

# Urban Centers Forum

September 2025, 5:30pm

Webinar

## Active Transportation Plans and Bike Parks

How your community can  
plan and build bicycle and  
pedestrian infrastructure



Brought to you by:

Chester County Board of Commissioners - Josh Maxwell, Marian Moskowitz, Eric Roe





# AGENDA

ELVERSON BOROUGH | CHESTER COUNTY, PA

## 2021 ACTIVE TRANSPORTATION PLAN



### 5:30 | Welcome and Introductions

Chester County Commissioners

### 5:45 | Main Program

#### Active Transportation Plans

- Mark Gallant, CCPC
- Lisa Palser, Elverson Borough Active Transportation Plan

#### Bike Parks

- Kevin Myers, CCPC – Bike Parks overview
- Christina Norland – Kennett Bike Park (pump track)
- Christian Weirich – Phoenixville Bike Park (skills park)
- Justin Horrocks – Elverson Bike Park (pump track/skate park)

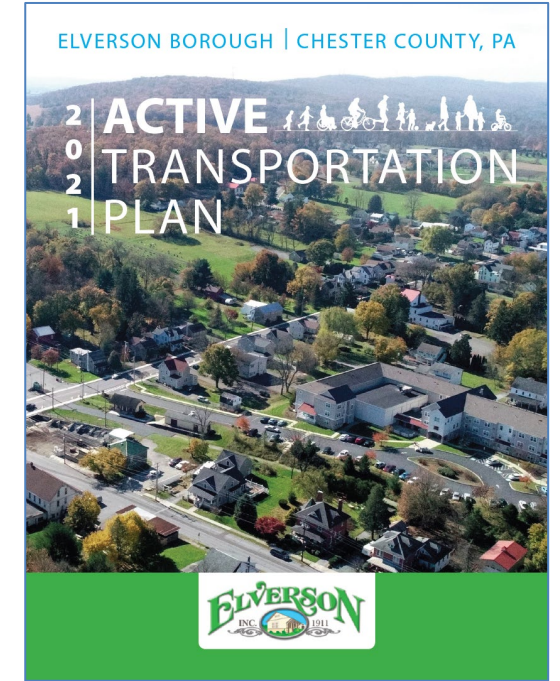
### 6:30 | Question and Answer Session

#### Moderated Q&A:

All participants are welcome to submit questions for county staff and guest speakers.

### 6:50 | Closing Remarks

### 7:00 | Adjournment



# Active Transportation Plans/Studies

What they are and why they can be an important municipal Tool!

# ACTIVE TRANSPORTATION

## What is Active Transportation?

1. Public Transportation
2. Any self-propelled, human-powered mode including walking or bicycling



# What is an ATP?

*An Active Transportation Plan or ATP examines existing conditions and provides strategies for a community to meet their goals for bicycle and pedestrian connectivity and circulation and for accessing public transportation.*

# ACTIVE TRANSPORTATION



## What are the benefits?

- Establish a Community Vision for Active Transportation
- Engage the public
- Prioritize projects and facilitate funding

## Promotes flexibility

- Big picture or specific area
- Amendment to Comp Plan or stand-alone



# ACTIVE TRANSPORTATION

## The Steps...

- Secure support from elected officials and funding
- Identify priorities and project Vision and Goals
- Examine existing conditions
- Engage the public
- Finalize Vision and Goals and develop Strategies to implement those Goals
- Present those strategies to the Public and elected officials
- Adopt (or accept) and implement...

# ACTIVE TRANSPORTATION

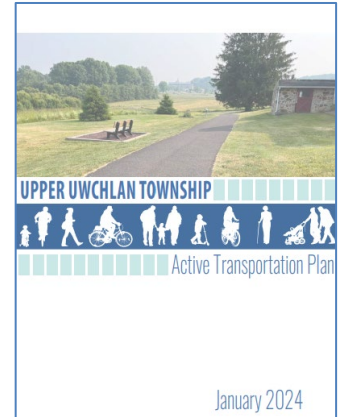
## Local Examples...





# ACTIVE TRANSPORTATION

## Upper Uwchlan



### Tony Scheivert, Township Manager

*“Completing an Active Transportation Plan enabled Upper Uwchlan Township to bring in residents, local businesses and the community as a whole to provide input on sidewalks, trails and bicycling in the Township. The Township now has a list of areas that we can improve on in the future. It was also helpful to hear about the areas where users think we are doing a good job. The completed plan has allowed us to prioritize our future projects and planning.”*

# ACTIVE TRANSPORTATION

## Local Examples...





# ACTIVE TRANSPORTATION

## Oxford Borough

**Pauline Garcia Allen,**  
Borough Manager

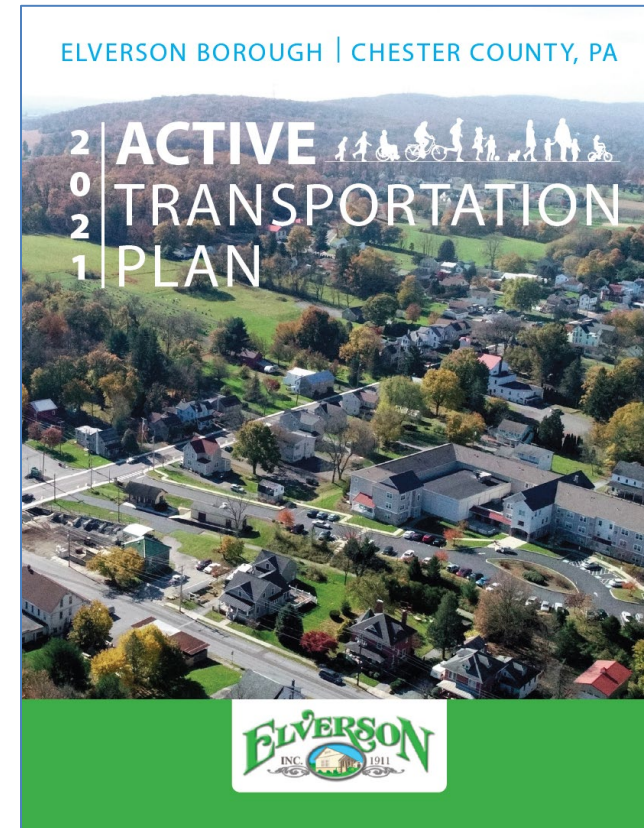


*“For years Oxford struggled with the best approach to fill sidewalk gaps and improve walkability in the Borough. Development of an Active Transportation Plan provided an **informed analysis** of our existing assets, identified **key corridors to prioritize**, and outlined strategies to improve **overall multimodal connectivity and pedestrian safety**. The Plan is now helping us to **focus our limited resources**, to be more **competitive when applying for grants**, and to communicate the Borough’s goals and objectives to residents.”*



# ACTIVE TRANSPORTATION

## Local Examples...



**Lisa Palser**

Elverson Borough Parks,  
Recreation, and Trails Committee



# ACTIVE TRANSPORTATION

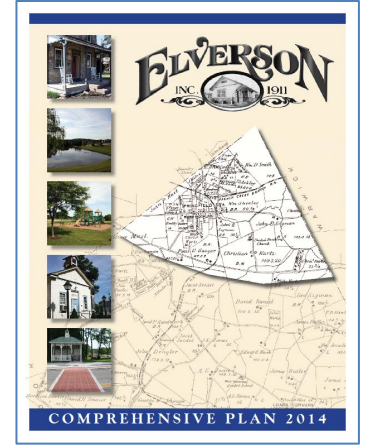
ELVERSON BOROUGH | CHESTER COUNTY, PA

## 2021 ACTIVE TRANSPORTATION PLAN



## How we got started...

- Elverson Borough Comprehensive Plan (2014) included a chapter on Parks, Recreation, and Open Space.
- Active group of Elverson residents evolved into Trails Committee (2019).
- Borough Council agreed to support the ATP.
- We continued our work with the CCPC as our consultant with a VPP Grant.
- The project ran from July 2020 to December 2021.



