



## Background

Timber & Stone, LLC is a recreational trail planning, design, and construction business based in East Montpelier, VT. Since 2004, we have provided trail design and construction expertise to public land management agencies located throughout Vermont and the Northeast. We believe that with informed consideration paid to design and construction, trails enhance the intrinsic value of natural areas to the human community.

## Supportive Statement

Timber & Stone, LLC supports the restoration of the Vermont Housing and Conservation Board funding to its full, statutory amount to strengthen our present and prepare for the future. These investments protect Vermont's natural environment while enabling thoughtful conservation efforts to take place.

## Financial Impact of Trail Construction

In addition to connecting visitors to the land, trails constructed by professional trailbuilders within public lands have a long lasting impact on local and statewide economics. Timber & Stone, LLC's annual finances fall within these ranges:

Total Number of Trail Projects – 25 – 40  
Gross Receipts - \$700,000 - \$1,000,000  
Number of Workers - 7 – 12  
Payroll - \$250,000 - \$350,000  
Material Expenses - \$250,000 - \$400,000  
Machinery Rentals - \$75,000 - \$125,000  
Fuel - \$12,000 - \$20,000  
Housing Rentals - \$5,000 - \$10,000

## Conclusion

Timber & Stone, LLC has designed and constructed recreational trails throughout many VHCB funded properties. Our work begins after the land conservation has taken place and the effects of our work lasts for many generations.

Thank you for the opportunity to share our story and support of this important initiative.

Josh Ryan  
Principal Trail Designer/Builder



# Timber & Stone, LLC

Recreational Trail Design and Construction

## Project Portfolio: Universally Accessible Trail Design and Construction



### **Barnes Camp Accessible Boardwalk (2017)**

*The Long Trail, Stowe, VT*

**Overview:**

- 600 foot elevated wetland boardwalk on a helical pile foundation system
- Multiple viewing platforms installed along this scenic section of the Long Trail

**Contact:**

Tasha Wallis, Executive Director  
Lamoille County Planning Commission  
tasha@lpcvt.org or (802) 888-4548

### **Camp Smith Accessible Trail (2016)**

*Little River State Park, Waterbury, VT*

**Overview:**

- 1/2 Mile accessible trail system with interpretive overlooks for public engagement
- Meanders through a historically significant former Civilian Conservation Corps encampment

**Contact:**

Sue Bulmer, Northeast Parks Regional Manager  
Vermont Department of Forest, Parks & Recreation  
susan.bulmer@vermont.gov or (802) 476-0181



### **Bomoseen State Park Accessible Boardwalk (2016)**

*Bomoseen, VT*

**Overview:**

- 200 foot boardwalk supported by helical pile foundations and located within a sensitive wetland environment
- Decking and railing constructed of naturally rot resistant Black Locust and White Oak

**Contact:**

Frank Spaulding, Parks Project Coordinator  
Vermont Department of Forest, Parks & Recreation  
frank.spaulding@vermont.gov or (802) 522-0798



**Mount A Accessible Trail (2014-2016)**  
*Mount Agamenticus Conservation Area, York, ME*

*Overview:*

- Design and construction of a one mile accessible trail that navigates granite ledges and rock outcroppings
- Installed multiple boardwalks, bridges, and a 30' circular observational platform

*Contact:*

Robin Kerr, Conservation Coordinator  
robin@agamenticus.org or (207) 361-1102

**Eshqua Bog Accessible Trail and Boardwalk (2014-2015)**

*Eshqua Bog Natural Area, Hartland, VT*

*Overview:*

- Design and construction of a 460 foot accessible boardwalk supported by helical pile foundations
- Multiple viewing platforms allows for photography and appreciation of rare wetland flora

*Contact:*

Lynn McNamara, Director of Stewardship  
The Nature Conservancy in Vermont  
lmcnamara@TNC.org or (802) 229-4425



**Shaftsbury State Park Accessible Trail (2015, 2017)**  
*Shaftsbury, VT*

*Overview:*

- Design and construction of 100' accessible boardwalk supported by helical pile foundations
- Upgrade of existing boardwalk to comply with accessible trail guidelines

*Contact:*

Lisa Thorton, Stewardship Forester  
Vermont Department of Forests, Parks, & Recreation  
lisa.thorton@vermont.gov or (802) 777-7480



**Reservoir Accessible Trail (2010, 2015)**

*Waterbury Center State Park, Waterbury, VT*

*Overview:*

- Constructed 1/4 mile accessible trail that allows access and viewing of the Waterbury Reservoir
- Installed connector paths allowing access to boat launch, swimming area, and picnic tables

*Contact:*

John Medose, Northeast Parks Facility Manager  
Vermont Department of Forests, Parks & Recreation  
john.medose@vermont.gov or (802) 426-3050





### **Entrance Bridge (2015/2016)**

*Birds of Vermont Museum, Huntington, VT*

**Overview:**

- Design and construction of 100' accessible elevated boardwalk and bridge supported by helical pile foundations
- This custom built structure serves as main entry point to museum facilities

