



## **NOTICE OF PUBLIC MEETING SUDBURY CONSERVATION COMMISSION**

The Sudbury Conservation Commission will hold a public meeting to review the Request for Determination of Applicability filing, under the State Act and local Wetland Bylaw, to replace and extend a boardwalk within the Wetland Resource Area at the Memorial Forest (0 Dutton Road, Parcel J03-0001), in Sudbury, MA. Walker Fryling, applicant. The hearing will be held on Monday, May 10, 2021 at 6:45 pm, via remote participation.

Copies of the application may be reviewed on the Conservation Department web page at:  
<https://sudbury.ma.us/conservationcommission/meeting/conservation-commission-meeting-monday-may-10-2021/>

Please contact the Conservation Office with any questions at 978-440-5470.

SUDBURY CONSERVATION COMMISSION  
April 27, 2021

## Project Description and Benefit

Briefly describe your project

My project is to replace an existing boardwalk in The Memorial Forest located off Dutton Road in Sudbury near the Women's Federation. (See picture 1)  
It is connected to a bridge over Hop Brook.  
The existing boardwalk has 11 sections, each roughly 8 feet long, totaling 88 feet. (See picture 5)  
The boardwalk will be completely removed and replaced with the new one.  
The new boardwalk will follow the footprint of the existing boardwalk, and also have 11 sections that are each 8 feet long.  
One end will be bolted to the existing bridge that it comes off of.  
Each unit will be built square, and wedges will be bolted to the end boards to make the 3 changes in direction.  
The units will rest on top of concrete blocks and each section will be anchored by 1 ground auger anchor. (See picture 7 and 8)  
The recipient would like to extend the new boardwalk by up to 6 sections. (See picture 6)  
We are committing to replacing the existing 11 sections, but would consider building more if funding allows.  
SVT may have funds available.  
As for installation, we also commit to helping install the 11 replacement sections.  
We have confirmation from the recipient that they can help provide volunteers for installation.  
Scouts can participate in the construction of the units offsite and possibly the installation.  
The boardwalk does not need to be handicap accessible.  
The boardwalk is 12.75" off the ground so no railing is necessary.  
We aim to make the transition from the bridge to the boardwalk flush.

### ***Include images on an additional document.***

Tell how your project will be helpful to the beneficiary. Why is it needed?

The new boardwalk will benefit SVT and all who use it.  
The current one is old and sags in the middle.  
It is narrow and hard for both people and dogs to walk on.  
This leads to dogs walking on the surrounding environment instead of the boardwalk, causing damage.  
The new boardwalk would be sturdier, wider, and easier to walk on. (Wider than the two planks not the supports)

When do you plan to begin carrying out your project?

Building units ASAP, Installation in July of 2021

When do you think your project will be completed?

July 2021





Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Wetlands

Sudbury  
City/Town

**WPA Form 1- Request for Determination of Applicability**

Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

**A. General Information**

**Important:**  
When filling out  
forms on the  
computer, use  
only the tab key  
to move your  
cursor - do not  
use the return  
key.



1. Applicant:

Sudbury Valley Trustees

Name

dstimson@svtweb.org

E-Mail Address

18 Wolbach Road

Mailing Address

Sudbury

City/Town

MA

State

01776

Zip Code

978 443 5588

Phone Number

Fax Number (if applicable)

2. Representative (if any):

Walker Fryling

Firm

Walker Fryling

Contact Name

walker.fryling@gmail.com

E-Mail Address

61 Dutton Road

Mailing Address

Sudbury

City/Town

MA

State

01776

Zip Code

978 493 1585

Phone Number

Fax Number (if applicable)

**B. Determinations**

1. I request the Conservation Commission make the following determination(s). Check any that apply:  
Conservation Commission

- ☐ a. whether the **area** depicted on plan(s) and/or map(s) referenced below is an area subject to jurisdiction of the Wetlands Protection Act.
- ☐ b. whether the **boundaries** of resource area(s) depicted on plan(s) and/or map(s) referenced below are accurately delineated.
- ☒ c. whether the **work** depicted on plan(s) referenced below is subject to the Wetlands Protection Act.
- ☒ d. whether the area and/or work depicted on plan(s) referenced below is subject to the jurisdiction of any **municipal wetlands ordinance or bylaw** of:

Sudbury

Name of Municipality

- ☐ e. whether the following **scope of alternatives** is adequate for work in the Riverfront Area as depicted on referenced plan(s).