# ACTIVE TRANSPORTATION

ELVERSON BOROUGH | CHESTER COUNTY, PA

## 2021 ACTIVE TRANSPORTATION PLAN



# Working with the Consultant...

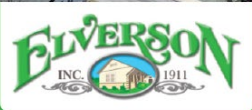
Rachael Griffith and Mark Gallant (CCPC) worked with us on the project and helped to:

- Lead the effort to review walkways and trails and evolve new ideas.
- Prepare review materials including mapping for discussions with the community.
- Focus efforts at committee and public forums.
- Complete the final plan for review and adoption by Borough Council.



## ELVERSON BOROUGH | CHESTER COUNTY, PA

# 2021 ACTIVE TRANSPORTATION PLAN



## CHAPTER 2

### PROPOSED ACTIVE TRANSPORTATION NETWORK

This map shows the overall desired active transportation network within the Borough of Elverson. The recommended improvements have been divided into distinct projects and are numbered on the map accordingly.

- Priority **1A** – Hopewell Spur Extension
- Priority **1B** – Chestnut Street (Rt 82) Sidewalk Extension
- Priority **1C** – Summerfield – Livingood Park Connector
- Priority **1D** – Municipal Authority Trail
- Priority **1E** – Twin Valley Elementary Connector Trail
- Priority **1F/1G** – Signed Bike Routes to French Creek State Park
- Priority **1H** – Sidewalk Extension to Brick Lane Church on South Brick Lane
- Priority **1I** – Walking Trails to Blue Rocks

- Priority 2A - Sidewalk Extensions - Stable Drive West
- Priority 2B - Sharrows on North and South Chestnut Street
- Priority 2C - Sharrows on South Pine Street
- Priority 2D - Sharrows on Parkside Drive
- Priority 2E - Sharrows on Yeungst Drive
- Priority 2F - Sharrows on Stable Drive

- Priority **1A** - Boar's Back Trail
- Priority **1B** - North Brick Lane Sidewalk and Walking Path
- Priority **2C** - South Brick Lane Bicycle and Pedestrian Connectivity Improvements
- Priority **3D** - Multi-use Trail on PA-23 to Morgantown
- Priority **4E** - Multi-use Trail on PA 401
- Priority **5F** - Multi-use Connector Trail - Twin Valley Elementary to Livingood Park
- Priority **6G** - Buffered Bike Lanes on PA 23

30 | Elverson Borough - Active Transportation Plan

## CHAPTER 2

### PROPOSED ACTIVE TRANSPORTATION NETWORK

[illegible]

Elverson Borough - Active Transportation Plan | 31

## Including Maps



# ACTIVE TRANSPORTATION

ELVERSON BOROUGH | CHESTER COUNTY, PA

## 2021 ACTIVE TRANSPORTATION PLAN



# Consultant provided display materials and plan graphics...



Photosimulation showing the proposed trail through the Municipal Authority



Photosimulation of buffered bike lanes on PA-23 east of Elverson

...and renderings



# ACTIVE TRANSPORTATION

ELVERSON BOROUGH | CHESTER COUNTY, PA

## 2021 ACTIVE TRANSPORTATION PLAN



# Public Outreach and input...

We used multiple forums and methods to gain public input:

- Open houses at Livingood Park Pavilion and Hopewell Manor.
- Information booth at Elverson Community Day.
- Public Survey shared in Borough Newsletter and fliers.
- Multiple opportunities to provide comment: email, open houses.
- Offered to meet with HOAs where proposed facilities are located on their land.



# ACTIVE TRANSPORTATION

ELVERSON BOROUGH | CHESTER COUNTY, PA

## 2021 ACTIVE TRANSPORTATION PLAN



## Tips and Takeaways...

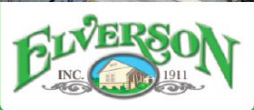
- Use multiple strategies for public input – accept your limitations.
- Prepare for Nimbyism.
- Identify who is responding – resident or regular visitor?
- Know the neighborhood – identify easements and informal agreements.
- Know PA legislation.



# ACTIVE TRANSPORTATION

ELVERSON BOROUGH | CHESTER COUNTY, PA

## 2021 ACTIVE TRANSPORTATION PLAN



# Since the Plan was adopted...

## *Implementation*

- One connection completed!
- The most popular connection in the Plan...
- Elverson applied for a DCED Greenways Grant.
- Another pathway is in progress...
- Lesson learned: Patience and Persistence.



# ACTIVE TRANSPORTATION

ELVERSON BOROUGH | CHESTER COUNTY, PA

## 2021 ACTIVE TRANSPORTATION PLAN



# Primary Goals...

- Internal Network
- Variety
- Outside Destinations
- Safety
- Fiscal Responsibility
- Partnerships





# Active Transportation Plans/Studies

## Potential Funding

Funding for **Active Transportation Plans** is available:

WalkWorks (Pennsylvania Department of Health)

Funding for **Active Transportation Plans** is available:

Chester County Vision Partnership Program (VPP)

Funding for **Active Transportation Studies** is available:

Community Development Block Grants (CDBG) *limitations*

*DVRPC Transportation and Community Development Initiative (TCDI) Grants*





# Contact Information

**Mark Gallant, CCPC**  
[mgallant@chesco.org](mailto:mgallant@chesco.org)

**Lisa Palser, Elverson Borough PROS Committee**  
[lgpalser@outlook.com](mailto:lgpalser@outlook.com)

January 2024

**Pauline Garcia-Allen, Oxford Borough Manager**  
[pgarciaallen@oxfordboro.org](mailto:pgarciaallen@oxfordboro.org)

**Tony Scheivert, Upper Uwchlan Township Manager**  
[tscheivert@upperuwchlan-pa.org](mailto:tscheivert@upperuwchlan-pa.org)



# Thank you!



# BIKE PARKS





# BIKE PARKS – Why talk about Bike Parks?

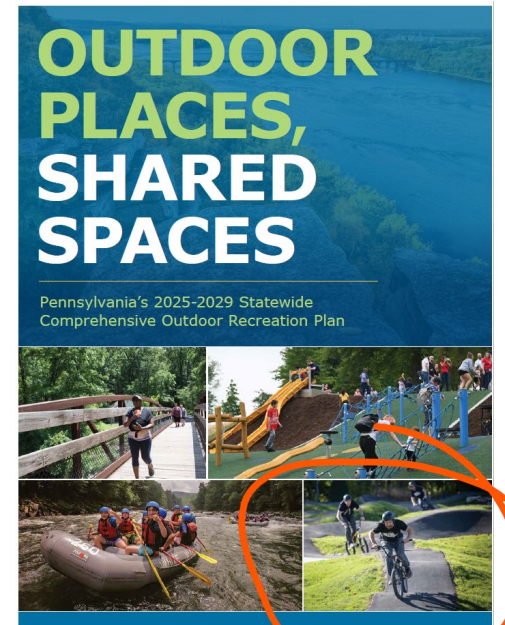
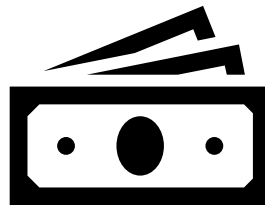
- Continuation of “active” theme to Active Recreation.
- Growing Trends - Three Chester County municipalities have a bike park!
  - Kennett (pump track)
  - Phoenixville (skills park)
  - Elverson (skate park/pump track) Coming soon!



