



# Randolph Woods Nature Preserve Project Update

August 15, 2023

# Randolph Woods Nature Preserve Project Update

## Purpose

- Update Borough Council and Public on Project Status
- Review Wetlands Survey
- Review Preliminary Design Plans
- Review Regulatory Requirements & Next Steps

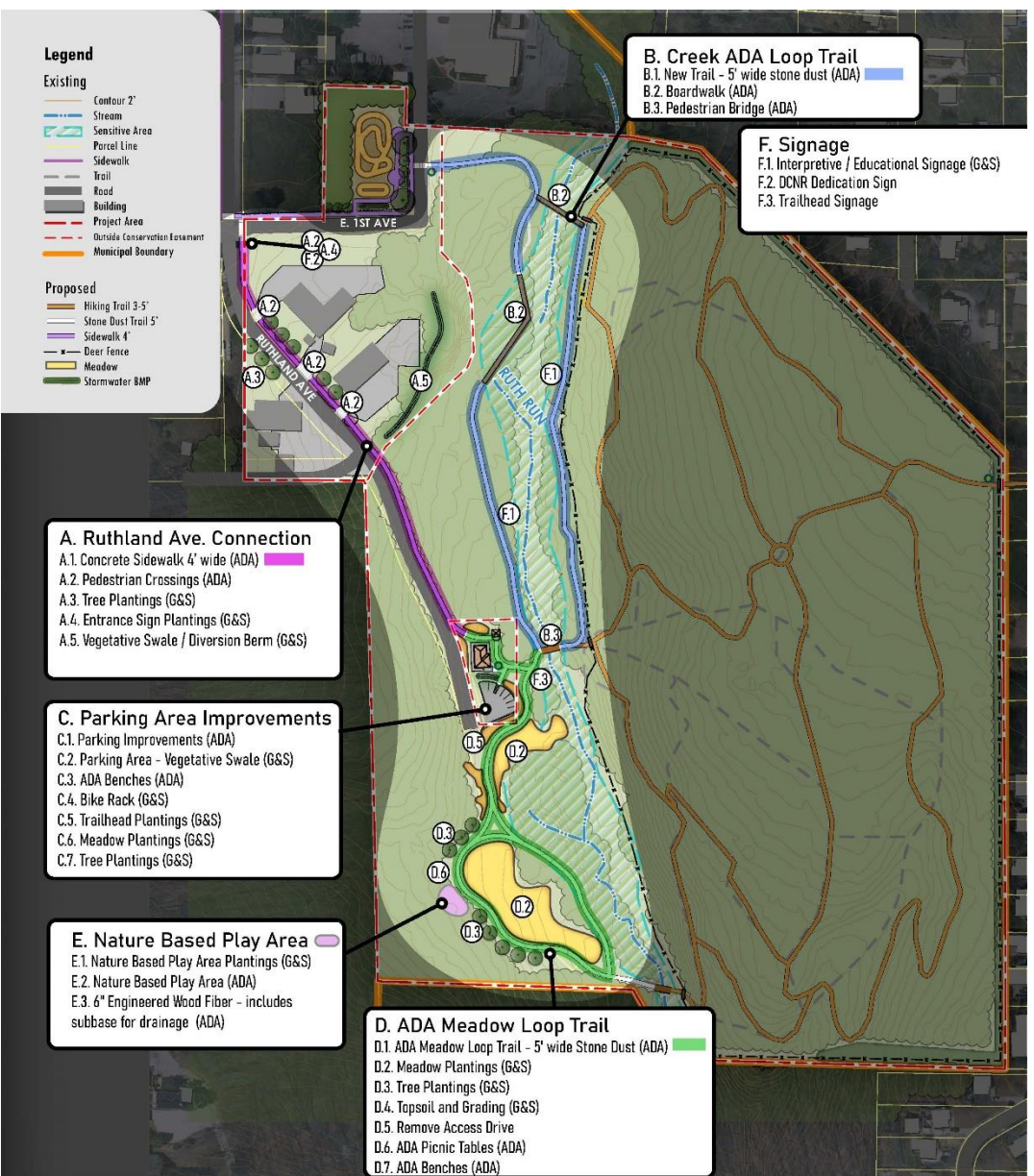
## Future Plans Open House

- Anticipate – pre-regular Borough Council Meeting
- Solicit Public Input in an Open House format
- Questions / Comments

# Grants

- Phase 1 - Department of Conservation and Natural Resources –  
Community Conservation Partnerships \$250,000
- Phase 1A - Department of Conservation and Natural Resources –  
Community Conservation Partnerships \$324,800
- Commonwealth Financing Authority -  
Greenways, Trails and Recreation Program \$158,249

