

Milton Selectboard Meeting
November 3, 2014 after Liquor Board Meeting at 6:00 p.m.
Fire Station Training Room

Use of cell phones is prohibited during the meeting. Please shut them off or silence them.

AGENDA

- I. Call to Order**
- II. Flag Salute**
- III. Agenda Review**
- IV. Public Forum**
The Public Forum will be limited to five minutes per person. All participants must sign in and clearly state their name. No action will be taken on items raised until a subsequent meeting (if action is needed by the Selectboard).
- V. Appointments and/or Resignations**
 - A) Planning Commission – 4 Year Term to expire June 30, 2018**
(Consider Applications and Appointment)
Jay Mitiguy and John Lindsay, Applicants
 - B) Conservation Commission – 4 Year Term to Expire June 30, 2017**
(Consider Application and Appointment)
Dan Gaherty, Applicant
 - C) Community Champion Award Committee – 1 Year Term to Expire June 30, 2015**
(Consider Application and Appointment)
Sharon Radtke, Applicant
- VI. New Business and Department Items**
 - D) East Road Bridge #6 Engineering Report**
(Presentation of Engineering Investigation and Recommendations, Project has been submitted to VTrans to be Prioritized for Future Funding)
Roger Hunt, Public Works Director and Peter Bero, Project Manager, DuBois and King, Inc.
 - E) VTrans January 2013 Codes and Standards**
(Consider Resolution to Adopt Standards)
Brian Palaia, Town Manager and Roger Hunt, Public Works Director
 - F) Private Fire Hydrant Maintenance Agreement with Bove's of Vermont**
(Consider Authorizing Agreement)
Brian Palaia, Town Manager and Roger Hunt, Public Works Director

G) Review Topics for Legislative Breakfast

(Discussion)

Brian Palaia, Town Manager

H) Amendment to the Capital Plan to Adjust Impact Fee Allocation

(Consider Authorizing Amendment to Capital Plan)

Brian Palaia, Town Manager

I) Business Card Limit Increase

(Consider Authorizing Resolution to Increase Limit on Business Card)

Brian Palaia, Town Manager

VII. Old Business

J) Update on US-7 / Middle Road / Railroad Street Intersection

(Update on Communications Related to this Project)

Brian Palaia, Town Manager

VIII. Reconsideration

IX. Manager's Update

X. Potential and/or Future Agenda Items

XI. Minutes of October 20, 2014

(To approve with or without corrections)

XII. Warrant/Report #9

(To approve with or without corrections)

Supplemental Warrant - Debt Service Revision due to Federal Sequestration

(Authorization of Revised Payment Schedule)

XIII. Possible/Anticipated Executive Session per V.S.A. Title 1 Section 313

XIV. Adjournment

Posted **October 31, 2014** on the official bulletin board in the lobby of the Municipal Building; to the Town website; emailed to the Burlington Free Press, Milton Independent, Lake Champlain Access Television, Fox 44 News, WPTZ, and WCAX; and posted in two other places within the Town of Milton and filed with the Town Clerk.

Signed: _____

Brian Palaia, Town Manager

10-30-14

VACANCY APPLICATION FORM

TOWN OF MILTON BOARDS, COMMISSIONS, COMMITTEES & OFFICERS

Pursuant to the Milton Town Charter, applicants' names for board, commission, committee, and officer positions listed in §306 are subject to disclosure in the Selectboard Minutes. The Selectboard retains the option of conducting the interview in Open Meeting or in Executive Session. Disclaimer: the content of this application may be considered public record and may be subject to disclosure under State and Federal law. This application only applies to positions covered by the Town's Vacancy Policy. **Submit your complete application to the Town Manager's Office at 43 Bombardier Rd. Milton, VT 05468 (M-F 8 a.m. to 5 p.m.) or by e-mail to bcomstock@town.milton.vt.us.**

Full Legal Name: James Michael Mitiguy Preferred First Name: Jay

Position Sought: Planning Commission Term: _____

Legal Address: 31 Sampsonville Way, Milton, VT, 05468

Mailing Address: 31 Sampsonville Way, Milton, VT, 05468

Telephone Number(s): 802-324-8500

E-mail: jaymitiguy@gmail.com

Are you a registered voter in the Town of Milton?* Yes

**Applicants for the offices of Zoning Administrator, Health Officer, Town Attorney, Pound Keeper and Planning Director are not required to be legally registered voters in the Town of Milton.*

To complete your application, you must submit the Criminal Background Information form attached to this application as well as the Supplemental Information form (or a cover letter) which includes the following:

- Any prior municipal or public service;
- Your motivations; and
- Any beneficial qualifications.

CONFLICTS OF INTEREST & ETHICS ACKNOWLEDGEMENT

By initialing here JMM you acknowledge that you have read and understood the *Town Charter's* provisions on conflicts of interests & ethics that are attached to this application.

CONDUCT ACKNOWLEDGEMENT

By initialing here JMM you acknowledge that you have read and understood the Town's *Guidelines and Ground Rules for Committees, Commissions and Boards* attached to this application.

ACCURACY ACKNOWLEDGEMENT

By signing here you acknowledge: All information provided is accurate and complete to the best of your ability; and, you understand the Selectboard has the authority to remove members appointed by them in accordance with the *Milton Town Charter, Administrative Code* and Vermont State Statute, as applicable, for misrepresentation of any statement made on this application.

Signature: James Mitiguy Date: 10/6/2014

Digitally signed by James Mitiguy
DN: cn=James Mitiguy, o=, ou, email=jaymitiguy@gmail.com, c=US
Date: 2014.10.06 12:10:38 -0400

OFFICE USE ONLY

Applicant has been notified by Ann Janda (staff name) via email (phone/e-mail) on 10/8 (date) to attend the Selectboard meeting on _____ (date). Applicant confirmed on 10/8 (date). The position being sought (requires/does not require) that the applicant be a legal voter of Milton. Voter registration verified by Ann Janda (staff) on 10/8 (date). If incumbent, last year's attendance record is _____.

Background check completed 10/15 - AJ

SUPPLEMENTAL INFORMATION

(You may use this page or enclose your own cover letter covering the topics below.)

Prior Municipal or Public Service:

If applicable, please list and prior municipal or public service experience you have had.

NA

Motivations for Service

Please explain why you would like to serve your community.

As a co-owner/owner of three Milton based businesses, I have strong interests in the planning, and economic development of our town. Not only are these businesses major tax contributors to the town, but they employ upwards of 100 Milton residents. Knowing that, I want to help provide them the opportunity to enjoy where they live, in a growing and prosperous community.

Beneficial Qualifications:

Please list any qualifications you have that would be a benefit to the position sought.

Over 5 years in corporate management. Limited experience in land development, as well as a strong understanding of residential real estate. I also believe that given my background in business, specifically finance, I will grasp the fiduciary side of this position very quickly.

CRIMINAL BACKGROUND FORM

Full Legal Name: James Michael Mitiguy

Previous Names or Aliases: Jay Mitiguy

Date of Birth: 12/31/1984

CRIMINAL CONVICTIONS RECORDS HISTORY AUTHORIZATION

By signing here you understand that a Criminal Convictions Records History will be obtained by the Town of Milton's Duly Authorized Agent from the Vermont Criminal Information Center, as permitted by law.

Signature: James Mitiguy

Digitally signed by James Mitiguy
DN: cn=James Mitiguy, o=00, email=jaymitiguy@gmail.com, c=US
Date: 2014.10.06 12:13:45 -0400

Date: 10/6/2014

Do you have any Criminal Background? YES NO

Explanation of Criminal Background

If yes, please list the details of any criminal offenses, violations, charges, or convictions (other than minor traffic violations), including where and when the offense(s) occurred.

N/A

VACANCY APPLICATION FORM

TOWN OF MILTON BOARDS, COMMISSIONS, COMMITTEES & OFFICERS

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Full Legal Name: John James Lindsay Preferred First Name: John

Position Sought: PLANNING Commission Term: _____

Legal Address: 97 Arrowhead Ave Milton VT 05468

Mailing Address: SAME

Telephone Number(s): 802-734-4436 cell 802-893-4077 home

E-mail: JohnLindsayTD@Comcast.NET

Are you a registered voter in the Town of Milton?* YES

*Applicants for the offices of Zoning Administrator, Health Officer, Town Attorney, Pound Keeper and Planning Director are not required to be legally registered voters in the Town of Milton.

To complete your application, you must submit the Criminal Background Information form attached to this application as well as the Supplemental Information form (or a cover letter) which includes the following:

- Any prior municipal or public service;
- Your motivations; and
- Any beneficial qualifications.

CONFLICTS OF INTEREST & ETHICS ACKNOWLEDGEMENT

By initialing here X you acknowledge that you have read and understood the *Town Charter's* provisions on conflicts of interests & ethics that are attached to this application.

CONDUCT ACKNOWLEDGEMENT

By initialing here X you acknowledge that you have read and understood the Town's *Guidelines and Ground Rules for Committees, Commissions and Boards* attached to this application.

ACCURACY ACKNOWLEDGEMENT

By signing here you acknowledge: All information provided is accurate and complete to the best of your ability; and, you understand the Selectboard has the authority to remove members appointed by them in accordance with the *Milton Town Charter, Administrative Code* and Vermont State Statute, as applicable, for misrepresentation of any statement made on this application.

Signature: John James Lindsay Date: 10/29/2014

OFFICE USE ONLY

Applicant has been notified by AJ (staff name) via email (phone/e-mail) on 10/30/14 (date) to attend the Selectboard meeting on 11/3/14 (date). Applicant confirmed on 10/30/14 (date). The position being sought does (requires/does not require) that the applicant be a legal voter of Milton. Voter registration verified by AJ (staff) on 10/30/14 (date). If incumbent, last year's attendance record is _____.

Background check already on file - AJ

John James Lindsay

97 Arrowhead ave

Milton VT, 05468

802-893-4077 home

802-734-4436 cell

Johnlindsaytd@comcast.net

Current Member – Milton Recreation Commission 18+ Years

Theater Technical Director Milton High School 20+ Years

Leader of Milton's 250th Birthday Committee

45+ Year Resident of Milton

Milton is a growing community that has many advantages and challenges.

The diverse interests of personal, town, state, public, private, residential, natural, developed, recreational and commercial need to be thoughtfully and deliberately examined to create a vibrant community.

The current and future needs of the community must be balanced and planned during the commission discussions. Most importantly, the conclusions must be able to be presented and supported, to the public, to be the best of all possibilities considered or, if there is no clear choice, then provide an accounting of the given choices for public consideration. Including doing nothing.

I would like to be a part of helping sheppard Milton into the future.

CRIMINAL BACKGROUND FORM

Full Legal Name: John James Lindsay

Previous Names or Aliases: None

Date of Birth: 10/04/1963

CRIMINAL CONVICTIONS RECORDS HISTORY AUTHORIZATION

By signing here you understand that a Criminal Convictions Records History will be obtained by the Town of Milton's Duly Authorized Agent from the Vermont Criminal Information Center, as permitted by law.

Signature: John Lindsay Date: 10/25/2014

Do you have any Criminal Background? YES NO

Explanation of Criminal Background

If yes, please list the details of any criminal offenses, violations, charges, or convictions (other than minor traffic violations), including where and when the offense(s) occurred.

I HAVE HAD THIS DONE FOR THE RECREATION COMMISSION IF THAT CAN BE USED FOR THIS AS WELL.

VACANCY APPLICATION FORM

TOWN OF MILTON BOARDS, COMMISSIONS, COMMITTEES & OFFICERS

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Full Legal Name: Daniel Gaherty Preferred First Name: Dan

Position Sought: Conservation Commision Term: _____

Legal Address: 16 McCormick Place, Milton, VT 05468

Mailing Address: same

Telephone Number(s): 802-393-0085

E-mail: dangaherty@gmail.com

Are you a registered voter in the Town of Milton?* yes

**Applicants for the offices of Zoning Administrator, Health Officer, Town Attorney, Pound Keeper and Planning Director are not required to be legally registered voters in the Town of Milton.*

To complete your application, you must submit the Criminal Background Information form attached to this application as well as the Supplemental Information form (or a cover letter) which includes the following:

- Any prior municipal or public service;
- Your motivations; and
- Any beneficial qualifications.

CONFLICTS OF INTEREST & ETHICS ACKNOWLEDGEMENT

By initialing here DJG you acknowledge that you have read and understood the *Town Charter's* provisions on conflicts of interests & ethics that are attached to this application.

CONDUCT ACKNOWLEDGEMENT

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ACCURACY ACKNOWLEDGEMENT

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Signature:  Date: Oct. 16, 2014

OFFICE USE ONLY

Applicant has been notified by Ann Jarda (staff name) via in person (phone/e-mail) on 10/22 (date) to attend the Selectboard meeting on 11/3 (date). Applicant confirmed on 10/22 (date). The position being sought does (requires/does not require) that the applicant be a legal voter of Milton. Voter registration verified by Ann Jarda (Staff) on 10/22 (date). If incumbent, last year's attendance record is _____.

Background check completed 10/23 - AJ

SUPPLEMENTAL INFORMATION

(You may use this page or enclose your own cover letter covering the topics below.)

Prior Municipal or Public Service:

If applicable, please list and prior municipal or public service experience you have had.

Milton Conservation Commission (2000-2004), Eagle Mountain Committee

Motivations for Service

Please explain why you would like to serve your community.

I am very interested in assisting with the maintenance of the valuable land resources in Milton.

Beneficial Qualifications:

Please list any qualifications you have that would be a benefit to the position sought.

Previous Conservation Commission experience.

CRIMINAL BACKGROUND FORM

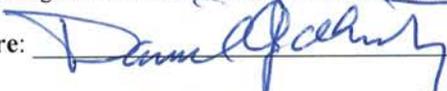
Full Legal Name: Daniel Joseph Gaherty

Previous Names or Aliases: _____

Date of Birth: February 28, 1952

CRIMINAL CONVICTIONS RECORDS HISTORY AUTHORIZATION

By signing here you understand that a Criminal Convictions Records History will be obtained by the Town of Milton's Duly Authorized Agent from the Vermont Criminal Information Center, as permitted by law.

Signature:  Date: 10-16-14

Do you have any Criminal Background? YES NO

Explanation of Criminal Background

If yes, please list the details of any criminal offenses, violations, charges, or convictions (other than minor traffic violations), including where and when the offense(s) occurred.

VACANCY APPLICATION FORM

TOWN OF MILTON BOARDS, COMMISSIONS, COMMITTEES & OFFICERS

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Full Legal Name: Sharon Radtke Preferred First Name: Sharon

Position Sought: Community Champion Award Committee Term: _____

Legal Address: 205 Everest Road Milton, VT 05468

Mailing Address: same

Telephone Number(s): 802-893-4082

E-mail: sharon@sharonteventslc.com

Are you a registered voter in the Town of Milton? * yes

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To complete your application, you must submit the **Criminal Background Information** form attached to this application as well as the **Supplemental Information** form (or a cover letter) which includes the following:

- Any prior municipal or public service;
- Your motivations; and
- Any beneficial qualifications.

CONFLICTS OF INTEREST & ETHICS ACKNOWLEDGEMENT

By initialing here _____ you acknowledge that you have read and understood the *Town Charter's* provisions on conflicts of interests & ethics that are attached to this application.

CONDUCT ACKNOWLEDGEMENT

By initialing here _____ you acknowledge that you have read and understood the Town's *Guidelines and Ground Rules for Committees, Commissions and Boards* attached to this application.

ACCURACY ACKNOWLEDGEMENT

By signing here you acknowledge: All information provided is accurate and complete to the best of your ability; and, you understand the Selectboard has the authority to remove members appointed by them in accordance with the *Milton Town Charter, Administrative Code* and Vermont State Statute, as applicable, for misrepresentation of any statement made on this application.

Signature: Sharon Radtke Date: 10-24-14

OFFICE USE ONLY

Applicant has been notified by Ann Jorde (staff name) via in person (phone/e-mail) on 10-27-14 (date) to attend the Selectboard meeting on 11/3/14 (date). Applicant confirmed on 10-27-14 (date). The position being sought does (requires/does not require) that the applicant be a legal voter of Milton. Voter registration verified by AJ (staff) on 6/16/14 (date). If incumbent, last year's attendance record is _____.

Already has background check on file - AJ

SUPPLEMENTAL INFORMATION

(You may use this page or enclose your own cover letter covering the topics below.)

Prior Municipal or Public Service:

If applicable, please list and prior municipal or public service experience you have had.

Worked for City of EAST LANSING, MI
for 8 yrs. - AB Events & Marketing
Coordinator & ARTS PROGRAM
Coordinator.

Motivations for Service

Please explain why you would like to serve your community.

I oversaw the Crystal
Awards Program in East
Lansing which I believe
is a model for the Community
Champion Awards.

Beneficial Qualifications:

Please list any qualifications you have that would be a benefit to the position sought.

- Prior experience with
City of East Lansing
- own events business
Sharox T Events, LLC
- Commissioner of PARKS &
Recreation Commission
in Metro

CRIMINAL BACKGROUND FORM

Full Legal Name:

SHARON RADTKE

Previous Names or Aliases:

Thompson - MAIDEN Name

Date of Birth:

2-26-1951

CRIMINAL CONVICTIONS RECORDS HISTORY AUTHORIZATION

By signing here you understand that a Criminal Convictions Records History will be obtained by the Town of Milton's Duly Authorized Agent from the Vermont Criminal Information Center, as permitted by law.

Signature:

Sharon Radtke

Date:

10-27-14

Do you have any Criminal Background? YES NO

Explanation of Criminal Background

If yes, please list the details of any criminal offenses, violations, charges, or convictions (other than minor traffic violations), including where and when the offense(s) occurred.

**East Road Bridge #6
Engineering Investigation**

**Roger Hunt, Public Works Director and
Peter Bero, Project Manager, Dubois and King, Inc.**

TOWN OF MILTON, VERMONT

**EAST ROAD BRIDGE OVER THE UNNAMED TRIBUTARY OF
MALLETTS CREEK
BRIDGE NO. B-6**

**ENGINEERING INVESTIGATION AND
RECOMMENDATIONS STUDY**



March 2014
D & K Project No. 622033



ENGINEERING – PLANNING – DEVELOPMENT – MANAGEMENT

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Introduction

The East Road (Town Highway No. 5) Bridge No. B-6 over the Unnamed Tributary of Malletts Creek improvements project was initiated in April 2013 by the Town of Milton, VT. Initially, the Town received a Structures Grant from VTrans under the Town Highway Structures Program to fund the project. The goals envisioned by the Town under this project included:



- Provide design, detailed plans for construction, and a detailed cost estimate for improvements to the existing bridge to include modifications to the wingwalls and the existing deck that allow for the bridge to be widened.
- Preserve motor vehicle and pedestrian access throughout construction, maintain the road grade to minimize impact to adjacent properties, minimize any potential historic impacts, minimize impacts to the Unnamed Tributary of Malletts Creek and surrounding wetlands and obtain permits needed to construct the project.

D&K prepared a Preliminary Engineering Investigation and Recommendations Report dated August 28, 2013 based on these goals. The conclusion of this preliminary report was that replacement of the existing structure was necessary because of advanced deterioration. See Appendix I for the complete Preliminary Engineering Investigation and Recommendations Report dated August 28, 2013.

The Town agreed with the findings of the preliminary report and has decided to use a portion of the Structures Grant to fund a study to determine the best replacement option.

The preliminary report determined the following:

- The existing structure needs replacement because of advanced deterioration.
- The ideal rail-to-rail width should be 29-feet for a 2-lane bridge at this location.
- Motor vehicle and pedestrian access throughout construction can be maintained by utilizing staged construction.
- Maintaining the road grade and minimizing impact to adjacent properties is possible because the profile grade is adequate.
- Minimizing any potential historic impacts will be achieved by maintaining the current alignment.
- Minimizing impacts to the Unnamed Tributary of Malletts Creek and the surrounding wetlands will be achieved by maintaining the current alignment.

Site Inspection

The site inspection was conducted on July 16, 2013 and consisted of D&K engineers visiting the site and making visual observations of the existing bridge, roadway approaches, streambed conditions, site constrictions, and documentation of the existing bridge. The site inspection concluded with a photo documenting the entire site and surroundings.



The existing East Road Bridge No. B-6 spans approximately 12' - 10" over the Unnamed Tributary of Malletts Creek and is comprised of a 16-inch thick cast-in-place concrete slab superstructure, supported on cast-in-place concrete abutments. It is not known when the bridge was built, but the bridge has experienced significant deterioration to the superstructure and substructure over its service life. The bridge is currently in poor condition.

The bridge is located approximately $\frac{3}{4}$ of a mile northeast of the intersection of Marris Hollow Road and East Road, between the intersections of East Road with Marris Hollow Road and Duffy Road. The existing bridge railings are cast-in-place concrete parapets with galvanized steel guardrail mounted along the inside face. The guardrails along each approach are galvanized steel beams with an average length of 71' - 7" on each corner, and the rails have significant collision damage throughout. In addition, the bridge has a width of 20' - 8" railing-to-railing which is considered "narrow" for a true two lane bridge. East Road is a paved road and is classified as a rural, local road by VTrans. The west approach pavement width is approximately 20' - 10" while the east approach pavement width is approximately 21' - 8". There are no known underground or overhead utilities in the bridge area.

Field Survey

The field survey and development of a basemap was performed in January 2014, under the direction of D&K's Licensed Land Surveyor. Exposed features including East Road, the Unnamed Tributary of Malletts Creek, the existing bridge, adjacent property features and tree lines were obtained within the vicinity of the bridge. A basemap and digital terrain model were then developed from the field survey of the project area. An Existing and Proposed Conditions Site Plan are included in Appendix C and D respectively.

Subsurface Investigation

Subsurface investigations were performed in March 2014 and consisted of obtaining three (3) soil borings at the existing bridge. Boring B1 was advanced 7-feet, boring B2 was advanced 31.5-feet and boring B3 was advanced 11-feet. Split spoon sampling was

conducted at 5-foot intervals through the borings. Boring logs were recorded and soil classifications were performed. The Subsurface Boring Logs are included in Appendix A.

Soil boring B1 was performed on the south side of the existing bridge and bedrock was encountered at the bottom of the boring.

Soil boring B2 was performed on the north side of the existing bridge and bedrock was encountered at the bottom of the boring.

Soil boring B3 was performed on the south side of the existing bridge and bedrock was encountered at the bottom of the boring.

An evaluation of the boring information led to a recommendation of a new concrete spread footing bearing directly on the bedrock for the south abutment and supported on piles for the north abutment to support the new replacement structure. The bottom of the new spread footings should be a minimum of 5-feet below the streambed for frost protection and 6-feet below the streambed for scour protection.

Hydrologic and Hydraulic Analysis

An important step in planning for a proposed bridge replacement over a waterway is the determination of the required area of the bridge opening to pass specified storm flow events. VTrans bridge design guidelines recommend that Vermont town highway bridges be designed to accommodate a 25-year storm with 1-foot minimum of freeboard. Due to the inconvenience that would result in having this bridge washed out in the future, the 100-year storm has also been evaluated. Maintaining the 100-year storm elevation below the proposed bridge low chord elevation would be beneficial, especially if the cost difference is minimal.

Hydrology

The purpose of the hydraulic analysis is to determine the peak rates of discharge into the Unnamed Tributary of Malletts Creek at the East Road Bridge. The specific discharge flows that were used for the hydraulic analysis were the 25-year storm event, as identified by the VTrans Bridge Design Manual, and the 100-year storm event, which is of interest in sizing the proposed replacement bridge. Peak river discharges for the storm events were estimated at the proposed bridge site using a number of hydrologic methods typically used by the State of Vermont Agency of Transportation (VTrans). VTrans performed a similar hydrologic analysis in May of 2002. Ultimately, the more conservative peak river discharges were selected which are slightly higher than the VTrans hydrologic analysis in May of 2002.

The drainage area of watershed at the bridge was delineated on the USGS quadrangle map, included in the complete H&H report in Appendix B. The

drainage area was measured to be approximately 5.2-square miles. The watershed's main channel slope is approximately 4.8-feet per mile. The peak discharges are included in Appendix B and summarized in the table below.

Flood flows at the bridge used for this project:

Drainage Area (sq miles)	Peak Discharges (cfs)	
	25-year	100-year
5.2	430	580

Existing Hydraulics

The hydraulic analysis was completed using the U.S. Army Corps of Engineers HEC-RAS Water Surface Profile computer model. HEC-RAS calculates water surface profiles for steady gradually varied flow in natural or man-made channels. HEC-RAS has the capacity to model various obstructions such as bridges, culverts, and other structures. This is a step backwater model that calculates water surface elevations, velocities, shear, and a number of other hydraulic parameters using channel geometry and roughness coefficients for selected peak rates of discharge. The model was developed by preparing cross sections in the Unnamed Tributary of Malletts Creek (obtained through field survey) and coding these and other applicable information into the HEC-RAS model. The model assumes that the bridge opening is completely clear of debris and gravels. In order to represent the characteristics of this type of creek, Manning n-values of the streambed and overbanks of 0.045 and 0.080, respectively, were used for the analysis.

The results of the HEC-RAS analysis indicated that the 12' - 10" by 5' - 10" waterway opening of the existing bridge culvert is not adequate. The 79-square foot waterway opening results in a vertical clearance (freeboard) of approximately -1.1-feet (water level above the bridge low chord) during a 25-year storm and -2.1-feet during a 100-year storm. This freeboard is much less than the VTrans specified 1-foot of freeboard; therefore the existing waterway opening is not adequate.

Proposed Hydraulics

One objective for the analysis of the proposed replacement structure is to confirm that the waterway opening will be of sufficient size to meet the criteria set forth in the VTrans Bridge Manual.

In sizing a new replacement structure, several guidelines were used to determine the proper geometry. The geometry should incorporate the entire minimum waterway opening suggested by the hydraulic analysis. Any new replacement structure should be aligned with the existing channel and constructed on a grade

matching the channel, and be sized to allow the creek to pass through the structure uninhibited. The structure should allow for the easy passage of debris so that it will not be prone to blockage.

Ideally a structure should span the entire width of a waterway from top of bank to top of bank. This situation results in a healthy waterway and provides for an improved aquatic habitat. VTANR recommends providing a bridge hydraulic opening that meets the requirements of 1.2 x bankfull, width; this would result in a 26.4-foot clear hydraulic span and would provide uninhibited flow during a bankfull event (refer to the complete hydraulic report in Appendix B for a discussion on the 1.2 x bankfull, width resulting in a 26.4-foot hydraulic span). We recommend constructing a new bridge that provides 1.2 times the natural 22-foot bankfull width, or at least 26.4-feet, which will satisfy both Federal and State permit requirements. It is our recommendation to replace the structure with a 28-foot clear opening.

The hydraulic analysis has determined that with the proposed structure maintaining the existing bridge roadway surface profile is possible and during a 100-year storm flow event the roadway would not be overtopped. Both of the proposed bridge replacement alternatives would have a similar total structure depth to the existing bridge. However, it should be noted that to have the 28-foot clear hydraulic span arch provide the same equivalent flow area under the low chord as the 28-foot clear hydraulic span rectangular bridge, the roadway surface would need to be raised.

In summary, the following table shows the existing and proposed hydraulic conditions.

The following table summarizes the results of our hydrologic and hydraulic analysis:

Description	Existing	Proposed (28' Span) (Rigid Frame)
Q25		
Water surface elevation (ft.)	267.2	266.7
Freeboard below low chord, (ft.)	-1.1	-0.6
Water overtopping road?	No	No
Q100		
Water surface elevation (ft.)	268.2	267.3
Freeboard below low chord, (ft.)	-2.1	-1.2
Water overtopping road?	No	No

It must be noted that all of the alternatives evaluated do not meet the VTrans guideline for the 25-year flood with 1-foot of headspace. The reason for the lack of headspace at this site is the very flat slope, meandering channel downstream of

the East Road Bridge and a Railroad Bridge downstream. These conditions create a high tail water condition at the bridge. The channel and valley slope downstream of the bridge is 0.0009 ft / ft or 4.8 ft / mile. However, D&K's past experience tells us that VTrans will find the proposed 28-foot clear span acceptable because it meets the bankfull width requirement and reduces river velocities compared to the existing structure.

It is recommended for the replacement bridge that the new south abutment concrete spread footing should be founded directly on the bedrock while the new north abutment concrete spread footing should be supported on piles. Both bottoms of footings should be located at a depth of 6-feet below the streambed to reduce the possibility of scour. To further prevent scour, Stone Fill, is proposed to protect disturbed channel banks.

Structure Replacement Alternatives

D&K has evaluated two structure alternatives for the bridge replacement:

- Alternative No. 1 - Replace the bridge with a precast concrete rigid frame (3 sided box) superstructure. This alternative would also include new wingwalls and bridge and approach guardrails.
- Alternative No. 2 - Replace the bridge with a precast concrete arch superstructure with new wingwalls and bridge and approach guardrails.

In both replacement alternatives the bridge rails would consist of a curb mounted bridge rail option.

D&K has determined that only two (2) structure replacement alternatives are required because of extensive past experience. Precast structures are ideal for this span length. Also, timber is undesirable because of their reduced service life and an integral abutment structure would be difficult to construct at this site because of the shallow depth to ledge.

Alternative No. 1

A precast concrete rigid frame (3 sided box) superstructure and wingwalls (Span L=28').

The proposed structure would have a clear span of approximately 28-feet to satisfy creek geometry requirements and would be designed to support HL-93 live loading. Precast elements would include the rigid frame (3 sided box), headwalls and wingwalls.



Example of a precast concrete rigid frame (3 sided box) superstructure and wingwalls

A superstructure of this type would be supported on concrete spread footings and piles. The precast elements would be manufactured offsite and subsequently installed using a crane. The bridge railing would be mounted on top of headwalls.

The advantages and disadvantages of this alternative are summarized below.

Advantages

- Short construction time; precast units can be placed quickly with a crane
- Long, relatively maintenance free service life – expected to be 75-years
- High quality concrete product due to plant controlled manufacturing
- No bridge deck maintenance required; structure is buried under fill
- Greater hydraulic opening than similar span arch

Disadvantages

- Less aesthetically pleasing than the arch option

A precast concrete rigid frame is the recommended option.

Alternative No. 2

A precast concrete arch superstructure and wingwalls (Span L=28’).

The structure would have a clear span of approximately 28-feet to satisfy creek geometry requirements, and would be designed to support HL-93 live loading. Precast elements would include the arch, headwalls and wingwalls. A superstructure of this type would be supported on concrete spread footings and piles. The precast elements would be manufactured offsite. The precast elements would be installed using a crane. The bridge railing would be mounted on top of headwalls.

The advantages and disadvantages of this alternative are summarized below.

Advantages

- Short construction time; precast units can be placed quickly with a crane
- Long, relatively maintenance free service life – expected to be 75-years
- High quality concrete product due to plant controlled manufacturing
- No bridge deck maintenance required; structure is buried under fill
- Aesthetically pleasing arch shape



Example of a precast concrete arch superstructure and wingwalls

Disadvantages

- Arch has a smaller hydraulic opening for the same span length of a rigid frame requiring that the profile grade be raised with accompanying increases in cost.

A precast concrete arch structure has been eliminated by D&K as a viable option and an opinion of probable construction cost has not been provided. D&K's past experience has concluded that an arch structure would have a higher construction cost and the reduced hydraulic capacity of an arch structure at this bridge location is extremely undesirable.

Conclusion and Recommendations

D&K is recommending bridge Alternative No. 1 (Replace the existing bridge structure with a new precast concrete rigid frame (3 sided box) superstructure and precast wingwalls) for the replacement structure. The replacement structure should be two (2) lanes wide and have a 28-foot clear hydraulic span. This proposed bridge will be economical, practical and quick to construct, durable, and low-maintenance.

D&K has determined that a new 28-foot long clear span structure at this location would cost approximately:

Bridge Construction Cost =	\$520,000
Final Design Engineering, R.O.W. and Construction Inspection =	<u>\$40,000</u>
Total Cost =	\$560,000

This cost is significantly greater than the Town Highway Structure's grant that the Town of Milton currently has to fund the project.

The Town of Milton will need to review the foregoing information and determine what next steps should be taken. Possible steps include using the remaining portion of the Structure's grant along with Town funds to complete the final design and construction or attempt to acquire an additional Structure's grant to offset further final design and construction costs.

APPENDIX A

SUBSURFACE BORING LOGS

MIKE'S BORING & CORING LLC.
 PO Box 75 ° East Barre, Vermont 05649 ° 802 476-5073

TO: Peter Bero DuBois & King, Inc. 6 Green Tree Drive South Burlington, VT 05403	PROJECT NAME: East Rd. Bridge	SHEET: 2
	LOCATION: Milton, VT	DATE: 3-3-14
	MBC JOB #: 14018	HOLE #: B-2
		LINE & STA. OFFSET:

Ground Water Observations none at _0_ hours	Augers-Size I.D. 3.25	Surface Elevation:
	Split Spoon 2"	Date Started: 3-3-14
	Hammer Wt. 140#	Date Completed: 3-3-14
	Hammer Fall 30"	Boring Foreman: Shawn Bijolle
		Inspector:
		Soils Engineer: Peter Bero

LOCATION OF BORING: As shown

Sample Depths From/To (Feet)	Type of Sample	Blows per 6" on Sampler	Moisture Density or Consist.	Strata Change Elev.	Soil Identification	Sample		
						No.	Pen. Inches	Rec. Inches
5'-7'	Dry	3/1/2/3	Damp		Silty sand and grave with some clay and wood fragments	1	24	13
10'-12'	Dry	1/1/1/2	Wet	10.5'	Coarse sand and silty clay	2	24	24
15'-17'	Dry	3/5/6/6	Wet		Gray silty clay	3	24	12
20'-22'	Dry	WORH/WORH/ WORH/WORH	Wet		Gray clay	4	24	24
25'-27'	Dry	14/14/100 for 3"	Wet		Gray clay with glacial till and rock fragments	5	15	24
					Auger refusal at 27.5'			
					Roller rock to 28'			
RUN# 1								
28'-29'	C							
29'-30'	C							
RUN # 2					3.5' of recovery			
30'-31'	C							
31'-31.5'	C							

Ground Surface to 27.5'

Used 3.25" augers:

Then S.S. to refusal then set up to core

Earth Borings 27.5'
 Rock Coring 3.5'
 Samples: 5
 HOLE NUMBER B-2

MIKE'S BORING & CORING LLC.
 PO Box 75 ° East Barre, Vermont 05649 ° 802 476-5073

TO: Peter Bero DuBois & King, Inc. 6 Green Tree Drive South Burlington, VT 05403	PROJECT NAME: East Rd. Bridge	SHEET: 3
	LOCATION: Milton , VT	DATE: 3-4-14
	MBC JOB #: 14018	HOLE #: B-3
		LINE & STA. OFFSET:

Ground Water Observations none at _0_ hours	Augers-Size I.D. 3.25	Surface Elevation:
	Split Spoon 2"	Date Started: 3-4-14
	Hammer Wt. 140#	Date Completed: 3-4-14
	Hammer Fall 30"	Boring Foreman: Shawn Bijolle
		Inspector:
		Soils Engineer: Peter Bero

LOCATION OF BORING: As shown

Sample Depths From/To (Feet)	Type of Sample	Blows per 6" on Sampler	Moisture Density or Consist.	Strata Change Elev.	Soil Identification	Sample		
						No.	Pen. Inches	Rec. Inches
5'-7'	Dry	3/2/3/4	Damp		Silty clay with gray clay with stones	1	24	10
9'-11'	Dry	100 for 6"			Fractured rock	2	6	1
					Off set 9'			
					Drilled with solid augers			
					Refusal at 9'			

Ground Surface to 9' Used 3.25" augers: Then S.S. to refusal at 9.5' off set re-drilled with solid augers
 Earth Borings 18.5'
 Rock Coring
 Samples: 2
 HOLE NUMBER B-3

APPENDIX B

HYDROLOGIC AND HYDRAULIC INFORMATION

Hydrologic and Hydraulic Assessment for Proposed Bridge Replacement

EAST ROAD over an Unnamed Tributary of Mallets Creek

Milton, Vermont

**Prepared for:
Town of Milton, Vermont**



Prepared by:

**DuBois
& King inc.**

March 27, 2014

**Hydrologic and Hydraulic Assessment for
Proposed Bridge Replacement**

**EAST ROAD
Over an Unnamed Tributary of Mallets Creek**

Milton, Vermont

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- A. Photographs and Mapping
- B. Hydrologic Analysis Documentation
- C. Hydraulic Analysis Documentation

1.0 BACKGROUND

This report summarizes DuBois & King's hydrologic and hydraulic study for the proposed replacement of a bridge on East Road over an unnamed tributary of Mallets Creek in Milton, Vermont. A topographic survey was conducted in January 2014. Photographs and a site survey are included in Attachment A.

The existing bridge span is approximately 12.5 feet and the vertical opening from the streambed to the low chord of the bridge is approximately 6.5 feet. The bridge is approximately 20 feet long from upstream to downstream.

Local reports indicate that the existing bridge has been close to overtopping on several occasions but has not been overtopped. There has been no reported flooding associated with ice jams. Beaver activity has been reported in the area but has not caused overtopping flooding.

2.0 DESIGN CONSIDERATIONS

2.1 Hydraulic Capacity

Based on Vermont Agency of Transportation (VAOT) guidelines, highway bridges over rivers and other bodies of water (East Road is a Class 2 Town Highway) should not overtop during the 25-year peak discharge, and there should be 1.0 feet of headspace between the water surface and the bridge's low chord (lowest point on the bridge's superstructure). The guidelines also suggest that consideration be given to the potential effects of the 100-year peak discharge on upstream property, the environment, hazards to human life, and floodplain management criteria. These hydraulic design guidelines apply to open-water conditions. There are no guidelines for hydraulic capacity for ice-affected conditions.

2.2 Ice Jam Potential

There are no factors causing an elevated risk of ice jams at this bridge that would warrant additional design considerations beyond those applicable to open-water conditions.

2.3 Fluvial Geomorphology and Flood Resiliency

Federal and State regulatory agencies require that bridge and culvert designs account for the fluvial geomorphic characteristics of rivers. The intent is to install crossings that maintain the hydraulic continuity through the bridge or culvert opening during bankfull or channel-forming flow conditions. By doing so, sediment and ice transport processes as well as aquatic organism passage are more likely to be maintained. Such structures are typically more flood resilient as well. In general, these objectives can be addressed by making bridge openings at least as wide as the natural bankfull channel width and tall enough to pass flows with remaining open space for debris.

The U.S. Corps of Engineers Programmatic General Permit for Vermont (an umbrella permit that allows most wetland and river projects to avoid an individual Federal permit) requires that stream crossings be based on geomorphic and ecologic principles. The State Stream Alteration General Permit has similar requirements, most notably a required bridge span of at least 1.0

times bankfull channel width for all streams, and spans of 1.2 or more times bankfull width for some stream types. Shorter spans may be permissible under an individual State permit if it can be shown that the fluvial geomorphic characteristics of the stream are accommodated.

The Vermont Agency of Natural Resources (VANR) developed Hydraulic Geometry Curves in 2006, which estimate stream geometric properties based on drainage area for bankfull or channel-forming flow conditions. These curves estimate a bankfull width of 27 feet for this site (Attachment B). It is common for measured bankfull width to be considerably less than the Regional Curves estimate for channels like this one that are relatively flat and have low width-to-depth ratios (Type E streams).

Winter conditions have prevented field-determination of actual width, and a review of orthophotos makes it clear that measuring a reliable width in the field would not likely be possible anyway because of channel alteration due to the bridge, downstream ledge, and upstream beaver activity. Channel width at relatively stable locations on Mallets Creek, measured on high resolution orthophotos, provides an indication of natural bankfull width. Just upstream of the confluence with the Unnamed Tributary, the drainage area is 7.5 square miles and the apparent width (measured at several locations) is approximately 20 feet. Downstream of the confluence with the tributary, the drainage area increases to 12.5 square miles, and the bankfull width is on the order of 30 feet. In both these cases, the natural width is approximately two-thirds the width predicted by the curves. Following this trend, the width at the East Road bridge would be approximately 19 feet. Recognizing the uncertainty in this approach and the difficulty in measuring channel width on orthophotos (even though Type E channels can be well-delineated relative to other types), we would recommend erring on the side of a wider channel, and designing a bridge around a 22-foot natural channel width.

Vermont River Management performs or sponsors Stream Geomorphic Assessments and publishes the reports. Phase I assessments provide general information based on remotely-sensed information. Phase II provides more specific information gathered in the field. A Phase I assessment has been completed for this location. It indicates the reference channel is Type E (low width-to-depth ratio). A Phase II assessment has not been completed.

2.4 Scour Potential

The primary bridge design factors that influence scour potential are the width of the bridge opening, the skew of the opening relative to direction of streamflow, and streambed material. Narrower openings and larger skews increase scour potential. Generally, designing to accommodate fluvial geomorphic considerations (i.e., accommodating bankfull width) also mitigates against excessive scour potential.

Abutment scour at the East Road Bridge has not been evaluated. Based on a visual inspection topographic survey data, there appears to be scour occurring through the center of the bridge opening to a depth of approximately two feet. The State of Vermont Agency of Transportation estimated a scour hole of four feet during a site visit for their preliminary study dated May 2002. To mitigate against scour damage, it is common practice in Vermont to place the bottom of abutments six feet below the streambed or to tie the abutments to ledge.

