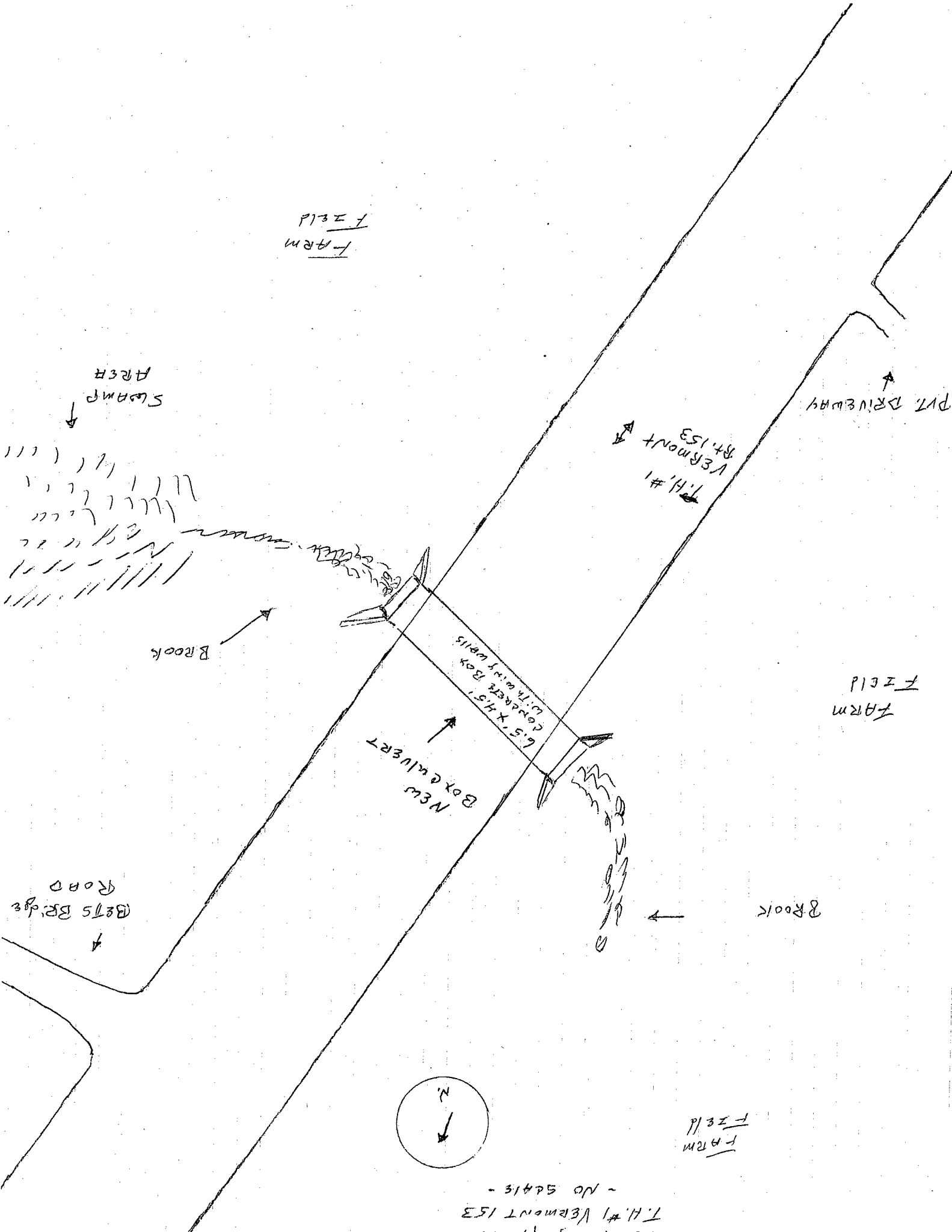
BROOK

SWAMP AREA

FARM FIELD

PVT. DRIVE





FARM FIELD

SWAMP AREA

PVT DRIVEWAY

T.H.#1 VERMONT Rt. 153

FARM FIELD

Brook

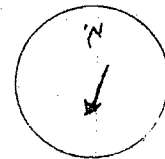
6.5' x 15' concrete box with 20' high walls

New Box Culvert

Brook

BETS BRIDGE ROAD

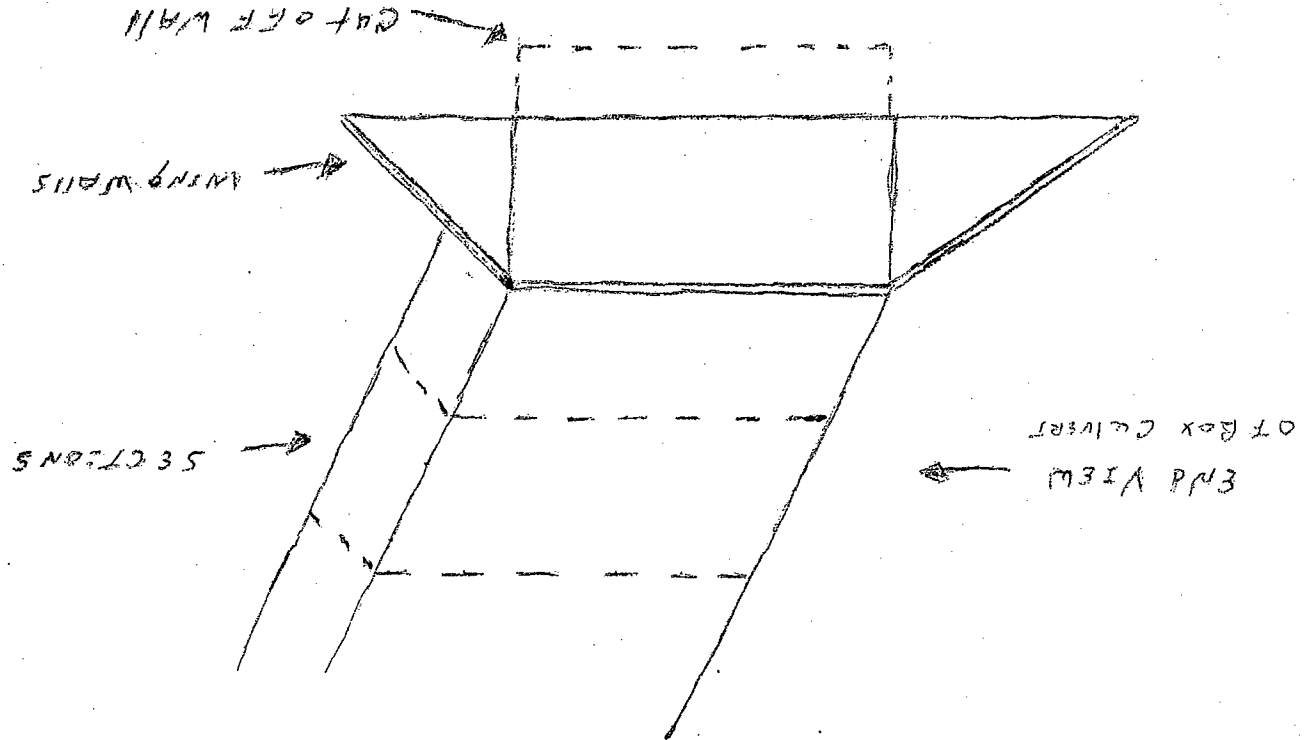
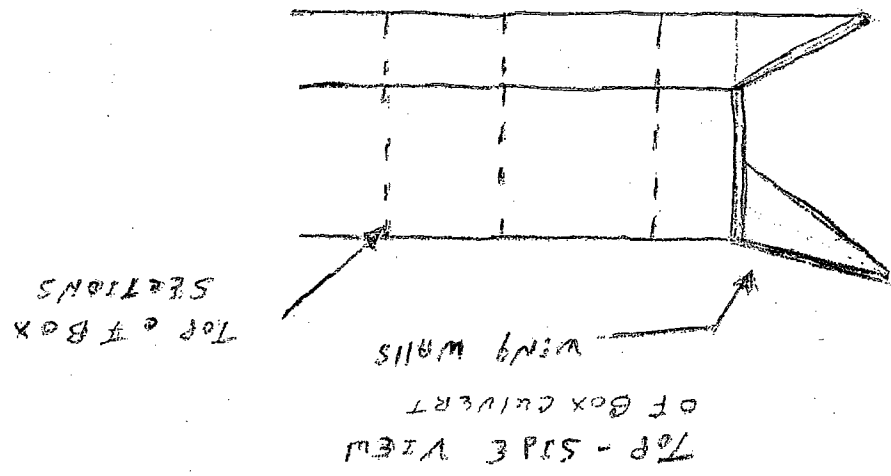
FARM FIELD



TOWN OF VERMONT
T.H.#1 VERMONT 153
- NO 54413 -

PRECAST-REINFORCED BOX CULVERT - NO SCALE -

TOWN OF FAWLET



- A concrete box with a 6' wide by 4' high inside opening, which has a waterway area, of 24 sq. ft., that results in a headwater depth at Q50 = 4.6' and at Q100 = 5.1'.
- Other structures with a minimum span of 6' and at least 24 sq. ft. of waterway area that fit the site could be considered.

General Comments

If a new box is installed, we recommend it have full headwalls at the inlet and outlet. The headwalls should extend at least four feet below the channel bottom, or to ledge, to act as cutoff walls and prevent undermining.

It is always desirable for any new structure to have flared wingwalls at the inlet and outlet, to smoothly transition flow through the structure, and to protect the structure and roadway approaches from erosion. The wingwalls should match into the channel banks. Any new structure should be properly aligned with the channel.

Stone Fill, Type II should be used to protect any disturbed channel banks or roadway slopes at the structure's inlet and outlet, up to a height of at least one-foot above the top of the opening. The stone fill should not constrict the channel or structure opening.

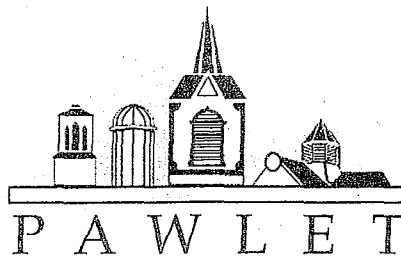
The Agency of Natural Resources (ANR), Corps of Engineers or other permitting agency may have additional concerns regarding replacement of this structure, or any channel work. The Stream Alteration Engineer should be contacted with respect to those concerns before ordering a new structure. If a natural bottom is required, the structure size should be increased to allow for a buried invert while providing the same waterway opening. The buried invert will allow for natural stream bed material to fill in the bottom of the structure.

Please keep in mind that while a site visit was made, these recommendations were made without the benefit of a survey and are based on limited information. The final decision regarding the replacement of this structure should take into consideration matching the natural channel conditions, the roadway grade, environmental concerns, safety, and other requirements of the site.

Please contact us if you have any questions or if we may be of further assistance.

LGR

cc: Chris Brunelle, A.N.R. Stream Alteration Engineer - 801-779-5631 - 801-779-5228
Hydraulics Project File via NJW
Hydraulics Chrono File



February 25, 2009

State of Vermont – HMGP
Attention: Ray Doherty –
State Hazard Mitigation Officer

Letter of Intent

The Town of Pawlet, State of Vermont is intending to apply for the H.M.G.P. on two (2) locations.

#1 – Being a three (3) foot culvert that is not large enough to accept the water discharge that it is required to do during flash floods and spring run-offs. Install a 6.5' X 4.5' concrete structure with wing walls.

The water tops a major highway that links the two (2) sides of our town together. It also links the Town of Pawlet with the towns of Rupert, Vermont and the towns of Hebron and Granville in New York.

The U.D. #47 school for the towns of Rupert and Pawlet have to transport children through this area of Route 153 (T.H. #1), also this adds to the response time for the West Pawlet and Pawlet Fire Departments, police, and rescue squads as well. The cost per event is about \$6,000.00.

When the flooding occurs, traffic has to be detoured about 13 miles. This is not only an inconvenience for the local residents, but it is a real concern of fire, police, rescue and school busses.

#2 – T.H. #12 is a flash flood problem similar to #1. When we receive heavy rains, the roadway is washed out. This town highway is also a school bus route.

