

Upper Moreland Township
& Hatboro Borough
Master Trail Plan
Appendices

Additional Tables & Figures

Additional Demographic Tables

Table 1: Population Trends

Community	U.S. Census		Population Change		Pop. Estimate	
	2000	2010	+/-	%	2020	+/-
Upr Moreland Twp	24,993	24,015	(978)	-3.9%	24,522	507
Hatbor Boro	7,393	7,360	(33)	-0.4%	7,591	231
Lwr Moreland Twp	11,281	12,982	1,701	15.1%	13,426	444
Bryn Athyn Boro	1,351	1,375	24	1.8%	1,408	33
Horsham Twp	24,232	26,147	1,915	7.9%	26,987	840
Abington Township	56,103	55,310	(793)	-1.4%	56,172	862
Warminster Twp.*	31,383	32,682	1,299	4.1%	33,035	353
Combined	156,736	159,871	3,135	2.0%	163,141	3,270

Source: U.S. Census Bureau; Delaware Valley Regional Planning Commission

*Municipality located in county other than Montgomery County

Table 2: Population Projections for 2020-2040

Community	U.S. Census		Projected Population Change			Change 2010-2040
	2000	2010	2020	2030	2040	
Upr Moreland Twp	24,993	24,015	507	1,092	1,557	6%
Hatbor Boro	7,393	7,360	231	592	880	12%
Lwr Moreland Twp	11,281	12,982	444	857	1,186	9%
Bryn Athyn Boro	1,351	1,375	33	64	89	6%
Horsham Twp	24,232	26,147	840	3,521	5,698	22%
Abington Township	56,103	55,310	862	2,026	3,190	6%
Warminster Twp.*	31,383	32,682	353	1,236	1,938	6%

Source: U.S. Census; Delaware Valley Regional Planning Commission 2045 Population Forecasts

*Municipality located in county other than Montgomery County

Additional Demographic Tables *cont.*

**Table 3: Population by Age:
Upper Moreland Township, Montgomery County**

Bundled Age Cohorts	2000 Census		2010 Census		2017 Estimates	
	Persons	% of Total	Persons	% of Total	Persons	% of Total
Under 5 Years	1,460	5.8%	1,366	5.7%	1,413	5.8%
5-14 Years	3,088	12.4%	2,735	11.4%	2,825	11.7%
15-24 Years	2,704	10.8%	2,785	11.6%	2,831	11.7%
25-44 Years	7,813	31.3%	6,269	26.1%	6,474	26.8%
45-64 Years	5,349	21.4%	6,782	28.2%	6,592	27.2%
65-84 Years	3,928	15.7%	3,245	13.5%	3,214	13.3%
85 Years & Older	651	2.6%	833	3.5%	837	3.5%
Total	24,993		24,015		24,186	
Median Age (in Years)	38.8		41.2		40.6	

Source: U.S. Census, American Fact Finder, 2000 Summary File 1 & 2010 Summary File 1,
2017 Estimate: US Census Community Survey 5 Year, with Margin of Error (MOE) potential of 100 persons

**Table 4: Population by Age:
Hatboro Borough, Montgomery County**

Bundled Age Cohorts	2000 Census		2010 Census		2017 Estimates	
	Persons	% of Total	Persons	% of Total	Persons	% of Total
Under 5 Years	472	6.4%	433	5.9%	401	5.4%
5-14 Years	1,007	13.6%	902	12.3%	734	9.9%
15-24 Years	787	10.6%	895	12.1%	1046	14.1%
25-44 Years	2,443	33.0%	2,080	28.3%	2,008	27.0%
45-64 Years	1,565	21.1%	2,035	27.7%	2,062	27.8%
65-84 Years	979	13.3%	867	11.9%	1066	14.4%
85 Years & Older	140	1.9%	148	2.0%	119	1.6%
Total	7,393		7,360		7,346	
Median Age (in Years)	37.5		38.9		38.5	

Source: U.S. Census, American Fact Finder, 2000 Summary File 1 & 2010 Summary File 1,
2017 Estimate: US Census Community Survey 5 Year, with Margin of Error (MOE) potential of 100 persons



UPPER MORELAND-HATBORO BOROUGH INTERSECTION REVIEW

ID	Intersection	Priority	Comments						Potential Improvements	Construction Estimate
			Existing Signalized Intersection	Pedestrian Push Buttons	Compliant ADA Curb Ramps	Accessible Routes from all approaches	Pedestrian Refuge	Special Notes		
1	Corridor Wide								Existing 4 lanes, high speed travel. Narrow and disconnected pedestrian paths. No bike facilities. Lack of curb ramp and pedestrian signals. Uncomfortable pedestrian situation. Long roadway crossings.	
2	Old York Road & Terwood/Fitzwatertown Road		Yes	Yes	Yes (could be improved)	Yes	No	No	Existing crossings are long. Crosswalks are thin faded lines. Pedestrian paths are narrow. Existing crossing of 3 legs (All but West Leg of West Chester Pike)	\$ 10,000.00
3	Railway Underpass Near Sunset Lane		No	No	No	No	No	No	Sidewalk repair ADA ramps at Sunset Lane Pedestrian path is narrow creating an uncomfortable situation along the retaining wall/underpass. Cannot accommodate bicycle traffic.	\$ 22,000.00
4	Old York Road & Jaguar/Landrover Dealership		Yes	Yes	Yes (could be improved)	No	No	No	Only pedestrian access along Old York Road. Narrow pedestrian paths. Long Crossings.	\$ 7,500.00
5	PA Turnpike Underpass		No	No	No	No	No	No	Narrow sidewalk and uncomfortable pedestrian situation. No bicycle facilities.	\$38,000
6	Old York Road & Mill/Warminster Rd		Yes	Yes	Yes (could be improved)	Yes	No	No	ADA Curb Ramps and sidewalks covered with debris in areas.	\$ 9,000.00

