



Vermont Department of Forests, Parks & Recreation

RECREATIONAL TRAILS PROGRAM (RTP)

2015 Grant Application



Application Due Date: February 2, 2015

Before completing this application, please read application instructions in the 2015 RTP Supplement, available at: <http://www.vtfpr.org/recgrant/applicationmaterials.cfm>

Application Submission Requirements:

- Send (1) electronic set of all application materials by February 2, 2015;
- Email the application completely with all materials attached;
- Send with a subject title “2015 RTP Application” to: sherry.winnie@state.vt.us

Ineligible projects and incomplete or late applications will not be considered.

Evaluation: Eligible applications will be scored by a ranking committee according to established criteria with points as noted in the application.

Please use the application instructions found in the 2015 RTP Supplement when completing this application: <http://www.vtfpr.org/recgrant/applicationmaterials.cfm>

Cover Sheet

Project Sponsor (Municipality or Non-Profit Organization): **Town of Milton, Vermont**

Project Contact Person/Position: Jacob Hemmerick, Town Planner

Contact's Telephone: 802.893.1186

E-mail: jhemmerick@town.milton.vt.us

Project/trail name: Town Forest Bove Connector Trail

Location (City/Town) where work will be done: Milton, Vermont

Who owns the property? Town of Milton, Vermont

Evaluation Criteria/ Scoring Points

Sections A-F define the criteria to which your application will be scored.
Answer each question in 250 words or less.

SECTION A: PROJECT SUMMARY, WORK PLAN & BUDGET (30 possible points)

A1. Project Summary/Project Narrative (0-10 points): Tell us why you are applying for a grant for this project. Write a short project description (not a work plan, but a summary). In it tell why this project is needed, how it improves recreational opportunities for the general public, and whether there is a crisis, emergency, or safety issue that makes this project urgent.

The Town proposes to redevelop an existing hiking trail in Milton's Town Forest (TF) by constructing a universally accessible, unpaved, multi-use (shared-use) path between an existing parking lot and a proposed wetland viewing platform.

The land on which trail is located was purchased by the Town in 2007 (with voter approval) to add strategic access to the previously landlocked TF. In 2008, the Town adopted a TF Management Plan for the responsible stewardship of the land, which was amended in 2011. (The Management Plan is based on citizen participation and professional recommendations made in two natural resource assessments commissioned by the Town.)

In 2012, the Town installed an 8-space parking lot and the subject trail, projects prioritized in the Plan. In 2013, stakeholders realized that the trail base could not sustain user demand, and the layout of the narrow lot restricts the possibility of trail relocation to better soil. That year, the Conservation Commission installed puncheons over the wettest segment as a short-term measure.

While TF Management Plan calls for a multi-use path on the subject trail to accommodate higher impact uses in Phase III (2018-2021), the Selectboard, Conservation Commission and Staff have identified this project as an urgent public need, because:

- (1) The subject trail provides the only access to the TF from a public right-of-way;
- (2) The current trail conditions accelerate trail and soil degradation and discourage visitation; and,
- (3) There are increasing recreational demands from Milton's steadily growing population of 10,000+.

A1-a Attach (2) Maps:

A “**general topographical location map**” to show where in your region the project is located in context of city/town; show trail, how to get to the trail with roads, show landowner/parcel boundaries;

Also attach a “**specific location map**”, marking the trail, the proposed project area, site details; start & end points & trailhead/parking area(s) to show what work will be done where on the trail.

A1-b Attach photos:

Photos can be utilized to show the existing conditions. Attach photos if you have them as addendums to the application.

A1-c Attach engineering plans/construction designs to be used, if applicable;

A-2. Work Plan (0-10 points): Clearly state what will be accomplished with the grant. Include both grant and match-funded activities. This should directly reflect your budget. Describe how and where work will be done. Provide the nature and extent of the Sponsor’s obligations. Be concise. Summarize tasks to be done, unambiguously. See examples and instructions in the supplement.

The Town of Milton proposes to construct a 5-foot wide, ADA accessible, unpaved, non-motorized, multi-use path 3,290 feet in length, as generally depicted on the map. Phase A = 1,760'; Phase B = 1,530'.

The work includes:

- (1) phase A, re-location of existing trailhead and corridor clearing through mature fir trees to rejoin existing trail (370'L x 5'W);
- (2) phase A: re-construction and widening of existing hiking trail (1310' L x 5'W);
- (3) phase A: construction of a boardwalk with sleeper log foundations (80'L x 5'W);
- (4) phase B: construction of railings on existing 30'L x 5'W footbridge (length inclusive in total above);
- (5) phase B: re-construction and widening of existing hiking trail Phase B (1,000' L x 5'W)
- (6) phase B: construction of new trail connecting existing trail to Milton Swamp viewpoint which may need a culvert (500'L x 5'W, length inclusive of viewing platform); and,
- (7) phase B: construction of a 600 square foot viewing platform and access boardwalk offering southeasterly views of 10-acres of open wetland;

The work also includes: clearing the corridor to a width of 8' and a height of 10', removing organic soil down to mineral soil, trimming roots, installing non-woven geotextile fabric, adding crushed 1.5" stone at a depth of 6 to 10", and surfacing the trail with 3-4" of fine, compacted surfacing with a 2% outslope.

General construction of the entire project will be performed by a hired contractor. Corridor clearing, surfacing, and platform construction will be assisted by the Conservation Commission, Town Staff, and local volunteers.

A-3. Attach Budget (0-10 points): Attach a budget form (found online) to your application. A Standard Budget Form is online @: <http://www.vtfpr.org/recgrant/applicationmaterials.cfm> Your budget will indicate to reviewers how well thought out and realistic your project is. Using the Budget form, provide a detailed breakdown of estimated labor and material costs to complete your project. Include only expenditures considered eligible under the RTP. Be thorough and accurate. Provide the basis for costs (i.e. wage/hour X number of hours). Attach any corroborating estimates, but do not enter into any contracts or go out to bid.

SECTION B: RECREATION BENEFITS (20 Possible Points)

B1. Improved Linkages/Livability (0-10 points): In what ways will this project develop or strengthen linkages & connections with other existing trails, or fill critical gaps within an existing trail/trail system. Describe ways users will have improved access to natural, scenic, historic & agricultural destination areas, parks, forests, recreation areas, schools, developed growth centers and/or designated downtown areas?

Connections are critically important because they expand user access and choice.

The subject trail and parking lot, installed in 2012, opened the Town Forest to school groups, Recreation Department programming, and the broader public for the first time. Unfortunately, wear and tear combined with slow draining soils is taking its toll, creating new barriers to access.

The proposed improvements will strengthen linkages and livability because:

- (1) The subject trail provides the critical link between the TF parking lot and the broader trail network, which totals more than 7 miles;
- (2) The trail will be ADA accessible, making the TF open to populations who otherwise have limited opportunities to recreate outdoors;
- (3) There are few comparable trails like it in nearby communities, making it a valued regional amenity;
- (4) The proposed trail will pass through four unique zones: an abandoned tree farm, an open meadow, mature hardwood forest, and a large open wetland. These transitions will provide a unique setting for natural resource interpretation and programming; and
- (5) The improvements will provide the foundational trail surface to phase in future, higher impact recreational uses, such as mountain biking.

The subject trail, in this case, offers access to several other remarkable viewpoints, including Milton Pond -- a 28-acre pond with undeveloped shoreline.

B2. User ability/User Benefits (0-10 points): Describe the range of trail users this project will serve; Tell how this project will improve access and capacity for people of various ages or abilities to use the trail? What are the desired benefits that will result for users from this project?

Trail registers anecdotally show that the TF primarily attracts visitors from Milton and nearby towns. Current users include: hikers, dog walkers, trail runners, snowshoers, skiers, mountain bikers, picnickers and anglers. The trail wear suggests steady visitation year-round.

Unfortunately, the Town has received feedback that the severe muddiness of the subject trail discourages use many times of the year. This makes the TF a no-go destination for many groups and individuals, particularly those with reduced abilities, such as: children gaining coordination, the disabled, and seniors seeking to remain active despite physical challenges.

The proposed trail improvements will address the sections most in need of repair and provide a significantly more accessible space for most ages and abilities -- while also providing a beautiful wetland destination.

The improvements will help better accommodate current non-motorized recreational uses on the TF's busiest trail (including: hiking, running, walking, snowshoeing, and XC skiing) and make additional opportunities for planned uses (such as mountain biking).

Interpretive signs and rest benches are not included with this proposal, but the CC identifies these as priorities.

SECTION C: MANAGEMENT CONSIDERATIONS (30 possible points)

C1. Sustainable trails (0-10 points): What best practices in trail construction, trail maintenance or trail management will be used in this project to ensure sustainability, minimize environmental impact, and provide erosion control?

If awarded a grant, this project will be constructed by a contracted trail professional in the fall of 2015 and monitored by the Town's Planning and Public Works Departments as well as the Conservation Commissioners. Volunteer labor will be supplied by the Conservation Commission and other interested volunteers.

The Town will establish specific guidelines for best practices in sustainable trail construction in the bid documents, and will closely monitor the work to ensure that best practices are followed. Specifically, we will temporarily close the trail, limit the area of disturbance by heavy equipment, prevent waterway impact through erosion control measures, and restore vegetative cover after disturbance.

Because the proposal will require some State Permits (stream crossing, wetlands, etc.), we will work closely with State Permitting Specialists to ensure that these particularly ecologically sensitive portions of the project is designed and built in a manner consistent with State regulations and best practices.

C2. Future maintenance (0-10 points): Describe the degree of commitment to continue operation and maintenance of the trail(s) in this project after the project is completed. What provisions of financial, community & organizational support are in place for future trail maintenance and general upkeep to ensure the useful life of this project? Attach any relevant letters signed, dated and on letterhead or plans referencing agreed upon efforts approved by the land owner and/or trail managing entity. If on a town right-of-way, attach a letter from Town Select Board Chair or maintenance plan agreed upon by the Town;

In cooperation with Town Staff, the Milton Conservation Commission (CC) stewards natural areas and is charged with orchestrating trail maintenance at the Town Forest. The following plan applies to the proposed trail:

-Seasonal/Monthly: The trail will be monitored by a member(s) of the CC and Town Staff. As required, debris will be removed from the trail corridor. Plant growth encroaching into the 5-foot wide trail corridor will be clipped back. The Milton Public Works (PW) Department will be notified of any fallen trees obstructing the path that will require removal. The condition of the crushed stone surface layer will be monitored for erosion and material will be made available for any necessary spot repair work.

-Five - Ten Years: Surface- and melt-water runoff will be monitored closely by the CC to determine how the trail is wearing over time. The trail surface will be regularly checked and repaired as necessary.

Drainage conditions along the sides of the trail will be monitored to ensure surface water is directed away from the trail in order to minimize any effects of erosion. The boardwalk will be monitored for deterioration and replaced as necessary. Material and labor will be made available by the PW Department for any necessary repair work. Refer to letters of support in the appendix.

C3. Promoting stewardship (0-10 points): What measures are proposed or are in place to make the public more aware of trail opportunities, user-responsibilities, resource protection, landowner respect, trail-user relations, safe trail use and future stewardship opportunities? Describe how any youth groups or youth corps will be engaged in the project.

The TF Management Plan is based upon several professional natural resource assessments that identify uses that are suitable to this location. The Milton Conservation Commission will undertake the following stewardship activities with Staff support.

-In Progress/Ongoing: Finalize an updated Trail Map and Brochure with approved uses & guidelines; Continue to develop contact and volunteer list; Issue periodic Conservation Commission newsletter with Town Forest updates and volunteer opportunities (at least twice annual); Continue to maintain an informative website with Town Forest information (<http://miltonvt.org/government/boards/conservation.html>); Continue to host at least 2 recreational and interpretive walks in the Town Forest open to the public; Continue to periodically promote the Town Forest through social media; Maintain up-to-date kiosk signage on approved uses.

-Proposed: Install Vermont Trail Ethic Signage at trailhead; Reach out to the School Service Learning Coordinator to develop volunteer trail maintenance projects with students; Reach out to Eagle Scouts leaders to request that Scouts consider service project in the Town Forest; Host an annual Town Forest Trail volunteer day to perform trail maintenance; Improve way-finding signage in the TF.

SECTION D: COLLABORATION & LOCAL SUPPORT (20 possible points)

D1. Local support & involvement (0-10 points): Describe local citizen and community involvement in the proposed project. Also tell what commitments of labor, money, or materials to support the proposed project have been made by the municipality, community, public agency/ies or any non-profit group. Attach up to 3 letters of support, on letterhead and dated, as evidence of community involvement or support. Do not attach support letters from contractors or youth corps organizations who may be doing work on the project.

This particular access to the Town Forest has had continued support for 10 years. For instance, Milton voters supported the purchase of the land where this trail is located.

The Town Forest Management Plan, which identifies this project as a priority, underwent several public hearings with robust public and professional participation.

Milton voters also approved a 1/2 cent for recreation levy in 2013, which is the primary source of revenue for the Town's match and has been designated for this purpose in Milton's Capital Improvement Plan.

The Association of Vermont Conservation Commissions supported the proposed project by helping to fund the design of "Phase A" through their Tiny Grant program.

The Conservation Commission held several public meetings as well as a site visit discussing the proposal, this site visit was attended by an abutting property owner.

The Town will contribute \$15,000 cash match to the project.

The Town will donate 20 staff hours for construction oversight.

The Town will donate 10 staff hours for grant financial administration.

The Conservation Commission is committed to donating 100 hours in volunteer labor.

The Town will provide ongoing maintenance for the site.

The Town's Planning documents define this trail as a priority for future interpretive signs.

D2. Meeting town & regional goals (0-10 points): Tell how this project helps achieve a priority, goal and/or objective in the Town Plan. Include the town's recreation plan or forest management plan (if in a town forest) and the Regional Planning Commission's regional plan.

The proposed project is identified in the Town Forest Management Plan Recreational Activities and Trails Goal 2.d.i, which states, "Make improvements to the Bove Property main trail to allow for horseback riding and mountain biking and designate trails for these uses in the Municipal Forest." Full disclosure: horseback riding and mountain biking will remain restricted uses until 2018, and the CC intends to discuss these uses and their compatibility with a universally accessible trail from which possible amendments to the Plan could result. This proposal is also consistent with several goals of the Town's Comprehensive Plan: Goal 3.3.5: The Town should utilize its geographic location and natural resources to effectively market the Town and attract visitors [. . .]; Goal 4.4.2: Promote public awareness of the benefits of multi-use pathways; Goal 4.4.6: Seek outside funding sources to help pay for feasibility studies, scoping studies and construction of prioritized pathways; Goal 7.6: Pursue multi-use recreation paths in Milton.

