



Capital Construction Budget Section 4

Laura V. Trieschmann
State Historic Preservation Officer

James Duggan
Director of Preservation
State Historic Sites

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Chimney Point at Champlain Bridge, Addison 2023



Capital Construction Budget

Section 4, Line 34: Unmarked Burial Sites

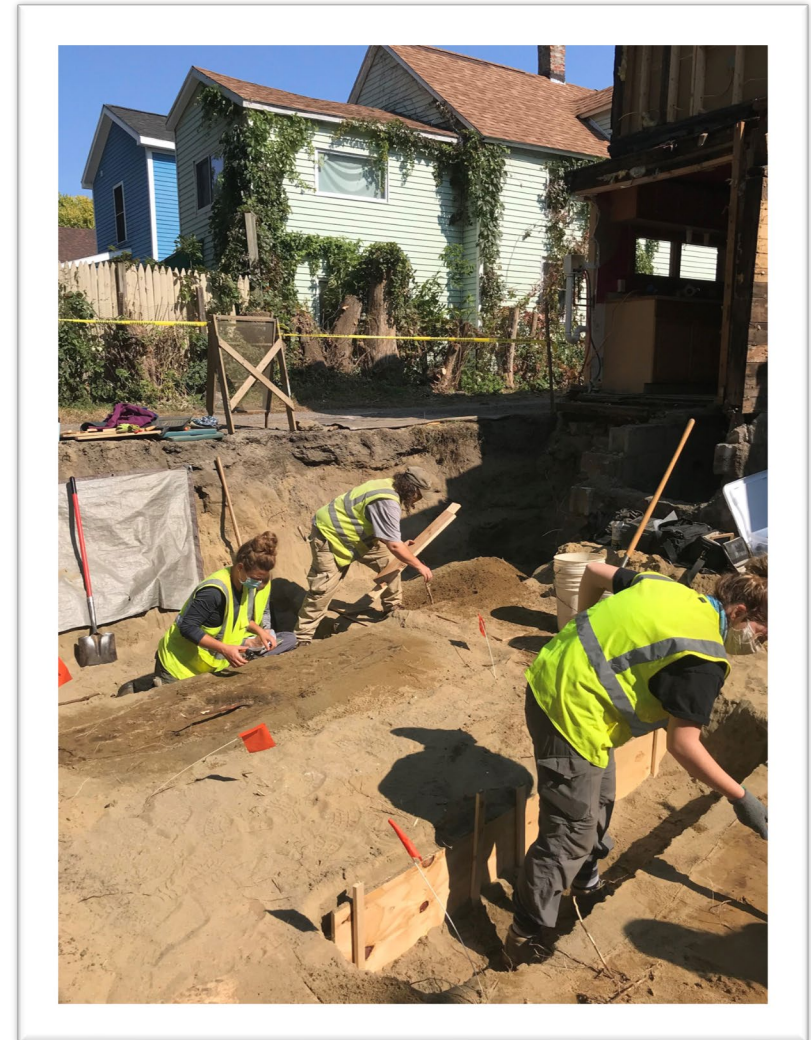
Fiscal Year 2025

Established 2001 Initial allocation: \$100,000

According to Statute 18 V.S.A. §5212b, the fund shall be used to monitor excavations; protect, preserve, move, or reinter unmarked burial sites and human remains; to perform archaeological assessments and investigations, including radar scanning and any other nonintrusive technology or technique designed to determine the presence of human remains; to provide mediation and other appropriate dispute resolution services; and to acquire property or development rights.

