

First Avenue Bike Trail Park Proposal

November 1, 2022

Randolph Woods Master Site Plan:

Phase A

- Deer Fencing & Educational Signage
- Pump Track

Phase B

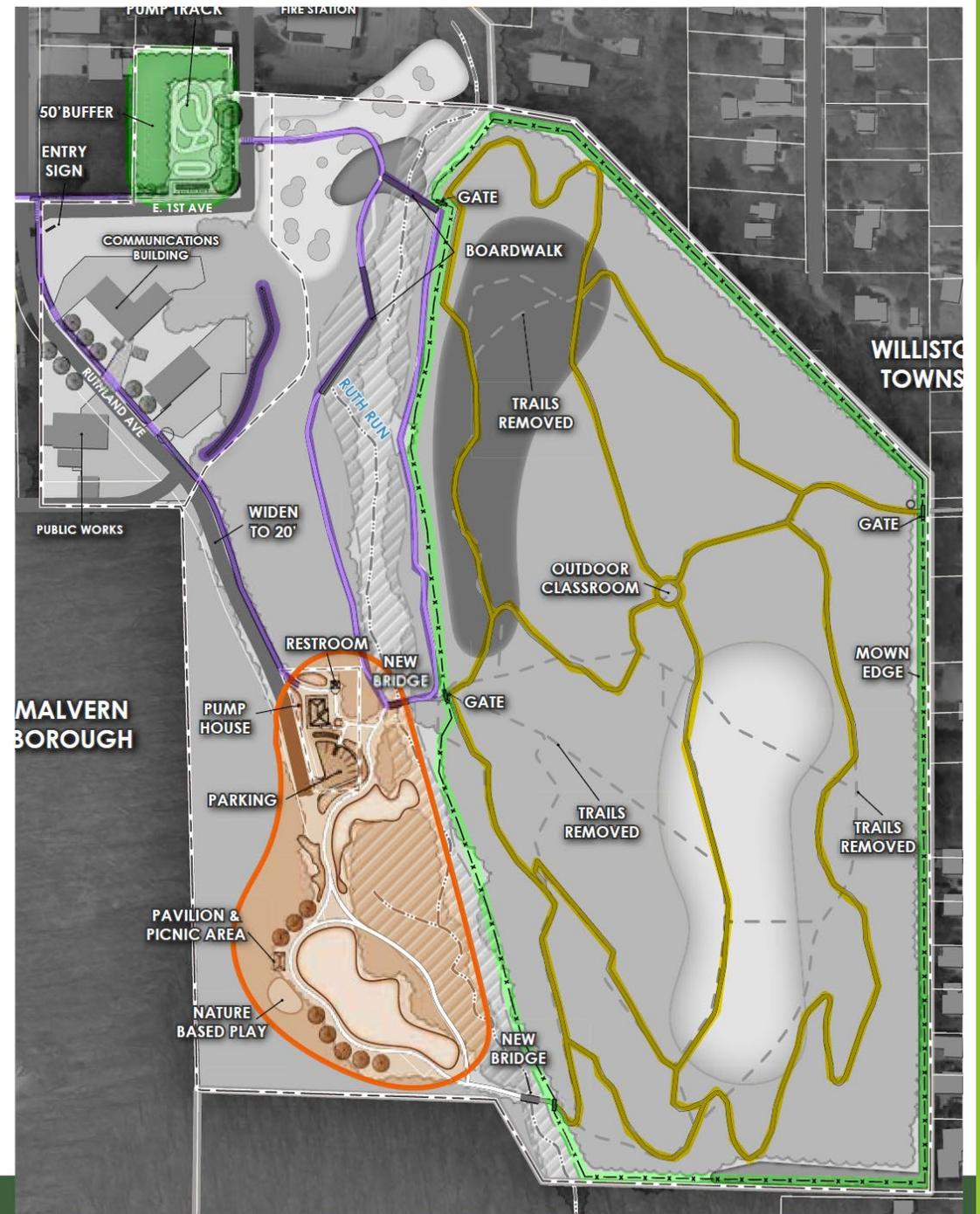
- Sidewalk Improvements
- Entry Signage
- BMP
- First Ave Connection
- ADA Headwaters Loop Trail