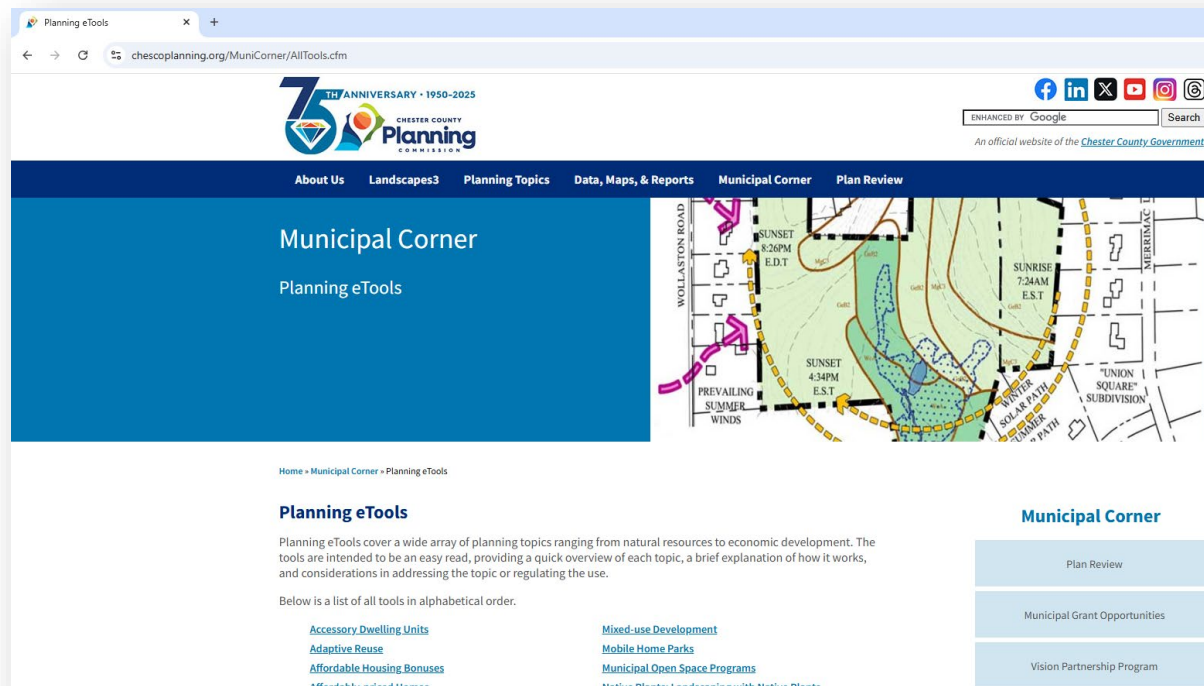
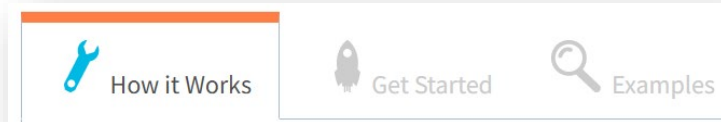


# BIKE PARKS – Why talk about Bike Parks?

- **Provides an outlet and legitimate location for cyclists and other users:**
  - Creates a fun and exciting activity that can be used by everyone to develop skills
  - Popularity of cycling
- **Economic Development/Tourism:**
  - Draw visitors to existing businesses
  - Draw new businesses



# BIKE PARKS eTool





# BIKE PARKS – What is a Bike Park?

- A dedicated facility for bicycles at a specific location.
- Three main types:
  - Pump track
  - Jump line
  - Skills park or bicycle playground



# BIKE PARKS – Pump Track







SKATEPARKS ▾

PUMP TRACKS ▾

BIKE PARKS ▾

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## OAKMONT, PA

Asphalt Pumptracks



OAKMONT, PA  
OAKMONT, PA









## Penn Forest Recreational Park

Built by:



**WARNING:** Pump track biking is a hazardous recreational activity. Use of this facility may result in death, paralysis, brain damage, concussion, broken bones or other serious injury. Any use is at your own risk. The PennForest Township does not assume any responsibility for injuries.  
DO NOT USE IF A HAZARDOUS CONDITION EXISTS.

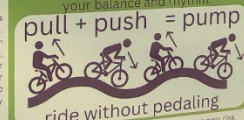
Report any maintenance needs or dangerous conditions to Penn Forest Township Staff: 670-326-2760. In an emergency, call 9-1-1.

## Pump Track

This track and man-made features of the track are a continuous circuit of bermed turns, rollers, and jumps, which will require your bike leaving the ground if approached at higher speeds.

### Instructions

Use your body-pulling and pushing with your arms and legs while riding over the berms and rollers. The harder you push and pull the faster you will move. Find your balance and rhythm.



### PUMP TRACK

#### RULES & ETIQUETTE

- Helmets are mandatory for all riders. Body armor, knee pads and elbow pads are highly recommended.
- Be courteous and aware of other riders. Keep a safe distance from other riders; no more than two bikes on track at any given time.
- Do not ride when wet.
- Do not attempt to modify the track in any way.
- NO motorized vehicles, mopeds or pedestrians on the track.
- Pump track hours dawn to dusk, do not ride after dark.
- Children must be supervised.