UPPER MORELAND-HATBORO BOROUGH INTERSECTION REVIEW

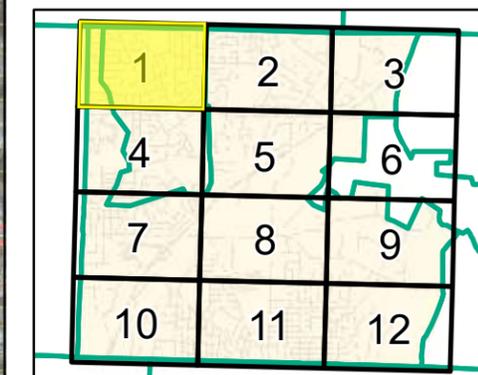
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ID	Intersection	Priority	Comments						Potential Improvements	Construction Estimate
			Existing Signalized Intersection	Pedestrian Push Buttons	Compliant ADA Curb Ramps	Accessible Routes from all approaches	Pedestrian Refuge	Special Notes		
7	PA Turnpike Underpass to Pennypack Creek Crossing		N/A	Y/N	Y/N	No	No	No	<p>Replace sidewalk with 5' sidewalk on the east side of York Road from Warminster to Armour.</p> <p>Install with 5' sidewalk on the west side of York Road from Warminster to connect to sidewalk north of Armour.</p> <p>6 Ped countdown signal heads w/new ped pushbutton signage @ Newington Sidewalk from Newington to Mill (east side)</p> <p>6 Ped countdown signal heads w/new ped pushbutton signage @School Apron replacement and sidewalk repair/adjustment from Mill to Horsham</p>	\$ 355,700.00
8	Hatboro Section (Pennypack Creek Crossing to Summit Ave)		Y/N	Y/N	Y/N	Yes	Yes	No	<p>This section has pedestrian access and facilities in fair condition. Very walkable. Some existing ADA curb ramps.</p>	\$20,000
9	Summit Ave to County Line Road		N/A	Y/N	Y/N	No	No	No	<p>This section of roadway has limited pedestrian access. It is constricted by side slopes and very narrow sidewalk sections. Large portions have no pedestrian access with some existing structures/features preventing space for them. S York Road is wide with limited intersections allowing for speeding creating an discomfort for pedestrian.</p>	
10	N York Road & County Line Road		Yes	Yes	Yes (could be improved)	Yes	Yes	Yes	<p>Refresh Crosswalks- Continental style</p>	\$10,000

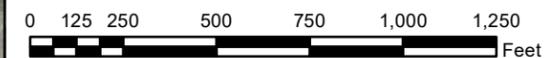


MAP TILE #1



Legend

- Proposed Trail Segments
- Potential Park Trails
- Previously Proposed County Trails & Bike Routes
- Existing Trails
- Existing Sidewalk
- Parcels
- Parks
- Private Open Space
- Schools
- Municipal Boundary
- County Boundary