2.5 Impacts to Adjacent Structures

Stream crossings can impact adjacent properties on the upstream side by creating backwater during high flows. They can also impact properties on the downstream side by directing overtopping flows toward structures.

At the East Road Bridge site, there are no developed properties located upstream of the bridge. The alternatives being considered as part of this project will not increase the upstream flood levels. All alternatives to replace the existing bridge will actually decrease the upstream flood levels.

2.6 Flood Insurance Study

Local municipalities regulate development within floodplains, following the requirements of the National Flood Insurance Program (NFIP). The effective flood insurance rate map (FIRM) for the Town of Milton is dated July 18, 2011. The FIRM map is included in Attachment B. The bridge site is mapped as a flood hazard area Zone A (approximate study).

The Town of Milton, as a participant in the NFIP, must follow the NFIP regulations (Section 60.3) which require a local permit for proposed construction within the flood hazard area. As long as the replacement structure would not cause an increase in flood levels during the 100-year baseflood event (which is the case here since any proposed replacement structure will be at least as big as the existing structure), no additional permitting or FEMA clearance is required. Documentation (such as a copy of this report) that the replacement crossing would not cause an increase in the 100-year baseflood elevation is typically included in the Town's records so it is available in the event of a FEMA audit, and can be available to inform permitting decisions regarding future proposed development near the crossing.

3.0 HYDROLOGY

3.1 Watershed Characteristics

The watershed at the East Road Bridge is a steeply sloped basin that is primarily forested, with some areas of open space. The total contributing drainage area is about 5.2 square miles. The watershed area was measured using the USGS StreamStats on-line. A map is included in Attachment B. The main channel slope for the watershed is approximately 138 feet per mile, or 2.6%. The channel slope at the crossing and downstream of the bridge site is approximately 0.0009 ft/ft or 4.8 ft/mile, based on available LiDAR data.

3.2 Estimated River Discharges

Peak river discharges were estimated at the bridge site using a number of hydrologic methods typically used by State of Vermont Agency of Transportation (VTrans). VTrans performed a similar hydrologic analysis in May of 2002, though newer methods based on more years of data are available that justify the updated analysis. Both VTrans 2002 flows and the flows selected for this project are summarized in Table 1, and documentation is included in Attachment B.

Table 1. Summary of Peak Discharges

Location	Drainage Area (sq mi)	Peak Discharges (cfs)				
		2.33-year	10-year	25-yr	50-year	100-yr
Outdated VTrans Flows, May 2002						
Unnamed Tributary at East Road Bridge	5.5	110	275	365	425	490
Selected Flows						
Unnamed Tributary at East Road Bridge	5.2	150	340	430	500	580

4.0 HYDRAULICS

Hydraulic analysis for the proposed condition was performed using the HEC-RAS computer program. HEC-RAS calculates water surface profiles for steady gradually varied flow in natural or man-made channels. HEC-RAS has the capacity to model various obstructions such as bridges, culverts, weirs and other structures. The program computes a wide range of hydraulic variables for each peak discharge simulated including water surface elevation, velocity, and shear stress.

For this analysis, the starting water surface elevation at the downstream limit of the model was based on the assumption that normal depth occurs downstream of the Railroad bridge over the Malletts Creek. The slope of Malletts Creek downstream of the Railroad Bridge is approximately 0.0009 ft/ft or 4.8 ft/mile. A two-foot contour map obtained from Vermont Center for Geographic Information (VCGI) developed from LIDAR data obtained by the Chittenden County Regional Planning Commission was used to measure the downstream slope.

Cross section geometry used in the model was based on field survey obtained in January 2014. Manning's "n" values (hydraulic roughness of the river channel and its overbanks) were assigned to the channel and overbanks on the basis of field observations and standard reference material. The selected "n" values of the streambed and overbanks were 0.045 and 0.080, respectively.

4.1 Existing Conditions

The existing structure was included in the existing conditions HEC-RAS model. The average measured span between abutments was 12.5 feet. The stream as it approaches the road is skewed relative to the culvert, but the skew does not likely impact bridge hydraulics because a sharp bend in the channel immediately upstream of the bridge would disrupt flow patterns before the bridge entrance. Thus, the existing culvert was coded into the model with no skew effects (i.e., the full width of the opening is assumed to be available with no reduction in effective width due to skew). The vertical rise from the streambed to low chord varies significantly from 5 to 8 feet, and this variation was included in the model. Cross sections upstream and downstream of the structure were based the survey obtained in January 2014. It should also be noted that the north (right, looking downstream) roadway approach elevation (+/- 268.6 ft) is the lowest point in the approaches to the bridge, and would act as a relief spillway during extreme flood events. The low chord of the structure is approximately 2.6 feet below the bridge deck elevation. The configuration is summarized in Table 2.

4.2 Proposed Conditions

Three proposed bridge configurations (Alternative A, B, and C), in addition to existing conditions, were modeled. The configurations are summarized in Table 2. All are rectangular bridge openings of varying spans.

Table 2. Summary of Proposed Bridge Configurations

	Existing	Alt A	Alt B	Alt C
Structure Type	Bridge	Bridge	Bridge	Bridge
Hydraulic Width (ft)	12.5	20	24	27
Vertical Opening (ft) ¹	5-8	5.7	5.7	5.7
Waterway Opening (sq ft)	79	104	127	144
Elev. of Low Chord (ft)	266.1	266.1	266.1	266.1
Top of Road Elev. (ft)	268.6	268.6	268.6	268.6
Skew (degrees)	No skew	No skew	No Skew	No skew

¹Represents the clear vertical opening.

4.3 Results

The results of the hydraulic analysis are presented in Table 3. Flood profiles and copy of the HEC-RAS summary output are included in Attachment C.

Table 3. Results of Hydraulic Analysis

Description	Existing	Alt A	Alt B	Alt C
Q₂₅ = 430 cfs	(12.5' Span)	(20' Span)	(24' Span)	(27' Span)
Water Surface Elevation (ft)	267.2	266.9	266.8	266.7
Headspace below low chord (ft)	-1.1	-0.8	-0.7	-0.6
Water over Road?	No	No	No	No
River Velocity (fps)	5.5	4.1	3.4	3.0
Q₁₀₀ = 580 cfs				
Water Surface Elevation (ft)	268.2	267.7	267.4	267.3
Headspace below low chord (ft)	-2.1	-1.6	-1.3	-1.2
Water over Road?	No	No	No	No
River Velocity (fps)	7.4	5.6	4.6	4.0

5.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the analysis presented in this report, we offer the following conclusions and recommendations:

1. The existing structure is undersized from a hydraulic perspective because it falls well short of the VTrans guideline that the 25-year flood should pass with one foot of headspace inside the structure.
2. However, none of the proposed alternatives would meet the 1-foot of headspace guideline during the 25-year flood. This is because the very flat slope of the channel downstream of the bridge causes significant backwater. Achieving the desired headspace would require raising the low chord of the bridge, which in turn may require raising the road elevation.
3. The existing structure is undersized from a fluvial geomorphic perspective. The span of existing culvert is 12.5 feet, which is less than the estimated 22-foot natural channel bankfull width.
4. We recommend constructing a new bridge that provides 1.2 times the natural 22-foot bankfull width, or at least 26.4 feet, which will satisfy both Federal and State permit requirements.
5. We recommend the low chord of the cover over the structure be reduced to the extent practical to provide additional clearance for debris.
6. Following standard practice in this state, abutments should be to a depth of six feet below channel invert.
7. Riprap used to protect the abutments should be recessed a minimum of two feet below finished bed elevation so that at least the upper two feet of bed material matches the natural channel and is fully mobile.

ATTACHMENT A



Milton, Vermont – East Road entrance to existing structure, 12.5' x 6.5' (average)



Milton, Vermont – East Road entrance to existing structure, 12.5' x 6.5' (average)



Milton, Vermont – Unnamed tributary downstream of East Road bridge. (Note ledge in channel)



Milton, Vermont – Unnamed tributary upstream of East Road bridge.



Milton, Vermont – Railroad bridge downstream (approximately 500 ft) of the East Road bridge on Mallets Creek.

ATTACHMENT B

Addition of the 2006 data to the 2001 VT Hydraulic Geometry Curves resulted in a rise in curve.

Unnamed trib on Mallets Creek in Milton, VT
Existing bridge opening 12.5 feet

- 0.85
- 0.78
- and
- 0.59

DA = 5.17 sq miles
Wbf = 27 ft
1.2 x 27 = 32 ft
Dbf = 1.6 ft

These hi area is a width, depth and cross-sectional area.

To quantify the effect of the 2006 data on bankfull dimension predictions, an analysis of prediction difference was conducted. The results of the analysis are presented in Table 5.

Mallets creek at RR Track
DA = 12.7 sq miles

Wbf = 40 ft
Dbf = 2.1 ft

decreases from 5.85 feet at five square miles to zero at 66 square miles and then increases to 3.84 feet at 120 square miles.

- The difference in predicted depth decreases from 0.27 feet at five square miles to zero at 120 square miles.

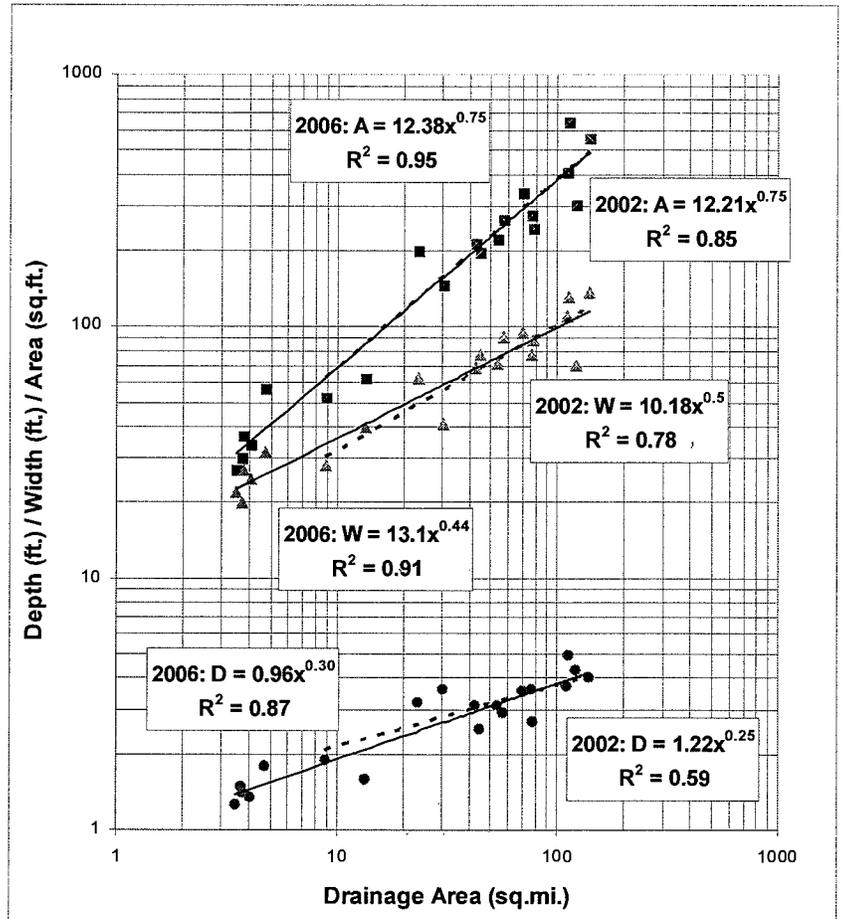


Figure 2. 2001 and 2006 Vermont Hydraulic Geometry Curves. The 2001 curves are presented as dashed lines and 2006 curves as solid lines. 2001 data are presented as dual-colored points and 2006 data as mono-colored points.

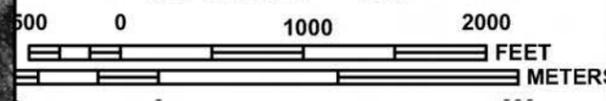
Table 5. Analysis of difference in geometry predictions between 2001 and 2006 curves.

Drainage Area	Area (sq. ft.)			Width (ft.)			Depth (ft.)		
	2006 Prediction	2001 Prediction	Diff.	2006 Prediction	2001 Prediction	Diff.	2006 Prediction	2001 Prediction	Diff.
5	41.40	40.83	0.57	26.60	22.76	3.83	1.56	1.82	-0.27
10	69.62	68.66	0.96	36.08	32.19	3.89	1.92	2.17	-0.25
20	117.08	115.48	1.61	48.95	45.53	3.42	2.36	2.58	-0.22
40	196.91	194.21	2.70	66.40	64.38	2.02	2.90	3.07	-0.16
60	266.89	263.23	3.66	79.37	78.85	0.52	3.28	3.40	-0.12
80	331.16	326.61	4.55	90.08	91.05	-0.97	3.57	3.65	-0.07
100	391.49	386.11	5.38	99.37	101.80	-2.43	3.82	3.86	-0.04
120	448.86	442.69	6.16	107.67	111.52	-3.84	4.04	4.04	0.00

The increase in predicted width that resulted from addition of the 2006 is in agreement with past reports that the 2001 curves under-predict channel width when applied to small streams. Yet the increase in predicted width is at only 3.83 feet for streams draining five square miles.



MAP SCALE 1" = 1000'



PANEL 0155D

FIRM
FLOOD INSURANCE RATE MAP
CHITTENDEN COUNTY,
VERMONT
 (ALL JURISDICTIONS)

PANEL 155 OF 500
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
COLCHESTER, TOWN OF	500033	0155	D
ESSEX, TOWN OF	500034	0155	D
MILTON, TOWN OF	500038	0155	D
WESTFORD, TOWN OF	500203	0155	D

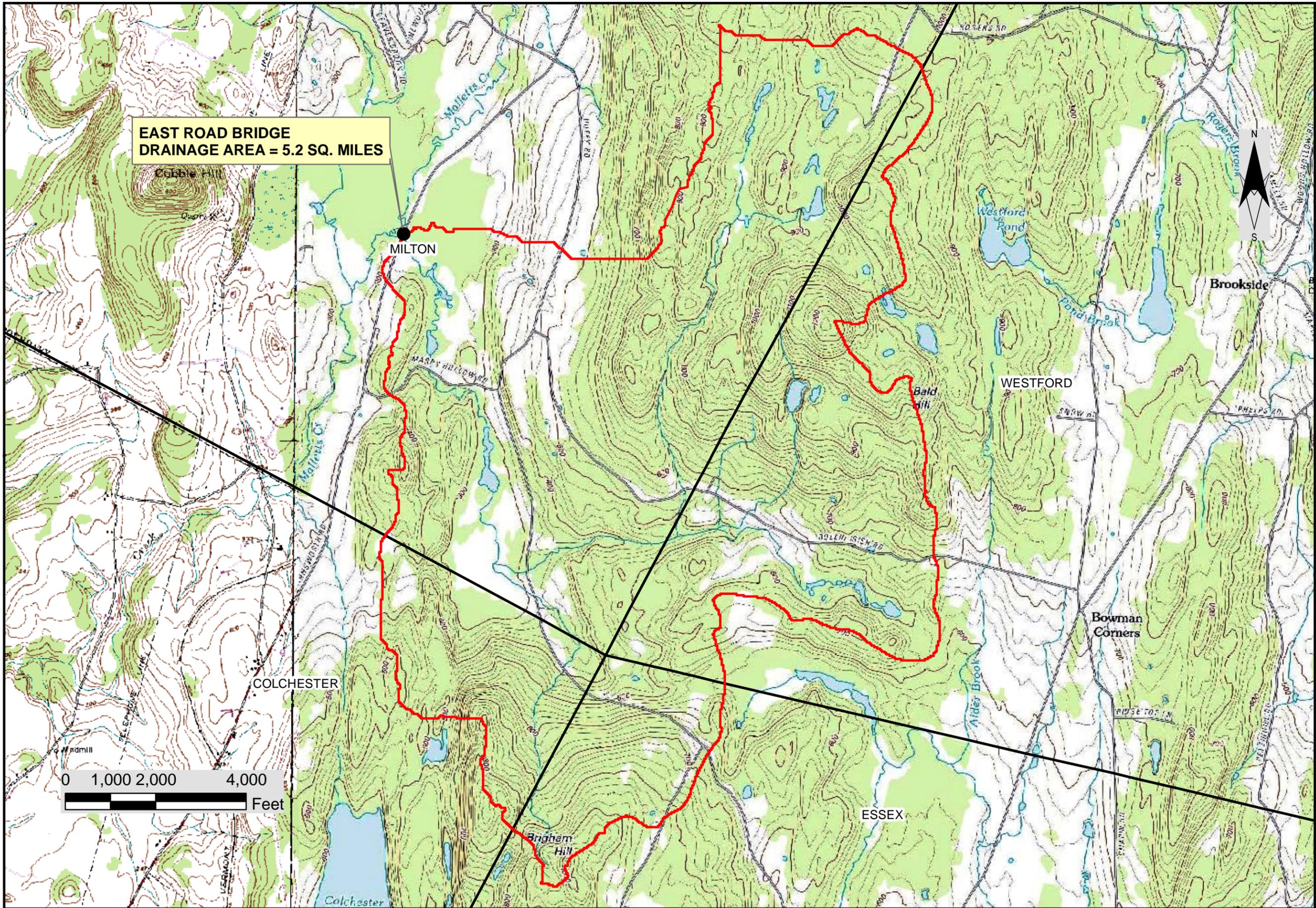
Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.



MAP NUMBER
50007C0155D
EFFECTIVE DATE
JULY 18, 2011

Federal Emergency Management Agency

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



**EAST ROAD BRIDGE
DRAINAGE AREA = 5.2 SQ. MILES**

CLIENT:
TOWN OF MILTON
43 BOMBARDIER ROAD
MILTON, VERMONT



UNNAMED TRIBUTARY WATERSHED
AT EAST ROAD
TOPOGRAPHIC MAP
MILTON, VERMONT
CHITTENDEN COUNTY

DESIGNED BY:
CJK

APPROVED BY:

DRAWN BY:
CJK

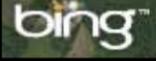
CHECKED BY:

PROJECT NO:
622033

DATE:
03/12/14

FIGURE NO:
1

**EAST ROAD BRIDGE
DRAINAGE AREA = 5.2 SQ. MILES**



©2012 DigitalGlobe. Image courtesy of USGS Earthstar Geographics. 310 © AFD

CLIENT:
TOWN OF MILTON
43 BOMBARDIER ROAD
MILTON, VERMONT



UNNAMED TRIBUTARY WATERSHED
AT EAST ROAD
ORTHO PHOTO MAP
MILTON, VERMONT
CHITTENDEN COUNTY

DESIGNED BY:
CJK

APPROVED BY:

DRAWN BY:
CJK

CHECKED BY:

PROJECT NO:
622033

DATE:
03/12/14

FIGURE NO:
1

Hydraulics Unit Vermont Agency Of Transportation National Life Building, Fourth Floor Drawer 33 Montpelier, VT 05633-5001		Town: Milton		Hydrology			
		Highway: TH5		Input Sheet			
Structure: BR6		Prepared by: CJK_D&K		Date: 02/26/14			
Stream: Unnamed Tributary		Checked by:					
Tributary to: Malletts Creek		Project No.:					
				English Units	SI Units		
Drainage Area, sq in @1:24,000 Scale:		(FROM USGS MAP)	sq inch to sq mile	0.00	0.00		
Drainage Area, sq in @1:25,000 Scale:		-		0.00	0.00		
Total Drainage Area, sq mi:	5.2			5.20	13.47		
Storage Area,Lakes & Ponds Only, %:	1.42	-		1.4	1.4		
Storage Area,Lakes & Ponds & Wetlands, %:	2.50			2.5	2.5		
Elevation at Divide, ft:	1,005	-		1,005	306		
Elevation at Site:, ft:	259	-		259	79		
Change in Elevation (Divide - Site), ft:	746			746	227		
Length to Divide, ft:	29,304	(FROM USGS MAP)		29,304	8,932		
Slope of Entire Stream, ft/ft:	0.0255			0.025	0.025		
Elevation at End of Stream	980	-		980	299		
Change in Elevation (End - Site) ft:	721			721	220		
Elevation at 10% Length, ft:	267	(FROM USGS MAP)		267	81		
Elevation at 85% Length, ft:	840	-		840	256		
Terrain & Land Use:	rural, wooded, steep						
Rational Method:	Drainage Area Limits, < 200 Acres (0.31 sq. miles)		Change in Elev. =	746	Length =	29,304	
Runoff Coefficient C =		Rainfall Intensity RI=	Time of Concentration (TC), Min. (Must be > 5)				
BUREAU OF PUBLIC ROADS (BPR) METHOD:			Drainage Area Limits, < 1000 Acres (1.56 sq. miles)				
Rainfall Factor (RF):		Land Use and Slope Factor (LF):		Drainage Area, acres:	3328.00		
NEW ENGLAND HILL & LOWLAND AREA (NEHL) METHOD:			[Valid If DA btw 0.1 - 1000 sq. miles]				
Rainfall Index (P):	1.38	Storage K =	2.5	[15% maximum] decrease if cell is orange			
ADIRONDACK, WHITE MOUNTAINS, AND MAINE WOODS (AWM) METHOD:			[Valid If DA btw 0.1 - 1000 sq. miles]				
Rainfall Index (P):		Storage K =	1.0	[1.0 % minimum, 10% maximum] increase/decrease if cell is orange			
USGS REGRESSION FLOOD FREQ. FORMULA (FFF #1) METHOD:			[Valid If DA btw 0.25 - 10 sq. miles]				
Length L=	29,304	10% Elevation =	267	85% Elevation =	840	Storage St =	1.9
USGS REGRESSION FLOOD FREQ. FORMULA (FFF #2) METHOD:			[Valid If DA btw 0.25 - 1044 sq. miles]			Valid if Storage < 4.9%	
2 yr. 24 hour Rainfall Accumulation, in.=	2.30	Seasonal Snowfall, in.=	74.8	Storage St =	1.9		
TALBOT:			[Valid If DA < 100 sq. miles]				
Location of Storage:	1	Enter 1, 2, or 3 -----	1 for the central part of the watershed, or spread throughout 2 for the upper reaches of the watershed 3 for at the design point				
Slope of Entire Stream:	0.0255						
Storage Correction Factors			10 Year	25 Year	50 Year	100 Year	
Twenty-four Hour Duration Rainfall, inches:			0.76	0.78	0.81	0.84	
			3.16	3.94	4.50	5.25	
BENSON (OROGRAPHIC) METHOD:			[Valid if Storage < 6.7%]		[Valid If DA btw 1.6 - 900 sq. miles]		
Twenty-four Hour Duration Rainfall, inches:			10 Year	25 Year	50 Year	100 Year	
			3.16	3.94	4.5	5.25	
Avg. January Deg. Below Freezing:	14	Orographic Contour Factor (O):	1.0	Storage:	1.92		
AREA RELATIONSHIP 1 :			Previous Study: None				
Drainage Area (sq. mi.)		Q 2.33	Q 10	Q 25	Q 50	Q 100	Q 500
Previous Study Results:							
AREA RELATIONSHIP 2 :			Previous Study:				
Drainage Area (sq. mi.)		Q 2	Q 10	Q 25	Q 50	Q 100	Q 500
Gage Data:							
FEDERAL HIGHWAY ADMIN. 3 PARAMETER (FHWA) METHOD:			[Valid If DA < or = 50 sq. miles]				
Isoerodent Factor (R):	76	Zone (5 or 9):	5	Storage correction Multiplier (Sc):	0.80		
USGS REGRESSION EQUATIONS FOR EASTERN NEW YORK:			[Valid If DA btw 0.5 - 4500 sq. miles]		[Valid if Storage < 12.2%]		
Mean Annual Precipitation, (inches)	39	[Uses 10% - 85% Slope & average elevation, and storage of lakes, ponds & wetlands]					
USGS REGRESSION FLOOD FREQ. FORMULA (FFF #3) METHOD:			[Valid If DA btw 0.21 - 850 sq. miles]		[Valid if Storage < 6.8%]		
% Lake & Pond Area (L)=	1.42	Northing of Centroid, in meters (Y) =	231588				
Elevation Factor - Percent of watershed at or above 1200 feet (E) =			0.21				

Hydraulics Unit Vermont Agency Of Transportation National Life Building, Fourth Floor Drawer 33 Montpelier, VT 05633-5001	Town:	Milton	Hydrolog Worksheet	
	Highway:	TH5		
	Structure:	BR6	Date:	02/26/14
	Stream:	Unnamed Tributary	Checked by:	
	Tributary to:	Malletts Creek	Project No.:	

HYDROLOGICAL DATA

	Inputs		English Units	SI Units
Drainage Area, sq in @ 1:24,000 Scale:	0	(FROM USGS MAP)	0.00	0.00
Drainage Area, sq in @ 1:25,000 Scale:	0	"	0.00	0.00
Total Drainage Area, sq mi:	5.2	"	5.20	13.47
Total Drainage Area, acres:	---	"	3328.00	
Storage Area,Lakes & Ponds Only, %:	1.4	"	1.4	1.4
Storage Area,Lakes & Ponds & Wetlands, %:	2.5	"	2.5	2.5
Elevation at Divide, ft:	1,005	"	1,005	306
Elevation at Site:, ft:	259	"	259	79
Change in Elevation (Divide - Site), ft:	746	"	746	227
Length to Divide, ft:	29,304	(FROM USGS MAP)	29,304	8,932
Slope of Entire Stream, ft/ft:	0.0255	"	0.025	0.025
Elevation at End of Stream	980	"	980	299
Change in Elevation (End - Site) ft:	721	"	721	220
Elevation at 10% Length, ft:	267	(FROM USGS MAP)	267	81
Elevation at 85% Length, ft:	840	"	840	256
Terrain/Land Use:	rural, wooded, steep			

SUMMARY OF RESULTS

(Cubic Feet Per Second)

Method	Q 2.33	Q 10	Q 25	Q 50	Q 100
Rational	Inactive	Inactive	Inactive	Inactive	Inactive
BPR	Inactive	Inactive	Inactive	Inactive	Inactive
NEHL	--	492	692	893	--
AWM	Inactive	Inactive	Inactive	Inactive	Inactive
FFF #1	144	318	470	636	--
FFF #2	87	147	174	194	219
Talbot	--	493	597	689	809
Orographic (4 Method Avg - See Below)	Inactive	Inactive	Inactive	Inactive	Inactive
Area Rel. w/ None	Inactive	Inactive	Inactive	Inactive	Inactive
Area Rel. w/	Inactive	Inactive	Inactive	Inactive	Inactive
FHWA	161	339	453	567	661
Eastern NY Regression Equations	225	403	495	559	622
FFF #3	108	191	231	263	293
Mean (excl.text values)	145	340	445	543	521
Median	0	147	174	194	0
RANGE (excl.text values)	138	346	518	699	590
STANDARD DEVIATION (excl.text values)	48	126	172	225	226
Variance: (excl.text values)	2270	15783	29545	50480	51171
	Q 2.33	Q 10	Q 25	Q 50	Q 100
Design Values (ft3/sec):	150	340	430	500	580
Design Values (m3/sec):	4.25	9.63	12.18	14.16	16.42

Rational Method:		[Valid If DA < 0.31 sq. miles]			
Runoff Coefficient (C):	0	(FROM RM TABLE 1)	<u>Time of Concentration, min:</u>		
Rainfall Intensity (RI):	0	(FROM RM FIG. 2)	Overland Flow, Grassed:	179	
Time of Concentration (TC) Input:	0	(Must Be > 5)	Earth, Mowed Grass, Ditches:	90	
Duration Factor (DF) min:	#NUM!		Asphalt:	36	
			Concrete:	18	
RESULTS:	Q 2.33	Q 10	Q 25	Q 50	Q 100
	#NUM!	#NUM!	#NUM!	#NUM!	#NUM!

BUREAU OF PUBLIC ROADS (BPR) METHOD:		[Valid If DA < 1.6 sq. miles]			
Rainfall Factor (RF):	0	(FROM BPR TABLE 1)			
Land Use and Slope Factor (LF):	0				
Theoretical Peak Rate (Q25):					
DA < 1.6	1,883				
DA < 0.16	1,943				
DA < 0.02	5,393				
RESULTS:	Q 2.33	Q 10	Q 25	Q 50	Q 100
DA < 1.6	0	0	0	0	0
DA < 0.16	0	0	0	0	0
DA < 0.02	0	0	0	0	0

NEW ENGLAND HILL & LOWLAND AREA (NEHL) METHOD		[Valid If DA btw 0.1 - 1000 sq. miles]			
Rainfall Index (P):	1.38	(FROM NEHL FIG.)			
RESULTS:	Q 2.33	Q 10	Q 25	Q 50	Q 100
ST < 4.5:					
DA <= 1		403	568	732	
DA > 1		492	692	893	
ST >= 4.5:					
DA <= 1.5		1130	1597	2065	
DA > 1.5		1325	1875	2425	

ADIRONDACK, WHITE MOUNTAINS, AND MAINE WOODS (AWM) METHOD		[Valid If DA btw 0.1 - 1000 sq. miles]			
Rainfall Index (P):	0	(FROM NEHL FIG.)			
RESULTS:	Q 2.33	Q 10	Q 25	Q 50	Q 100
DA <= 1.5		0	0	0	
DA > 1.5		0	0	0	

USGS REGRESSION FLOOD FREQ. FORMULA (FFF #2) METHOD

[Valid If DA btw 0.25 - 1044 sq. miles]

Rain Fall Intensity 24hr/2yr:	2.3	(FROM FFF#2 FIG.1)			
Avg. Seasonal Snowfall:	74.8	(FROM FFF#2 FIG.2)			
	Q 2.33	Q 10	Q 25	Q 50	Q 100
FFF #2	87	147	174	194	219

TALBOT

[Valid If DA < 100 sq. miles]

Storage Area, Lakes, Ponds & Wetlands, %:	2.5	(10yr)	(25yr)	(50yr)	(100yr)
Storage Correction Factors:		0.76	0.78	0.81	0.84
Twenty-four Hour Rainfall, inches:	ROM TALBOT FIG. 1-	3.16	3.94	4.5	5.25
RESULTS:		Q 10	Q 25	Q 50	Q 100
S >= 14 (S = slope)		730	802	872	958
S >= 7		651	734	811	908
S >= 3		572	665	750	859
S >= 1		493	597	689	809
S < 1		413	529	628	759

BENSON (OROGRAPHIC) METHOD

[Valid If DA btw 1.6 - 900 sq. miles]

Twenty-four Hour Rainfall, inches:		(10yr)	(25yr)	(50yr)	(100yr)	
(FROM TALBOT FIG. 1-4)		3.16	3.94	4.5	5.25	
Avg. January Deg. Below Freezing:	14	(FROM OROG. FIG. 1)				
Orographic Contour Factor (O):	1	(FROM OROG. FIG. 2)				
Slope (10%-85%) in feet per mile:	138					
RESULTS:		Q 2.33	Q 10	Q 25	Q 50	Q 100
Orographic Method #1	Not Available	418	639	850	988	
Orographic Method #2	169	372	574	831		
Orographic Method #3	Not Available	462	687	906		
Orographic Method #4	Not Available	440	622	764	955	
Average of 4 Orographic Methods	169	423	630	838	972	

AREA RELATIONSHIP 1 - PREVIOUS STUDY METHOD

	Drainage Area				
	(sq. mi.)	Q 10	Q 25	Q 50	Q 100
Previous Study Results:	0	0	0	0	0
RESULTS:	Q2. #DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

AREA RELATIONSHIP 2 - GAGE SITE

	Drainage Area				
	(sq. mi.)	Q 10	Q 25	Q 50	Q 100
Gage Data:	0	0	0	0	0
RESULTS:	Q2. #DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!	#DIV/0!

FEDERAL HIGHWAY ADMIN. 3 PARAMETER (FHWA) METHOD		[Valid If DA < or = 50 sq. miles]				
Change in Elevation (End - Site) ft:	721.1					
Isoerodent Factor (R):	76	(FROM FHWA FIG. 1)				
Zone (5 or 9):	5	(FROM FHWA FIG. 1)				
Storage correction Multiplier (Sc):	0.8	(FROM FHWA FIG. 5)				
RESULTS:		Q 2.33	Q 10	Q 25	Q 50	Q 100
If Zone = 5:		161	339	453	567	661
If Zone = 9:		202	425	570	715	834

USGS REGRESSION EQUATIONS FOR EASTERN NEW YORK		[Valid If DA btw 0.5 - 4500 sq. miles]				
Mean Annual Precipitation, (inches)	39	(FROM MAP)				
Main Channel Slope (ft./mi.)	138					
Average Main Channel Elevation	553.25					
RESULTS:		Q 2.33	Q 10	Q 25	Q 50	Q 100
		225	403	495	559	622

USGS REGRESSION FLOOD FREQ. FORMULA (FFF #3) METHOD		[Valid If DA btw 0.21 - ? sq. miles]				
% Lake & Pond Area (L)=	2.42	(FROM Topo Maps)				
Elevation Factor (E) =	1.21					
Northing of Centroid, in meters (Y) =	231588.00					
FFF #3 RESULTS:		Q 2.33	Q 10	Q 25	Q 50	Q 100
		108	191	231	263	293

Hydraulics Unit
 Vermont Agency Of Transportation
 National Life Building, Fourth Floor
 Drawer 33
 Montpelier, VT 05633-5001

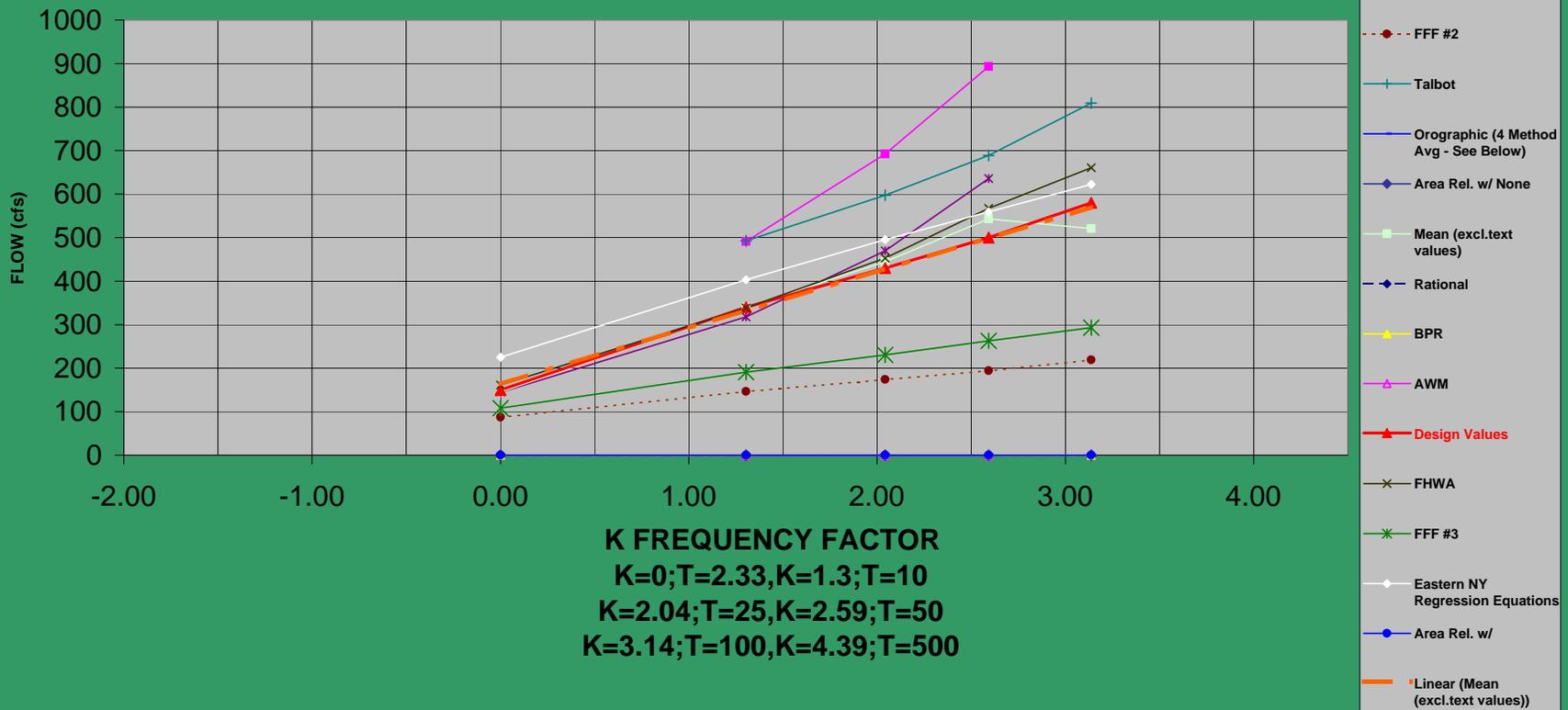


Town: Milton
 Highway: TH5
 Structure: BR6
 Stream: Unnamed Tributary
 Tributary to: Malletts Creek

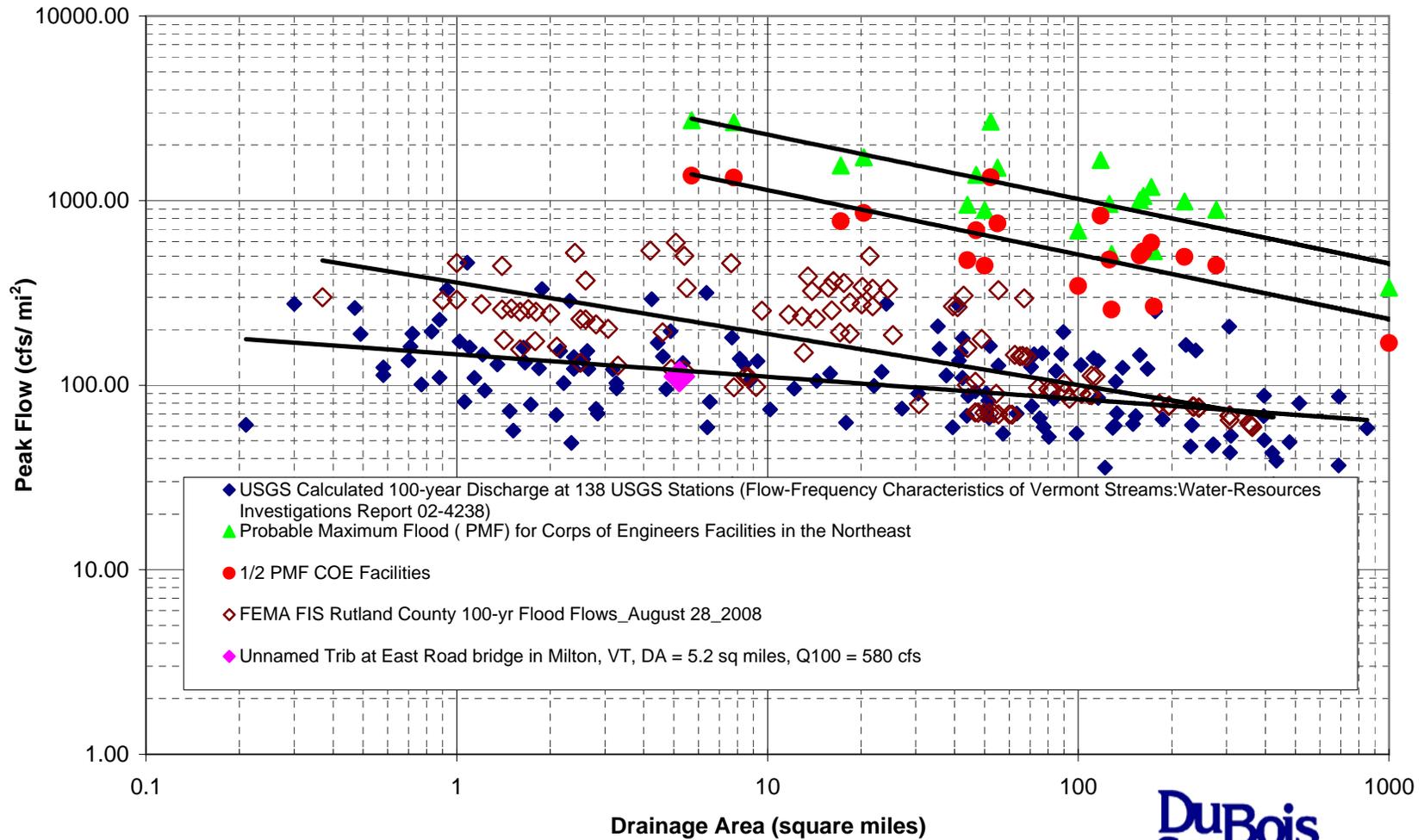
Prepared by: CJK_D&K
 Date: 02/26/14
 Checked by:
 Project No.:

Flood Recurrence Graph

FLOOD RECURRENCE GRAPH



Regional Analysis
100-year Computed Peak Flows in the Northeast
Vermont-Western New Hampshire-Northwestern Mass.- Eastern New York