# BIKE PARKS – Jump Line







Photos used with permission from American Ramp Company





Photos used with permission from American Ramp Company



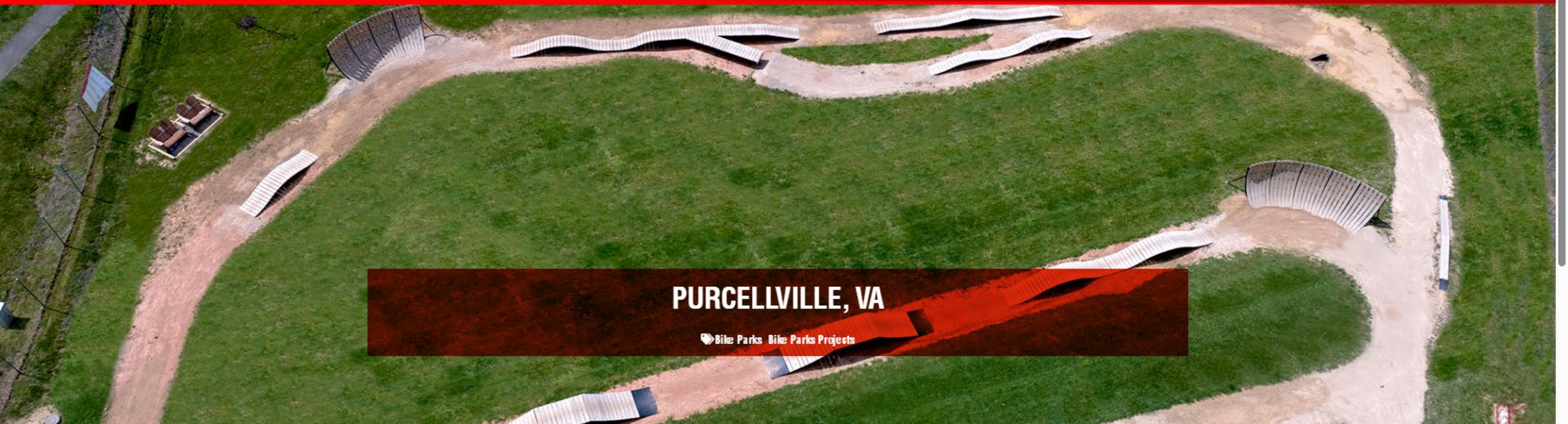
# BIKE PARKS – Skills Park







- SKATEPARKS ▾
- PUMP TRACKS ▾
- BIKE PARKS ▾
- OUR COMPANY
- PROJECTS
- RESOURCES ▾
- CONTACT US
- Q



# PURCELLVILLE, VA

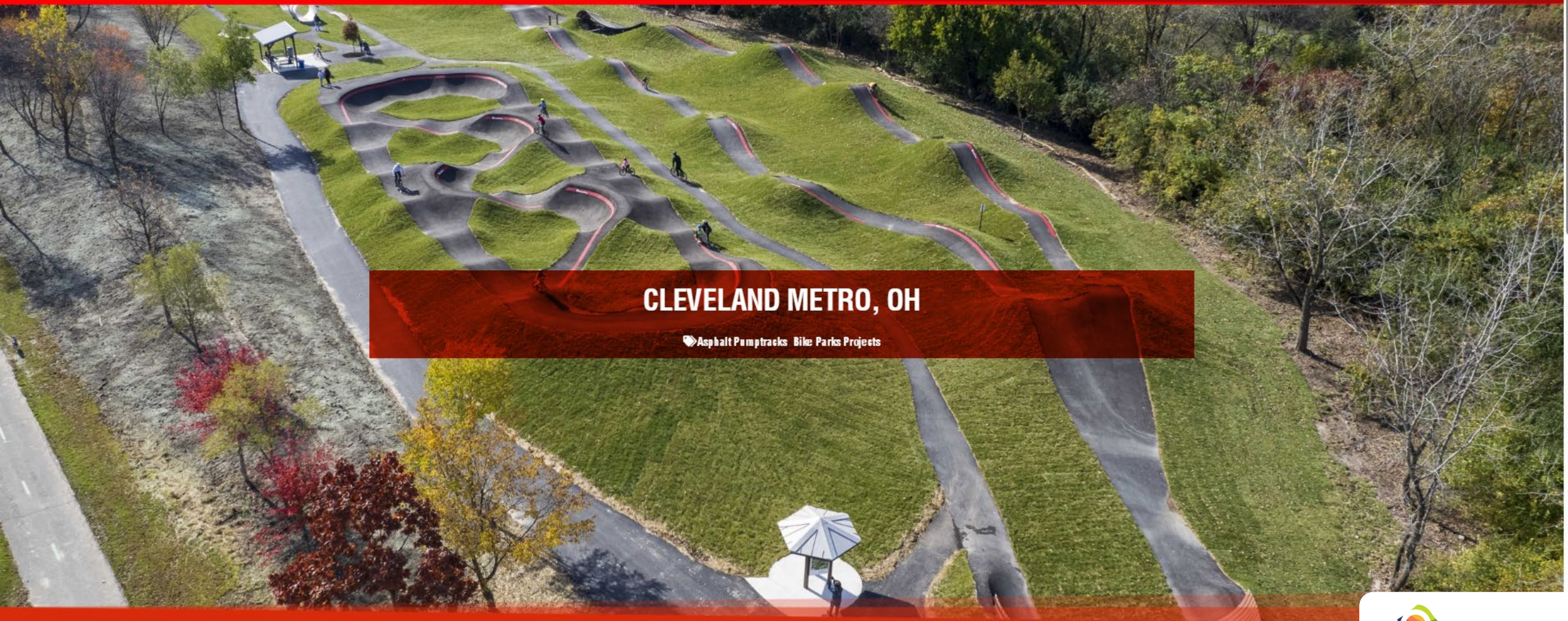
Bike Parks Bike Parks Projects







- SKATEPARKS
- PUMP TRACKS
- BIKE PARKS
- OUR COMPANY
- PROJECTS
- RESOURCES
- CONTACT US



## CLEVELAND METRO, OH

Asphalt Pumptracks Bike Parks Projects







**PXV  
BP**  
Phoenixville  
Bike Park  
Est. 2022  
Community  
Built



**Pre-ride.  
Re-ride.  
Free-ride!**



### SKILLS PARK RULES

1. Hours of Operation: Dawn to Dusk.
2. There is no fee for the use of the park or for the use of the MTB Skills Park, and providing an opportunity for all levels of skill. The user of the MTB Skills Park is asked to cooperate, follow, and be well-informed of the rules. The user of the MTB Skills Park is asked to cooperate, follow, and be well-informed of the rules. The user of the MTB Skills Park is asked to cooperate, follow, and be well-informed of the rules.
3. Please be considerate of others so that the MTB Skills Park may be enjoyed by everyone entitled to use it. CARRY IN, CARRY OUT. Please clean up and dispose of trash items accordingly.
4. The MTB Skills Park is a supervised, safe area for all ages and abilities. It is not a place for reckless riding. The MTB Skills Park is a supervised, safe area for all ages and abilities. It is not a place for reckless riding. The MTB Skills Park is a supervised, safe area for all ages and abilities. It is not a place for reckless riding.
5. Any rider under 18 years old or younger must be supervised by an adult.
6. The MTB Skills Park is a supervised, safe area for all ages and abilities. It is not a place for reckless riding. The MTB Skills Park is a supervised, safe area for all ages and abilities. It is not a place for reckless riding. The MTB Skills Park is a supervised, safe area for all ages and abilities. It is not a place for reckless riding.
7. All riders must wear a helmet, at all times while riding in the MTB Skills Park. Other appropriate safety gear is recommended.
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10. Damaging, Destroying, Moving, etc. any ranges or equipment is prohibited.
11. Food or glass containers prohibited.
12. No profane instruction or group activities are allowed without written permit from the Phoenixville Recreation Dept.
13. The Borough of Phoenixville has the authority to close the site at any time including, but not limited to, maintenance, inclement weather conditions and special events.
14. Always pay attention to your own safety, be courteous and be aware of other riders. Children must be supervised when riding in the skills area. This can help ensure the facility will be open to the public in the future.
15. ONE WAY travel only. Please follow the posted directional guides for each track. Do not jump between tracks. If you do not wish to continue on the track you are on, you may dismount and walk, within the riding areas back to the beginning of the track.
16. All forms of mountain biking are potentially dangerous and your risk increases in special areas such as this containing enhanced terrain and technical features.