SECTION E: PROJECT READINESS & COST EFFECTIVENESS (10 possible points)

E1. Project readiness & status of permits (0-10 points): In a sentence or two indicate the current status of the project listing any major planning that must still be accomplished before July 1, 2015. Attach a bulleted timeline to show how the project will be completed between July 1, 2015 and June 30, 2017.

There are two key elements that remain to be complete prior to being able construct.

- (1) State Permitting: The State Project Review sheet and associated contacts are attached.
- (2) The design work for Phase B, which is included in this grant proposal.

Please refer to the Project Timeline in Appendix E1.

E1-a Project Review Sheet & Status of Permits or clearances for this project:

Attach a Project Review Sheet (PRS), signed by a Permitting Specialist, from the Agency of Natural Resources Department of Environmental Conservation (DEC). The project work plan should be described in the PRS description.

Attach copies of any permits already in place for the project.

Attach good faith efforts of steps taken to obtain permits marked on the PRS.

Sponsors are responsible for contacting DEC and complying with all applicable requirements of DEC associated with this project.

The PRS provides a preliminary determination of what state, local & federal environmental permits or clearances this project may need. It lists agencies, departments & contact information for the Sponsor to follow up on. Download a PRS & contact a permit specialist from the website below to assist you: <http://www.anr.state.vt.us/dec/permits.htm>

Permits checked on the PRS are to help ensure your project will not impact rare, threatened & endangered species, protected wildlife habitat areas, rivers, streams, wetlands, archeological or historic resources, or negatively impact the environment.

SECTION F: SPECIAL CONSIDERATIONS (0-10 points) Grant reviewers will award up to ten bonus points for a complete and concise the grant application. It is important to be thorough, yet concise. Submit the application by the deadline with required attachments. Answers are to be no more than 250 words per question. Omit any text or other materials not requested.

All responses are no more than 250 words. Form was modified to accommodate responses prepared over 2 weeks by a sub-committee because the form allows, at most, 1,000 characters in fields.

G. General Project Sponsor (Applicant) Information

Only municipalities or non-profit organizations may apply for competitive RTP grants.

Check Sponsor type below:

Municipality (City, Town) Non-Profit Organization

Sponsor: Town of Milton

Sponsor's Mailing Address: 43 Bombardier Road

Town/City, Zip Code: Milton, VT 05468

Sponsor's fiscal year starts on 7/1 **and ends on** 6/30

Have you previously applied for Recreational Trails Program funding? Yes No

If so when? 2005, 2006, 2011 (To the best of our knowledge.)

Years Funded? 2011

Is the Sponsor a member of the Vermont Trails & Greenways Council?

Yes No

Is the proposed project part of developing or maintaining a trail that is part of the Vermont Trail System? Yes No

Will the proposed trail project link to a trail that is part of the Vermont Trail System?

Yes No

H. Primary Use, Use Types, Project Components:

1. Check below the project's primary use:

Non-motorized for a Single Use – primarily intended to benefit only one mode of nonmotorized recreational use, such as hiking only, cross-country skiing only, or equestrian only

Non-Motorized Diverse Use – primarily intended to benefit more than one mode of non-motorized recreational use, such as hiking and biking

Diverse Use or Multiple Use – including both motorized and non-motorized recreational uses intended to benefit both motorized and non-motorized users, such as equestrian use in summer and snowmobile use in winter;

Motorized Single Use: primarily intended to benefit only one mode of motorized recreational use

Motorized Diversified Use – primarily intended to benefit more than one mode of motorized recreational use, such as: snowmobile use in winter and ATV use in summer.

2. Project's intended trail use types: (check all that apply):

- | | | | |
|--|--|---|--|
| <input checked="" type="checkbox"/> Hiking | <input checked="" type="checkbox"/> Accessible Access | <input checked="" type="checkbox"/> Snowshoeing | <input checked="" type="checkbox"/> Interpretive |
| <input checked="" type="checkbox"/> Running/Walking | <input checked="" type="checkbox"/> Equestrian | <input type="checkbox"/> In-Line Skating | <input type="checkbox"/> ATV |
| <input checked="" type="checkbox"/> Biking | <input checked="" type="checkbox"/> Cross Country Skiing | <input type="checkbox"/> Snowmobiling | <input type="checkbox"/> Other OHV |
| <input type="checkbox"/> Paddling/Canoeing <input type="checkbox"/> Other: Click here to enter text. | | | |

Full disclosure: the CC will be evaluating equestrian use compatibility on this trail in 2015.

3. Project components: Check all that apply. Be sure the work plan & budget address all items checked.

- | | |
|--|--|
| <input type="checkbox"/> Construction of a new trail | <input checked="" type="checkbox"/> Relocation of a section of existing trail |
| <input checked="" type="checkbox"/> Construction of a new section of trail | <input checked="" type="checkbox"/> Major restoration of an existing trail |
| <input checked="" type="checkbox"/> Construction or rehabilitation of a trailside amenity (viewing platform) | <input checked="" type="checkbox"/> Trail/trail corridor maintenance or restoration |
| <input type="checkbox"/> Develop new trailhead facilities/parking | <input checked="" type="checkbox"/> Upgrade trail to meet multiple use standards |
| <input checked="" type="checkbox"/> Accessible features | <input type="checkbox"/> Signage and/or kiosks |
| <input checked="" type="checkbox"/> Bridge construction (railings only) | <input checked="" type="checkbox"/> New culverts/drainage along existing trails |
| <input type="checkbox"/> Acquisition of trail corridor easement | <input type="checkbox"/> Educational trail project or educational components (i.e., trail safety, public trail/trail user information) |

4. Describe how this project furthers a specific goal, strategy, desired condition, or addresses key findings in the **Vermont Trails and Greenways Plan** in Vermont's Statewide Comprehensive Outdoor Recreation Plan (SCORP), Appendix C, available on line@ <http://www.vtfpr.org/recgrant/trgrant.cfm> Please refer to Appendix H4.

I. LANDOWNER PERMISSION & PUBLIC ACCESS REQUIREMENTS:

Check all boxes applicable and attach what is required. List here any individual or entity other than the landowner holding any easement, right-of-way, or any interest on the property:

The proposed trail project is **to maintain existing public trails on private property:** Required written assurances: Sponsors must have written assurance from private landowner(s) that the landowner(s) will cooperate with the State, participate as necessary in activities proposed in this application, and provide public access for trail use(s) intended. Check this box to indicate the trail work being proposed is on trails already open and maintained for public use on privately owned property. Include a signed statement from the appropriate landowner or manager authorizing the project and ensuring "continuing public access". The sponsor must maintain the required written assurances from private landowners should a grant be awarded.

The proposed trail project is **to construct/develop new trails on privately owned property:** **Requires a trail easement:** If a project will take place on private land, you must provide an easement as a legally binding assurance for public access over the private property prior to the award. Attach a copy of the trail easement to this application as an addendum. There must be a

trail easement filed of record for any new trail construction, trail structures, trailside amenities or trailhead facilities on private land which ensures the recreational trail(s) on the privately owned land is and will be made accessible for public use(s) indicated on this application for at least a length of time consistent with the useful life of the investment being made.

The proposed trail project is to construct/develop or maintain trails **on public property** – Requires landowner and/or land managing/trail managing entity’s permission and assurance of continued public access: Attach a letter from the landowner and designated land manager or trail management agency verifying their approval to perform the activities proposed in this application and their permission and assurance the trail will be open and maintained for public use for the intended purposes in this application upon completion.

Entities proposing work and/or providing future trail maintenance on public land should enter into a separate agreement with the public landowner/agency(s) to undertake their work. Letter of public access assurance in Appendix I.

I-1. Will any work being proposed be done on any Vermont Class IV roads? Yes No
If yes, you must attach a fully executed “Class IV Town Road Resolution of Commitment from Municipality” form, found on the last page of this grant application.

I-2. Will this project change access to the Class IV road or town? Yes No If yes, how so?

J. Historic Preservation Survey

The following questions will be helpful in the Section 106 review. Any projects receiving RTP funding must be reviewed in compliance with Section 106 of the National Historic Preservation Act, so all applicants are expected to familiarize themselves with the Section 106 review process. If your project has already received a Section 106 review, attach the archeologist’s review and report to this application.

1. Will all proposed trail work be done within the existing trail corridor/existing trail?
 Yes No If “No”, explain what work will be done and how far outside the existing trail. Mark area on the site map, and attach photo if possible to show where work outside the existing trail is to be done. Trail relocation <150' from existing trail & 500' linear feet of a new section of trail. See map & photos.
2. Describe excavation involved in this project in terms of depth, width, length.
Excavation: 9 to 14" deep, 8' wide, for a length of 2,310'.
3. Describe any work involving a stream crossing, or leading directly to a river:
Trail will cross one stream over an existing footbridge constructed by the VYCC in 2013.
4. Will your project involve any bridge construction, rehabilitation or replacement?
Project involves the construction of railings on existing bridge for universal accessibility.

Yes No If so, describe the activity, length, width and weight capacity of bridge; Include depth and width of soil excavation, type of tools and equipment to be used:

The activity is railing installation. The bridge is 30' in length and 5' in width. The weight capacity is unknown. No excavation needed. Normal carpentry tools will be used.

5. Will the project include excavation of any depth in a floodplain, or within 100 feet of a wetland or within 200 feet of a river or stream? Yes No If yes, specify depth of excavation in their locations, and show on map:

Includes excavation within 100' of a wetland and 200' of stream. Stream buffer excavation depth is 9 to 14" leading up to footbridge. Wetland buffer disturbance unknown at this time, pending design and Wetland permitting.

6. Does this project involve any rehabilitation, demolition, removal, or use of a structure or building more than 50 years old? Yes No Unsure

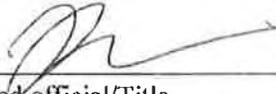
Assurances & Sponsor's Signature

The Sponsor shall assure that the recreational trail in this project shall remain open and available for public use consistent with the recreational trail purpose for the useful life of the investment. If the recreational trail ceases to remain open and available for public use for the useful life of the investment, the Sponsor shall be responsible for reimbursing the State and/or Federal funds to the State of Vermont.

The signature below indicates the sponsor's approval to submit this application to the Vermont Department of Forests, Parks & Recreation (FPR) for a federal Recreational Trails Program (RTP) grant for work proposed in this application, comply with RTP requirements and attests that the information in this application is true, accurate and complete. It is understood that in the event this project is to be funded, a grant agreement shall be prepared by FPR and the Sponsor and FPR must first sign the grant agreement in order for the grant to be authorized. A fully executed grant agreement, signed by FPR's Commissioner, will indicate final approval. Any work in this project started before project approval jeopardizes the grant.

Sponsor's Signature/Authorized Official Title and Date

Brian Palaia, Town Manager



7-22-15

Printed or typed name of authorized official/Title

APPENDIX INDEX

Appendix A1-a

General Topographical Map
Specific Location Map

Appendix A1-b

Photos

Appendix A1-c

Engineering Plans
Cost Estimates

Appendix A3

Budget

Appendix C2

Selectboard Resolution

Appendix D1

Conservation Commission Letter of Support
Town Manager Letter of Support
Milton Community Youth Coalition Letter of Support

Appendix D2

Town Forest Management Plan

Appendix E1

Project Timeline
State Project Review Sheet
Contacts with Permitting Officers

Appendix H4

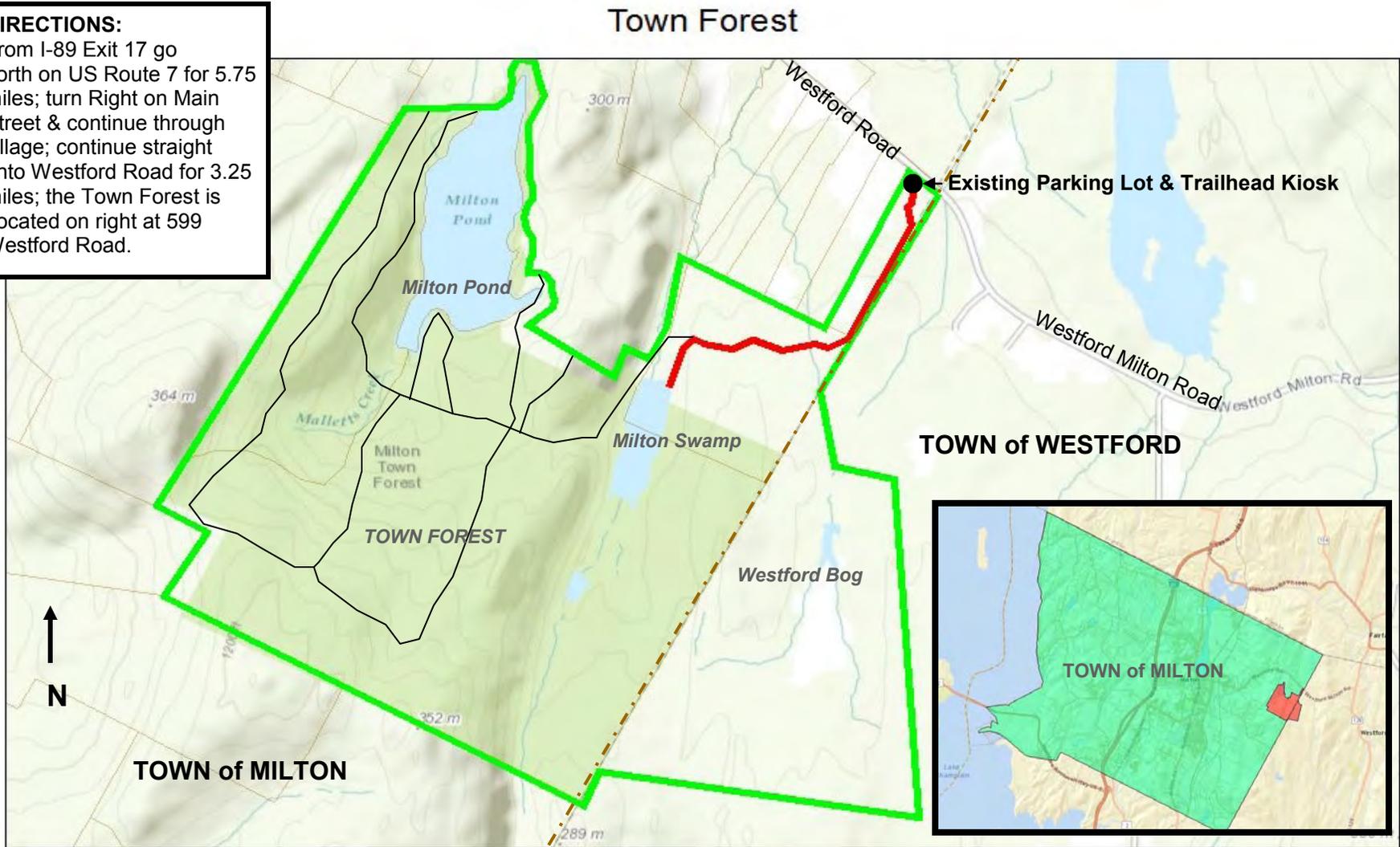
Furtherance of Vermont Trails and Greenways Plan

Appendix I

Assurance of Public Access

2015 Recreational Trails Program: General Topographical Location Map Milton Town Forest Bove Connector Trail Project

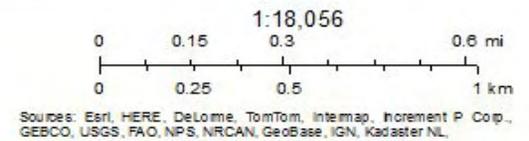
DIRECTIONS:
From I-89 Exit 17 go north on US Route 7 for 5.75 miles; turn Right on Main Street & continue through village; continue straight onto Westford Road for 3.25 miles; the Town Forest is Located on right at 599 Westford Road.