ATTACHMENT C

EXISTING CONDITIONS

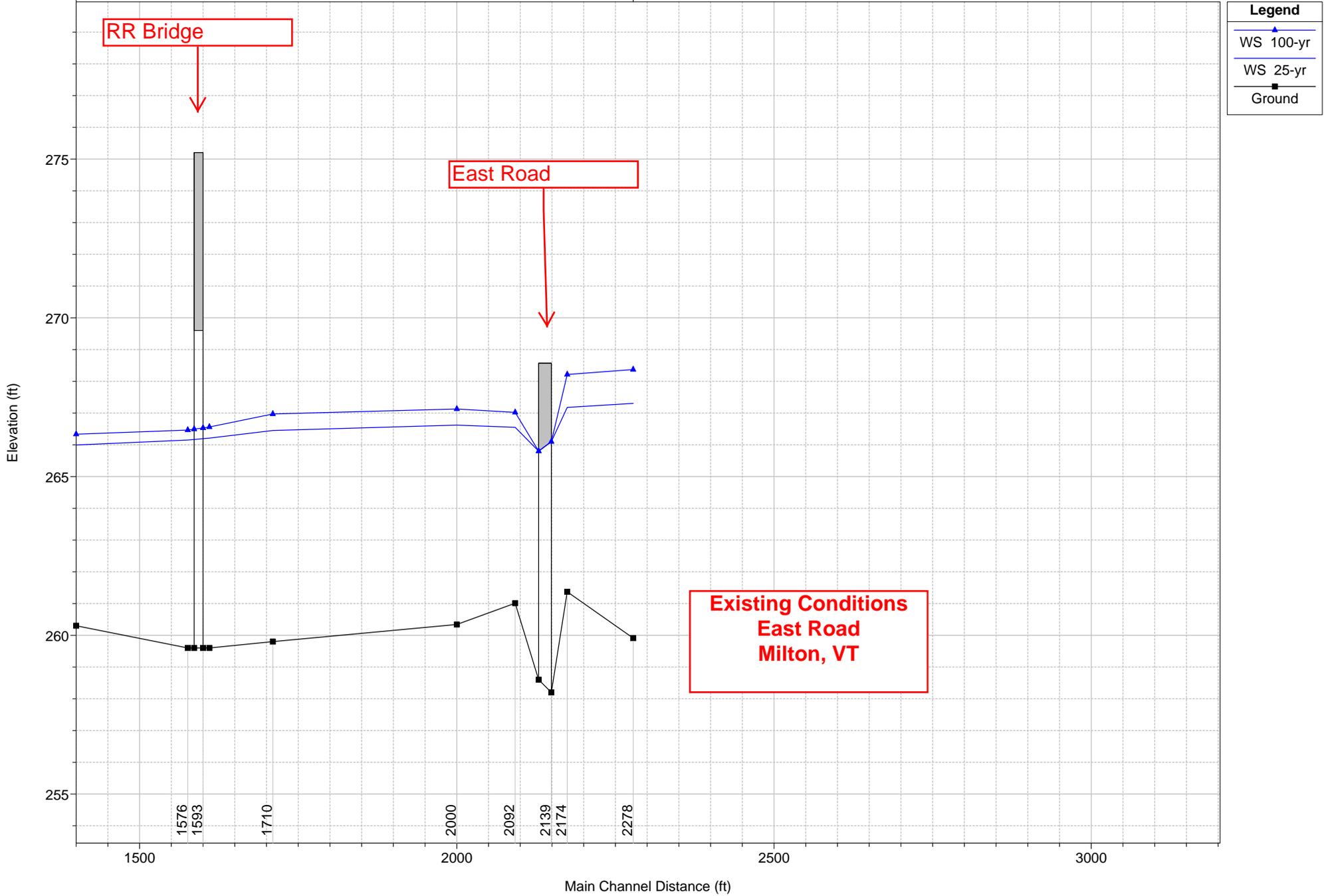
East Road - Milton, VT - Existing Condition

HEC-RAS Plan: ExistCond01 River: Unnamed Trib Reach: Reach 1

Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Reach 1	1400	25-yr	800.00	260.30	265.99	263.12	266.09	0.000910	2.75	668.93	1043.25	0.22
Reach 1	1400	100-yr	1100.00	260.30	266.33	263.67	266.42	0.000911	2.88	1034.72	1108.06	0.23
Reach 1	1576	25-yr	800.00	259.60	266.15		266.36	0.001591	3.67	219.55	46.16	0.29
Reach 1	1576	100-yr	1100.00	259.60	266.46		266.81	0.002441	4.74	234.06	46.33	0.37
Reach 1	1593	Bridge										
Reach 1	1610	25-yr	800.00	259.60	266.21	263.38	266.41	0.001528	3.63	222.25	46.19	0.29
Reach 1	1610	100-yr	1100.00	259.60	266.56	263.92	266.89	0.002298	4.65	238.43	46.38	0.36
Reach 1	1710	25-yr	800.00	259.80	266.45		266.54	0.000988	2.73	580.70	547.92	0.23
Reach 1	1710	100-yr	1100.00	259.80	266.97		267.05	0.000878	2.77	869.92	562.98	0.22
Reach 1	2000	25-yr	430.00	260.34	266.62		266.62	0.000068	0.74	1047.02	395.61	0.06
Reach 1	2000	100-yr	580.00	260.34	267.13		267.13	0.000077	0.85	1254.62	411.52	0.07
Reach 1	2092	25-yr	430.00	261.01	266.55	264.16	266.72	0.001538	3.45	136.43	373.26	0.29
Reach 1	2092	100-yr	580.00	261.01	267.02	264.60	267.27	0.001978	4.18	151.95	435.18	0.33
Reach 1	2139	Bridge										
Reach 1	2174	25-yr	430.00	261.37	267.18	263.56	267.27	0.000592	2.46	180.99	398.18	0.19
Reach 1	2174	100-yr	580.00	261.37	268.21	263.95	268.33	0.000599	2.78	216.19	432.12	0.19
Reach 1	2278	25-yr	430.00	259.91	267.30	263.21	267.32	0.000129	1.23	657.92	198.46	0.09
Reach 1	2278	100-yr	580.00	259.91	268.37	263.56	268.38	0.000108	1.26	884.90	228.32	0.08

Milton_VT East Rd_RR Bridge Plan: Existing Cond 3/28/2014

← Unnamed Trib Reach 1 →



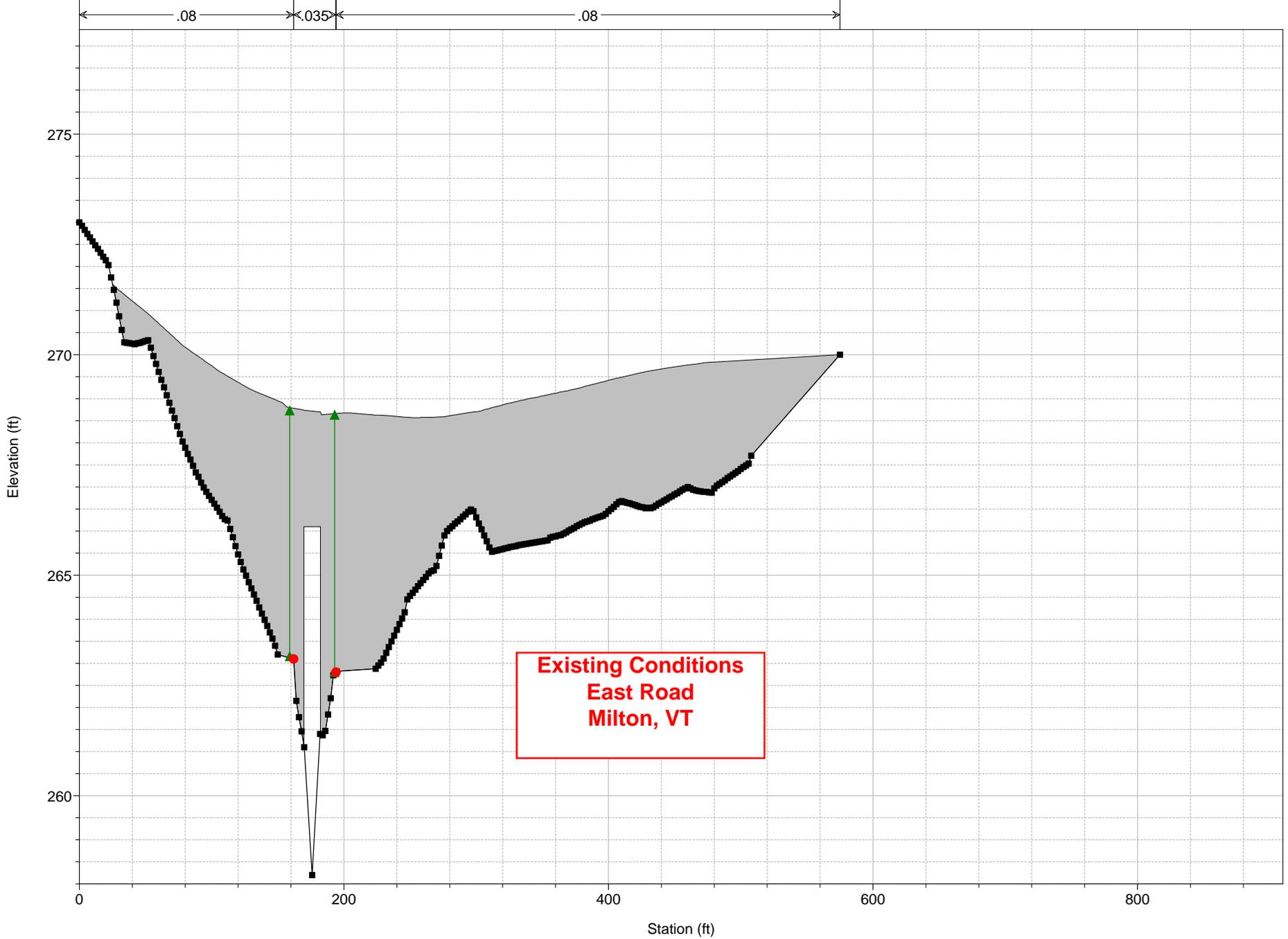
Legend	
WS 100-yr	▲
WS 25-yr	▲
Ground	■

Existing Conditions
East Road
Milton, VT

1 in Horiz. = 200 ft 1 in Vert. = 4 ft

Milton_VT East Rd_RR Bridge Plan: Existing Cond 3/28/2014

RS = 2139 BR



Legend	
■	Ground
▲	Ineff
●	Bank Sta

**Existing Conditions
East Road
Milton, VT**

1 in Horiz. = 100 ft 1 in Vert. = 3 ft

**PROPOSED CONDITION
ALTERNATIVE A**

East Road - Milton, VT
Alternative A - Span 20 ft

HEC-RAS Plan: Alt_A_Rec20ft River: Unnamed Trib Reach: Reach 1

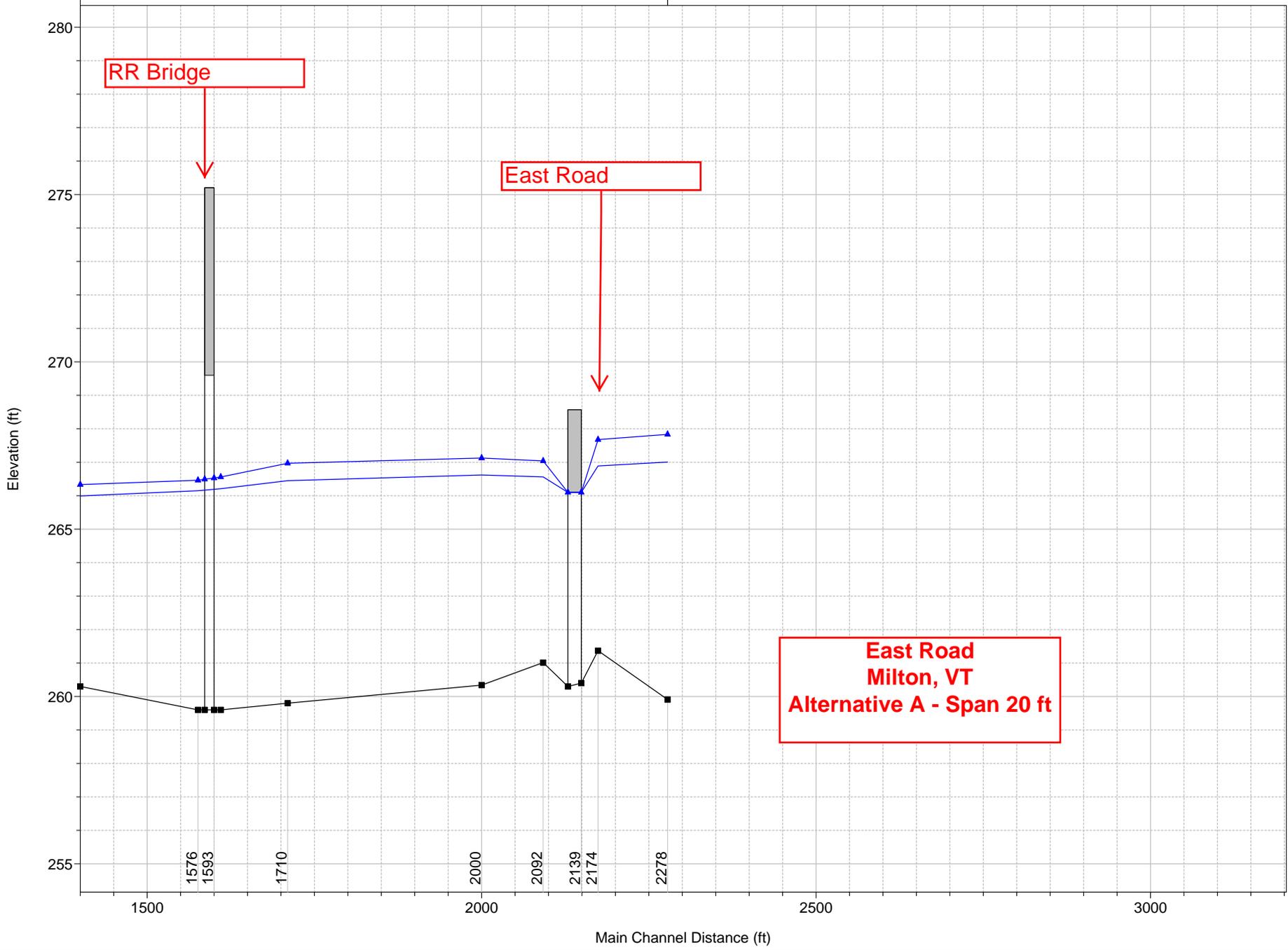
Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Reach 1	1400	25-yr	800.00	260.30	265.99	263.12	266.09	0.000910	2.75	668.93	1043.25	0.22
Reach 1	1400	100-yr	1100.00	260.30	266.33	263.67	266.42	0.000911	2.88	1034.72	1108.06	0.23
Reach 1	1576	25-yr	800.00	259.60	266.15		266.36	0.001591	3.67	219.55	46.16	0.29
Reach 1	1576	100-yr	1100.00	259.60	266.46		266.81	0.002441	4.74	234.06	46.33	0.37
Reach 1	1593	Bridge										
Reach 1	1610	25-yr	800.00	259.60	266.21	263.38	266.41	0.001528	3.63	222.25	46.19	0.29
Reach 1	1610	100-yr	1100.00	259.60	266.56	263.92	266.89	0.002298	4.65	238.43	46.38	0.36
Reach 1	1710	25-yr	800.00	259.80	266.45		266.54	0.000988	2.73	580.70	547.92	0.23
Reach 1	1710	100-yr	1100.00	259.80	266.97		267.05	0.000878	2.77	869.87	562.98	0.22
Reach 1	2000	25-yr	430.00	260.34	266.62		266.62	0.000068	0.74	1047.02	395.61	0.06
Reach 1	2000	100-yr	580.00	260.34	267.12		267.13	0.000077	0.85	1254.58	411.52	0.07
Reach 1	2092	25-yr	430.00	261.01	266.56	264.14	266.71	0.001364	3.26	154.53	375.51	0.27
Reach 1	2092	100-yr	580.00	261.01	267.04	264.57	267.25	0.001725	3.92	173.66	439.39	0.31
Reach 1	2139	Bridge										
Reach 1	2174	25-yr	430.00	261.37	266.89	263.57	266.97	0.000614	2.41	194.71	361.26	0.19
Reach 1	2174	100-yr	580.00	261.37	267.67	263.94	267.79	0.000685	2.80	226.18	424.45	0.20
Reach 1	2278	25-yr	430.00	259.91	267.01	263.21	267.02	0.000165	1.35	599.70	194.81	0.10
Reach 1	2278	100-yr	580.00	259.91	267.83	263.56	267.85	0.000156	1.44	765.27	208.76	0.10

RR Bridge

East Road

Milton_VT East Rd_RR Bridge Plan: East Rd_Alt A_Span 20 ft 3/28/2014

← Unnamed Trib Reach 1 →

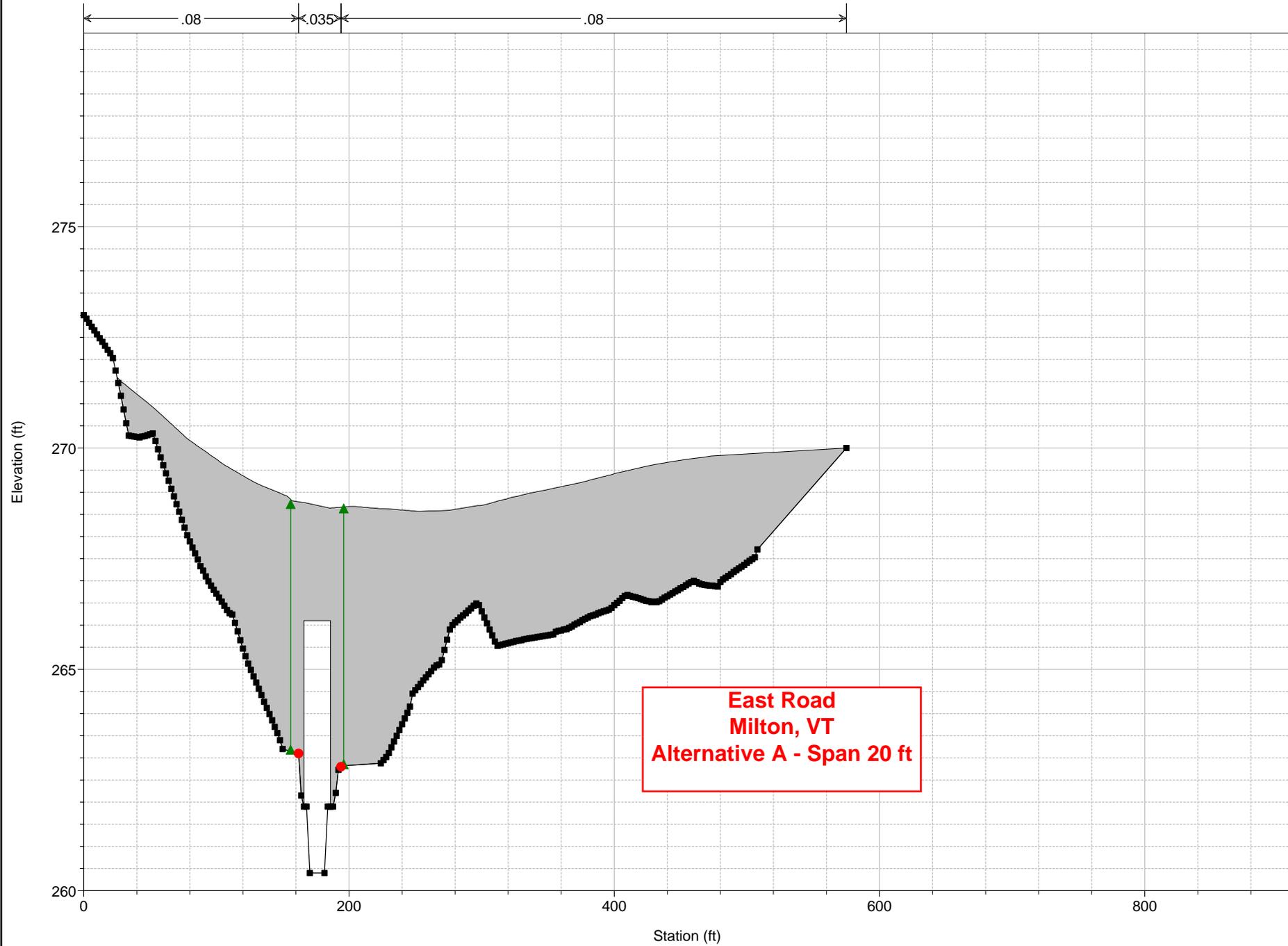


Legend	
WS 100-yr	▲
WS 25-yr	▲
Ground	■

**East Road
Milton, VT
Alternative A - Span 20 ft**

1 in Horiz. = 200 ft 1 in Vert. = 4 ft

Milton_VT East Rd_RR Bridge Plan: East Rd_Alt A_Span 20 ft 3/28/2014
RS = 2139 BR



Legend	
■	Ground
▲	Ineff
●	Bank Sta

East Road
Milton, VT
Alternative A - Span 20 ft

1 in Horiz. = 100 ft 1 in Vert. = 3 ft

**PROPOSED CONDITION
ALTERNATIVE B**

Alternative B Span 24 ft
East Road - Milton, VT

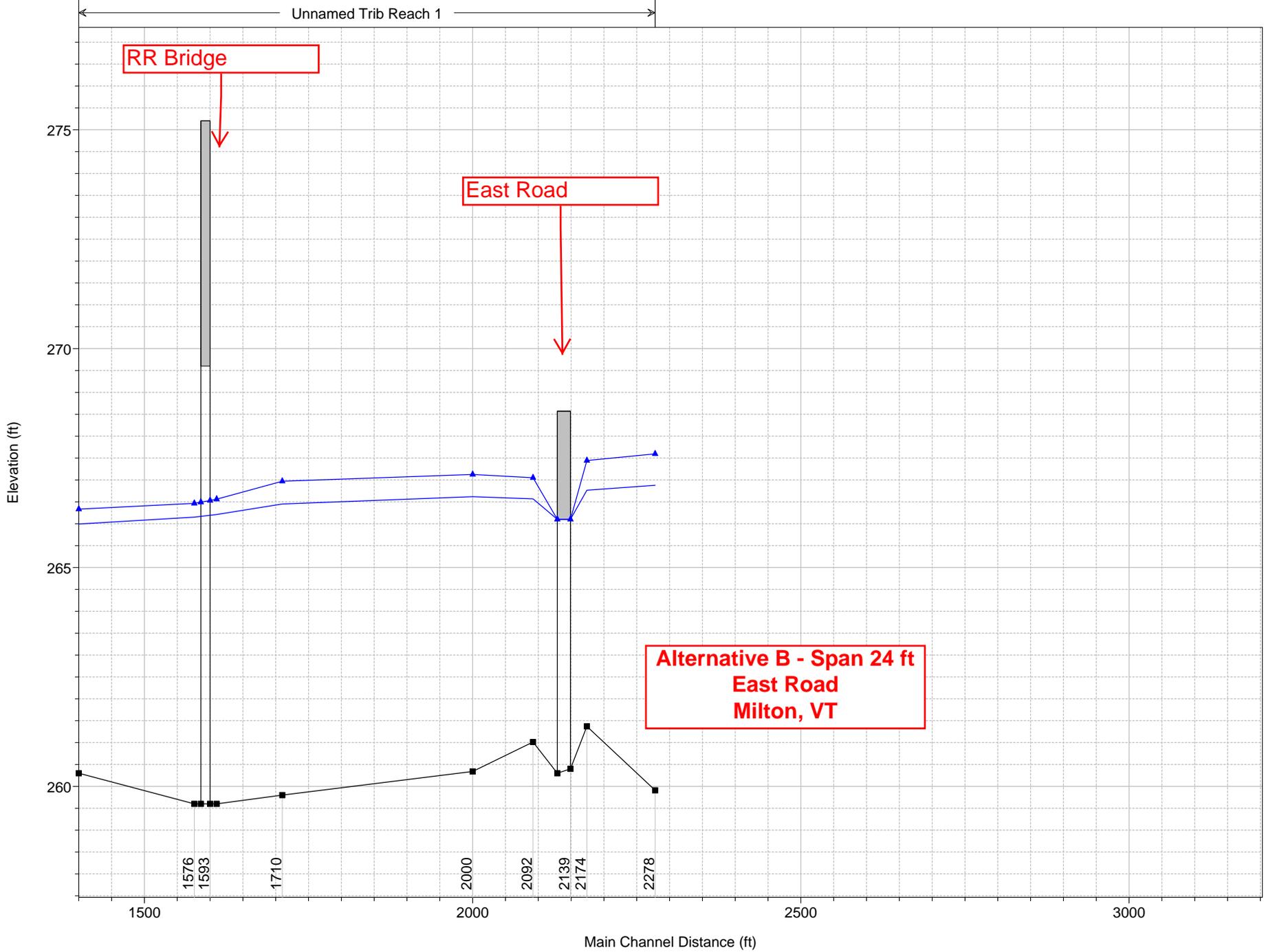
HEC-RAS Plan: Alt B_Rec24 River: Unnamed Trib Reach: Reach 1

Reach	River Sta	Profile	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
Reach 1	1400	25-yr	800.00	260.30	265.99	263.12	266.09	0.000910	2.75	668.93	1043.25	0.22
Reach 1	1400	100-yr	1100.00	260.30	266.33	263.67	266.42	0.000911	2.88	1034.72	1108.06	0.23
Reach 1	1576	25-yr	800.00	259.60	266.15		266.36	0.001591	3.67	219.55	46.16	0.29
Reach 1	1576	100-yr	1100.00	259.60	266.46		266.81	0.002441	4.74	234.06	46.33	0.37
Reach 1	1593	Bridge										
Reach 1	1610	25-yr	800.00	259.60	266.21	263.38	266.41	0.001528	3.63	222.25	46.19	0.29
Reach 1	1610	100-yr	1100.00	259.60	266.56	263.92	266.89	0.002298	4.65	238.43	46.38	0.36
Reach 1	1710	25-yr	800.00	259.80	266.45		266.54	0.000988	2.73	580.70	547.92	0.23
Reach 1	1710	100-yr	1100.00	259.80	266.97		267.05	0.000878	2.77	869.92	562.98	0.22
Reach 1	2000	25-yr	430.00	260.34	266.62		266.62	0.000068	0.74	1047.02	395.61	0.06
Reach 1	2000	100-yr	580.00	260.34	267.13		267.13	0.000077	0.85	1254.62	411.52	0.07
Reach 1	2092	25-yr	430.00	261.01	266.57	264.14	266.70	0.001278	3.15	164.63	376.63	0.26
Reach 1	2092	100-yr	580.00	261.01	267.05	264.53	267.24	0.001603	3.78	185.84	441.39	0.30
Reach 1	2139	Bridge										
Reach 1	2174	25-yr	430.00	261.37	266.76	263.57	266.84	0.000616	2.38	204.83	347.45	0.19
Reach 1	2174	100-yr	580.00	261.37	267.44	263.93	267.55	0.000722	2.80	234.69	415.12	0.21
Reach 1	2278	25-yr	430.00	259.91	266.88	263.21	266.90	0.000185	1.41	574.44	193.44	0.10
Reach 1	2278	100-yr	580.00	259.91	267.59	263.56	267.61	0.000186	1.53	716.54	204.08	0.11

RR Bridge

East Road

Unnamed Trib Reach 1



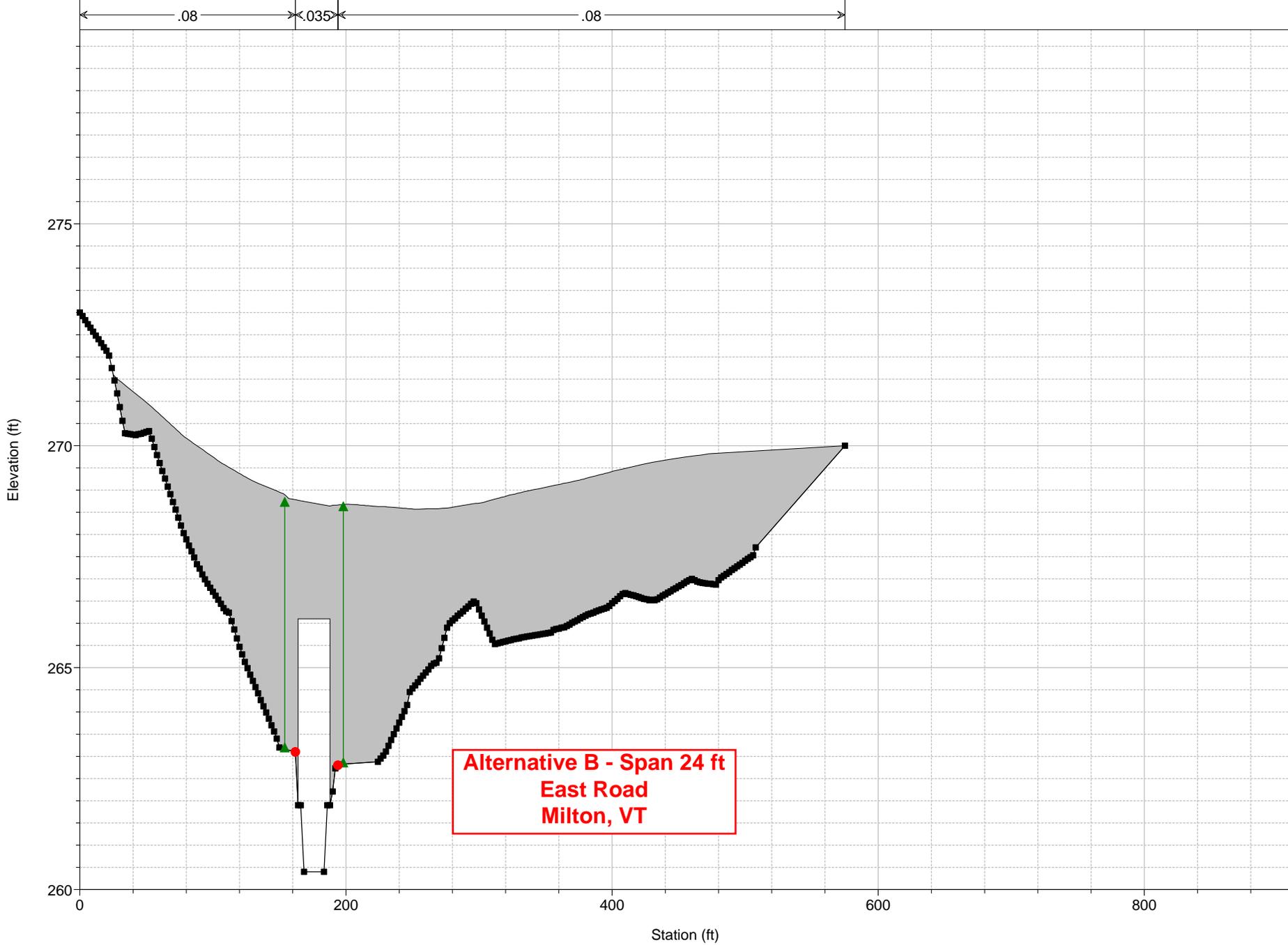
Legend	
WS 100-yr	▲
WS 25-yr	▲
Ground	■

RR Bridge

East Road

Alternative B - Span 24 ft
East Road
Milton, VT

Milton_VT East Rd_RR Bridge Plan: Alt B_Rec 24 ft 3/28/2014
RS = 2139 BR



Legend	
■	Ground
▲	Ineff
●	Bank Sta

**Alternative B - Span 24 ft
East Road
Milton, VT**

1 in Horiz. = 100 ft 1 in Vert. = 3 ft

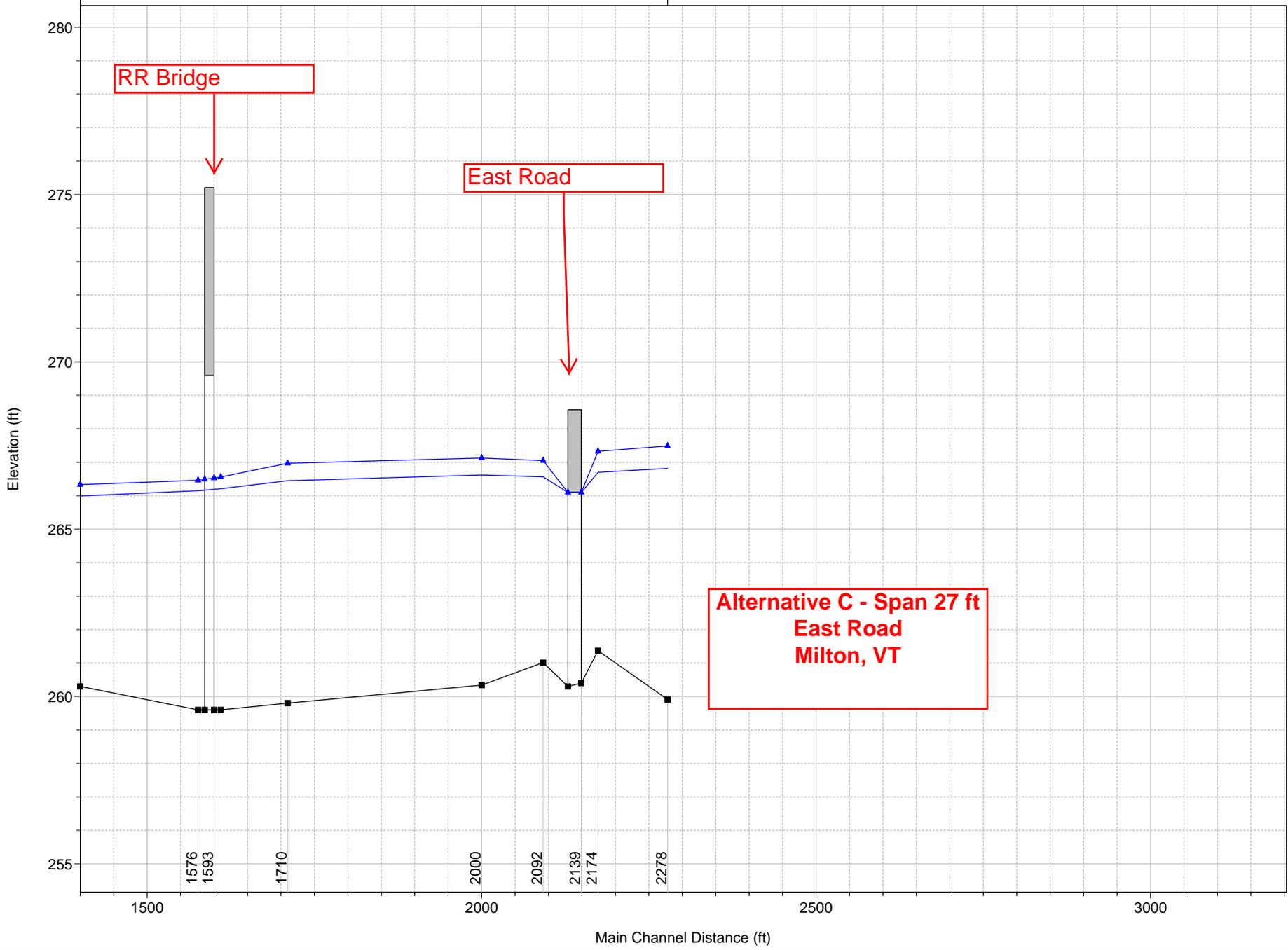
**PROPOSED CONDITION
ALTERNATIVE C**

Alternative C - Span 27 feet
East Road - Milton, VT

HEC-RAS Plan: Alt C-Rec27 River: Unnamed Trib Reach: Reach 1

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(cfs)	(ft)	(ft)	(ft)	(ft)	(ft/ft)	(ft/s)	(sq ft)	(ft)	
Reach 1	1400	25-yr	800.00	260.30	265.99	263.12	266.09	0.000910	2.75	668.93	1043.25	0.22
Reach 1	1400	100-yr	1100.00	260.30	266.33	263.67	266.42	0.000911	2.88	1034.72	1108.06	0.23
Reach 1	1576	25-yr	800.00	259.60	266.15		266.36	0.001591	3.67	219.55	46.16	0.29
Reach 1	1576	100-yr	1100.00	259.60	266.46		266.81	0.002441	4.74	234.06	46.33	0.37
Reach 1	1593		Bridge	RR Bridge								
Reach 1	1610	25-yr	800.00	259.60	266.21	263.38	266.41	0.001528	3.63	222.25	46.19	0.29
Reach 1	1610	100-yr	1100.00	259.60	266.56	263.92	266.89	0.002298	4.65	238.43	46.38	0.36
Reach 1	1710	25-yr	800.00	259.80	266.45		266.54	0.000988	2.73	580.70	547.92	0.23
Reach 1	1710	100-yr	1100.00	259.80	266.97		267.05	0.000878	2.77	869.92	562.98	0.22
Reach 1	2000	25-yr	430.00	260.34	266.62		266.62	0.000068	0.74	1047.02	395.61	0.06
Reach 1	2000	100-yr	580.00	260.34	267.13		267.13	0.000077	0.85	1254.62	411.52	0.07
Reach 1	2092	25-yr	430.00	261.01	266.57	264.14	266.70	0.001278	3.15	164.63	376.63	0.26
Reach 1	2092	100-yr	580.00	261.01	267.05	264.53	267.24	0.001603	3.78	185.84	441.39	0.30
Reach 1	2139		Bridge	East Road								
Reach 1	2174	25-yr	430.00	261.37	266.70	263.57	266.78	0.000644	2.41	202.00	342.39	0.19
Reach 1	2174	100-yr	580.00	261.37	267.32	263.93	267.44	0.000776	2.86	229.50	408.10	0.21
Reach 1	2278	25-yr	430.00	259.91	266.82	263.21	266.84	0.000195	1.44	562.69	192.80	0.11
Reach 1	2278	100-yr	580.00	259.91	267.48	263.56	267.51	0.000203	1.58	694.12	201.89	0.11

← Unnamed Trib Reach 1 →



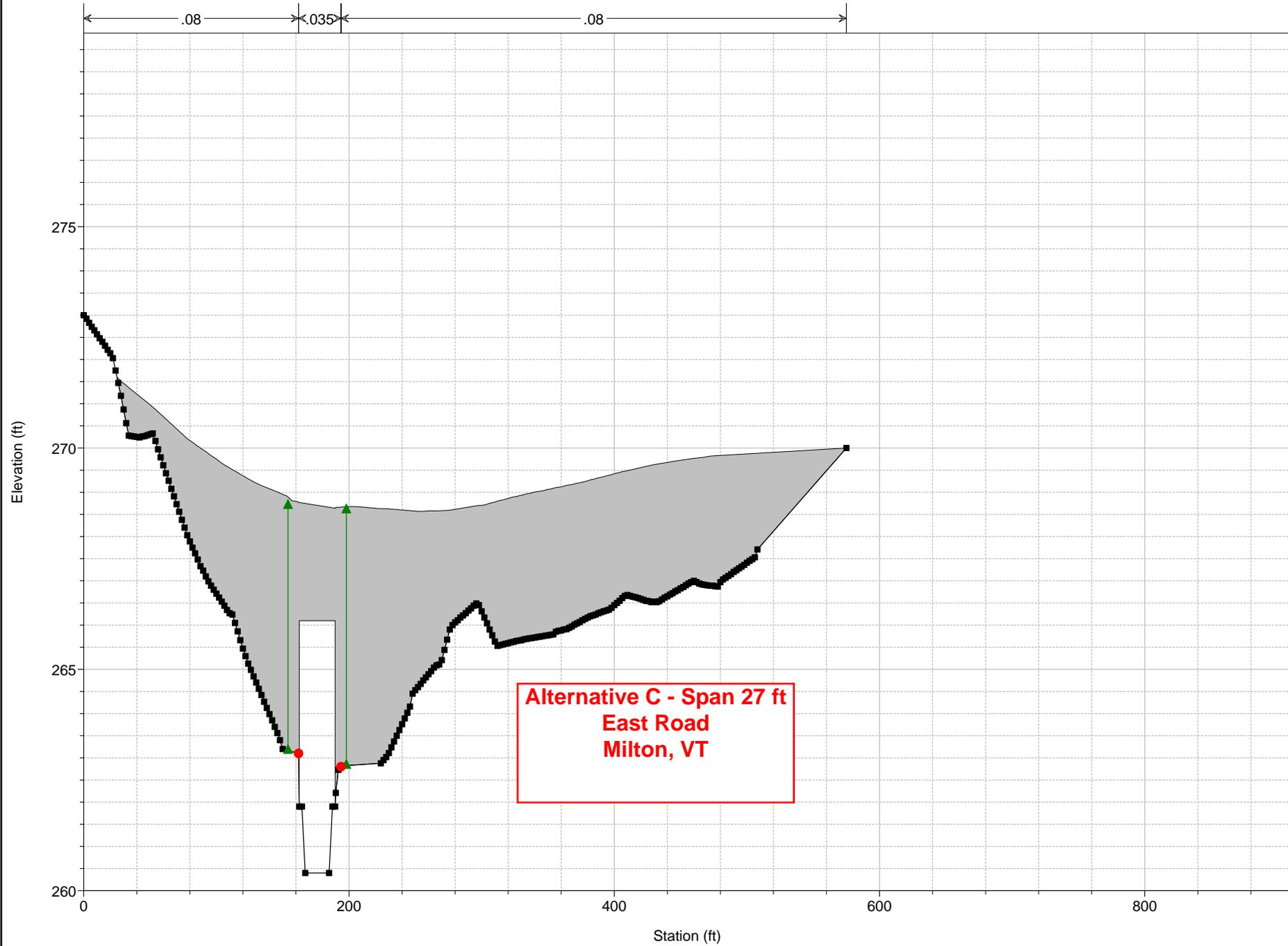
Legend	
WS 100-yr	▲
WS 25-yr	▲
Ground	■

**Alternative C - Span 27 ft
East Road
Milton, VT**

1 in Horiz. = 200 ft 1 in Vert. = 4 ft

Milton_VT East Rd_RR Bridge Plan: Alt C_Rec27 3/28/2014

RS = 2139 BR



Legend	
■	Ground
▲	Ineff
●	Bank Sta

**Alternative C - Span 27 ft
East Road
Milton, VT**

1 in Horiz. = 100 ft 1 in Vert. = 3 ft

APPENDIX C

EXISTING CONDITIONS SITE PLAN

APPENDIX D

PROPOSED CONDITIONS SITE PLAN

PROFESSIONAL SEAL
**NOT FOR
 CONSTRUCTION
 PRELIMINARY
 PLANS**

NO.	DATE	DESCRIPTION	BY	CHKD.