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**C. Project Description**

1. a. Project Location (use maps and plans to identify the location of the area subject to this request):

0 Dutton Road

Street Address

J03

Assessors Map/Plat Number

Sudbury

City/Town

0001

Parcel/Lot Number

- b. Area Description (use additional paper, if necessary):

The site of my proposal is at Sudbury Valley Trustees Memorial Forest, around 1/3 mile from the parking lot on Dutton Road and is directly after a bridge crossing Hop Brook. The current boardwalk that I am proposing to replace is surrounded by dense vegetation on either side. People and dogs often step off the boardwalk and walk next to it due to its narrow design. Currently, the boardwalk has two 8 inch planks running side by side along the 88 foot boardwalk. These people and dogs walk on the vegetation on either side of the boardwalk, causing damage to the vegetation. Where the boardwalk ends, the trail is compacted and without vegetation. With rain, however, the trail becomes muddy and people walk on the surrounding woods and vegetation to avoid it.

- c. Plan and/or Map Reference(s):

SVT Memorial Forest Trail Map (See Photo 1 of attached)

Title

April 2021

Date

Current Conditions (See Photos 2-6 of attached)

Title

April 2021

Date

Construction Details and Plan (see Photos 7-9 of attached)

Title

April 2021

Date

2. a. Work Description (use additional paper and/or provide plan(s) of work, if necessary):

For my Eagle Project, I am proposing to replace the current set of parallel planks with a new traditionally decked boardwalk with more space to walk on. We will additionally extend the boardwalk by around 40 feet to keep people on the trail. Some portion of this extension may be completed by Sudbury Valley Trustees, outside of my Eagle Project. My boardwalk will be the same width as the bases of the current boardwalk. It will rest on concrete blocks, which sit on the surface of the ground. The structure will consist of a box with three longitudinal stringers and decking on top. The new boardwalk will be secured to the ground periodically with auger anchors. Each section will be constructed off-site and carried in. There will be no storage of any materials or sections on site. I don't expect to be doing any cutting on site. If any drilling is necessary on site, we will lay a tarp underneath to collect debris. See the attached Project Description, which includes a location map, photos of existing conditions and a prototype bridge section, and detailed construction plans for my proposed boardwalk.





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**C. Project Description (cont.)**

b. Identify provisions of the Wetlands Protection Act or regulations which may exempt the applicant from having to file a Notice of Intent for all or part of the described work (use additional paper, if necessary).

(j) The construction and maintenance of catwalks, footbridges, wharves, docks, piers, boathouses, boat shelters, duck blinds, skeet and trap shooting decks and observation decks; provided, however, that such structures are constructed on pilings or posts so as to permit the reasonably unobstructed flowage of water and adequate light to maintain vegetation.

3. a. If this application is a Request for Determination of Scope of Alternatives for work in the Riverfront Area, indicate the one classification below that best describes the project.

- ☐ Single family house on a lot recorded on or before 8/1/96
- ☐ Single family house on a lot recorded after 8/1/96
- ☐ Expansion of an existing structure on a lot recorded after 8/1/96
- ☐ Project, other than a single-family house or public project, where the applicant owned the lot before 8/7/96
- ☐ New agriculture or aquaculture project
- ☐ Public project where funds were appropriated prior to 8/7/96
- ☐ Project on a lot shown on an approved, definitive subdivision plan where there is a recorded deed restriction limiting total alteration of the Riverfront Area for the entire subdivision
- ☐ Residential subdivision; institutional, industrial, or commercial project
- ☐ Municipal project
- ☐ District, county, state, or federal government project
- ☐ Project required to evaluate off-site alternatives in more than one municipality in an Environmental Impact Report under MEPA or in an alternatives analysis pursuant to an application for a 404 permit from the U.S. Army Corps of Engineers or 401 Water Quality Certification from the Department of Environmental Protection.

b. Provide evidence (e.g., record of date subdivision lot was recorded) supporting the classification above (use additional paper and/or attach appropriate documents, if necessary.)



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### D. Signatures and Submittal Requirements

I hereby certify under the penalties of perjury that the foregoing Request for Determination of Applicability and accompanying plans, documents, and supporting data are true and complete to the best of my knowledge.

I further certify that the property owner, if different from the applicant, and the appropriate DEP Regional Office were sent a complete copy of this Request (including all appropriate documentation) simultaneously with the submittal of this Request to the Conservation Commission.