January 2, 2015

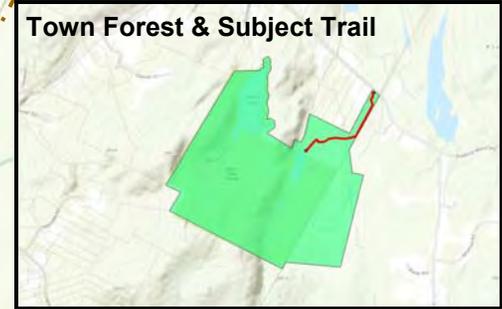
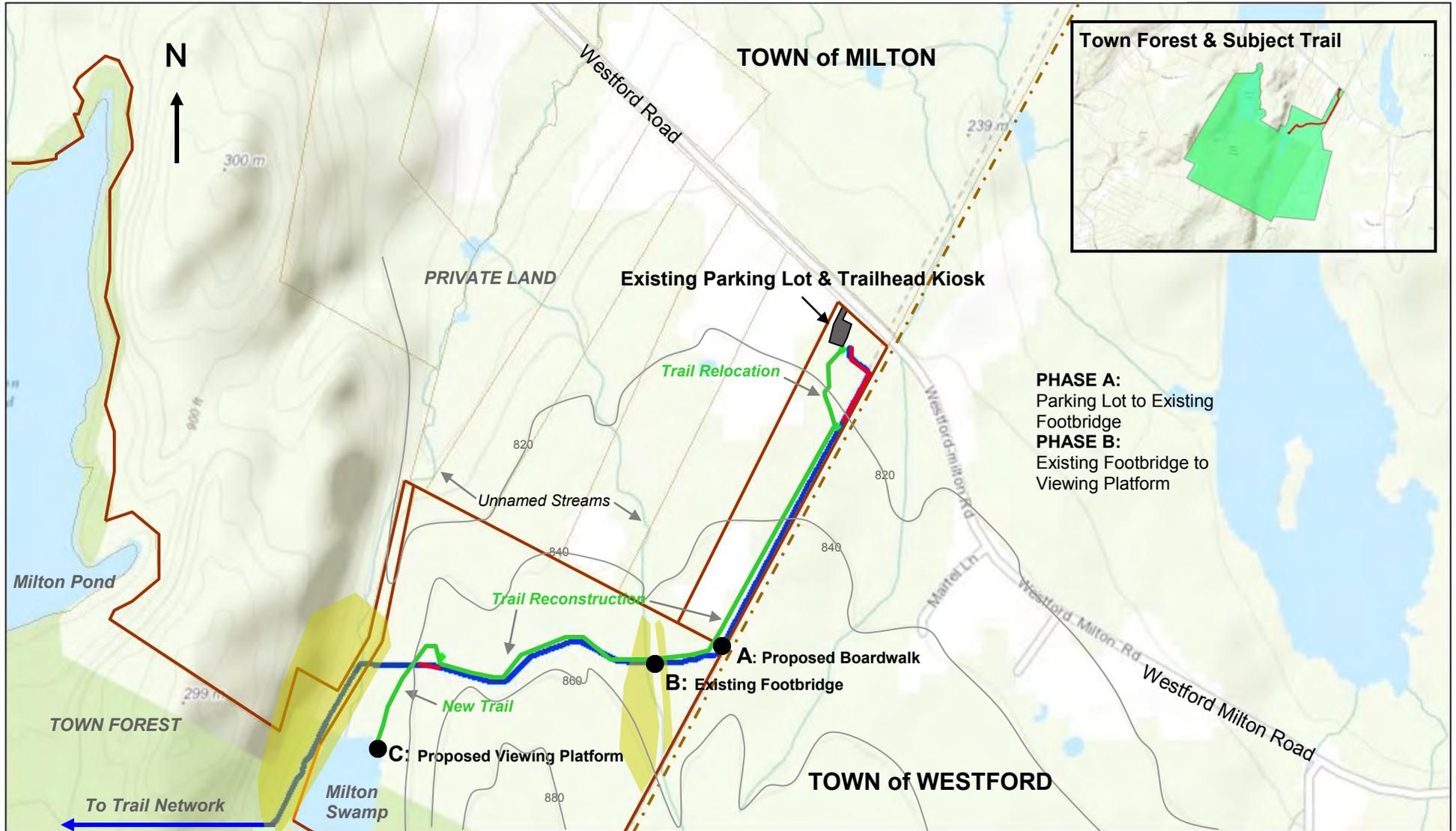
MAP LEGEND

- Milton Town Forest Boundaries
- Subject Trail: Bove Connector Trail
- - - Milton/Westford Town Line
- Tax Map Parcel Boundaries
- Other Town Forest Trails



2015 Recreational Trails Program: Specific Location Map

Milton Town Forest Bove Connector Trail Project



PHASE A:
Parking Lot to Existing Footbridge

PHASE B:
Existing Footbridge to Viewing Platform

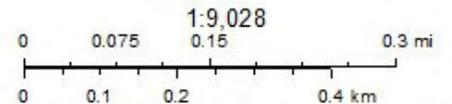
MAP LEGEND

- Existing Trail (Blue)
- Proposed Trail Improvements (Green)
- Proposed Closures of Existing Trail (Red)
- Milton/Westford Town Line
- Milton Town Forest Parcel Boundaries
- Milton Tax Map Parcel Boundaries

GPS Coordinates (at Parking Lot, 599 Westford Road)

Latitude: 44° 38' 8.203"
Longitude: 73° 2' 59.826"

- Contour Lines
- **A** Proposed Boardwalk (80'x5')
- **B** Existing Footbridge (30'X5')
- **C** Proposed Viewing Platform (600 square feet)
- Potentially Significant Archeologically Sensitive Areas



Sources: Esri, HERE, DeLorme, TomTom, Intermap, Increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community

Appendix A1-c : Milton Town Forest Trail Photos : History, Seasonal Photos & Challenges



Fall 2012: Initial trail clearing (looking south).



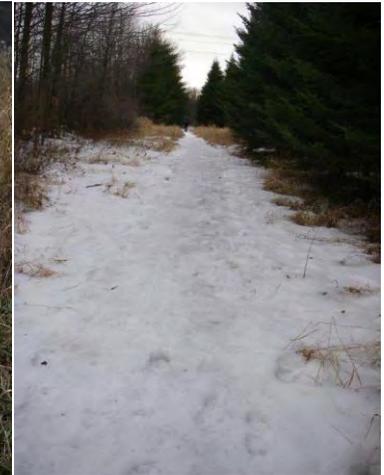
Spring 2013: First season of use (looking south). Note: The Conservation Commission [CC] posted a request that hikers not use the trail during mud season in 2014.



July 2013: Puncheons at trailhead. (The CC installed puncheons in the wettest segment of trail. The Town proposes to close this segment and relocate it to higher ground. The puncheons will be re-used.



Fall 2013: Trail immediately after a rainfall (looking south). Because the trail base is clay and the terrain flat, the surface drainage is slow.



Winter 2014: The subject trail shows steady use throughout winter and remains solid once frozen.



Spring 2014: Trail looking south from puncheons. The Town proposes to close this section of trail and relocate it to the right (west).



Spring 2014: Looking north towards field. This area is the proposed location for an 80'x5' boardwalk.



Summer 2014: Trail looking south towards edge of woods.



Fall 2014: Looking north. During dry periods, the trail looks like this.



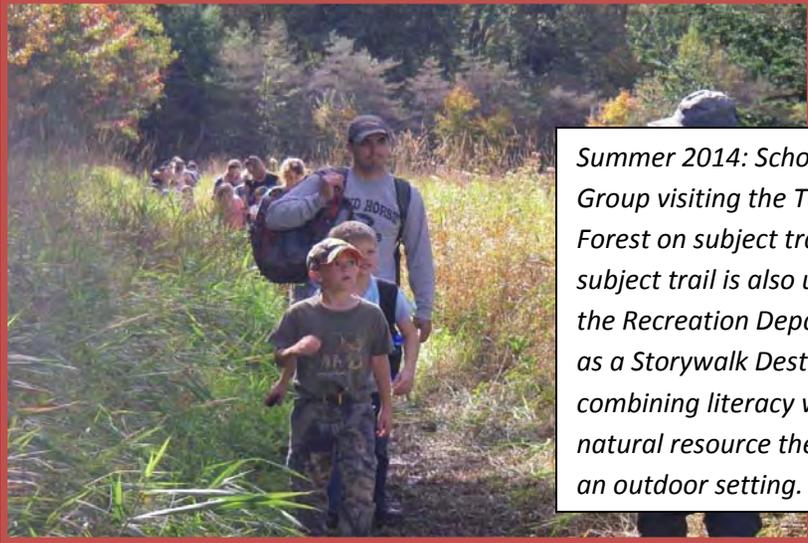
Summer 2014: Stream crossing and footbridge built by VYCC. Beyond the panhandle lot, the trail is in good condition and the terrain is forested and predominantly level.

Appendix A1-c : Milton Town Forest Trail Photos : Use & Destinations



While not visible from the subject trail, the Bove Trail provides access to Milton Pond, a 28-acre pond and the Town Forest's signature destination.

Trailhead & Kiosk. The proposal would re-route the trailhead to the right (west) of the kiosk.



Summer 2014: School Group visiting the Town Forest on subject trail. The subject trail is also used by the Recreation Department as a Storywalk Destination combining literacy with natural resource themes in an outdoor setting.

View of Milton Swamp looking south, slightly west of the proposed viewing platform site.



Appendix A1-c: Milton Town Forest Trail Photos : Segmented Walk



Westford Road



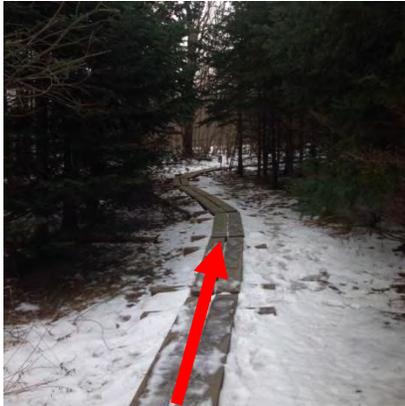
Parking Lot & Kiosk



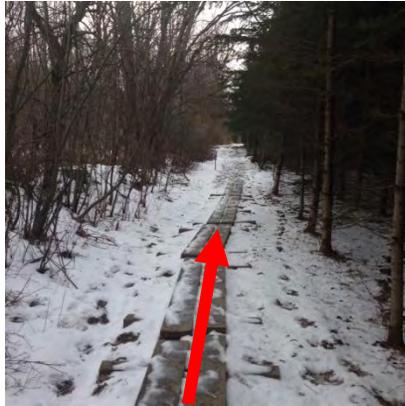
Kiosk Sign



Trailhead to Re-route



Puncheon Trail to Re-route



Puncheon Trail to Re-route



Re-route through Fir Trees



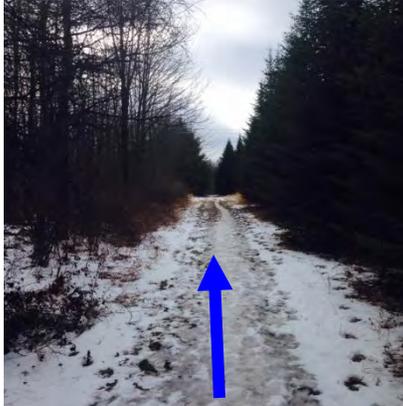
Re-Route



Re-Route



Re-Route



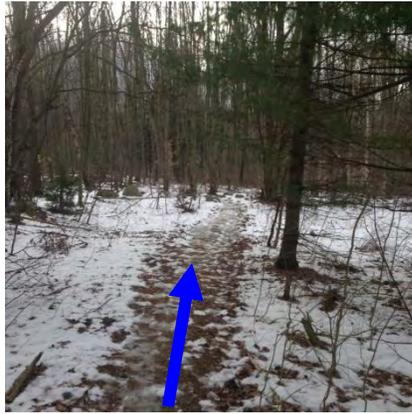
Junction w/ Existing Trail



Existing Trail & Meadow



Existing Trail



Proposed 80'x5' Boardwalk



Existing Trail



Existing Trail



Existing Trail



Existing Trail



Footbridge & Stream Crossing



Existing Trail



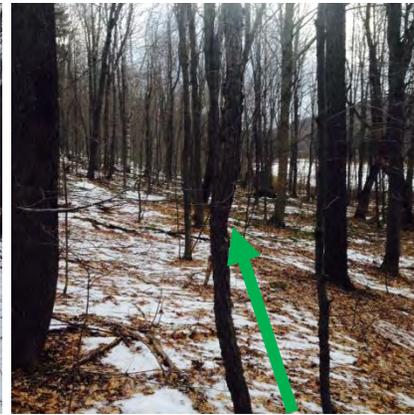
Existing Trail



New Trail



New Trail



New Trail



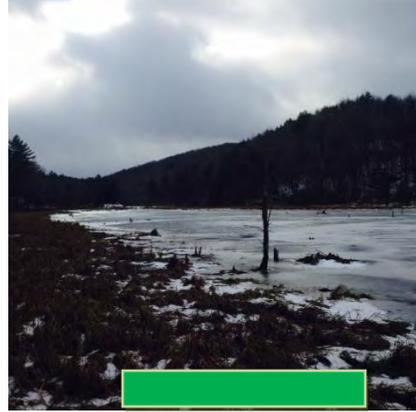
New Trail



New Trail



Proposed Boardwalk Approach



Proposed Viewing Platform

Appendix A1-c - Engineering Plans Cover Page

In the spring of 2014, the Conservation Commission received grant support from the Association of Vermont Conservation Commissioners to fund a design solution for the subject trail. The Town engaged Josh Ryan of Timber and Stone LLC to undertake the design and those engineering plans are attached to this application.