Currently: \$56,321

Recommended: \$25,000

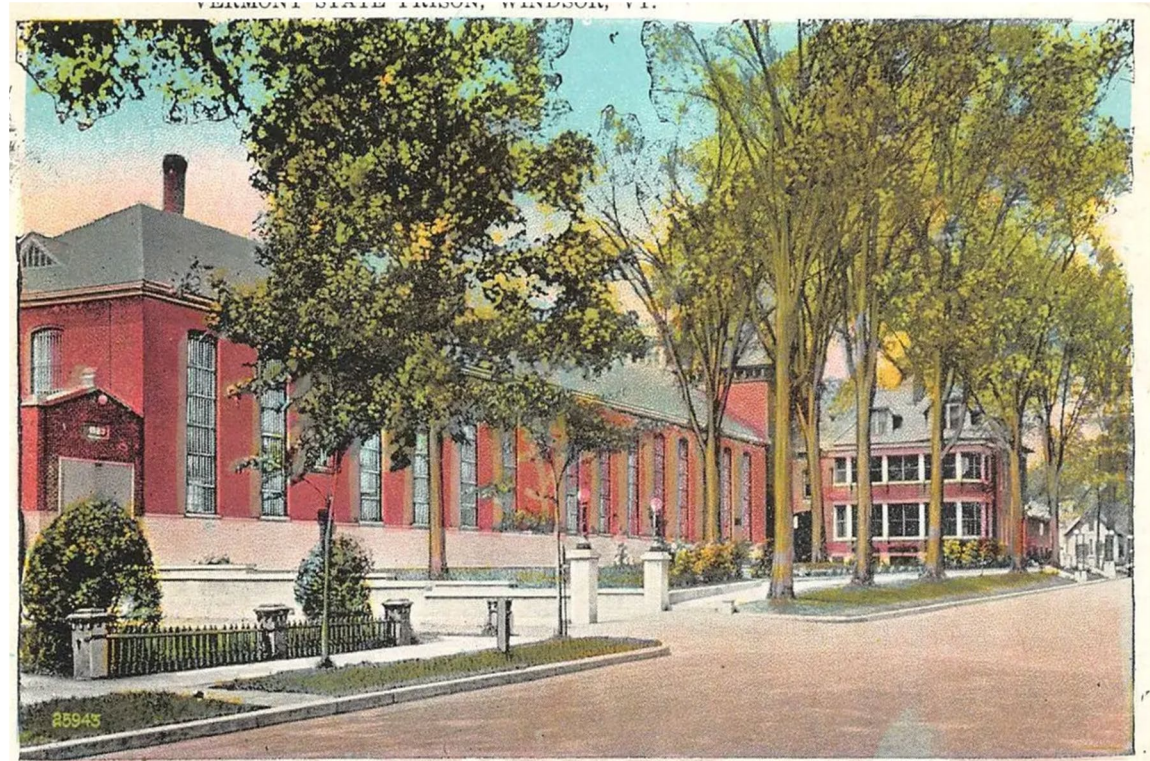


War of 1812 Excavation, Burlington 2020

Unmarked Burial Sites Fund: 2024 Anticipated Projects



Exploration of the two possible burial locations associated with the Vermont State Hospital, Waterbury



Exploration of the possible location of the burial location associated with the Vermont State Prison, Windsor



Capital Construction Budget

Section 4, Line 33: Roadside Historic Site Markers

Fiscal Years 2025

Established 1947 Production: 321+

The mission of the Historic Roadside Markers is to foster an understanding, appreciation of, and pride in the history and prehistory that influenced the development of Vermont, and how those events or people played a role in shaping our communities, state, and nation.

Currently \$10,326 (11 at foundry=\$16,756)
Recommended: \$25,000 (level funding)



Dedication Birthplace of Burton Snowboarding, Londonderry 2023

First Special Service Force, Colchester – August 2023 Dedication



Frederick Douglass and the 100 Conventions, Middlebury – September 2023 Dedication



Old Meeting House, East Montpelier – September 2023 Dedication



Capital Construction Budget

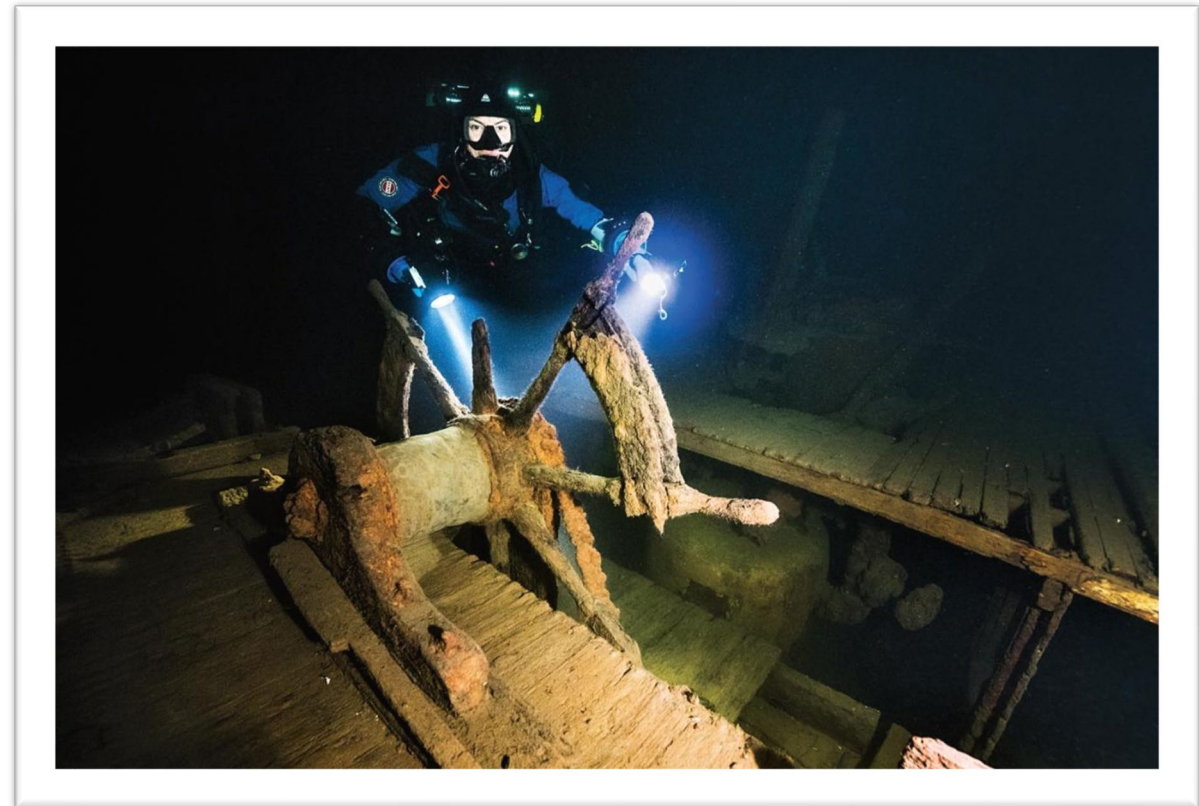
Section 4, Line 32: Vermont Underwater Historic Preserves

Fiscal Years 2025

Established 1982 Preserves Open: 11

The mission of the Underwater Historic Preserves is to preserve, protect, manage, interpret, and share the cultural and natural heritage of Lake Champlain, and keep it safe for (and from) the diving and boating public. The program is operated by the Vermont Division for Historic Preservation in partnership with the Lake Champlain Maritime Museum, a collaboration formed in 1982 that ensures the Underwater Historic Preserves foster awareness and provide public education of Vermont's underwater historic wrecks.