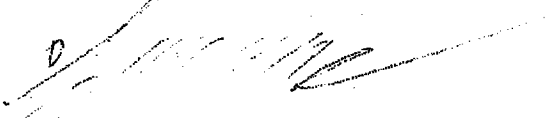
When this road is washed out it isolates a working farm from being able to receive their necessary materials essential to the operation of the farm. It also prohibits the ability to ship their milk product. The cost per event is about \$1,126.00.

This class 3 road also links the town of Wells, Vermont with the town of Pawlet. This also impacts 12 residents from fire, rescue, police and school bus pick-up. The present culvert is 30". We will replace this with a 4' X 34' oval aluminized steel culvert.

Job #1 – Approximate cost of a 6.5' X 4.5' concrete box culvert with head walls and installation of the same = \$59,725.00

Job #2 – Approximate cost of 4' X 34' oval aluminized steel culvert with head walls and installation of same = \$4,290.60

Prepared By:



Clarence Decker
Selectman, Town of Pawlet

COPY

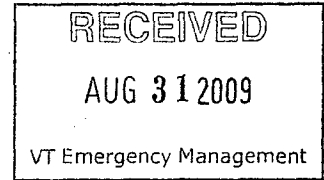
U.S. Department of Homeland Security
Region I
99 High Street, Sixth Floor
Boston, MA 02110-2132



FEMA

August 26, 2009

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



SUBJECT: FEMA-DR-1778-VT
Hazard Mitigation Grant Program Project #2R
Tadmer Road Drainage Project, Town of Pawlet, 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:

1778-2R	Town of Pawlet Tadmer Road Drainage Project	\$ 52,361
	Total:	\$ 52,361

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
Kevin M. Merli, Director
Mitigation Division

Attachment

HAZARD MITIGATION GRANT PROGRAM

Allocation Request

Disaster Number : 1778

Allocation Number : 0

IFMIS Status : Accept

IFMIS Date :08/25/2009

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
1 - R	0	1	2009	\$45,248	\$0	\$0	\$45,248	\$45,248	\$45,248	\$0
2 - R	0	3	2009	\$52,361	\$0	\$0	\$52,361	\$52,361	\$52,361	\$0
TOTALS				\$97,609	\$	\$0	\$97,609			

Comments

Date: 08 / 25 / 2009 User Id: JMALONE2

Comment: allocation of \$97,609 approved

Date: 08 / 25 / 2009 User Id: KTIRRELL

Comment: allocation of \$97,609 approved

Authorization

Preparer Name : JUDITH MALONEY

Preparation Date : 08/25/2009

HMO Authorization Name : KERRI ANN TIRRELL

HMO Authorization Date : 08/25/2009

Allocation Request with Signature

Disaster Number : 1778 Allocation Number : 0 IFMIS Status : Accept IFMIS Date : 08/25/2009

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
1 - R	0	1	2009	\$45,248	\$0	\$0	\$45,248	\$45,248	\$45,248	\$0
2 - R	0	3	2009	\$52,361	\$0	\$0	\$52,361	\$52,361	\$52,361	\$0
TOTALS				\$97,609	\$	\$0	\$97,609			

Comments

Date: 08 / 25 / 2009 User Id: JMALONE2

Comment: allocation of \$97,609 approved

Date: 08 / 25 / 2009 User Id: KTIRRELL

Comment: allocation of \$97,609 approved

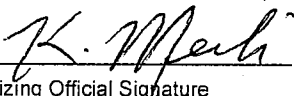
Authorization

Preparer Name : JUDITH MALONEY

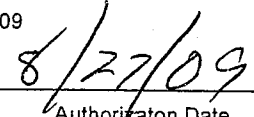
Preparation Date : 08/25/2009

HMO Authorization Name : KERRI ANN TIRRELL

HMO Authorization Date : 08/25/2009







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
1778	2-R	0	3	1	1	VT	Statewide

Subgrantee: Pawlet (Town of)

Project Title : Tadmer Rd. Drainage Project, Pawlet, VT

Subgrantee FIPS Code: 021-54250

Total Amount Previously Allocated	Total Amount Previously Obligated	Total Amount Pending Obligation	Total Amount Available for New Obligation
\$52,361	\$52,361	\$0	\$0

Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Obligation	IFMIS Date	IFMIS Status	FY
\$52,361	\$0	\$0	\$52,361	08/26/2009	Accept	2009

Comments

Date: 08/26/2009 User Id: SBELL7

Comment: obligation of \$52,361 approved by HMO

Date: 08/26/2009 User Id: JMALONE2

Comment: obligation of \$52,361 approved

Authorization

Preparer Name: JUDITH MALONEY

Preparation Date: 08/26/2009

HMO Authorization Name: SAMUEL BELL

HMO Authorization Date: 08/26/2009

HAZARD MITIGATION GRANTS PROGRAM

Obligation Report w/ Signatures

Disaster No	FEMA Project No	Amendment No	State Application ID	Action No	Supplemental No	State	Grantee
1778	2-R	0	3	1	1	VT	Statewide

Subgrantee: Pawlet (Town of)

Project Title : Tadmer Rd. Drainage Project, Pawlet, VT

Subgrantee FIPS Code: 021-54250

Total Amount Previously Allocated	Total Amount Previously Obligated	Total Amount Pending Obligation	Total Amount Available for New Obligation
\$52,361	\$52,361	\$0	\$0

Project Amount	Grantee Admin Est	Subgrantee Admin Est	Total Obligation	IFMIS Date	IFMIS Status	FY
\$52,361	\$0	\$0	\$52,361	08/26/2009	Accept	2009

Comments

Date: 08/26/2009 User Id: SBELL7

Comment: obligation of \$52,361 approved by HMO

Date: 08/26/2009 User Id: JMALONE2

Comment: obligation of \$52,361 approved


Authorization

Preparer Name: JUDITH MALONEY

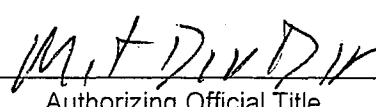
Preparation Date: 08/26/2009

HMO Authorization Name: SAMUEL BELL


HMO Authorization Date: 08/26/2009



 Authorizing Official Signature



 Authorizing Official Title



 Authorization Date

Authorizing Official Signature

Authorizing Official Title

Authorization Date

Project Management Report

Disaster Number: 1778
 FEMA Project Number: 2-R
 Amendment Number: 0
 App ID: 3
 State: VT
 Grantee: Statewide

Subgrantee: Pawlet (Town of)

FIPS Code: 021-54250

Project Title: Tadmer Rd. Drainage Project, Pawlet, VT

Mitigation Project Description

Amendment Status : Approved

Approval Status: Approved

Project Title : Tadmer Rd. Drainage Project, Pawlet, VT

Grantee : Statewide

Subgrantee : Pawlet (Town of)

Grantee County Name : Rutland

Subgrantee County Name : Rutland

Grantee County Code : 21

Subgrantee County Code : 21

Grantee Place Name : Pawlet (Town of)

Subgrantee Place Name : Pawlet (Town of)

Grantee Place Code : 0

Subgrantee Place Code : 54250

Project Closeout Date : 00/00/0000

Work Schedule Status

Amend #	Description	Time Frame	Due Date	Revised Date	Completion Date
0	install culvert	2 wks.	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
\$69,815	75.000000000	\$52,361	25.000000000	\$17,454

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
0	A	08/25/2009	08/25/2009	2009	1754696	0	\$52,361	\$0	\$0	\$52,361
Total							\$52,361	\$0	\$0	\$52,361

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	08/26/2009	08/26/2009	2009	1755563	1	1	\$52,361	\$0	\$0	\$52,361
Total								\$52,361	\$0	\$0	\$52,361

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

Disaster Number: 1778 State: VT Region: 1 Declaration Date: 07/15/2008 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	\$157,902	\$97,609	\$60,293	\$97,609	\$60,293
Regular Projects	\$138,954	\$97,609	\$41,345	\$97,609	\$41,345
Initiative Projects	\$7,895	\$0	\$7,895	\$0	\$7,895
Planning Projects	\$11,053	\$0	\$11,053	\$0	\$11,053
Subtotal	\$157,902	\$97,609	\$60,293	\$97,609	\$60,293
State Management Cost	\$8,518	\$0	\$8,518	\$0	\$8,518
TOTALS	\$166,420	\$97,609	\$68,811	\$97,609	\$68,811

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.

Record of Environmental Consideration

See 44 Code of Federal Regulation Part 10.

Project Name/Number: FEMA-HMGP-1778 Tadmer Road Drainage Project

Project Location: Tadmer Road off Route 133 as indicated on map enclosed with application.
Latitude: N 43.4015869 Longitude: W -73.1510912

Project Description: The Town of Pawlet, VT proposes to replace two three foot culverts with an 8' x 3' concrete box culvert with wing walls and a 6' x 3' concrete box culvert with wing walls as indicated on the diagram attached to the application.

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.

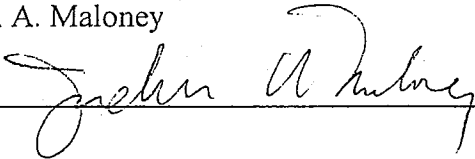
National Environmental Policy Act (NEPA) Determination

- 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.

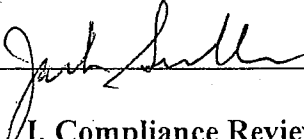
Comments: This is a project within the area of previously disturbed ground.
Correspondence/Consultation/References: Project Description. Based on information provided by the grantee, the scope of work for this project qualifies as a Categorical Exclusion (CATEX) under 44 CFR Part 10.8 (d) (2) (xv & xvi)

Reviewer and Approvals

Name: Judith A. Maloney

Signature  Date 7/14/09

FEMA Regional Environmental Officer or delegated approving official
Name:

Signature  Date 7/21/09

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. Sept. 23, 2002 Otherwise, conduct standard Section 106 review.
 - Activity meets Programmatic Allowance # Appendix B, IB
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: This project will upgrade existing culverts within the footprint of previously disturbed ground. **Correspondence/Consultation/References:** The Vermont Programmatic Agreement, Appendix B, IB

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: Review by Judith Maloney, FEMA, of U.S. Fish and Wildlife Service Endangered Species web site revealed that no federally listed or proposed threatened and endangered species under the jurisdiction of the U.S. Fish and Wildlife are known to occur in the vicinity of the areas of proposed projects.

Correspondence/Consultation/References: U.S. Fish and Wildlife Service Endangered Species 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 requires Section 404/401/10 permit, including qualification under Nationwide Permits.

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

Comments: Project involves no activity in waters of the US, nor discharge of pollutants or dredged/fill materials.
 Project improvements 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 US 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.
Correspondence / Consultation / References: Section 10 of the Rivers and Harbors Act, Section 404 of the Clean Water Act, (Re: determinations and acquisition of appropriate permits), and local Conservation Commission regulations. See USACE General Permit No: NAE-2007-24
 Expiration Date: December 5, 2012

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

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: Review by Judith Maloney, FEMA, of U.S. Fish and Wildlife Service Endangered Species web site revealed that no federally listed or proposed threatened and endangered species under the jurisdiction of the U.S. Fish and Wildlife are known to occur in the vicinity of the areas of proposed projects.

Correspondence/Consultation/References: U.S. Fish and Wildlife Service Endangered Species 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.*

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 Essential Fish habitat is adversely affected by this project. Review by Judith Maloney, FEMA, of U.S. Fish and Wildlife Service Endangered Species web site revealed that no federally listed or proposed threatened and endangered species under the jurisdiction of the U.S. Fish and Wildlife are known to occur in the vicinity of the areas of proposed projects.*

Correspondence/Consultation/References: *U.S. Fish and Wildlife Service Endangered Species 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: *No designated river is near the project.*

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: This project will mitigate damages to the road.
Correspondence/Consultation/References: Project is located in a FEMA designated X zone, an area of 500-year flood; area subject to 100-year flood with average depths of less than one foot or with contributing drainage area less than one square mile or an area protected by levees from the base flood. FIRM Flood Insurance Rate Map, Town of Pawlet, VT, Rutland County, Map Number 50021C0519D (Panel 519 of 740), Effective August 28, 2008).