The readers should note that the design only covers Phase A (the first 1,760 linear feet of the proposed project from the parking lot to the footbridge). Phase B is an additional 1,530 linear feet (the footbridge to the Milton Swamp viewing platform). The design cost for Phase B of the trail design is included in the grant application, and therefore no engineering plans are included for Phase B.

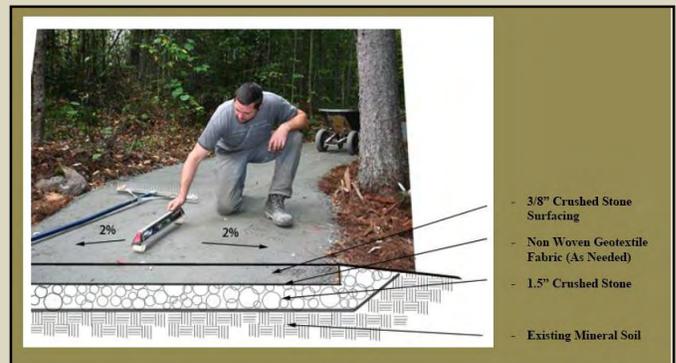
Timber and Stone presented two alternatives for Phase A. The Conservation Commission unanimously designated Option 2 as their preferred option, which was less expensive, involved less engineering, and was found to be more aesthetically pleasing.

The Engineering plans only include Option 2.



Milton Town Forest

Milton, VT



Multi-Use Accessible Trail Design

Prepared by:

Timber & Stone, LLC

December 9, 2014

Milton Town Forest

Multi-Use Accessible Trail Design

Milton, VT

Introduction

The Milton Town Forest plays host to a myriad of trails that introduces visitors to classic New England forest structure. Much of the woods show signs of previous use including farming, pasture, and logging. The land is open to the public yearround and provides great recreation for a wide range of users.

Unfortunately, as is the case with many trails located on clay rich soils, the entrance trail located on what is known as the Bove Property is unsustainable and unusable during many portions of the year. The clay soils hold the moisture and standing water leading to a very wide trail corridor where people migrate to avoid the troublesome areas. This has led to a trail that is mostly enjoyed during dry seasons and is heavily damaged during the wet seasons.

In the fall of 2014, Timber & Stone, LLC visited the trail and met with the Conservation Commission. The trail leading from the parking lot to the bridge was analyzed with an eye towards improving its drainage and tread structure. In the end, it was determined that improving the trail by means of installing a crushed stone surfacing to allow for better drainage would be the best avenue for success. Given the gentle grades of the property and the need to install crushed stone surfacing, it was recommended to construct the trail to adhere to the Federal Guidelines for Accessibility in Outdoor Areas.

Once constructed, this trail will allow all users to access the upper fields and woods no matter their physical ability. The trail will be constructed to shed water, remain firm and compacted, and provide access for all visitors.

The following report summarizes the design aspects of the trail and explores the recommended construction specifications to be followed. There are two options to consider when upgrading the current trail alignment and condition:

- **Option 1** – Upgrade the existing trail layout by following the details outlined in the Option 1 Trail Log. This will involve removing the puncheon bridging and elevating the tread using crib walls and trail turnpiking. As explained in the trail log, drainage will be needed along the right side of the trail to capture water and funnel it under the tread with a culvert.
- **Option 2** – Relocate the trail through the dense stand of Balsam fir trees and reconnect with the existing trail at point 370' of the original trail alignment. This will involve heavy corridor clearing and benching of the trail into the topography. The cross slope is gentle and will result in a sustainable trail.

Both options are feasible for this project. There is, however, a difference in price as indicated in the attached project estimate. Considerations for choosing which option include the introduction of a trail into the adjacent

stand of trees, abandonment of the already impacted trail alignment, and constructing the trail to meet the needs of the seasonal mower.

Timber & Stone, LLC supports either option for the rehabilitation of the trail to be both accessible and sustainable. In the end, we encourage discussion by the Conservation Commission to determine what the local preference would be for the trail's alignment.

Accessible Trail Design

Some of the qualities of an Accessible Trail include gentle running grades, minimal cross slopes, and compacted trail surfacing. These factors work to allow wheelchairs to safely travel over the trail's tread.

The following table outlines the requirements for Running Grade of an Accessible trail. The trails of the Milton Town Forest were field tested to be less than 8%, with a majority of the trail being 5%.

Running Grade of Trail	Trail Length
0-5%	Trail can travel over any distance.
8.3%	Resting intervals required every 200 feet.
10%	Resting intervals required every 30 feet.
12%	Resting intervals required every 10 feet.

The following diagram depicts the appropriate outslope and a cross section of the trail structure.

The Use of This Document

This document is exceptionally field focused. The field work was conducted with an eye towards providing the reader with an ability to walk the trail and visualize what structures are needed and what they will look like. To use this document efficiently, please consider the following guidelines:

1. Use a Rolatape:

- This measuring wheel serves as a vital link to the trail log that documents each linear foot of the trail system. The rolatape guides the user of this document around the trail system. Please visit: <http://www.rolatape.com/> to learn more about this tool.

2. Trail Log Accuracy

- The Trail Log begins at set points along the trail system. Be sure to start the wheel at 00 while standing at the correct point described on the document.
- Each beginning and end point of the trail log is expected to change, depending on who is using the rolatape. Be prepared for the points to have a variance of 5-10 feet.
- The Trail Log cites reference points to help indicate where certain Design Directives are located. These reference points could change slightly over time due to the expected change of a forest's composition.

3. Analysis Sequence

- a) **Identify a Site:** Arrive at a proposed work site using the rolatape wheel.
- b) **Review the Reference Point:** The reference point identifies a local point that serves as an identifier that you are in the correct location.
- c) **Realize the Design Directive:** The directive will identify the proposed solution to the work site.
- d) **Check the Sitework Photopage:** Cross reference the photo number with the correct photo page for more detailed information on the work site.
- e) **Review the Construction Specification:** Most work sites have an associated Construction Specification. This letter (ie: A, B) relates to the attached documents that outline how to construct a crib wall or turnpike.

Conclusion

Once reconstructed, the Milton Town Forest Multi-Use Accessible Trail will serve as a magnet of use for the local community. Whereas users currently navigate around standing water, the reconstructed trail will serve all users and provide a clear and enjoyable path through the varied terrain. School groups will be more apt to visit the property as will users with limited mobility. All visitors will find an enjoyable path through a forest that tells a story of use and change.

Respectfully Submitted,

Joshua D. Ryan
Principal
Timber & Stone, LLC

Project: Milton Town Forest

Location: Milton, VT

Multi- Use Accessible Trail Design - Option 2

Begin	End	Length	Photo #	Reference Point	Design Directive	Construction Spec
0	0	0	1	Entrance to Trail		A
0	370	370		Trail Reroute	Relocate trail through abandoned tree farm, clear corridor, bench trail and install surfacing at 5' wide	A, D
370	590	220	5		Bench trail into slope, elevate tread to maintain drainage on right side of trail, trail width at 5'	A
590	935	345	6	Edge of Field	Bench trail, install 1/2" crushed stone under trail surfacing for drainage	A
935	1350	415	7	Field	Bench trail, install 1/2" crushed stone under trail surfacing for drainage	A
1350	1430	80	8	Low spot in alignment with small step stones	Remove step stones, install 5' wide boardwalk with sleeper log foundations	D,F
1430	1460	30	9	Stone wall crossing	Remove stones to provide a 5' wide entrance, remain character of stonewall intact	A,D
1460	1515	55	10,11	End of stonewall, near White birch	Bench trail by removing organic layer, trim roots, and install surfacing	A

Begin	End	Length	Photo #	Reference Point	Design Directive	Construction Spec
1515	1610	95	12	Red maple in trail alignment	Align trail to right of Red maple, bench trail by removing organic layer, trim roots, and install surfacing	A
1610	1640	30	13	Begin reroute of trail towards bridge	Bench trail by removing organic layer, trim roots, and install surfacing	A, E
1640	1685	45	14		Remove White birch, angle trail towards bridge, bench trail by removing organic layer, trim roots, and install surfacing	A, E
1685	1725	40	15	End of reroute at bridge	Bench trail by removing organic layer, trim roots, and install surfacing	A, E
1725	1760	35	16	Bridge	At end of bridge, install 5 x 5 pad to the left that will serve as a rest spot and turnaround	A, D

**Milton Town Forest – Milton, VT
Multi-Use Accessible Trail Design**



Photo 1

**Milton Town Forest – Milton, VT
Multi-Use Accessible Trail Design**



Photo 2

Milton Town Forest – Milton, VT
Multi-Use Accessible Trail Design



Photo 3

**Milton Town Forest – Milton, VT
Multi-Use Accessible Trail Design**



Photo 4

**Milton Town Forest – Milton, VT
Multi-Use Accessible Trail Design**



Photo 5

**Milton Town Forest – Milton, VT
Multi-Use Accessible Trail Design**



Photo 6

**Milton Town Forest – Milton, VT
Multi-Use Accessible Trail Design**



Photo 7

**Milton Town Forest – Milton, VT
Multi-Use Accessible Trail Design**



Photo 8

**Milton Town Forest – Milton, VT
Multi-Use Accessible Trail Design**



Photo 9

**Milton Town Forest – Milton, VT
Multi-Use Accessible Trail Design**



Photo 10

**Milton Town Forest – Milton, VT
Multi-Use Accessible Trail Design**



Photo 11

**Milton Town Forest – Milton, VT
Multi-Use Accessible Trail Design**



Photo 12

**Milton Town Forest – Milton, VT
Multi-Use Accessible Trail Design**



Photo 13

**Milton Town Forest – Milton, VT
Multi-Use Accessible Trail Design**



Photo 14

**Milton Town Forest – Milton, VT
Multi-Use Accessible Trail Design**



Photo 15

**Milton Town Forest – Milton, VT
Multi-Use Accessible Trail Design**



Photo 16

Milton Town Forest Multi-Use Accessible Trail Trail Construction Specifications

Trail Surfacing A:

Rationale: When native soils are not suitable for trail surfacing or when the trail's intended use requires a hardened surface, it is necessary to import and install surfacing. Often this is the case when the trail will be deemed accessible or when there will be extensive bike use. Typically, the cost per ton of crushed stone surfacing is reasonable. The cost for transporting the material is much higher. It is worth paying more to have the correct material transported from a longer distance than to use local material that is not sustainable.

Construction Specification:

Material: Trail surfacing typically conforms to a specific sieve analysis. Quarries produce crushed stone that conforms to a variety of sizes ranging from stone dust to small aggregates that are 3/8" in size. It is important to monitor the material as it is delivered from the quarry to ensure it complies with the intended sieve analysis.

Dimension: The size of the surfacing is often dependent on the quality of the parent stone that is crushed. The best material to use is a hard stone such as granite. The material is crushed to conform to a specific sieve analysis, or sizing chart. Please refer to Figure 1 for a suggested sieve analysis for crushed stone.

Installation:

Step 1: Before the surfacing is installed, the trail tread is to be excavated and cleared of any vegetative material. All roots are to be clipped flush with the ground. The excavated material is piled on the edges of the trail, this will be used later to support the trail surfacing.

Step 2: The trail is then monitored for running grade. A naturally surfaced trail is most sustainable at grades that remain between 5-8%. This will prevent migration and erosion of surfacing. To maintain a sustainable running grade, 1 1/2" washed crushed stone trail base may need to be installed to raise sections of the trail. This material should be installed and compacted to ensure the trails remains flat.

Step 3: A non-woven geotextile fabric should be installed on top of the excavated soil, as needed, and wherever 1 1/2" crushed stone is installed. The fabric allows the trail to float on top of the mineral soil, spreads out the weight of the surfacing, and prevents the surfacing from mixing with the mineral soil and crushed stone.

Step 4: Trail surfacing is typically installed at a depth of 5-6". Ultimately, it is compacted to a depth of 4". The surfacing is smoothed out using either hand tools or machinery. The surfacing's depth will vary on the terrain, but it should be no less than 4" in depth. While smoothing out the surfacing, it is important to maintain an outslope of 2%, ensure that grade reversals remain intact, and that the surfacing is flush with the top of stone walls to ensure proper drainage.

Step 5: After the surfacing has been installed, it is compacted with either a plate compactor or a vibratory roller. It is most effective to compact the surfacing after a rainfall. At minimum, the surfacing should be moist. Outslope and crowning can be monitored using a smartlevel. Please refer to Figure 2 for a detailed cross section of a naturally surfaced trail.

Milton Town Forest Multi-Use Accessible Trail Trail Construction Specifications

Figure 1: Crushed Stone Sieve Analysis for Naturally Surfaced Trail

3/8" Minus Crushed Stone

Sieve Designation	Percent Passing
3/8"	99%
No. 4	65-85%
No. 8	40-70%
No. 30	25-50%
No. 50	10-20%
No. 100	10-20%
No. 200	5-10%

Figure 2: Trail Tread Analysis



- 3/8" Crushed Stone Surfacing
- Non Woven Geotextile Fabric (As Needed)
- 1.5" Crushed Stone
- Existing Mineral Soil

Milton Town Forest Multi-Use Accessible Trail Trail Construction Specifications

Trail Spec B: Cribbing

Rationale: Cribbing is used to elevate a trail out of a wet area or to maintain a specific trail grade.

Construction Specification:

Cribbing:

Material: Stone for cribbing should be imported from FW Whitcomb Quarry and should be a Monkton Brown Stone. Each stone should be at least 1-3 cubic feet in size.

Dimension: A crib wall retains the trail tread. That said, hikers should never have to walk or bike on the crib wall as it is typically located far outside the designated trail. The crib walls of the Milton Town Forest Multi-Use Accessible Trail are to be located beyond the 5 foot trail width. It is critical that the stones lie outside the width of the Mowing Tractor's tires.

Installation:

1. *Crib Wall:* The height of the crib wall is determined by calculating how high the trail tread needs to be in order to keep hikers out of the wet area or to maintain grade. Once height is determined, stones are chosen that match the height plus an additional 1/3 that is dug into the ground for stability.
2. *Drainage Stone:* The center of the crib wall is filled with 1 1/2" – 4" crushed stone, leaving at least 4" for surfacing.
3. *Filter Fabric:* A non woven geotextile fabric is laid down on top of the drainage stone. The filter fabric will prevent the crushed stone surfacing from migrating into the crush. The filter fabric is essential for enhancing drainage. It must be installed at least 4 inches below the surfacing.
4. *Surfacing:* 4-6" of natural surfacing caps the drainage stone. The surfacing for the Milton Town Forest Multi-Use Accessible Trail should be 3/8" minus imported crushed stone.