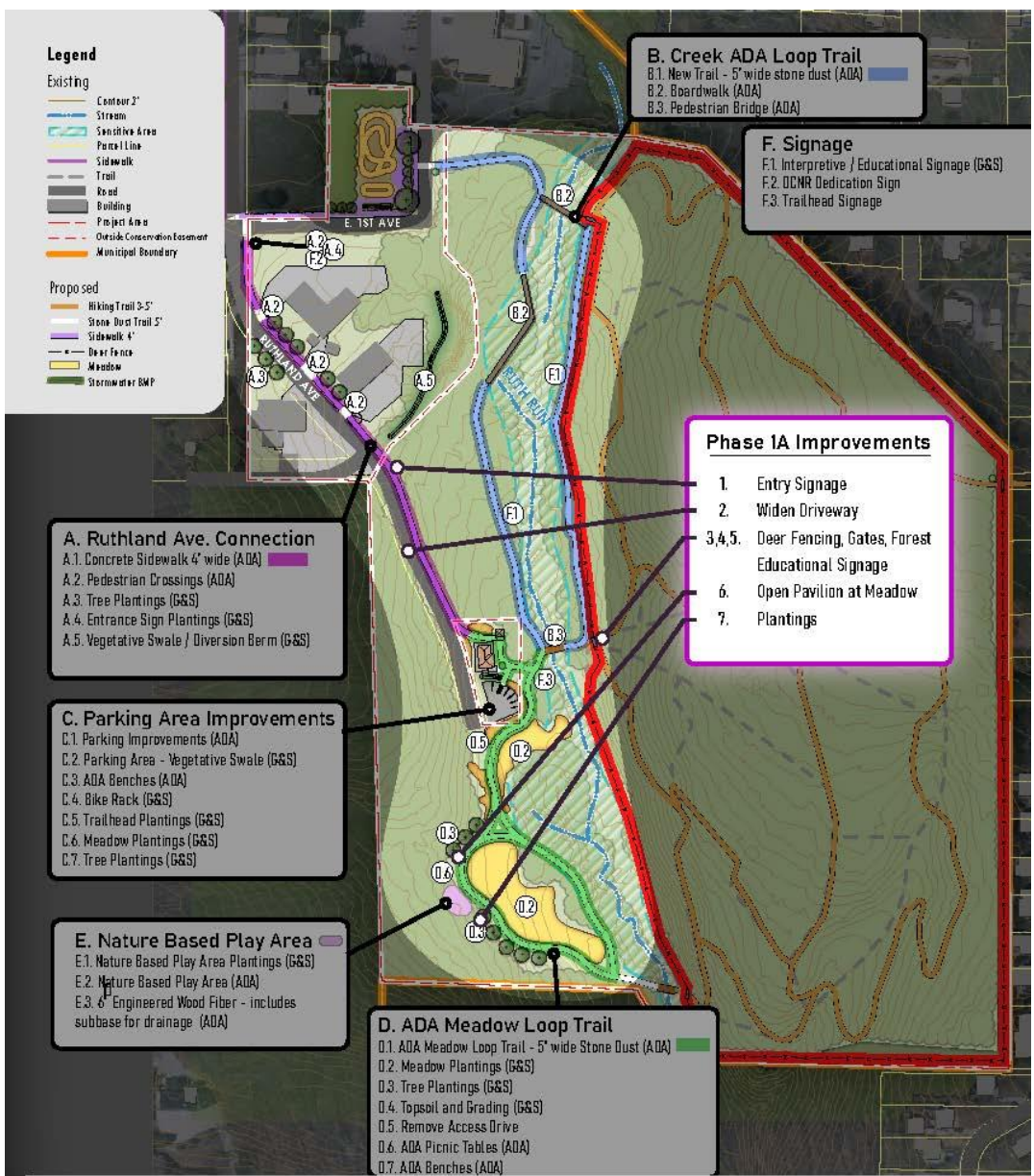
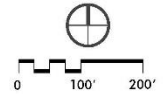
Total = \$733,049



Randolph Woods Nature Preserve, Phase 1 Improvements: Site Development Drawing

DCNR CRCP Application  
Malvern Borough, Chester County, Pennsylvania

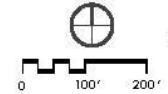
April 14 2021  
Web ID 2005706  
SC# 20067.00