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: Review of National Wetlands Inventory and topographical maps show wetlands in the general vicinity of the project area. 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: <http://wetlandsfws.er.usgs.gov/wtlnds/launch.html>;
Topographical map of the area.*

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: A review of the scoping guidance indicates no other environmental concerns.
Correspondence/Consultation/References:

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:

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 (VEM), 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.

Project Conditions:

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.

The applicant must ensure that best managing practices for roads and culverts and installation of erosion control measures are utilized. 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,

Reviewer Name: Judith A. Maione

Applicant: Town of Pawlet, VT

Disaster/Emergency/Program/Project Title: FEMA-HMGP-1778

Tadmer Road Drainage Project

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 the scope of work and accounting records are required.

Project Review and Conditions Status

Project Name/Number: FEMA-HMGP-1778 Tadmer Road Drainage Project

Project Location: Tadmer Road off Route 133 as indicated on map enclosed with application.

Latitude: N 44.1412570 Longitude: W -72.6624014

Project Description: The Town of Pawlet, VT proposes to replace two three foot culverts with an 8' x 3' concrete box culvert with wing walls and a 6' x 3' concrete box culvert with wing walls as indicated on the diagram attached to the application.

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. 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.

The applicant must ensure that best managing practices for roads and culverts and installation of erosion control measures are utilized. 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.

Funding

Total Cost of Project:	\$ 69,815
Federal Share	\$ 52,361
Applicant Share	\$ 17,454

Period of Performance

This project must be complete by: 8/31/11

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

- 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.

T.H. 12

#2

State of Vermont
Hazard Mitigation Grant Program
Project Application

FEMA Disaster Code:	FEMA- DR- VT	Date Submitted:	
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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 Pawlet, Vermont
County:	Rutland
Name of Local Hazard Mitigation Plan: <small>(County or Town)</small>	
Date of FEMA approval of Local Plan:	November 23, 2004
Federal Tax ID Number:	03-6000620

Primary Contact Information

Name:	Clarence Decker		
Title:	Selectman		
Organization:	Town of Pawlet		
Mailing Address:	PO Box 128, School Street, Pawlet, VT 05761		
Work Phone Number:	802-325-3309 x303	Alternate Phone Number:	802-235-3121
Fax Number:	802-325-6109	Email:	pawletclerk@vermontel.net

Secondary Contact Information

Name:	Keith Mason		
Title:	Selectboard		
Organization:	Town of Pawlet		
Mailing Address:	PO Box 128, School Street, Pawlet, VT 05761		
Work Phone Number:	802-325-3467	Alternate Phone Number:	802-325-3309 x301
Fax Number:	802-325-6109	Email:	pawletclerk@vermontel.net

Part 2:	Problem Description
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Location of Project:	Latitude:	Longitude:	
	N43° 24.070	W073° 09.035	<small>(in decimals)</small>
Identify adjacent roads/streets and bodies of water:		Off Rte. 133	

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

Problem Statement: <small>(What's Happening?)</small>	Flash floods wash out roads and driveway located in part of R.O.W. Isolates a working farm from receiving necessary materials for normal farm operation. Links to town of Wells, VT. Impacts 12 residents from fire, rescue, police and school bus services. Farmer cannot ship milk product.
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Supporting Documentation: <small>(Attach)</small>	<input checked="" type="checkbox"/>	Photos
	<input checked="" type="checkbox"/>	See attached sheet (camp) Engineering Studies
	<input checked="" type="checkbox"/>	Site Diagrams

T.H. #12

Part 2:		Problem Description continued		
Statement of Damages				
Date	Event	Description of Direct Damages	Description of Indirect Damages	Cost of Damage
1993 & 1996	Flash Flood	Road & culverts washed out and washed away road	Road closure. Cut off access to and from farm and residents.	4,600.00 5,500.00
07-2000	Flash Flood	Road & culverts washed out and washed away road	Road closure. Cut off access to farm & residents. No ability for fire, police, rescue & school bus services. Inability to ship milk product.	7,200.00
12-2001	Flash Flood East Snowmelt	Road & culverts washed out and washed away road	Road closure. Cut off access to farm & residents. No ability for fire, police, rescue & school bus services. Inability to ship milk product.	5,900.00
08-2003	Heavy rains Flash Flood	Road & culverts washed out and washed away road	Road closure. Cut off access to farm & residents. No ability for fire, police, rescue & school bus services. Inability to ship milk product.	6,200.00
04-2005	Snowmelt, Heavy rain, Flash Flood	Road & culverts washed out and washed away road	Road closure. Cut off access to farm & residents. No ability for fire, police, rescue & school bus services. Inability to ship milk product.	4,800.00
Total Damage				33,200.00

Part 3:	Project Objective
Project Objective	<p>Replace culverts with a 6' X 3' concrete box culvert across road.</p> <p>Replace 3' plastic culvert across a driveway with a 8' X 3' X 26 concrete box with wing walls (driveway is partly in town R.O.W. and diverts water into road causing another wash out of T.H. #12)</p>

Part 4:	Analysis of Alternative Solutions	
Alternative Solutions		
Alternative Solution	Brief Title	Description of Alternative
1	Install 1 new box culvert across roadway and 1 new box culvert across driveway	Install 1 new box culvert across roadway and 1 new box culvert across driveway
2	Continue to repair after each event	Repair damage to road and driveway and to make travel and road accessible to public.
3	No Action	No Action
Supporting Documentation: (Attach)	<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 checked="" type="checkbox"/> Yes	Hydrology/ hydraulics reports, if applicable
	<input checked="" type="checkbox"/>	Supporting documentation for the alternatives (i.e. drawings, designs, pictures) (Attached)
Preferred Alternative		
Chosen Alternative:		
Justification:		

Justification:	
Part 5:	Project Description
Project Description	Replace inefficient road culvert with correct size Replace driveway culvert with correct size
Expected Life of Project	100 years plus
Supporting Documentation: (Attach)	<input checked="" 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
1-8' X 3' X 26' concrete box culvert with wing walls	1	28'		26,885.00
1-6' X 3' X 26' concrete box culvert with wing walls	1	26'		23,550.00
Gravel	250 cy	Cubic Yard	7.50	1,875.00
Labor	72	72 hours 3 men	25.00/hr	5,400.00
T.L.B.	12	Hours	45.00/hr	540.00
Crane Seed and mulch	21	Hours	290.00	6,090.00 450.00
Excavator (rental)	1	Rental	4,200.00	4,200.00
Trucking	15 hrs.	Two tandem 16 yard dump	55.00	825.00
			Total Project Cost Estimate	69,815.00

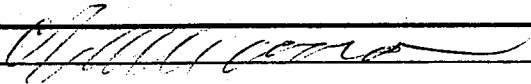
Summary of Project Costs

A	Total Project Costs	69,815.00
B	FEMA Share (75% of Line A)	52,361.25
C	Local Share (25% of Line A) Note: The sum of lines 1-3 must equal Line C	17,453.75
	1. Cash	5,903.75
	2. In-Kind Service	11,550.00
	3. Other	.00
D	Total Local Share (Equal to Line C)	17,453.75
E	Total Project Costs (Line B + Line D) Note: Line A and D are equal	69,815.00

Identify source of local non-federal match:	In Kind		
Part 6:	Benefit/Cost Analysis		
Estimated Project Cost	69,815.00	Future Maintenance costs for life of project	.00
Total Cost = Project Cost + Future Maintenance		Total Cost	.00
Total Damages		Years of Damage	
Annualized Damages = Total Damages/Years of record		Annualized Damages	
Annualized Damages		Expected Life of Project	100
Anticipated Damages without project over time = Annualized damages* Expected life of project		Anticipated Damage without Project (Anticipated Loss or Benefit)	4,995.00
Benefit/Cost Ratio = Anticipated Loss or Benefit /Total Cost		Benefit/Cost Ratio	1.21
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	
Install two box culverts		10	
Gravel, seed, mulch		2	
Crane		4-5 days	
Trucking and T.L.B.		4	
Labor (3 men)		X 10	
Excavator		Two weeks	
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 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 March 30, 2009

Clarence Decker

HYDRAULICS UNIT

TO: Marge Skinner, District 1 Technician

FROM: David Willey, Hydraulics Project Engineering Supervisor

DATE: March 6, 2009

SUBJECT: Pawlet TH 12 (Tadmer Road) – The site is about 1.5 miles northwest of VT 133
It is about 500' south of mail box 1572 and 300' north of a mail box with Davis on it.
The inlet was marked with an orange stake. The outlet is between two large trees.

We have completed our preliminary hydraulic study for the above referenced site, and offer the following information for your use:

Hydrology

This site has a hilly drainage basin that is a mixture of woods and fields. The total contributing drainage area is about 110 acres (0.17 sq. mi.). There is an overall length of 4,400 feet from the divide to the site, with a 620-foot drop in elevation, giving an average overall channel slope of 14%. The stream slope at the site was estimated to be about 2%. Using several hydrologic methods, we came up with the following design flow rates:

<u>Recurrence Interval in Years</u>	<u>Flow Rate in Cubic Feet per Second (CFS)</u>
Q2.33	55
Q10	80
Q25	95 - Town Highway Design Flow
Q50	110
Q100	125 - Check flow

Existing Conditions

The existing structure is a 3.0' corrugated metal pipe, providing a waterway opening of 7.1 sq. ft. Due to snow and ice, we could not see the pipe or channel well during our site visit. There is about 5.0' of vertical height from the stream bed to the roadway.

Our calculations show the existing pipe is not adequate hydraulically. Water overtops the roadway at about a Q2.33, and headwater to depth ratios exceed the allowable values.

Recommendations

In sizing a new structure we attempted to select structures that met the hydraulic standards, fit the natural channel width, the roadway grade and other site conditions. We recommend any of the following structures as a replacement at this site:

1. A concrete box with a 6' wide by 3' high inside opening, providing 18-sq. ft. of waterway area. This structure will result in a headwater depth at Q25 = 3.4' and at Q100 = 4.3', with no roadway overtopping up to Q100.
2. A 71" wide by 47" high corrugated metal pipe arch, with 18.1-sq. ft. of waterway area, could also be considered. This structure will result in a headwater depth at Q25 = 3.8' and at Q100 = 4.8'. Due to the limited height from the stream bed to the roadway, it may not be possible to get the recommended cover over this size pipe without raising the roadway. See comments below.

3. Any similar structure with a minimum clear span of 6' and at least 18-sq. ft. of waterway area, that fits the site conditions, could be considered.

General comments

If a new box is installed, we recommend it have full headwalls at the inlet and outlet. The headwalls should extend at least four feet below the channel bottom, or to ledge, to act as cutoff walls and prevent undermining.

If the pipe arch option is installed, concrete headwalls should be constructed at the inlet and outlet. The headwalls may be either half height or full height. The headwalls should extend at least four feet below the channel bottom or to ledge, to prevent undermining of the structure. We recommend a minimum cover of 3' over all pipe structures. Therefore the roadway grade would have to be raised about 2' to provide the required cover over the pipe arch. Pipe manufactures can provide specific recommendations for minimum and maximum fill heights and required pipe thickness. All structures are required to handle HS-25 loading.

It is always desirable for a new structure of this size to have flared wingwalls at the inlet and outlet, to smoothly transition flow through the structure, and to protect the structure and roadway approaches from erosion. The wingwalls should match into the channel banks. Any new structure should be properly aligned with the channel, and constructed on a grade that matches the channel.

Stone Fill, Type II should be used to protect any disturbed channel banks or roadway slopes at the structure's inlet and outlet, up to a height of at least one-foot above the top of the opening. The stone fill should not constrict the channel or structure opening.

The Agency of Natural Resources (ANR), Corps of Engineers, or other permitting agency may have additional concerns regarding replacement of this structure, or any channel work. The Stream Alteration Engineer should be contacted with respect to those concerns, before a replacement culvert is ordered. If ANR requires the invert of the pipe to be buried to provide a natural bottom, the size of the structure will have to be larger to provide the required waterway area.

