Ridgefield Conservation Commission

Barrack Hill Refuge Bog Bridge - Eagle Presentation

By: Varsha Basker
Hi, my name is Varsha Basker and I am a senior at Ridgefield High School. I am a proud member of Troop 19. I joined Scouts in December of 2019 and recently earned the rank of Life. I am currently working on earning Eagle and finishing my Eagle Project. My Eagle Project will take place at the Barrack Hill Refuge.
Project Overview

- I will be removing and replacing a bog bridge on the trail in the Barrack Hill Refuge.
  - Removing the pre-existing bridge
  - Cutting planks of wood to match the desired length
  - Assembling the bridge
  - Bringing it to the refuge and install it so it is ready for use by the public.
Project Overview

Benefits:
- Difficult to walk on
- Allows for comfortable experience on the trail
- Dog friendly

What it currently looks like:
Drawing of the bog bridge:

- 2 pairs of planks on each side in order to make it wider
- 6 planks total measuring to a length of 36 inches
Tools and Materials

**Tools:**
- Hammer
- Drill
- Rake
- Shovel
- Saw

**Materials:**
- Lumber: 2x10x12 (6 pcs)
- Nails: 4"
- Small Blocks of Wood: 4x4x10 (1 pc)
Cost and Timeline

Cost:
Ridgefield Supply Stores
Estimate: $294.46

The tools can be borrowed from friends and family.

Timeline:
- Phase 1: Remove the bog bridge that is currently there
- Phase 2: Clear the path to make the installation easier
- Phase 3: Make the bog bridges at my house
- Phase 4: Install the bog bridge
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Total: $376.69
Sales Tax: $11.56
Subtotal: $388.25

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Thank you for listening!