### IN CASE OF EMERGENCY CALL 911.

Phoenixville's emergency services are available 24/7. For more information, please contact the Recreation Dept. Office at 610-933-7728. SEE SOMETHING? SAY SOMETHING. Phoenixville Police: 610-933-8801







## BELLEFONTE, PA

📍Bicycle Playgrounds Projects Bike Parks

### Project Details

Type: Bicycle Playground

Series: PBR

Year: 2021

### BELLEFONTE, PA BELLEFONTE, PA

Casey originally reached out to our firm to discuss bike recreation options at his campground towards the end of 2020. After overviewing the project, we knew developing the Bellefonte KOA Bike Park was an awesome opportunity that we couldn't pass up. Casey is always striving to





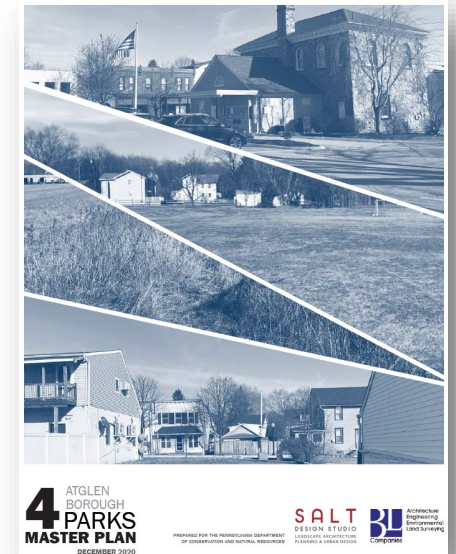


Photos used with permission from  
American Ramp Company



# BIKE PARKS – How do you build a Bike Park?

- Can be identified in a comprehensive plan or parks master plan; or
- Gauge public input or interest via a survey or holding meetings.
- Usually located in municipally owned parks or property.
- May involve a non-profit/friends' group:
  - Can assist with community engagement and funding
  - Maintenance
  - Special events





# BIKE PARKS – How do you build a Bike Park?

- **Could be permitted in ordinances:**
  - Definitions
  - Permitted within parks or in open space
  - As a permitted use
- **Size/Cost:**
  - Can be as small or large as desired, built in phases, or as funding permits
  - Cost: As little as \$40,000; average \$120,000-250,000





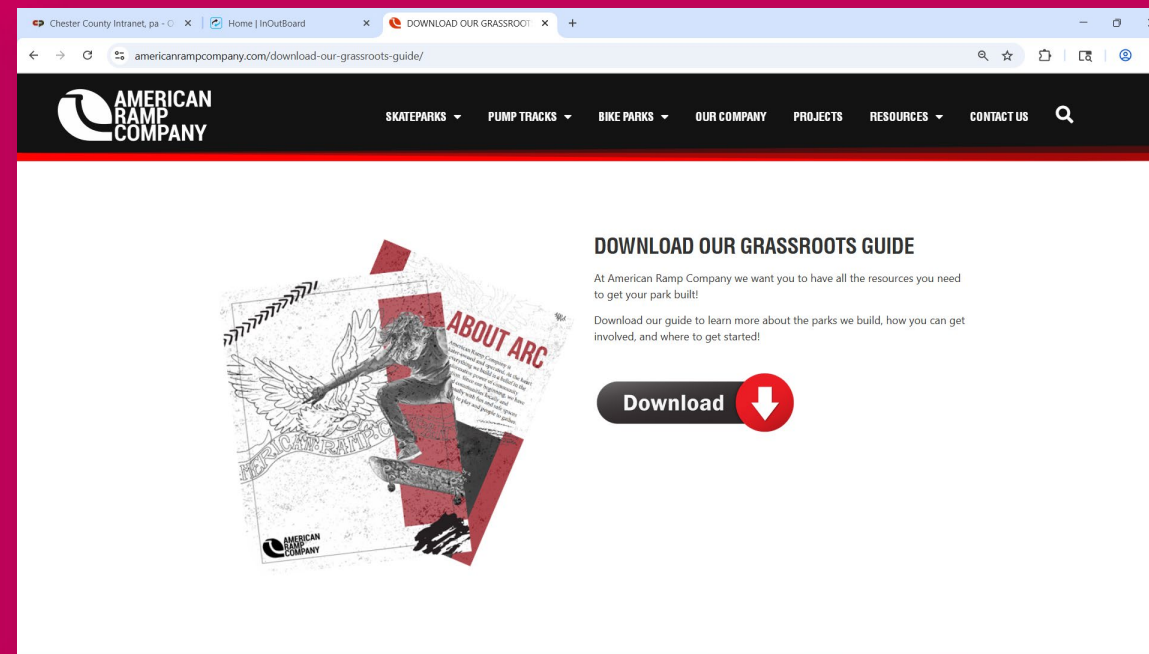
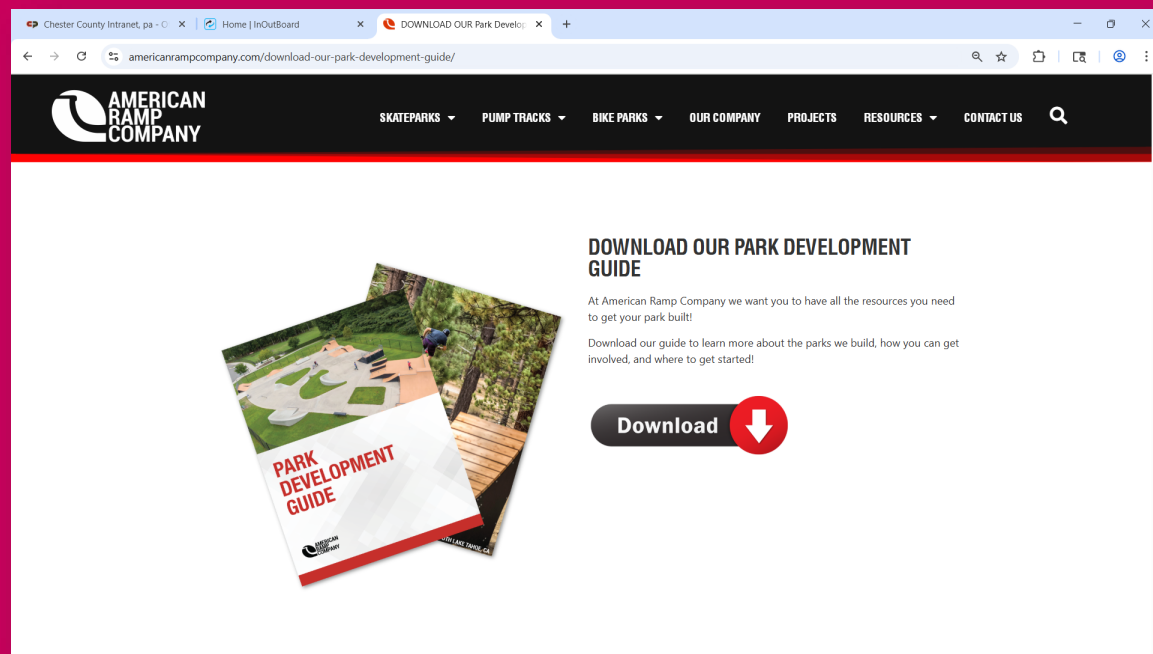
# BIKE PARKS – How do you build a Bike Park?