Please keep in mind that while a site visit was made, these recommendations were made without the benefit of a survey and are based on limited information. The final decision regarding the replacement of this structure should take into consideration matching the natural channel conditions, the roadway grade, environmental concerns, safety, and other requirements of the site.

Please contact us if you have any questions or if we may be of further assistance.

DCW

cc: Chris Brunelle, A.N.R. Stream Alteration Engineer
Mike Hedges, Structures Engineer
Hydraulics Project File via NJW
Hydraulics Chrono File

~~Hi Marge, Dave: I'm glad someone is looking up on me!~~

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

From: Willey, Dave

Sent: Monday, March 09, 2009 8:01 AM

To: Skinner, Marge

Subject: Hydraulic study for Pawlet

Hi Marge,

Last Friday you sent in an email request to Nick Wark for a hydraulic study for the town of Pawlet. It was on TH 12. You had sent in a request for a study on TH 12 in January. I just completed that study last week and sent it out Friday, before we got your new request. It appears both request were for the same site, but I wanted to check and be sure of that. If there are two different sites please let me know.

The January request said the culvert was about 1 mile from VT 133. The site I looked at was about 1.5 miles from VT 133. It was marked with an orange stake, so I assumed it was the correct site. I did not see any other sites marked with a stake. I gave a description of the site location on my memo. If that is not the correct site please let me know.

Also, the request you sent in last Friday mentioned a downstream drive culvert. As I made my site visit before getting that request, I did not specifically go look at that downstream drive culvert. I did drive by it and remember seeing it. It appears to be very undersized. The drainage area is much larger at that drive culvert than at the site I studied, as two streams join together between the study site and the drive. We do not size private drive culverts, so the property owner would be required to hire someone to do a hydraulic study, or perhaps the Agency of Natural Resources Stream Alteration Engineer would recommend a structure size, if they want to replace that culvert.

I am attaching a copy of the memo I sent to you.

Let me know if you have any questions or want to discuss any of this.

Thanks,
Dave

CLARENCE -
IS THIS THE SAME SIGHT?
THANKS
MARGE
447-6926

Pawlet Town Clerk

From: Skinner, Marge [Marge.Skinner@state.vt.us]
Sent: Monday, March 09, 2009 10:39 AM
To: PAWLET
Subject: FW: Hydraulic study for Pawlet

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

From: Willey, Dave
Sent: Monday, March 09, 2009 8:01 AM
To: Skinner, Marge
Subject: Hydraulic study for Pawlet

Hi Marge,

Last Friday you sent in an email request to Nick Wark for a hydraulic study for the town of Pawlet. It was on TH 12. You had sent in a request for a study on TH 12 in January. I just completed that study last week and sent it out Friday, before we got your new request. It appears both request were for the same site, but I wanted to check and be sure of that. If there are two different sites please let me know.

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I am attaching a copy of the memo I sent to you.

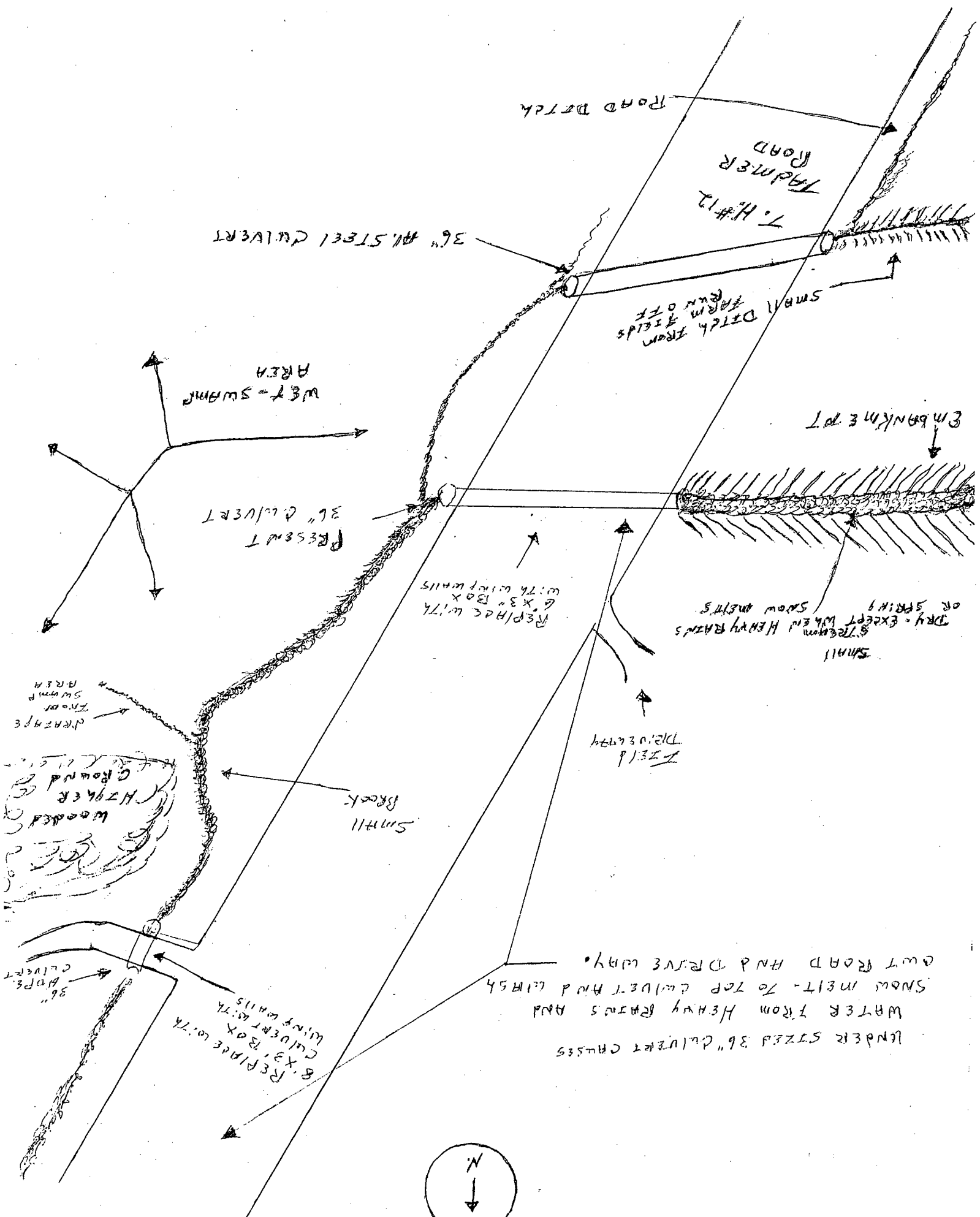
Let me know if you have any questions or want to discuss any of this.

*THE DRIVE OF WHICH IS IN PART IN TOWN ROW.
 IF NOT UPGRADED AT THIS TIME WILL CONTINUE
 TO FLOOD TOWN ROAD #12. SUGGESTED TO BE
 A 8'X3' BOX WITH WING WALLS, SHOULD BE OK.*

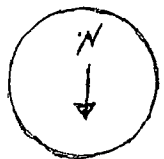
Thanks,
 Dave

David Willey
 Hydraulics Unit
 VT Agency of Transportation
 1 National Life Drive
 Montpelier, VT 05633

Phone 802-828-2656
 Email dave.willey@state.vt.us



I.H.#12 TADMER ROAD
NO SCALE



UNDER SIZED 36" CULVERT CROSSES
WATER FROM HEAVY RAINS AND
SNOW MELT - TO TOP CULVERT AND WASH
OUT ROAD AND DRIVE WAY.

SMALL
STREAM HEAVY RAINS
DRY - EXCEPT WHEN
OR SPRING
SNOW MELTS

REPAIRS WITH
6" X 3" BOX
WITH WING WALLS

36" CULVERT
PRESSURE

WET SWAMP
AREA

WET SWAMP
AREA
DRAINAGE

WOODED
GROUND
HAZARD

REPAIRS WITH
6" X 3" BOX
CULVERT WITH
WING WALLS
36" CULVERT

SMALL
BROOK

FIELD
DRAINAGE

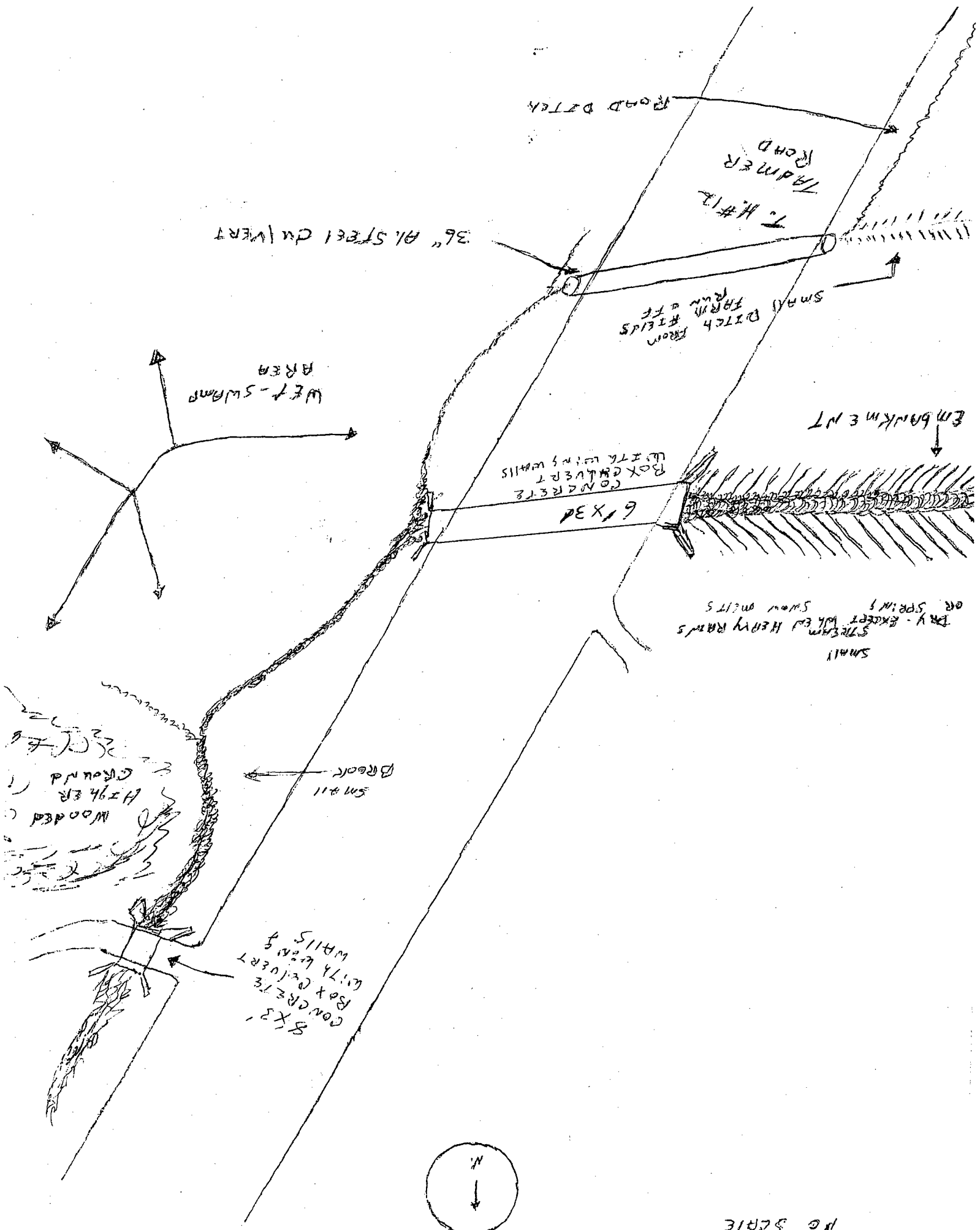
EMBANKMENT

SMALL
DITCH FROM
FIELD

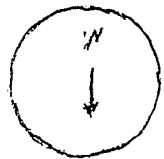
36" #1 STEEL CULVERT

ROAD DITCH

TADMER
ROAD
T.H.#12



T.H.#12 TAMNER ROAD
 NO SCALE



36" RI. STEEL CULVERT

SMALL DITCH FROM TAMNER ROAD

Embankment

CONCRETE BOX CULVERT WITH WEIR WALLS

6' X 9'