TOWN OF
 MILTON,
 VERMONT

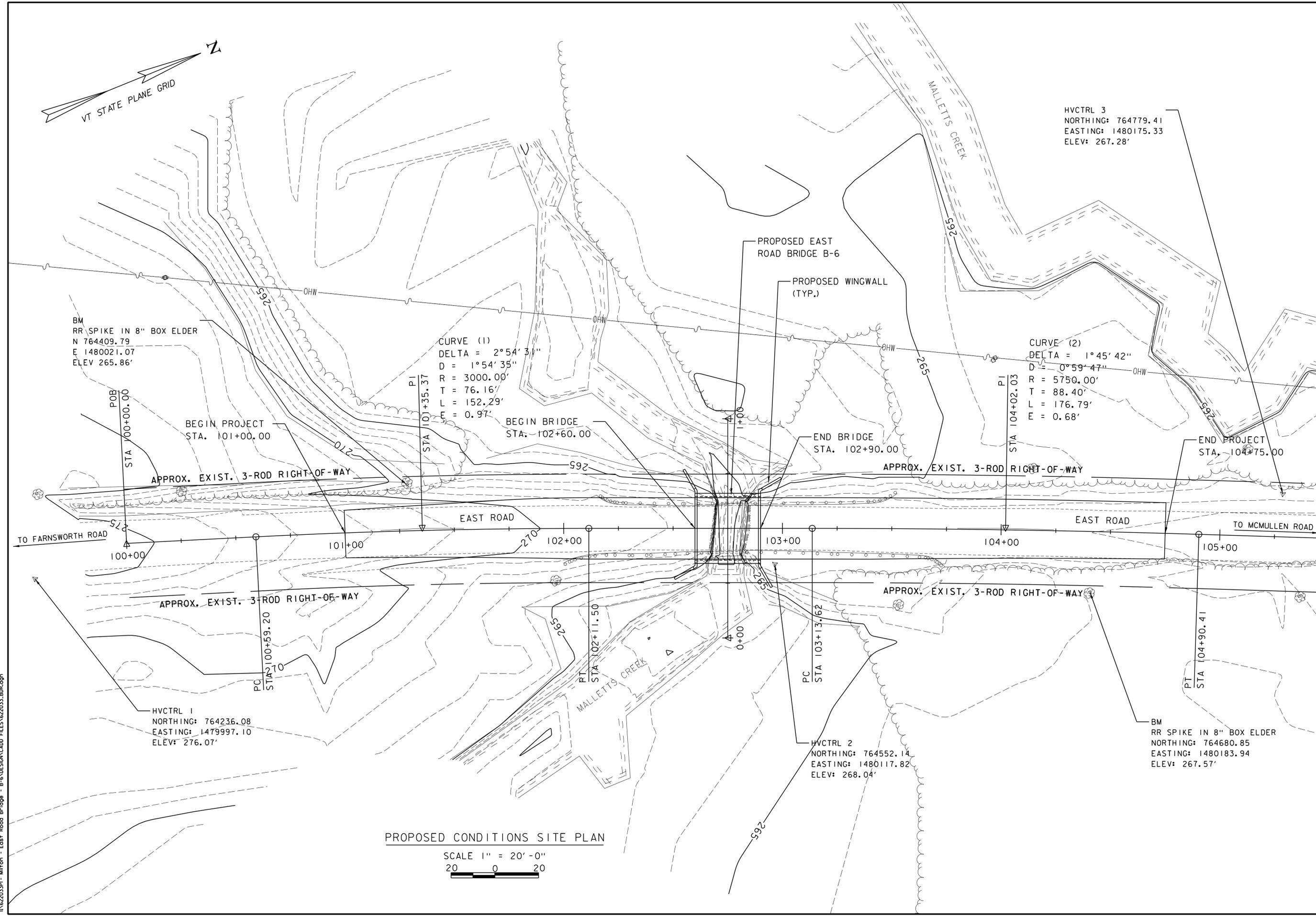
EAST ROAD
 BRIDGE B-6
 OVER
 MALLETTS CREEK

SHEET TITLE
 PROPOSED
 CONDITIONS
 SITE PLAN

DRAWN BY	DATE
EAO	MAR. 2014
CHECKED BY	D&K PROJECT #
PCB	622033
PROJ. ENG.	D&K ARCHIVE #
PCB	XXXXXX

SHEET NUMBER

1
 SHEET 1 OF 1



PROPOSED CONDITIONS SITE PLAN

SCALE 1" = 20'-0"
 20 0 20

I:\622033\1 - East Road Bridge - B-6\DESIGN\CADD FILES\622033_BDR.dgn

APPENDIX E

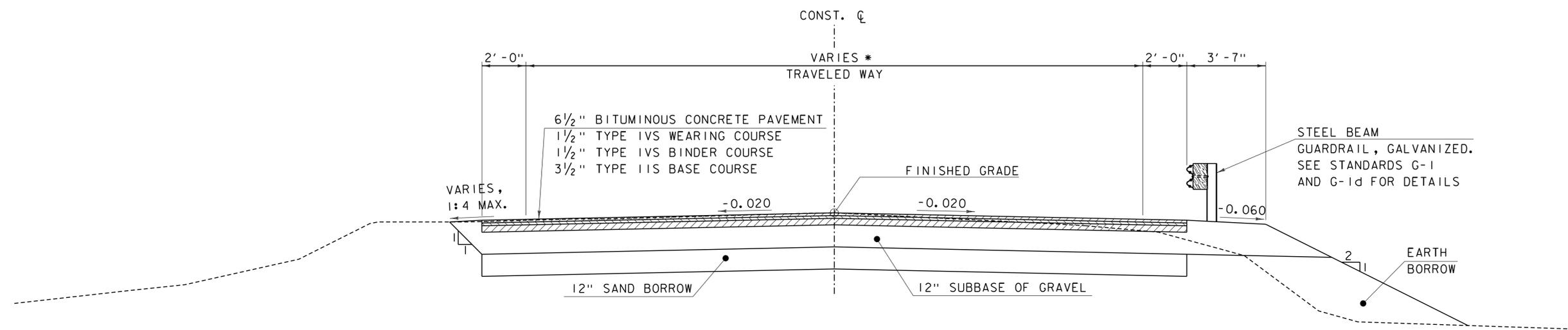
ROADWAY PROFILE

APPENDIX F

TYPICAL ROADWAY SECTION

PROFESSIONAL SEAL

**NOT FOR
 CONSTRUCTION
 PRELIMINARY
 PLANS**



* VARIES FROM 28'-0" TWO LANES TO MATCH EXISTING

TYPICAL ROADWAY SECTION

SCALE 3/8" = 1'-0"
 1 0 1 2 3 4

NO.	DATE	DESCRIPTION	BY	CHECKED

TOWN OF MILTON, VERMONT

EAST ROAD BRIDGE B-6 OVER MALLETT'S CREEK

SHEET TITLE
 ROADWAY TYPICAL SECTION

DRAWN BY EAO	DATE MAR. 2014
CHECKED BY PCB	DBK PROJECT # 622033
PRGJ. ENG. PCB	DBK ARCHIVE # XXXXXX

SHEET NUMBER
1
 SHEET 1 OF 1

APPENDIX G

TYPICAL BRIDGE SECTION

PROFESSIONAL SEAL

**NOT FOR
 CONSTRUCTION
 PRELIMINARY
 PLANS**

NO.	DATE	DESCRIPTION	BY	CHECKED

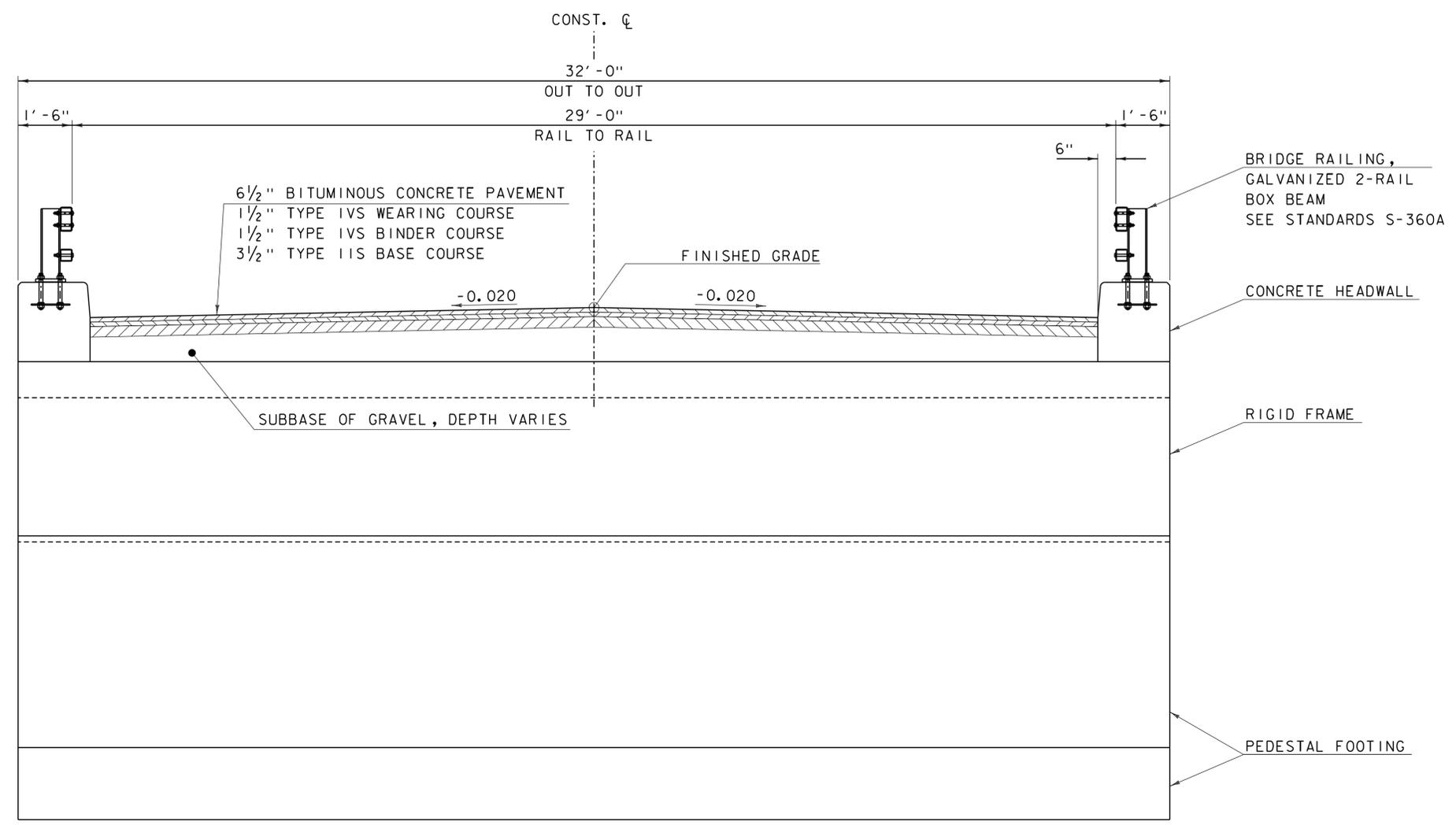
TOWN OF
 MILTON,
 VERMONT

EAST ROAD
 BRIDGE B-6
 OVER
 MALLETT'S CREEK

SHEET TITLE
 BRIDGE TYPICAL
 SECTION

DRAWN BY EAO	DATE MAR. 2014
CHECKED BY PCB	DBK PROJECT # 622033
PRGJ. ENG. PCB	DBK ARCHIVE # XXXXXX

SHEET NUMBER
1
 SHEET 1 OF 1



BRIDGE TYPICAL SECTION
 SCALE 3/8" = 1'-0"
 1 0 1 2 3 4

APPENDIX H

OPINION OF PROBABLE CONSTRUCTION COST

APPENDIX I

PREVIOUS REPORTS

622033P1
August 28, 2013

Mr. Craig Plumb
Director of Public Works / Town Engineer
Town of Milton
43 Bombardier Road
Milton, VT 05468

**SUBJECT: East Road (Town Highway No. 5) over Malletts Creek
Bridge No. B-6 Widening
Preliminary Engineering Investigation and Recommendations Report**

Dear Mr. Plumb:

DuBois & King is providing this Preliminary Engineering Investigation and Recommendations Report that describes our investigations and subsequent evaluation of the referenced bridge. The purpose of this Report is to determine the suitability of widening this bridge as desired by the Town.

Introduction

The Town has received a Structures Grant from VTrans under the Town Highway Structures Program to fund the project. The goals envisioned by the Town under this project include:

- Provide design, detailed plans for construction, and a detailed cost estimate for improvements to the existing bridge to include modifications to the wingwalls and the existing deck that allow for the bridge to be widened. The ideal rail-to-rail width should be 28 to 30-feet for a 2-lane bridge on a local road.
- Preserve motor vehicle and pedestrian access throughout construction, maintain the road grade to minimize impact to adjacent properties, minimize any potential historic impacts, minimize impacts to Malletts Creek and surrounding wetlands and assist the Town in obtaining any permits needed to construct the project.



DuBois & King, Inc. has evaluated two alternatives for widening the bridge. Alternative No. 1 is the widening of the bridge by adding an approximate 4-foot section of concrete along the upstream and downstream fascia. This alternative would also include new bridge rails. The additional concrete would be supported by doweling into the existing concrete slab along the span length and also be supported along the ends on rehabilitated wingwalls. Alternative No. 2 is to widening the bridge by replacing the entire superstructure with a new cast-in-place concrete slab and new bridge rails. This would be accomplished by placing the new superstructure on rehabilitated abutments and wingwalls as necessary.

In both widening alternatives the concrete parapets would need to be replaced with either a curb mounted or fascia mounted bridge rail option.

Our planned final engineering study will consider key components of design and construction and the specific impacts that would affect the municipality and general public. In preparation of a recommendation, thought and consideration was given toward: natural and cultural resources, superstructure and substructure conditions, hydraulic requirements, structure durability, impacts to right-of-way and utilities, construction schedule, maintenance of traffic, and the opinion of probable construction costs.

It is expected that traffic would be maintained on East Road with the East Road Bridge No. B-6 being constructed in two (2) stages, with one lane of traffic open at all times.

Site Visit

The site inspection was conducted on July 16, 2013 and consisted of DuBois & King, Inc. engineers visiting the site and making visual observations of the existing bridge, roadway approaches, streambed conditions, site constrictions, and documentation of the existing bridge. The site inspection concluded with a photo documentation of the entire site and surroundings.

The existing East Road Bridge No. B-6 spans approximately 12' - 10" over Malletts Creek and is comprised of a 16-inch thick cast-in-place concrete slab superstructure, supported on cast-in-place concrete abutments. It is not known when the bridge was built, but the bridge has experienced significant deterioration to the superstructure and substructure over its service life. The bridge is currently in poor condition.

The bridge is located approximately $\frac{3}{4}$ of a mile northeast of the intersection of Marris Hollow Road and East Road, between the intersections of East Road with Marris Hollow Road and Duffy Road. The existing bridge railings are



cast-in-place concrete with galvanized steel guardrail mounted along the inside face. The guardrails along each approach are galvanized steel beams with an average length of 71'-7" on each corner, and the rails have significant hit damage throughout. In addition, the bridge has a width of 20' - 8" railing-to-railing which is considered "narrow" for a true two lane bridge. East Road is a paved road and is classified as a rural, local road by VTrans. The west approach pavement width is approximately 20'-10" while the east approach pavement width is approximately 21'-8". There are no known underground or overhead utilities in the area.

Evaluation and Early Recommendations

The initial step in the evaluation of an existing bridge structure for widening / rehabilitation is the documentation of existing conditions. The following is a condition assessment summary of the existing bridge railings, cast-in-place concrete slab, abutments and wingwalls:

Superstructure

The existing bridge railings consist of 14-inch wide concrete parapets along each fascia, and are in satisfactory condition. The concrete parapets are approximately 2' - 4" above the roadway surface and have galvanized steel guardrails mounted to each inside face.

There is approximately 14-inches of pavement and soil beneath the top of the bituminous concrete roadway surface and the top of the existing cast-in-place concrete slab.

The existing superstructure is a 16-inch-deep cast-in-place reinforced concrete slab. The concrete slab is in poor condition overall. The existing slab has a clear span of approximately 12'-10". The existing bridge is on a slight skew to the creek (approximately 7 degrees). The existing slab has significant cracking and salt efflorescence throughout and is visible along the entire bottom surface of the slab. The deterioration / delamination is the most significant extending 4-feet in from each



fascia where the 2-inch concrete cover is becoming separated. The slab vertical face along each fascia has significant delamination with cracking covering the entire length.



The significant superstructure deterioration makes Alternative No. 1 **not feasible** (widening of the bridge by adding an approximate 4-foot section of concrete along the upstream and downstream fascia). This alternative is **not feasible** because drilling / doweling into the existing cast-in-place concrete slab is not possible due to its deteriorated condition. The concrete would likely crumble under the drilling operation, and could not be relied upon for structural support of the widened section.

Substructure

A condition assessment of the existing substructure (abutments and wingwalls) was performed to determine the feasibility of reusing the existing abutments and wingwalls, as well as what repairs would be necessary to extend the service life. This condition assessment consisted of DuBois & King, Inc. engineers making detailed observations and measurements of the walls. The observations were used to determine if they required repair, and the extent of the repair. Sounding of the concrete was also performed to determine any deteriorated areas.

The existing abutments and wingwalls are in poor condition overall. The existing west abutment has a 1-inch wide vertical crack that extends all the way through the abutment for its full height. The abutment appears to be unreinforced. The existing west abutment also has an approximate 6-inch deep scour hole beneath it for its entire length. Much of the soil that formerly supported the abutment has washed away. Scour of this magnitude and the vertical crack are a serious concern. The west abutment also has minor spalling and delamination throughout, and the existing northwest wingwall has significant spalled concrete.



The existing east abutment has a 2 to 3-inch wide vertical crack that extends all the way through the abutment for its full height. This crack is also of significant concern. It appears that minimal horizontal reinforcement was actually sheared through at the crack location. The existing east abutment also has an approximate 6-

inch deep scour hole beneath it for its entire length with a 12-inch deep scour hole beneath the entire southeast wingwall. Scour of this magnitude and the vertical crack are serious concerns.

It appears that sometime in the past an attempt was made to fix this east abutment crack. The existing east abutment currently has (4) ¾-inch diameter threaded rods (2 to each side of the crack). It appears that these threaded rods were used as a connection to bridge the crack or as tie backs to prevent the existing abutment from rotating due to the scour. The rods are old and rusted, and do not connect to any portion of the bridge or each other. They provide no support to the bridge at this time.

Lastly, the existing east abutment has minor cracking and delamination throughout, and the northeast and southeast wingwalls have significant spalled concrete throughout.

The significant cracks and scour along each existing abutment make Alternative No. 2 **not feasible** (widening the bridge by replacing the entire superstructure with a new cast-in-place concrete slab and new bridge rails). This alternative is **not feasible** because replacing the entire superstructure with a new cast-in-place concrete slab with new bridge rails would put additional dead load on both of the already-compromised abutments.



D&K has reviewed significant steps to repair the cracks and grout the scour yet it is our recommendation that both of these existing abutments **cannot** be reused.

Preliminary Hydraulics

D&K has conducted a preliminary hydrologic and hydraulic analysis of the site. These findings are only preliminary because D&K has not completed a full topographical survey yet because of the significant deterioration of the bridge confirmed during our site visit. The preliminary hydrologic analysis determined a drainage area of 5.17 square miles at the bridge. This drainage area is equivalent to a bankfull width of 27 feet. VTANR requires that new bridge spans be sized for at least bankfull width. The existing bridge structure clear span is currently only 12'-10". The existing structure is currently significantly undersized, and ideally the span should be more than doubled. It is D&K's opinion that the narrow structure is causing significantly high river velocities during heavy rain events. High river velocities have been known to produce scour as found on this existing bridge structure.

Conclusion and Recommendations

It is D&K's recommendation that both Alternative No. 1 (widening of the bridge by adding an approximate 4-foot section of concrete along the upstream and downstream fascia) and Alternative No. 2 (widening the bridge by replacing the entire superstructure with a new cast-in-place concrete slab and new bridge rails) are **not feasible** at this site. The significant concerns outlined above led to this conclusion.

It is D&K's recommendation that the **only feasible alternative** to widen this bridge would be to replace the entire bridge structure. D&K has determined that a new 27-foot long clear span structure at this location would cost approximately \$500,000 including both construction and engineering costs. This cost is significantly greater than the Town Highway Structure's grant that the Town of Milton currently has to fund the project.

The Town of Milton will need to review the foregoing information and determine what next steps should be taken. I would be happy to meet with you and the Selectboard to elaborate on any aspect of this letter, and to discuss what options are available to the Town. Please contact me when you are ready so that we can schedule a time to discuss our next steps.

Very truly yours,
DuBOIS & KING, INC.

Peter C. Bero

Peter C. Bero, P.E.
Project Manager



TOWN OF MILTON, VERMONT 05468-3205

TOWN ENGINEERS OFFICE • 43 BOMBARDIER ROAD • 802-893-6030 • FAX: 893-1005

EMAIL: bpatrick@town.milton.vt.us

June 19, 2002

Ms. April Moulaert, District Wetlands Ecologist
Vermont DEC-Water Quality Division
103 South Main Street
Building 10 North
Waterbury, VT 05671-0408

RE: Bridge Replacement East Road Bridges #5 & #6, Lake Road Bridge #8

Dear April:

Here are maps showing the location, wetlands and proposed bridge and road realignments for three bridges the Town needs to replace. VTrans has performed hydrological studies for all three bridges and I have already met with Chris Brunelle, River Management Engineer, DEC and Randy Reed, VTrans District #8, Transportation Technician.

Bridge # 5 on East Road requires both horizontal and vertical alignment changes to bring it up to an acceptable safety standard for the volume of traffic the road currently serves. VTrans has made three recommendations for replacement of these structures.

Bridge #6 on East Road requires to be widened to 30 feet with a 28-foot travel lane to correct the safety deficiencies of the bridge. VTrans has made two recommendations for replacement of these structures.

Bridge #8 on Lake Road requires bridge replacement and road realignment to correct both the bridge deficiencies and an intersection alignment of Lake Road and Stonebridge Road. VTrans has made several recommendations for replacement of these structures.

The Town proposes to use C-span or similar construction techniques to replace all these structures if at all possible. While costing slightly more than a concrete box culvert or corrugated metal pipe culvert, the cost is comparable to constructing a concrete slab bridge. There are two factors that make this type of construction preferred in my opinion:

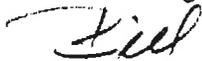
1. The footing work can be done out of the water, lessening any impact to the stream channel during replacement and keeping all future work out of the stream channels to the greatest extent. This type of construction also retains the natural stream bed under the bridge spans.
2. The bridge sections are prefabricated. Therefore, after the footing work has been accomplished, the bridge sections are lowered onto the footings. This gives the shortest impact to the environment while improving the highway safety at these locations.

An examination of the National Wetland Inventory Maps shows that East Road Bridge #6 is the only bridge with inventoried wetland in close proximity to the bridge. Both of the other bridges have inventoried wetlands downstream.

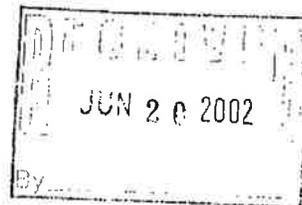
I look forward to showing you the sites on June 25, 2002 and having your input in developing plans to correct the current alignment and safety problems of these bridges with the smallest environmental impacts as possible.

Sincerely,

William Patrick
Town Engineer



CC: Ted Nelson, Jr., Town Manager,
Norm Smith, Highway Foreman,
Aaron Henson, Planning Director



Attn. Bill Patrick

VT AGENCY OF TRANSPORTATION

TECHNICAL SERVICES DIVISION

HYDRAULICS UNIT

TO: Randall Reed, via George Decell, Acting DTA 8
FROM: Mike Tuttle, Hydraulics Engineer *MT*
DATE: May 3, 2002
SUBJECT: Milton Hydraulics Requests – TH5 BR5, TH5 BR6, and TH 3 BR8

We have completed preliminary hydraulics for the above referenced structures and have the following information for your use:

TH5, BR5

East Rd

The drainage area tributary to this crossing is 1.43 sq miles in size. Primarily forested, the change in elevation from the divide to the site is 875 feet. The basin is 14700 feet long which gives an average slope of about 6%.

Based on the use of several hydrologic methods, the following flow rates were derived:

<u>Recurrence Interval, yrs</u>	<u>Flow Rate, CFS</u>
Q2.33	60
Q10	150
Q25	190 – TH design flow
Q50	240
Q100	275 – Check Flow

The existing structure is a concrete over corrugated steel slab bridge with sloping abutments. The clear span ranges from 9'6" at the bottom, to 12'6" at the top of the opening. The clear height ranges from 8'2" to 9'2". This size structure will pass the design flow at a depth of 4'. The structure is more than adequate hydraulically. BR 5 may have been sized initially to provide an opening for cattle crossing. The farmer is no longer running cows on the farm, but you should check any relevant deeds to see if a cattle pass at this location is required by easement.

If cattle crossing is not required, we recommend any of the following:

1. A 10' x 6' reinforced concrete box (RCB). The box should be buried 1 ft below the stream bed, and fitted with baffles to retain 1' of native material in the bottom of the box. This will leave a waterway opening of 10' x 5' and will result in a headwater to depth ratio (HW/D) of 0.8 at the

- Q25 design flow rate. Depth of water 3.8 ft. At Q100, the HW/D ratio will be 1.0. Water depth 4.9 ft.
2. A 9'9" x 6'7" CMPPA may be considered. This size structure, also fitted with baffles will provide a waterway of 9'9" x 5'7" and will result in a HW/D ratio of 0.8 at the design flow rate and A HW/D ratio of 1.0 at the Q100.
 3. Any other structure with a span of 10 feet, and a minimum waterway area of 45 sq ft may also be considered.

TH5 BR6 *East Rd*

The drainage area tributary to this crossing is about 5.5 sq mi. About half of the drainage area is open, and the other half forested. There is a change in elevation from the site to the divide of 760 ft, and the drainage basin is about 26500 ft long. This yields an overall average slope of 2.9%. Use of several hydrologic methods gives the following flow rates:

<u>Recurrence Interval, yrs</u>	<u>Flow Rate, CFS</u>
Q2.33	110
Q10	275
Q25	365 – TH design flow
Q50	425
Q100	490 – Check Flow

The existing structure is a concrete slab bridge. The structure has a 13'4" clear span, and a clear height of 5' from the top of the footings. There is a scour hole throughout the length of the bridge about 4 feet deep which indicates the structure is undersized.

For replacement, we recommend a concrete slab bridge. Bridge dimensions should be 16 ft wide by 6' clear height to provide 1' of clearance at design flow in accordance with VT State Standards.

An RCB box structure may be considered at this site with a clear opening of 16' X 5'. The box should be 6' deep, to provide for baffles, and retention of 1' of native material in the bottom.

We do not recommend a pipe or pipe arch structure, as it may not be possible to provide 3 ft of clearance between the top of the structure and the road surface.

TH3 BR8 *Lake Rd*

The USGS has a permanent gaging station located at this site along Stone Bridge Brook. The Drainage basin tributary to this crossing is 8.45 sq mi. The basin is about 39000 ft long and drops 470 feet from the divide to the site. This results in an average slope of 1.2% for the whole area.

The existing structure, Stone Bridge, was rebuilt around a +/- 13' multi plate pipe open bottom arch. The arch is founded on poured concrete footings. The arch is in fair condition, although there is rust

starting at the base of the arch at the footing level. The footings are undermined and scoured out in places along primarily the westerly abutment. The footings themselves should be on ledge as there is a +/- 4' drop through the structure, and ledge is visible in the channel bottom. The northeasterly wingwall is leaning, and in danger of collapse. The other wings appear to be in fair condition. The historic nature of the structure may make replacement problematic.

The existing structure is at capacity according to VT design Standards, so lining the arch is not advisable. I recommend you contact Pam Thurber, Vtrans Bridge Inspection Engineer for an evaluation of the existing condition, and possible recommendations for a rehab of the bridge.

Should replacement of this structure be possible, we would recommend a bridge with a minimum 20 foot clear span.

General comments

If a new box (or at BR5, a new arch) is installed at any of the above sites, 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 a new bridge(s) is installed, the bottom of abutment footings should be at least six feet below the channel bottom, or to ledge, to 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, and constructed on a grade that matches the channel.

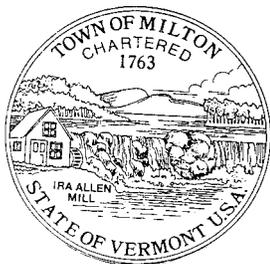
Stone Fill, Type II should be used to protect any disturbed channel banks or roadway slopes at the structure's inlet and outlet, up to a height of at least one-foot above the top of the opening. The stone fill should not constrict the channel or structure opening.

The Agency of Natural Resources (ANR) may have additional concerns regarding replacement of any of these structures, or any channel work. The Stream Alteration Engineer should be contacted with respect to those concerns.

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.

Should you have any questions, please call me at 828-5763.

cc: Chris Brunelle, ANR Stream Alteration Engineer
JB McCarthy, Structures Engineer



TOWN OF MILTON, VERMONT

Legislative and Fiscal Analysis of Requested Selectboard Actions

January 2013 VTrans Town Road and Bridge Standards

Date: November 3, 2014

Legislative Analysis:

On February 18, 2014 the Selectboard certified the Town's compliance with the January 23, 2013 VTrans Town Road and Bridge Standards as part of the Everest Road Reconstruction grant application. The Town has been notified by VTrans that they now require Towns to pass and adopt the actual template used to establish the standards.

As a requirement of the VTrans Town Highway Program and FEMA Emergency grants, Towns must certify that they comply with the Town Highway and Bridge Standards established by VTrans. Failure to adopt and certify compliance with the standards will reduce future grant funding by at least 10%.

Staff has reviewed the Town Road and Bridge Standards template and certifies that the Town of Milton Public Works Specifications and current highway maintenance practices comply with the standards.

Fiscal Analysis:

None.

Recommended Action:

Approve the resolution adopting and affirming the Town's compliance with the January 23, 2013 VTrans Town Road and Bridge Standards and signify by signing the standards template.

Prepared By: Roger F. Hunt, Public Works Director



Resolution

TOWN OF MILTON

Certification and Adoption – VTrans January 23, 2013 Town Road and Bridge Standards

WHEREAS, in order to receive State Grant Funding at reduced local match rates, Towns must certify and adopt the January 23, 2013 VTrans Town Road and Bridge Standards; and,

WHEREAS, the Selectboard must signify the adoption and certification of the standards by signing the template provided by the State; and,

WHEREAS, failure to sign the template will result in increased local matches for future grants and emergency funding; and

WHEREAS, Staff has reviewed the Town Road and Bridge Standards template and certifies that the Town of Milton Public Works Specifications and current highway maintenance practices comply with the standards.

THEREFORE, BE IT RESOLVED, that the Town of Milton hereby adopts and certifies its compliance with the January 23, 2013 VTrans Town Road and Bridge Standards.

Dated at Milton, Vermont this _____ day of _____, 2014

MILTON SELECTBOARD

Darren Adams, Chairperson

John Gifford, Vice-Chairperson

John Bartlett, Clerk

Stuart King

Brenda Steady

Filed with the Milton Town Clerk's Office this _____ day of _____, 2014

Attest: _____
Milton Assistant Town Clerk

TOWN ROAD AND BRIDGE STANDARDS TOWN OF MILTON , VERMONT

The Town of Milton hereby adopts the following Town Road and Bridge Standards which shall apply to the construction, repair, and maintenance of all town roads and bridges.

The standards listed here are considered minimum and apply to construction projects and repair and maintenance activities. The standards include management practices and are designed to: ensure the safety of the traveling public, minimize damage to road infrastructure during flood events, and enhance water quality protections by minimizing sediment delivery to surface waters and/or wetlands.

The select board reserves the right to modify the standards for a particular project or repair or maintenance activities where, because of unique physical circumstances or conditions, there is no possibility that the project or activities can be completed in strict conformance with these provisions. Any modifications to the standards must be done in a manner that serves the underlying intent of the management practice, be it public safety, flood hazard avoidance, or water quality protection. Fiscal reasons are not a basis for modification of the standards. Questions about modifications to the standards should be directed to the VTrans District Office.

Municipalities must comply with all applicable state and federal approvals, permits and duly adopted standards when undertaking road and bridge activities and projects.

Any new road regulated by and/or to be conveyed to the municipality shall be constructed according to the minimums of these standards. If any federal and/or state funding is involved in a project, the VTrans district office must be notified prior to any field changes taking place that would alter the original scope of work.

Roadways

- All new or substantially reconstructed gravel roads shall have at least a 12-inches thick processed gravel sub-base, with an additional 3 inches (minimum) top course of crushed gravel.
- All new or substantially reconstructed paved roads shall have at least a 15 inches thick processed gravel sub-base.
- All roadways shall be graded so water does not remain on the road surface. For roadways that are not super-elevated, this generally means a 2-4% ($\frac{1}{4}$ " - $\frac{1}{2}$ " per ft) crown for gravel roads and a 1-2% ($\frac{1}{8}$ " - $\frac{1}{4}$ " per ft) crown for paved roads to promote sheeting of water.
- Proper grading techniques for gravel roadways must be used to avoid creating a ridge or berm between the crown and the ditch.
- Any berm along the roadway shoulder that prevents the proper sheeting of water must be removed.

Ditches and Slopes

Soil exposed during ditch and slope construction, repair or maintenance must be treated immediately following the operation and temporary erosion prevention and sediment control practices must be installed and maintained during construction activities and until the ditch or slope is permanently stabilized.

The following are minimum erosion control measures. Careful attention must be given to areas vulnerable to erosion and immediately adjacent or discharging to surface waters and/or roadway drainage facilities:

- Seed and mulch all ditches with grades less than 5% when undertaking projects or repairs or maintenance activities that result in exposed soil. Vegetation must be established and monitored. If vegetation is not established within 10 days of placement, install biodegradable non-welded matting with seed.
- Stone line all new or reconstructed ditches or whenever soils are disturbed by maintenance activities with grades equal to and greater than 5%; alternatively, install stone check dams. The check dams must meet criteria outlined in the *“Standards and Specifications for Check Dams,”* from the *Vermont Standards and Specifications for Erosion Prevention and Sediment Control*. Specifically, dams must be placed so that the crest of the downstream check dam is at the same elevation as the base of the upstream dam.
- Create parabolic (wide “U” shaped) ditches when constructing new or substantially reconstructing ditches, rather than narrow “V” shaped ditches wherever lateral space allows. Ditches with gradual side slopes (maximum of 1:2, vertical to horizontal ratio) and a wide bottom (at least 2 feet) are preferred. Use biodegradable, non-welded matting to stabilize side-slopes where slopes are greater than 1:2 and less than 1:1 ½; apply seed and mulch to any raw or exposed side-slope if slopes are less than 1:2.
- All ditches must be turned out to avoid direct outlet into surface waters. There must be adequate outlet protection at the end of the turnout, either a structural (rock) or vegetative filtering area.
- If in the best professional engineering judgment of the VTrans Operations Division, there is a cost effective ditch treatment that will meet the intent of the management practices described above, but represents a departure from these standards, the municipality may implement the more cost effective ditch treatment alternative with the professional recommendation submitted in written form by VTrans prior to the municipality executing the work.
- When constructing new or substantially reconstructing side slopes, use appropriately sized stone armament on slopes that are 1:1½ or greater. If perennial streams are affected by the toe of slope the project must conform to the statewide Stream Alteration standards.

Culverts and Bridges

- Replacement of existing culverts and any new culvert must have a minimum culvert diameter of 18 inches.
- Replacement of existing bridges and culverts and any new bridges and culverts must be designed in accordance with the VTrans Hydraulics Manual, and, in the case of perennial streams, conform to the statewide Stream Alteration standards.
- All new driveway culverts must have a minimum diameter of 15 inches.
- When installing or replacing culverts, use appropriate techniques such as headwalls and wingwalls, where there is erosion or undermining or where it is expected to occur.
- Install a splash pad or plunge pool at the outlet of new or repaired drainage culverts where there is erosion or where erosion may occur. Splash pads and plunge pools are not appropriate for use in streams supporting aquatic life.

Guardrails

When roadway, culvert, bridge, or retaining wall construction or reconstruction projects result in hazards such as foreslopes, drop offs, or fixed obstacles within the designated clear-zone, a roadside barrier such as guardrail must be installed. The most current version of the AASHTO Roadside Design Guide will govern the analysis of the hazard and the subsequent treatment of that hazard.

Access Management

The town must have a process in place, formal or informal, to review all new drive accesses and development roads where they intersect Town roads, as authorized under 19 V.S.A. Section 1111. Towns may reference VTrans A-76 Standards for Town & Development Roads and B-71 Standards for Residential and Commercial Drives; and the VTrans Access Management Program Guidelines for other design standards and specifications.

Training

Town highway maintenance crews must collectively attend a minimum total of 6 hours of training per year on best road management practices. The town must keep documentation of their attendance for a period of three years.

Passed and adopted by the Selectboard of the Town of Milton, State of Vermont on November 3, 20 14.

Select Board: _____

**Certification of Compliance
for
Town Road and Bridge Standards**

We, the Legislative Body of the Municipality of Milton certify that we have reviewed, understand and comply with the Town Road and Bridge Standards passed and adopted by the Selectboard on March 22, 2011.

We further certify that our adopted **Town Road and Bridge Standards** do do not meet or exceed the minimum requirements included in the **January 23, 2013 VTrans** template.



Date: FEB 18, 2014

John C. Clippard

John W. Bartlett

Louis H. MoseyTH

(Duly Authorized Administrator)



TOWN OF MILTON, VERMONT

Legislative and Fiscal Analysis of Requested Selectboard Actions

**Bove's of Vermont – Mark & Rick Bove, Owners
Map 25, Parcel 13974, Catamount Drive
Private Fire Hydrant Maintenance Agreement**

Date: November 3, 2014

Legislative Analysis:

Bove's of Vermont is in the process of planning and developing a lot in the Catamount Industrial Park to serve as a sauce factory. The build out of the lot will have two fire hydrants, connected to the dedicated fire main system in the park. Since this is a connection to a dedicated fire system, the new hydrants will not be considered a private consecutive water system and therefore do not require a consecutive system exemption from the State of Vermont.

The fire main system in the park is connected to the Town of Milton Water Distribution System. In order to control unmetered water loss and preserve the proper operation of the fire hydrants, the applicant and Town wish to enter into the attached Fire Hydrant Maintenance Agreement, which is binding and permanent upon the property.

Fiscal Analysis:

Each hydrant requires approximately 0.5 hours of maintenance each year. This includes water main flushing, which is required by the maintenance agreement. Our current annual fee is \$100 per year/per hydrant. When the build out of the private water system is complete, the annual revenue generated to offset the Town's operations and maintenance costs will be \$600.

Recommended Action:

Staff recommends the acceptance of the attached Private Fire Hydrant Maintenance Agreement by the Selectboard and authorization of the Town Manager to execute the necessary agreements.

Prepared By: Roger F. Hunt, Public Works Director



Resolution

TOWN OF MILTON

**Bove's of Vermont – Mark & Rick Bove, Owners
Map 25, Parcel 13974, Catamount Drive
Private Fire Hydrant Maintenance Agreement**

WHEREAS, Mark and Rick Bove, herein after known as the Owner, is constructing a private fire suppression system to serve a Commercial Development, herein known as Bove's of Vermont located on Catamount Drive, Milton Vermont; and

WHEREAS, the fire suppression system will contain two privately owned fire hydrants, which will require periodic maintenance to operate properly and prevent unmetered water loss; and,

WHEREAS, Mark and Rick Bove and the Municipal Staff have prepared the attached permanent Private Fire Hydrant Maintenance Agreement to preserve the proper operation and prevent water loss by the Owner's fire suppression system.