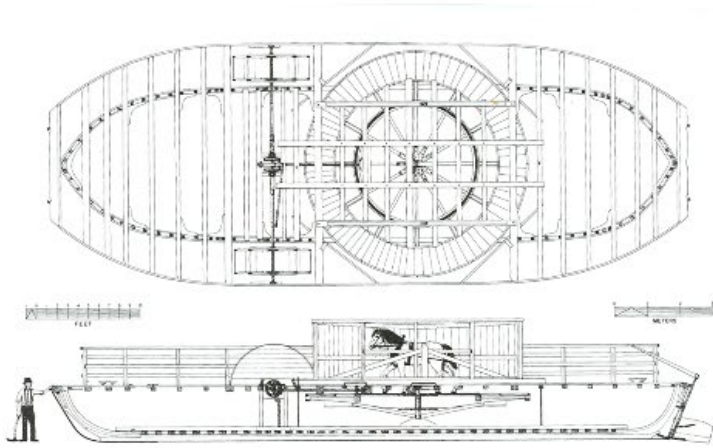
Currently: \$46,000 expended for 2023
Recommended: \$46,000



Wheelhouse of Tugboat U.S. LaVallee, Shelburne Bay, 2021



Painting of the General Butler by Ernie Haas and Sonor image of the General Butler on the bottom of Lake Champlain.



THE BURLINGTON BAY HORSE FERRY DECK CONSTRUCTION AND INBOARD PROFILE
 Figure 62. Horse ferry interior profile and deck construction. Drawing by Kevin Crisman.



	2022-2023 Seasons
Diver Preserve Visits	3,860

Preserves:

1. Lake Schooner Water Witch, Diamond Island+
2. Diamond Island Stone Boat+
3. Tugboat U.S. LaVallee, Shelburne Bay
4. Steamboat Phoenix, Colchester Shoal
5. Sloop Island Canal Boat
6. Sailing Canal Boat OJ Walker, Burlington Breakwater
7. Horse Ferry, Burlington Bay
8. Sailing Canal Boat General Butler, Burlington Breakwater
9. Coal Barge, Proctor Shoal
10. Providence Island Canal Sloop, Colchester Causeway*
11. Potash Point Canal Boat, Panton*

*new 2023 +closed 2023 due to flooding

Line drawing of the horse ferry and Shaft and paddlewheel



Capital Construction Budget

Section 4, Line 31: Historic Sites Maintenance Fund

Fiscal Years 2025

Established 1947

The Vermont State Historic Sites Program encourages the discovery and appreciation of the state's rich heritage through the stewardship and interpretation of historic sites that evoke an authentic sense of time and place. The specific mission of the Historic Sites Maintenance Fund is to ensure the proper preservation, restoration, and maintenance of these state and nationally significance properties, allowing continued public access, safety, education, and recreation.

Recommended: \$700,000



President Calvin Coolidge Boyhood Home, Plymouth Notch 2023

Vermont State Historic Sites

Site	Location	Buildings	Acres	Date of Main Resources
President Chester A. Arthur	Fairfield	3	40	Site 1829; 1953
Bennington Battle Monument	Bennington	2	4.5	1891
Burtch-Udall House (Theron Boyd)	Quechee	4	39	1786
Chimney Point	Addison	5	4.6	Native American; c. 1785
Old Constitution House	Windsor	1	1	Pre-1777
President Calvin Coolidge	Plymouth	29	216	1780-1927
Eureka Schoolhouse	Springfield	3	1	1790/1968
Forestdale Iron Works	Brandon	3	31.3	1824
Hubbardton Battlefield	Hubbardton	7	413	1777
Kents Corner	Calais	2	5	1833-7
Senator Justin Morrill Homestead	Strafford	12	6.2	1852
Mount Independence	Orwell	3	157	Native American; 1776-7

Historic Sites Maintenance Fund

FY24	\$500,000
FY23	\$683,000
FY22	\$350,000
FY21	\$250,000
FY20	\$250,000
FY19	\$300,000
FY18	\$200,000
FY17	\$200,000
FY16	\$200,000
FY15	\$200,000
FY14	\$200,000

- **Capital Bill Received:**

- **FY24 - \$500,000**

- **Capital Bill Recommendation:**

- **FY25 - \$700,000**

- **Anticipated Needs:**

- **FY26-27 - \$766,000-\$900,000+**

Future estimates based on current and future conditions assessments, design plans, energy efficiency, material costs, construction costs, and inflation expectations

❖ 1999 through 2021: line items annually ranged from \$50,000 to \$571,000 (in addition to Major Maintenance and excluding new construction)



Monument Road, Swanton

~ Native American Cemetery Stabilization

FY20-FY21= \$200,000 (\$12,042 remaining)

Vermont's first *State Archaeological Landmark*



State Archaeological Landmark Dedication, Swanton 2022

Bennington Battle Monument

Second Tallest Unreinforced Masonry Building in United States

2022-2023 Study and Planning Efforts:

Architectural & Engineering Survey (year-long)

\$241,015 (FY22-23)

Research & Documentation

Field Inspections

3-D laser scan (inside/outside)

Baseline Documentation – high resolution working drawings

Installation of Monitoring equipment (moisture/cracking)

High-Ropes Access/Visual Field Inspection with Instrumentation

Discussion of Interim Procedures for Elevator

Elevator - analysis w/ proposed scope for ongoing elevator maintenance and service until restoration complete

2023 Study and Planning Efforts Amendments:

\$413,500 (FY23-24-25)