- Can use municipal staff or consultants and materials.
- Recommend consulting with a professional bike park design/construction firm:
  - American Ramp Company/Velosolutions
  - PumptraxUSA
  - DirtSculpt (PA)

**\*This is not a complete list and Chester County does not endorse specific companies**











SKATEPARKS ▾

PUMP TRACKS ▾

BIKE PARKS ▾

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PROJECTS

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## ALL PROJECTS

**ACWORTH, GA**[View Project](#)**BAKERSFIELD, CA**[View Project](#)**BELLINGHAM, WA**[View Project](#)

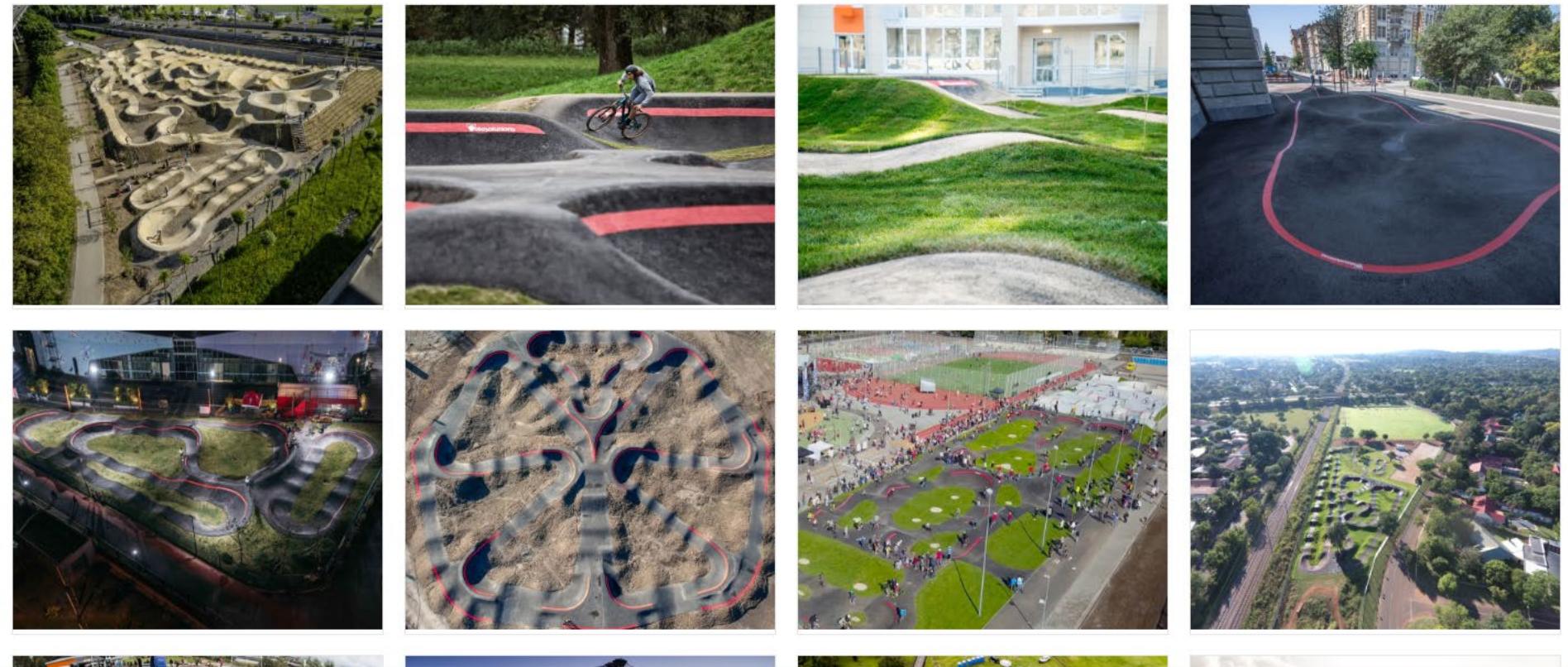




# VELOSOLUTIONS ASPHALT PUMP TRACKS PORTFOLIO



This gallery features some of our 600+ completed projects – check them out now





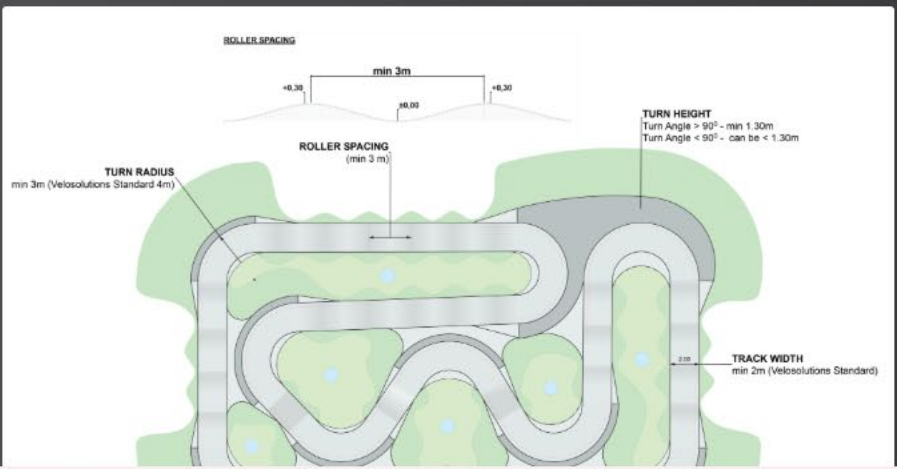
# PUMP TRACK STANDARDS

## Design Guidelines

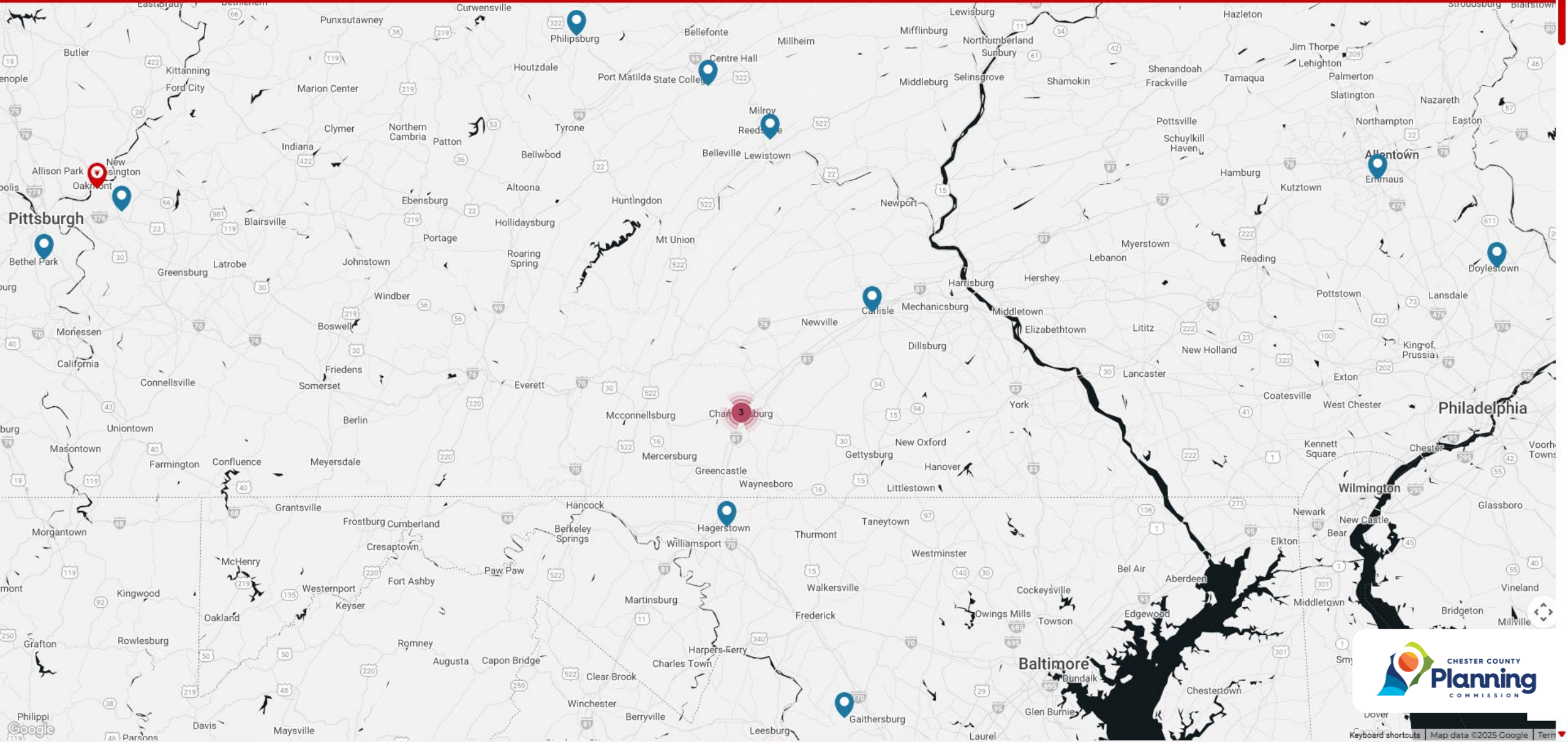
**Important:** When designing race pump tracks, keep in mind that they are generally used by **all skill levels**. Therefore, Velosolutions designs all tracks to be beginner-friendly, while remaining exciting and challenging for experts.