NOW, THEREFORE BE IT RESOLVED, by the Selectboard of the Town of Milton to authorize the Town Manager to execute the permanent Private Fire Hydrant Maintenance Agreement between Mark and Rick Bove and the Town of Milton, to maintain the proper operation and prevent water loss within the Bove's of Vermont Fire Suppression system.

Dated at Milton, Vermont this _____ day of _____, 2014

MILTON SELECTBOARD

Darren Adams, Chairperson

John Gifford, Vice-Chairperson

John Bartlett, Clerk

Brenda Steady

Stuart King

Filed with the Milton Town Clerk's Office this _____ day of _____, 2014

Attest: _____
Milton Assistant Town Clerk



TOWN OF MILTON, VERMONT 05468-3205

WATER & WASTEWATER DIVISION



PRIVATE FIRE HYDRANT MAINTENANCE AGREEMENT

AGREEMENT by and between **Mark and Rick Bove**, hereinafter referred to as **Owner** and the **Town of Milton**, hereinafter referred to as **Municipality**.

WITNESSETH:

WHEREAS, the **Owner** owns **Fire Hydrants**, hereinafter known as **hydrants**, located at Map **25**, Parcel **13974** on **Catamount Drive**, Milton, Vermont; and

WHEREAS, the **Owner** wishes to enter into a permanent maintenance agreement with the **Municipality** to operate and maintain said **hydrants** to maintain the hydrants in accordance with accepted practices to protect the quality of the water delivered from the **Municipalities'** water system.

NOW, THEREFORE, in order to protect the quality of the potable water delivered to its users, the **Owner** and the **Municipality** enter into the following permanent maintenance agreement.

- a. The **Owner** grants an unrestricted easement to the **Municipality** for the purpose of operating and maintaining fire hydrants.
- b. The **Owner** shall be invoiced by the **Municipality** and remit to the same annually, the annual maintenance fees established and/or amended by resolution of the Selectboard of the **Municipality**, per the requirements of the Water Ordinance.
- c. The **Municipality** shall perform the following maintenance under the supervision of a certified water system operator at least semiannually;
 - i. Inspect and flush each hydrant as necessary to verify proper operation.
- d. The **Municipality** shall perform the following maintenance & inspections at least annually:
 - i. Provide a written report to the **Owner** recommending any repairs or long term maintenance issues that need to be addressed that are not subject to this agreement.
- e. The **Municipality** shall perform the following maintenance on an as needed basis:

- i. Paint hydrants.
- f. The **Owner** shall be responsible for the following:
 - i. The cost to repair or replace fire hydrants on the **Owner's** property. The **Municipality** shall not be obligated to perform these services; however, the **Owner** may contract with the **Municipality** to perform these services by a separate agreement.
 - ii. Said repair or replacements shall be conducted under the supervision of the **Municipality** and are subject to the requirements of the Water and Public Works Ordinances of the **Municipality**.
 - iii. The cost of any water use by the **Municipality** while performing the maintenance subject to this agreement.
- g. The **Owner** shall hold the **Municipality** harmless for any property damage that may occur during the act of performing the inspections or maintenance as described above.
- h. The **Owner** shall not operate any hydrant without the written consent of the **Municipality**.
 - i. Any water consumed while the **Owner** is in the act of operating said blow-offs shall be metered and the **Municipality** reimbursed for the amount of water consumed.

The **Owner** and the **Municipality** agrees that said agreement is permanent; however the conditions may be subject to changes in State and/or Federal Regulations.

The maintenance agreement shall run with the land and shall be binding upon all assigns, grantees, successors and/or heirs of the **Owner**.

IN WITNESS WHEREOF, we hereunto set our hands and seals this 15 day of October, 2014.

Maria L'Esperance
Witness
Printed Name:

[Signature]
By: Mark Bove

[Signature]
By: Rick Bove

STATE OF VERMONT
COUNTY OF CHITTENDEN, ss

At Milton, this 15 day of October, 2014, personally appeared, and acknowledged this instrument, by them sealed and subscribed, to be their free act and deed and the free act and deed of Bove's of Vermont, Inc.

Before me: [Signature]
Notary Public
Commission expires: 2/10/15

IN WITNESS WHEREOF, I hereunto set my hand and seal this _____ day of _____, 2014.

TOWN OF

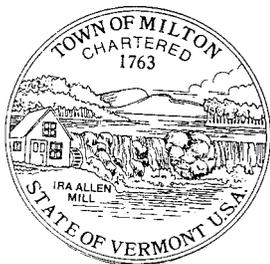
Witness
Printed Name:

By: Brian M. Palaia, Town Manager
Its Duly Authorized Agent

STATE OF VERMONT
CHITTENDEN COUNTY, SS.

At Milton, this ___ day of _____, 2014, personally appeared _____, duly authorized agent of the Town of Milton, and he acknowledged this instrument by him signed and sealed to be his free act and deed and the free act and deed of the Town of Milton.

Before me: _____
Notary Public
Commission expires: _____



TOWN OF MILTON, VERMONT 05468-3205

TOWN MANAGER'S OFFICE
43 BOMBARDIER ROAD • 802-893-1186 • FAX: 893-1005

MEMORANDUM

TO: Selectboard

FROM: Brian Palaia, Town Manager

RE: Legislative Breakfast Planning

DATE: October 30, 2014

Each year the Town Manager, Selectboard, and Economic Development Commission have hosted a legislative breakfast inviting our local representatives and senate to talk about priority topics before the legislative session starts.

I have saved the date and morning of Wednesday, December 10, 2014 for this year's session. Formal invitations will be mailed to our delegation and other State administration officials following the election results next week.

Some suggested topics for this year's legislative session include:

- State Permit Reform – see attached document with recommendations developed by a Committee I serve on, the Regional Planning Commission. Also see section 4 of the Vermont League of Cities and Town's policy platform.
- Education Property Tax Reform – see attached resolutions from earlier this year
- Alternative Economic Development Programs to pay for the infrastructure needed to support economic development (some concepts are included in the permit document I refer to above)

The purpose of this memo is prompt discussion about whether these topics are suitable for this year's breakfast or whether you would like to include other topics.

**Improving Vermont's Permitting System
CCRPC Permit Improvement Committee**

**Draft Recommendations for review by PAC & TAC
October 21, 2014**

There continue to be opportunities to improve the permitting system in Vermont. In identifying these opportunities, we have grouped them into three categories of focus: smart growth improvements, economic development improvements, and process improvements. The following reflect statements of principles and ideas and not specific legislative proposals including all of the details necessary for statutory change.

Smart Growth recommendations:

1. Continue to encourage infill development over sprawl pattern.
2. To encourage infill and redevelopment, eliminate Act 250 review entirely in the state-designated areas (downtown, neighborhood, new town center, growth center, village) creating more of an incentive to go through the designation process.
3. Revise Energy code requirement in Act 250 Criterion 9f – The current requirement to conceptually model building design to document energy code compliance 10% better than code does not make sense. It is selectively targeting only the projects that go through Act 250 and creating a disincentive for going through Act 250 in smart growth locations.
4. When Act 250 evaluates traffic impacts, credit should be given for pre-existing development so as to encourage redevelopment.
5. Prime Agricultural soils on-site mitigation should not be required in areas targeted for development by the municipality and region.

Community and Economic Development -

1. Target Infrastructure Planning Funds – Increase ANR funding and give priority to municipalities planning for water, wastewater, storm water, and other infrastructure to support designation/efficient land use/compact development.
2. Target, promote and install water/wastewater systems in villages/downtowns/growth centers and enterprise zones.
3. Authorize the opportunity for additional TIF districts.
4. Re-affirm support for local infrastructure financing in designated areas consistent with municipal and regional plans.
5. Create a new designation for Enterprise Zone.

- a. Zones must be clearly identified in the adopted regional and municipal plans. With RDC, confirm that the site is needed for high wage, value-added employment. Consider having Downtown Board approve designation.
 - b. Expand the VEDA managed revolving loan fund for the creation or improvement of industrial parks in Enterprise Zones to include municipalities and private companies as eligible entities.
6. Have VEDA provide financing up to 50% of site planning, acquisition, and infrastructure costs for employment in any state designation. The State can either fund projects using grants, loans (to be recovered from initial lot sales) or a combination of both.
 7. Authorize municipalities to put local options tax into place by a municipal vote only.
 8. Expand the capacity of the bond bank to issue revenue bonds (not just general obligation) in revenue bond districts. Reduce interest rate for projects in state designations from the bond bank. Like VEDA, provide 1 % loans to be paid back with additional property taxes in the designated area until the loan is paid off; plus one additional year of the property tax revenue to mitigate risk in the pool.
 9. Expand the State Treasurer's municipal equipment loan fund for more eligible uses related to municipal infrastructure.

Permitting Process recommendations:

In general, the state permit process should encourage development in appropriately planned places and discourage development outside of those areas. If this recommendation would result in a more efficient and timely process in designated growth areas, it may be appropriate to develop more stringent standards and thresholds for development review in rural areas.

1. Electronic submissions –
 - a. Revise state statute to allow for electronic signatures and electronic file submission to be the official record.
 - b. Use technology to create a common application form with basic applicant and project information for use in all applications and link databases so that all permits/applications are accessible through one portal. This should include state agency (ANR, VTrans) and Act 250 applications.
2. Review times –
 - a. Consider 30 or 60 day time frames for review of major projects. Implement a 15 day completeness review with a 30 to 60 day compliance review. Applicants need clear guidelines as to what constitutes a complete and compliant application.
 - b. Improve the system to complete the reviews in the timeframes by increasing the use of certifications and 3rd party reviews.
 - c.
3. Appeals-related -
 - a. There should be an option of an appeal at the administrative level first within agencies to resolve issues of consistency of review.

- b. Given the numerous permits required to develop, when one permit is appealed that should by law pause the clock on other permits.
 - c. Work towards allowing an “on the record review” process at the state and District Environmental Commission levels at the choice and expense of the applicant. Then the Environmental Court can decide an appeal based on evidence developed before these review boards instead of having an entirely new trial.
4. Vesting -
- a. Clarify statute for determining at which point an applicant is vested with regards to basic zoning (use and density) compliance prior to obtaining other local and state technical permits.
5. Master Planning –
- a. Master plan permitting should rely more on conceptual plans and capacity analysis as opposed to engineer sealed plans with more detail. Master plan permit approval should include conditions of obtaining the other more detailed permits (stormwater, wastewater, etc.).
6. Integrating Municipal and State Permitting –
- a. Consider expanding opportunities for delegation of Act 250 review to municipalities that have strong municipal bylaws and enforcement. Evaluate which criteria are better handled at the municipal level.
 - b. Provide a mechanism for municipalities to issue Wastewater System and Potable Water Supply Permits for connections to their municipal water and wastewater facilities without having to take responsibility for private water and on-site septic system permits as well.
 - c. If Act 250 is not engaged, municipal DRB approval should include conditions that any state permits required by a project review sheet be obtained prior to construction.

**RESOLUTION FOR SUSTAINABLE
EDUCATION FUNDING REFORM IN VERMONT:**

- Education Funding is a statewide priority and needs to be addressed at the State level.
- In the past 10 years the Vermont student population has declined by 10,618 (or 10%)
- In the past 10 years Vermont education spending has increased by \$300 million (or 33%)
- In the past 10 years Vermont per student spending has increased by \$6,537 (or 60%)
- In the past 10 years reliance on education property taxes has increased nearly 7%
- Nearly 70% of Education spending is funded by property taxes.

Vermont has reached its maximum capacity to support education funding through the Statewide Education property tax. Vermont cannot ignore the current trends and the limitations of our property tax base. Without responsible funding system reforms, Vermont schools will be forced to undergo arbitrary and detrimental budget cuts that will affect the quality of education in Vermont.

Vermont can achieve a sustainable Education future:

- Create a more diverse education funding system, sharing the costs equally between all our tax resources (income, sales, rooms & meals, and property taxes)
- Simplify the education funding system so it can be understood by the average taxpayer.
- Continued reliance on the education property tax will have a material impact on local government's ability to provide vital services (police, fire, roads etc.) to residents.

Therefore, be it resolved that we support municipal and school officials, the state administration, and the legislature, beginning immediately as equal partners, to accurately analyze the issues within Acts 60/68 and then create a new education finance system that reduces and reforms the property tax burden. Until then, Education Fund monies should only be used for functions listed in 16 V.S.A. §4025(b). Further, these stakeholders must commit to action on education finance reform within 2 years with consideration given to an array of options including:

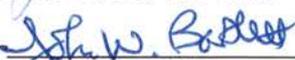
- More efficient governance and service delivery including incentives and ultimately, mandatory consolidation of schools and districts as well as enabling cost sharing among districts and municipalities.
- Statewide teachers' contracts with regional cost of living considerations
- No new unfunded state mandates.
- An evaluation of the cost shift in social service delivery to the education fund.
- Changes to income sensitivity thresholds to encourage more stakeholder participation/contribution and more sustainable funding levels.

Be it further resolved on this 6th day of October 2014 that the Selectboard of the Town of Milton, Vermont supports the Vermont legislature as they seek out the necessary reforms to the Education funding system.

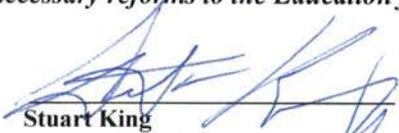
Darren Adams, Chair



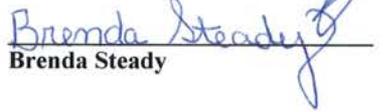
John Gifford, Vice Chair



John Bartlett, Clerk



Stuart King



Brenda Steady

RESOLUTION FOR SUSTAINABLE

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Vermont can achieve a sustainable Education future:

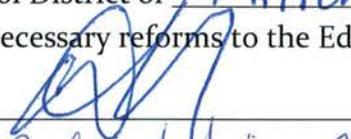
- Create a more diverse education funding system, sharing the costs equally between all our tax resources (income, sales, rooms & meals, and property taxes)
- Simplify the education funding system so it can be understood by the average taxpayer.

Continued reliance on the education property tax will have a material impact on local government's ability to provide vital services (police, fire, roads etc.) to residents.

Vermont Towns & School Districts support capping Education Property Tax rates at FY2015 levels for the next 2 years, to allow the Legislature to make the necessary funding reforms that will sustain our Education system into the future.

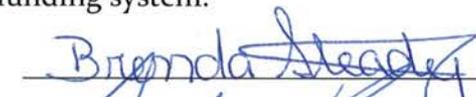
(It is not the intent of this resolution to cap overall education spending).

Be it resolved on this 6th day of October 2014, that the City/Town/Village/School District of Milton supports the Vermont legislature as they seek out the necessary reforms to the Education funding system.



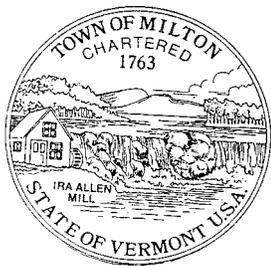
John Clifford

John Clifford



Brenda Steady

Brenda Steady



TOWN OF MILTON, VERMONT

Legislative and Fiscal Analysis of Requested Selectboard Actions

Amendment to Impact Fee Allocation

Date: November 3, 2014

Legislative Analysis: The Town is authorized to collect impact fees on new development by Statute and has decided by ordinance to collect these fees on new residential development to offset the impacts on growth. Impact fees can only be used to offset capital expenses that result from growth or growth related studies. The Town has planned for pedestrian improvements in various planning documents and has in the past few years implemented new sidewalk connections. The Town is still actively planning for additional connections and has a few projects in the pipeline at various stages of design. The Town's past, present, and likely future Capital Improvement Plans will continue to address pedestrian connectivity with infill sidewalk connections. While the Town anticipates receiving grant funding for a large portion of those projects, there will also be a local match required. The Town has, in the past, used a portion of its impact fees to be the local match for sidewalk connection projects. In order to have a more sufficient match for larger sidewalk projects in the future while minimizing the property tax impact, the Town should allocate more of its future impact fees to the transportation category.

Fiscal Analysis:

The impact fee for residential development is \$4,420. Currently the allocation for this fee is:

- 30% education
- 22% transportation
- 22% recreation/culture
- 8% public safety
- 8% general administration & planning
- 10% for debt service related to the fire house and municipal building.

The proposed resolution would decrease the recreation category from 22% to 12% in order to increase the transportation category from 22% to 32%.

The impact for age restricted residential and one bedroom apartment units is \$3,315 (by ordinance 75% of the normal impact fee which is set annually). This revenue is allocated categorically to:

- 5% education
- 30% transportation
- 30% recreation/culture
- 10% public safety
- 10% general administration & planning
- 15% debt service for fire house and municipal building.

The proposed resolution would adjust the recreation/culture allocation from 30% to 20% in order to increase transportation from 30% to 40%.

The intention of the allocation change is not to reflect that recreation improvements are not important but rather that we have other dedicated funding that is currently supporting some recreation capital

improvements (the ½ cent the voters approved) and that if we keep on pursuing the implementation of sidewalk projects we will need more local match funding for the grants we receive.

Recommended Action: Approve the Resolution implementing the allocation fee change.

Prepared By: Brian Palaia, Town Manager



Resolution

TOWN OF MILTON

Amendment to the Capital Plan for to Adjust Impact Fee Allocation

WHEREAS, the Town Manager and Selectboard of the Town of Milton may amend its Capital Plan from time to time; and,

WHEREAS, the Town completed a Long Term Transportation Plan that identifies and emphasizes pedestrian connectivity through sidewalk connections; and the Town is currently or will be soon undertaking two scoping studies related to identifying pedestrian connections to be completed; and,

WHEREAS, the residential population of the Town Core area is anticipated to grow based on housing projects that are underway or are currently being planned that will benefit from increased pedestrian connectivity within the Core; and,

WHEREAS, in October 2014 of Fiscal Year 2015, the Selectboard authorized the application for a CY 2014 VTrans Transportation Alternatives Grant to fund the construction of sidewalks, retaining walls and stormwater improvements at two locations on US Route 7; and,

WHEREAS, if the grant is awarded, the Town would be reimbursed 80% of the total project cost, up to \$300,000.00. The estimated cost of the project, including engineering and construction is \$534,762.00. Therefore the Town's match could be as high as \$234,762.00. Additional funding in the form of grants or other sources will be required before initiating the project.

THEREFORE, BE IT RESOLVED, that the Selectboard of the Town of Milton authorizes the adjustment of Residential Impact Fee allocation percentages as follows:

for conventional residential, adjust Recreation/Culture from 22% to 12% and Transportation from 22% to 32% and for elderly housing units and dwelling units containing 1-bedroom, adjust Recreation/Culture from 30% to 20% and Transportation from 30% to 40%.

Dated at Milton, Vermont this _____ day of _____, 2014

MILTON SELECTBOARD

Darren Adams, Chairperson

John Gifford, Vice-Chairperson

John Bartlett, Clerk

Brenda Steady

Stuart King

Filed with the Milton Town Clerk's Office this _____ day of _____, 2014

Attest: _____

Milton Assistant Town Clerk



Government Banking & Finance

Two Burlington Square
Burlington, Vermont 05401

T: 802.660.1358 F: 802.660.1695 Toll Free: 800.367.6711

October 23, 2014

Mr. John Cushing
Treasurer
Town of Milton
P.O. Box 18
Milton, VT 05468

RE: Increase BusinessCard Limit

Dear John:

Following up on a conversation with Erik Wells, enclosed is the paperwork necessary to increase the limit on the Town's BusinessCard to \$10,000.00:

- BusinessCard Resolution Form – Please have adopted at the November 3rd Selectboard and signed by the Board Clerk.
- Mastercard BusinessCard Application – Please sign where highlighted.

Please return the signed paperwork in the envelope provided. Once we receive the paperwork back we can process the increase.

John, should you have any questions please call me on our toll free number 1-800-367-6711 or 660-1358, if you have questions. Thank you for banking with People's United Bank.

Cordially,

A handwritten signature in blue ink that reads "Thea Smet".

Thea Smet
Sr. Government Banking & Finance Associate
Government Banking

**BUSINESSCARD RESOLUTION FORM
FOR THE
TOWN OF MILTON**

Officer's Certificate Regarding
BusinessCard Agreement Authorization

The undersigned, the Board Clerk of the Town of Milton (the "Town"), a municipality created under the laws of the State of Vermont, hereby certifies that the following resolutions were adopted by the Board of Selectmen of the Town at a meeting duly called and held on the 3rd day of November, 2014 at which a quorum was present and acting throughout, and that such resolutions are now in full force and effect:

RESOLVED, that the following officer(s) of this municipality:

<u>Name</u>	<u>Title</u>
John Cushing	Treasurer
Brian Palaia	Town Manager

is hereby authorized and empowered, for and in behalf and in the name of the Town of Milton (i) to execute and deliver to People's United Bank (the "Bank") a BusinessCard Application for business purposes (the "agreement") setting forth the conditions on which the Bank shall on request issue MasterCard ("Credit Cards") jointly in the names of this municipality and authorized employees or other persons, for use only in connections with the business of this municipality, and (ii) to perform any act and to execute and deliver all instruments and documents which may be deemed necessary to carry out the purposes of the Agreement and these resolutions.

BE IT FURTHER RESOLVED, that each employee or other person designated in writing to the bank at any time for the purposes of the Agreement by any officer named in the immediately preceding resolution, is hereby authorized to use the Credit Card(s) issued pursuant to the Agreement in the joint names of such employee or other person and this municipality, and to charge purchases for the amount of this municipality by means of such Credit Card(s) and in connection therewith to sign sales drafts on behalf of this municipality evidencing such purchases.

BE IT FURTHER RESOLVED, that the bank be requested to extend credit to this municipality up to a maximum of \$10,000.00 any time outstanding with respect to charges for the account of this municipality pursuant to the provisions of the Agreement.

BE IT FURTHER RESOLVED, that these resolutions shall have force and effect of a continuing agreement between the Bank and this municipality, on which agreement the Bank may rely and this municipality shall be bound until the Bank is otherwise advised in writing by one of the above-named officers of this municipality.

I, the Board Clerk of the Town of Milton certify that the above resolutions were approved by a majority of the Board of Selectmen on the 3rd day of November, 2014.

Attest: _____
Board Clerk

1 Town of Milton
2 Selectboard Meeting Minutes
3 October 20, 2014 6:00 PM Board Meeting
4 Community Meeting Room
5

6 **Selectboard Members Present:** Darren Adams, Chair; John Gifford, Vice Chair; John Bartlett; Clerk,
7 Stuart King, and Brenda Steady

8 **Selectboard Members Not Present:**

9 **Staff Members Present:** Brian Palaia, Town Manager; Ann Janda, Management Fellow; Katherine
10 Sonnicks, Planning Director; Kym Duchesneau, Recreation Coordinator; and Jake Hemmerick, Town
11 Planner

12
13 **Others Present:** Amy Cook, Improvements Committee Member; Bill Kaigle, Improvements Committee
14 Member; Henry Bonges, Improvements Committee Member; Gisela Alpert, Improvements Committee
15 Member; Allen Lasell, Development Review Board Chair; Tom Cole, Development Review Board Clerk;
16 Clayton Forgan, Development Review Board; and Terry Richards, Milton Historical Society
17

18 I. **Call to Order** – Adams called the meeting to order at 6:00 p.m.

19
20 II. **Flag Salute** – Adams led the attendees in a Salute to the Flag.

21
22 III. **Agenda Review** – Palaia requested moving to item E after A

23
24 IV. **Public Forum** –

25
26 V. **Appointments/Resignations/Recognition**

27
28 A) **Conservation Commission – 4 Year Term**

29 Applicant Jay Maurice said he learned about the Conservation Commission recently. He
30 met with them and discussed their goals and he feels this would be a great opportunity
31 for him to serve. Maurice works with the Boy Scouts and he feels the work on outdoor
32 recreational use would be very complementary.
33

34 Bartlett motioned to accept the application from Jay Maurice for the Conservation
35 Commission to a four year term as presented, second by Steady. **Approved**
36 **Unanimously.**

37
38 VI. **New Business**

39
40 B) **Improvements Committee Recommendations**

41 Adams stated that the Improvements Committee was formed to look at ways to
42 enhance the Route 7 Corridor. Improvements Committee member Bill Kaigle explained
43 that their report lists their top ten recommendations for Milton. The list: **1)** Landscaping
44 along Route 7, **2)** Way-finding signage that point people to non-profits, Town
45 attractions, and Town-owned properties, **3)** Underground utilities – Gisela Alpert
46 working with Green Mountain Power and FairPoint to get cost estimates. Gisela
47 suggests burying conduits whenever we are working on sidewalk projects. King stated
48 that we need to make sure development pays for a portion of this. **4)** Lighting on Route

49 7 to increase safety and accessibility and provide visual unification with aesthetic
50 elements. Adams asked if there was money in the TIF Fund for lighting. Palaia said yes, it
51 is a potential funding source for lighting along Route 7. **5)** Restore the General Stannard
52 House. Terry Richards of the Milton Historical Society explained that the house is on the
53 verge of collapse. The Milton Historical Society has a plan for the restoration and
54 preservation of the Stannard House so it can be available for multiple community uses.
55 **6)** Business Association Guided Property Maintenance, where businesses nudge other
56 businesses to do proper maintenance. Other communities have done this successfully.
57 **7)** A Multi-Use Path, **8)** Aesthetic Guidelines – perhaps a five year plan to slowly
58 encourage participation. King stated that this could definitely be incorporated with new
59 development. Then we also need to think about enforcement. **9)** Grants/Micro-Loan
60 Program to support developing businesses and encourage more businesses to locate in
61 Milton, and **10)** A Town Green in the Route 7 hourglass, if it is constructed, that could
62 incorporate art, sculpture, and more.

63
64 **C) Zoning Ordinance Amendments**

65 Katherine Sonnicks, Planning Director, said that the list of amendments consists of
66 additional detailed regulations, including requirements for adult uses, clarifying
67 sections, and correcting inconsistencies and misconstrued sections.

68
69 Gifford motioned to approve the public hearing on November 17, 2014 at 6pm for
70 zoning ordinance amendments dated October 15, second by Steady. **Approved**
71 **Unanimously.**

72
73 **D) Joint Meeting with Development Review Board**

74 Adams asked the Development Review Board (DRB) how things are going and what the
75 challenges are. Allen Lasell, Chair of the DRB, said in general things are going well. There
76 have been a few challenging issues recently. Adams said that the Planning Commission
77 had suggested having some joint meetings. The DRB members said yes, because
78 sometimes the guidelines are somewhat gray and they aren't sure how to interpret
79 them. Gifford said that he wants the DRB to know that the Selectboard will support
80 them if they have to say no. Lasell said that some of the flexibility in the rules is
81 necessary because if there weren't any compromise, then several good projects may
82 never have happened. Gifford said that it is important to be cautious with that. Lasell
83 said that they take those situations very seriously and there are a lot of group
84 discussions. Lasell said some quarterly meetings with the Planning Commission would
85 be good, but it would be best to have an agenda. Lasell said it would also be helpful to
86 get an overview of potential projects brewing in the Planning Department. He said they
87 are seeing a lot of in-home businesses that are applying, and those can be challenging.
88 King said he was concerned about the recycling yards that appear to be growing that
89 may not have an actual business permit. The DRB made clear that enforcement is not
90 their role. Jake Hemmerick, the Town Planner, said that he feels the current DRB is a
91 very ethical board that works very hard to follow the rules. Lasell noted that it might be
92 a good idea to approach Husky and find out what their plans are for the rest of their
93 property. He also suggested that DRBs of neighboring towns get together to talk about
94 what types of issues they are dealing with and how they handle those.

95
96
97 **E) Amendment to the Capital Plan for LaserFiche Server Replacement**

98 Palaia stated that we are proposing to amend the Capital Plan for LaserFiche Server
99 Replacement because this item is over \$5,000 and funds are available in the Records
100 Restoration Fund. Paulette LaFond, Assistant Town Clerk, explained that LaserFiche is
101 used for the preservation of records.

102
103 Gifford motioned to approve the amendment to the Capital Plan for LaserFiche Server
104 Replacement as presented, second by King. **Approved Unanimously.**

105
106 **F) Revisions to the Economic Development Commission Resolution**

107 Palaia said that these are proposed changes to allow for the School Superintendent and
108 business members to have someone else represent them at the meetings.

109
110 Gifford motioned to adopt the revisions to the Economic Development Commission
111 Resolution, second by Bartlett. **Approved Unanimously.**

112
113 **G) Creation of Arts Department and Associated Code Revisions**

114 Palaia said there is a proposal to create an Arts Department and to create a role for a
115 Curator/Gallery Manager to maintain a gallery within the Municipal Building. Steady said
116 she didn't want taxpayer money to be used for an art gallery. King said it is important to
117 provide some culture and diversity in the Town. Steady said it should go for a decision
118 by the voters. Gifford said he thinks it is the Selectboard's job to make these kinds of
119 decisions for the Town. Bartlett said that previously we had bare walls and the new
120 artwork has brought people in. Steady said she thinks we could work with the school to
121 have art teachers show student work in the building for free. King said this proposal just
122 provides an estimate of cost and isn't set in stone. Gifford said he thinks it's important
123 to pay people stipends and that teachers have to get paid to do work like that. Steady
124 said she wouldn't vote for the Town budget if we voted for an Art Department. Bartlett
125 said he appreciates the amount of detail in the document, but wonders if we can leave
126 the amount up for discussion. Palaia said if the Selectboard approves the concept, we
127 can scale back in terms of cost if we want to.

128
129 King motioned to approve the amendment to the Town Administrative Code to allow for
130 an Arts Department, second by Bartlett. 4 voted yes, 1 voted no. **Approved.**

131
132 **H) Briefing on General Ledger Account Structure Document**

133 Tabled

134
135 **VII. Old Business**

136
137 **I) Update on US-7 / Middle Road / Railroad Street Intersection**

138 Palaia said the Transportation Secretary is currently reviewing the cost of the full
139 hourglass design because the VTrans estimate is substantially higher than the CCRPC
140 estimate. The Regional Planning Commission has engaged a consultant to this end to
141 review the cost discrepancy between the State and Regional estimates.

142
143
144
145
146 **J) Selectboard Code of Conduct**

147 Adams stated that if a Selectboard member is asked their opinion, including on social
148 media, it is important to state that your opinion is your own and is not representative of
149 the entire Selectboard.

150
151 **VIII. Reconsideration – Nothing**

152
153 **IX. Manager’s Updates**

- 154
- 155 . Algonquin Reef Intersection, Omega Construction – The project is 50% complete. The
156 estimated completion date is on track to be before October 31st, weather and pavers
157 permitting.
 - 158 . Everest Road Reconstruction, Ormand Bushey & Sons – The project is 30% Complete. The
159 estimated completion date still looks to be October 31st, weather and pavers permitting.
 - 160 . McMullen Road Sidewalk – still waiting on VTrans for acceptance of the plans and then right of
161 way review
 - 162 . The Cherry Street sidewalk status: We have not received an explanation from the railroad as
163 to why the track removal and signal relocation are at the Town’s expense.
 - 164 . We have not received the signed contract agreement from Vtrans to move ahead with the
165 Railroad Street Sidewalk Scoping Study.
 - 166 . Have received the rest of the Pavement Condition Inventory deliverables from the CCRPC and
167 am updating our GIS database with the results.
 - 168 . Street sign replacement is still awaiting products from Work Safe Signs, which should be here
169 this week, sign work should begin the week of the 27th. (Signs are ready to be picked up as of
170 this morning).
 - 171 . Pumpkins in the Park: Sponsored and hosted by Milton Recreation. Fri, Oct. 24 (6-8pm)
172 Bombardier Park basketball court area.
 - 173 . Monster Mile: Hosted by Milton Independent. Sat, Oct. 25 (2:30-4:30pm).
 - 174 . Holiday Tree Lighting: Looking at an evening the week of Dec. 8-12.
 - 175 . Recreation is planning for Winter/Spring 2015 programs and events. Brochure will be out Jan.
176 7, 2105.
 - 177 . Disengaged Youth: I met with the new MCYC Executive Director recently and I think his
178 background and experience will make him an asset for that position. He is working on an
179 initiative for disengaged youth. The Town will strive to support this initiative.
 - 180 . SRO and Superintendent are attending the Governor’s School Safety Conference.
 - 181 . No response from the State Agency about meeting on the TIF Rules
 - 182 . LCATV is planning on doing its first live streamed SLB at our 2nd November meeting
 - 183 . State Treasurer’s Office performed an audit on our retirement contributions and reporting
184 and this yielded positive results
 - 185 . We received very positive feedback from Bove’s about the permitting process and they look
186 forward to the coming regulation change
 - 187 . School investigation has not yet begun; Superintendent reports this will be discussed again at
188 their next meeting.

189
190 **X. Potential and/or Future Agenda Items –**

191
192 **XI. Minutes of October 6, 2014**

193

194 Gifford moved to approve the October 6, 2014 minutes as presented, second by Steady.
195 **Approved Unanimously.**

196
197 **XII. Warrant/Report #8 and Supplemental Warrants**

198 Bartlett reviewed the FY15 Warrant/Invoice Report #8 for Board orders in the amount of
199 \$230,554.98. Bartlett noted some items of interest:
200

- 201 . \$1,599.80 for solar-powered flood lights for Town signs @ municipal building and Welcome to
- 202 Milton signs on Route 7 at both ends of town.
- 203 . \$42,158.67 to Champlain Water District for September water purchased
- 204 . \$20,425 to Dupont Storage Systems for roller shelving
- 205 . \$34,635 to Essex Rental & Sales for Kubota L5460 tractor (includes \$10,000 trade in credit for
- 206 2002 Massey Ferguson)
- 207 . \$3,000 to Foremost Productions for fire prevention handouts and materials
- 208 . \$5,781.90 to MSI Kullman Pit for 2,900 tons winter sand @ \$6/ton
- 209 . \$9,406.44 to Pettinelli & Associates for swing structure, border, mulch & benches for new
- 210 playground set-up by field house
- 211 . \$4,680 to Glass Connection for 4 sliding windows for blockhouse
- 212 . \$5,461.83 to WEX Bank for fuel charge card for Town vehicles
- 213 . \$4,234.10 to Weimann-Lamphere for Public Works/Facilities/Rec study
- 214 . \$500 to Women Helping Battered Women for FY15 allocation
- 215 . \$10,000 to WRS Investments, Inc for Middle Road park shade structure

216
217 Bartlett moved to approve Warrant #8 for a total of \$230,554.98, second by Steady. **Approved**
218 **Unanimously.**

219
220 **XIII. Executive Session per V.S.A. Title 1 Section 313**

221
222 There was no Executive Session.

223
224 **XIV. Adjournment**

225
226 Bartlett moved to adjourn the meeting at 9:10 p.m., second by Gifford. **Approved Unanimously**

227
228 *These proceedings were filmed by LCATV and audio-recorded by the Town.*

229
230 **Respectfully Submitted,**

231
232 _____ Date: _____
233 **John Bartlett, Selectboard Clerk**

234
235 **Filed with Milton Town Clerk's Office on this _____ day of _____, _____**

236
237 **ATTEST: _____ Milton Assistant Town Clerk**

10/29/14
03:38 pm

TOWN OF MILTON Accounts Payable
Warrant/Invoice Report # 9

*Reviewed
10/29/14
me, aj*

By due date and vendor name for check acct 1(GENERAL FUND) and due dates 11/04/14 thru 11/04/14

Vendor	PO Number	Invoice Number	Invoice Description	Account Number	Account Description	PO Amount	Invoice Amount	Check
13563 AQUAPLATES INC								
	00001505	I8051	General Supplies	55-20-420-612.00	GENERAL SUPPLIES	105.05	105.05	
13592 ARROWHEAD GOLF COURSE INC								
	00005560	19	Golf Lesson II & III	10-50-452-831.00	REVENUE PROGRAMS	1,320.00	240.00	
12877 ASSOCIATION OF VERMONT CONSERVATIO								
	00006435	09/30/14	Conference	10-60-461-805.00	CONSERVATION COMMISSION	10.00	10.00	
16716 BEAUDOIN, CORY								
		10/22/14	CDL License	50-10-410-810.00	DUES AND FEES	0.00	23.00	
		10/22/14	CDL License	55-20-420-810.00	DUES AND FEES	0.00	23.00	
						0.00	46.00	
19000 BOND AUTO PARTS, INC.								
	00003393	17-309228	Vehicle Maintenance	10-30-430-430.10	VEHICLE MAINTENANCE	195.60	195.60	
	00003406	17-310211	Vehicle Maintenance	10-30-430-430.10	VEHICLE MAINTENANCE	102.44	102.44	
	00001476	17-310475	Supplies	55-20-420-612.00	GENERAL SUPPLIES	23.94	23.94	
						321.98	321.98	
19190 BOUND TREE MEDICAL								
	00011824	81544174	General Supplies	10-20-422-612.00	GENERAL SUPPLIES	1,602.53	1,602.53	
	00011832	9580	General Supplies	10-20-422-612.00	GENERAL SUPPLIES	1,499.72	1,499.72	
						3,102.25	3,102.25	
20558 BUCK SUPPLY & DISTRIBUTION								
	00020021	135519A	163.48	10-30-429-611.00	OFFICE SUPPLIES	163.48	163.48	
27806 BUSINESS CREDIT CARD SERVICES								
	00008422	2014-10-23	Background Checks	10-10-416-330.00	OTHER PROFESSIONAL	120.00	120.00	
	00008421	W228140990	Contingency	10-10-415-850.00	CONTINGENCY	3,640.00	3,640.00	
						3,760.00	3,760.00	
48250 BWP DISTRIBUTORS INC								
	00003372	51767	Vehicle Maint.	10-30-430-430.10	VEHICLE MAINTENANCE	3.16	3.16	
	00003364	71331	Vehicle Maintenance	10-30-430-430.10	VEHICLE MAINTENANCE	490.00	415.89	
						493.16	419.05	
22764 CALKINS NETWORKS LLC								
	00051460	2757	Administrative Support	10-50-451-310.00	OFFICIAL/ADMINISTRATIVE	218.75	218.75	
22750 CARGILL, INC								
	00003402	2901937019	Winter Salt	10-30-430-601.10	WINTER SALT	14,490.14	14,490.14	
24357 CHAMPLAIN DOOR, INC.								
	00001493	59553	Repair & Maintenance	55-20-420-430.00	REPAIR & MAINT.-FACILITY	1,349.44	1,349.44	

By due date and vendor name for check acct 1(GENERAL FUND) and due dates 11/04/14 thru 11/04/14

Vendor	PO Number	Invoice Number	Invoice Description	Account Number	Account Description	PO Amount	Invoice Amount	Check

24571 CHAMPLAIN MEDICAL ASSOC, PLLC								
	00011831	1853	Physicals	10-20-422-330.00	OTHER PROFESSIONAL	160.00	160.00	
26250 CHITTENDEN SOLID WASTE DISTRICT								
		IVC021052	Biosolids Disposal	55-20-420-340.00	TECHNICAL SERVICES	0.00	6,216.47	
26928 CIVES CORPORATION, DBA								
	00003383	4458423	Vehicle Maint.	10-30-430-430.10	VEHICLE MAINTENANCE	491.36	491.36	
27380 COMCAST								
		100914	Internet Police	10-20-420-340.00	TECHNICAL	0.00	138.63	
		111714	internet/icehouse	10-30-430-530.20	COMMUNICATIONS-OTHER	0.00	78.77	
						-----	-----	
						0.00	217.40	
32296 CREATIVE HABITAT								
	00008419	10/25/14	Supplies	10-10-410-611.00	OFFICE SUPPLIES	20.00	13.50	
28150 CROSS, WALTER JR								
		JULY,A,SEPT	Qtr pound keepers	10-20-423-320.00	PROFESSIONAL SERVICES	0.00	40.00	
		JULY,A,SEPT	Qtr pound keepers	10-20-423-510.00	CARE & KEEP-DOGS & CATS	0.00	408.00	
		JULY,A,SEPT	Qtr pound keepers	10-20-423-510.00	CARE & KEEP-DOGS & CATS	0.00	450.00	
		JULY,A,SEPT	Qtr pound keepers	10-20-423-580.00	TRAVEL	0.00	17.92	
						-----	-----	
						0.00	915.92	
27864 CRW CORP								
	00003421	S64464	Vehicle Maintenance	10-30-430-430.10	VEHICLE MAINTENANCE	288.71	288.71	
29418 DESORCIE EMERGENCY PRODUCTS LLC								
	00010926	11891	Vehicle Equipment	10-20-421-430.10	VEHICLE/EQUIP MAINTENANCE	23.64	23.64	
31009 ENDYNE, INC								
	00020022	158659	Land Fill Closure	10-30-429-331.00	LAND FILL CLOSURE	3,746.30	3,746.30	
28120 EXIT 18 EQUIPMENT								
	00010922	29393	Veh.Main.	10-20-421-430.10	VEHICLE/EQUIP MAINTENANCE	137.32	137.32	
40332 FASTENAL COMPANY								
	00003343	VTWIN37218	Vehicle Maintenance	10-30-430-430.10	VEHICLE MAINTENANCE	7.81	7.81	
33410 FORMULA FORD INC								
	00004423	42639	Police interceptor sedan	38-20-420-742.00	VEHICLES - POLICE	23,165.00	21,966.00	
55941 FRANCIS, DENISE								
	00005597	10/23/14	Zumba Class	10-50-452-831.00	REVENUE PROGRAMS	588.00	588.00	
34350 GALE/CENGAGE LEARNING								
		53459781	Large book prints	10-50-451-640.35	BOOKS-LARGE PRINT	0.00	162.43	