SMALL STREAM WITH HENRY RAIN'S OR SPRING'S SWAMP

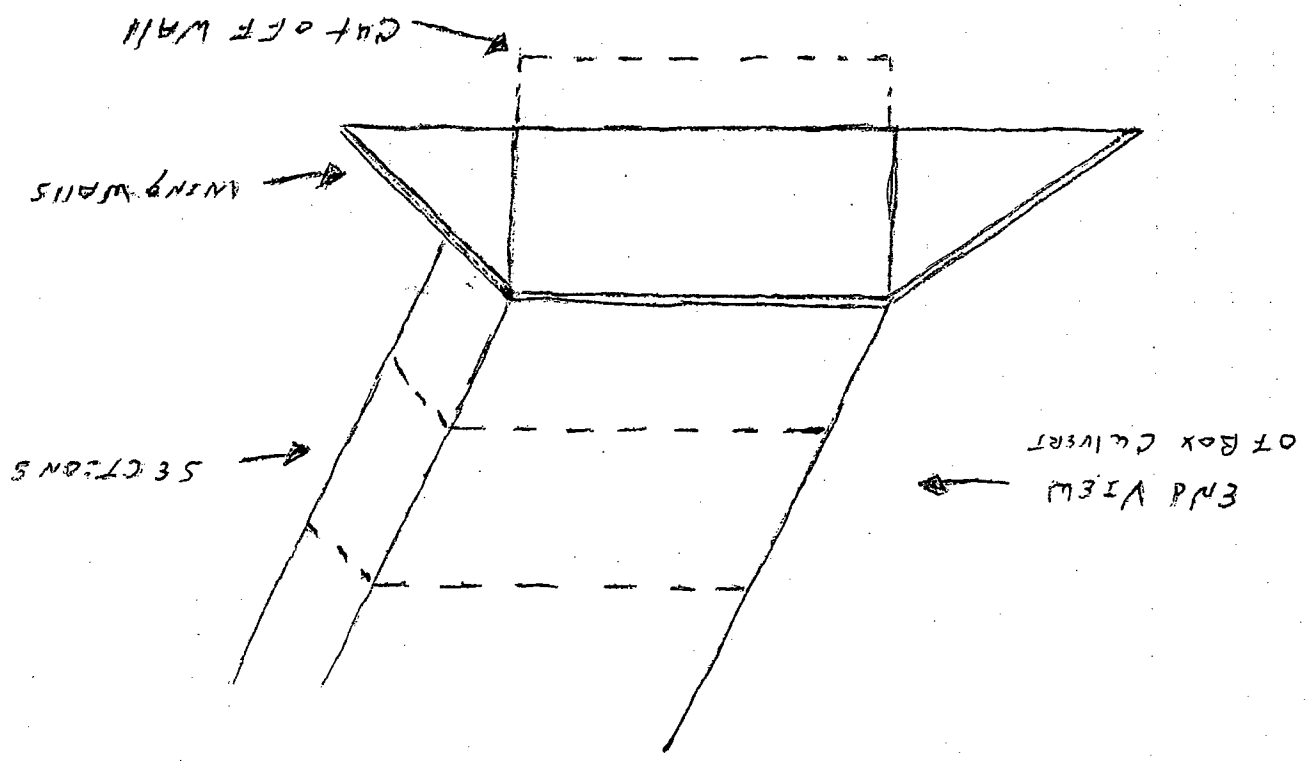
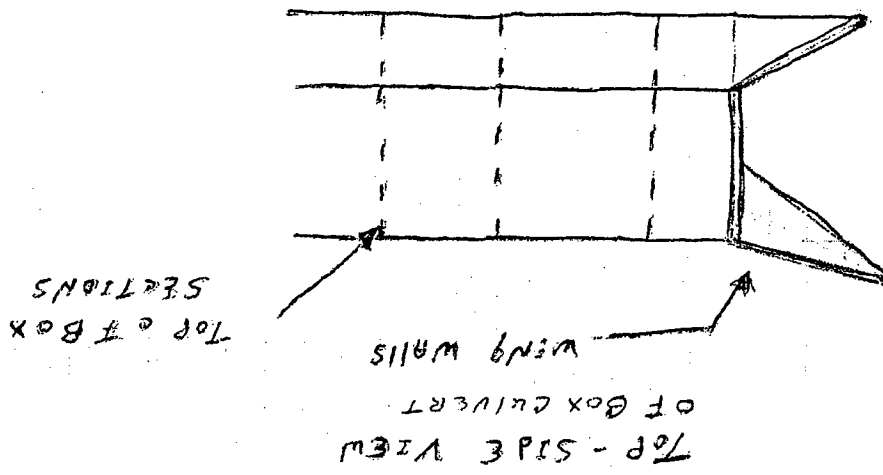
WET-SWAMP AREA

5m 211
 Road

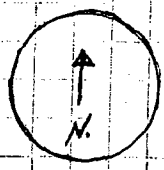
5' X 3' CONCRETE BOX CULVERT WITH WEIR WALLS

WOODED HIGHER GROUND

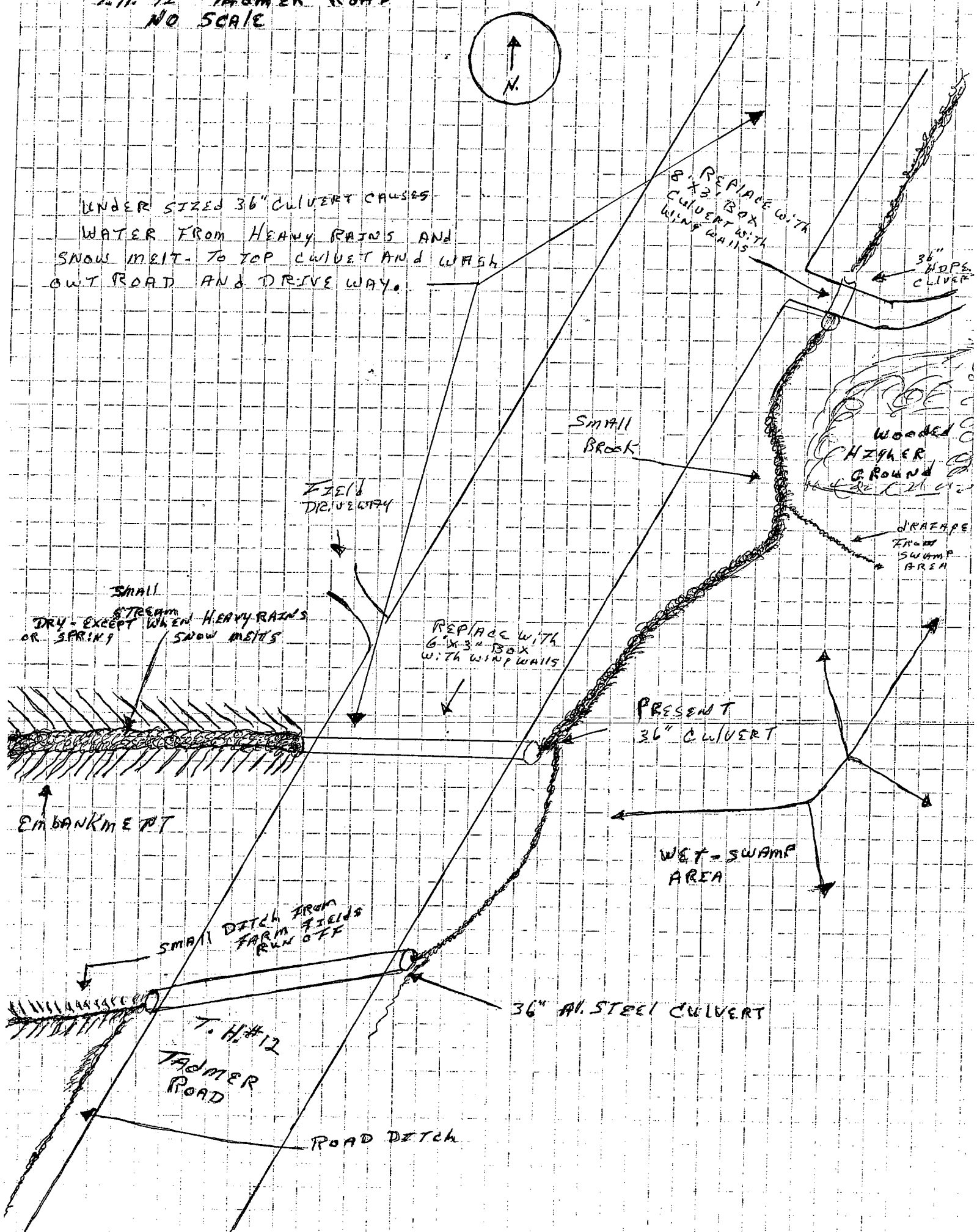
PRECAST-REINFORCED BOX CULVERT - NO SCALE -



TOWN OF FAIRFIELD, VERMONT
T.H.#12 TADMER ROAD
NO SCALE



UNDER SIZED 36" CULVERT CAUSES
WATER FROM HEAVY RAINS AND
SNOW MELT - TO TOP CULVERT AND WASH
OUT ROAD AND DRIVE WAY.



REPLACE WITH
6" X 3" BOX
CULVERT WITH
WIND WALLS

36" HDPE
CULVERT

Small
Brook

WOODED
CHAZER
Ground

DRAINAGE
FROM
SWAMP
AREA

FIELD
DRIVEWAY

REPLACE WITH
6" X 3" BOX
WITH WIND WALLS

PRESENT
36" CULVERT

WET-SWAMP
AREA

SMALL
STREAM
DRY - EXCEPT WHEN HEAVY RAINS
OR SPRING SNOW MELTS

EMBANKMENT

SMALL DITCH FROM
FARM FIELDS
RUN OFF

36" AL. STEEL CULVERT

T.H.#12
TADMER
ROAD

ROAD DITCH

*
#1
Road



Precast Concrete Products Inc. 78 Precast Rd, Milton, VT 05468 802-893-2401 Fax: 802-893-1542

Budget Cost

TO: Town Of Pawlet PHONE: 325-3309 *Ex 303* DATE: 3/10/09
Clarence Decker FAX: 325-6109
JOB NAME: Cell # 342-0538

Precast Reinforced Box Culvert-Option #1

6' Span x 3' Rise x 26 LF Precast Reinforced Concrete Box Culvert includes the following:
6,000 PSI Min. Concrete Strength.

Waterpassing Area will be based on 18 Sq. Ft (No Silt Baffles)
AASHTO HS-20 Loading Requirement- assuming 0'-2' earth cover.

*will need
to see 4 feet
longer*

Precast Reinforced box section will consist of the following:

- (4) 6'-6" Long Precast sections that weight approximately (8.5) tons each.
Inlet Box section will have a 12" high header affixed
Outlet Box section will have a 12" high header affixed
- (2) Reinforced concrete cutoff walls that measure 12" wide x 42" high x 7'-4" long.
- (2) 6'-0" long reinforced concrete tapered wing-walls on inlet end of culvert will be fabricated with 12" thick x 4'-0" wide cantilever footings.
- (2) 6'-0" long reinforced concrete wing-walls on outlet end of culvert will be fabricated with a 12" thick x 4'-0" wide cantilever footings.

Camp Precast will supply stamped engineered working drawings and design computations for engineer's approval.

Total \$23,550.00
Price + *300.00*

Note: Price includes delivery of box culverts and related sections to Pawlet, VT on flatbed trailers only. Crane Service for unloading & setting will be provided by others!

Exclusions: Crane Service, guardrail posts and all related items for guardrail connections, U-Bolts for guardrail connections, grouting, sheet membrane waterproofing if required, compaction, all site excavation, backfill, de-watering if necessary, are all excluded and therefore are to be provided by others!