Masonry Conservation Study

Hygrothermal Review and Geotechnical Investigation

Mechanical and Structural Engineering

Water Infiltration Testing

Preservation Analysis and Masonry Testing

Schematics and Costs

Lightening Protection

Petrography Testing

Elevator Improvements

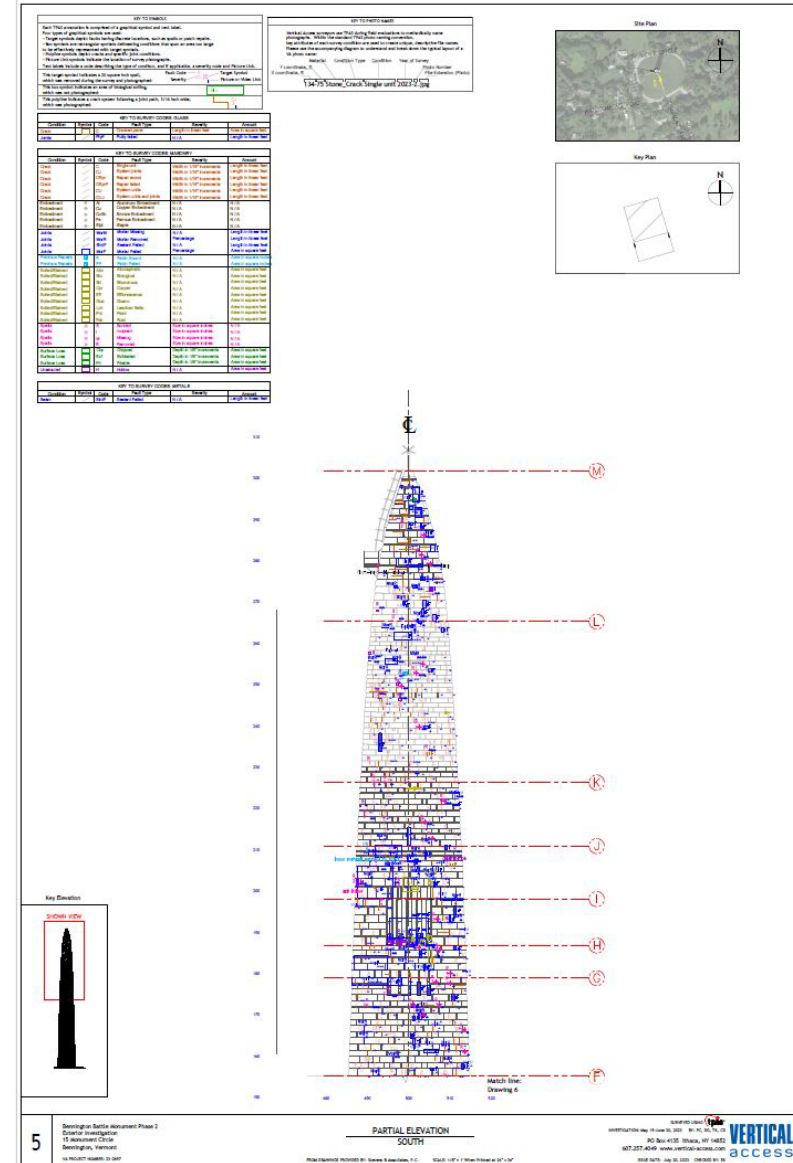
Total Study Effort to Date: \$654,015

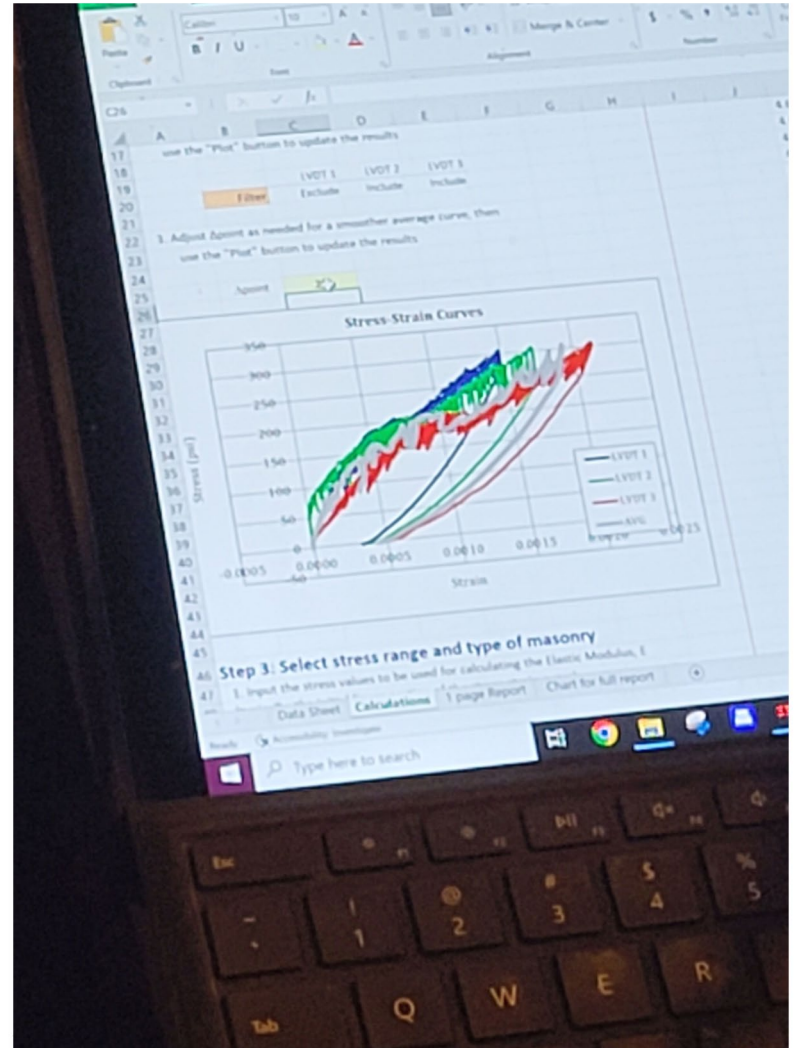
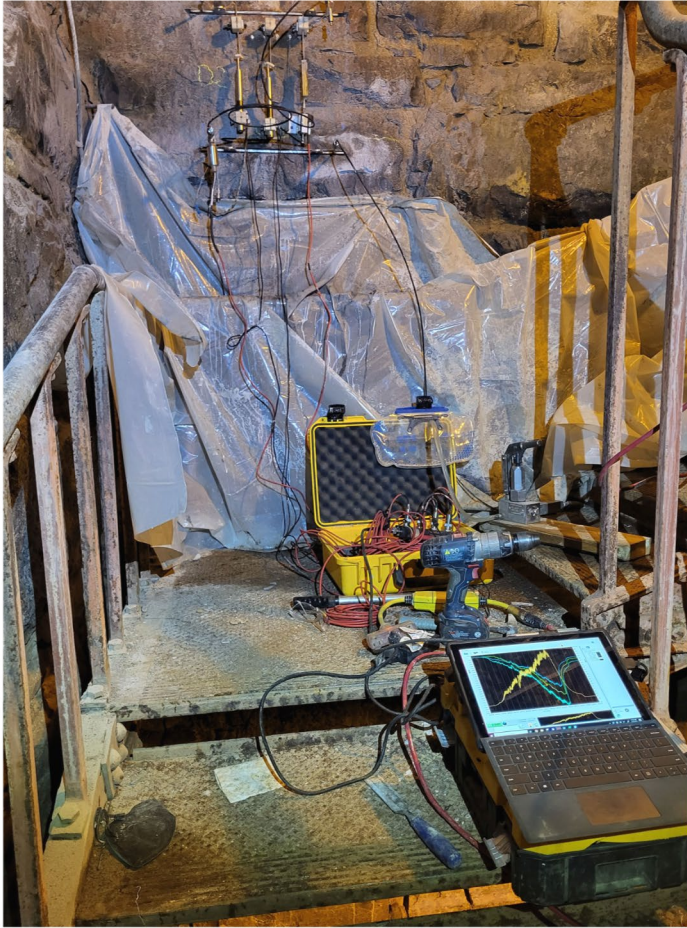
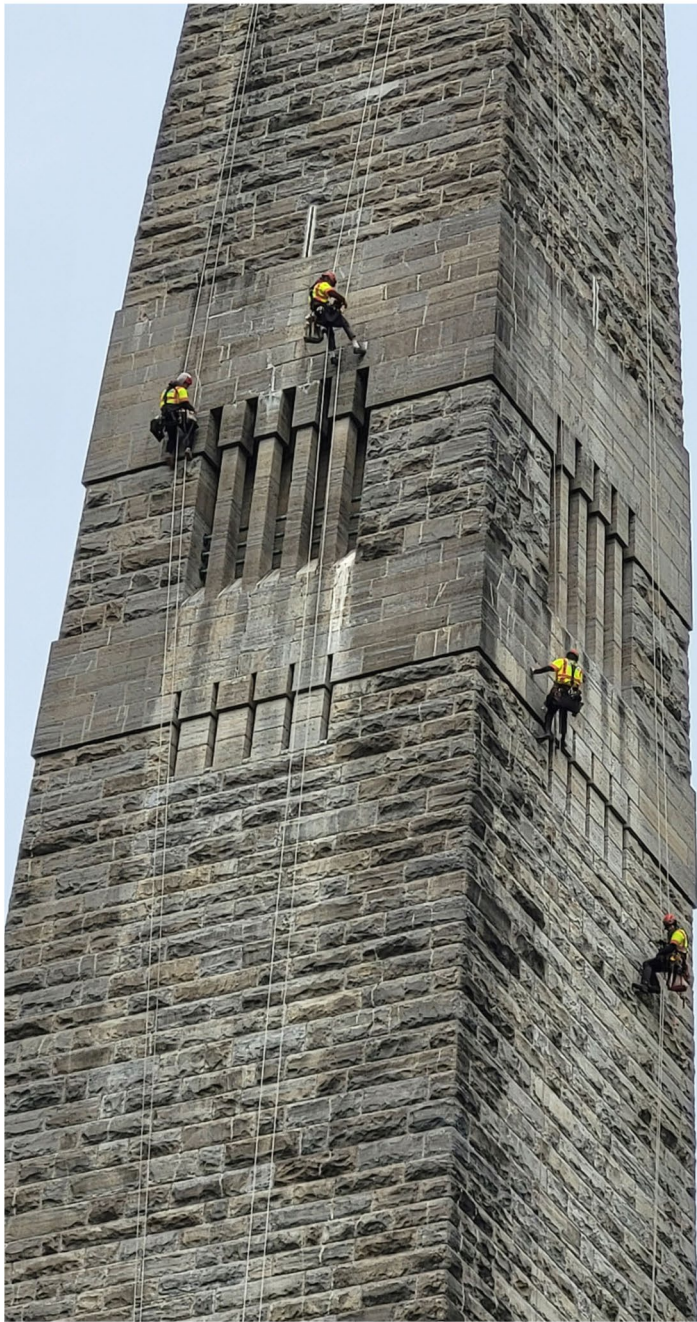
Visitation Average: 24,000 Revenue Average: \$230,000