- **Track width:** Min. 2m (Velosolutions Standard).
- **Turn height:** Must be consistent from entrance to exit.
  - Turns with a direction change of more than 90°: min. height 1.30m.
  - Turns with a direction change of less than 90°: may be lower than 1.30m.
- **Turn steepness:** Min. 55° (Velosolutions Standard). Slightly less is tolerable, but not below 50°.

- **Turns must be shaped concave/round**, with a wide flat bottom for beginners and a steep top.
- **Turn radius:** Min. 3m (Velosolutions Standard: 4m). Turn radius must co-relate with the speed that riders are expected to come into it. Higher speeds require bigger turns.
- **First roller placement:**
  - The first roller before and after each turn must be at least 1m from the end of the turn (Velosolutions Standard: 1.50m).
- **Roller spacing:** Min. 3m between each roller.
- **Roller height:** Should be designed in relation to roller spacing, but strict proportionality is not required.









## Raystown Skills Park

**Location:** Hesston, Pennsylvania



## Locken Farm Trails

**Location:** Rockingham County Virginia



# BIKE PARKS – How do you build a Bike Park?

Funding is available for planning, design, and construction:

## Chester County:

- Department of Community Development (DCD) – Community Revitalization Program
- Department of Parks + Preservation - Municipal Park and Trail Improvements

## Pennsylvania:

- Department of Conservation and Natural Resources (DCNR) – Community Conservation Partnerships Program (C2P2).
- Department of Community and Economic Development/ Commonwealth Financing Authority

## Other:

- Partner with a non-profit
- private sponsors
- crowd-funding



Pennsylvania  
Department of Community  
& Economic Development





# BIKE PARKS

## Three Chester County bike parks, let's hear their stories and highlight their success!:

- **Kennett – Pump Track: Christina Norland, Executive Director of Kennett Trails Alliance**
- **Phoenixville – Skills Park: Christian Weirich, Chair of More Kids on Bikes**
- **Elverson – Pump track/skate park (coming soon): Justin Horrocks, Action-Impact Inc.**