ESTIMATED: Mark Pfenning

This estimate is for completing the job as described above. It is based on our evaluation and does not include material price increases or additional labor and materials which may be required should unforeseen problems or adverse weather conditions arise after the work has started. The price of a pumpstation does not include any electrical wiring. All prices are plus sales tax and F.O.B. jobsite unless otherwise stated. Prices of tanks and pumpstations are set in a properly prepared hole at our discretion unless otherwise stated. Any item not specifically mentioned in this quote is not included and was not intended to be included. Quote Valid for 30 days.



* 2
Drive way



Precast Concrete Products Inc. 78 Precast Rd, Milton, VT 05468 802-893-2401 Fax: 802-893-1542

Budget Cost

TO: Town Of Pawlet
Clarence Decker

PHONE: 325-3309

DATE: 3/10/09

FAX: 325-6109

JOB NAME: Cell # 342-0538

Precast Reinforced Box Culvert-Option #3

8' Span x 3' Rise x 26 LF Precast Reinforced Concrete Box Culvert includes the following:
6,000 PSI Min. Concrete Strength.
Waterpassing Area will be based on 24 Sq. Ft (No Silt Baffles)
AASHTO HS-20 Loading Requirement- assuming 0'-2' earth cover.

Precast Reinforced box section will consist of the following:

(4) 6'-6" Long Precast sections that weight approximately (9.5) tons each.

Inlet Box section will have a 12" high header affixed

Outlet Box section will have a 12" high header affixed

(2) Reinforced concrete cutoff walls that measure 12" wide x 42" high x 9'-4" long.

(2) 6'-0" long reinforced concrete tapered wing-walls on inlet end of culvert will be fabricated with 12" thick x 4'-0" wide cantilever footings.

(2) 6'-0" long reinforced concrete wing-walls on outlet end of culvert will be fabricated with a 12" thick x 4'-0" wide cantilever footings.

Camp Precast will supply stamped engineered working drawings and design computations for engineer's approval.

Total \$26,585.00

9.100000 + 3000.00

Note: Price includes delivery of box culverts and related sections to Pawlet, VT on flatbed trailers only. Crane Service for unloading & setting will be provided by others!

Exclusions: Crane Service, guardrail posts and all related items for guardrail connections, U-Bolts for guardrail connections, grouting, sheet membrane waterproofing if required, compaction, all site excavation, backfill, de-watering if necessary, are all excluded and therefore are to be provided by others!

ESTIMATED: Mark Pfenning

This estimate is for completing the job as described above. It is based on our evaluation and does not include material price increases or additional labor and materials which may be required should unforeseen problems or adverse weather conditions arise after the work has started. The price of a pumpstation does not include any electrical wiring. All prices are plus sales tax and F.O.B. jobsite unless otherwise stated. Prices of tanks and pumpstations are set in a properly prepared hole at our discretion unless otherwise stated. Any item not specifically mentioned in this quote is not included and was not intended to be included. Quote Valid for 30 days.



alternative #3



Precast Concrete Products Inc. 78 Precast Rd, Milton, VT 05468 802-893-2401 Fax: 802-893-1542

Budget Cost

TO: Town Of Pawlet PHONE: 325-3309 ³⁰³ DATE: 3/10/09
 Clarence Decker FAX: 325-6109
 JOB NAME: Cell # 342-0538

Precast Reinforced Box Culvert-Option #2

6' Span x 4' Rise x 26 LF Precast Reinforced Concrete Box Culvert includes the following:
 6,000 PSI Min. Concrete Strength.
 Waterpassing Area will be based on 18 Sg. Ft (W/Silt Baffles)
 AASHTO HS-20 Loading Requirement- assuming 0'-2' earth cover.

Precast Reinforced box section will consist of the following:

- (4) 6'-6" Long Precast sections that weight approximately (9.5) tons each.
 Inlet Box section will have a 12" high header affixed
 Outlet Box section will have a 12" high header affixed
 All Box sections will be provided W/12" high silt retention baffles
- (2) Reinforced concrete cutoff walls that measure 12" wide x 28" ^{high} x 7'-4" long.
- (2) 6'-0" long reinforced concrete tapered wing-walls on inlet end of culvert will be fabricated with 12" thick x 4'-0" wide cantilever footings.
- (2) 6'-0" long reinforced concrete wing-walls on outlet end of culvert will be fabricated with a 12" thick x 4'-0" wide cantilever footings.

Camp Precast will supply stamped engineered working drawings and design computations for engineer's approval.

Total \$26,850.00
 Grant + 3,000.00

Note: Price includes delivery of box culverts and related sections to Pawlet, VT on flatbed trailers only. Crane Service for unloading & setting will be provided by others!

Exclusions: Crane Service, guardrail posts and all related items for guardrail connections, U-Bolts for guardrail connections, grouting, sheet membrane waterproofing if required, compaction, all site excavation, backfill, de-watering if necessary, are all excluded and therefore are to be provided by others!

ESTIMATED: Mark Pfenning

This estimate is for completing the job as described above. It is based on our evaluation and does not include material price increases or additional labor and materials which may be required should unforeseen problems or adverse weather conditions arise after the work has started. The price of a pumpstation does not include any electrical wiring. All prices are plus sales tax and F.O.B. jobsite unless otherwise stated. Prices of tanks and pumpstations are set in a properly prepared hole at our discretion unless otherwise stated. Any item not specifically mentioned in this quote is not included and was not intended to be included. Quote Valid for 30 days.



FEMA**Benefit-Cost Analysis of Hazard Mitigation Projects****LIMITED DATA MODULE**

Version 5.2.3

May 2, 2006

Report of Benefit-Cost Analysis

Project	Culvert Upgrade, Pawlet- pr
Address	
City, State, Zip	
County	town of Pawlet
Applicant	town of Pawlet
Contact Person	Clarence Decker
Analysis Date	3-26-09
Analyst	Ray Doherty- VEM
Scenario Run ID	
File Save As Name	BCA- Pawlet Proj 2- HMGP I
Disaster Number	
DSR Number	

FEMA Disclaimer:

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

LIMITED DATA MODULE Benefit-Cost Analysis of Flood Mitigation Projects	Page 1
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PROJECT INFORMATION

Disaster Number		Project	Culvert Upgrade, Pawlet- project #2
DSR Number		Address	
DSR Category		City, State, Zip	
DSR Subject		County	Rutland county
Inspection Date		Applicant	town of Pawlet
Application Date	3-31-09	Contact Person	Clarence Decker
Analysis Date	3-26-09	Scenario Run ID	
Analyst	Ray Doherty- VEM	File Save As Name	BCA- Pawlet Proj 2- HMGP FY 09 final

PROJECT DATA

Culvert upgrade on town highway 12- Tadmer Road, Pawlet

Project Useful Life (Years)	100
Base Year of Costs	2009
Historic Preservation Issues (Yes or No)?	No
Environmental Issues (Yes or No)?	No

Economic Factors:	Discount Rate (%)	7.00	Present Value Coefficient	14.27
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Net Mitigation Project Cost:	\$69,815
Notes:	project includes private driveway

Additional Annual Maintenance Cost (\$/year) for Mitigation Project	\$75
Present Value of Additional Annual Maintenance Cost (\$)	\$1,070
TOTAL MITIGATION PROJECT COST	\$70,885

TYPE OF FACILITY (for Loss of Function)	ROADS/BRIDGES
--	---------------

FACILITY DESCRIPTION town highway + private driveway

Loss of Function for Roads/Bridges	
Estimated Number of One-Way Traffic Trips Per day	150
Estimated Delay (Detour) Time Per One Way Trip (hours)	0.75
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	\$3,626
---	---------

FLOOD HISTORY

Estimated Frequency of Declared Flood Event (Years)	2
---	---

Data Sources and Documentation

Town of Pawlet
 Agency of Natural Resources/ VEM records and analyses

LIMITED DATA MODULE
Benefit-Cost Analysis of Flood Mitigation Projects Page 2

DAMAGES BEFORE MITIGATION

Flood Frequency Events (Years)	Scenario Flood Damages			Loss of Function Time and Dollars		TOTAL Damages and Losses
	road repairs	private prop	C	Days	Losses	
1					\$0	\$0
2					\$0	\$0
5	\$16,900	\$5,000		3.00	\$10,878	\$32,778
10	\$16,300			4.00	\$14,504	\$35,804
25					\$0	\$35,804
50					\$0	\$35,804
100					\$0	\$35,804
250					\$0	\$35,804
500					\$0	\$35,804
Total Annualized Damages						\$6,975

Data Sources and Documentation

Town of Pawlet highway department + town records
 Agency of Natural Resources
 VT Emergency Management

DAMAGES AFTER MITIGATION

Flood Frequency Events (Years)	Scenario Flood Damages			Loss of Function Time and Dollars		TOTAL Damages and Losses
	road repairs	private prop	C	Days	Losses	
1					\$0	\$0
2	\$75			0.50	\$1,813	\$1,888
5					\$0	\$1,888
10					\$0	\$1,888
25					\$0	\$1,888
50					\$0	\$1,888
100					\$0	\$1,888
250					\$0	\$1,888
500					\$0	\$1,888
Total Annualized Damages						\$944

Data Sources and Documentation

Town of Pawlet highway department + town records
 VEM records

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
\$6,975	\$99,528
\$944	\$13,470
\$6,031	\$86,058
\$70,885	
\$86,058	
\$15,173	
1.21	

PROJECT COSTS

PROJECT BENEFITS

BENEFITS MINUS COSTS

BENEFIT-COST RATIO

Data Sources and Documentation

Town of Pawlet
 VT Emergency Management

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.



FEMA

September 8, 2009

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

SUBJECT: FEMA-DR-1778-VT
Hazard Mitigation Grant Program Project #3
NFIP Outreach Project, Two Rivers-Ottauquechee Regional Planning Commission

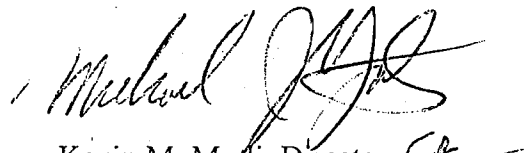

Dear Ms. Farr:

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:

1778-3	Two Rivers-Ottauquechee Regional Planning Commission NFIP Outreach Project	\$ 8,267
	Total:	\$ 8,267

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

ABBREVIATED RECORD OF ENVIRONMENTAL CONSIDERATION

See 44 Code of Federal Regulation Part 10.

Project Name/Number: FEMA-HMGP-1778 NFIP Outreach Project, Two Rivers-Ottawaquechee Regional Planning Commission, VT

Project Location: Statewide

Project Description: The Two Rivers- Ottawaquechee Regional Planning Commission, VT intends to provide an outreach program to several audiences through seven public meetings that will be about two hours long on floodplain-related issues; such as how to read the flood maps, use the on-line tools and understand the related insurance requirements. Three workshops for administrators of flood regulations will be conducted. A course for realtors in Orange County will also be presented, to improve effectiveness and compliance with NFIP. Outreach will also be provided to landowners and applicants for special permits to guide them through the process and help them to understand the risks they face and the recovery options.

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 or result in any other unanticipated changes to the scope of work, the applicant must contact FEMA, and a re-evaluation of the project will be discussed.

Two Rivers

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: This is an outreach activity and is excluded from NEPA review. Correspondence/Consultation/References: See project description. 44 CFR § 40.8 (d)(2) (ii) & (v)

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: 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 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 8-24-09

FEMA Regional Environmental Officer or delegated approving official.

Name:

Signature _____ Date _____

Project Review and Conditions Status

Project Name/Number: FEMA-HMGP-1790 NFIP Outreach Project, Two Rivers-
Ottauquechee Regional Planning Commission, VT

Project Location: Statewide

Project Description: The Two Rivers- Ottauquechee Regional Planning Commission, VT intends to provide an outreach program to several audiences through seven public meetings that will be about two hours long on floodplain-related issues; such as how to read the flood maps, use the on-line tools and understand the related insurance requirements. Three workshops for administrators of flood regulations will be conducted. A course for realtors in Orange County will also be presented, to improve effectiveness and compliance with NFIP. Outreach will also be provided to landowners and applicants for special permits to guide them through the process and help them to understand the risks they face and the recovery options.