Randolph Woods Nature Preserve, Phase 1A Improvements: Site Development Drawing

DCNR CRCP Application  
Malvern Borough, Chester County, Pennsylvania

October 27, 2022  
Web ID 2005706  
SC# 20073.10



## DuMor



PICNIC TABLE 71



BIKE RACK 130



RECEPTACLE 89 + LID



BENCH 39

| QTY | ITEM #   | DESCRIPTION                                  | DIMENSIONS         | PRICE EA | TOTAL   |
|-----|----------|--|--------------------|----------|---------|
| 4   | 71-60D   | 6' Picnic Table, Douglas Fir                 | 71" Lx 30"H x 59"D | \$873    | \$3,492 |
| 2   | 71-68-1D | 7.75' ADA Picnic Table, Douglas Fir          | 95" Lx 30"H x 59"D | \$970    | \$1,940 |
| 1   | 130-30   | 2" Schdule 40 Bike Rack, 3 Peaks             | 50"L x 35"H x 2"D  | \$523    | \$523   |
| 2   | 39-60D   | 6' Bench, Douglas Fir                        | 71" Lx 30"H x 25"D | \$830    | \$1,660 |
| 2   | 89-32    | 32-gallon Perforated Steel Receptacle        | 27"Dia x 32"H      | \$1,056  | \$2,112 |
| 2   | PT-DOME  | Dome Top w/ Self-Closing Door for Receptacle | 27"Dia x 12"H      | \$293    | \$586   |

## Cedar Forest Products



OPEN TRUSS PICNIC PAVILION



TRAVERSE BAY ADA RESTROOM

| QTY | DESCRIPTION                                       | DIMENSIONS         | PRICE EA |
|-----|---|--------------------|----------|
| 1   | "Open Timber Truss" Picnic Pavilion w/ Metal Roof | 20'L x 16'D x 10'H | \$19,123 |
| 1   | "Traverse Bay" ADA Restroom w/ Storage Closet     | 8'W x 16'L x 10'H  | \$58,346 |

# What Are Natural Playgrounds?

A natural playground is a play environment that consists of elements and textures from the earth such as tree logs, tree stumps, boulders, plants, and drainage paths, instead of traditional steel playground structures. These natural landscapes lend themselves to providing opportunities for children to play, explore, imagine, and be challenged by the natural elements.

Natural playgrounds enable children to move freely around the environment, allowing them to explore, run, jump, climb, crawl, feel, smell, and more. Studies show that children spend even more time playing outdoors in natural play environments than on traditional playgrounds. Since most natural playgrounds are open, they provide for inclusion of children at all skill levels and abilities to be involved - and encourage children to problem solve and create collaboratively.

The following elements could be created mostly from materials found on-site at Randolph Woods. And in the creative minds of children, they can become so much more than the suggestions given in the captions!

## Wood-Based Playthings



**MASSIVE BRANCHED LOGS** can be tight ropes, trains to ride, or even fantastical creatures to tame - and encourage balancing skills



**BURNISHED STICKS** make great, safe building materials



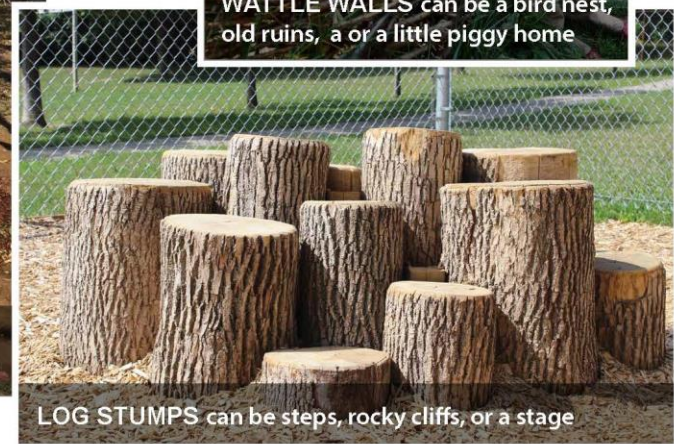
**A TEEPEE FRAME** can be a home, a tower, or a structure to build upon with burnished sticks



**WILLOW ARCHES** can be caves, tunnels, beehives, or a crystal palace



**WATTLE WALLS** can be a bird nest, old ruins, a or a little piggy home



**LOG STUMPS** can be steps, rocky cliffs, or a stage



A TREE CANOPY not only provides a shaded place to play, but keeps water cool and creates fractal patterns that mesmerize

## Water-Related Playthings

Children, like most humans, love to play in water. Connecting with natural water systems helps children discover the wonders of creatures that live in water, provides opportunities for expanding their imaginary worlds, and gives them the opportunity to splash and stay cool when its hot out.

Smooth pebbles and stones can help protect streambeds from children's play, are fun to step on, and also provide visual clues for where water can be found on site, whether any is currently present or not.



A ROCKY STREAMBED, wet or dry, can be a stone road, a placid moat, a raging river, or a vast ocean. Playing in water helps children value clean waterways



FLIPPING ROCKS improves dexterity while allowing children to discover hidden life



A LOG can be a bridge, a boat, or an aquatic beast - and walking across it can help children improve balance and proprioception



WADING improves balance, provides sensory stimulation, & helps children cool off in hot weather