Bennington Battle Monument, Bennington 2023

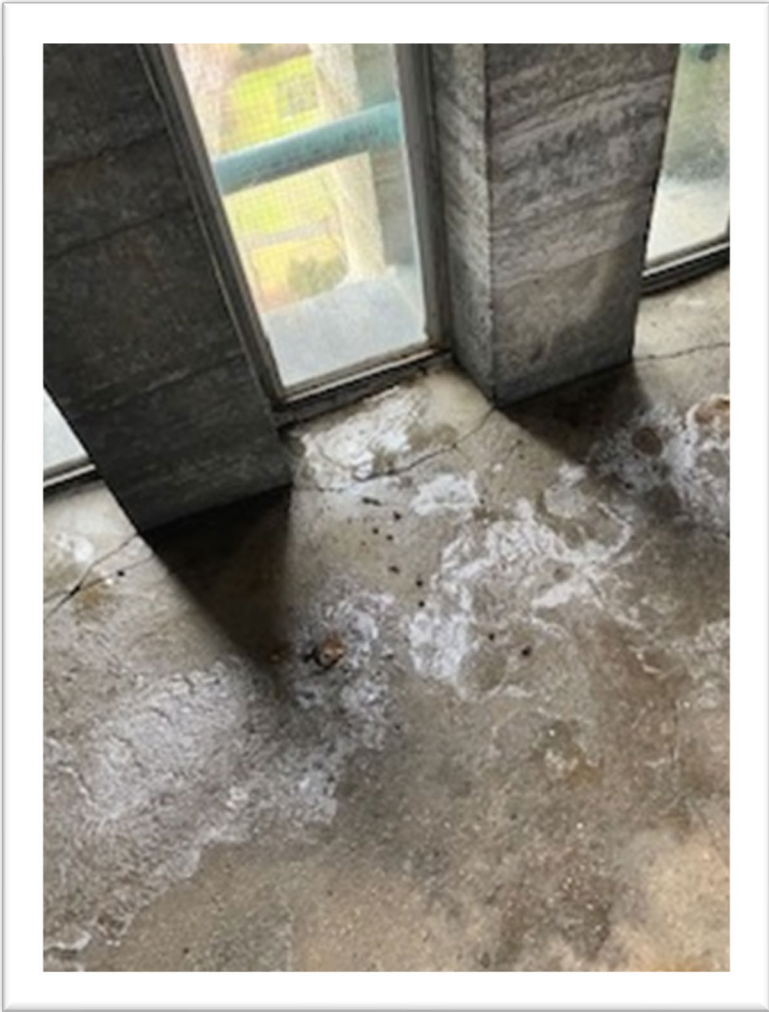
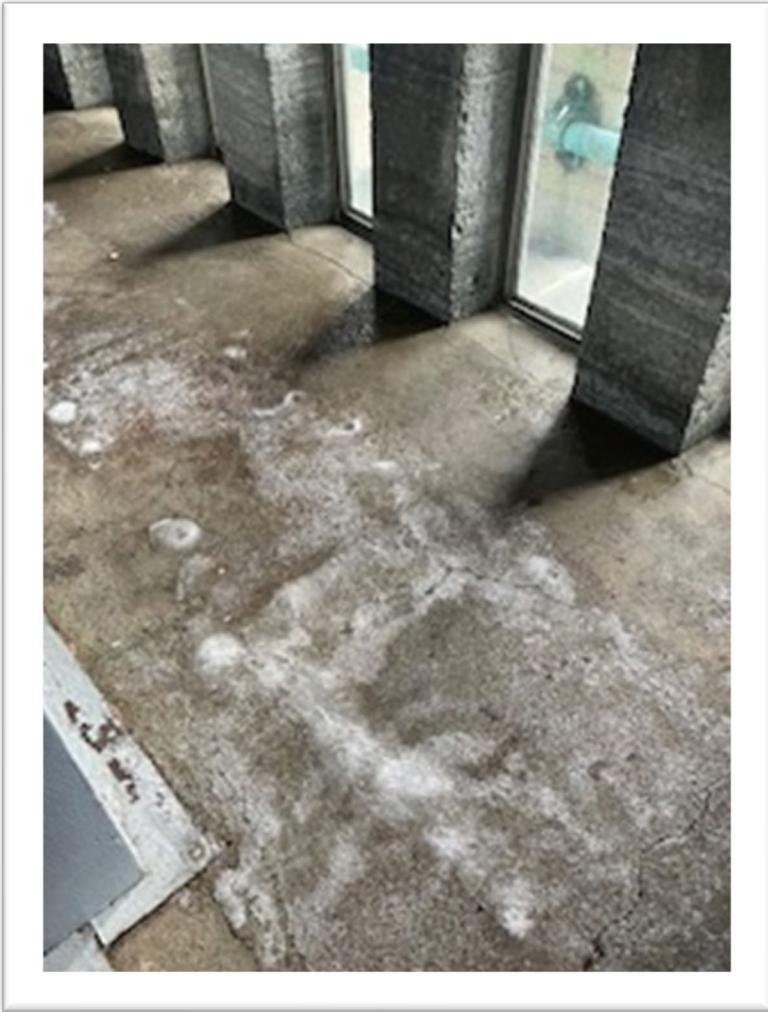
Block	Condition	Sum of Amount	Block Count	Sum of Severity
ArchMetal_Connection	Fastener failed	1	1	0
ArchMetal_Note	Misc photo	0	1	0
ArchMetal_SoilStain	Guano	3.096	1	0
ArchMetal_Unsecured	Loose	1.694	2	0
Glass_Crack	Cracked pane	1.062	3	5.8
Stone_Crack	Repair failed	4821.984	295	98.5
	Repair removed	2.72	4	2
	Repair sound	8.181	5	0
	Single unit	111.131	63	41.75
	System joints	4.717	1	1
	System units	54.196	10	2
Stone_Embedment	System units and joints	1698.861	154	23.5
	Copper Embedment	0	5	0
	Ferrous Embedment	0	4	0
Stone_Joints	Other Embedment	0	18	0
	Mortar Caulked	12	1	0
	Mortar Failed	1303.651	46	750
	Mortar Missing	417.62	201	129
	Mortar Removed	25.919	24	0
Stone_Note	Sealant Failed	67.968	11	50
	Misc photo	0	62	0
	Photo-general	0	40	0
	Dutchman Failed	18	1	0
Stone_Repair	Patch Failed	3116	26	0
	Patch Removed	214	6	0
	Patch Sound	1363	6	0
	Atmospheric	8.575	1	0
Stone_SoilStain	Biological	120.974	5	0
	Bituminous	11.884	1	0
	Efflorescence	22.603	10	0
	Guano	17.929	2	0
	Leached Salts	169.851	10	0
	Bonded	0	4	38
Stone_Spall	Incipient	0	3	18
	Missing	0	15	249
	Removed	0	12	129
	Exfoliated	4.757	4	6
Stone_SurfLoss	Exfoliation	14.87	3	3
	Friable	1.898	1	2
	Borescope	0	3	0
Test_Location	Sampl	0	1	0
	Sample	0	2	0
	Totals:	--	13620.141	1068