**Contact:**

Erin Talmage, Executive Director  
Birds of Vermont Museum  
museum@birdsofvermont.org or (802) 434-2167

### **Long Beach Boardwalk (2013)**

*Barnstable, MA*

**Overview:**

- Construction of 350' accessible boardwalk that serves as public access to Long Beach
- Installed innovative foundation in beach ecosystem

**Contact:**

Rebecca Nickerson, Project Manager  
Town of Barnstable  
508-790-6316



### **Front Bay Park (2012)**

*Wolfeboro, NH*

**Overview:**

- Design and construction of a one mile accessible trail system that borders Lake Winnepesaukee
- Design, construction, and installation of an accessible timber framed gazebo

**Contact:**

Rob Houseman, Former Wolfeboro Town Planner  
robert.houseman@hanovernh.org or (603) 640-3212

### **Longwood Gardens Trail System (2008)**

*Kennett Square, PA*

**Overview:**

- Served as member of specialized construction crew that designed and installed this accessible treehouse and elevated ramp system

**Contact:**

Eyrich Stauffer, Lead Design/Builder  
Stauffer Woodworking  
eyrich@staufferwoodworking.com or (802) 272-9535



## Project Portfolio: Trail Assessment, Planning and Design

**Overview:** For nearly a decade, Timber & Stone, LLC has prepared comprehensive trail design plans and reports for dozens of organizations and municipalities for properties throughout the Northeast.

Each of the document titles below indicates the completion of extensive field work. Foot-by-foot analysis of a trail is required in order to generate thorough construction and/or maintenance specifications for each site.



### **Enders Falls Trail Design**

Prepared for: Connecticut Department of Energy and Environmental Protection  
Granby, CT (2018)

### **Raven Ridge Natural Area Accessible Boardwalk and Trail Design**

Prepared for: The Nature Conservancy  
Hinesburg, VT (2017)

### **Norwalk River Valley Trail Layout and Design**

Prepared for: Friends of the Norwalk River Valley Trail (NRVT)  
Ridgefield, CT Section (2018), Norwalk, CT Section (2017),  
Redding, CT Section (2016) and Wilton, CT Section (2013)

### **Rock Point Trail Assessment and Design**

Prepared for: The Rock Point Center  
Burlington, VT (2017)

### **Pine Island Cemetery Trail Design**

Prepared for: Norwalk Redevelopment Agency  
Norwalk, CT (2017)

### **Ossipee Pine Barrens Accessible Trail Design**

Prepared for: The Nature Conservancy  
Ossipee, NH (2017)

### **Lubberland Creek Accessible Trail Design**

Prepared for: The Nature Conservancy  
Newmarket, NH (2017)

### **Marshall Conservation Area Trail Master Plan**

Prepared for: Town of Conway, NH (2016)

### **Hawkins Brook Nature Trail Accessible Trail and Boardwalk Design**

Prepared for: Town of Meredith, NH (2016)

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“The trail layout and design document Timber & Stone, LLC prepared was thorough; sufficiently so, that it has given funders the confidence to make substantial contributions and was used to successively support permit applications.”

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-Pat Sesto, Chairperson  
Norwalk River Valley Trail

### **North Branch Cascades Trail Assessment and Design**

Prepared for: The Vermont River Conservancy  
Worcester/Elmore, VT (2016)

### **Mills Riverside Park Trail Assessment Plan**

Prepared for: Jericho/Underhill Park District  
Jericho, VT (2016)

### **Black Mountain Trail Assessment and Design**

Prepared for: The Nature Conservancy  
Dummerston, VT (2015)

### **Wiessner Woods Trail Management Report**

Prepared for: Stowe Land Trust  
Stowe, VT (2015)

### **Birds of Vermont Museum Accessible Trail**

Prepared for: Birds of Vermont Museum  
Huntington, VT (2014)

### **Shoreline Greenway Trail Maintenance Plan**

Branford, CT (2014)

### **Eshqua Natural Area Accessible Trail Design**

Prepared for: The Nature Conservancy  
Hartland, VT (2013)

### **Burlington Multi-Use Trail Design**

Prepared for: Burlington Parks and Recreation  
Burlington, VT (2013)

### **Sustainability Academy Multi-Use Trail**

Prepared for: Burlington Sustainability Academy  
Burlington, VT (2012)

### **Front Bay Park Accessible Trail Design**

Prepared for: Town of Wolfeboro  
Wolfeboro, NH (2011)

### **Maple Street Park Multi-Use Trail Design**

Prepared for: Essex Junction Recreation and Parks  
Essex Junction, VT (2011)

### **Indian Brook Reservoir Trail Maintenance and Management Plan**

Prepared for: Town of Essex  
Essex, VT (2010)

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“Timber & Stone, LLC has been helping us to make our trail networks more durable, accessible, and enjoyable for the past decade. Their work is high quality and well designed. It reflects a clear understanding of what makes for a positive and memorable recreational experience for the range of user groups and abilities that frequent our trails. ”

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-Kristen Sharpless,  
Conservation Program Manager  
Stowe Land Trust