

Town of Underhill

ARPA Funds Use Proposal – PHASE 1

Committee/Group/Individual Requesting Funding:

Contact Name: Trinity Schroeter

Phone Number: 201.966.1233 **Email:** trinity.schroeter@gmail.com

Date: 01/29/2023

Proposal Name/Brief Description: “Monarch Education and Waystations”

“Each fall, hundreds of millions of monarch butterflies migrate from the United States and Canada to mountains in central Mexico where they wait out the winter until conditions favor a return flight in the spring. The monarch migration is truly one of the world's greatest natural wonders yet it is threatened by habitat loss at overwintering grounds in Mexico and throughout breeding areas in the United States and Canada.”

<https://monarchwatch.org/waystations/>

In 2022, Monarchs were listed as endangered by the International Union for Conservation of Nature, due to habitat destruction and climate change.

<https://www.iucn.org/press-release/202207/migratory-monarch-butterfly-now-endangered-iucn-red-list>

The Vermont State Butterfly is the monarch.

<https://val.vtecostudies.org/projects/vermont-butterfly-survey/monarch/#:~:text=First%20proposed%20by%20a%205th,butterfly%20on%20July%201%2C%201987.>

Underhill, Vermont provides important breeding and migratory habitat to Monarchs who perform the final leg of the multi-generational journey to their overwintering grounds in Mexico, approximately 3,000 miles from Vermont.

Wouldn't it be a bright spot in our sometimes hurried, stressed, or otherwise dark world if every child could experience the wonder of raising a monarch from egg or caterpillar to adulthood and setting it free? Several teachers in Underhill schools have been raising monarchs in the classroom for years. With ARPA funds available, wouldn't it be wonderful if all teachers could have the opportunity to raise monarchs with their students, from preschoolers to high school biology students? If so, then each teacher should have the proper equipment to rear, test, tag and release healthy monarchs!

How about a monarch specific butterfly garden, or “waystation*” at each school so that migrating monarchs can find a spot to rest, breed and refuel on their journey south? A space where children can enjoy a quiet, unhurried moment to observe nature in progress and nourish their souls? Having a place for children to observe monarchs in their “natural” habitat is intrinsically valuable and builds a sense of connectedness to the natural world. Monarchs are nature's ambassador teachers of science, geography, responsibility and open doors to a child's natural curiosity, critical thinking and so much more. The following schools agree that they would like to support the monarch and the natural

curiosity of their students, but will need our support, the tools and equipment to do so: Underhill ID, Underhill Central School, Browns River Middle School, Mount Mansfield Union High School.

“*Monarch Waystations are places that provide resources necessary for monarchs to produce successive generations and sustain their migration. Without milkweeds throughout their spring and summer breeding areas in North America, monarchs would not be able to produce the successive generations that culminate in the migration each fall. Similarly, without nectar from flowers these fall migratory monarch butterflies would be unable to make their long journey to overwintering grounds in Mexico. The need for host plants for larvae and energy sources for adults applies to all monarch and butterfly populations around the world.”

<https://monarchwatch.org/waystations/>

Estimated Cost/Description of Estimate Process (use the space here and attach additional pages and any supporting documents):

4 Monarch “Waystations”: UID, UCS, BRMS, MMU

A 10x10’ waystation would provide milkweed plants where students could gather eggs and caterpillars for study, rearing, testing, tagging and release. Students could learn how to gather and germinate milkweed and other pollinator plant seeds in order to continue and expand plantings annually. Such a waystation could cost **approximately \$750** to initiate.

Each Waystation could apply and be registered with MonarchWatch and receive an official MonarchWatch placard for approximately **\$44** total.

https://monarchwatch.org/waystations/waystation_application.pdf

4 Mini Kiosks: UID, UCS, BRMS, MMU

Each Waystation would benefit from a mini kiosk to present information to the school and local community, including butterfly statistics for each garden, i.e. how many eggs, caterpillars, butterflies collected for study/rearing, number of butterflies tagged each season, plant species identification, etc. A basic mini kiosk unit would cost **\$2,000 + tax**. A double-sided Kiosk with plexiglass signboard covers, brochure holder and registration box would cost approximately **\$3,266 each**, including tax, *but does not include site prep and installation*.

<https://timberhomesllc.com/our-work/structures-for-parks/trailhead-kiosks/the-mini/>

19 Caterpillar Kits for Rearing, Testing and Tagging Monarchs:

19 Classrooms UID (2), UCS (8), BRMS (4), MMUHS (5): would require a set of the following educational materials for studying monarchs, rearing, testing, tagging and releasing monarchs each year, including:

Critter carriers for collecting and rearing monarchs, field microscope for disease testing, tongs/tweezers for handling leaves/eggs, butterfly nets, monarch life cycle poster, monarch rearing literature, MonarchWatch tags for tracking reared monarch migration patterns, cleaning and feeding supplies, milkweed germination supplies. The cost per classroom would be approximately **\$200**.