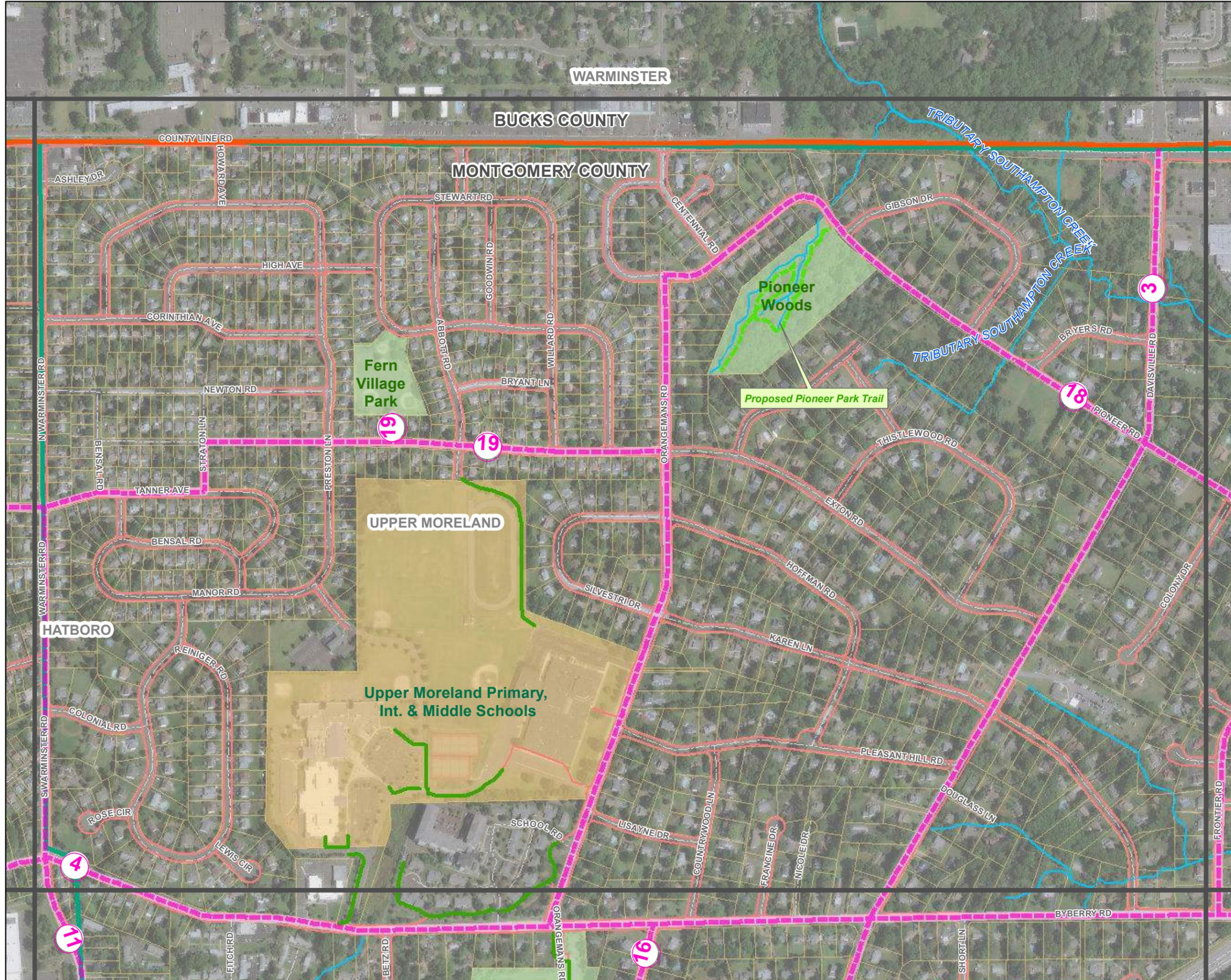
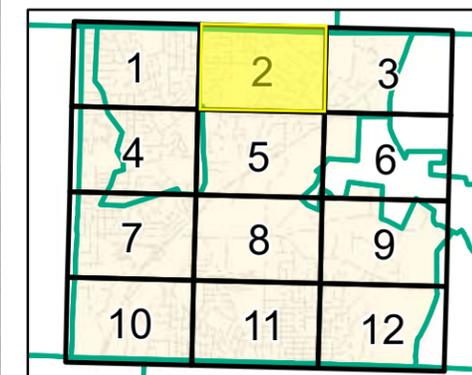


WARMINSTER

BUCKS COUNTY

MONTGOMERY COUNTY

MAP TILE #2



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WARMINSTER

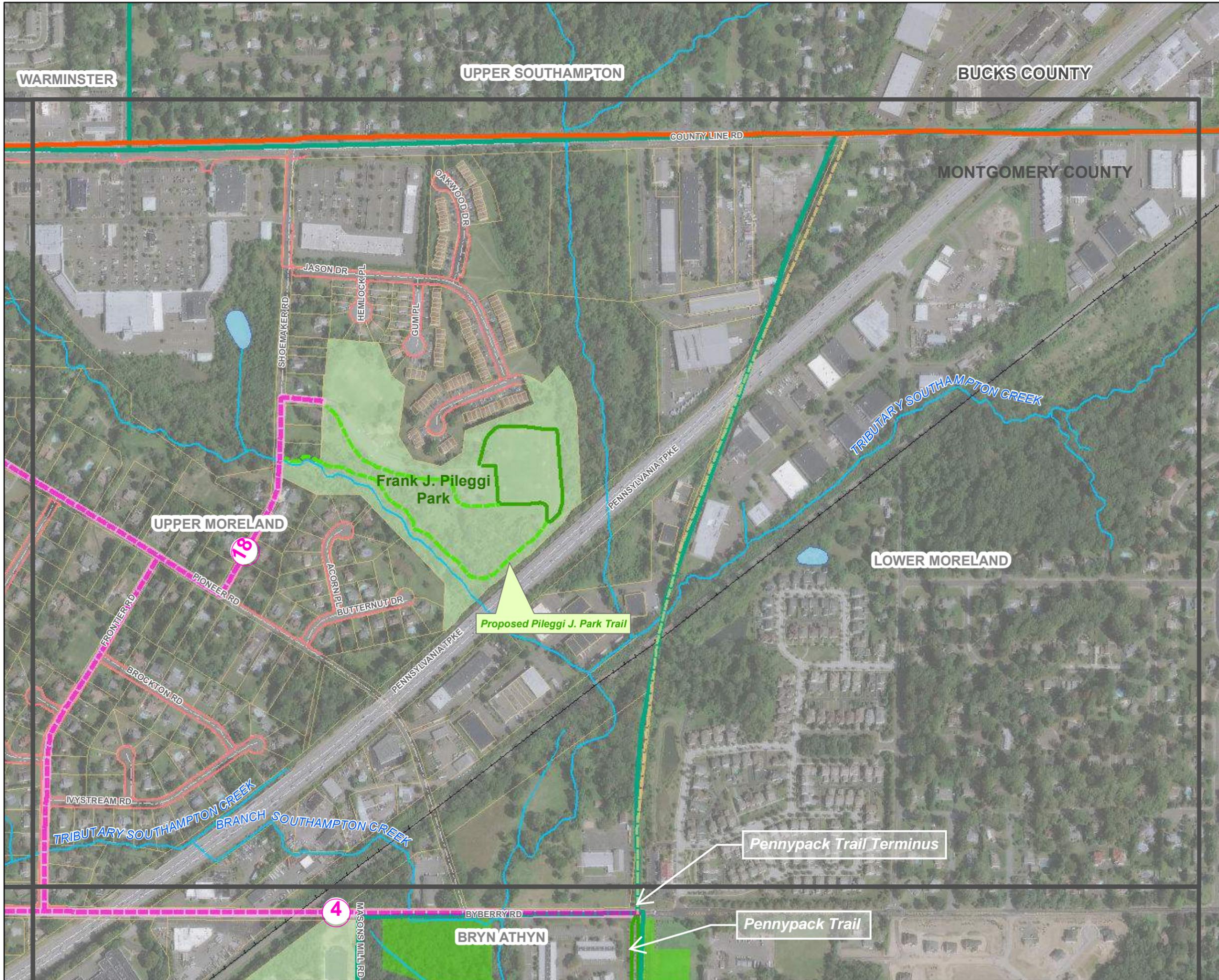
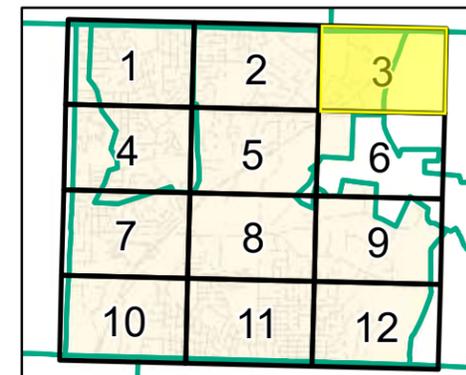
UPPER SOUTHAMPTON