Monitoring Requirements:

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

Funding

Total Cost of Project:	\$ 11,023
Federal Share	\$ 8,267
Applicant Share	\$ 2,756

Period of Performance

This project must be complete by: 9/30/11

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.**

HAZARD MITIGATION GRANT PROGRAM

Allocation Request

Disaster Number : 1778

Allocation Number : 1

IFMIS Status : Accept

IFMIS Date 08/28/2009

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
3 - R	0	4	2009	\$8,267	\$0	\$0	\$8,267	\$8,267	\$8,267	\$0
TOTALS				\$8,267	\$	\$0	\$8,267			

Comments

Date: 08 / 27 / 2009 User Id: JMALONE2

Comment: allocation \$8,267 approved

Date: 08 / 27 / 2009 User Id: KTIRRELL

Comment: HMO allocation \$8,267 approved

Authorization

Preparer Name : JUDITH MALONEY

Preparation Date : 08/27/2009

HMO Authorization Name : KERRI ANN TIRRELL

HMO Authorization Date : 08/27/2009

FEDERAL EMERGENCY MANAGEMENT AGENCY
HAZARD MITIGATION GRANTS PROGRAM

Allocation Request with Signature

Disaster Number : 1778 Allocation Number : 1 IFMIS Status : Accept IFMIS Date : 08/28/2009

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
3 - R	0	4	2009	\$8,267	\$0	\$0	\$8,267	\$8,267	\$8,267	\$0
TOTALS				\$8,267	\$	\$0	\$8,267			

Comments

Date: 08 / 27 / 2009 User Id: JMALONE2

Comment: allocation \$8,267 approved

Date: 08 / 27 / 2009 User Id: KTIRRELL

Comment: HMO allocation \$8,267 approved

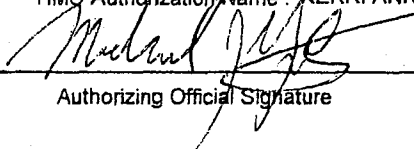
Authorization

Preparer Name : JUDITH MALONEY

Preparation Date : 08/27/2009

HMO Authorization Name : KERRI ANN TIRRELL

HMO Authorization Date : 08/27/2009



Authorizing Official Signature

Branch Chief

Authorizing Official Title

9/8/09

Authorization Date

Authorizing Official Signature

Authorizing Official Title

Authorization Date

2:37 PM

HAZARD MITIGATION GRANT PROGRAM

Obligation

Disaster No	FEMA Project No	Amendment No	State Application ID	Action No	Supplemental No	State	Grantee
1778	3-R	0	4	1	2	VT	Statewide

Subgrantee: TOW-RIVERS-OTTAUQUECHEE REGIONAL COI Project Title : Two Rivers - Ottauquechee Regional Planning Commission

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
\$8,267	\$8,267	\$0	\$0	\$8,267	\$0	\$0	\$8,267	09/01/2009	Accept	2009

Comments

Date: 08/31/2009 User Id: JMALONE2

Comment: OBLIGATION \$8,267 APPROVED

Date: 09/01/2009 User Id: KTIRRELL

Comment: HMO approves obligation for \$8,267

Authorization

Preparer Name: JUDITH MALONEY

Preparation Date: 08/31/2009

HMO Authorization Name: KERRI ANN TIRRELL

HMO Authorization Date: 09/01/2009

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
1778	3-R	0	4	1	2	VT	Statewide

Subgrantee: TOW-RIVERS-OTTAUQUECHEE REGIONAL COI Project Title : Two Rivers - Ottauquechee Regional Planning Commission
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
\$8,267	\$8,267	\$0	\$0	\$8,267	\$0	\$0	\$8,267	09/01/2009	Accept	2009

Comments

Date: 08/31/2009 User Id: JMALONE2

Comment: OBLIGATION \$8,267 APPROVED

Date: 09/01/2009 User Id: KTIRRELL

Comment: HMO approves obligation for \$8,267

Authorization

Preparer Name: JUDITH MALONEY

Preparation Date: 08/31/2009

HMO Authorization Name: KERRI ANN TIRRELL

HMO Authorization Date: 09/01/2009



Authorizing Official Signature

Branch Chief

Authorizing Official Title

9/8/09

Authorization Date

Authorizing Official Signature

Authorizing Official Title

Authorization Date

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

Disaster Number: 1778 State: VT Region: 1 Declaration Date: 07/15/2008 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	\$157,902	\$105,876	\$52,026	\$105,876	\$52,026
Regular Projects	\$138,954	\$105,876	\$33,078	\$105,876	\$33,078
Initiative Projects	\$7,895	\$0	\$7,895	\$0	\$7,895
Planning Projects	\$11,053	\$0	\$11,053	\$0	\$11,053
Subtotal	\$157,902	\$105,876	\$52,026	\$105,876	\$52,026
State Management Cost	\$8,518	\$0	\$8,518	\$0	\$8,518
TOTALS	\$166,420	\$105,876	\$60,544	\$105,876	\$60,544

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.

FEDERAL EMERGENCY MANAGEMENT AGENCY
HAZARD MITIGATION GRANT PROGRAM

Project Management Report

Disaster Number: 1778
 FEMA Project Number: 3-R
 Amendment Number: 0
 App ID: 4
 State: VT
 Grantee: Statewide

Subgrantee: TOW-RIVERS-OTTAUQUECHEE REGIONAL

FIPS Code: 017-UJ9MS

Project Title : Two Rivers - Ottauquechee Regional Planning Commission

Mitigation Project Description

Amendment Status : Approved

Approval Status: Approved

Project Title : Two Rivers - Ottauquechee Regional Planning Commission

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	outreach	3 months	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
\$11,023	75.00000000	\$8,267	25.00000000	\$2,756

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	08/28/2009	08/27/2009	2009	1754696	1	\$8,267	\$0	\$0	\$8,267
Total							\$8,267	\$0	\$0	\$8,267

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	09/01/2009	09/01/2009	2009	1758731	2	2	\$8,267	\$0	\$0	\$8,267
Total								\$8,267	\$0	\$0	\$8,267

FEDERAL EMERGENCY MANAGEMENT AGENCY
HAZARD MITIGATION GRANT PROGRAM

Project Management Report

Disaster Number	FEMA Project Number	Amendment Number	App ID	State	Grantee
1778	3-R	0	4	VT	Statewide

Subgrantee: TOW-RIVERS-OTTAUQUECHEE REGIONAL

FIPS Code: 017-UJ9MS

Project Title : Two Rivers - Ottauquechee Regional Planning Commission

Mitigation Project Description

Amendment Status : Approved

Approval Status: Approved

Project Title : Two Rivers - Ottauquechee Regional Planning Commission

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	outreach	3 months	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
\$11,023	75.000000000	\$8,267	25.000000000	\$2,756

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	08/28/2009	08/27/2009	2009	1754696	1	\$8,267	\$0	\$0	\$8,267
Total							\$8,267	\$0	\$0	\$8,267

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	09/01/2009	09/01/2009	2009	1758731	2	2	\$8,267	\$0	\$0	\$8,267
Total								\$8,267	\$0	\$0	\$8,267



TWO RIVERS-OTTAUQUECHEE

William B. Emmons, III, Chairman
Peter G. Gregory, AICP, Executive Director

REGIONAL COMMISSION

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

March 31, 2009

Re: Hazard Mitigation Grant Program

RECEIVED
APR 1 2009
VT EMERGENCY MANAGEMENT

Dear Ray,

Please find enclosed an application to conduct targeted outreach on the NFIP. FEMA's MapMod program, increased vigilance by towns and banks, as well as recent flood disasters have greatly increased technical assistance requests to TRORC on floodplain related issues. While some of these questions are unique and must be handled on a case-by-case basis, many could be pre-empted with better outreach and some pre-made publications.

Specifically, realtors need to be more proficient in what the maps mean and the related insurance requirements. TRORC has developed an approved course for realtors, and provided this in Windsor County. This course will also be presented in Orange County. Another audience that would benefit from specific training is the administrators of flood regulations (ZAs and AOs). This group needs to improve their ability to read and use the new maps and to use online tools. Three workshops on these topics will be developed and presented in the TRORC region. Neighboring RPCs will also be notified in case they have interested towns.

Lastly, landowners and applicants for local permits need a good, concise, and readable document that guides them through the differing requirements in unnumbered A zones, AE zones without Base Flood Elevations or Floodways, or inside of detailed areas. They also need to more clearly understand the risks they face and the recovery options (or lack of them) that may be available. A document will be developed for this and distributed to all NFIP towns in the TRORC area, as well as added to the TRORC website. This document will also form the basis for three meetings targeted at this audience.

All of these materials will be made available to our counterpart RPCs and the state, who can customize and use them at will. We truly believe this project will improve local regulation of flood and fluvial hazard zones and lead to safer land use.

Sincerely,

Kevin W. Geiger, AICP
Senior Planner

cc file, Peter Gregory

3117 Rose Hill, The King Farm, Woodstock, VT 05091
802.457.3188, fax: 802.457.4728, www.trorc.org

State of Vermont
Hazard Mitigation Grant Program
Project Application

FEMA Disaster Code:	FEMA- DR- 1778 VT	Date Submitted:	3/31/2009
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Part 1:	Applicant Information
----------------	------------------------------

Applicant Name: <small>(Eligible Applicant i.e. local government, state agency, non-profit)</small>	Two Rivers-Ottauquechee Regional Commission
County:	Addison, Windsor, Rutland, 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:	Kevin Geiger,		
Title:	Senior Planner		
Organization:	Two Rivers-Ottauquechee 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:	

Secondary Contact Information

Name:	Pete Fellows		
Title:	GIS Manager		
Organization:	Two Rivers-Ottauquechee 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:	

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

Location of Project:	Latitude:	NA	Longitude:	NA	<i>(in decimals)</i>
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Identify adjacent roads/streets and bodies of water: Entire commission area: Main rivers include White, Connecticut, Ompompanoosuc, Waits, Wells, Tweed, and Ottauquechee

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:
(What's Happening?)

Town regulatory officials, landowners, realtors and banks are all in need of training to deal with properties in or near mapped flood areas in terms of what the local regulations may require, how to comply with these, how to use and make the new DFIRMs, what the implications are for properties within flood hazard areas (especially if they believe they are in these areas erroneously), and how to go through a LOMA process.

Supporting Documentation: <i>(Attach)</i>		Photos
	<input type="checkbox"/>	Engineering Studies
	<input 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
		NA		
Total Damage				
Part 3:		Project Objective		
Project Objective		Educate residents, town officials, realtors, banks, and others about implications of FEMA DFIRMs, flood insurance requirements, the limitations of DFIRMS, common local regulatory issues, and disaster response and recovery facts and myths. This education will help people to more clearly understand why it is important to regulate development and minimize risks, help them use the regulatory tools they have (but may have ignored), and lessen the surprises that can come with refinancing or during flood recovery.		
Part 4:		Analysis of Alternative Solutions		
Alternative Solutions				
Alternative Solution	Brief Title	Description of Alternative		
1	NA			
3	No Action	No Action		
Supporting Documentation: <i>(Attach)</i>	<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) <i>(Attached)</i>		
Preferred Alternative				
Chosen Alternative:				
Justification:		NA		
Part 5:		Project Description		
Project Description		The project will involve several efforts revolving around education on floodplain management. For realtors, this will involve presenting the course developed and approved for realtors in Windsor County to those in Orange County, and the creation of formal presentation materials, so that other regional commissions can offer this in their own areas if desired. For local officials involved in floodplain regulations, this will involve three roundtable-type meetings around the region to review the hazards present in floodplains and fluvial hazard areas, the various specialized terms used in flood hazard bylaws, standard provisions, and common issues in administration, especially "A" zones and disputed flood maps. For landowners near streams and rivers, three presentations will be given around the region to inform them of the special flood and erosion risks they face along streams and rivers, stream alteration permits, NFIP insurance issues, disaster recovery myths, flood resistant building, how to find if their property is mapped as a flood/fluvial hazard area, and the LOMA process. Lastly, the TRORC website section on floodplains will be revamped.		
Expected Life of Project		7/2009-6/2010		
Supporting Documentation: <i>(Attach)</i>	<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	130	hours	75	\$9,750
Travel	652	miles	0.55	\$359
Meeting expense	7	meeting	40	\$280
Notices	4	ad	100	\$400
Printing/Copying	3000	page	0.05	\$150
Mailing	200	letter mailing	0.42	\$84
			Total Project Cost Estimate	\$11,023

Summary of Project Costs

A		Total Project Costs		\$11,023
B		FEMA Share (75% of Line A)		\$8,267
C		Local Share (25% of Line A) Note: The sum of lines 1-3 must equal Line C		\$2,756
		1. Cash		\$2,000
		2. In-Kind Service		
		3. Other		\$755
D		Total Local Share (Equal to Line C)		\$2,755
E		Total Project Costs (Line B + Line D) Note: Line A and D are equal		\$11,022

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	
Total Damages		Years of Damage	NA
Annualized Damages = Total Damages/Years of record		Annualized Damages	
Annualized Damages		Expected Life of Project	
Anticipated Damages without project over time = Annualized damages* Expected life of project		Anticipated Damage without Project (Anticipated Loss or Benefit)	
Benefit/Cost Ratio = Anticipated Loss or Benefit /Total Cost		Benefit/Cost Ratio	NA

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	
Develop presentations	3	
Set up meeting locations and provide notices	2	
Conduct all meetings	10	
Update website content and programming	3	

Part 8:	Technical Confirmation	
---------	------------------------	--

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 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.