Total Educational Investment for 4 schools:

4 Waystations: Total \$3,176

4 Educational Mini Kiosks: Total \$8,348 + tax - \$13,388 including tax, *not including sitework and installation*

19 Caterpillar Kits - Total \$3,800

Total Educational Investment: \$15,324 - \$20,364, *not including sitework and installation expenses*

****Consider requesting Jericho to contribute towards the UID, BRMS and MMU educational investment.***

Town of Underhill

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Please Answer the following questions by marking the

answer in the space provided. **Benefit to Town of**

Underhill

Does this proposal

YES NO Not Sure

Invest in the town without creating a need for additional or ongoing revenue or expenses? Is this a one-time expense?			x
Benefit a population that was disproportionately impacted by the pandemic?		x	
Benefit a population underserved prior to the pandemic?		x	
Mitigate and/or help the Town adapt to the effects of climate change?	x		
Improve or create infrastructure for Underhill? Ex. Natural resources, pedestrian access, transportation but not limited to	x		
Align with or impact the goals and priorities of the Town Plan? LINK	x		

Comments:

Feasibility of Project

YES NO Not Sure

Can this proposal

Be fully planned, estimated and obligated to the Town by December 31, 2024?	x		
Be fully completed and paid for by the end of 2026?	x		
Be used to leverage or match other grants, funds or projects?			x

Please attach estimates, quotes, drawings, or supporting documents or elaborate in any way you would like. Please note that the ARPA Advisory Committee only recommends projects to the Selectboard and the Selectboard has the ultimate authority to allocate the funds. [17 V.S.A. §](#)

Links and More Information:

Final Rule – Overview at <https://home.treasury.gov/system/files/136/SLFRF-Final-Rule-Overview.pdf>

Final Rule – FAQ's at <https://home.treasury.gov/system/files/136/SLFRF-Final-Rule-FAQ.pdf>

Specific Information for Town of Underhill at <https://www.underhillvt.gov/vertical/sites/%7B4E962BB9-B4BB4504-A3EE>

[ED54521A1BCE%7D/uploads/Coronavirus_Local_Fiscal_Recovery_Fund_Overview_Presentation_06092022.pdf](https://www.underhillvt.gov/vertical/sites/%7B4E962BB9-B4BB4504-A3EE/uploads/Coronavirus_Local_Fiscal_Recovery_Fund_Overview_Presentation_06092022.pdf)

Phase 1 - ARPA/SLFRF Funding 10/26/22

Tschroeter - ARPA Proposal Phase 1

Monarch Education and Waystation Proposal - Signage Kiosks by TimberHomes Vermont



Mini Kiosk Details and Features:

- \$2,000 not including taxes, delivery or installation.
- Locking plexiglass cover
- Double sided plexiglass option, additional \$600
- Brochure Box - \$275
- Registration Box - \$400

Tschroeter - ARPA Proposal Phase 1

Kiosk - Additional Items

Registration Box - \$400 ea

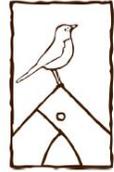


Brochure Box - \$275 ea





802-685-7974
 21 Fork Road Montpelier, VT 05602
 6335 VT Rt. 113, Vershire, VT 05079



Structure with Soul

timberhomesvermont.com

Trinity Schroeter
 Underhill, VT
 201 966 1233
 trinity.schroeter@gmail.com
 Wednesday, February 1, 2023



Proposal for Four TimberHomes Mini Kiosks

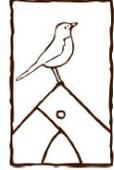
- Mini signboard will be produced as per website description. They will be fully assembled and ready to install after re-installing roof metal.
- Signboard is an unstained tongue-in-groove eastern white cedar, covered by a top hinged, lockable Cherry/Plexi Signboard cover.

Driver will need help to unload. Installation not included.

TimberHomes Mini Kiosk- volume discount of \$100 each		\$7,600
Option- cost to double side Mini-\$600 each		\$2,400
Option- addition of 4 Brochure Boxes- clear-\$275 each		\$1,100
Option- addition of 4 Registration Boxes-\$300 each		\$1,200
Loading and Delivery- includes other Mini and Classic Kiosk in other quotes		\$348
Subtotal with all options and delivery		\$12,648
Total with tax		\$13,407



802-685-7974
21 Fork Road Montpelier, VT 05602
6335 VT Rt. 113, Vershire, VT 05079



Structure with Soul

timberhomesvermont.com

Anticipated Delivery: **Summer 2023**. Please expect 8-16 weeks for completion of product depending upon seasonal demand

Delivery fee will be deducted from total if unit(s) are picked up. Though without proof of tax exemption, VT State sales tax (6%) will be charged to transaction.

Balance due upon receipt. Client is responsible for all and any State sales tax due. Quoted price good for 30 days. Interest shall accrue on the outstanding balance of principal at the rate of seven percent (7%) from the date of receiving the product if not paid in full within 45 days.

