Hemlock Hills Bridge Project - Objective

- **Build** a simple footbridge
- **Safer** traversal on well used path
- **Accessibility** at Hemlock Hills

Plan to build bridge that spans this gap which dips about 1.5 feet down and is rocky
Hemlock Hills Bridge Project - Location

Located just into the blue trail off the main path at Hemlock Hills in Ridgefield, CT.

Two post spots for the bridge, relatively clear allowing for concrete posts.

On top - a clearer look at the span to be covered, about 10 feet in length.

On bottom - a look at the dip, and after rainfall or in spring water runs through here making the rocks harder to navigate over.
Sketch

Top View

10 ft (20 treads)

Joist (10')

20 treads (5.75" with .25" spacing)

6 3" screws on each tread fastened to the 3 joists

Side View

3 ft width

16" 16" 16"

1.5" 1.5" 1.5"

0.25" space

5.75" tread 5.75" tread

2" height

Chicken wire, fastened w 1 ¼" screws

20 treads (5.75" with .25" spacing)
Hemlock Hills Bridge Project - Materials

2” x 6” x 10’ (3 joists)

2” x 6” x 10’ (20 treads, 3 treads from each 10’ piece so 7 pieces)

4x4 6’ post (1)

One box 3” screws (250 screws)

One box of 1 ¼” screws (200 screws)

Chicken wire

Footing material (concrete block)
## Hemlock Hills Bridge Project - Material Quote

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<tr>
<th>Line</th>
<th>Product Code</th>
<th>Description</th>
<th>Qty/Feet</th>
<th>Price</th>
<th>Per</th>
<th>Total</th>
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**Total Amount:** $263.11
**Sales Tax:** $16.71
**Quotation Total:** $279.82
Hemlock Hills Bridge Project - Community Impact

The goal of this project is to help continue to make Ridgefield’s open space accessible to the whole community. This bridge specifically will help make this path easier to navigate for everyone, and will also help prevent erosion of the trail as well.

Thank you for listening!