By due date and vendor name for check acct 1(GENERAL FUND) and due dates 11/04/14 thru 11/04/14

Vendor	PO Number	Invoice Number	Invoice Description	Account Number	Account Description	PO Amount	Invoice Amount	Check
		53547061	Large Books	10-50-451-640.35	BOOKS-LARGE PRINT	0.00	47.98	
						0.00	210.41	
34300 GALL'S INC		00118199 002327711	Uniforms	10-20-422-650.00	UNIFORMS	644.36	644.36	
36878 GRAY ROCK QUARRY LLC		00003409 4099	Recreation Supplies	10-10-000-321.40	1/2 Penny for Recreation	157.08	157.08	
37600 GREEN MOUNTAIN POWER		10222014	Electricity	10-30-432-622.00	ELECTRICITY	0.00	3,533.41	
		10222014	Electricity	10-30-432-622.50	ELECTRICITY - STREET LIGH	0.00	254.04	
		10222014	Electricity	50-10-410-622.00	ELECTRICITY	0.00	121.76	
		10222014	Electricity	55-20-420-622.00	ELECTRICITY	0.00	399.06	
						0.00	4,308.27	
40700 INGRAM LIBRARY SERVICES		00051458 60764540	Large Book Print	10-50-451-640.35	BOOKS-LARGE PRINT	76.55	76.55	
		00051450 60767740	Adult Books	10-50-451-640.10	BOOKS-ADULTS	58.40	46.29	
		00051459 66530784	Books - Adult	10-50-451-640.10	BOOKS-ADULTS	14.32	14.32	
		00051451 66531625	Videos	10-50-451-640.50	VIDEOS	97.20	97.20	
						246.47	234.36	
49931 JOHNSON HARDWARE & RENTAL		00009164 K8632,,8764	Boots	10-30-430-290.00	OTHER EMPLOYEE BENEFIT	275.25	275.25	
		00009164 K89727	Workboots Hwy/B&G	10-30-430-290.00	OTHER EMPLOYEE BENEFIT	165.00	165.00	
						440.25	440.25	
46680 LHS ASSOCIATES INC		00007147 45783	Office Supplies	10-10-402-611.00	OFFICE SUPPLIES	35.00	29.60	
		00007147 45783	Office Supplies	10-10-402-612.00	GENERAL SUPPLIES	19.00	19.00	
						54.00	48.60	
41451 LINCOLN NATIONAL LIFE INS CO		11012014	Lg &short term ins	10-10-404-520.60	LONG TERM DISABILITY	0.00	549.47	
		11012014	Lg &short term ins	10-10-404-520.70	SHORT TERM DISABILITY	0.00	427.61	
		11012014	Lg &short term ins	50-10-410-210.20	GROUP LTD/STD/VISION INS	0.00	41.65	
		11012014	Lg &short term ins	55-20-420-210.20	GROUP LTS/STD/VISION INS	0.00	41.64	
						0.00	1,060.37	
47941 MAINE ENVIRONMENTAL LAB		00001497 53417	Biosolids Testing	55-20-420-340.00	TECHNICAL SERVICES	477.00	477.00	
39685 MARLIN ENVIRONMENTAL INC		00005603 83945	Rental Equip.	10-50-452-442.00	RENTAL OF EQUIPMENT	200.00	200.00	

By due date and vendor name for check acct 1(GENERAL FUND) and due dates 11/04/14 thru 11/04/14

Vendor	PO Number	Invoice Number	Invoice Description	Account Number	Account Description	PO Amount	Invoice Amount	Check
49001 MCCULLOUGH CRUSHING, INC								
	00003415	73929	Road Maintenance/Gravel	10-30-430-602.20	PLANT MIX / GRAVEL	2,746.80	2,746.80	
52060 MESTER, NICOLE								
	00005587	10/24/14	Classes & Sch.	10-50-452-831.00	REVENUE PROGRAMS	450.00	450.00	
	00005587	10/24/14	Classes & Sch.	10-50-452-831.00	SCHOLARSHIP FR REV.PROG	30.00	30.00	

						480.00	480.00	
48467 MILTON ACE HARDWARE LLC								
	00001475	10532	General Supplies	50-10-410-612.00	GENERAL SUPPLIES	4.49	4.49	
	00001475	10532	General Supplies	55-20-420-612.00	GENERAL SUPPLIES	15.95	15.95	

						20.44	20.44	
69870 MILTON BUILDING SUPPLY								
	00009191	78840,32,72,	Misc items	10-10-000-321.40	1/2 Penny for Recreation	278.59	278.59	
52802 MILTON FIREFIGHTERS ASSOCIATION IN								
	101614		ID Tags rescue	10-20-422-612.00	GENERAL SUPPLIES	0.00	66.44	
53950 MILTON RENTAL & SALES CENTER INC								
	00003376	01-329169-03	Rental Equipment	10-30-430-442.00	RENTAL OF EQUIPMENT/VEHIC	310.00	313.50	
	00009149	325968	General Supplies	10-30-432-612.00	GENERAL SUPPLIES	28.28	28.28	
	00009174	328771	Rental Fee	10-10-000-321.40	1/2 Penny for Recreation	54.00	54.00	
	00003340	329252-01	Repairs Maintenance	10-30-430-430.00	REPAIRS MAINTENANCE	236.51	236.51	

						628.79	632.29	
54180 MINNESOTA LIFE INSURANCE CO								
	11/01/14		Life Insurance	10-10-410-210.30	GROUP LIFE INS & AD&D	0.00	54.00	
	11/01/14		Life Insurance	10-10-412-210.30	GROUP LIFE INS & AD&D	0.00	49.32	
	11/01/14		Life Insurance	10-10-413-210.30	GROUP LIFE INS & AD&D	0.00	41.38	
	11/01/14		Life Insurance	10-20-420-210.30	GROUP LIFE INS & AD&D	0.00	246.41	
	11/01/14		Life Insurance	10-20-421-210.30	GROUP LIFE INS & AD&D	0.00	5.78	
	11/01/14		Life Insurance	10-20-422-210.30	GROUP LIFE INS & AD&D	0.00	12.85	
	11/01/14		Life Insurance	10-30-429-210.30	GROUP LIFE INS & AD&D	0.00	34.50	
	11/01/14		Life Insurance	10-30-430-210.30	GROUP LIFE INS & AD&D	0.00	65.01	
	11/01/14		Life Insurance	10-30-432-210.30	GROUP LIFE INS & AD&D	0.00	26.25	
	11/01/14		Life Insurance	10-50-451-210.30	GROUP LIFE INS & AD&D	0.00	26.76	
	11/01/14		Life Insurance	10-60-461-210.30	GROUP LIFE INS & AD&D	0.00	58.76	
	11/01/14		Life Insurance	50-10-410-210.30	GROUP LIFE INS & AD&D	0.00	23.07	
	11/01/14		Life Insurance	55-20-420-210.30	GROUP LIFE INS & AD&D	0.00	23.07	

						0.00	667.16	
54524 MSI-AGGREGATES								
	00003384	122906	Winter Sand	10-30-430-601.20	WINTER SAND	7,308.54	7,308.54	

By due date and vendor name for check acct 1(GENERAL FUND) and due dates 11/04/14 thru 11/04/14

Vendor	PO Number	Invoice Number	Invoice Description	Account Number	Account Description	PO Amount	Invoice Amount	Check
53668 MUNICIPAL EMERGENCY SERV INC								
	00010924	555408_SNV	Capital Purchases	38-10-421-450.00	Capital Purchases-Fire	16,180.32	16,180.32	
	00010925	555408_SNVB	Machinery Equipment	10-20-421-740.00	MACHINERY/EQUIPMENT	1,080.00	1,080.00	

						17,260.32	17,260.32	
57495 NEW YORK CLEANERS								
		9/1-9/30/14	Dry cleaning/ Police	10-20-420-650.00	UNIFORMS	0.00	402.27	
58200 NORTHEAST DELTA DENTAL								
		11/1/2014	Nov. Dental	10-10-410-210.15	GROUP DENTAL INSURANCE	0.00	160.60	
		11/1/2014	Nov. Dental	10-10-412-210.15	GROUP DENTAL INSURANCE	0.00	199.65	
		11/1/2014	Nov. Dental	10-10-413-210.15	GROUP DENTAL INSURANCE	0.00	168.03	
		11/1/2014	Nov. Dental	10-20-420-210.15	GROUP DENTAL INSURANCE	0.00	1,139.06	
		11/1/2014	Nov. Dental	10-20-421-210.15	GROUP DENTAL INSURANCE	0.00	38.96	
		11/1/2014	Nov. Dental	10-20-422-210.15	GROUP DENTAL INSURANCE	0.00	86.71	
		11/1/2014	Nov. Dental	10-30-429-210.15	GROUP DENTAL INSURANCE	0.00	101.48	
		11/1/2014	Nov. Dental	10-30-430-210.15	GROUP DENTAL INSURANCE	0.00	623.49	
		11/1/2014	Nov. Dental	10-30-432-210.15	GROUP DENTAL INSURANCE	0.00	215.25	
		11/1/2014	Nov. Dental	10-50-451-210.15	GROUP DENTAL INSURANCE	0.00	133.10	
		11/1/2014	Nov. Dental	10-60-461-210.15	GROUP DENTAL INSURANCE	0.00	293.70	
		11/1/2014	Nov. Dental	50-10-410-210.15	GROUP DENTAL INSURANCE	0.00	115.23	
		11/1/2014	Nov. Dental	55-20-420-210.15	GROUP DENTAL INSURANCE	0.00	115.23	

						0.00	3,390.49	
60940 PALAIA, BRIAN								
		10/25/14	Travel cost ICMA conf	10-10-410-580.00	TRAVEL	0.00	78.75	
59450 PALASIK, JOHN								
		10/21/14	Reimburse Classes	10-20-420-820.00	PROFESSIONAL DEVELOPMENT	0.00	63.34	
60833 PENWORTHY CO.								
	00051456	0002758-IN	Books	10-50-451-640.25	BOOKS-CHILDRENS	420.00	387.19	
61736 PHILBROOK, SCOTT								
		101814	Reimb Gym	10-20-420-825.00	Gym Membership	0.00	190.00	
61805 PHILLIPS, JOHN D								
		101714	Yoga session	10-50-000-347.00	RECREATION FEES	0.00	65.00	
62640 PRESCOTT, EJ INC								
	00001516	4864069	General Supplies	50-10-410-612.00	GENERAL SUPPLIES	1,375.76	1,375.76	
62670 PRIMMER PIPER EGGLESTON & CRAMER P								
		B04922	SRF Doc./SRF Loan Closing	55-20-420-330.00	OTHER PROFESSIONAL	0.00	1,299.28	
63300 QUEEN CITY STEEL COMPANY CORP								
	00003379	210016	Vehicle Maintenance	10-30-430-430.10	VEHICLE MAINTENANCE	226.70	226.70	

By due date and vendor name for check acct 1(GENERAL FUND) and due dates 11/04/14 thru 11/04/14

Vendor

PO Number	Invoice Number	Invoice Description	Account Number	Account Description	PO Amount	Invoice Amount	Check

24501 R.R. CHARLEBOIS INC							
00003345	IC83264	Vehicle Maintenance	10-30-430-430.10	VEHICLE MAINTENANCE	8.49	8.49	
67300 ROWLEY FUELS INC							
	10/23/14	Diesel Fuel	10-20-421-625.00	DIESEL FUEL	0.00	357.37	
	10/23/14	Diesel Fuel	10-20-422-625.00	DIESEL FUEL	0.00	570.53	
	10/23/14	Diesel Fuel	10-30-430-625.00	DIESEL FUEL	0.00	6,568.51	

					0.00	7,496.41	
41182 S.D. IRELAND BROTHERS CORPORATION							
00003414	331.PAVE	Paving	10-30-430-450.10	PAVING	41,000.00	35,410.90	
72565 STITZEL, PAGE & FLETCHER, P.C.							
	24215	Legal Work	10-00-000-256.00	DUE TO DEVELOPERS	0.00	105.00	
	24215	Legal Work	10-10-405-330.10	GENERAL GOVERNMENT	0.00	277.50	
	24215	Legal Work	10-10-405-330.10	GENERAL GOVERNMENT	0.00	93.50	
	24215	Legal Work	10-10-405-330.10	GENERAL GOVERNMENT	0.00	144.50	
	24215	Legal Work	10-10-405-330.10	GENERAL GOVERNMENT	0.00	297.50	
	24215	Legal Work	10-10-405-330.30	PLANNING	0.00	930.00	
	24215	Legal Work	10-10-405-330.70	APPEALS	0.00	402.50	
	24215	Legal Work	10-10-405-330.70	APPEALS	0.00	76.25	
	24215	Legal Work	10-10-405-330.70	APPEALS	0.00	525.00	
	24215	Legal Work	10-10-405-330.70	APPEALS	0.00	105.00	

					0.00	2,956.75	
74488 SULLIVAN, POWERS & COMPANY							
	115916	Audit Services	10-10-401-330.00	OTHER PROFESSIONAL SERVIC	0.00	1,451.00	
48700 SYMQUEST GROUP INC							
00008424	848385	Photocopier Maintenance	10-10-416-430.20	PHOTOCOPIER MAINTENANCE	156.25	156.25	
76719 THE TECH GROUP, INC.							
00007146	65773	Mach. & Equip.	10-10-417-740.00	MACHINERY AND EQUIPMENT	505.00	505.00	
00007150	65779	Mach. & Equip.	10-10-417-740.00	MACHINERY AND EQUIPMENT	175.00	175.00	

					680.00	680.00	
78210 UNIFIRST CORP							
	0361640483	Supplies, uniforms	10-30-430-612.00	GENERAL SUPPLIES	0.00	41.16	
	0361640483	Supplies, uniforms	10-30-430-650.00	EMPLOYEE UNIFORMS	0.00	84.32	
	0361640483	Supplies, uniforms	10-30-432-650.00	EMPLOYEE UNIFORMS	0.00	17.05	
	0361640483	Supplies, uniforms	50-10-410-650.00	EMPLOYEE UNIFORMS	0.00	30.24	
	0361640483	Supplies, uniforms	55-20-420-650.00	EMPLOYEE UNIFORMS	0.00	30.26	
	0361641739	Supplies & Uniforms	10-30-430-612.00	GENERAL SUPPLIES	0.00	17.66	
	0361641739	Supplies & Uniforms	10-30-432-650.00	EMPLOYEE UNIFORMS	0.00	17.05	
	0361641739	Supplies & Uniforms	50-10-410-650.00	EMPLOYEE UNIFORMS	0.00	15.12	

10/29/14
03:38 pm

TOWN OF MILTON Accounts Payable
Warrant/Invoice Report # 9

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mthompson

By due date and vendor name for check acct 1(GENERAL FUND) and due dates 11/04/14 thru 11/04/14

Vendor	PO Number	Invoice Number	Invoice Description	Account Number	Account Description	PO Amount	Invoice Amount	Check
		0361641739	Supplies & Uniforms	55-20-420-650.00	EMPLOYEE UNIFORMS	0.00	15.13	
						0.00	267.99	
82984 VCJTC		00002837 141010590	Meeting lunch/training	10-20-420-820.00	PROFESSIONAL DEVELOPMENT	10.50	10.50	
49013 VERIZON WIRELESS		9733912452	Phone Bill	10-20-420-530.20	COMMUNICATIONS-OTHER	0.00	20.37	
		9733912452	Phone Bill	10-20-421-530.20	COMMUNICATIONS-OTHER	0.00	33.62	
		9733912452	Phone Bill	10-20-422-530.20	COMMUNICATIONS-OTHER	0.00	98.86	
		9733912452	Phone Bill	10-30-429-530.20	COMMUNICATIONS-OTHER	0.00	16.81	
		9733912452	Phone Bill	10-30-429-530.20	COMMUNICATIONS-OTHER	0.00	32.60	
		9733912452	Phone Bill	10-30-429-530.20	COMMUNICATIONS-OTHER	0.00	32.61	
		9733912452	Phone Bill	50-10-410-530.20	COMMUNICATIONS-OTHER	0.00	65.03	
		9733912452	Phone Bill	55-20-420-530.20	COMMUNICATIONS-OTHER	0.00	25.02	
						0.00	324.92	
82085 VERMONT DEPARTMENT OF HEALTH		00007148 10/23/14	Office Supplies	10-10-412-611.00	OFFICE SUPPLIES	60.00	60.00	
75655 VERMONT HOMEBREW SUPPLY		00051455 00001	Homebrew workshop	10-50-451-330.10	PROFESSIONAL PROGRAMS	50.00	50.00	
81055 VERMONT LEAGUE OF CITIES & TOWNS		00006429 2014-15467	Registration	10-60-461-820.00	PROFESSIONAL DEVELOPMENT	60.00	60.00	
		00008423 2014-50261	CDL Drug Testing	10-10-416-330.00	OTHER PROFESSIONAL	60.00	60.00	
						120.00	120.00	
81900 VERMONT TROPHY & ENGRAVING CORP		00010923 63033	General Supplies	10-20-421-612.00	GENERAL SUPPLIES	144.00	144.00	
82994 VISION SERVICE PLAN-CONNECTICUT		110114	Vision	10-10-404-520.80	VISION SERVICE PLAN	0.00	660.76	
		110114	Vision	50-10-410-210.20	GROUP LTD/STD/VISION INS	0.00	31.71	
		110114	Vision	55-20-420-210.20	GROUP LTS/STD/VISION INS	0.00	31.70	
						0.00	724.17	
81138 VMCTA		00007149 10/01/2014	Dues & Fees	10-10-412-810.00	DUES & FEES	55.00	55.00	
83844 W.B. MASON CO INC		00004459 I21229333	Office Supplies	10-10-413-611.00	OFFICE SUPPLIES	141.46	141.19	
		00008420 I21230940	Office Supplies	10-10-410-611.00	OFFICE SUPPLIES	11.99	11.99	
		00008420 I21230940	Office Supplies	10-10-416-611.00	OFFICE SUPPLIES	110.97	110.97	
						264.42	264.15	
59302 WALSH ELECTRIC SUPPLY, INC.		00009187 1498967-01	Repair & Maintenance	10-30-432-430.00	REPAIR & MAINT-FACILITIES	840.00	840.00	

By due date and vendor name for check acct 1(GENERAL FUND) and due dates 11/04/14 thru 11/04/14

Vendor						
PO Number	Invoice Number	Invoice Description	Account Number	Account Description	PO Amount	Invoice Amount Check

86840 WINOOSKI PRESS						
00002883	12271	Business Cards	10-20-420-550.00	PRINTING AND BINDING	50.00	38.00
87159 XEROX BUSINESS SERVICE LLC						
	1090453	Affiliated Computer Ser.	10-00-000-143.00	DEL TAX PROPERTY SALES	0.00	10.00
	1090453	Affiliated Computer Ser.	10-10-412-340.10	TECHNICAL/ACS	0.00	1,528.13
					-----	-----
					0.00	1,538.13
					-----	-----
				Report Total		156,315.29
					-----	-----

THESE INVOICES HAVE BEEN APPROVED BY THE TOWN MANAGER ON THE FOLLOWING DATE:

_____/_____/_____
APPROVED ON
Brian M. Palaia, Town Manager

To the Treasurer of the TOWN OF MILTON:

We Hereby certify that there are sufficient vouchers supporting the amounts owed to the above mentioned vendors.

Let this be your order for the payments of the amounts totaling \$ ***156,315.29

SELECTBOARD:

Darren Adams, Chair John C.Gifford, Vice Chair John W. Bartlett, Clerk Brenda Steady Stuart King

TOWN OF MILTON General Ledger
Balance Sheet Current Year - Period 4 Oct
GENERAL FUND

Account	Curr Yr Pd 4 Oct Encumbrances	Curr Yr Pd 4 Oct Actual
ASSET		
10-00-000-101.00 PEOPLE'S UNITED BANK CK	0.00	706,781.74
10-00-000-106.00 MILTON EMS RECEIPTS	0.00	311,987.72
10-00-000-108.00 RESCUE DONATION	0.00	6,744.32
10-00-000-110.00 PAYROLL CHECKING ACCOUNT	0.00	621.52
10-00-000-111.00 PETTY CASH-LIBRARY	0.00	25.00
10-00-000-112.00 CASH CHARGED FOR EVENTS	0.00	335.00
10-00-000-113.00 CHOICE CARE CHECKING	0.00	45,014.33
10-00-000-117.00 UTILITY CONTROL ACCT	0.00	1,722.66
10-00-000-119.00 UTILITY OVER PAYMENT	0.00	-674.13
10-00-000-120.00 Credit Card Checking Acct	0.00	46.53
10-00-000-122.00 PENALTIES REC-DEL TAXES	0.00	20,387.79
10-00-000-123.00 INTEREST REC-DEL TAXES	0.00	19,015.68
10-00-000-124.01 POLICE CONTRACTS RECEIVAB	0.00	7,665.50
10-00-000-124.10 CCTA BUS PASS RECEIVABLE	0.00	1,433.00
10-00-000-129..1 Allowance for Ambul	0.00	-86,000.00
10-00-000-129.10 ACCOUNTS REC - AMBULANCE	0.00	196,815.28
10-00-000-129.30 ACCTS REC-POLICE COPS GRA	0.00	21,941.78
10-00-000-129.40 A/R - SRO Officer Grant	0.00	7,159.43
10-00-000-129.50 ACCTS REC EMPLOYEE FSA	0.00	-2,761.64
10-00-000-131.00 TAXES CURRENT	0.00	14,975,821.10
10-00-000-132.00 Inventory	0.00	38,708.35
10-00-000-140.00 PRIOR YR DEL TAXES TOWN	0.00	277,937.48
10-00-000-143.00 DEL TAX PROPERTY SALES	0.00	1,460.31
10-00-000-144.00 RESERVE-UNCOLLECTED TAXES	0.00	-19,000.00
10-00-000-146.00 DEFERRED TAX REVENUE	0.00	-350,000.00
10-00-000-170.00 DUE FROM/TO OTHER FUNDS	84,277.27	-472,033.64
10-00-000-190.00 PREPAID POSTAGE	0.00	7,288.00
10-00-000-192.00 PREPAID TAXES	0.00	-0.02
Total Asset	84,277.27	15,718,443.09

LIABILITY

10-00-000-200.00 ACCRUED PAYROLL	0.00	-147,168.02
10-00-000-201.15 FICA PAYABLE	0.00	-9,662.90
10-00-000-201.25 PENSION PAYABLE	0.00	-7,740.92
10-00-000-201.30 MEDI PAYABLE	0.00	-2,259.87
10-00-000-201.44 FLEXIBLE SPENDING (FSA)	0.00	-4,732.41
10-00-000-210.00 ACCOUNTS PAYABLE	0.00	-36,508.71
10-00-000-222.15 Def Rev - Ambulance	0.00	-69,000.00
10-00-000-222.30 DEF REV REC PROGRAMS	0.00	-10,893.00
10-00-000-231.00 Accrued Interest	0.00	-593.90
10-00-000-250.02 DUE TO SCHOOL CURRENT TAX	0.00	-10,131,542.74
10-00-000-250.03 DUE TO SCHOOL-LIQUOR LIC	0.00	-150.00
10-00-000-250.09 DUE TO FLAG TRUST	0.00	-1,000.21
10-00-000-250.10 DUE TO CSWD-BINS/TIRES	0.00	-170.12
10-00-000-250.11 DUE TO REC SCHOLARSHIPS	0.00	-635.51

Account	Curr Yr Pd 4 Oct Encumbrances	Curr Yr Pd 4 Oct Actual

10-00-000-252.01 DUE TO STATE/MARRIAGE LIC	0.00	-35.00
10-00-000-252.02 DUE TO STATE/DOG LICENSE	0.00	210.00
10-00-000-253.01 DUE TO GERMAINE TAX	0.00	-194.63
10-00-000-254.00 DUE TAXPAYER-TAX OVERPMT	0.00	-138.69
10-00-000-255.00 DUE TO HIGHWAY PERMITS	0.00	-400.00
10-00-000-256.00 DUE TO DEVELOPERS	0.00	-12,840.57
10-00-000-258.00 Due to Highway	0.00	-2,159.00
10-00-000-299.00 ENCUMBRANCE	-401,290.41	0.00
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Total Liability	-401,290.41	-10,437,616.20
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RESERVES		
10-10-000-321.40 1/2 Penny for Recreation	1,881.00	21,631.19
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Total Reserves	1,881.00	21,631.19
	-----	-----
BUDGETARY		
	-----	-----
Total Budgetary	0.00	0.00
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FUND BALANCE		
10-00-199-000.00 FUND BALANCE	0.00	-628,180.10
10-00-199-000.10 EMERGENCE MANAGMENT RESER	0.00	-71,474.34
10-00-199-000.20 RESERVED RESCUE	0.00	-1,184.27
10-00-199-000.30 HEALTH INS STABILIZATION	0.00	-156,721.87
10-00-199-000.40 RESERVED FUND BALANCE	0.00	-330,000.00
10-00-199-000.50 FD Equip-Village	0.00	-5,783.19
10-00-199-000.55 Riley Fund-Village	0.00	-525.99
	-----	-----
Total Prior Years Fund Balance	0.00	-1,193,869.76
	-----	-----
Fund Balance Current Year	315,132.14	-4,108,588.32
	-----	-----
Total Fund Balance	315,132.14	-5,302,458.08
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Total Liability,Reserves,Fund Balance	-84,277.27	-15,718,443.09
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Account	Estimated Revenue	Applied For	Received To Date	Uncollected Balance	FY-14/15 MTD Pd 4 Oct
10-10-000-311 TAXES					
10-10-000-311.00 PROPERTY TAXES	5,144,076.00	0.00	-5,733,963.52	-589,887.52	440.28
10-10-000-311.10 RAILROAD TAXES	1,315.00	0.00	0.00	1,315.00	0.00
10-10-000-311.20 STATE LAND TAXES	16,339.00	0.00	0.00	16,339.00	0.00
10-10-000-311.30 CURRENT USE TAXES	45,597.00	0.00	0.00	45,597.00	0.00
10-10-000-311.40 PENALTY ON LATE HS-122	500.00	0.00	0.00	500.00	0.00
10-10-000-311.50 SCHOOL TAX COLLECTION FEE	24,783.00	0.00	0.00	24,783.00	0.00
10-10-000-311.60 MUNICIPAL TAX ADJUSTMENT	0.00	0.00	-121,644.63	-121,644.63	0.00
Total TAXES	5,232,610.00	0.00	-5,855,608.15	-622,998.15	440.28
10-10-000-312.00 Sale of Cemetary Plots	0.00	0.00	-1,450.00	-1,450.00	0.00
10-10-000-313 FEMA AID					
Total FEMA AID	0.00	0.00	0.00	0.00	0.00
10-10-000-314.00 FEMA-4140-DR-VT	0.00	0.00	-10,751.16	-10,751.16	0.00
10-10-000-319 INTEREST/PENALTY DEL TAX					
10-10-000-319.10 INTEREST ON DEL TAXES	35,000.00	0.00	-14,141.70	20,858.30	-2,811.01
10-10-000-319.20 PENALTIES ON DEL TAXES	57,000.00	0.00	0.00	57,000.00	0.00
Total INTEREST/PENALTY DEL TAX	92,000.00	0.00	-14,141.70	77,858.30	-2,811.01
10-10-000-321 MISCELLANEOUS REVENUES					
10-10-000-321.00 STATE LAND PILOT	3,200.00	0.00	-16,726.98	-13,526.98	-16,726.98
10-10-000-321.20 Allowance for Uncollectib	14,331.00	0.00	0.00	14,331.00	0.00
10-10-000-321.25 Health Care Stabilization	18,500.00	0.00	0.00	18,500.00	0.00
Total MISCELLANEOUS REVENUES	36,031.00	0.00	-16,726.98	19,304.02	-16,726.98
10-10-000-322 LICENSE REVENUE					
10-10-000-322.10 FISH & WILDLIFE LIC FEES	600.00	0.00	0.00	600.00	0.00
10-10-000-322.20 MOTOR VEHICLE RENEWAL	3,500.00	0.00	-579.00	2,921.00	-69.00
10-10-000-322.60 DOG LICENSES	4,500.00	0.00	-362.00	4,138.00	-70.00
Total LICENSE REVENUE	8,600.00	0.00	-941.00	7,659.00	-139.00
10-10-000-337 REIMBURSE. REVENUE					
10-10-000-337.00 SCHOOL'S SHARE FINANCE	154,500.00	0.00	0.00	154,500.00	0.00
10-10-000-337.10 WATER/SEWER ADMIN REIMB	317,558.00	0.00	0.00	317,558.00	0.00
10-10-000-337.20 SCHOOL SHARE ELECTIONS	1,500.00	0.00	0.00	1,500.00	0.00
Total REIMBURSE. REVENUE	473,558.00	0.00	0.00	473,558.00	0.00
10-10-000-340 LIBRARY FEES					
10-10-000-340.00 LIBRARY FEES	500.00	0.00	-594.05	-94.05	-91.95
Total LIBRARY FEES	500.00	0.00	-594.05	-94.05	-91.95
10-10-000-341 RECORDING FEES					

Account	Estimated Revenue	Applied For	Received To Date	Uncollected Balance	FY-14/15 MTD Pd 4 Oct

10-10-000-341.00 RECORDING FEES	100,000.00	0.00	-23,734.08	76,265.92	-7,357.00
10-10-000-341.10 Clerk's Fees	10,000.00	0.00	-6,171.76	3,828.24	-1,119.80
10-10-000-341.20 OPER-TRANSFER IN-ACS	22,000.00	0.00	-2,400.19	19,599.81	0.00
10-10-000-341.21 OPER TRANSFER IN REC/REST	10,000.00	0.00	0.00	10,000.00	0.00

Total RECORDING FEES	142,000.00	0.00	-32,306.03	109,693.97	-8,476.80

10-10-000-342 LISTERS FEES					
10-10-000-342.00 LISTERS FEES	100.00	0.00	-31.97	68.03	0.00
10-10-000-342.10 APPRAISAL FEES	1,000.00	0.00	0.00	1,000.00	0.00
10-10-000-342.20 LISTER'S EDUCATION	600.00	0.00	0.00	600.00	0.00

Total LISTERS FEES	1,700.00	0.00	-31.97	1,668.03	0.00

10-10-000-361 INTEREST					
10-10-000-361.00 INTEREST ON INVESTMENTS	12,000.00	0.00	0.00	12,000.00	0.00
10-10-000-361.10 INTEREST ON IMPACT FEE	4,000.00	0.00	0.00	4,000.00	0.00

Total INTEREST	16,000.00	0.00	0.00	16,000.00	0.00

10-10-000-390 MISCELLANEOUS INCOME					
10-10-000-390.00 OTHER FINANCING SOURCES	2,500.00	0.00	-1,865.23	634.77	-265.00

Total MISCELLANEOUS INCOME	2,500.00	0.00	-1,865.23	634.77	-265.00

10-10-000-391 OPERATING TRANSFER IN					
10-10-000-391.00 OPERATING TRANSFER IN	30,000.00	0.00	0.00	30,000.00	0.00
10-10-000-391.05 Oping Tfer In(TIF-Main ST	16,453.00	0.00	0.00	16,453.00	0.00

Total OPERATING TRANSFER IN	46,453.00	0.00	0.00	46,453.00	0.00

10-10-000-392 RESTITUTION/SALE OF PROP					

Total RESTITUTION/SALE OF PROP	0.00	0.00	0.00	0.00	0.00

10-20-000-342 POLICE FEES					
10-20-000-342.00 POLICE FINES AND COSTS	35,000.00	0.00	-6,423.50	28,576.50	-1,465.00
10-20-000-342.10 POLICE FEES	2,600.00	0.00	-909.00	1,691.00	-249.00
10-20-000-342.11 POLICE CONTRACTS	30,000.00	0.00	-18,962.64	11,037.36	-6,430.00
10-20-000-342.30 OTI Seized Assets/Canine	10,000.00	0.00	0.00	10,000.00	0.00
10-20-000-342.54 BALLISTIC VESTS GRANT	1,500.00	0.00	0.00	1,500.00	0.00
10-20-000-342.55 CDIP GRANT	3,000.00	0.00	0.00	3,000.00	0.00
10-20-000-342.56 POLICE DONATIONS	200.00	0.00	0.00	200.00	0.00
10-20-000-342.57 COPS GRANT	35,000.00	0.00	-21,941.78	13,058.22	0.00
10-20-000-342.58 SRO GRANT	77,500.00	0.00	-7,159.43	70,340.57	0.00

Total POLICE FEES	194,800.00	0.00	-55,396.35	139,403.65	-8,144.00

10-20-000-343 FIRE RESCUE FEES					
10-20-000-343.00 FIRE DEPT FEES	7,000.00	0.00	-2.96	6,997.04	0.00

Account	Estimated Revenue	Applied For	Received To Date	Uncollected Balance	FY-14/15 MTD Pd 4 Oct
10-20-000-343.05 FIRE DEPT INS. REIMB 1937	1,900.00	0.00	0.00	1,900.00	0.00
10-20-000-343.10 RESCUE FEES	225,000.00	0.00	-54,257.92	170,742.08	0.00
10-20-000-343.12 OTI Fire/Rescue Reserve	59,095.00	0.00	0.00	59,095.00	0.00
10-20-000-343.56 RESCUE DONATIONS	3,100.00	0.00	-2,510.00	590.00	-2,330.00
Total FIRE RESCUE FEES	296,095.00	0.00	-56,770.88	239,324.12	-2,330.00
10-20-000-345 ANIMAL CONTROL FEES					
10-20-000-345.00 POUND FEES	6,000.00	0.00	-2,788.37	3,211.63	-1,215.35
Total ANIMAL CONTROL FEES	6,000.00	0.00	-2,788.37	3,211.63	-1,215.35
10-20-490-361.00 INTEREST ON RESCUE DONATI	10.00	0.00	-1.70	8.30	0.00
10-30-000-334 INTERGOVERNMANTEL					
10-30-000-334.00 STATE AID TO HIGHWAYS	241,287.00	0.00	-120,293.45	120,993.55	-60,144.98
Total INTERGOVERNMANTEL	241,287.00	0.00	-120,293.45	120,993.55	-60,144.98
10-30-000-336 WINTER ROAD FEES					
Total WINTER ROAD FEES	0.00	0.00	0.00	0.00	0.00
10-30-000-344 PUBLIC WORKS FEES					
10-30-000-344.30 PUBLIC WORKS FEES	2,500.00	0.00	-195.00	2,305.00	-10.00
10-30-000-344.60 ENGINEER FEES	1,000.00	0.00	0.00	1,000.00	0.00
Total PUBLIC WORKS FEES	3,500.00	0.00	-195.00	3,305.00	-10.00
10-30-000-345.00 CONCESSION VENDOR FEES	100.00	0.00	0.00	100.00	0.00
10-50-000-347 RECREATION					
10-50-000-347.00 RECREATION FEES	48,000.00	0.00	-17,111.00	30,889.00	-5,237.00
10-50-000-347.05 Recreation Donations	0.00	0.00	-624.68	-624.68	0.00
10-50-000-347.10 GREAT ESCAPE SALES	13,500.00	0.00	-6,825.00	6,675.00	0.00
10-50-000-347.20 RECREATION FIELD USE	3,500.00	0.00	-655.00	2,845.00	-225.00
10-50-000-347.22 AFTER SCHOOL BOWLING	500.00	0.00	-2,371.12	-1,871.12	0.00
10-50-000-347.50 SUMMER TRAVELERS	3,500.00	0.00	0.00	3,500.00	0.00
Total RECREATION	69,000.00	0.00	-27,586.80	41,413.20	-5,462.00
10-51-000 LIBRARY					
10-51-000-343.05 INSURANCE REIMB (BOOKMOBI	409.00	0.00	0.00	409.00	0.00
Total LIBRARY	409.00	0.00	0.00	409.00	0.00
10-60-000-341 PLANNING/ZONING FEES					
10-60-000-341.00 BUILDING PERMIT FEES	30,000.00	0.00	-12,024.78	17,975.22	-1,110.00
10-60-000-341.10 PLANNING FEES	12,000.00	0.00	-7,290.56	4,709.44	-1,851.56
Total PLANNING/ZONING FEES	42,000.00	0.00	-19,315.34	22,684.66	-2,961.56

Account	Estimated Revenue	Applied For	Received To Date	Uncollected Balance	FY-14/15 MTD Pd 4 Oct
10-90-000-400.00 REDUCTION IN FUND BALANCE	325,188.00	0.00	0.00	325,188.00	0.00
10-90-000-900.00 REDUCTION IN DEBT SVC FND	30,000.00	0.00	0.00	30,000.00	0.00
Total GENERAL FUND	7,260,341.00	0.00	-6,216,764.16	1,043,576.84	-108,338.35
20-00-000-355.00 IMPACT FEES	0.00	0.00	-35,360.00	-35,360.00	-4,420.00
20-00-000-361.00 INTEREST ON INVESTMENTS	0.00	0.00	-125.62	-125.62	0.00
Total IMPACT FEES FUND	0.00	0.00	-35,485.62	-35,485.62	-4,420.00
21-00-000-361.00 INTEREST ON INVESTMENTS	0.00	0.00	-125.58	-125.58	0.00
Total REAPPRAISEL FUND	0.00	0.00	-125.58	-125.58	0.00
Total BIKE PATH & MULTI MODAL	0.00	0.00	0.00	0.00	0.00
23-00-000-361.00 INTEREST ON INVESTMENTS	0.00	0.00	-80.71	-80.71	0.00
23-10-000-341.00 RECORDING FEES	0.00	0.00	-2,394.00	-2,394.00	0.00
23-10-000-341.10 RECORDING FEES COMPUTER	0.00	0.00	-2,548.00	-2,548.00	0.00
Total RESTORATION OF RECORDS	0.00	0.00	-5,022.71	-5,022.71	0.00
Total DEVELOPMENT ESCROW ACCTS	0.00	0.00	0.00	0.00	0.00
25-00-000-361.00 INTEREST EARNINGS	0.00	0.00	-836.11	-836.11	0.00
Total TIF INCREMENTAL FINANCING	0.00	0.00	-836.11	-836.11	0.00
26-00-000-361.00 INTEREST	0.00	0.00	-13.66	-13.66	0.00
Total POLICE EQUITABLE SHARING	0.00	0.00	-13.66	-13.66	0.00
Total ROAD RESTORATION/SW MAINT	0.00	0.00	0.00	0.00	0.00
30-20-420-391.10 PACIF GRANT - POLICE	0.00	0.00	-2,422.45	-2,422.45	0.00
30-20-421-391.20 Radio Grant - Fire	0.00	0.00	-35,633.00	-35,633.00	0.00
30-50-451-333.00 Library Resource Sharing	0.00	0.00	-797.00	-797.00	0.00
Total GRANT FUND	0.00	0.00	-38,852.45	-38,852.45	0.00
Total LIBRARY FREEMAN GRANT	0.00	0.00	0.00	0.00	0.00
38-00-000-302.00 OPERATING TRANSFER IN	0.00	0.00	-97,916.68	-97,916.68	-24,479.17
38-00-000-361.00 INTEREST-RECVRY ZONE BOND	0.00	0.00	-71.58	-71.58	0.00
Total CAPITAL RESERVE FUND	0.00	0.00	-97,988.26	-97,988.26	-24,479.17

TOWN OF MILTON General Ledger
Revenue Report - CAPITAL RESERVE FUND
Current Year Period 4 Oct

Account	Estimated Revenue	Applied For	Received To Date	Uncollected Balance	FY-14/15 MTD Pd 4 Oct
50-00-000-300.00 WPL-229 Grant	0.00	0.00	-4,594.76	-4,594.76	0.00
50-10-000-355.00 HOOK- UPS	0.00	0.00	-15,468.46	-15,468.46	0.00
50-10-000-390.00 OTHER FINANCING SOURCES	0.00	0.00	-6,773.35	-6,773.35	-225.00
50-10-000-390.10 WATER HAULER RECEIPTS	0.00	0.00	-1,083.88	-1,083.88	0.00
Total WATER FUND	0.00	0.00	-27,920.45	-27,920.45	-225.00
55-20-000-331.33 ST GRANT RF1-147	0.00	0.00	-70,305.71	-70,305.71	0.00
55-20-000-331.34 ST GRANT RFE-160	0.00	0.00	-141,206.30	-141,206.30	-141,206.30
55-20-000-355.00 HOOK-UPS	0.00	0.00	-17,744.90	-17,744.90	0.00
55-20-000-361.00 INTEREST EARNINGS	0.00	0.00	-13.59	-13.59	0.00
55-20-000-390.00 MISCELLANEOUS INCOME	0.00	0.00	-25.00	-25.00	0.00
55-20-000-390.10 SEPTAGE RECEIPTS	0.00	0.00	-12,473.91	-12,473.91	0.00
55-20-000-391.15 TRANSFER IN TIF FUND	0.00	0.00	-43,250.00	-43,250.00	-43,250.00
Total SEWER FUND	0.00	0.00	-285,019.41	-285,019.41	-184,456.30
Total WEST MILTON CEMETERY FUND	0.00	0.00	0.00	0.00	0.00
Total HENRY BEERMAN TRUST	0.00	0.00	0.00	0.00	0.00
Total JANE HUNDEL TRUST	0.00	0.00	0.00	0.00	0.00
Total VILLAGE OF MILTON TRUST	0.00	0.00	0.00	0.00	0.00
Total All FUNDS	7,260,341.00	0.00	-6,708,028.41	552,312.59	-321,918.82