Purchases by credit card will incur an additional 3.25% to invoice total.

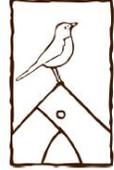
I acknowledge that I have read the "Nature of Wood" tab at www.timberhomesllc.com. By signing below, you are committing to paying the above total in full under the terms specified within this contract; that the above specifications are in order; and that TimberHomes is authorized to proceed with production.

NAME, ORGANIZATION

Date



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21 Fork Road Montpelier, VT 05602
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Structure with Soul

timberhomesvermont.com

Limited Warranty

THIS LIMITED WARRANTY CONTAINS IMPORTANT INFORMATION ABOUT YOUR RIGHTS AND OBLIGATIONS, AS WELL AS LIMITATIONS AND EXCLUSIONS THAT MIGHT APPLY TO YOU.

We have high standards for our designs, our craftsmanship, and for the quality of our wood. We expect a long service life from all of our products under normal conditions. TimberHomes stands behind its products and stands behind your purchase.

Warranty Coverage

Timber: We warrant our kiosks for one year against defects in workmanship and materials. The Warranty extends to all of the timber joinery that was pre-fit in our shop. Timbers come unfinished. Therefore, we do not warrant the wood against greying, checking (cracks), twisting, or shrinking. Wood may take any of these forms in time and these conditions do not represent structural degradation or a defect in workmanship or materials.

Timber Framed Structure: We warrant the timber-framed structure against rot for five years from date of manufacture. We do not warrant the timber-framed structure against insect or animal damage, or any other damage caused by forces from outside the wood itself.

Posts: We warrant our posts against rot for five years. Our five-year warranty on the posts is only valid if the posts are buried in accordance with our instructions and to our specifications. *Burial in concrete nullifies the warranty.*

Roof: We warrant the roof against leaks for five years.

Doors and Hardware: We warrant doors and hardware for defects in workmanship for two years.

Time: Our warranty begins to run on the date that we ship our products from our shop to you.

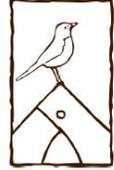
Warranty Conditions and How to Make a Claim under this Warranty

If our work does not meet your expectations or the warranties expressed here, please contact us within thirty days of discovering the problem by email at info@timberhomesllc.com. If you do not have access to email, contact us in writing by mail at 21 Fork Road, Montpelier, VT 05602 or by phone at 802-685-7974.

Even after the warranty period has expired, we are here as a resource in case one of our products needs repair or you have any questions.



802-685-7974
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Structure with Soul

timberhomesvermont.com

If You Have a Claim Under this Warranty

If our products fail to conform to this Warranty, we will supply replacement components within the warranty period. We will ship replacement components at our expense using a method of shipment of our choice. This is our sole obligation under this Warranty. We warrant replacement parts for 90 days after we ship them to you, or for the remaining Warranty period, whichever is longer.

Not Covered by this Warranty

We do not extend this Warranty to our products or components of our products that have been subject to: (a) modifications, alterations, tampering, or improper maintenance or unauthorized repairs; (b) handling, storage, installation, testing, or use that is not in accordance with our instructions and specifications.

WE DISCLAIM ALL EXPRESS, IMPLIED, AND STATUTORY WARRANTIES AND CONDITIONS WITH RESPECT TO THE PRODUCT, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, WE LIMIT THE DURATION OF ANY APPLICABLE IMPLIED WARRANTIES OR CONDITIONS TO THE DURATION OF THIS LIMITED WARRANTY.

IN NO EVENT WILL WE BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, EXEMPLARY, OR SPECIAL DAMAGES, INCLUDING ANY DAMAGES FOR LOST PROFITS, ARISING FROM OR RELATING TO THIS LIMITED WARRANTY OR THE PRODUCT. OUR TOTAL CUMULATIVE LIABILITY ARISING FROM OR RELATED TO THIS LIMITED WARRANTY OR OUR PRODUCTS AND COMPONENTS WILL NOT EXCEED THE AMOUNT ACTUALLY PAID BY THE ORIGINAL PURCHASER.

Long-Term Care

Long-term care: While this Limited Warranty does not cover the appearance of the wood and timber in our products, we have some final notes about long term care of our timber products. You can finish your timbers and cherry door frames with any variety of products to stain or preserve the color. We recommend something simple, like Heritage Finishes' Exterior Oil.

Final Notes

This Limited Warranty gives you specific legal rights. You may also have other legal rights that vary by state, province, or jurisdiction. Likewise, some of the limitations in this Limited Warranty may not apply in certain states. The terms of this Limited Warranty will apply to the extent permitted by applicable law. For a full description of your legal rights, you should refer to the laws applicable in your jurisdiction.

Our Warranty is transferable from the original purchaser to subsequent owners, but the Warranty Period will not be extended in duration or expanded in coverage for any such transfer.