Phase C

- Picnic Pavilion
- Nature Play
- Meadow Loop Trail
- Restrooms
- Parking Improvements

Phase D

- Interior Hiking Trail Improvements



Objectives:

- ▶ This proposal is to address the concerns of Save Malvern's Habitat. The proposal is to build a Bike Trail Park versus a Pump Track Park on the plot of land designated for institutional and public municipal uses adjacent to Randolph Woods Nature Preserve and the Malvern Fire Company.
- ▶ The Bike Trail Course would be developed using the same specifications that are used for Randolph Woods Nature Preserve trails. There would be minimal impact to the property. Trees would be removed if there is a safety issue to the course, i.e., dead or leaning trees.
- ▶ The trails would incorporate bumps, curves, etc. to encourage physical biking activity.
- ▶ Public participation would be encouraged by the bike group and others in designing the layout and construction of the trails.

Infrastructure:

- ▶ The sidewalk along the Service Access Road as originally planned for the Randolph Woods Headwaters Loop Boardwalk would also connect to the new Bike Trail Park. This will be a very cost-effective way to create safe access to both parks.
- ▶ The Borough would be responsible for designing and installing the entrance walkway, installing fencing around the Bike Trail Park, and assisting in the clearing for the trails. It would also install a storage building for maintenance of the trails. Since there will be significantly less impact to the land a minimal Storm Water Management would be required.
- ▶ Potentially, a signal could be installed at the service road corner to alert bikers and pedestrians that an emergency vehicle is coming. This could be tied into the existing warning system for East King Street.
- ▶ Also, investigate with the Fire Company and Borough Engineer the potential of installing a gate system at the entrance of the Service Access Road from First Avenue. Both the signal and gate would be controlled by the Fire Company.

Benefits:

- ▶ This scaled down plan for a Bike Trail Park will maintain the natural habitat environment like the Randolph Woods Nature Preserve and Paoli Battlefield Park in conjunction with the recently approved Comprehensive Plan Update 2022 - Natural Resources Goals & Strategies.
- ▶ Could be more cost effective.
- ▶ Promotes physical biking activity.
- ▶ Encourages biker user involvement and assistance with trail maintenance.
- ▶ Maintains the property as open space under the Borough's control.
- ▶ Incorporates public safety features for the Bike Trail Park and Randolph Woods Nature Preserve pedestrian traffic.
- ▶ Provides ongoing maintenance to improve environmental health of the property.
- ▶ Strategy 2-1 of the approved Comprehensive Plan promotes the implementation of Green Stormwater Infrastructure (GSI) in all land use applications.

Next Steps:

- ▶ Redirect the Borough Engineer to revise the current Pump Track site plans to incorporate the Bike Trail Park features. This could include the involvement of a professional trail design firm.
- ▶ Solicit bike group input on trail design.
- ▶ Conduct reviews with the Fire Company and residents adjacent to the Bike Trail Park on the revised plan.
- ▶ Approve the final plan and initiate construction.