Bennington Battle Monument Observation Deck February 2024

Senator Justin Morrill Homestead, Strafford

First Recognized National Historic Landmark in Vermont

Drainage & Water Management Project

Federal Grant Award	\$226,725
Vermont Grant Match	\$279,031
Final Structural Repairs	<u>\$300,000</u>
Overall Estimated Costs	\$805,756

2021-2023 Efforts Completed:

- Survey and Documentation of Site
- Wetlands Investigation
- Ground-Penetrating Radar and Archaeology Fieldwork
- Design and Construction Management Services
- July Flood Response

2024-2025 Efforts Expected:

- July Flood Recovery and Mitigation
- Complete Construction Drawings
- Contracting and Construction (2025 – site closed)



Senator Justin Morrill Homestead, Strafford 2023

Visitation Average: 700 Revenue Average: \$3,000



President Coolidge Boyhood Home, Plymouth

Presidential Village Recognized a National Historic Landmark

- Homestead – Structural repairs and ADA access
- Summer White House/Cilley Store/Post Office – Cedar Roof Replacement
- Birthplace – Chimney Stabilization and Framing Repairs
- Pathways and ADA grounds/parking/signage

2021-2023 Efforts:

A/E Drawings to CD set	\$66,030
Pathways/Civil	\$ 7,456
ADA ramp for Homestead	\$20,430

2024 Projected Efforts :

Estimated Cost	\$ 700,000
Includes Construction Management/General Contractor	



President Calvin Coolidge Boyhood Home Parlor, Plymouth Notch 2023

Visitation Average: 16,000 Revenue Average: \$180,000



July 2023 Flood: Justin Morrill Homestead, Old Constitution House, and Theron Boyd House



**FEMA Public
Assistance Request:
\$900,000** (as of 2/2/2024)



Theron Boyd Basement



Morrill Homestead Basement



Morrill Education Center Basement



Old Constitution House Porch

Request for \$200,000 Additional Funding Ensures:

- **Senator Justin S. Morrill State Historic Site, Strafford**
 - **Project:** Critical drainage and water management to mitigate water intrusion into 1851 house by reducing the downslope flow of surface water and roof run-off, and address damage to foundation caused by decades of several water-related conditions.
 - **Delay of project threatens grant award and accelerates continuing deterioration of historic house**
- **President Calvin Coolidge State Historic Site, Plymouth Notch**
 - **Project:** Essential foundation and structural stabilization of the Coolidge family home, where Calvin Coolidge was sworn in as President of the United States in 1923. A museum since 1956, the boyhood home of President Coolidge requires significant ADA accessibility upgrades to meet current standards and fire safety requirements to ensure it can remain open to public. Project planned and designed.
 - **Estimated Costs:** FY25 \$300,000 (foundation and structural) and FY26 \$395,000 (complete structural, accessibility and egress)
 - **Delay threatens physical integrity, preservation, and safety of the boyhood home, which welcomes nearly 10,000 visitors annually and is a primary revenue generator for the State Historic Sites. This project includes mandatory code compliance efforts including ADA accessibility and egress that do not currently meet code and were the drivers to get this work initiated.**
- **Bennington Battle Monument State Historic Site, Bennington**
 - **Project:** Annual hazard maintenance of 1887-1891 monument commemorating pivotal Revolutionary War battle of August 16, 1777. Owned by the State of Vermont since 1953, the monument is the tallest unreinforced masonry structure in the United States. Study documented deteriorated limestone that is cracking and spalling, endangering the staff and public on Monument Circle and requiring annual hazard maintenance until full rehabilitation project can be undertaken.
 - **Estimated Costs:** FY25 \$208,000
 - **Delay of full restoration project requires annual public safety measures including removal of loose exterior materials and hazards via industrial rope access, customized elevator service, monitoring of stairs, elevator, fire safety, and structural cracking acceleration.**



