

5/16/2019

John Millard

Clerk/Treasurer, City of Tenino

Our son, Joseph Marcoe is a Life Scout with Tenino Troop 14 and a junior at Tenino High School. Joseph has selected a proposed Eagle Scout project with the advice of members from the Tenino Lion's Club and would like to complete it this summer.

Joseph would like the permission of the City of Tenino to complete his project since the proposed project is in the Tenino City Park on one of the trails on the hill. The proposal is to repair a steep set of curved stairs that has deteriorated badly and needs to be restored to become safe to use. We will also clear the brush from the trail around the stairs. The stairs and trails were built by the Tenino Lions Club about 40 years ago. Several timbers making up the stairs have decayed and need to be replaced with new treated timbers; then the plan is to cover the existing steps with marine grade treated plywood which will be painted with a slip resistant coating for safety. This will preserve the timbers underneath and will create a more level and safer surface to walk on. The project site is about 500 feet up the trail from the opening by the soccer fields and bathrooms.

Joseph is working on getting donations for the supplies and has a presentation to the Lion's Club on May 23, 2019 to present his project to them if it is approved. The work force will be older boy scouts, scout leaders, and parents who all will be willing to sign the 5-w form and all workers will provide their own tools.

Beth and Bruce Marcoe

**RECEIVED**

**MAY 22 2019**

**CITY OF TENINO**

## **Eagle Scout Project Materials List:**

**Items needed are:**

**¾ inch 4' by 8' treated plywood – 6 sheets @ \$56.95 ea. (Est. cost = \$342.00)**

**6" by 8" treated landscape timbers (to be cut into 30" long pieces) – Three 12' long timbers @ \$27.92 ea. (Est. total = \$84.00)**

**Porch and floor exterior paint for plywood stair treads - 5 gallons@ \$26.99/gallon = (Est. total \$135.00)**

**Non-slip additive for paint (Tred-tex) – 5 packages (one for each gallon of paint) @ \$4.59 ea. (Est. total = \$23.00)**

**Box of 3 ½" exterior wood screws for use in treated wood (Est. total for five pound box = \$41.00)**

**The total estimated cost for this project is \$725.00, plus sales tax.**

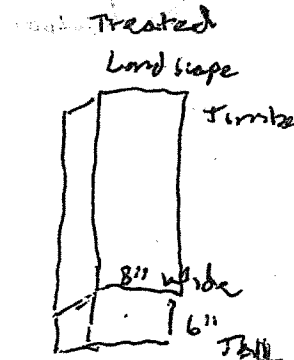
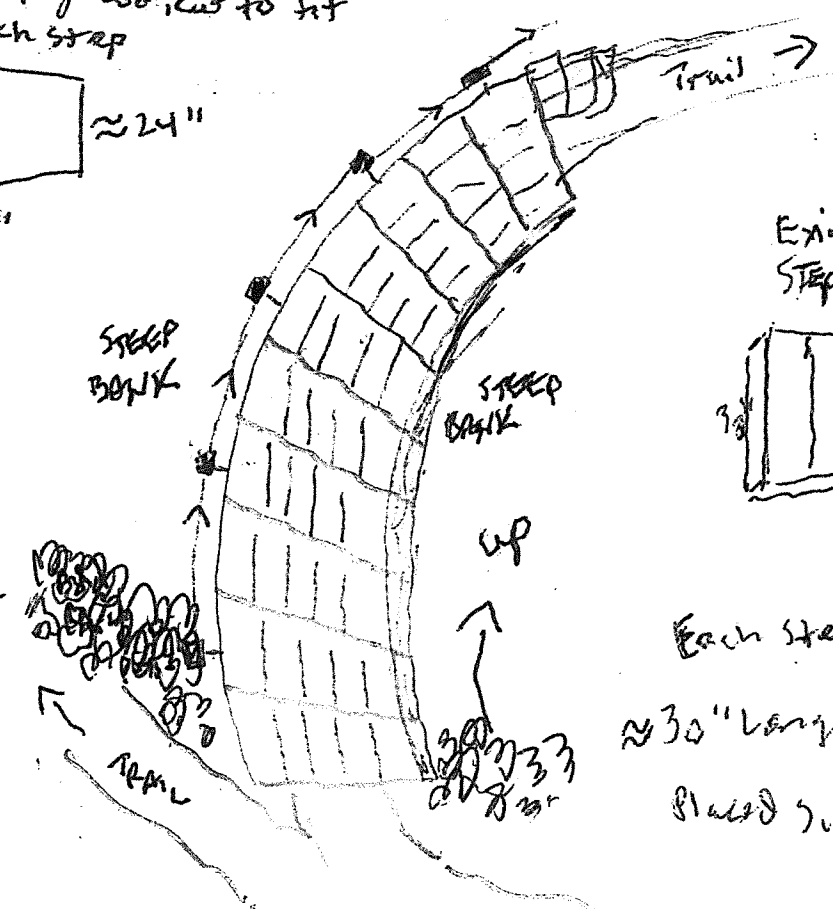
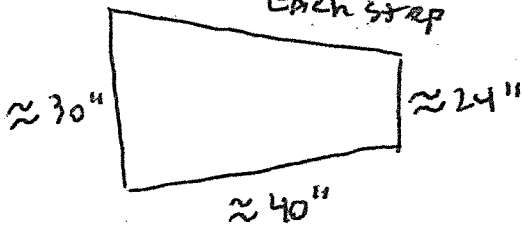
## Eagle Project - Stairs 2.0: Joseph Marcoe

### Option 1:

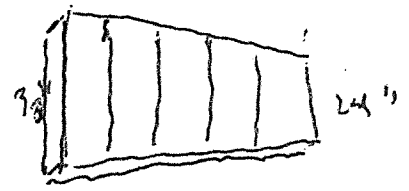
1. Replace only bad 24 -30" long 6"high by 8" wide landscape timbers (about 6 pieces) that make up the steps
2. Cover the existing landscape timber steps with outdoor, treated  $\frac{3}{4}$  inch plywood (cut to fit) using 3  $\frac{1}{2}$  inch exterior screws.
3. Paint a no-slip coating on the plywood steps for traction
4. Clean up all weeds and materials on and around the steps and make sure the trail near to and from the steps is safe and fairly even.
5. Safely dispose of old materials and weeds

Proposed:

3/4" treated plywood, cut to fit  
Each step



Existing  
STEP detail



Each step has 5 6' x 8"  
≈ 30" long landscape timbers  
Placed side by side