BUCKS COUNTY

COUNTY LINE RD

MONTGOMERY COUNTY

MAP TILE #3



UPPER MORELAND

LOWER MORELAND

Proposed Pileggi J. Park Trail

Pennypack Trail Terminus

Pennypack Trail

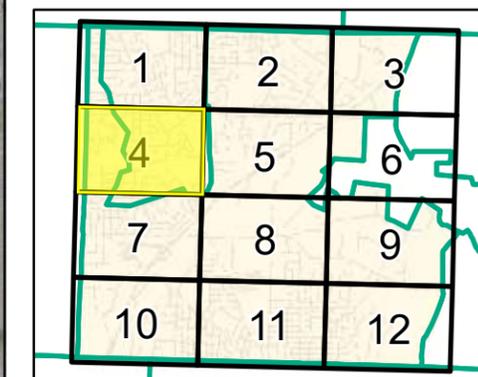
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MAP TILE #4



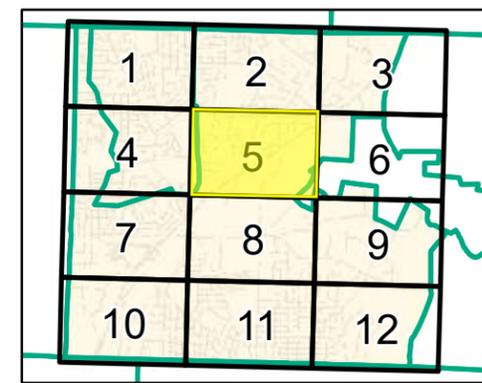
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MAP TILE #5