Examples:



Milton Town Forest Multi-Use Accessible Trail Trail Construction Specifications

Trail Spec D: Coping Stone Installation

Rationale: Coping stones are found along the edge of a trail or are cap stones on a crib wall that purposefully rise above the trail tread. Their purpose is to provide a visual edge to the trail, serve as a guard rail for users, and to provide another aesthetic character to the trail. Coping stones can be installed during trail construction or afterwards.

Construction Specification:

Material: Coping stones are purposefully angular in shape and are selected to match the color and character of the trail system. It is ideal if the coping stones are made of the same parent material as the stone used in the crib wall.

Dimension: Coping stones are typically 2-3 cubic feet in size. They are installed to rise above the tread a minimum of 6" and a maximum of 1'.

Installation:

1. *Cap Stone Installation:* If the coping stones are installed as cap stones for a crib wall, follow the instructions for stone crib construction in order to build the wall to the intended height. The coping stones are incorporated into the wall so that their spacing is between 30-60" and their height remains between 6-12".
2. *Trail Tread Installation:* Coping stones can be added directly to the edge of a trail. If this method is used, the stones should be dug into the ground to avoid being disturbed.
3. *Stone wall Incorporation:* Coping stones can be installed to give both height and coping function to the stone wall. If this technique is used, the wall should be sturdily built around it while ensuring staggered joints and maximum contact.

Examples:



This figure, whose vantage is from outside of the crib wall, depicts proper installation of Coping Stones.

Milton Town Forest Multi-Use Accessible Trail Trail Construction Specifications

Trail Spec E: Trail Relocation

Rationale: A trail is subject to relocation when it comes in conflict with one or more of the following: land management changes, discovery of historic relics, excessive use, widening of trail corridor due to high running grades, excessive erosion due to poor trail layout. A trail should only be relocated after all corrective options have been considered.

Construction Specification:

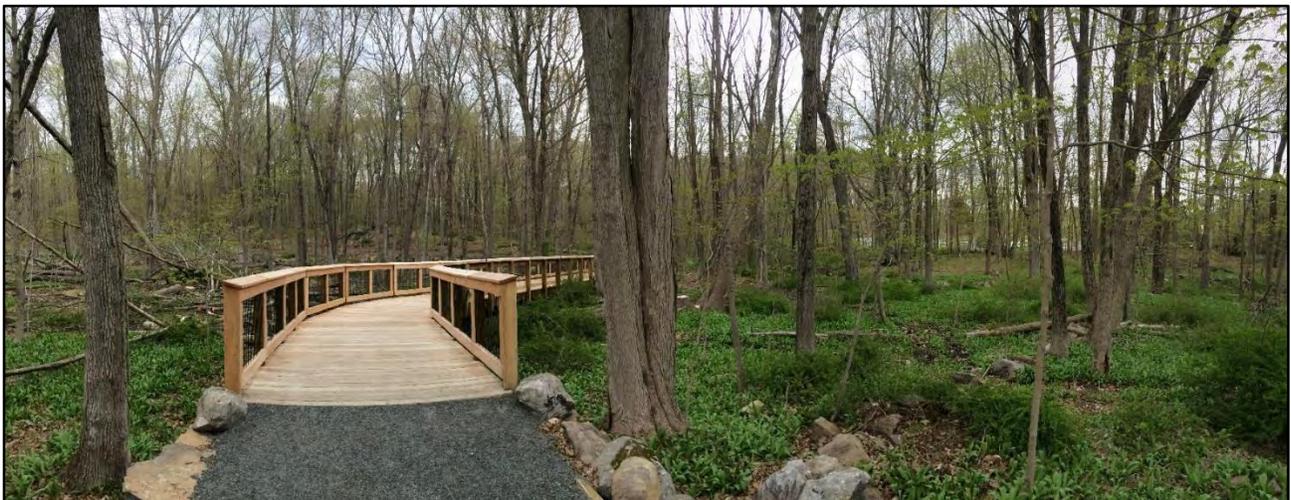
Material: A trail relocation project involves only the material needed for the prescribed structures located along the reroute. The proposed relocation of the Milton Town Forest Multi-Use Accessible Trail will require the installation of 3/8" crushed stone as surfacing and will remain between 0-8.3% running grade.

Dimension: The dimension of the reroute should match the character and needs of the users. The Milton Town Forest Multi-Use Accessible Trail will play host to school groups, individuals, and a seasonal visit by a mowing tractor. That said, the dimension of the trail corridor should be 8' wide by 10' high. This will require the trimming and removal of many trees along the flag line.

Installation Sequence:

1. *Center Line Flag Trail Corridor:* After all maps have been reviewed and the property has been thoroughly explored, the trail's new corridor can be identified. The center line of the trail is flagged every 50-75'. The flags are hung in the center to clearly identify where the trail is to be located.
2. *Clear Trail Corridor:* Trail should be cleared in accordance with the dimensions prescribed for the intended user. The flagging should be a clear indication as to where the trail will be located. All limbs are to be cut flush with the tree. Trees larger than 3" should be cut 3' off the ground. This is to leave a stump long enough for winch removal of the entire root system.
3. *Pin Flag Uphill Edge of Trail Tread:* After the trail has been cleared, the uphill edge of the trail's tread should be clearly pin flagged. This is show where the bench cut of tread should begin. Pin flagging is an essential component of cutting new trail.
4. *Trail Construction:* The construction of the rest of the reroute should follow guidelines set forth in other Construction Specifications.

Examples:



Wilton, CT

Milton Town Forest Multi-Use Accessible Trail Trail Construction Specifications

Trail Spec F: Boardwalk

Rationale: Boardwalks are another option for elevating a trail tread above standing water or intermittent wet areas. Boardwalks are constructed out of rot resistant lumber and typically match the character of the trail system and surrounding environment.

Construction Specification:

Material: The material for boardwalks should be rot resistant (cedar, hemlock, white oak, locust, or PT.) The framing members should be sized appropriately for the spans associated.

Dimension: The dimension of the boardwalk should match that of the trail system. The boardwalk suggested for Milton Town Forest Multi-Use Accessible Trail should be 5' wide to match the existing trail's width.

Installation:

1. *Foundations:* The sleepers of a boardwalk are similar to that of a sill for a bridge or puncheon. The sleeper is typically a large log that is topped (flat) on one side. The sleeper has direct contact with the ground and is supported by 1 ½" crushed stone to assure stability and levelness. Sleepers can be installed with ½" x 3' rebar to ensure they do not move. Sleepers should be installed in respect to the stringers and the maximum span. These boardwalks should have a maximum span of 10'.

2. *Stringers:* For spans of 10', it is recommended to use 2 x 8 pressure treated lumber. The stringers are spaced 16" on center and are nailed directly to the sleepers.

4. *Blocking and Headers:* A header is placed at either end of the boardwalk and is nailed securely to the ends of each stringer. Blocking is installed between each stringer at a spacing of 5' on center. The blocking will prevent the stringers from twisting and add tremendous strength to the boardwalk.

5. *Decking:* It is recommended to use 1 ½" x 6 rough sawn white oak as decking. The decking should extend 1 ½" beyond the edge of the stringers. There should be not less than ½" spacing on the decking. This will allow for sufficient water drainage and a longer lasting structure.

6. *Bullrail:* This boardwalk is low to the ground. There is, however, a wide range of users who might stray to the edge of the boardwalk. A bullrail is a low railing that is rests only 2 inches off the decking. 4x4 white oak are attached directly to the decking and stringers. The bullrail is a visual and physical barrier to keep bikes, skiers, and small children on the boardwalk.

Examples:



Long Lake, NY



Jericho, VT

Timber & Stone, LLC
Conservation Minded Construction

Joshua D. Ryan
1820 County Road
East Calais, VT
05650

PHASE "A"

Phone: 802-522-9856
Email: joshryan@timberandstonellc.com
Web: www.timberandstonellc.com

Project Estimate: December 16, 2014

To:

Jacob Hemmerick
Town Planner
Town of Milton

Milton Town Forest
Milton, VT

Work Description –	
Naturally Surfaced Trail Construction – Option 2 1,760' x 5' Multi-Use Accessible Trail	
Construction Materials	\$ 10,308.96
• Crushed Stone Surfacing Delivered – 189 yards	
• 1.5" Crushed Stone – 41 yards	
• Geotextile Fabric	
• Conservation Mix Seeding	
• Straw Bales	
Boardwalk Construction	\$ 2,750.00
• Pressure Treated Sleepers and Framing	
• Hemlock Decking and Curbing	
Equipment Rental	\$ 10,065.00
• Excavator	
• Front End Loader	
• Material Hauler	
• Compactor	
• Ditch Witch SK650	
Fuel Expenses	\$ 750.00
Construction Labor	\$ 9,063.27
Estimate Total =	\$32,937.23

This quote is relevant to the 2014 Construction Season and includes the following:

Professional Trail Construction Labor
Timber & Stone, LLC Liability Insurance and Administrative Overhead
Crew Mobilization, Specialty Tools, and Equipment Expenses

This Quote is Subject to Change Based on the Following:

Change in Trail Design Before Start of Construction
Change Order of Trail Design After Start of Construction

Project Budget

See the RTP Grant Application Guidebook for what is eligible and instructions to help you complete the Project Budget and Sponsor Match section. Only eligible project costs will be allowed;

A. Environmental Permitting, Archeology and Engineering Costs	
Wetland Permitting (Municipalities Exempted from Permit Fee) Geotechnical Survey	\$500.00
Dept. of Public Safety (\$5.50 per 1,000)	\$300
Local Permits (Fees Waived)	\$0
State Permitting Contingency: Stream Crossing, Natural Heritage	\$300
Sub-Total:	\$ 1,100.00
B. Grant Administration	
2 Staff x 20 hrs & 10 hrs (respectively) @ \$30/hr. for Project Oversight & Financial Admin. (in kind)	\$ 900.00
Sub-Total:	\$ 900.00
C. Construction Design & Engineering	
Phase A: design of 1,760' of trail and boardwalk (Pre-Agreement Costs)	\$ 750.00
Phase B: design of 1,500' of trail, bridge railings, and 600 sf viewing platform and boardwalk access.	\$ 1,200.00
Sub-Total:	\$ 1,950.00
D. Construction On-Site Labor	
Paid Labor (Work Crews, Professional Contractors, Services):	
Phase A: Construction Crew Skilled Labor Costs	\$ 9,063.00
Phase B: Construction Crew Skilled Labor Costs (more carpentry/engineering in Phase B)	\$ 11,000.00
(Based on labor estimate from Timber & Stone LLC)	
Sub-Total:	\$ 20,063.00
Donated On-Site Labor (List what labor will be donated; Use skilled and unskilled wage rates & multiply by anticipated # of laborers as basis for the estimated amount of donated labor)	
5 unskilled volunteers x 20 hrs. ea. @ \$9.15/hr.	\$ 915.00
Sub-Total:	\$ 915.00

Sub-Total:	\$ 915.00
E. Hand Tool Purchase	
None	
Sub-Total:	\$ -
F. Construction Equipment Rental	
Excavator - three weeks	\$ 2,500.00
Front End Loader - four weeks	\$ 3,733.00
Material Hauler - four weeks	\$ 3,421.00
Compactor - three weeks	\$ 1,319.00
Ditch Witch SK650 - four weeks & Helical Anchor Installer - 1 week	\$ 3,743.00
Sub-Total:	\$ 14,716.00
G. Materials/Supplies	
80 yards crushed stone surfacing (\$35 per cubic yard)	\$ 2,800.00
500 yards 1.5" crushed stone (\$16 per cubic yard)	\$ 8,450.00
geotextile fabric (\$2.27 per linear foot)	\$ 7,000.00
conservation mix seeding and straw bales	\$ 380.00
lumber for framing, decking, curbing, railings and platform	\$ 8,500.00
Sub-Total:	\$ 27,130.00
H. Publications: Research & Design Fees	
None (The Conservation Commisison is undertaking a trail map & brochure update as a separate project.)	
Sub-Total:	\$ -
I. Other Eligible Project Expenses Not Listed Above	
None	
Sub-Total:	\$ -

Sub-Total:	\$ -

Total Project Costs (BUDGET) - Sections A-I	\$ 66,774.00
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Sponsor Match	\$ 16,815.00
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Total Grant Request (Total Project Costs minus Sponsor Match)	\$ 49,959.00
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Sponsor Match Summary

List all sources of match for this project. Specify where match is coming from. Enter the value of match in the "Value" column. Match should be secured by the time the application is submitted or as close to the application date as possible. If other funds or grants are pending, you need to say so and list the date when funds are expected to be determined. See the RTP Grant Application Guidebook.

Source of Sponsor's Match	Value
A. Other Federal Funds	
None	
B. State Funds	
None	
C. Local Funds (local government/public funding)	
Town of Milton Capital Improvement Budget - Half-Cent for Recreation Funds	\$ 15,000.00
Town of Milton Staff Labor (30 hrs @ \$30/hr.)	\$ 900.00
D. Private Funds (Sponsor's Direct Match: non-federal, non-state, non-governmental contributions; Donations of labor or materials are to be included as part of the Sponsor's Private Funds; When using donations for match, Sponsors are to list the type of donation (i.e., Donations from another organization's laborers, contractor, youth corps crews, private business, volunteers) and the source of the donation (i.e., federal, state, local, or private donation from the entity making the donation) See the RTP Grant Application Guidebook.	
5 unskilled volunteers x 20 hrs. ea. @ \$9.15/hr. (Primarily Conservation Commission Volunteers)	\$ 915.00
Total Sponsor Match	\$ 16,815.00



Resolution

TOWN OF MILTON

FY2015 Recreational Trails Program Grant Application for Town Forest Bove Connector Trail Improvements

WHEREAS, the Administrative Policy 2014-02 requires all grant applications over \$5,000 be approved by the Selectboard;

WHEREAS, staff requests that the Milton Selectboard approve the submission of an application for the Vermont Department of Forests, Parks & Recreation Recreational Trails Program (RTP) Grant Application in the amount of \$66,774; and

WHEREAS, the voters of Milton have demonstrated broad support for gaining access to the Town Forest in the past and improved access to this property is an identified goal in Milton's Town Forest Management Plan and the Capital Improvement Plan, and the Town is committed to the ongoing maintenance of and public access to the Town Forest; and,

WHEREAS, the RTP Grant requires the Town meet a 20% match requirement, which includes in-kind labor and administrative costs; and

WHEREAS, staff has previously provided that sufficient funding is available in the Capital Plan to meet the \$15,000 cash match requirements of the RTP Grant;

THEREFORE, BE IT RESOLVED, by the Selectboard of the Town of Milton to authorize the Town Manager to execute the necessary documents to submit a grant application to the Vermont Department of Forests, Parks & Recreation for a Recreational Trails Program (RTP) Grant in the amount of \$66,774.