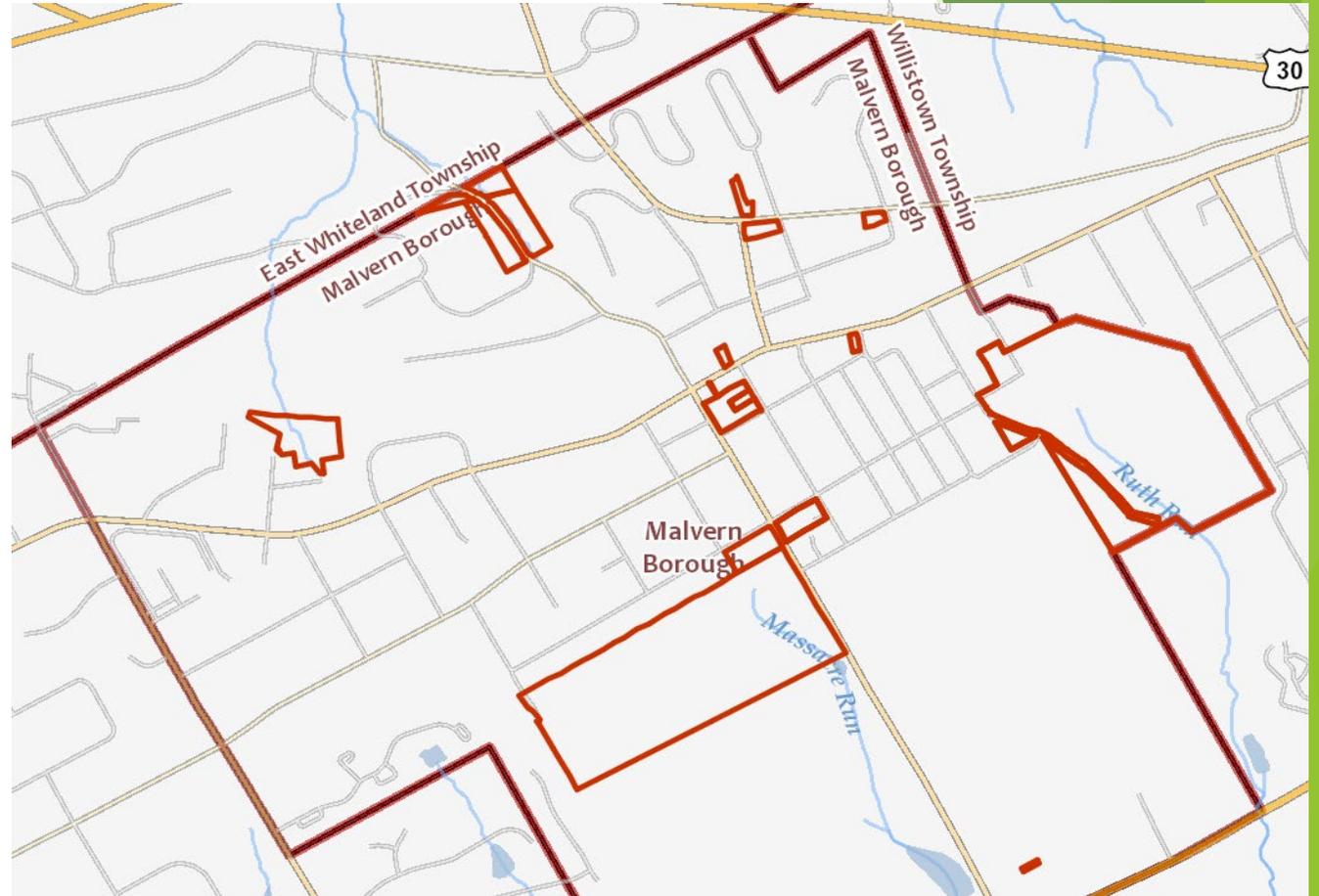
The background features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. These shapes are primarily located on the left and right sides of the frame, leaving a large white central area. The shapes are composed of triangles and quadrilaterals, some with thin white outlines.

Questions?

Supplementary Information

Borough Owned Property:

Site	Acres	Contains	UPI
Randolph Woods	43.0	Nature preserve (39ac), institutional / municipal (4ac)	2-4-361
Paoli Battlefield	40.0	Historic site	2-7-34.1
N Warren Ave	5.3	Very steep slopes, stream	2-3-6, 2-3-7, 2-3-18, 2-3-19.1
110 Crestside	3.5	Pump station, very steep slopes	2-3-16
Burke Park	1.7	Community park	2-4-190, 2-4-194
Quann Park	1.4	Basketball courts, softball field	2-7-33
Borough Hall	1.1	Municipal building	2-7-35
Herzak Park	0.4	Basketball court	2-4-79.1
209 Old Lincoln	0.4	Very steep slopes	2-4-11.1
Rubino Park	0.3	Playground	2-4-95
King St Lot	0.2	Parking lot	2-4-120
Church St Lot	0.2	Parking lot	2-4-216
Paoli/S Warren	0.1	Small landlocked parcel	2-7-45



Field Adjacent to the Fire Company:

- ▶ Location of headwaters.
- ▶ Unable to obtain the state and federal permits required when building in a headwater location.
- ▶ Accessibility safety issues for the Malvern Fire Company.
- ▶ This area is part of the Randolph Woods Nature Preserve and protected by a conservation easement.
- ▶ Natural buffer does not exist.