TOWN OF MILTON General Ledger
Expenditure Report - GENERAL FUND
Current Year Period 4 Oct

Account	Budget	Outstanding Encumbrance	Expenditures	Unencumbered Balance	FY-14/15 MTD Pd 4 Oct
10-10 GENERAL GOVERNMENT					
10-10-401 SELECTBOARD:					
10-10-401-110.00 REGULAR SALARIES	8,500.00	0.00	3,100.00	5,400.00	1,650.00
10-10-401-115.00 PART TIME SALARIES	1,530.00	0.00	0.00	1,530.00	0.00
10-10-401-220.00 SOCIAL SECURITY	768.00	0.00	237.17	530.83	126.24
10-10-401-330.00 OTHER PROFESSIONAL SERVIC	27,000.00	0.00	14,860.00	12,140.00	0.00
10-10-401-540.00 ADVERTISING	2,950.00	0.00	0.00	2,950.00	0.00
10-10-401-550.00 PRINTING AND BINDING	2,000.00	0.00	0.00	2,000.00	0.00
10-10-401-580.00 TRAVEL	116.00	0.00	0.00	116.00	0.00
10-10-401-610.25 CITIZEN RECOGNITION	750.00	0.00	0.00	750.00	0.00
10-10-401-611.00 OFFICE SUPPLIES	300.00	0.00	0.00	300.00	0.00
10-10-401-612.00 OTHER SUPPLIES	650.00	0.00	0.00	650.00	0.00
10-10-401-640.00 BOOKS AND PERIODICALS	200.00	0.00	0.00	200.00	0.00
10-10-401-810.00 DUES AND FEES	14,175.00	0.00	11,716.00	2,459.00	0.00
10-10-401-810.10 TAX ABATEMENT/SALE	5,000.00	0.00	3,690.79	1,309.21	0.00
10-10-401-820.00 PROFESSIONAL DEVELOPMENT	865.00	0.00	0.00	865.00	0.00
Total SELECTBOARD:	64,804.00	0.00	33,603.96	31,200.04	1,776.24
10-10-402 ELECTION:					
10-10-402-115.00 PART TIME SALARIES	11,000.00	0.00	2,590.33	8,409.67	0.00
10-10-402-220.00 SOCIAL SECURITY	842.00	0.00	196.41	645.59	0.00
10-10-402-340.00 TECHNICAL	4,450.00	0.00	2,193.00	2,257.00	0.00
10-10-402-540.00 ADVERTISING	1,100.00	0.00	0.00	1,100.00	0.00
10-10-402-550.00 PRINTING AND BINDING	1,000.00	0.00	0.00	1,000.00	0.00
10-10-402-610.00 POSTAGE	1,500.00	0.00	182.84	1,317.16	127.77
10-10-402-611.00 OFFICE SUPPLIES	300.00	35.00	0.00	265.00	0.00
10-10-402-612.00 GENERAL SUPPLIES	200.00	0.00	19.00	181.00	0.00
10-10-402-820.00 PROFESSIONAL DEVELOPMENT	100.00	0.00	0.00	100.00	0.00
Total ELECTION:	20,492.00	35.00	5,181.58	15,275.42	127.77
10-10-404 INSURANCE/RISK MANAGEMENT					
10-10-404-260.00 WORKERS COMPENSATION	99,000.00	0.00	42,594.50	56,405.50	0.00
10-10-404-520.10 GENERAL LIABILITY INS.	52,000.00	0.00	26,331.50	25,668.50	0.00
10-10-404-520.20 VEHICLE INSURANCE	23,000.00	0.00	11,566.50	11,433.50	0.00
10-10-404-520.30 PROPERTY INSURANCE	37,000.00	0.00	14,406.00	22,594.00	0.00
10-10-404-520.40 EMPLOYMENT PRACTICES	11,000.00	0.00	5,633.50	5,366.50	0.00
10-10-404-520.50 PUBLIC OFFICIALS LIABILIT	12,500.00	0.00	5,999.00	6,501.00	0.00
10-10-404-520.60 LONG TERM DISABILITY	10,557.00	0.00	2,733.08	7,823.92	549.47
10-10-404-520.70 SHORT TERM DISABILITY	6,000.00	0.00	2,091.30	3,908.70	427.61
10-10-404-520.80 VISION SERVICE PLAN	10,000.00	0.00	3,364.34	6,635.66	660.76
Total INSURANCE/RISK MANAGEMENT	261,057.00	0.00	114,719.72	146,337.28	1,637.84
10-10-405 LEGAL					
10-10-405-330.10 GENERAL GOVERNMENT	25,000.00	0.00	12,585.07	12,414.93	10.00
10-10-405-330.30 PLANNING	4,000.00	0.00	6,328.75	-2,328.75	0.00
10-10-405-330.65 HEALTH	15,000.00	0.00	0.00	15,000.00	0.00
10-10-405-330.70 APPEALS	5,500.00	0.00	777.50	4,722.50	0.00

Account	Budget	Outstanding Encumbrance	Expenditures	Unencumbered Balance	FY-14/15 MTD Pd 4 Oct
Total LEGAL	49,500.00	0.00	19,691.32	29,808.68	10.00
10-10-406 PROPERTY TAXES & ASSESSME					
10-10-406-810.10 COUNTY TAXES	50,000.00	0.00	47,293.07	2,706.93	0.00
10-10-406-810.20 TOWN OF WESTFORD	3,200.00	0.00	2,513.73	686.27	0.00
10-10-406-811.00 CCTA ASSESSMENT	28,000.00	0.00	28,665.00	-665.00	0.00
Total PROPERTY TAXES & ASSESSME	81,200.00	0.00	78,471.80	2,728.20	0.00
10-10-410 TOWN MANAGER					
10-10-410-110.00 REGULAR SALARIES	192,308.00	0.00	60,861.04	131,446.96	13,765.80
10-10-410-150.00 INSURANCE BUYOUT	0.00	0.00	1,500.00	-1,500.00	375.00
10-10-410-170.00 TRAVEL ALLOWANCE	4,800.00	0.00	1,824.50	2,975.50	400.00
10-10-410-210.10 GROUP HEALTH INSURANCE	33,058.00	0.00	7,844.59	25,213.41	1,797.23
10-10-410-210.15 GROUP DENTAL INSURANCE	2,781.00	0.00	736.45	2,044.55	160.60
10-10-410-210.30 GROUP LIFE INS & AD&D	865.00	0.00	197.25	667.75	0.00
10-10-410-220.00 SOCIAL SECURITY	15,079.00	0.00	4,850.18	10,228.82	1,102.18
10-10-410-230.00 RETIREMENT	17,382.00	0.00	5,241.01	12,140.99	1,179.04
10-10-410-330.00 OTHER PROFESSIONAL SERVIC	1,000.00	0.00	0.00	1,000.00	0.00
10-10-410-530.10 COMMUNICATIONS-TELEPHONE	630.00	0.00	222.52	407.48	55.86
10-10-410-530.20 COMMUNICATION-OTHER	625.00	0.00	220.00	405.00	55.00
10-10-410-540.00 ADVERTISING	150.00	0.00	55.50	94.50	55.50
10-10-410-580.00 TRAVEL	1,750.00	0.00	2,906.03	-1,156.03	44.07
10-10-410-610.00 POSTAGE	191.00	0.00	8.92	182.08	0.48
10-10-410-610.25 EMPLOYEE RECOGNITION	110.00	0.00	76.24	33.76	0.00
10-10-410-611.00 OFFICE SUPPLIES	800.00	20.00	0.00	780.00	0.00
10-10-410-613.00 TECHNOLOGY	600.00	0.00	769.88	-169.88	0.00
10-10-410-626.00 GASOLINE	35.00	0.00	46.11	-11.11	0.00
10-10-410-740.00 MACHINERY & EQUIPMENT	300.00	0.00	0.00	300.00	0.00
10-10-410-810.00 DUES & FEES	925.00	0.00	545.00	380.00	0.00
10-10-410-820.00 PROFESSIONAL DEVELOPMENT	2,190.00	0.00	2,017.18	172.82	245.00
Total TOWN MANAGER	275,579.00	20.00	89,922.40	185,636.60	19,235.76
10-10-412 TOWN CLERK/TREASURER					
10-10-412-110.00 REGULAR SALARIES	156,788.00	0.00	61,214.48	95,573.52	13,409.60
10-10-412-115.00 PART TIME SALRIES	30,607.00	0.00	10,840.11	19,766.89	2,359.02
10-10-412-210.10 GROUP HEALTH INSURANCE	34,656.00	0.00	13,573.75	21,082.25	2,799.60
10-10-412-210.15 GROUP DENTAL INSURANCE	2,421.00	0.00	998.25	1,422.75	199.65
10-10-412-210.30 GROUP LIFE INS & AD&D	563.00	0.00	197.28	365.72	0.00
10-10-412-220.00 SOCIAL SECURITY	14,336.00	0.00	5,367.21	8,968.79	1,175.36
10-10-412-230.00 RETIREMENT CONTRIBUTION	8,035.00	0.00	3,320.67	4,714.33	720.78
10-10-412-340.00 TECHNICAL	250.00	0.00	0.00	250.00	0.00
10-10-412-340.10 TECHNICAL/ACS	20,000.00	0.00	4,136.24	15,863.76	1,482.17
10-10-412-340.20 Credit Card Option	500.00	0.00	645.18	-145.18	-25.67
10-10-412-345.00 SHREDDING	200.00	60.00	140.00	0.00	140.00
10-10-412-430.20 PHOTOCOPIER MAINTENANCE	1,130.00	0.00	175.50	954.50	0.00
10-10-412-530.10 COMMUNICATIONS-TELEPHONE	300.00	0.00	97.00	203.00	24.18
10-10-412-540.00 ADVERTISING	100.00	0.00	0.00	100.00	0.00

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10-10-412-550.00 PRINTING & BINDING	200.00	0.00	0.00	200.00	0.00
10-10-412-580.00 TRAVEL	250.00	0.00	120.06	129.94	0.00
10-10-412-610.00 POSTAGE	2,000.00	0.00	430.09	1,569.91	84.04
10-10-412-611.00 OFFICE SUPPLIES	2,100.00	60.00	22.50	2,017.50	0.00
10-10-412-612.00 GENERAL SUPPLIES	150.00	0.00	7.18	142.82	0.00
10-10-412-613.00 TECHNOLOGY	200.00	0.00	0.00	200.00	0.00
10-10-412-640.00 BOOKS & PERIODICALS	50.00	0.00	27.95	22.05	0.00
10-10-412-740.00 MACHINERY & EQUIPMENT	950.00	0.00	0.00	950.00	0.00
10-10-412-810.00 DUES & FEES	125.00	55.00	30.00	40.00	0.00
10-10-412-815.00 Bank Fees	0.00	0.00	45.00	-45.00	0.00
10-10-412-820.00 PROFESSIONAL DEVELOPMENT	1,600.00	0.00	736.21	863.79	0.00
Total TOWN CLERK/TREASURER	277,511.00	175.00	102,124.66	175,211.34	22,368.73
10-10-413 FINANCE OFFICE					
10-10-413-110.00 REGULAR SALARIES	139,227.00	0.00	47,789.28	91,437.72	10,540.80
10-10-413-115.00 Part-Time Salaries	18,782.00	0.00	5,351.30	13,430.70	1,089.90
10-10-413-150.00 INSURANCE BUYOUT	0.00	0.00	2,000.00	-2,000.00	500.00
10-10-413-210.10 GROUP HEALTH INSURANCE	32,064.00	0.00	6,090.04	25,973.96	2,311.58
10-10-413-210.15 GROUP DENTAL INSURANCE	2,753.00	0.00	840.15	1,912.85	168.03
10-10-413-210.30 GROUP LIFE INS & AD&D	417.00	0.00	165.52	251.48	0.00
10-10-413-220.00 SOCIAL SECURITY	12,088.00	0.00	4,126.48	7,961.52	910.31
10-10-413-230.00 RETIREMENT CONTRIBUTIONS	9,064.00	0.00	2,955.83	6,108.17	654.05
10-10-413-340.00 TECHNICAL	300.00	0.00	59.99	240.01	59.99
10-10-413-530.10 COMMUNICATIONS-TELEPHONE	720.00	0.00	80.83	639.17	20.15
10-10-413-550.00 PRINTING & BINDING	3,200.00	846.20	1,119.42	1,234.38	0.00
10-10-413-580.00 TRAVEL	300.00	0.00	0.00	300.00	0.00
10-10-413-610.00 POSTAGE	9,000.00	0.00	5,023.28	3,976.72	1,232.64
10-10-413-611.00 OFFICE SUPPLIES	1,700.00	141.46	527.21	1,031.33	0.00
10-10-413-612.00 GENERAL SUPPLIES	400.00	0.00	276.57	123.43	0.00
10-10-413-613.00 TECHNOLOGY	500.00	0.00	0.00	500.00	0.00
10-10-413-740.00 MACHINERY & EQUIPMENT	2,000.00	0.00	0.00	2,000.00	0.00
10-10-413-743.00 FURNITURE & FIXTURES	250.00	0.00	159.95	90.05	0.00
10-10-413-810.00 Dues & Fees	250.00	0.00	0.00	250.00	0.00
10-10-413-820.00 PROFESSIONAL DEVELOPMENT	1,500.00	0.00	1,147.00	353.00	309.00
Total FINANCE OFFICE	234,515.00	987.66	77,712.85	155,814.49	17,796.45
10-10-414 LISTERS:					
10-10-414-110.00 REGULAR SALARIES	360.00	0.00	0.00	360.00	0.00
10-10-414-115.00 PART TIME SALARIES	37,147.00	0.00	13,439.37	23,707.63	3,286.18
10-10-414-220.00 SOCIAL SECURITY	2,841.00	0.00	1,028.11	1,812.89	251.40
10-10-414-310.00 OFFICIAL/ADMINISTRATIVE	23,500.00	0.00	3,850.00	19,650.00	500.00
10-10-414-340.00 TECHNICAL	3,500.00	0.00	863.78	2,636.22	863.78
10-10-414-530.10 COMMUNICATIONS-TELEPHONE	200.00	0.00	80.83	119.17	20.15
10-10-414-580.00 TRAVEL	325.00	0.00	0.00	325.00	0.00
10-10-414-610.00 POSTAGE	450.00	0.00	46.44	403.56	4.87
10-10-414-611.00 OFFICE SUPPLIES	500.00	231.00	281.94	-12.94	0.00
10-10-414-640.00 BOOKS & PERIODICALS	75.00	0.00	0.00	75.00	0.00
10-10-414-740.00 MACHINERY & EQUIPMENT	500.00	0.00	0.00	500.00	0.00

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10-10-414-743.00 FURNITURE AND FIXTURES	300.00	0.00	0.00	300.00	0.00
10-10-414-810.00 DUES & FEES	50.00	0.00	0.00	50.00	0.00
10-10-414-820.00 PROFESSIONAL DEVELOPMENT	650.00	0.00	0.00	650.00	0.00
Total LISTERS:	70,398.00	231.00	19,590.47	50,576.53	4,926.38
10-10-415 CONTINGENCY					
10-10-415-850.00 CONTINGENCY	90,000.00	0.00	500.00	89,500.00	0.00
Total CONTINGENCY	90,000.00	0.00	500.00	89,500.00	0.00
10-10-416 ADMINISTRATIVE SERVICES					
10-10-416-210.00 HEALTH INSURANCE - CHOICE	540.00	0.00	210.75	329.25	-1,265.70
10-10-416-210.10 HRA CONTRIBUTION	184,880.00	0.00	53,784.20	131,095.80	7,677.84
10-10-416-240.00 TUITION REIMBURSEMENT	1,200.00	0.00	0.00	1,200.00	0.00
10-10-416-240.10 WELLNESS PROGRAM	800.00	0.00	0.00	800.00	0.00
10-10-416-240.20 HEALTH & SAFETY VACCINATI	624.00	0.00	0.00	624.00	0.00
10-10-416-330.00 OTHER PROFESSIONAL	835.00	0.00	229.50	605.50	150.00
10-10-416-340.00 ***TECHNICAL	500.00	0.00	0.00	500.00	0.00
10-10-416-345.00 SHREDDING	350.00	0.00	0.00	350.00	0.00
10-10-416-430.10 VEHICLE/EQUIP MAINTENANCE	1,000.00	0.00	0.00	1,000.00	0.00
10-10-416-430.20 PHOTOCOPIER MAINTENANCE	2,600.00	0.00	782.07	1,817.93	188.88
10-10-416-540.00 ADVERTISING	1,653.00	0.00	0.00	1,653.00	0.00
10-10-416-610.00 POSTAGE	150.00	0.00	0.00	150.00	0.00
10-10-416-610.10 POSTAGE MACHINE RENTAL	2,700.00	0.00	384.00	2,316.00	0.00
10-10-416-611.00 OFFICE SUPPLIES	3,900.00	0.00	231.73	3,668.27	18.99
10-10-416-612.00 GENERAL SUPPLIES	0.00	0.00	0.00	0.00	-18.99
10-10-416-810.00 DUES AND FEES	110.00	0.00	0.00	110.00	0.00
10-10-416-820.00 PROFESSIONAL DEV.	4,140.00	0.00	894.00	3,246.00	0.00
Total ADMINISTRATIVE SERVICES	205,982.00	0.00	56,516.25	149,465.75	6,751.02
10-10-417 INFORMATION TECHNOLOGY					
10-10-417-340.00 TECHNICAL	40,155.00	0.00	2,942.47	37,212.53	2,898.14
10-10-417-530.20 COMMUNICATIONS-OTHER	5,415.00	0.00	1,275.36	4,139.64	318.84
10-10-417-613.00 TECHNOLOGY	950.00	0.00	0.00	950.00	0.00
10-10-417-740.00 MACHINERY AND EQUIPMENT	1,710.00	680.00	0.00	1,030.00	0.00
10-10-417-820.00 PROFESSIONAL DEVELOPMENT	285.00	0.00	0.00	285.00	0.00
Total INFORMATION TECHNOLOGY	48,515.00	680.00	4,217.83	43,617.17	3,216.98
10-10-480 OPERATING TRANSFER OUT					
Total OPERATING TRANSFER OUT	0.00	0.00	0.00	0.00	0.00
Total GENERAL GOVERNMENT	1,679,553.00	2,128.66	602,252.84	1,075,171.50	77,847.17
10-20 PUBLIC SAFETY					
10-20-420 POLICE DEPARTMENT:					
10-20-420-110.00 REGULAR SALARIES	985,891.00	0.00	333,663.84	652,227.16	74,895.60

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10-20-420-110.10 SHIFT DIFFERENTIAL	16,000.00	0.00	5,410.91	10,589.09	992.26
10-20-420-110.20 INSTRUCTOR SALARIES	500.00	0.00	1,710.75	-1,210.75	66.00
10-20-420-120.00 TEMPORARY SALARIES	17,000.00	0.00	3,998.31	13,001.69	857.50
10-20-420-130.00 OVERTIME	72,000.00	0.00	24,788.34	47,211.66	6,577.32
10-20-420-140.00 CONTRACT SALARIES	25,000.00	0.00	14,218.91	10,781.09	4,579.50
10-20-420-150.00 INSURANCE BUYOUT	7,000.00	0.00	3,833.36	3,166.64	958.34
10-20-420-170.00 TRAVEL ALLOWANCE	0.00	0.00	300.00	-300.00	75.00
10-20-420-190.00 PHYSICAL FITNESS	5,550.00	0.00	1,300.00	4,250.00	0.00
10-20-420-210.10 GROUP HEALTH INSURANCE	157,415.00	0.00	63,605.30	93,809.70	16,563.03
10-20-420-210.15 GROUP DENTAL INSURANCE	16,134.00	0.00	5,695.30	10,438.70	1,139.06
10-20-420-210.30 GROUP LIFE INS & AD&D	3,611.00	0.00	985.64	2,625.36	0.00
10-20-420-220.00 SOCIAL SECURITY	85,939.00	0.00	29,075.29	56,863.71	6,654.71
10-20-420-230.00 RETIREMENT CONTRIBUTIONS	119,454.00	0.00	36,028.45	83,425.55	8,259.77
10-20-420-330.00 OTHER PROFESSIONAL	3,850.00	0.00	983.00	2,867.00	122.00
10-20-420-340.00 TECHNICAL	98,179.00	55,683.34	31,943.18	10,552.48	288.63
10-20-420-430.10 VEHICLE MAINTENANCE	17,000.00	2,396.58	2,687.77	11,915.65	444.68
10-20-420-430.20 PHOTOCOPIER MAINTENANCE	2,000.00	0.00	1,144.96	855.04	145.10
10-20-420-530.10 COMMUNICATIONS-TELEPHONE	5,225.00	0.00	1,393.50	3,831.50	349.96
10-20-420-530.20 COMMUNICATIONS-OTHER	6,823.00	0.00	893.79	5,929.21	217.33
10-20-420-540.00 ADVERTISING	620.00	0.00	0.00	620.00	0.00
10-20-420-550.00 PRINTING AND BINDING	1,090.00	50.00	381.50	658.50	0.00
10-20-420-570.00 C.C.SPECIAL INVESTIGATION	15,617.00	0.00	15,617.00	0.00	0.00
10-20-420-580.00 TRAVEL	4,369.00	0.00	904.60	3,464.40	0.00
10-20-420-610.00 POSTAGE	350.00	0.00	144.65	205.35	43.90
10-20-420-611.00 OFFICE SUPPLIES	4,000.00	0.00	1,419.61	2,580.39	705.17
10-20-420-612.00 GENERAL SUPPLIES	10,000.00	890.55	6,114.49	2,994.96	3,490.61
10-20-420-613.00 TECHNOLOGY	400.00	0.00	0.00	400.00	0.00
10-20-420-626.00 GASOLINE	50,000.00	0.00	12,920.07	37,079.93	4,902.84
10-20-420-640.00 BOOKS & PERIODICALS	800.00	0.00	0.00	800.00	0.00
10-20-420-650.00 UNIFORMS	14,400.00	2,402.50	2,108.08	9,889.42	447.27
10-20-420-740.00 MACHINERY & EQUIPMENT	3,385.00	0.00	0.00	3,385.00	0.00
10-20-420-743.00 FURNITURE AND FIXTURES	300.00	0.00	0.00	300.00	0.00
10-20-420-810.00 DUES AND FEES	550.00	0.00	50.00	500.00	0.00
10-20-420-820.00 PROFESSIONAL DEVELOPMENT	6,500.00	343.00	1,487.59	4,669.41	390.50
10-20-420-825.00 Gym Membership	2,200.00	0.00	549.90	1,650.10	470.00
10-20-420-830.00 YOUTH PROGRAM	1,200.00	200.00	0.00	1,000.00	0.00
10-20-420-870.00 BALLISTIC VESTS GRANT	3,000.00	0.00	0.00	3,000.00	0.00
10-20-420-880.00 FIREARMS	770.00	0.00	0.00	770.00	0.00
10-20-420-890.00 Canine Unit	10,000.00	0.00	323.99	9,676.01	130.00
Total POLICE DEPARTMENT:	1,774,122.00	61,965.97	605,682.08	1,106,473.95	133,766.08
10-20-421 FIRE DEPARTMENT					
10-20-421-110.00 REGULAR SALARIES	16,108.00	0.00	5,594.91	10,513.09	1,221.16
10-20-421-120.00 TEMPORARY SALARIES	86,110.00	0.00	30,105.41	56,004.59	11,110.68
10-20-421-210.10 GROUP HEALTH INSURANCE	4,728.00	0.00	1,861.58	2,866.42	401.79
10-20-421-210.15 GROUP DENTAL INSURANCE	472.00	0.00	194.80	277.20	38.96
10-20-421-210.30 GROUP LIFE INS & AD&D	71.00	0.00	23.12	47.88	0.00
10-20-421-220.00 SOCIAL SECURITY	7,820.00	0.00	2,703.46	5,116.54	937.28
10-20-421-230.00 RETIREMENT CONTRIBUTIONS	1,169.00	0.00	384.77	784.23	83.98

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10-20-421-330.00 OTHER PROFESSIONAL	6,025.00	0.00	0.00	6,025.00	0.00
10-20-421-335.00 CAG Commission	400.00	0.00	0.00	400.00	0.00
10-20-421-340.00 TECHNICAL	42,500.00	28,333.34	14,166.66	0.00	0.00
10-20-421-430.10 VEHICLE/EQUIP MAINTENANCE	24,000.00	1,357.06	2,605.99	20,036.95	203.69
10-20-421-430.20 PHOTOCOPIER MAINTENANCE	400.00	0.00	60.04	339.96	11.27
10-20-421-530.10 COMMUNICATIONS TELEPHONE	600.00	0.00	187.53	412.47	46.74
10-20-421-530.20 COMMUNICATIONS-OTHER	1,100.00	0.00	100.86	999.14	33.60
10-20-421-540.00 ADVERTISING	100.00	0.00	0.00	100.00	0.00
10-20-421-550.00 PRINTING & BINDING	150.00	0.00	0.00	150.00	0.00
10-20-421-580.00 TRAVEL	350.00	0.00	0.00	350.00	0.00
10-20-421-610.00 POSTAGE	100.00	0.00	15.24	84.76	0.00
10-20-421-611.00 OFFICE SUPPLIES	1,000.00	0.00	0.00	1,000.00	0.00
10-20-421-612.00 GENERAL SUPPLIES	5,500.00	144.00	195.54	5,160.46	0.00
10-20-421-613.00 TECHONLOGY	1,600.00	0.00	0.00	1,600.00	0.00
10-20-421-625.00 DIESEL FUEL	6,600.00	0.00	1,024.86	5,575.14	395.43
10-20-421-640.00 BOOKS & PERIODICALS	200.00	0.00	0.00	200.00	0.00
10-20-421-650.00 UNIFORMS	2,400.00	0.00	0.00	2,400.00	0.00
10-20-421-740.00 MACHINERY/EQUIPMENT	39,425.00	1,305.00	1,146.58	36,973.42	0.00
10-20-421-743.00 FURNITURE & FIXTURES	250.00	0.00	0.00	250.00	0.00
10-20-421-810.00 DUES AND FEES	1,740.00	0.00	0.00	1,740.00	0.00
10-20-421-820.00 PROFESSIONAL DEVELOPMENT	3,150.00	0.00	0.00	3,150.00	0.00
10-20-421-831.00 FIRE PREVENTION	4,000.00	0.00	3,000.00	1,000.00	3,000.00
Total FIRE DEPARTMENT	258,068.00	31,139.40	63,371.35	163,557.25	17,484.58
10-20-422 RESCUE					
10-20-422-110.00 REGULAR SALARIES	35,853.00	0.00	12,453.04	23,399.96	2,718.04
10-20-422-120.00 TEMPORARY SALARIES	92,964.00	0.00	35,432.10	57,531.90	17,678.23
10-20-422-210.10 GROUP HEALTH INSURANCE	10,011.00	0.00	4,125.23	5,885.77	890.63
10-20-422-210.15 GROUP DENTAL INSURANCE	1,051.00	0.00	433.55	617.45	86.71
10-20-422-210.30 GROUP LIFE INS & AD&D	159.00	0.00	51.40	107.60	0.00
10-20-422-220.00 SOCIAL SECURITY	9,854.00	0.00	3,606.91	6,247.09	1,547.07
10-20-422-230.00 RETIREMENT CONTRIBUTIONS	2,602.00	0.00	856.03	1,745.97	186.84
10-20-422-330.00 OTHER PROFESSIONAL	2,400.00	1,000.00	0.00	1,400.00	0.00
10-20-422-340.00 TECHNICAL	43,165.00	28,333.34	14,166.66	665.00	0.00
10-20-422-360.00 CONTRACTED SERVICES	12,500.00	0.00	2,272.16	10,227.84	-69.76
10-20-422-430.10 VEHICLE/EQUIP.MAINTENANCE	6,450.00	1,909.39	2,566.94	1,973.67	0.00
10-20-422-430.20 PHOTOCOPIER MAINTENANCE	375.00	0.00	0.00	375.00	0.00
10-20-422-530.10 COMMUNICATIONS-TELEPHONE	600.00	0.00	170.65	429.35	42.71
10-20-422-530.20 COMMUNICATIONS-OTHER	1,950.00	0.00	379.88	1,570.12	126.58
10-20-422-540.00 ADVERTISING	500.00	0.00	0.00	500.00	0.00
10-20-422-550.00 PRINTING & BINDING	250.00	0.00	0.00	250.00	0.00
10-20-422-580.00 TRAVEL	200.00	0.00	0.00	200.00	0.00
10-20-422-610.00 POSTAGE	125.00	0.00	7.23	117.77	0.00
10-20-422-611.00 OFFICE SUPPLIES	500.00	0.00	0.00	500.00	0.00
10-20-422-612.00 GENERAL SUPPLIES	18,800.00	4,500.00	1,161.50	13,138.50	596.98
10-20-422-613.00 TECHNOLOGY	350.00	0.00	0.00	350.00	0.00
10-20-422-625.00 DIESEL FUEL	10,000.00	0.00	2,358.23	7,641.77	859.34
10-20-422-640.00 BOOKS & PERIDICALS	175.00	0.00	0.00	175.00	0.00
10-20-422-650.00 UNIFORMS	1,750.00	900.00	150.00	700.00	0.00

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10-20-422-740.00 MACHINERY/EQUIPMENT	11,300.00	0.00	0.00	11,300.00	0.00
10-20-422-743.00 FURNITURE & FIXTURES	250.00	0.00	0.00	250.00	0.00
10-20-422-810.00 DUES AND FEES	725.00	0.00	120.00	605.00	0.00
10-20-422-820.00 PROFESSIONAL DEVELOPMENT	10,270.00	0.00	4,269.10	6,000.90	90.00
10-20-422-830.00 Public Education Material	1,000.00	0.00	0.00	1,000.00	0.00
10-20-422-850.00 DONATION EXPENSE	3,850.00	0.00	351.95	3,498.05	0.00
Total RESCUE	279,979.00	36,642.73	84,932.56	158,403.71	24,753.37
10-20-423 ANIMAL CONTROL					
10-20-423-115.00 PART TIME SALARIES	3,860.00	0.00	410.00	3,450.00	0.00
10-20-423-220.00 SOCIAL SECURITY	295.00	0.00	31.37	263.63	0.00
10-20-423-320.00 PROFESSIONAL SERVICES	965.00	0.00	40.00	925.00	40.00
10-20-423-330.00 OTHER PROFESSIONAL	1,080.00	0.00	0.00	1,080.00	0.00
10-20-423-510.00 CARE & KEEP-DOGS & CATS	5,100.00	0.00	858.00	4,242.00	858.00
10-20-423-540.00 ADVERTISING	100.00	0.00	0.00	100.00	0.00
10-20-423-580.00 TRAVEL	565.00	0.00	58.15	506.85	17.92
10-20-423-610.00 POSTAGE	10.00	0.00	0.00	10.00	0.00
10-20-423-612.00 GENERAL SUPPLIES	380.00	0.00	0.00	380.00	0.00
10-20-423-820.00 PROFESSIONAL DEVELOPMENT	300.00	0.00	0.00	300.00	0.00
Total ANIMAL CONTROL	12,655.00	0.00	1,397.52	11,257.48	915.92
Total PUBLIC SAFETY	2,324,824.00	129,748.10	755,383.51	1,439,692.39	176,919.95
10-30 PUBLIC WORKS					
10-30-429 PUBLIC WORKS DIRECTOR					
10-30-429-110.00 REGULAR SALARIES	107,243.00	0.00	35,333.04	71,909.96	8,008.00
10-30-429-210.10 GROUP HEALTH INSURANCE	10,882.00	0.00	7,661.23	3,220.77	1,556.97
10-30-429-210.15 GROUP DENTAL INSURANCE	1,230.00	0.00	498.67	731.33	101.48
10-30-429-210.30 GROUP LIFE INS & AD&D	424.00	0.00	138.00	286.00	0.00
10-30-429-220.00 SOCIAL SECURITY	8,204.00	0.00	2,655.54	5,548.46	602.27
10-30-429-230.00 RETIREMENT	5,407.00	0.00	1,976.40	3,430.60	417.30
10-30-429-331.00 LAND FILL CLOSURE	7,975.00	0.00	0.00	7,975.00	0.00
10-30-429-360.00 CONTRACTED SERVICES	6,800.00	0.00	6,800.00	0.00	0.00
10-30-429-360.10 ENGINEERING SERVICES	7,000.00	0.00	0.00	7,000.00	0.00
10-30-429-530.10 COMMUNICATIONS-TELEPHONE	1,850.00	0.00	174.04	1,675.96	43.77
10-30-429-530.20 COMMUNICATIONS-OTHER	1,950.00	0.00	558.46	1,391.54	-92.47
10-30-429-540.00 ADVERTISING	525.00	452.75	72.25	0.00	0.00
10-30-429-580.00 TRAVEL	550.00	0.00	0.00	550.00	0.00
10-30-429-610.00 POSTAGE	475.00	0.00	48.69	426.31	13.99
10-30-429-611.00 OFFICE SUPPLIES	950.00	163.48	86.15	700.37	0.00
10-30-429-612.00 GENERAL SUPPLIES	100.00	0.00	0.00	100.00	0.00
10-30-429-613.00 TECHNOLOGY	1,600.00	0.00	290.99	1,309.01	0.00
10-30-429-626.00 GASOLINE	1,440.00	0.00	147.89	1,292.11	43.85
10-30-429-640.00 BOOKS AND PERIODICALS	250.00	0.00	0.00	250.00	0.00
10-30-429-740.00 MACHINERY & EQUIPMENT	500.00	0.00	0.00	500.00	0.00
10-30-429-743.00 FURNITURE AND FIXTURES	1,000.00	0.00	0.00	1,000.00	0.00
10-30-429-810.00 DUES & FEES	8,177.00	0.00	6,358.00	1,819.00	0.00
10-30-429-820.00 PROFESSIONAL DEVELOPMENT	3,400.00	84.00	0.00	3,316.00	0.00

Account	Budget	Outstanding Encumbrance	Expenditures	Unencumbered Balance	FY-14/15 MTD Pd 4 Oct
10-30-429-825.00 Small Tools	200.00	0.00	196.91	3.09	0.00
Total PUBLIC WORKS DIRECTOR	178,132.00	700.23	62,996.26	114,435.51	10,695.16
10-30-430 HIGHWAYS					
10-30-430-110.00 REGULAR SALARIES	312,732.00	0.00	103,618.22	209,113.78	22,912.21
10-30-430-115.00 ***PART TIME SALARIES	12,000.00	0.00	5,613.84	6,386.16	1,545.84
10-30-430-130.00 OVER TIME SALARIES	29,000.00	0.00	1,812.00	27,188.00	852.05
10-30-430-150.00 INSURANCE BUYOUT	6,000.00	0.00	6,500.04	-500.04	1,625.01
10-30-430-210.10 GROUP HEALTH INSURANCE	92,071.00	0.00	18,339.90	73,731.10	3,204.90
10-30-430-210.15 GROUP DENTAL INSURANCE	9,316.00	0.00	3,124.70	6,191.30	623.49
10-30-430-210.30 GROUP LIFE INS & AD&D	936.00	0.00	318.06	617.94	0.00
10-30-430-220.00 SOCIAL SECURITY	27,290.00	0.00	8,781.32	18,508.68	2,016.99
10-30-430-230.00 RETIREMENT	17,623.00	0.00	6,049.51	11,573.49	1,378.49
10-30-430-290.00 OTHER EMPLOYEE BENEFIT	1,198.00	452.25	737.75	8.00	275.25
10-30-430-330.00 Other Professional	500.00	0.00	0.00	500.00	0.00
10-30-430-340.00 TECHNICAL	500.00	0.00	0.00	500.00	0.00
10-30-430-360.00 CONTRACTED SERVICES	28,000.00	500.00	1,625.00	25,875.00	1,625.00
10-30-430-426.00 EROSION CONTROL	2,500.00	2,043.95	956.05	-500.00	0.00
10-30-430-430.00 REPAIRS MAINTENANCE	1,000.00	558.09	289.12	152.79	47.84
10-30-430-430.10 VEHICLE MAINTENANCE	80,000.00	16,754.31	35,881.15	27,364.54	16,869.72
10-30-430-431.05 STORM WATER MAINTENANCE	1,000.00	0.00	0.00	1,000.00	0.00
10-30-430-442.00 RENTAL OF EQUIPMENT/VEHIC	3,000.00	1,660.40	149.60	1,190.00	0.00
10-30-430-450.10 PAVING	260,000.00	47,000.00	0.00	213,000.00	0.00
10-30-430-450.20 ASPHALT	10,000.00	3,750.00	3,531.85	2,718.15	0.00
10-30-430-530.10 COMMUNICATIONS-TELEPHONE	1,200.00	0.00	154.13	1,045.87	36.63
10-30-430-530.20 COMMUNICATIONS-OTHER	960.00	0.00	230.39	729.61	230.39
10-30-430-601.10 WINTER SALT	121,600.00	36,090.00	0.00	85,510.00	0.00
10-30-430-601.20 WINTER SAND	17,500.00	9,939.48	7,460.52	100.00	6,639.48
10-30-430-602.10 CHLORIDE	13,950.00	7,610.00	7,455.90	-1,115.90	2,610.00
10-30-430-602.20 PLANT MIX / GRAVEL	40,000.00	3,161.00	14,129.22	22,709.78	6,115.25
10-30-430-612.00 GENERAL SUPPLIES	8,000.00	702.20	2,498.96	4,798.84	481.09
10-30-430-612.10 PLOW SUPPLIES	9,000.00	0.00	0.00	9,000.00	0.00
10-30-430-615.00 CULVERTS	10,500.00	447.15	52.85	10,000.00	0.00
10-30-430-616.00 TRAFFIC SIGNS	4,000.00	7,455.29	2,284.60	-5,739.89	0.00
10-30-430-625.00 DIESEL FUEL	76,000.00	0.00	11,196.52	64,803.48	4,723.80
10-30-430-626.00 GASOLINE	2,400.00	0.00	706.84	1,693.16	25.62
10-30-430-650.00 EMPLOYEE UNIFORMS	2,500.00	39.60	1,008.52	1,451.88	168.64
10-30-430-730.00 GUARDRAILS	1,500.00	0.00	0.00	1,500.00	0.00
10-30-430-740.00 MACHINERY AND EQUIPMENT	2,500.00	0.00	0.00	2,500.00	0.00
10-30-430-825.00 SMALL TOOLS	1,000.00	189.86	483.12	327.02	0.00
Total HIGHWAYS	1,207,276.00	138,353.58	244,989.68	823,932.74	74,007.69
10-30-432 BUILDING & GROUNDS					
10-30-432-110.00 REGULAR SALARIES	74,596.00	0.00	26,515.35	48,080.65	5,679.77
10-30-432-115.00 PART TIME EMPLOYEES	14,976.00	0.00	8,233.79	6,742.21	1,206.43
10-30-432-130.00 OVERTIME	4,000.00	0.00	566.80	3,433.20	144.81
10-30-432-150.00 INSURANCE BUYOUT	9,000.00	0.00	2,166.68	6,833.32	541.67
10-30-432-210.10 GROUP HEALTH INSURANCE	6,358.00	0.00	1,819.86	4,538.14	167.63

TOWN OF MILTON General Ledger
Expenditure Report - GENERAL FUND
Current Year Period 4 Oct