Failure by the applicant to send copies in a timely manner may result in dismissal of the Request for Determination of Applicability.

Name and address of the property owner:

Sudbury Valley Trustees

Name

18 Wolbach Road

Mailing Address

Sudbury

City/Town

MA

State

01776

Zip Code

Signatures:

I also understand that notification of this Request will be placed in a local newspaper at my expense in accordance with Section 10.05(3)(b)(1) of the Wetlands Protection Act regulations.

*Daniel N. Stinson*

Signature of Applicant

4/22/2021

Date

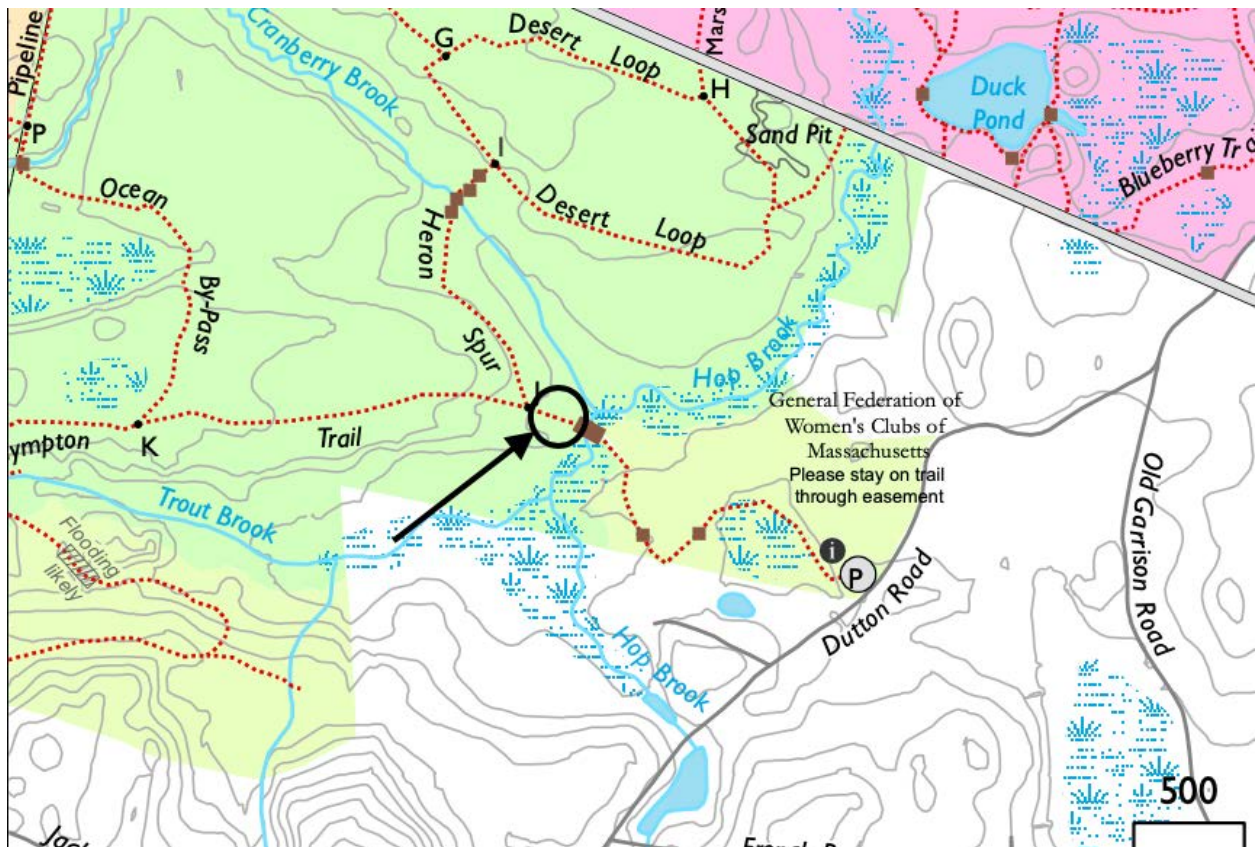
*Walker Fyfe*

Signature of Representative (if any)

4/23/2021

Date





The boardwalk is located after the bridge crossing Hop Brook off Dutton Rd and near the Women's Federation.



This is the current way that the boards are laid and secured.





This is one end of the boardwalk where it meets the bridge.



This is the other end of the boardwalk, showing the base, as well as the 2 planks for each section that will be removed.





Here is a more recent photo where you can see the entirety of the boardwalk.