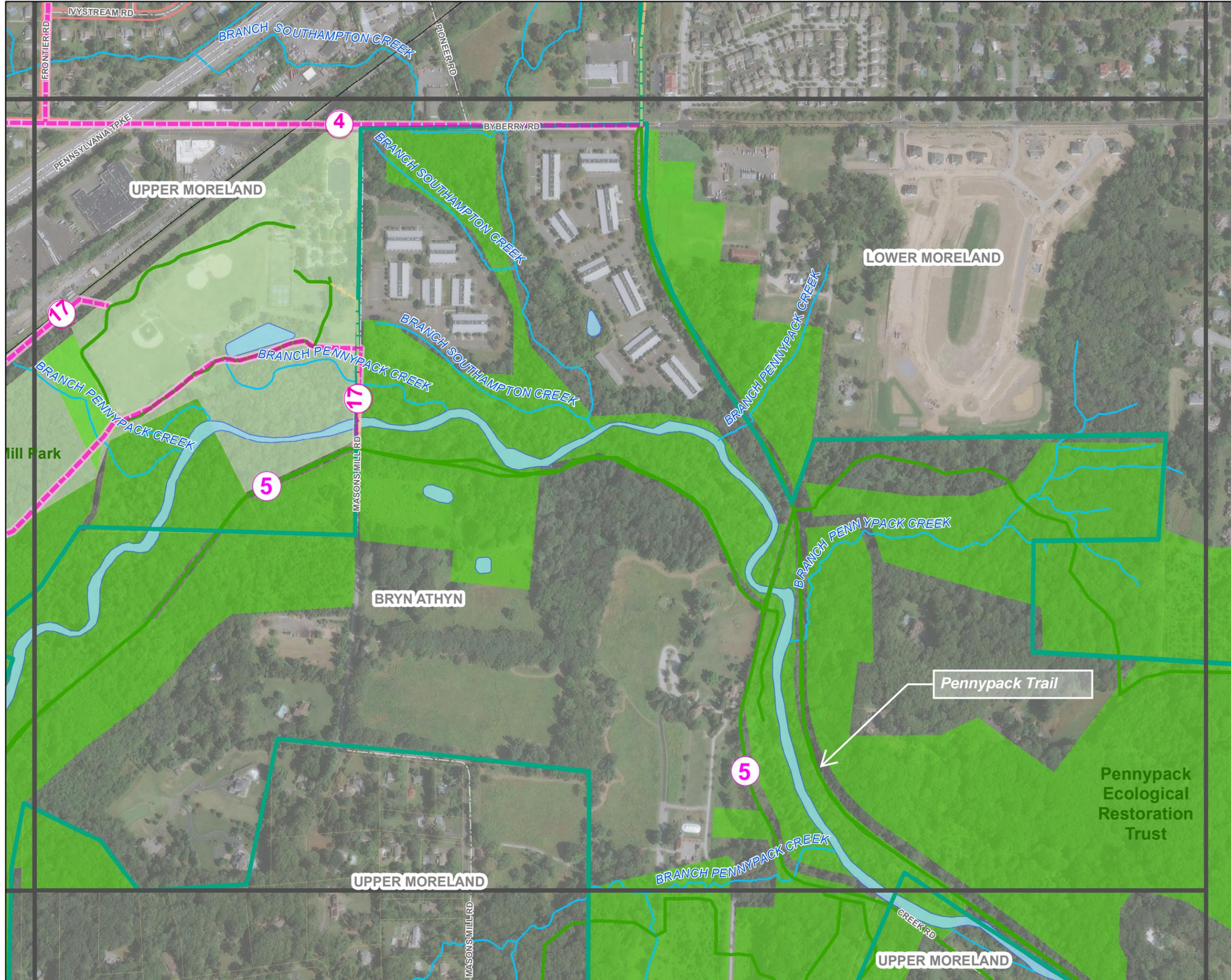
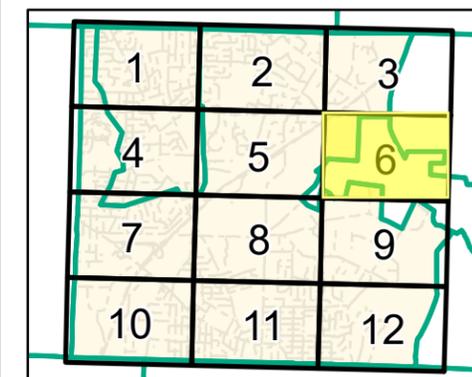
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MAP TILE #6