Dated at Milton, Vermont this 20th day of January, 2015

MILTON SELECTBOARD



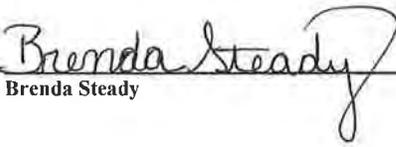
Darren Adams, Chairperson



John Gifford, Vice-Chairperson



John Bartlett, Clerk

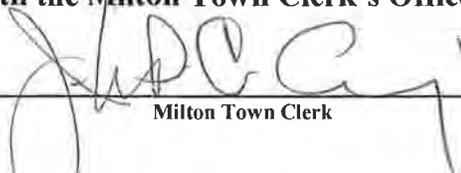


Brenda Steady

Stewart King

Filed with the Milton Town Clerk's Office this 21st day of January, 2015

Attest:



Milton Town Clerk

Town of Milton Conservation Commission
c/o Planning & Economic Development Department
43 Bombardier Road
Milton, VT 05468

January 8, 2015

Vermont Recreational Trail Program Grant

Dear Review Committee:

LETTER OF SUPPORT FROM THE MILTON CONSERVATION COMMISSION

Since its creation, the MCC has actively demonstrated its willingness to apply for grants, volunteer sweat equity, perform regular trail maintenance, and implement improvements to ensure an enjoyable experience for the Town Forest users, which we now hope to include those who otherwise might not be able to visit due to physical limitations. If funded, the Conservation Commission is dedicated to the long-term stewardship of this trail improvement and will actively implement the maintenance plan.

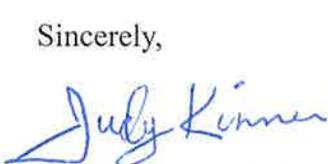
To offer some history, the Milton Conservation Commission was created in 1995 to manage the Milton Town Forest that includes Milton Pond, the former village water supply. In March of 2007 the Town purchased additional property to allow Town-owned access to the Town Forest, because all access was over privately owned VT Land Trust easement property.

The MCC has worked with the Vermont Youth Conservation Corp over the years to install bridges in the Town Forest, the latest being in July 2013. In September of 2012, Milton Public Works installed a gravel parking lot at 599 Westford Road (the land purchased in 2007 that has a trail connecting to existing trails in the Town Forest). By Spring of 2013 it became apparent that the wet clay soils and the location of the parking lot on a down slope from the forest was creating serious mud problems. The Milton Conservation Commission installed 200 feet of puncheon boardwalk in July of 2013, to address the muddiest areas, and realized that much more trail rehabilitation was needed.

In February 2014 the MCC requested an AVCC grant to evaluate this problem and get professional help in fixing the existing trail to the Town Forest. The grant money was awarded in the summer of 2014, and the trail professionals did a site visit in mid-October 2014. In conjunction with this site visit, the MCC members decided that because our Management Plan designates this connector trail for multiple uses, that it would best serve the community to upgrade this connector trail to ADA standards. It was further decided that this accessible access trail would include a new spur trail leading to a viewing platform over Milton Swamp, allowing all trail users a place to connect to the natural beauty of land.

The Milton Conservation Commission fully supports the RTP grant process as a way to implement these beneficial outcomes.

Sincerely,



Judith Kinner, Chair



Laurie DiCesare



Bonnie Pease



Jay Maurice



Dan Gaherty



TOWN OF MILTON, VERMONT

Town Manager's Office, 43 Bombardier Road 05468-3205, 802-893-6655

January 19, 2014

Sherry Winnie
FPR Administration
Vermont Department of Forests, Parks & Recreation
1 National Life Drive, Davis 2
Montpelier, VT 05620-3801

Regarding: 2015 RTP Application Letter of Commitment for Continued Maintenance

Dear Ms. Winnie,

The Town of Milton is committed to continue the operation and maintenance of the Milton Town Forest trails described in this project, should it be approved. The Town is full service and has a large department programmed to public works and the maintenance of public property. The Town has a budget for property maintenance as well as for conservation efforts. The Town anticipates using impact fees to financially match any state financial resources that can be committed although the Town would not be able to complete these improvements with impact fees alone. The voters of Milton have demonstrated broad support for gaining access to this resource in the past. Improved access to this property is an identified goal in its Management Plan, the Town's Comprehensive Plan, and Capital Plan.

Sincerely,


Brian Palaia
Milton Town Manager

Selectboard



FOSTERING A COMMUNITY THAT VALUES YOUTH BY REACHING OUT TO, EDUCATING & SUPPORTING FAMILIES IN MAKING POSITIVE, HEALTHY & SUBSTANCE FREE CHOICES.

January 5, 2015

Commissioner Mike Snyder
Department of Forests, Parks and Recreation
National Life Building
Montpelier, Vermont

Dear Commissioner Snyder,

I write to you on behalf of the Milton Community Youth Coalition (MCYC) in support of the Town of Milton ~~and Milton Town School District~~ application for a grant to restore the Milton Town Forest multiuse path.

The MCYC often works alongside community partners, including the school district and Town of Milton, on healthy community design projects. A large component of this is walkability and bikeability of the town and promoting physical activity. This project directly relates to this work and supports it through continuing to make Milton a healthier place to live, work, and play.

Our organization believes that the development of a universally accessible trail will make it possible for more Milton residents to enjoy the outdoors while being physically active. Creating more access points to the Town Forest will allow for greater use and promote more physically activity among our community's residents. The MCYC looks forward to potential collaboration in relation to this project and would help to promote the newly developed path to its constituents.

If you have any questions regarding the Milton Community Youth Coalition or our support of this application, please do not hesitate to contact me at the information below.

Sincerely,

Katie Miller, MA

MILTON MUNICIPAL FOREST & BOVE PROPERTY MANAGEMENT PLAN

Submitted by
MILTON CONSERVATION and RECREATION COMMISSIONS
August 1, 2011

This Management Plan supersedes the Milton Municipal Forest Management Plan (MMFMP) approved on October 6, 2008. The Milton Municipal Forest was established in 1991, and is subject to protections as written within the Town Charter. The Bove Property was acquired by the Town in 2006 and is not part of the Municipal Forest as described in the Town Charter. The following documents were used in developing this management plan: The Milton Municipal Forest Inventory, Assessment, and Recommendations prepared by LIA Consultants, and Bove Property: Natural Resource Assessment and Land Use Planning Final Report prepared by Lamoureux & Dickinson.

VISION STATEMENT

The vision for the Milton Municipal Forest and the Bove Property is to preserve the ecological integrity for plants, wildlife and other cultural and natural features, including Milton Pond and a Red Maple-Sphagnum Acidic Basin Swamp, while enhancing the Town's recreational opportunities.

RECOMMENDATIONS

1. Natural Resource Protection and Management

a. Natural Plant Communities and Rare, Threatened & Endangered Species (includes bullets 1, 2, 3 and 4 from Section A of the MMFMP):

- i. Encourage hiring a qualified botanist to conduct a survey of rare plant species during the growing season.
 1. Monitor for invasive plants for conservation of the Prickly Hornwort species on the Bove Property.
- ii. Avoid clearing timber near the West Side Trail (Milton Municipal Forest) to prevent the spread of non-native, invasive Japanese knotweed.
- iii. Become informed about and involved in the Vermont Watershed Basin Planning Process:
 1. Work with the Vermont Department of Environmental Conservation (VTDEC) to determine a Water Quality Classification for Milton Pond.
 2. Develop watershed-based strategies to maintain the level of water quality required by the classification.
- iv. Consider working with the VTDEC to perform yearly Spring Phosphorus and Biocriteria Monitoring on Milton Pond. Volunteer efforts could be coordinated to perform this monitoring in partnership with VTDEC staff.

b. Wetland Protection:

- i. Conduct a survey of vernal pools.
- ii. Plan any development of recreational infrastructure to avoid or minimize impacts to wetlands and surrounding uplands.
 1. Impacts to Class 2 wetlands and their 50-foot buffer zones are under the jurisdiction of the State. Impacts to any of the wetlands (whether Class 2 or 3) are also under the U.S. Army Corps of Engineers.

2. Impacts within 100 feet of wetlands in the Town of Westford fall under the Town's Water Resources Overlay District for which there are significant restrictions regarding trail width, bridges, and permanent structures.
3. If any of the wetland areas are suspected of having vernal pools, the Army Corps of Engineers may require spring monitoring. If use by vernal pool dependent species is established, there could be a requirement to preserve an upland forested buffer around those wetlands.

c. Wildlife Habitat Protection (includes bullets 3 and 5 from Section C of the MMFMP):

- i. Establish a wildlife monitoring system.
- ii. Encourage keeping pets on leashes to protect wildlife and to protect pets from the abundant porcupine population.
- iii. Conduct periodic amphibian surveys.
- iv. Maintain a wooded corridor within the panhandle to allow wildlife coverage to cross Westford Road.

d. Archaeological Protection:

- i. Should any ground disturbing activities be planned around defined archeologically sensitive areas, phase I survey work should be considered in these areas. Sensitivity for historic Euroamerican remains is highest in the western portion of the property in the vicinity of the G.W. Crown/ Coburn and Perry cellar hole (ASA 10).

e. Forestry (Includes bullets 1, 2, and 4 from Section C of the MMFMP):

- i. Plan any timber harvest in consultation with the Chittenden County Forester to minimize soil compaction and erosion. Use only a certified logger who will carefully follow Vermont's Acceptable Management Practices (AMPs) for timber harvesting. Viability of timber harvesting was explored in 2009 and determined to not be an option at the time due to lack of trees of substantive size. Explore again in 15-20 years. Logging of the Westford portion of the Bove Property will be prohibited.
- ii. Preserve cavity trees, mast trees and snags.
- iii. Conduct apple tree release and pruning.

2. Recreation Activities and Trails (Includes Sections B & D from MMFMP)

a. Ongoing Tasks:

- i. Allow carry-in boat usage for treated, non-motorized watercraft on Milton Pond.
- ii. Encourage users to stay on trails to protect sensitive species.
- iii. Organize periodic volunteer efforts to remove litter from the forest.
- iv. Develop ordinances regarding accepted recreational uses, if necessary beyond this Management Plan.
- v. Maintain a well-designed, and marked, trail system to encourage users to stay on trails and avoid disturbing cultural features and natural communities of ecological significance.
- vi. Keep trails away from dens, vernal pools, riparian areas, and other fragile habitat features.
- vii. Uses currently allowed for: Hiking, Bird Watching, Snowshoeing, Cross Country skiing, Hunting, Fishing.

b. Phase I (estimated timeline is 2011 - 2013):

- i. Develop a map which accurately depicts the phases outlined in this Management Plan versus the Final Recommend Master Plan Concept – Phasing Plan found in the Bove Property: Natural Resource Assessment and Land Use Planning Final Report prepared by Lamoureux & Dickinson.
 - ii. Construct eight (8) space parking lot with associated signage to provide a public access to the Municipal Forest.
 - iii. Develop main trail with only passive recreational uses to connect parking lot to existing Municipal Forest trails.
 1. Construct two wooden bridges over streams on the Bove property and along the Old Town Road on the Municipal Forest, and trail signage.
 - iv. Repair and relocate trails within the Milton Municipal Forest with reference to the Trail Repair Map (Map 9) found in The Milton Municipal Forest Inventory, Assessment, and Recommendations prepared by LIA Consultants.
 - v. Re-blaze boundary lines and replace missing iron posts at boundary corners.
 - vi. Uses allowed for with this Phase: Hiking, Bird Watching, Snowshoeing, Cross Country skiing, Hunting, Fishing.
- c. Phase II (estimated timeline is 2014 - 2017):**
- i. This phase includes the trail loop off of the main trail, the primitive camping sites, and trail signage on the Bove Property. A portion of this trail will extend into Westford and will require DRB approval.
 - ii. Establish the interpretive walking/hiking trails, three boardwalks and observation platforms, trail signage and interpretive signage. A majority of these improvements will take place in Westford and will require DRB approval. The looped trail that connects the boardwalk/bird watching blind trails will be pulled back to address the Town of Westford's concerns as stated in their June 14, 2011 letter.
 - iii. Establish the interpretive walking/hiking trail on the Municipal Forest property that connects with the trails on the Bove Property.
 - iv. No additional recreational uses allowed for with this phase.
- d. Phase III (estimated timeline is 2018 - 2021):**
- i. Make improvements to the Bove Property main trail to allow for horseback riding and mountain biking and designate trails for these uses in the Municipal Forest. The necessary upgrades to accommodate for these uses should be done on both properties at the same time so as to avoid a confusing situation.
 - ii. Provide for motorized vehicle use along designated trails if and when VASA and/or VAST (or similar organization) establishes a trail system. The timing of this may be earlier or later depending on trail establishment by those organizations.
 - iii. Uses allowed for with this Phase: Hiking, Bird Watching, Snowshoeing, Cross Country skiing, Hunting, Fishing, Horseback Riding, Mountain Biking, Snowmobiling and ATVs.
- e. Phase IV (estimated timeline is 2022 - 2024):**
- i. This phase includes the parking lot expansion.
 - ii. No additional recreational uses allowed for with this phase although the parking lot expansion could accommodate school busses and possibly trailers.

3. Education (Includes Section E from the MMFMP):

- a. Develop an educational brochure for circulation in the community and distribution at the trailhead.
- b. Post signage at the trailhead with brochures, maps, rules and regulations, etc.
- c. Create educational programs (e.g., orienteering, wildlife surveying)
- d. Foster connections with local environmental education centers, local schools, Boy Scout and Girl Scout troops, etc.
- e. Provide information to users about the transmission of invasive species such as zebra mussels and Eurasian watermilfoil in bait buckets and on boats.
- f. Require users to pack out their trash.
- g. Require users to bury human waste more than 200 feet from any water source in a 6-8 inch deep hole.
- h. Encourage 'Leave No Trace' principles.

4. Public Safety and Signage (Includes Section F from the MMFMP and DRB conditions for the Bove Property parking lot):

- a. In accordance with Title 10 Chapter 113 § 4707 of the Vermont State Statutes, a person who intends to set a trap for any animal on the property shall, prior to setting the trap, notify the Selectboard of his intention to set the trap and of the prospective location of the trap. The Selectboard may, at any time, refuse to grant permission to set a trap or revoke the permission if previously granted.
- b. Encourage all visitors to wear safety orange during hunting season.
- c. Discourage swimming as elevated levels of *E. coli* and giardia are suspected.
- d. Monitor the integrity of the Milton Pond dam to prevent dam failure; consultation with an engineer is recommended.
- e. Encourage users to keep dogs on leashes at all times and pack out dog waste.
- f. The parking lot's visibility from Westford Road must be maintained through selective clearing/pruning as necessary.
- g. The Town shall implement measures to prohibit after-hours and non-authorized uses of the parking area, up to and including a lockable gate. If problems are encountered on a regular basis, the Town shall install a lockable gate.
- h. Signage must be installed indicating the hours of operation and delineating the boundaries of the adjacent properties in the vicinity of the parking area and along the trail along the eastern property boundary. The signage must include the telephone numbers of who to call if a problem is encountered (e.g. the Police Department and/or the Recreation Department).