Account	Budget	Outstanding Encumbrance	Expenditures	Unencumbered Balance	FY-14/15 MTD Pd 4 Oct
10-30-432-210.15 GROUP DENTAL INSURANCE	2,046.00	0.00	1,077.73	968.27	215.25
10-30-432-210.30 GROUP LIFE INS & AD&D	272.00	0.00	105.00	167.00	0.00
10-30-432-220.00 SOCIAL SECURITY	7,847.00	0.00	2,797.04	5,049.96	563.77
10-30-432-230.00 RETIREMENT CONTRIBUTIONS	4,490.00	0.00	1,566.45	2,923.55	355.04
10-30-432-290.00 OTHER EMPLOYEE BENEFITS	775.00	582.50	192.50	0.00	0.00
10-30-432-330.00 OTHER PROFESSIONAL SERVIC	1,500.00	0.00	0.00	1,500.00	0.00
10-30-432-340.10 TECHNICAL-CEMETERIES	10,250.00	0.00	0.00	10,250.00	0.00
10-30-432-360.00 CONTRACTED SERVICES	2,000.00	0.00	0.00	2,000.00	0.00
10-30-432-411.00 WATER/SEWER	2,500.00	0.00	1,215.46	1,284.54	570.93
10-30-432-421.00 DISPOSAL & REFUSE	5,000.00	0.00	1,485.93	3,514.07	494.55
10-30-432-430.00 REPAIR & MAINT-FACILITIES	40,000.00	11,211.87	4,026.93	24,761.20	1,613.17
10-30-432-430.10 REPAIR & MAINT-EQUIPMENT	4,800.00	1,737.97	1,031.35	2,030.68	0.00
10-30-432-441.00 RENTAL OF LAND AND BUILDI	2.00	0.00	0.00	2.00	0.00
10-30-432-442.00 RENTAL OF EQUIP & VEHICLE	500.00	0.00	0.00	500.00	0.00
10-30-432-442.20 BUILDING MAT RENTALS	1,000.00	0.00	146.88	853.12	41.31
10-30-432-612.00 GENERAL SUPPLIES	5,400.00	1,869.00	3,360.65	170.35	1,212.16
10-30-432-612.10 PLAYING SURFACE SUPPLIES	3,625.00	0.00	0.00	3,625.00	0.00
10-30-432-612.20 EQUIPMENT-PLAYING SURFACE	300.00	0.00	0.00	300.00	0.00
10-30-432-612.30 BUILDING, STRUCTURES, FENCE	300.00	0.00	0.00	300.00	0.00
10-30-432-621.00 NATURAL GAS	20,000.00	0.00	587.86	19,412.14	227.57
10-30-432-622.00 ELECTRICITY	54,000.00	0.00	14,850.00	39,150.00	4,893.73
10-30-432-622.50 ELECTRICITY - STREET LIGH	50,000.00	0.00	9,223.99	40,776.01	2,524.44
10-30-432-623.00 PROPANE	4,000.00	0.00	0.00	4,000.00	0.00
10-30-432-625.00 HEATING OIL	3,000.00	0.00	0.00	3,000.00	0.00
10-30-432-626.00 GASOLINE	5,200.00	0.00	794.83	4,405.17	207.87
10-30-432-626.10 DIESEL FUEL	1,400.00	0.00	0.00	1,400.00	0.00
10-30-432-650.00 EMPLOYEE UNIFORMS	2,200.00	20.40	392.80	1,786.80	51.15
10-30-432-740.00 MACHINERY & EQUIPMENT	2,700.00	360.00	0.00	2,340.00	0.00
10-30-432-825.00 SMALL TOOLS	300.00	0.00	0.00	300.00	0.00
Total BUILDING & GROUNDS	344,337.00	15,781.74	82,157.88	246,397.38	20,711.25
Total PUBLIC WORKS	1,729,745.00	154,835.55	390,143.82	1,184,765.63	105,414.10
10-40 HEALTH EDUCATION WELFARE					
10-40-441 HEALTH OFFICER:					
10-40-441-110.00 REGULAR SALARIES	7,363.00	0.00	0.00	7,363.00	0.00
10-40-441-115.00 PART TIME SALARIES	1,363.00	0.00	681.50	681.50	340.75
10-40-441-210.00 Group Health Ins	748.00	0.00	0.00	748.00	0.00
10-40-441-210.15 Group Dental Ins	58.00	0.00	0.00	58.00	0.00
10-40-441-210.30 Group Life & AD&D	33.00	0.00	0.00	33.00	0.00
10-40-441-220.00 SOCIAL SECURITY	668.00	0.00	52.14	615.86	26.07
10-40-441-230.00 EMPLOYEE RETIREMENT	377.00	0.00	0.00	377.00	0.00
10-40-441-340.00 TECHNICAL	150.00	0.00	0.00	150.00	0.00
10-40-441-610.00 POSTAGE	0.00	0.00	4.43	-4.43	1.38
10-40-441-820.00 PROFESSIONAL DEVELOPMENT	65.00	0.00	0.00	65.00	0.00
10-40-441-830.01 WOMEN HELPING WOMEN	500.00	0.00	500.00	0.00	500.00
10-40-441-830.05 HOWARD CTR FOR HUMAN SVCS	200.00	0.00	200.00	0.00	0.00
10-40-441-830.07 VISITING NURSE APPROP.	2,500.00	0.00	2,500.00	0.00	0.00
10-40-441-830.09 GREEN UP VERMONT	300.00	0.00	0.00	300.00	0.00

Account	Budget	Outstanding Encumbrance	Expenditures	Unencumbered Balance	FY-14/15 MTD Pd 4 Oct
10-40-441-830.11 MILTON FAMILY COMM CTR	5,375.00	0.00	5,375.00	0.00	0.00
10-40-441-830.17 ARROWHEAD SR. CITIZENS	7,000.00	0.00	7,000.00	0.00	0.00
10-40-441-830.18 CHAMPLAIN VALLEY AGENCY	5,000.00	0.00	5,000.00	0.00	0.00
10-40-441-830.21 ASSOCIATION FOR THE BLIND	250.00	0.00	250.00	0.00	0.00
10-40-441-830.24 WOMEN'S RAPE CRISIS CENTE	350.00	0.00	0.00	350.00	0.00
10-40-441-830.33 MILTON GRANGE	500.00	0.00	500.00	0.00	0.00
Total HEALTH OFFICER:	32,800.00	0.00	22,063.07	10,736.93	868.20
Total HEALTH EDUCATION WELFARE	32,800.00	0.00	22,063.07	10,736.93	868.20
10-50 CULTURE					
10-50-451 LIBRARY					
10-50-451-110.00 REGULAR SALARIES	90,403.00	0.00	24,423.35	65,979.65	6,664.58
10-50-451-115.00 PART TIME SALARIES	40,044.00	0.00	14,972.98	25,071.02	2,748.37
10-50-451-115.10 PARTTIME SAL BOOKMOBILE	3,585.00	0.00	1,649.08	1,935.92	240.96
10-50-451-210.10 GROUP HEALTH INSURANCE	25,531.00	0.00	6,147.28	19,383.72	1,762.48
10-50-451-210.15 GROUP DENTAL INSURANCE	3,046.00	0.00	532.40	2,513.60	133.10
10-50-451-210.30 GROUP LIFE INS & AD&D	401.00	0.00	73.28	327.72	0.00
10-50-451-220.00 SOCIAL SECURITY	10,253.00	0.00	3,137.26	7,115.74	738.46
10-50-451-230.00 EMPLOYEE RETIREMENT	5,497.00	0.00	1,713.63	3,783.37	446.55
10-50-451-310.00 OFFICIAL/ADMINISTRATIVE	8,300.00	0.00	1,972.96	6,327.04	127.72
10-50-451-330.00 OTHER PROFESSIONAL SERV.	275.00	0.00	0.00	275.00	0.00
10-50-451-330.10 PROFESSIONAL PROGRAMS	1,800.00	0.00	50.00	1,750.00	50.00
10-50-451-530.10 COMMUNICATIONS-TELEPHONE	165.00	0.00	16.17	148.83	4.03
10-50-451-530.20 COMMUNICATIONS-OTHER	420.00	0.00	60.00	360.00	0.00
10-50-451-540.00 ADVERTISING	350.00	0.00	0.00	350.00	0.00
10-50-451-550.00 PRINTING AND BINDING	500.00	0.00	12.00	488.00	0.00
10-50-451-580.00 TRAVEL	1,200.00	0.00	89.72	1,110.28	89.72
10-50-451-610.00 POSTAGE	2,600.00	0.00	894.74	1,705.26	226.92
10-50-451-611.00 OFFICE SUPPLIES	5,000.00	74.86	425.14	4,500.00	0.00
10-50-451-612.00 GENERAL SUPPLIES	800.00	0.00	157.22	642.78	0.00
10-50-451-640.10 BOOKS-ADULTS	8,500.00	58.40	2,042.26	6,399.34	619.31
10-50-451-640.15 AUDIOS	6,000.00	248.08	1,023.82	4,728.10	357.46
10-50-451-640.25 BOOKS-CHILDRENS	7,300.00	800.00	850.94	5,649.06	39.78
10-50-451-640.30 BOOKS-JUVENILE	6,600.00	741.16	552.74	5,306.10	23.58
10-50-451-640.35 BOOKS-LARGE PRINT	4,000.00	0.00	916.77	3,083.23	211.16
10-50-451-640.40 PERIODICALS	4,400.00	0.00	3,025.37	1,374.63	0.00
10-50-451-640.45 BOOKS-REFERENCE	500.00	0.00	0.00	500.00	0.00
10-50-451-640.50 VIDEOS	4,000.00	391.33	572.68	3,035.99	65.97
10-50-451-740.00 MACHINERY & EQUIPMENT	1,000.00	0.00	0.00	1,000.00	0.00
10-50-451-743.00 FURNITURE & FIXTURES	400.00	0.00	176.25	223.75	0.00
10-50-451-810.00 DUES AND FEES	700.00	0.00	50.00	650.00	50.00
10-50-451-820.00 PROFESSIONAL DEVELOPMENT	568.00	0.00	0.00	568.00	0.00
Total LIBRARY	244,138.00	2,313.83	65,538.04	176,286.13	14,600.15
10-50-452 RECREATION:					
10-50-452-110.00 REGULAR SALARIES	47,975.00	0.00	16,005.35	31,969.65	3,674.80
10-50-452-120.00 TEMPORARY EMPLOYEES	10,500.00	0.00	9,254.47	1,245.53	0.00

Account	Budget	Outstanding Encumbrance	Expenditures	Unencumbered Balance	FY-14/15 MTD Pd 4 Oct
10-50-452-210.10 Group Health Insurance	11,064.00	0.00	4,558.14	6,505.86	-17.95
10-50-452-210.15 Group Dental Insurance	1,142.00	0.00	0.00	1,142.00	0.00
10-50-452-210.30 Group Life & AD&D	57.00	0.00	0.00	57.00	0.00
10-50-452-220.00 SOCIAL SECURITY	4,473.00	0.00	1,824.69	2,648.31	257.08
10-50-452-230.00 RETIREMENT	1,654.00	0.00	955.78	698.22	234.00
10-50-452-442.00 RENTAL OF EQUIPMENT	6,000.00	200.00	2,170.00	3,630.00	120.00
10-50-452-530.10 COMMUNICATIONS-TELEPHONE	150.00	0.00	16.17	133.83	4.03
10-50-452-540.00 ADVERTISING	600.00	0.00	0.00	600.00	0.00
10-50-452-550.00 PRINTING & BINDING	5,300.00	0.00	1,748.00	3,552.00	0.00
10-50-452-580.00 TRAVEL	300.00	0.00	193.70	106.30	0.00
10-50-452-610.00 POSTAGE	200.00	0.00	28.58	171.42	7.72
10-50-452-611.00 OFFICE SUPPLIES	300.00	0.00	87.78	212.22	15.79
10-50-452-612.00 GENERAL SUPPLIES	600.00	0.00	0.00	600.00	0.00
10-50-452-613.00 TECHNOLOGY	1,464.00	0.00	0.00	1,464.00	0.00
10-50-452-650.00 UNIFORMS	100.00	0.00	0.00	100.00	0.00
10-50-452-740.00 MACHINERY AND EQUIPMENT	1,200.00	0.00	0.00	1,200.00	0.00
10-50-452-810.00 DUES & FEES	650.00	0.00	165.00	485.00	165.00
10-50-452-820.00 PROFESSIONAL DEVELOPMENT	500.00	0.00	195.00	305.00	0.00
10-50-452-830.02 BABE RUTH	500.00	0.00	500.00	0.00	0.00
10-50-452-830.04 LL BASEBALL & SOFTBALL	500.00	0.00	500.00	0.00	0.00
10-50-452-830.05 YOUTH SOCCER	500.00	0.00	500.00	0.00	0.00
10-50-452-830.06 DOWNHILL SKI CLUB	300.00	0.00	300.00	0.00	0.00
10-50-452-830.07 SWIMMING	1,000.00	0.00	480.00	520.00	0.00
10-50-452-830.10 MUSIC IN PARK	1,000.00	0.00	1,150.00	-150.00	0.00
10-50-452-830.12 OLDE FASHION FOURTH	3,500.00	0.00	3,500.00	0.00	0.00
10-50-452-830.14 MILTON YOUTH LACROSSE	500.00	0.00	500.00	0.00	0.00
10-50-452-830.16 TOWN EVENTS	2,000.00	189.00	9.28	1,801.72	9.28
10-50-452-831.00 REVENUE PROGRAMS	34,000.00	24,347.00	11,795.00	-2,142.00	2,625.00
10-50-452-831.05 From Rec Donations	0.00	0.00	574.68	-574.68	0.00
10-50-452-831.10 SCHOLARSHIP FR REV.PROG	2,000.00	560.00	795.00	645.00	0.00
10-50-452-832.00 GREAT ESCAPE PROGRAM	13,500.00	0.00	8,540.00	4,960.00	0.00
10-50-452-836.00 TOWN BAND	550.00	0.00	550.00	0.00	0.00
Total RECREATION:	154,079.00	25,296.00	66,896.62	61,886.38	7,094.75
Total CULTURE	398,217.00	27,609.83	132,434.66	238,172.51	21,694.90
10-60 ECONOMIC					
10-60-461 PLANNING					
10-60-461-110.00 REGULAR SALARIES	187,431.00	0.00	65,111.47	122,319.53	14,512.00
10-60-461-210.10 GROUP HEALTH INSURANCE	38,376.00	0.00	14,184.26	24,191.74	2,600.98
10-60-461-210.15 GROUP DENTAL INSURANCE	3,502.00	0.00	1,468.50	2,033.50	293.70
10-60-461-210.30 GROUP LIFE INS & AD&D	716.00	0.00	235.04	480.96	0.00
10-60-461-220.00 SOCIAL SECURITY	14,339.00	0.00	4,804.37	9,534.63	1,070.83
10-60-461-230.00 RETIREMENT CONTRIBUTION	9,550.00	0.00	3,714.98	5,835.02	828.32
10-60-461-341.00 RECORDING FEES	250.00	0.00	10.00	240.00	10.00
10-60-461-430.20 Trail Design and Construc	0.00	0.00	115.00	-115.00	0.00
10-60-461-530.10 COMMUNICATIONS-TELEPHONE	600.00	0.00	97.00	503.00	24.18
10-60-461-540.00 ADVERTISING	4,300.00	400.00	70.00	3,830.00	0.00
10-60-461-550.00 PRINTING & BINDING	500.00	0.00	395.27	104.73	309.13

Account	Budget	Outstanding Encumbrance	Expenditures	Unencumbered Balance	FY-14/15 MTD Pd 4 Oct
10-60-461-580.00 TRAVEL	300.00	0.00	305.22	-5.22	252.56
10-60-461-610.00 POSTAGE	1,700.00	0.00	527.75	1,172.25	280.87
10-60-461-611.00 OFFICE SUPPLIES	725.00	0.00	96.01	628.99	62.67
10-60-461-626.00 GASOLINE	860.00	0.00	132.36	727.64	27.14
10-60-461-640.00 BOOKS & PERIODICALS	200.00	0.00	0.00	200.00	0.00
10-60-461-740.00 MACHINERY/EQUIPMENT	2,500.00	0.00	0.00	2,500.00	0.00
10-60-461-805.00 CONSERVATION COMMISSION	600.00	10.00	65.00	525.00	0.00
10-60-461-810.00 DUES & FEES	7,000.00	0.00	6,793.00	207.00	0.00
10-60-461-820.00 PROFESSIONAL DEVELOPMENT	1,400.00	400.00	315.00	685.00	120.00
Total PLANNING	274,849.00	810.00	98,440.23	175,598.77	20,392.38
10-60-463 ECONOMIC DEVELOPMENT COMM					
10-60-463-540.00 ADVERTISING	50.00	0.00	0.00	50.00	0.00
10-60-463-550.00 PRINTING & BINDING	300.00	0.00	0.00	300.00	0.00
10-60-463-580.00 TRAVEL	370.00	0.00	0.00	370.00	0.00
10-60-463-610.00 POSTAGE	75.00	0.00	0.00	75.00	0.00
10-60-463-611.00 OFFICE SUPPLIES	100.00	0.00	0.00	100.00	0.00
10-60-463-640.00 BOOKS & PERIODICALS	30.00	0.00	0.00	30.00	0.00
10-60-463-810.00 DUES & FEES	10,270.00	0.00	300.00	9,970.00	300.00
10-60-463-820.00 PROFESSIONAL DEVELOPMENT	1,040.00	0.00	14.00	1,026.00	0.00
10-60-463-830.32 MILTON ARTISTS GUILD	500.00	0.00	500.00	0.00	0.00
Total ECONOMIC DEVELOPMENT COMM	12,735.00	0.00	814.00	11,921.00	300.00
Total ECONOMIC	287,584.00	810.00	99,254.23	187,519.77	20,692.38
10-70-470 DEBT SERVICE					
10-70-470-910.10 MUNICIPAL BUILDING	40,000.00	0.00	0.00	40,000.00	0.00
10-70-470-910.12 LIBRARY EXPANSION-PRIN	85,000.00	0.00	0.00	85,000.00	0.00
10-70-470-910.13 MAIN ST. STORMWATER PRIN.	11,750.00	0.00	0.00	11,750.00	0.00
10-70-470-910.15 FIRE STATION	40,000.00	0.00	0.00	40,000.00	0.00
10-70-470-910.20 RESCUE AMBULANCE	35,085.00	0.00	0.00	35,085.00	0.00
10-70-470-910.23 2-Tandem Axle/1 Single Ax	0.00	0.00	10,751.61	-10,751.61	0.00
10-70-470-910.25 Tower Truck Bond	45,000.00	0.00	0.00	45,000.00	0.00
10-70-470-911.10 MUNICIPAL BUILDING	5,850.00	0.00	0.00	5,850.00	0.00
10-70-470-911.12 LIBRARY EXPANSION-INT	38,565.00	0.00	0.00	38,565.00	0.00
10-70-470-911.13 MAIN ST STORMWATER INT	4,703.00	0.00	0.00	4,703.00	0.00
10-70-470-911.15 FIRE STATION	10,459.00	0.00	0.00	10,459.00	0.00
10-70-470-911.20 AMBULANCE INTEREST	1,766.00	0.00	0.00	1,766.00	0.00
10-70-470-911.25 Tower Truck Interest	14,095.00	0.00	0.00	14,095.00	0.00
Total DEBT SERVICE	332,273.00	0.00	10,751.61	321,521.39	0.00
10-80 OPERATING TRANSFER OUT					
Total OPERATING TRANSFER OUT	0.00	0.00	0.00	0.00	0.00
10-90-491 CAPITAL IMPROVEMENTS					
10-90-491-700.00 CAPITAL IMPROVEMENTS	475,345.00	0.00	97,916.68	377,428.32	24,479.17

Account	Budget	Outstanding Encumbrance	Expenditures	Unencumbered Balance	FY-14/15 MTD Pd 4 Oct
Total CAPITAL IMPROVEMENTS	475,345.00	0.00	97,916.68	377,428.32	24,479.17
Total GENERAL FUND	7,260,341.00	315,132.14	2,110,200.42	4,835,008.44	427,915.87
Total IMPACT FEES FUND	0.00	0.00	0.00	0.00	0.00
Total REAPPRAISEL FUND	0.00	0.00	0.00	0.00	0.00
22 FUND 22					
Total FUND 22	0.00	0.00	0.00	0.00	0.00
Total BIKE PATH & MULTI MODAL	0.00	0.00	0.00	0.00	0.00
23 MUN RECORDS RESERVE FD					
23-00-000-491.00 OPERATING TRANSFER OUT	0.00	0.00	2,400.19	-2,400.19	0.00
23-10-412-340.00 TECHNICAL	0.00	0.00	1,192.00	-1,192.00	0.00
23-10-412-740.00 MACHINERY & EQUIPMENT	0.00	7,375.00	20,425.00	-27,800.00	20,425.00
Total MUN RECORDS RESERVE FD	0.00	7,375.00	24,017.19	-31,392.19	20,425.00
Total RESTORATION OF RECORDS	0.00	7,375.00	24,017.19	-31,392.19	20,425.00
Total DEVELOPMENT ESCROW ACCTS	0.00	0.00	0.00	0.00	0.00
25-00-000-330.00 OTHER PROFESSIONAL SERVIC	0.00	0.00	375.00	-375.00	375.00
25-00-000-491.00 OPERATING TRANSFER OUT	0.00	0.00	43,250.00	-43,250.00	43,250.00
Total TIF INCREMENTAL FINANCING	0.00	0.00	43,625.00	-43,625.00	43,625.00
Total POLICE EQUITABLE SHARING	0.00	0.00	0.00	0.00	0.00
27-00-000-391.20 Alogonquin Reef Intersect	0.00	0.00	5,940.00	-5,940.00	0.00
27-00-000-391.30 Everest Road Reconstructi	0.00	0.00	13,410.00	-13,410.00	2,980.00
Total ROAD RESTORATION/SW MAINT	0.00	0.00	19,350.00	-19,350.00	2,980.00
30-50-452-740.50 Recreation Capital Expens	0.00	0.00	194.46	-194.46	0.00
Total GRANT FUND	0.00	0.00	194.46	-194.46	0.00
Total LIBRARY FREEMAN GRANT	0.00	0.00	0.00	0.00	0.00
38-10 GENERAL GOVERNMENT					

TOWN OF MILTON General Ledger
Expenditure Report - CAPITAL RESERVE FUND
Current Year Period 4 Oct

Account	Budget	Outstanding Encumbrance	Expenditures	Unencumbered Balance	FY-14/15 MTD Pd 4 Oct
38-10-417-740.00 SERVER REPLACEMENT	0.00	0.00	9,999.00	-9,999.00	3,000.00
38-10-421-450.00 Capital Purchases-Fire	0.00	16,180.32	0.00	-16,180.32	0.00
Total GENERAL GOVERNMENT	0.00	16,180.32	9,999.00	-26,179.32	3,000.00
38-20 PUBLIC SAFETY					
38-20-420-742.00 VEHICLES - POLICE	0.00	42,941.00	23,879.30	-66,820.30	22,925.90
Total PUBLIC SAFETY	0.00	42,941.00	23,879.30	-66,820.30	22,925.90
38-30 PUBLIC WORKS					
38-30-429-300.00 2014 Chev Silverado	0.00	0.00	26,098.00	-26,098.00	0.00
38-30-429-330.20 PW FACILITY RECREATION DE	0.00	0.00	9,269.48	-9,269.48	4,234.10
38-30-430-450.24 Cherry Street Sidewalk	0.00	0.00	1,272.00	-1,272.00	212.00
38-30-430-450.25 McMullen Road Sidewalk	0.00	0.00	5,861.00	-5,861.00	544.00
38-30-430-450.26 Alogonquin Reef Intersect	0.00	0.00	3,960.00	-3,960.00	3,960.00
38-30-430-450.27 Milton Sidewalk Scoping	0.00	0.00	2,296.83	-2,296.83	1,399.58
38-30-430-460.00 East Road - Bridge #6	0.00	0.00	16,914.45	-16,914.45	0.00
38-30-430-500.00 Beebe Hill Slope Failure	0.00	1,023.59	8,213.50	-9,237.09	0.00
38-30-430-750.00 2014 Tandem Axle Freightl	0.00	0.00	161,317.00	-161,317.00	0.00
38-30-432-440.00 Facilities Plan Update	0.00	0.00	8,723.65	-8,723.65	3,186.14
38-30-432-740.05 Kubota L5460 Compact Trct	0.00	0.00	20,000.00	-20,000.00	20,000.00
38-30-432-740.10 2015 Chev Silverado 3500	0.00	0.00	35,488.00	-35,488.00	0.00
Total PUBLIC WORKS	0.00	1,023.59	299,413.91	-300,437.50	33,535.82
38-40-441-330.10 BRISSON PROPERTY	0.00	0.00	12,450.25	-12,450.25	0.00
38-50 CULTURE					
38-50-452-345.00 Rec Block House Repairs	0.00	0.00	4,680.00	-4,680.00	4,680.00
Total CULTURE	0.00	0.00	4,680.00	-4,680.00	4,680.00
38-60 COMMUNITY & ECONO. DEV.					
Total COMMUNITY & ECONO. DEV.	0.00	0.00	0.00	0.00	0.00
Total CAPITAL RESERVE FUND	0.00	60,144.91	350,422.46	-410,567.37	64,141.72
50-10-410 WATER DEPARTMENT					
50-10-410-110.00 REGULAR SALARIES	130,117.00	0.00	33,480.36	96,636.64	7,739.22
50-10-410-130.00 OVERTIME SALARIES	3,500.00	0.00	1,959.00	1,541.00	1,111.36
50-10-410-150.00 INSURANCE BUYOUT	7,000.00	0.00	2,333.36	4,666.64	583.34
50-10-410-210.10 GROUP HEALTH INSURANCE	21,066.00	0.00	3,579.25	17,486.75	534.75
50-10-410-210.11 HRA CONTRIBUTION	6,906.00	0.00	0.00	6,906.00	0.00
50-10-410-210.15 GROUP DENTAL INSURANCE	3,256.00	0.00	576.15	2,679.85	115.23
50-10-410-210.20 GROUP LTD/STD/VISION INS	1,121.00	0.00	408.44	712.56	73.36
50-10-410-210.30 GROUP LIFE INS & AD&D	457.00	0.00	92.28	364.72	0.00
50-10-410-220.00 SOCIAL SECURITY	11,654.00	0.00	2,848.74	8,805.26	711.24
50-10-410-230.00 RETIREMENT CONTRIBUTION	7,353.00	0.00	2,007.75	5,345.25	479.13
50-10-410-260.00 WORKERS COMPENSATION	6,000.00	0.00	3,931.00	2,069.00	0.00

Account	Budget	Outstanding Encumbrance	Expenditures	Unencumbered Balance	FY-14/15 MTD Pd 4 Oct
50-10-410-290.00 OTHER EMPLOYEE BENEFITS	705.00	268.52	247.96	188.52	0.00
50-10-410-310.00 OFFICIAL/ADMINISTRATIVE	158,769.00	0.00	0.00	158,769.00	0.00
50-10-410-340.00 TECHNICAL SERVICES	3,125.00	384.00	0.00	2,741.00	0.00
50-10-410-411.00 WATER/SEWER	187.00	0.00	100.05	86.95	39.80
50-10-410-411.10 WATER PURCHASE CWD	353,358.00	0.00	138,065.97	215,292.03	42,158.67
50-10-410-421.00 DISPOSAL & REFUSE	420.00	0.00	96.00	324.00	32.00
50-10-410-430.00 REPAIR & MAINT.-FACILITY	1,500.00	0.00	0.00	1,500.00	0.00
50-10-410-430.10 VEHICLE REPAIR AND MAINT	1,350.00	0.00	221.48	1,128.52	81.88
50-10-410-430.15 EQUIPMENT REPAIR & MAINT.	3,000.00	0.00	0.00	3,000.00	0.00
50-10-410-442.00 RENTAL OF EQUIP & VEHICLE	450.00	50.00	0.00	400.00	0.00
50-10-410-450.00 CONSTRUCTION SERVICES	1,500.00	0.00	1,440.00	60.00	0.00
50-10-410-520.00 INSURANCE DEDUCTIBLE	500.00	0.00	0.00	500.00	0.00
50-10-410-520.10 GENERAL LIABILITY INURANC	1,200.00	0.00	588.00	612.00	0.00
50-10-410-520.20 VEHICLE INSURANCE	1,300.00	0.00	1,112.00	188.00	0.00
50-10-410-520.30 PROPERTY INSURANCE	1,600.00	0.00	818.00	782.00	0.00
50-10-410-530.10 COMMUNICATIONS-TELEPHONE	450.00	0.00	130.23	319.77	32.64
50-10-410-530.20 COMMUNICATIONS-OTHER	1,240.00	0.00	240.60	999.40	80.19
50-10-410-540.00 ADVERTISING	300.00	150.00	0.00	150.00	0.00
50-10-410-550.00 PRINTING AND BINDING	1,997.00	0.00	2,180.48	-183.48	0.00
50-10-410-580.00 TRAVEL	283.00	0.00	0.00	283.00	0.00
50-10-410-610.00 POSTAGE	155.00	0.00	3.34	151.66	0.00
50-10-410-611.00 OFFICE SUPPLIES	433.00	0.00	40.95	392.05	0.00
50-10-410-612.00 GENERAL SUPPLIES	10,695.00	3,086.12	3,702.92	3,905.96	566.41
50-10-410-612.10 WATER METERS	13,730.00	271.01	6,892.44	6,566.55	0.00
50-10-410-613.00 TECHNOLOGY	1,250.00	0.00	0.00	1,250.00	0.00
50-10-410-621.00 NATURAL GAS	4,000.00	0.00	1,533.81	2,466.19	1,533.81
50-10-410-622.00 ELECTRICITY	12,310.00	0.00	3,207.37	9,102.63	1,715.98
50-10-410-623.00 BOTTLED GAS	100.00	0.00	0.00	100.00	0.00
50-10-410-625.00 DIESEL FUEL	600.00	0.00	0.00	600.00	0.00
50-10-410-626.00 GASOLINE	3,125.00	0.00	633.94	2,491.06	127.25
50-10-410-640.00 BOOKS AND PERIODICALS	200.00	0.00	0.00	200.00	0.00
50-10-410-650.00 EMPLOYEE UNIFORMS	1,400.00	0.00	241.58	1,158.42	45.36
50-10-410-740.00 MACHINERY & EQUIPMENT	1,000.00	0.00	0.00	1,000.00	0.00
50-10-410-743.00 FURNITURE & FIXTURES	50.00	0.00	0.00	50.00	0.00
50-10-410-810.00 DUES AND FEES	825.00	0.00	41.50	783.50	0.00
50-10-410-820.00 PROFESSIONAL DEVELOPMENT	1,750.00	0.00	0.00	1,750.00	0.00
50-10-410-825.00 SMALL TOOLS	550.00	0.00	0.00	550.00	0.00
Total WATER DEPARTMENT	783,837.00	4,209.65	212,754.95	566,872.40	57,761.62
50-70-410-910.15 PLANT LINE & CONSTRUCTION	47,236.00	0.00	0.00	47,236.00	0.00
50-70-410-910.18 Water Dist Sys-Principle	25,958.00	0.00	0.00	25,958.00	0.00
50-70-410-910.19 Water System Rehab Princi	15,667.00	0.00	0.00	15,667.00	0.00
50-70-410-911.15 PLANT & LINE CONST INTER	19,445.00	0.00	0.00	19,445.00	0.00
50-70-410-911.18 Water Dist Sys-Interest	8,326.00	0.00	0.00	8,326.00	0.00
50-70-410-911.19 Water System Rehab-Intere	14,721.00	0.00	0.00	14,721.00	0.00
Total WATER FUND	915,190.00	4,209.65	212,754.95	698,225.40	57,761.62

55-20-420 SEWER DEPARTMENT:

Account	Budget	Outstanding Encumbrance	Expenditures	Unencumbered Balance	FY-14/15 MTD Pd 4 Oct
55-20-420-110.00 REGULAR SALARIES	147,846.00	0.00	39,293.30	108,552.70	9,278.28
55-20-420-130.00 OVERTIME SALARIES	7,000.00	0.00	2,763.65	4,236.35	540.48
55-20-420-150.00 INSURANCE BUYOUT	7,000.00	0.00	2,333.36	4,666.64	583.34
55-20-420-210.10 GROUP HEALTH INSURANCE	28,898.00	0.00	3,507.86	25,390.14	516.15
55-20-420-210.11 HRA CONTRIBUTION	9,669.00	0.00	0.00	9,669.00	0.00
55-20-420-210.15 GROUP DENTAL INSURANCE	3,574.00	0.00	576.15	2,997.85	115.23
55-20-420-210.20 GROUP LTS/STD/VISION INS	1,121.00	0.00	325.06	795.94	73.34
55-20-420-210.30 GROUP LIFE INS & AD&D	457.00	0.00	92.28	364.72	0.00
55-20-420-220.00 SOCIAL SECURITY	12,534.00	0.00	3,331.47	9,202.53	780.90
55-20-420-230.00 RETIREMENT	8,397.00	0.00	2,337.04	6,059.96	569.01
55-20-420-260.00 WORKER'S COMPENSATION	6,000.00	0.00	3,931.00	2,069.00	0.00
55-20-420-290.00 OTHER EMPLOYEE BENEFITS	705.00	268.52	140.00	296.48	0.00
55-20-420-310.00 OFFICIAL/ADMINISTRATIVE	158,779.00	0.00	0.00	158,779.00	0.00
55-20-420-340.00 TECHNICAL SERVICES	51,590.00	3,695.50	15,639.44	32,255.06	6,216.47
55-20-420-411.00 WATER/SEWER	3,500.00	0.00	490.76	3,009.24	258.46
55-20-420-421.00 DISPOSAL & REFUSE	6,000.00	0.00	1,507.95	4,492.05	501.83
55-20-420-430.00 REPAIR & MAINT.-FACILITY	8,000.00	1,349.44	340.00	6,310.56	0.00
55-20-420-430.10 VEHICLE REPAIR & MAINTENA	1,350.00	0.00	221.48	1,128.52	81.87
55-20-420-430.15 EQUIPMENT REPAIR & MAINT.	7,000.00	150.00	486.20	6,363.80	150.00
55-20-420-441.00 RENTAL OF LAND & BLDGS.	100.00	0.00	100.00	0.00	0.00
55-20-420-442.00 RENTAL OF EQUIP & VEHICLE	500.00	50.00	0.00	450.00	0.00
55-20-420-450.00 CONSTRUCTION SERVICES	25,000.00	0.00	0.00	25,000.00	0.00
55-20-420-520.00 INSURANCE DEDUCTIBLE	500.00	0.00	0.00	500.00	0.00
55-20-420-520.10 GENERAL LIABILITY INSURAN	2,500.00	0.00	1,149.50	1,350.50	0.00
55-20-420-520.20 VEHICLE INSURANCE	1,150.00	0.00	0.00	1,150.00	0.00
55-20-420-520.30 PROPERTY INSURANCE	9,500.00	0.00	5,517.50	3,982.50	0.00
55-20-420-530.10 COMMUNICATIONS-TELEPHONE	2,360.00	0.00	802.08	1,557.92	200.64
55-20-420-530.20 COMMUNICATIONS-OTHER	500.00	0.00	120.54	379.46	40.17
55-20-420-540.00 ADVERTISING	300.00	0.00	0.00	300.00	0.00
55-20-420-550.00 PRINTING & BINDING	500.00	0.00	0.00	500.00	0.00
55-20-420-580.00 TRAVEL	283.00	0.00	0.00	283.00	0.00
55-20-420-610.00 POSTAGE & MAILING	600.00	0.00	64.93	535.07	29.17
55-20-420-611.00 OFFICE SUPPLIES	433.00	0.00	40.95	392.05	0.00
55-20-420-612.00 GENERAL SUPPLIES	64,718.00	6,143.25	23,361.11	35,213.64	8,470.98
55-20-420-612.10 WATER METER PURCHASES	11,060.00	271.00	6,892.45	3,896.55	0.00
55-20-420-613.00 TECHNOLOGY	2,000.00	0.00	679.98	1,320.02	0.00
55-20-420-621.00 NATURAL GAS	13,405.00	0.00	737.58	12,667.42	258.84
55-20-420-622.00 ELECTRICITY	98,478.00	0.00	24,323.72	74,154.28	7,889.28
55-20-420-623.00 BOTTLED GAS	75.00	0.00	0.00	75.00	0.00
55-20-420-625.00 DIESEL FUEL	3,000.00	0.00	0.00	3,000.00	0.00
55-20-420-626.00 GASOLINE	3,120.00	0.00	633.97	2,486.03	127.26
55-20-420-640.00 BOOKS & PERIODICALS	200.00	0.00	211.50	-11.50	0.00
55-20-420-650.00 EMPLOYEE UNIFORMS	1,400.00	0.00	241.73	1,158.27	45.39
55-20-420-740.00 MACHINERY AND EQUIPMENT	3,000.00	260.00	0.00	2,740.00	0.00
55-20-420-743.00 FURNITURE & FIXTURES	50.00	0.00	0.00	50.00	0.00
55-20-420-810.00 DUES AND FEES	1,660.00	0.00	41.50	1,618.50	0.00
55-20-420-820.00 PROFESSIONAL DEVELOPMENT	1,750.00	360.00	0.00	1,390.00	0.00
55-20-420-825.00 SMALL TOOLS	550.00	0.00	0.00	550.00	0.00
Total SEWER DEPARTMENT:	718,112.00	12,547.71	142,236.04	563,328.25	36,727.09

Account	Budget	Outstanding Encumbrance	Expenditures	Unencumbered Balance	FY-14/15 MTD Pd 4 Oct

55-70-420 SEWER PRINCIPAL/INTEREST					
55-70-420-910.12 RF1-147-1 Village Core Se	120,176.00	0.00	0.00	120,176.00	0.00
55-70-420-910.15 WWTF SRF BOND	43,250.00	0.00	0.00	43,250.00	0.00
55-70-420-910.20 WWTF UPGRADE PLANT	258,208.00	0.00	0.00	258,208.00	0.00
55-70-420-910.25 VILLAGE CORE SEWER	6,000.00	0.00	0.00	6,000.00	0.00
55-70-420-911.15 RF1-147-1 Village Core In	54,898.00	0.00	0.00	54,898.00	0.00

Total SEWER PRINCIPAL/INTEREST	482,532.00	0.00	0.00	482,532.00	0.00

55-71 RF1-044 - ANR					

Total RF1-044 - ANR	0.00	0.00	0.00	0.00	0.00

55-72-720-911.25 Village Core Sewer-Intere	0.00	0.00	58,590.11	-58,590.11	58,590.11

Total SEWER FUND	1,200,644.00	12,547.71	200,826.15	987,270.14	95,317.20
=====					

Total HENRY BEERMAN TRUST	0.00	0.00	0.00	0.00	0.00
=====					

Total JANE HUNDEL TRUST	0.00	0.00	0.00	0.00	0.00
=====					

Total VILLAGE OF MILTON TRUST	0.00	0.00	0.00	0.00	0.00
=====					
Total All FUNDS	9,376,175.00	399,409.41	2,961,390.63	6,015,374.96	712,166.41
=====					

Annual Bond Principal and Semiannual Interest Payments

The Town of Milton Selectboard authorizes the Town Treasurer to pay \$355,254.91 in principal, interest and Federal Sequestration for the bonds previously sold by the Town of Milton in accordance with the attached invoices.

Reference #: VMBBMIL141 and Debra Rucker

Principal	\$60,000.00	Municipal Building	10-70-470-910.10
Interest	\$2,925.00	Municipal Building	10-70-470-911.10
Principal	\$47,236.45	Water Improvements	50-70-410-910.15
Interest	\$10,626.45	Water Improvements	50-70-410-911.15
Principle	\$85,000.00	Library Expansion	10-70-470-910.12
Interest	\$19,938.90	Library Expansion	10-70-470-911.12
Interest	\$1,210.50	Library Expansion Sequestration	10-70-470-911.12
Principle	\$40,000.00	Fire Station Bond	10-70-470-910.15
Interest	\$5,229.67	Fire Station Bond	10-70-470-911.15
Principle	\$45,000.00	Tower Truck	10-70-470-910.16
Interest	\$7,105.37	Tower Truck	10-70-470-911.16
Principle	\$15,666.67	Water System Rehab	50-70-410-910.19
Interest	\$7,421.16	Water System Rehab	50-70-410-911.19
Principle	\$6,000.00	Village Core Sewer	55-72-410-910.25
Interest	\$1,894.76	Village Core Sewer	55-72-410-911.25

Total \$355,254.91 to be paid to U.S. Bank, SDS 12-2302, P.O. Box 86, Minneapolis, MN 55486-2302.

Dated this _____ day of November 2014.

Darren Adams, Chair

John Gifford, Vice-Chair

John Bartlett, Clerk

Brenda Steady

Stuart King

October 1, 2014

Milton Town
 P.O.Box 18
 Milton, VT 05468

BORROWER KEY ID: VMBBMIL141

Vermont Municipal Bond Bank

ATTN: Manager

Pursuant to the Loan Agreement with respect to the below loan series, your debt service payment due on or before **November 15, 2014** has been revised due to the Federal Sequestration 2014 is as follows:

Loan Series	Refunded By	Interest	Principal	Credit	Federal Sequestration	Total Payment due
Series 1995-1	Series 2004-2	\$2,925.00	✓ \$60,000.00	\$0.00	\$0.00	\$62,925.00
-	Sereis 2010-5	\$19,938.88	✓ \$85,000.00	\$0.00	\$1,210.50	\$106,149.38
-	Series 2011-3	\$5,229.67	✓ \$40,000.00	\$0.00	\$0.00	\$45,229.67
2003-1	Series 2012-5	\$10,626.45	\$47,236.45	\$0.00	\$0.00	\$57,862.90
Series 2013-1	Series 2013-1	\$16,421.29	\$66,666.67	\$0.00	\$0.00	\$83,087.96
Totals:		\$55,141.29	\$298,903.12	\$0.00	\$1,210.50	\$355,254.91
Total Amount Due from Borrower:			\$355,254.91			

Remit check to: (must be received 7 business days prior to due date)

U. S. Bank
 SDS 12-2302
 PO Box 86
 Minneapolis, MN 55486-2302
(Please reference VMBBMIL141 and Debra Rucker)

If by Wire Instructions or ACH:

Bank: U. S. Bank N. A. - 60 Livingston St., Saint Paul, MN 55107
 Beneficiary: U. S. Bank Corporate Trust
 ABA #: 091-000-022
 A/C #: 173103321092
 OBI: TFM - Debra Rucker
 Ref: **VMBBMIL141**