Here you see the path where we may extend the boardwalk. It gets muddy where the boardwalk ends and people often go around it in the woods to the left.



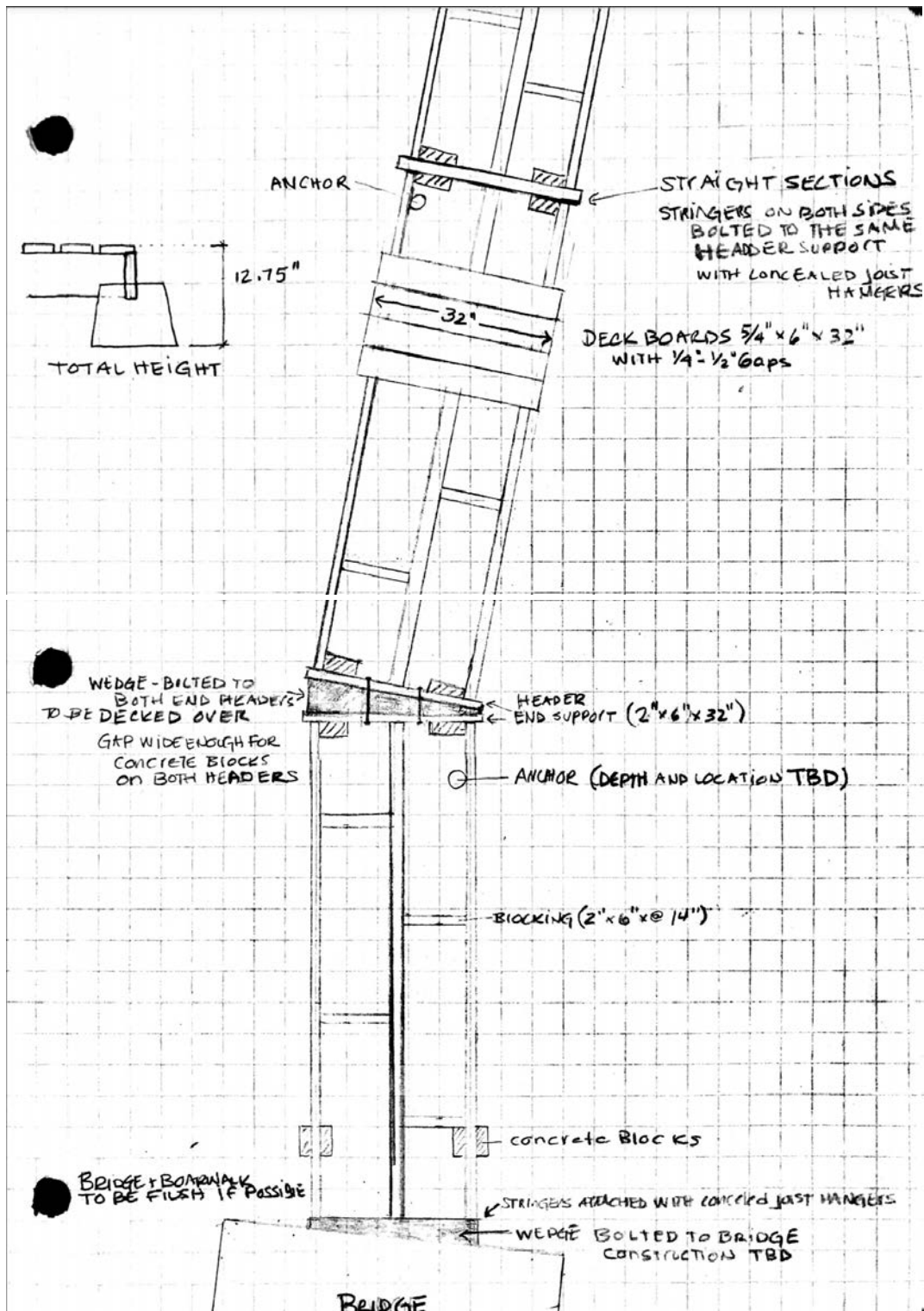


This photo shows our prototype with 3 boards on it. There's our ladder-like box with staggered cross supports. There are 4 of the cross supports in the ladder structure and the ends are atop concrete blocks. This has no tipping issues with even one section, much less when all of them are connected.



This is The prototype with most of the decking attached. It weighs around 150 lbs which could be carried with four people where we can't use the cart.





Here is the current design. How the wedges are built is TBD.