	
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<i>Authorized Agent's Signature</i>	<i>Date</i>
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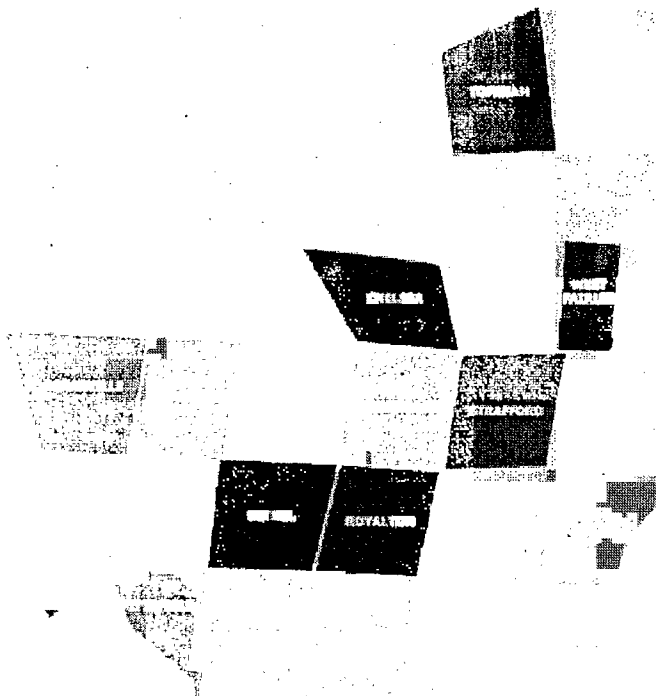
Information

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- [Housing](#)
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- [Transportation Planning](#)
- [Water Quality](#)

Member Towns

As a service to our region, we have collected useful information about each of our Member Towns. This information includes contact information, Town Clerk's hours, any available town documents (Town Plans, Zoning, etc.) and maps. This database is continuously being updated.

Click on a town in the map below, or select from the menu to the right for information on each of our member towns.



Member Towns

- [Barnard](#)
- [Bethel](#)
- [Bradford](#)
- [Braintree](#)
- [Bridgewater](#)
- [Brookfield](#)
- [Chelsea](#)
- [Corinth](#)
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Two Rivers - Ottauquechee Regional Commission, 3117 Rose Hill, Woodstock, VT 05091

Tel: 802-457-3188 | Fax: 802-457-4728 | email: info@trorc.org

Copyright 2009 - TRORC - email: webmaster@trorc.org

State of Vermont
Hazard Mitigation Grant Program
Project Application

FEMA Disaster Code:	FEMA- DR- 1778 VT	Date Submitted:	3/31/2009
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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>	Two Rivers-Ottawaquechee Regional Commission
County:	Addison, Windsor, Rutland, 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:	Kevin Geiger		
Title:	Senior Planner		
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:	

Secondary Contact Information	
--------------------------------------	--

Name:	Pete Fellows		
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:	

Part 2:	Problem Description
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Location of Project:	Latitude:	NA	Longitude:	NA	<i>(in decimals)</i>
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Identify adjacent roads/streets and bodies of water:	Entire commission area: Main rivers include White, Connecticut, Ompompanoosuc, Waits, Wells, Tweed, and Ottawaquechee
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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: <i>(What's Happening?)</i>	<p>Town regulatory officials, landowners, realtors and banks are all in need of training to deal with properties in or near mapped flood areas in terms of what the local regulations may require, how to comply with these, how to use and make the new DFIRMs, what the implications are for properties within flood hazard areas (especially if they believe they are in these areas erroneously), and how to go through a LOMA process.</p> <p style="text-align: center;"><input type="checkbox"/></p>
---	---

Supporting Documentation: <i>(Attach)</i>	<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
		NA		
Total Damage				

Part 3:	Project Objective
Project Objective	Educate residents, town officials, realtors, banks, and others about implications of FEMA DFIRMS, flood insurance requirements, the limitations of DFIRMS, common local regulatory issues, and disaster response and recovery facts and myths. This education will help people to more clearly understand why it is important to regulate development and minimize risks, help them use the regulatory tools they have (but may have ignored), and lessen the surprises that can come with refinancing or during flood recovery.

Part 4:	Analysis of Alternative Solutions
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Alternative Solutions	
Alternative Solution	Description of Alternative
1	NA
2	
3	No Action
Supporting Documentation: <i>(Attach)</i>	<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	The project will involve several efforts revolving around education on floodplain management. For realtors, this will involve presenting the course developed and approved for realtors in Windsor County to those in Orange County, as well as the creation of formal presentation materials, so that other regional commissions can offer this in their own areas if desired. For local officials involved in floodplain regulations, this will involve three roundtable-type meetings around the region to review the hazards present in floodplains and fluvial hazard areas, the various specialized terms used in flood hazard bylaws, standard provisions, and common issues in administration, especially "A" zones and disputed flood maps. For landowners near streams and rivers, three presentations will be given around the region to inform them of the special flood and erosion risks they face along streams and rivers, stream alteration permits, NFIP insurance issues, disaster recovery myths, flood resistant building, how to find if their property is mapped as a flood/fluvial hazard area, and the LOMA process. Lastly, the TRORC website section on floodplains will be revamped.
Expected Life of Project	7/2009-6/2010

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

Project Costs for Preferred Alternative

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Part 7:		Scope of Work	
Task Description		Days to Complete	
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Part 8:		Technical Confirmation	
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 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>Authorized Agent's Signature</i>		<i>Date</i>	



FEMA

President Declares Major Disaster For Vermont

Release Date: July 15, 2008

Release Number: HQ-08-139

» More Information on Vermont Severe Storms and Flooding

» En Español

WASHINGTON, D.C. -- The head of the U.S. Department of Homeland Security's Federal Emergency Management Agency (FEMA) today announced that federal disaster aid has been made available for Vermont to supplement state and local recovery efforts in the area by severe storms and flooding during the period of June 14-17, 2008.

FEMA Administrator David Paulison said federal funding is available to state and eligible local governments and certain private nonprofit organizations on a cost-sharing basis for emergency work and the repair or replacement of facilities damaged by the severe storms and flooding in Addison and Franklin counties.

Federal funding is also available on a cost-sharing basis for hazard mitigation measures statewide.

Paulison named Philip E. Parr the federal coordinating officer for federal recovery operations in the affected area. Parr said additional designations may be made at a later date if requested by the state and warranted by the results of further damage assessments.

FEMA coordinates the federal government's role in preparing for, preventing, mitigating the effects of, responding to, and recovering from all domestic disasters, whether natural or man-made, including acts of terror.



Vermont Severe Storms and Flooding – FEMA-1778-DR

Declared July 15, 2008

On June 27, 2008, Governor James H. Douglas requested a major disaster declaration due to excessive rainfall during the period of June 14-17, 2008. The Governor requested a declaration for Public Assistance for two counties and Hazard Mitigation for all counties. During the period of June 19-24, 2008, joint Federal, State, and local Preliminary Damage Assessments (PDAs) were conducted in the requested counties and are summarized below. PDAs estimate damages immediately after an event and are considered, along with several other factors, in determining whether a disaster is of such severity and magnitude that effective response is beyond the capabilities of the State and the affected local governments, and that Federal assistance is necessary.¹

On July 15, 2008, President Bush declared that a major disaster exists in the State of Vermont. This declaration made Public Assistance requested by the Governor available to State and eligible local governments and certain private nonprofit organizations on a cost-sharing basis for emergency work and the repair or replacement of facilities damaged by the severe storms and flooding in Addison and Franklin Counties. This declaration also made Hazard Mitigation Grant Program assistance requested by the Governor available for hazard mitigation measures statewide.²

Summary of Damage Assessment Information Used in Determining Whether to Declare a Major Disaster

Individual Assistance - (Not requested)

- Total Number of Residences Impacted:³ -
 - Destroyed - -
 - Major Damage - -
 - Minor Damage - -
 - Affected - -
- Percentage of insured residences:⁴ -
- Percentage of low income households:⁵ -
- Percentage of elderly households:⁶ -
- Total Individual Assistance cost estimate: -

Public Assistance

- Primary Impact: Damage to road systems
- Total Public Assistance cost estimate: \$961,443
- Statewide per capita impact:⁷ \$1.58
- Statewide per capita impact indicator:⁸ \$1.24
- Countywide per capita impact: Addison County (\$13.91)
Franklin County (\$6.12)
- Countywide per capita impact indicator:⁹ \$3.11



¹ The preliminary damage assessment (PDA) process is a mechanism used to determine the impact and magnitude of damage and resulting needs of individuals, businesses, public sector, and community as a whole. Information collected is used by the State as a basis for the Governor's request for a major disaster or emergency declaration, and by the President in determining a response to the Governor's request (44 CFR § 206.33).

² When a Governor's request for major disaster assistance under the Robert T. Stafford Disaster Relief and Emergency Assistance Act, as amended (Stafford Act) is under review, a number of primary factors are considered to determine whether assistance is warranted. These factors are outlined in FEMA's regulations (44 CFR § 206.48). The President has ultimate discretion and decision making authority to declare major disasters and emergencies under the Stafford Act (42 U.S.C. § 5170 and § 5191).

³ Degree of damage to impacted residences:

- Destroyed – total loss of structure, structure is not economically feasible to repair, or complete failure to major structural components (e.g., collapse of basement walls/foundation, walls or roof);
- Major Damage – substantial failure to structural elements of residence (e.g., walls, floors, foundation), or damage that will take more than 30 days to repair;
- Minor Damage – home is damaged and uninhabitable, but may be made habitable in short period of time with repairs; and
- Affected – some damage to the structure and contents, but still habitable.

⁴ By law, Federal disaster assistance cannot duplicate insurance coverage (44 CFR § 206.48(b)(5)).

⁵ Special populations, such as low-income, the elderly, or the unemployed may indicate a greater need for assistance (44 CFR § 206.48(b)(3)).

⁶ Ibid (44 CFR § 206.48(b)(3)).


⁷ Based on State population in the 2000 Census.

⁸ Statewide Per Capita Impact Indicator for FY08, *Federal Register*, October 1, 2007.

⁹ Countywide Per Capita Impact Indicator for FY08, *Federal Register*, October 1, 2007.



Memo

To: David Beatty, Budget & Management Analyst
From: Tracy O'Connell, Programs Administration Supervisor 
Date: 09/24/09
CC: file
Re: Request for Grant Acceptance

Attached you will find a Request for Grant Acceptance for the Hazard Mitigation Grant Program, Disaster #1778, received from FEMA.

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

Thank you.