Capital Construction Budget

Section 5, Line 39: Historic Preservation Grants

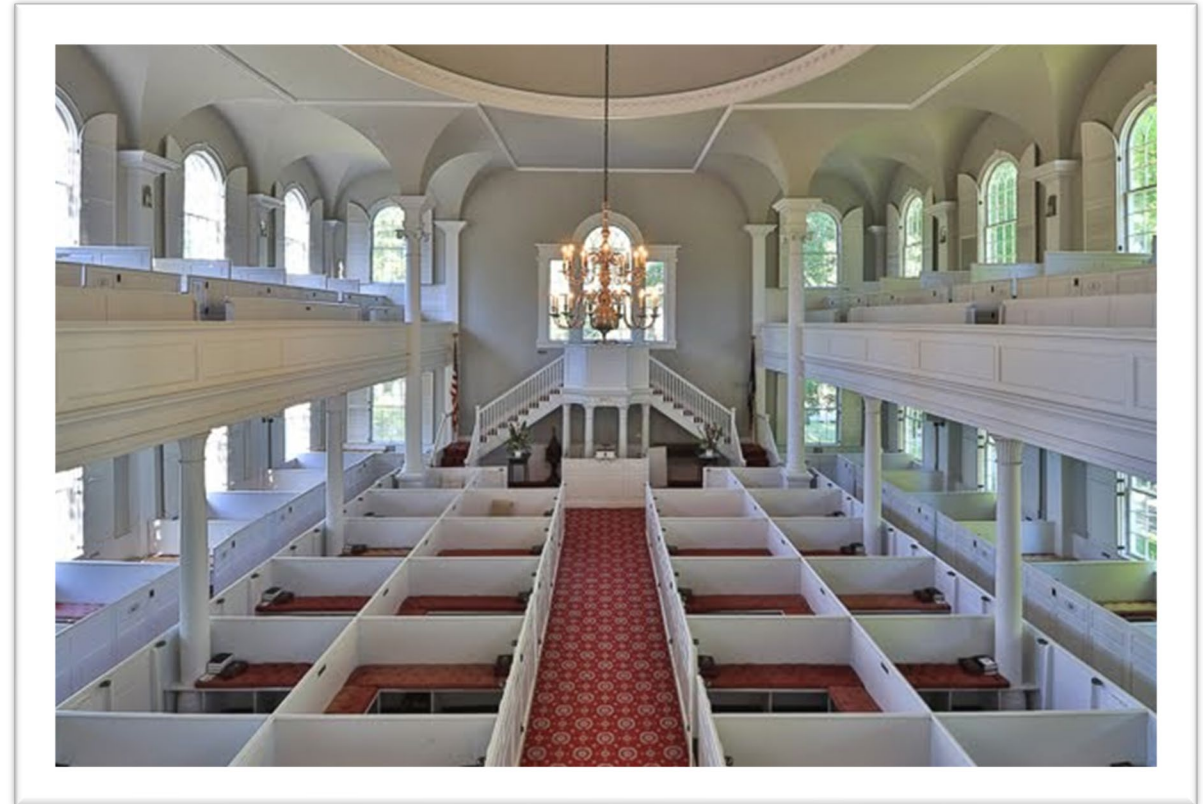
Fiscal Year 2025

Established 1986

\$20,000 grant award

The mission of the Historic Preservation Grants program, administered by the Vermont Division for Historic Preservation, is to assist municipalities and non-profit organizations rehabilitate and actively use the buildings that make up a vital part of Vermont's historic downtowns, villages, and rural communities. These grants ensure restoration and proper stewardship of our visual landmarks and increase the livability of Vermont places

Recommended: \$300,000 (level funding)



Old First Church Sanctuary, Bennington \$20,000

Grant Award Year	# of Grant Applications	# of Grants Awarded	Grant Amount Requested	Grant Amount Awarded	Total Project Cost
2024	38	19	\$622,556	\$319,090	\$1,786,011
2023	38	20	\$606,251	\$321,363	\$935,463
2022	41	19	\$639,596	\$299,325	\$1,040,852
2021	37	13	\$550,669	\$204,896	\$465,818
2020	52	17	\$753,565	\$236,066	\$623,150
2019	43	14	\$633,343	\$212,982	\$734,636
2018	48	16	\$700,496	\$225,035	\$1,267,913
2017	48	15	\$702,420	\$195,779	\$632,820
2016	56	12	\$871,939	\$199,367	\$561,565
2015	40	18	\$631,794	\$253,220	\$877,957
2014	50	17	\$756,855	\$257,404	\$627,788

Since 1986, supported rehabilitation and preservation of 635 community buildings, totaling \$6.4 million in grant funds.



Grand Isle Lake House \$20,000



Braintree Hill Meeting House \$20,000



West Townshend Stone Arch Bridge \$20,000



St. Johnsbury North Congregational Church \$20,000



Tunbridge Baptist Church \$14,000



Burlington Central Fire Station \$20,000



Capital Construction Budget

Section 5, Line 40: Barn Preservation Grants

Fiscal Year 2025

Established 1992 \$15,000 grant award FY23
 \$20,000 grant award FY24+

The mission of the Barn Preservation Grants program, administered by the Vermont Division for Historic Preservation, is to assist individual property owners, farmers, municipalities, and non-profit organizations to rehabilitate and actively use historic agricultural buildings that are symbols of and essential to Vermont's rural and working landscapes. These grants ensure restoration and proper stewardship of our agricultural landmarks and working buildings, increase the livability and workability of Vermont places.

Recommended: \$300,000 (level funded)



The Barnyard, Cornwall \$15,000

BARN GRANTS Fiscal Year	# of Grant Applications	# of Grants Awarded	Grant Amount Requested	Grant Amount Awarded	Total Project Cost
2024	28	Awarded February 2024	\$477,574	Awarded February 2024	\$1,321,216 (if all awarded)
2023	39	30	\$503,940	\$372,988	\$1,046,550
2022	52	22	\$646,120	\$299,325	\$999,674
2021	44	20	\$523,904	\$230,866	\$594,949
2020	39	19	\$488,077	\$227,197	\$646,369
2019	51	15	\$720,336	\$203,126	\$619,023
2018	45	17	\$430,350	\$236,864	\$815,131
2017	33	17	\$413,815	\$211,369	\$596,706
2016	48	20	\$633,637	\$232,467	\$765,467
2015	32	21	\$378,559	\$247,134	\$589,887
2014	39	20	\$531,080	\$282,778	\$659,192

Since 1992, provided \$4.73 million in grant funding to support 483 projects devoted to the repair and restoration of Vermont's historic agricultural buildings



Canfield Farm, Arlington \$15,000



Cary Sugar House, Danville \$15,000



Templeton Farm, East Montpelier \$15,000



Howe Brothers Farm, Tunbridge \$15,000



Walnut Hill Farm, Pawlet \$15,000



Thank you for your
support of
Vermont's heritage