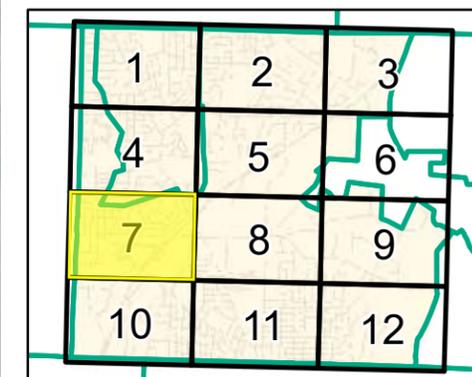
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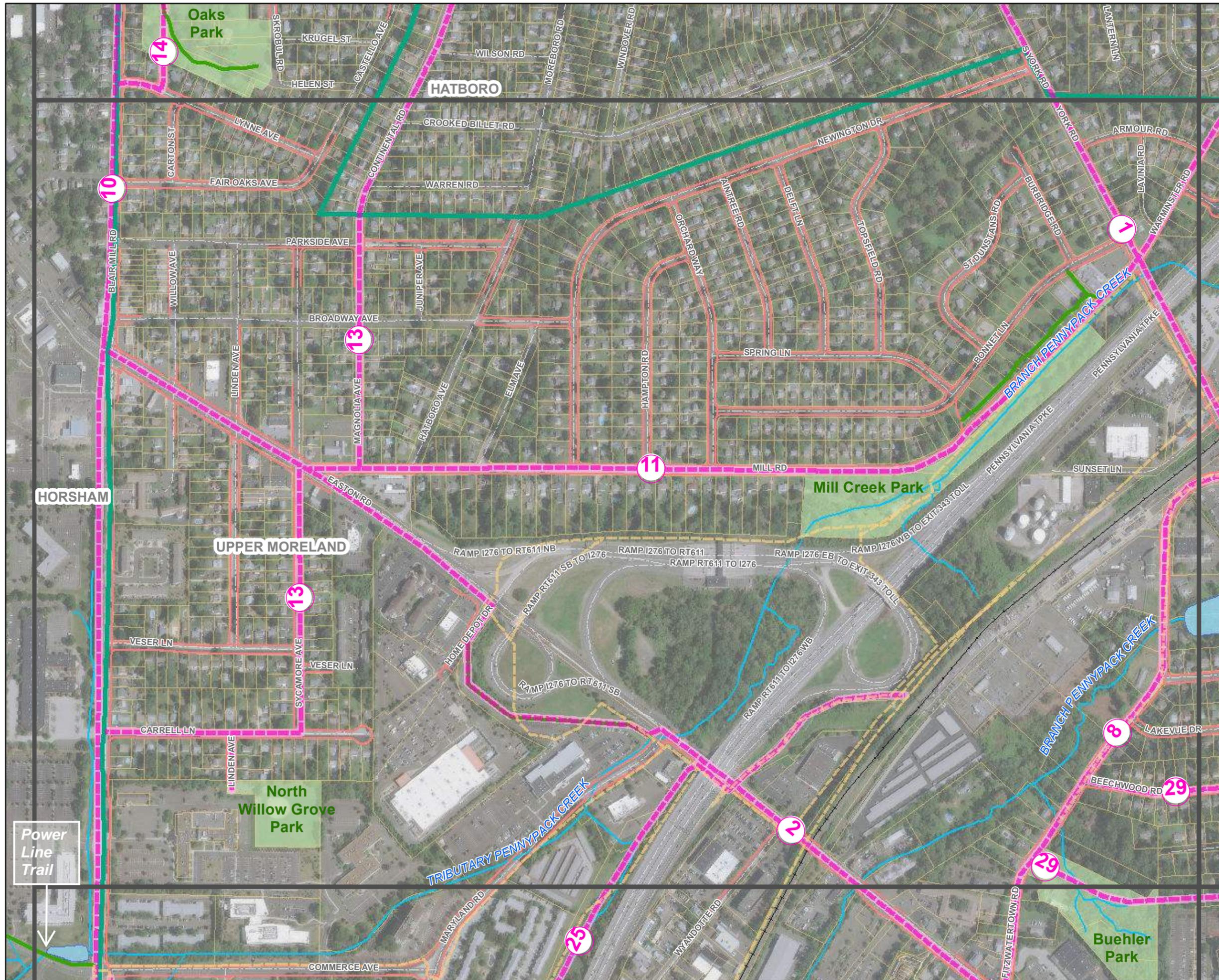
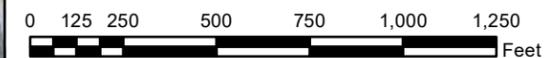