# Bike Park

Kennett Greenway  
Parrish Trail  
660 W. South Street  
Kennett Square, PA

<https://kennetttrailsalliance.org/kennett-bike-park>

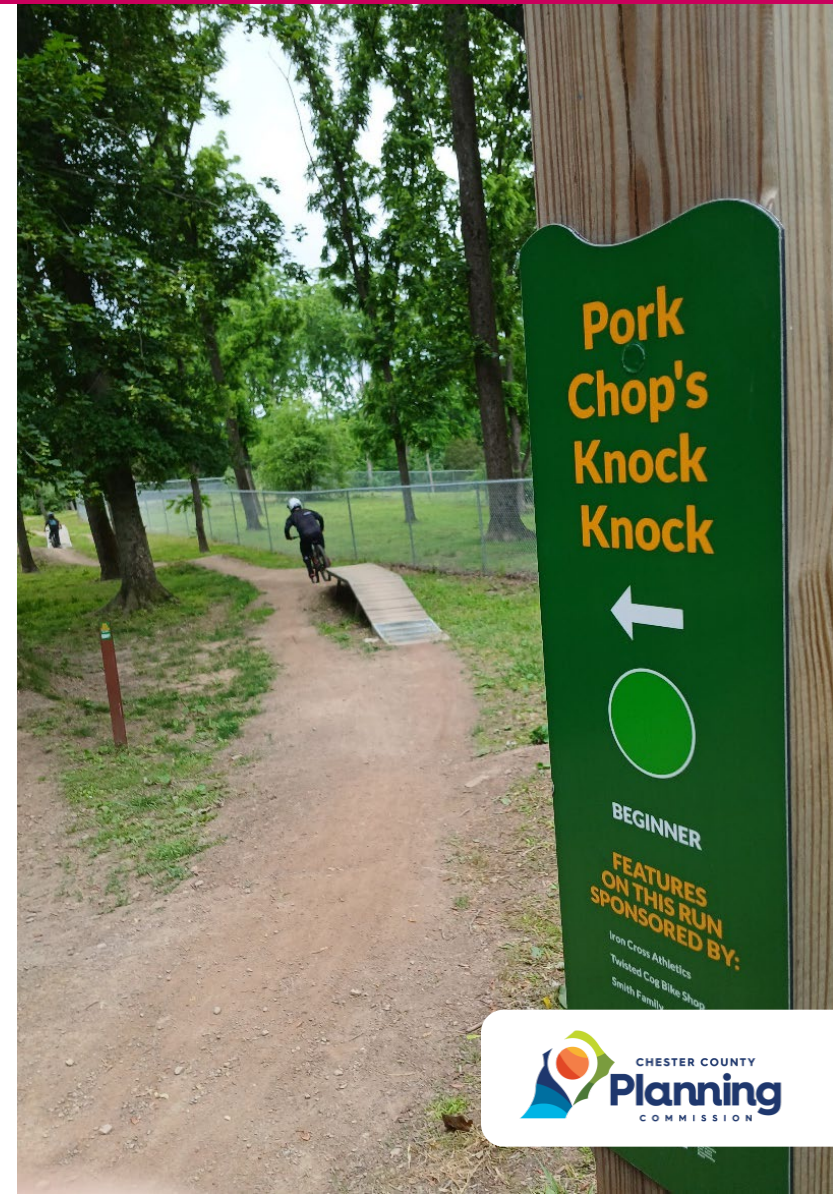


# BIKE PARKS – Phoenixville Skills Park





# BIKE PARKS – Phoenixville Skills Park





# BIKE PARKS – Phoenixville Skills Park





# BIKE PARKS – Phoenixville Skills Park





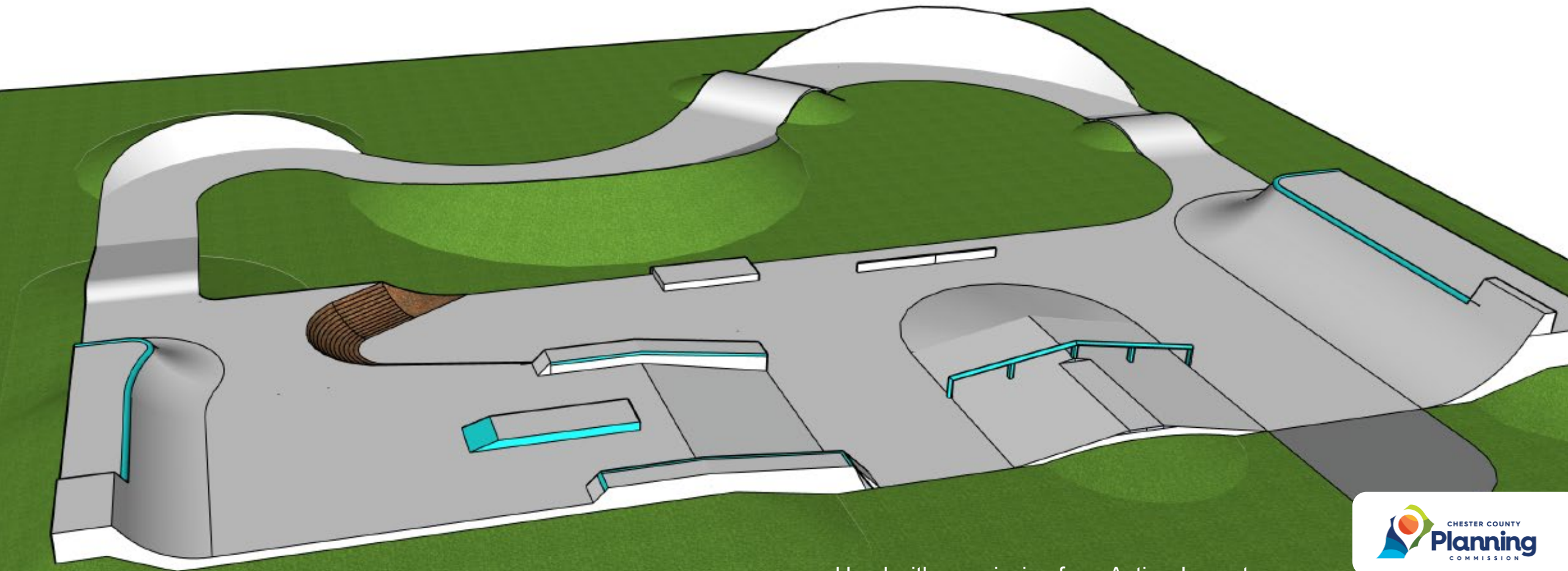
# BIKE PARKS – Phoenixville Skills Park





# BIKE PARKS – Elverson skate park/pump track

COMING SOON!



Used with permission from Action-Impact



# Active Transportation and Bike Parks

## Questions and Answers with Staff and Guest Speakers



# Over 90 Planning eTools cover a range of topics

- Bike Parks (New!)
- Urban Heat Island Mitigation
- Adaptive Reuse
- Outdoor Dining
- Historic Resource Protection Standards
- Affordably Priced Homes
- Accessory Dwelling Units (ADUs)
- Urban Green Spaces
- Transportation
- Utilities, Infrastructure and Energy
- Main Streets

## How it Works

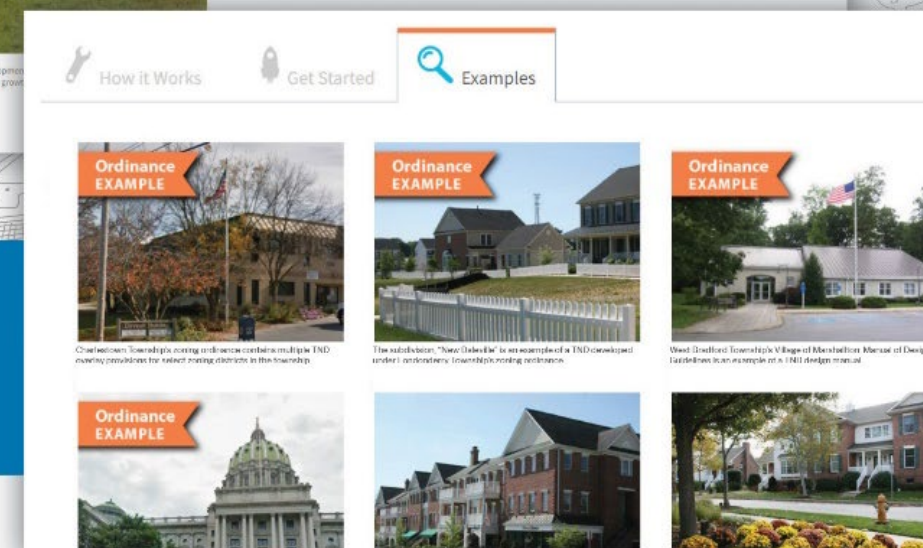
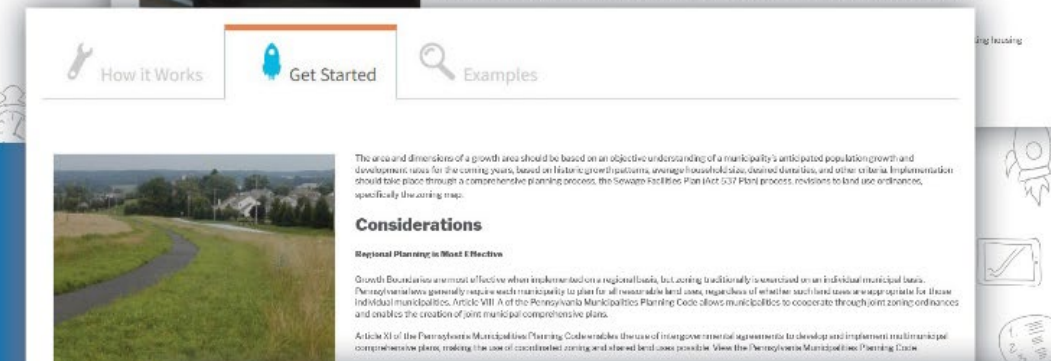
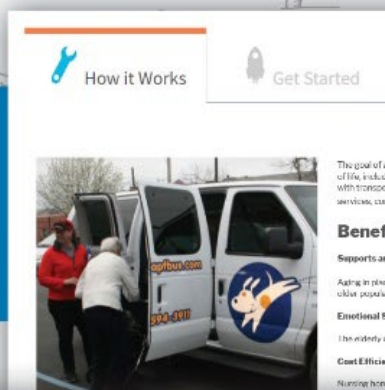
Learn what the planning tool does to benefit communities.

## Get Started

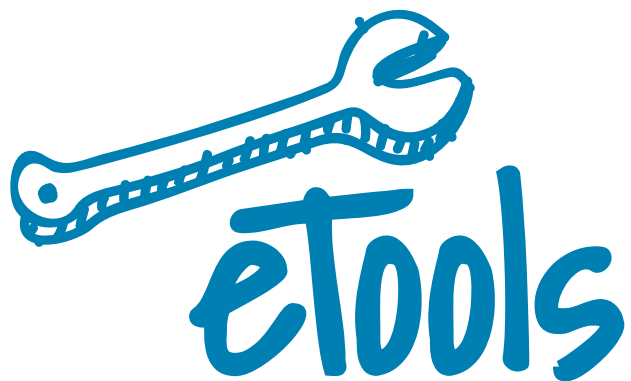
Find out how to apply the planning tool in your community.

## Examples

See how other communities have implemented the planning tool.







Check out our  
MUNICIPAL CORNER  
for the  
**Planning eTools**  
your community needs!

[www.chescoplanning.org/MuniCorner/AllTools](http://www.chescoplanning.org/MuniCorner/AllTools)



# Thank you!

**Kevin Myers, Urban Planner**

[kmyers@chesco.org](mailto:kmyers@chesco.org)

610.344.6285

[www.chescoplanning.org/MuniCorner/UrbanCenters](http://www.chescoplanning.org/MuniCorner/UrbanCenters)



**Brought to you by:**

Chester County Board of Commissioners - Josh Maxwell, Marian Moskowitz, Eric Roe