Appendix A

Federal, State and Local Permits and Clearances

The following federal, state and local permits and clearances will most likely be needed for implementing components of the Preferred Conceptual Master Plan for the Bove Property and possibly for the Milton Municipal Forest as well. However, the Town should contact the respective permitting agencies during the next phase of design.

_ A State Stormwater Discharge Permit may be needed for future expansion of the parking area if the total disturbance is greater than one acre.

_ A State Erosion Prevention & Sediment Control Construction General Permit is not likely needed.

_ Municipalities usually don't need an Act 250 permit for projects disturbing less than 10 acres.

_ A State Stream Alteration Permit is not likely needed.

_ A Section 404 U.S. Army Corps of Engineers General Permit (wetlands) will possibly be needed if wetlands impacts exceed 3,000 square feet. If this permit is required, a Section 401 Water Quality, Rare, Threatened & Endangered Species and State Historic Preservation Office clearances will also be needed.

_ A State Conditional Use Determination (wetlands) would be needed for impacts to the Class II wetlands or their buffer areas.

_ State Agricultural Soils Clearance may be needed based on disturbance of prime agricultural soils on the site.

_ New Accessibility Rules from the Department of Justice to take effect March 15, 2011.

_ The Town will also need to work with the Town of Westford regarding the observation platforms. Currently, the Westford Zoning Regulations does not permit decks. There are numerous examples of similar observation platforms that have been built in similar natural areas.

Chapter	Ref #	Goal/Task	Timetable	Responsible Party	Project Type			
					M	I	Ed	En
Natural Resource Protection & Management	a.	Natural Plant Communities and Rare, Threatened & Endangered Species						
Natural Resource Protection & Management	a.i	Encourage hiring a qualified botanist to conduct a survey of rare plant species during the growing season.	2013	SLB & CC	X			
Natural Resource Protection & Management	a.ii	Avoid clearing timber near the West Side Trail (Milton Municipal Forest) to prevent the spread of non-native, invasive Japanese knotweed.	Ongoing	CC	X			
Natural Resource Protection & Management	a.iii	Become informed about and involved in the Vermont Watershed Basin Planning Process.	Now	CC	X			
Natural Resource Protection & Management	a.iv	Consider working with the VTDEC to perform yearly Spring Phosphorus and Biocriteria Monitoring on Milton Pond. Volunteer efforts could be coordinated to perform this monitoring in partnership with VTDEC staff.	Ongoing	CC	X			
Natural Resource Protection & Management	b.	Wetland Protection						
Natural Resource Protection & Management	b.i	Conduct a survey of vernal pools.	2012	CC	X			
Natural Resource Protection & Management	b.ii	Plan any development of recreational infrastructure to avoid or minimize impacts to wetlands and surrounding uplands.	Now/ Ongoing	CC & RC	X			
Natural Resource Protection & Management	c.	Wildlife Habitat Protection						
Natural Resource Protection & Management	c.i	Establish a wildlife monitoring system.	Now/ Ongoing	CC	X			
Natural Resource Protection & Management	c.ii	Encourage keeping pets on leashes to protect wildlife and to protect pets from the abundant porcupine population.	Now/ Ongoing					X
Natural Resource Protection & Management	c.iii	Conduct periodic amphibian surveys.	Ongoing & Biennial	CC	X			
Natural Resource Protection & Management	d.	Archaeological Protection						
Natural Resource Protection & Management	d.i	Should any ground disturbing activities be planned around defined archeologically sensitive areas, phase I survey work should be considered in these areas. Sensitivity for historic Euroamerican remains is highest in the western portion of the property in the vicinity of the G.W. Crown/ Coburn and Perry cellar hole (ASA 10).	ongoing	Staff			X	
Natural Resource Protection & Management	e.	Forestry						
Natural Resource Protection & Management	e.i	Plan any timber harvest in consultation with the Chittenden County Forester to minimize soil compaction and erosion. Use only a certified logger who will carefully follow Vermont's Acceptable Management Practices (AMPs) for timber harvesting. Viability of timber harvesting was explored in 2009 and determined to not be an option at the time due to lack of trees of substantive size. Explore again in 15-20 years. Logging of the Westford portion of the Bove Property will be prohibited.	2024-2029	CC & Staff			X	
Natural Resource Protection & Management	e.ii	Preserve cavity trees, mast trees and snags.	Ongoing	CC	X			

Project Types: M = Management; I = Improvement; Ed = Education; En = Enforcement

Chapter	Ref #	Goal/Task	Timetable	Responsible Party	Project Type			
					M	I	Ed	En
Natural Resource Protection & Management	e.iii	Conduct apple tree release and pruning.	Biennial	CC & PW	X			
Natural Resource Protection & Management	e. iv	Maintain a wooded corridor within the panhandle to allow wildlife coverage to cross Westford Road.	Ongoing	CC & PW	X			
Recreation Activities & Trails								
Recreation Activities & Trails	a.	Ongoing Tasks						
Recreation Activities & Trails	a.i	Allow carry-in boat usage for treated, non-motorized watercraft on Milton Pond.	Ongoing	CC & Staff				X
Recreation Activities & Trails	a.ii	Encourage users to stay on trails to protect sensitive species.	Ongoing	CC & Staff			X	X
Recreation Activities & Trails	a.iii	Organize periodic volunteer efforts to remove litter from the forest.	Ongoing	CC & RC	X			
Recreation Activities & Trails	a.iv	Develop ordinances regarding accepted recreational uses, if necessary beyond this Management Plan.	As needed	CC & Staff		X		
Recreation Activities & Trails	a.v	Maintain a well-designed, and marked, trail system to encourage users to stay on trails and avoid disturbing cultural features and natural communities of ecological significance.	Ongoing	CC & Staff	X			
Recreation Activities & Trails	a.vi	Keep trails away from dens, vernal pools, riparian areas, and other fragile habitat features.	Ongoing	CC & Staff		X		
Recreation Activities & Trails	b.	Phase I						
Recreation Activities & Trails	b.i	Develop a map which accurately depicts the phases outlined in this Management Plan versus the Final Recommend Master Plan Concept – Phasing Plan found in the Bove Property: Natural Resource Assessment and Land Use Planning Final Report prepared by Lamoureux & Dickinson.	2011	CC & Staff	X			
Recreation Activities & Trails	b.ii	Construct eight (8) space parking lot with associated signage to provide a public access to the Municipal Forest.	2011-2012	Staff		X		
Recreation Activities & Trails	b.iii	Develop main trail with only passive recreational uses to connect parking lot to existing Municipal Forest trails.	2012	CC & Staff		X		
Recreation Activities & Trails	b.iii.1	Construct two wooden bridges over streams on the Bove property and along the Old Town Road on the Municipal Forest, and trail signage.	2012	CC & Staff		X		
Recreation Activities & Trails	b.iv	Repair and relocate trails within the Milton Municipal Forest with reference to the Trail Repair Map (Map 9) found in The Milton Municipal Forest Inventory, Assessment, and Recommendations prepared by LIA Consultants.	2013	CC & Staff	X	X		
Recreation Activities & Trails	b.v	Re-blaze boundary lines and replace missing iron posts at boundary corners.	2013	CC & Staff		X		

Project Types: M = Management; I = Improvement; Ed = Education; En = Enforcement

Chapter	Ref #	Goal/Task	Timetable	Responsible Party	Project Type			
					M	I	Ed	En
Recreation Activities & Trails	c.	Phase II						
Recreation Activities & Trails	c.i	This phase includes the trail loop off of the main trail, the primitive camping sites, and trail signage on the Bove Property. A portion of this trail will extend into Westford and will require DRB approval.	2014-2015	CC & Staff		X		
Recreation Activities & Trails	c.ii	Establish the interpretive walking/hiking trails, three boardwalks and observation platforms, trail signage and interpretive signage. A majority of these improvements will take place in Westford and will require DRB approval. The looped trail that connects the boardwalk/bird watching blind trails will be pulled back to address the Town of Westford's concerns as stated in their June 14, 2011 letter.	2015-2016	CC & Staff		X		
Recreation Activities & Trails	c.iii	Establish the interpretive walking/hiking trail on the Municipal Forest property that connects with the trails on the Bove Property.	2017	CC & Staff		X		
Recreation Activities & Trails	d.	Phase III						
Recreation Activities & Trails	d.i	Make improvements to the Bove Property main trail to allow for horseback riding and mountain biking and designate trails for these uses in the Municipal Forest. The necessary upgrades to accommodate for these uses should be done on both properties at the same time so as to avoid a confusing situation.	2018-2020	CC & Staff		X		
Recreation Activities & Trails	d.ii	Provide for motorized vehicle use along designated trails if and when VASA and/or VAST (or similar organization) establishes a trail system. The timing of this may be earlier or later depending on trail establishment by those organizations.	2021	CC & Staff		X		
Recreation Activities & Trails	e.	Phase IV						
Recreation Activities & Trails	e.i	This phase includes parking lot expansion.	2022-2024	CC & Staff		X		
		Education						
Education	a.	Develop an educational brochure for circulation in the community and distribution at the trailhead.	2012-2013	CC & Staff			X	
Education	b.	Post signage at the trailhead with brochures, maps, rules and regulations, etc.	2011-2012	CC & Staff			X	
Education	c.	Create educational programs (e.g., orienteering, wildlife surveying)	Ongoing	CC & Staff			X	
Education	d.	Foster connections with local environmental education centers, local schools, Boy Scout and Girl Scout troops, etc.	Ongoing	CC & Staff			X	
Education	e.	Provide information to users about the transmission of invasive species such as zebra mussels and Eurasian watermilfoil in bait buckets and on boats.	Ongoing	CC & Staff			X	
Education	f.	Require users to pack out their trash.	Ongoing	CC & Staff				X
Education	g.	Require users to bury human waste more than 200 feet from any water source in a 6-8 inch deep hole.	Ongoing	CC & Staff				X
Education	h.	Encourage 'Leave No Trace' principles.	Ongoing	CC & Staff				X

Project Types: M = Management; I = Improvement; Ed = Education; En = Enforcement

Chapter	Ref #	Goal/Task	Timetable	Responsible Party	Project Type			
					M	I	Ed	En
		Public Safety & Signage						
Public Safety & Signage	a.	In accordance with Title 10 Chapter 113 § 4707 of the Vermont State Statutes, a person who intends to set a trap for any animal on the property shall, prior to setting the trap, notify the Selectboard of his intention to set the trap and of the prospective location of the trap. The Selectboard may, at any time, refuse to grant permission to set a trap or revoke the permission if previously granted	Ongoing	SLB				X
Public Safety & Signage	b.	Encourage all visitors to wear safety orange during hunting season.	Ongoing	CC & Staff				X
Public Safety & Signage	c.	Discourage swimming as elevated levels of <i>E. coli</i> and giardia are suspected.	Ongoing	CC & Staff				X
Public Safety & Signage	d.	Monitor the integrity of the Milton Pond dam to prevent dam failure; consultation with an engineer is recommended.	Ongoing	CC & Staff	X			
Public Safety & Signage	e.	Encourage users to keep dogs on leashes at all times and pack out dog waste.	Ongoing	CC & Staff				X
Public Safety & Signage	f.	The parking lot's visibility from Westford Road must be maintained through selective clearing/pruning as necessary.	2008	SLB & PW	X			
Public Safety & Signage	g.	The Town shall implement measures to prohibit after-hours and non-authorized uses of the parking area, up to and including a lockable gate. If problems are encountered on a regular basis, the Town shall install a lockable gate.	Ongoing	Staff	X			
Public Safety & Signage	h.	Signage must be installed indicating the hours of operation and delineating the boundaries of the adjacent properties in the vicinity of the parking area and along the trail along the eastern property boundary. The signage must include the telephone numbers of who to call if a problem is encountered (e.g. the Police Department and/or the Recreation Department).	with parking area	Staff			X	

Project Types: M = Management; I = Improvement; Ed = Education; En = Enforcement

Appendix E1. Project Timeline

Pre-July

- Ascertain all State permitting requirements and conduct any required site visits.
- Prepare RFP and solidify exact dates for all project deadlines.
- Install "Vermont Trial Ethic "signage at trailhead.

July 1

- Go out to bid.
- Post notice of upcoming trial closure.

July/August

- Bid deadline.

August

- Review bid responses.
- Secure volunteer commitments.
- Select contractor.
- Apply for Phase "A" local and State permits.

August/September

- Phase "A" local and state permits obtained.
- Phase "A" clearing and construction preparation begin.
- Close trail to public use.
- Finalize Phase "B" design.
- Apply for Phase "B" local and State permits.

September

- Construction of Phase "A".
- Obtain local and state permits for Phase "B".
- Phase "B" clearing and construction preparation.

September/October:

- Finalize construction of Phase "A"
- Construction of Phase "B"

November

- Finalize construction of Phase "B".
- Site cleanup and full restoration.
- Grand opening and ribbon cutting.

Spring 2016

- Financial closeout.

Project Review Sheet

Date Initiated	<input type="text" value="1/7/2015"/>	ANR PIN#	<input type="text"/>	WW Project#	<input type="text"/>	Pre-application Review <input checked="" type="checkbox"/>
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Project Information
General Information

PROJECT NAME (if applicable) Milton Town Forest Trail Improvements	PROJECT TOWN Milton
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PROJECT LOCATION (911 address if available)
599 Westford Road

Contact(s)

CONTACT TYPE Landowner	NAME Jacob Hemmerick	ORGANIZATION NAME (if applicable) Town of Milton		
ADDRESS 43 Bombardier Road		TOWN Milton	STATE VT	ZIP 05468
PHONE 802.893.1186	CELL PHONE	EMAIL jhemmerick@town.milton.vt.us		

Project Description

ENTERED BY Jeffrey McMahon	INFORMATION SOURCE Individual	DATE ENTERED 1/7/2015 9:54 AM
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PROJECT DESCRIPTION
A Trail Grant application for the town forest trails to be improved. The improvements will include; widening of existing trails, construction of a 500 linear foot trail, utilization of a fabric and crushed stone for the ADA compliant path, construction of a walkway over a drainage, and ADA conforming construction of a viewing platform. The project will take place on 2 parcels, one of 7.6 acres and the other 52.1 acres. There are no wastewater or water supplied structures nor are any proposed at this time.