MAP TILE #7



Legend

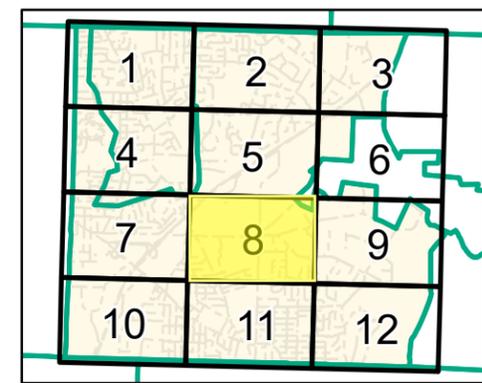
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Power Line Trail

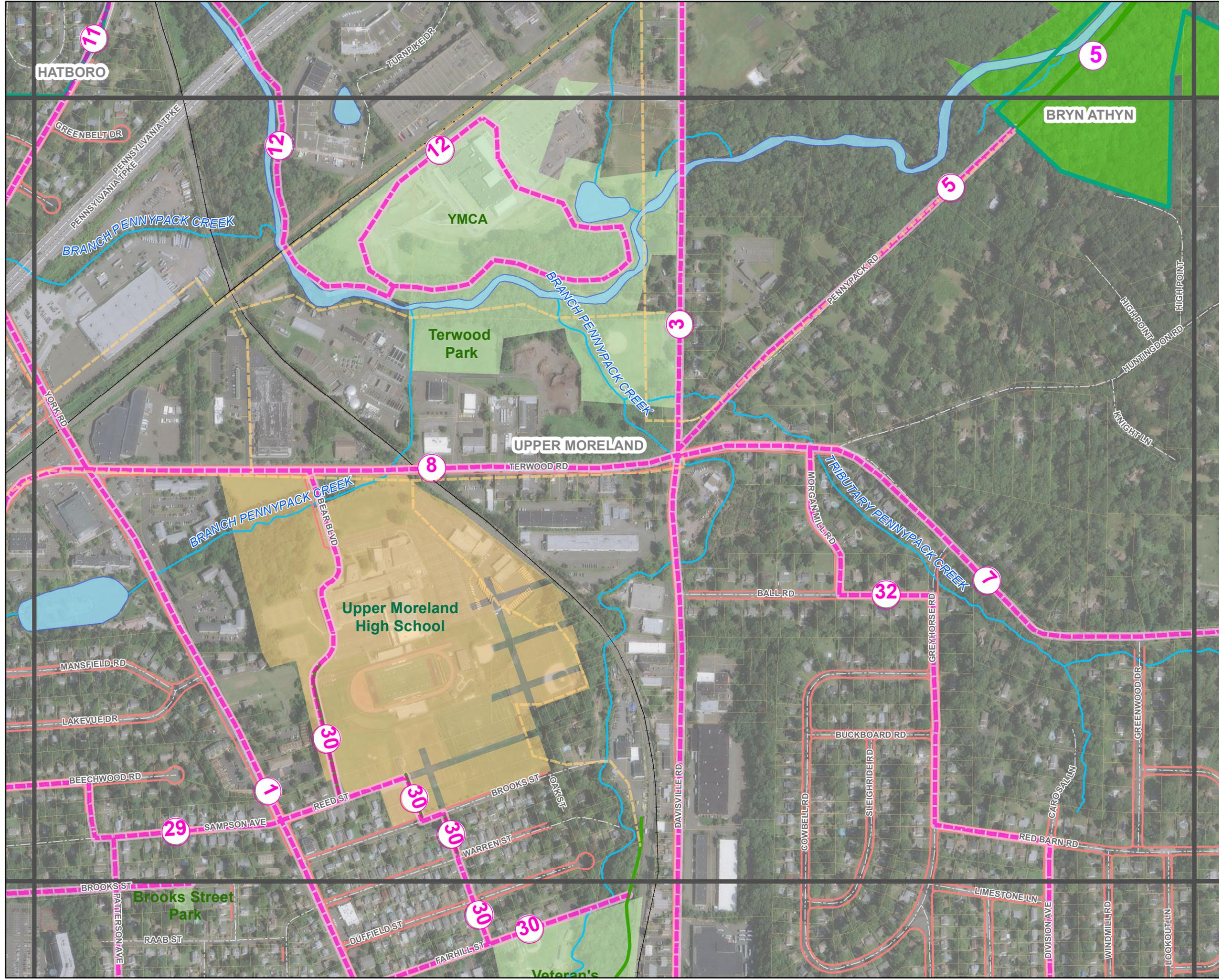


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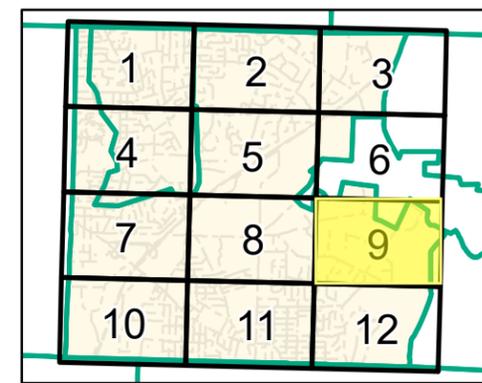
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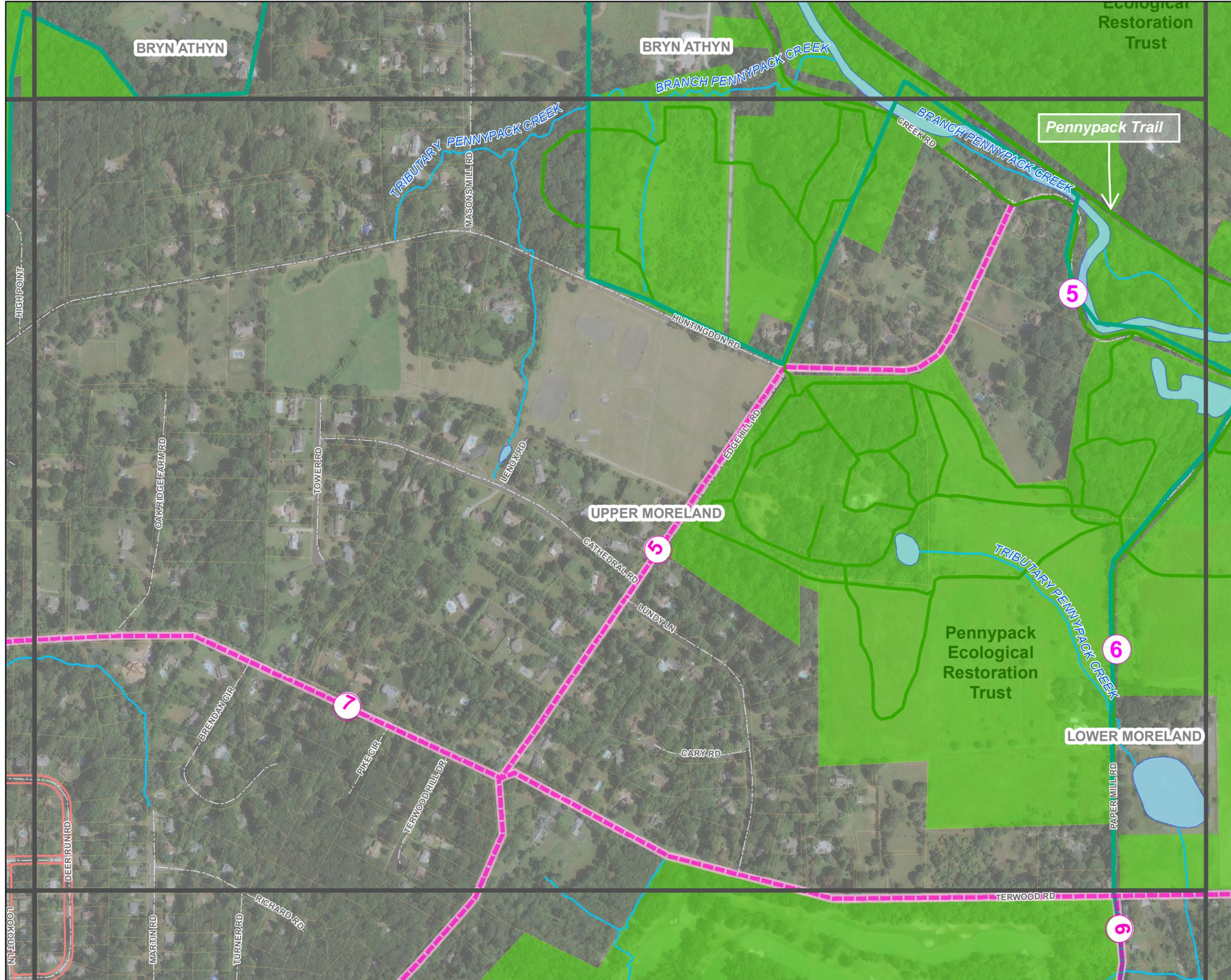