DEC Prior Permits

PERMIT TYPE	PERMIT NUMBER
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*Jurisdictional Opinion(s) for permits that may be needed from the District Environmental Office **PRIOR TO COMMENCEMENT OF CONSTRUCTION***

Act 250 Jurisdictional Opinion

This is a jurisdictional opinion issued pursuant to 10 V.S.A. § 6007(c) and Act 250 Rule 3(A). A request for reconsideration by the district coordinator, pursuant to Act 250 Rule 3(B), must be sent to the district coordinator at the address below within 30 days of the mailing of this opinion. Effective July 1, 2013, no appeal may be taken from a jurisdictional opinion or coordinator's decision on reconsideration without reconsideration by the Natural Resources Board. Requests for reconsideration by the Board must be submitted to the Board within 30 days of the mailing of this decision or a coordinator's decision on reconsideration.

PERSON REQUESTING JURISDICTIONAL OPINION Jeffrey McMahon	REQUESTOR TYPE Permit Specialist	ACT 250 PERMIT NUMBER (if any)	HAS THE LANDOWNER SUBDIVIDED BEFORE? <input type="checkbox"/> Yes <input type="checkbox"/> No
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TYPE OF PROJECT (check all that apply)

Commercial
 Residential
 Agricultural
 Municipal
 State
 Federal

IS AN ACT 250 PERMIT REQUIRED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	COPIES SENT TO STATUTORY PARTIES? <input type="checkbox"/> Yes <input type="checkbox"/> No
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BASIS FOR DECISION
Less than 10 acres disturbed, Not a development pursuant to 10 VSA 6001(3)(A)(v)

DISTRICT COORDINATOR SIGNATURE Peter E. Keibel 2015.01.07 13:27:53 -05'00'	Peter Keibel, Coordinator [phone] 802-879-5658 [email] peter.keibel@state.vt.us Natural Resources Board District 4 Environmental Commission 111 West Street, Essex Junction, VT 05452
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Drinking Water & Groundwater Protection Division Regional Office Permit Jurisdictional Opinion

IS A WASTEWATER SYSTEM & POTABLE WATER SUPPLY PERMIT/APPROVAL REQUIRED? <input type="checkbox"/> Yes <input type="checkbox"/> Permit application currently under review <input checked="" type="checkbox"/> No <input type="checkbox"/> Permit issued on _____	PERMIT NOT REQUIRED? <input type="checkbox"/> Boundary Line Adjustment <input type="checkbox"/> Home Occupation <input type="checkbox"/> Clean Slate <input type="checkbox"/> Notice of Permit Requirement
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BASIS FOR DECISION

REGIONAL OFFICE STAFF SIGNATURE 2015.01.07 12:16:05 -05'00'	Dolores M. Eckert, Assistant Regional Engineer [phone] 802-879-2341 [email] dolores.eckert@state.vt.us Department of Environmental Conservation Drinking Water & Groundwater Protection Division - Essex Regional Office 111 west Street, Essex junction, VT 05452
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The following are preliminary, non-binding determinations made by DEC Permit Specialists identifying other permits that may be needed
PRIOR TO COMMENCEMENT OF CONSTRUCTION

Preliminary, Non-binding Determination of the Applicability of Other State Permits

Note: Fact Sheet numbers below refer to permit fact sheets available at: http://www.anr.state.vt.us/dec/permit_hb/tableofcontents.htm

Agency of Natural Resources - Department of Environmental Conservation

WATERSHED MANAGEMENT DIVISION

- Wetlands [Fact Sheet #29]
 - Northern Chittenden, Franklin, and Grand Isle Counties:
 Contact: Danielle Owczarski Email: danielle.owczarski@state.vt.us Phone: 802-490-6176
- Stream Alteration and Stream Crossing Structures [Fact Sheet #32]
 - For Northwestern Vermont:
 Contact: Chris Brunelle Email: chris.brunelle@state.vt.us Phone: 802-879-5631
- Stormwater: Developments [Fact Sheets #6.2 & 6.3]
 - Contact: Helen Carr Email: helen.carr@state.vt.us Phone: 802-490-6170

Agency of Natural Resources - Department of Fish & Wildlife

- Nongame & Natural Heritage Program (Threatened & Endangered Species) [Fact Sheet #47.4]
 - Animals:
 Contact: Mark Ferguson Email: mark.ferguson@state.vt.us Phone: 802-241-3295
 - Plants:
 Contact: Bob Popp Email: bob.popp@state.vt.us Phone: 802-476-0129

Department of Public Safety

- Construction Permit Fire Prevention, Electrical, Plumbing, Accessibility (ADA) [Fact Sheets #49, 50, 50.1, & 50.2]
 - Williston: 802-879-2300

Local Permits

- See your Town Clerk, Zoning Administrator, Planning Commission or Public Works

PERMIT SPECIALIST SIGNATURE 2015.01.07 15:40:51 -05'00'	Jeff McMahon, Permit Specialist [phone] 802-879-5676 [email] jeff.mcmahon@state.vt.us Department of Environmental Conservation Environmental Assistance Office - Essex Regional Office 111 West Street, Essex Junction, VT 05452
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WETLANDS

Jacob Hemmerick

From: Courage, Zapata [Zapata.Courage@state.vt.us]
Sent: Monday, January 12, 2015 12:04 PM
To: Jacob Hemmerick
Cc: Owczarski, Danielle
Subject: RE: Wetland Permit Costs
Attachments: wl_catwalk_bmp.pdf

Hello Jacob:

Municipalities are exempt from all wetland permitting fees, always. No loopholes. If they are the applicant, it is \$0.

With that said, if there are impacts to Class II wetlands or associated 50-ft. buffer an application needs to be submitted and the project design needs to be reviewed by the District Wetland Ecologist in order to approve the project and to make sure avoidance or minimization of impacts are applied.

There are some allowed uses, where a permit is not needed. I have attached the Boardwalk/Catwalk/Dock Allowed Use guidance document. These practices should be employed in construction of these structures. Clearing should be kept to a minimum wherever possible.

Danielle, your District Ecologist, will be returning at the end of the month and can review the project and/or set up a site visit if needed.

In the meantime, for your budgeting...the cost is zero.

Have a great week and let me know if I can be of further assistance.
Zapata

From: Jacob Hemmerick [jhemmerick@town.milton.vt.us]
Sent: Monday, January 12, 2015 11:12 AM
To: Courage, Zapata
Subject: Wetland Permit Costs

Zapata:

The Town is putting together a State RTP grant application, and we're working through the budget sheet. What is the cost for a wetland permit?

Attached: PRS & Specific Location Map.

Work Plan:

The Town of Milton proposes to construct a 5-foot wide, ADA accessible, unpaved, non-motorized, multi-use path 3,260 feet in length, as generally depicted on the Town Forest map.

The work includes:

- (1) re-location of existing trailhead and corridor clearing through mature fir tree stand to rejoin existing trail (370'L x 5'W);
- (2) re-construction and widening of existing hiking trail (2,310'L x 5'W);

STREAM CROSSING

Jacob Hemmerick

From: Brunelle, Chris [Chris.Brunelle@state.vt.us]
Sent: Wednesday, January 28, 2015 8:58 AM
To: Jacob Hemmerick
Subject: Re: Milton Town Forest Stream Crossing Project

RECEIVED

JAN 29 2015

Planning & Economic Development
Milton, Vermont

Hello Jacob,

The project is "non-reporting"

Sincerely,

Christopher Brunelle, River Management Engineer

111 West Street

Essex Jct., VT 05452

802-777-5328 / chris.brunelle@state.vt.us

www.watershedmanagement.gov

On Jan 27, 2015, at 10:44 AM, Jacob Hemmerick <jhemmerick@town.milton.vt.us> wrote:

Hi Chris,

I'm writing to confirm that Milton's project is a non-reporting project.

Jacob Hemmerick - Town Planner
802.893.1186 - jhemmerick@town.milton.vt.us

From: Jacob Hemmerick
Sent: Wednesday, January 21, 2015 1:41 PM
To: Brunelle, Chris
Cc: Jacob Hemmerick
Subject: Milton Town Forest Stream Crossing Project

Chris,

Thank you for meeting with me at 9:00 a.m. on 1/21/15 in Milton.

We discussed Milton's proposal to construct the following at the Town Forest:

- (1) phase A, re-location of existing trailhead and corridor clearing through mature fir trees to rejoin existing trail (370'L x 5'W);
- (2) phase A: re-construction and widening of existing hiking trail (1310' L x 5'W);
- (3) phase A: construction of a boardwalk with sleeper log foundations (80'L x 5'W);
- (4) phase B: construction of railings on existing 30'L x 5'W footbridge (length inclusive in total above);
- (5) phase B: re-construction and widening of existing hiking trail Phase B (1,000' L x 5'W)
- (6) phase B: construction of new trail connecting existing trail to Milton Swamp viewpoint (500'L x 5'W, length inclusive of viewing platform); and,
- (7) phase B: construction of a 600 square foot viewing platform and access boardwalk offering southeasterly views of 10-acres of open wetland;

The work also includes: clearing the corridor to a width of 8' and a height of 10', removing organic soil down to mineral soil, trimming roots, installing non-woven geotextile fabric, adding crushed 1.5" stone at a depth of 6 to 10", and surfacing the trail with 3-4" of fine, compacted surfacing with a 2% outslope. General construction of the entire project will be performed by a hired contractor. Corridor clearing, surfacing, and platform construction will be assisted by the Conservation Commission, Town Staff, and local volunteers.

STORMWATER

Jacob Hemmerick

From: Calvi, Jenna [Jenna.Calvi@state.vt.us]
Sent: Tuesday, January 13, 2015 7:38 AM
To: Jacob Hemmerick
Subject: RE: Stormwater Permit

Great, thanks for clarifying. That being said, Chapter 18 of the Environmental Protection Rules, §18-304 (a)(4) states that "no state stormwater permit is required pursuant to this Rule for:... The expansion of an existing impervious surface, such that the total resulting impervious surface is equal to or greater than 1 acre if... the increase or addition of impervious surface is less than 5,000 square feet."

Therefore, no state stormwater discharge permit would be required for this work. Thank you for following up with me for a determination, and if anything changes with this project please let me know so I can update your determination.

Cheers,
Jenna



Jenna Calvi, Stormwater District Manager – Northern Chittenden County
1 National Life Drive, Main 2
Montpelier, VT 05620-3522
802-490-6166 / jenna.calvi@state.vt.us
www.watershedmanagement.vt.gov

From: Jacob Hemmerick [<mailto:jhemmerick@town.milton.vt.us>]
Sent: Monday, January 12, 2015 6:02 PM
To: Calvi, Jenna
Subject: RE: Stormwater Permit

Great question. I've revised to make this clearer. The 3,290 includes: proposed trail re-location, re-construction of existing trail, construction of new boardwalk, the existing footbridge, and construction of entirely new trail.

The Town of Milton proposes to construct a 5-foot wide, ADA accessible, unpaved, non-motorized, multi-use path 3,290 feet in length, as generally depicted on the map.

The work includes:

- (1) re-location of existing trailhead and corridor clearing through mature fir tree stand to rejoin existing trail (370'L x 5'W);
- (2) re-construction and widening of existing hiking trail (2,310'L x 5'W);
- (3) construction of a boardwalk with sleeper log foundations (80'L x 5'W);
- (4) construction of railings on existing 30'L x 5'W footbridge;

Jacob Hemmerick

NATURAL HERITAGE

From: Popp, Bob [Bob.Popp@state.vt.us]
Sent: Tuesday, January 13, 2015 12:13 PM
To: Jacob Hemmerick; Ferguson, Mark
Cc: Owczarski, Danielle
Subject: RE: F&W Permits

Jacob, thank you for contacting us. Please ignore the previous message that was sent prematurely.

Base on the current proposal, I see no need for a Fish & Wildlife Dept permit. There is one rare plant known from the property, Spineless Hornwort (*Ceratophyllum echinatum*) which was observed in the swamp in 2010. It could be impacted by the proposed viewing tower depending upon its location. The hornwort would be in the actual wetland so if there are no wetland impacts, there would be no concern. Please let me know whether that is the case or not. If you will impact the wetland, we will work with the wetland office to determine what is required.

You may want to have the parcel inventoried for rare, threatened and endangered plants as the information would be useful for planning and conservation purposes; however, due to the minor impact of widening existing trails, we are not requesting that you do so.

Thanks,
Bob

Bob Popp
Department Botanist
VT. Dept of Fish and Wildlife
Natural Heritage Inventory
(802) 476-0127

From: Popp, Bob
Sent: Tuesday, January 13, 2015 12:04 PM
To: 'Jacob Hemmerick'; Ferguson, Mark
Cc: Owczarski, Danielle
Subject: RE: F&W Permits

Bob Popp
Department Botanist
VT. Dept of Fish and Wildlife
Natural Heritage Inventory
(802) 476-0127

From: Jacob Hemmerick [<mailto:jhemmerick@town.milton.vt.us>]
Sent: Monday, January 12, 2015 11:01 AM
To: Ferguson, Mark; Popp, Bob
Subject: F&W Permits

Mark and Bob,

The Town is putting together a State RTP grant application, and we're working through the budget sheet. What is the cost for your permit, and are there any timing considerations we should know as we develop a project timeline?

Appendix H4

Furtherance of Vermont Trails and Greenways Plan in Statewide Comprehensive Plan 2014-2018

This project directly addressed conditions A-D of the Vermont Trails and Greenways Plan in the Statewide Comprehensive Plan's desired conditions (p.120).

The project ensures that (A) persons who wish to participate in appropriate outdoor recreation activities in Vermont have opportunities to do so, (B) that resources are appropriately maintained and managed, (C) that the quality of the site and facilities are high and satisfies the demand imposed upon it, and (D) that increasing demand is met by making more resources and diverse opportunities and programming available.

The proposal also meets conditions of Appendix C. Specifically, the project advances cross-country skiing by offering greater public access (p.211). The improvements would allow the Town to consider amendments to the Management Plan to accelerate the mountain biking use implementation and to meet the priority of gaining access for trail expansion (p.215). Finally, the project responds to the priority to respond to improved access to hiking trails (p.220).



TOWN OF MILTON, VERMONT

Town Manager's Office, 43 Bombardier Road 05468-3205, 802-893-6655

January 19, 2014

Sherry Winnie
FPR Administration
Vermont Department of Forests, Parks & Recreation
1 National Life Drive, Davis 2
Montpelier, VT 05620-3801

Regarding: 2015 RTP Application Permission to Perform Trail Work and Assurance of Continued Public Access

Dear Ms. Winnie,

The Town of Milton approves the trail work in the Milton Town Forest described in the Town's RTP Grant Application, should it be approved. The Town is also committed to keeping the Town Forest trails open and maintained for ongoing public use for its intended purposes.

Sincerely,


Brian Palaia
Milton Town Manager

Selectboard