MAP TILE #9



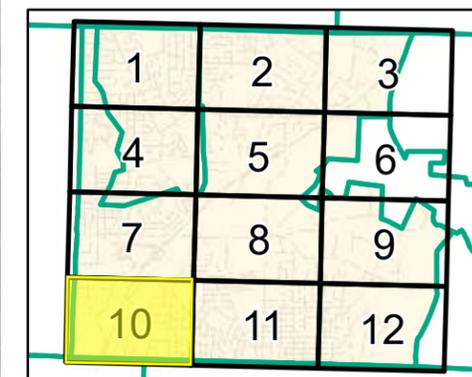
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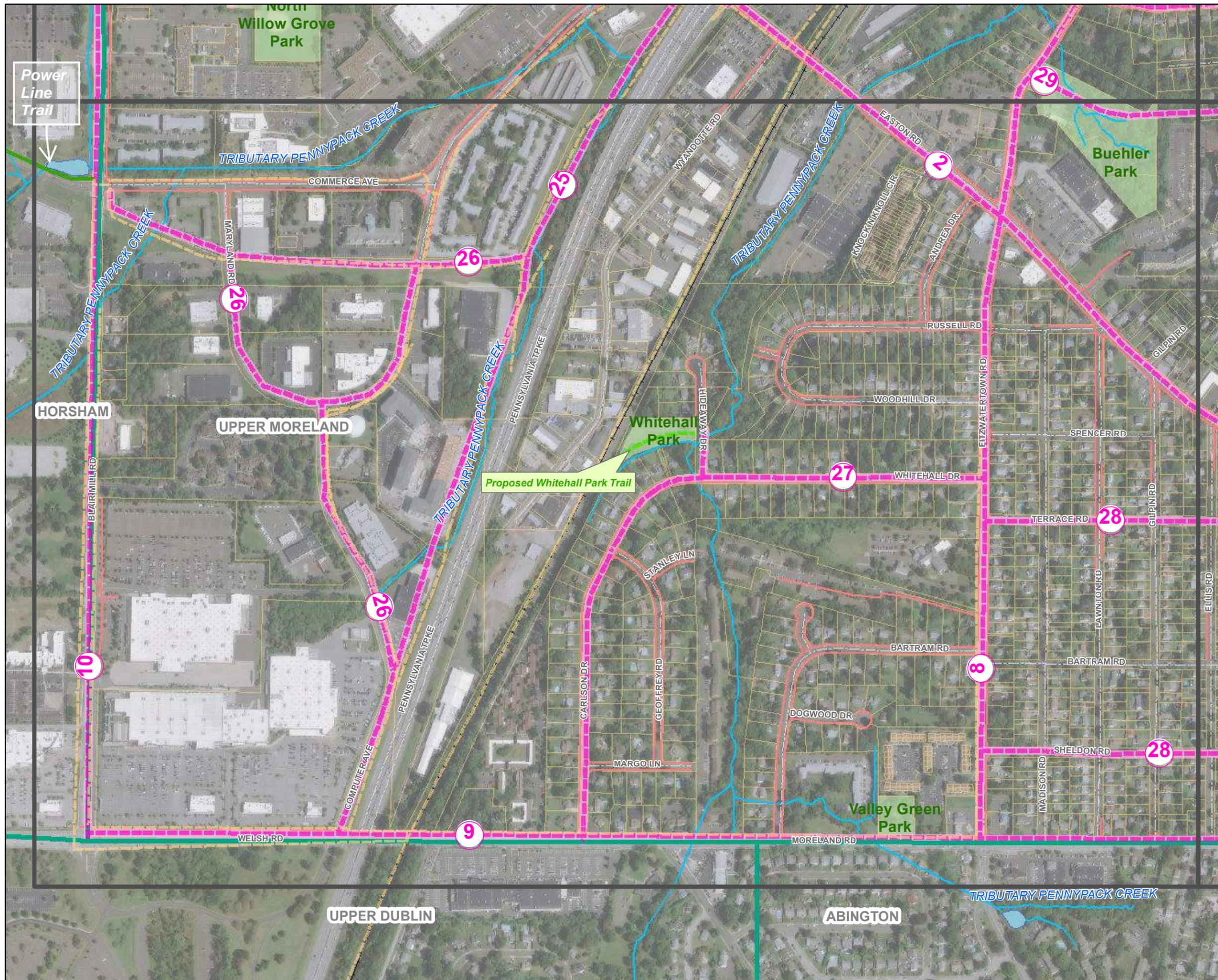


MAP TILE #10



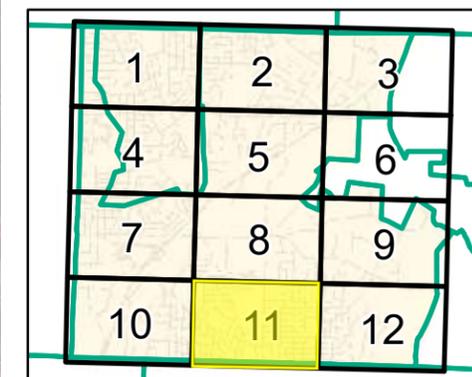
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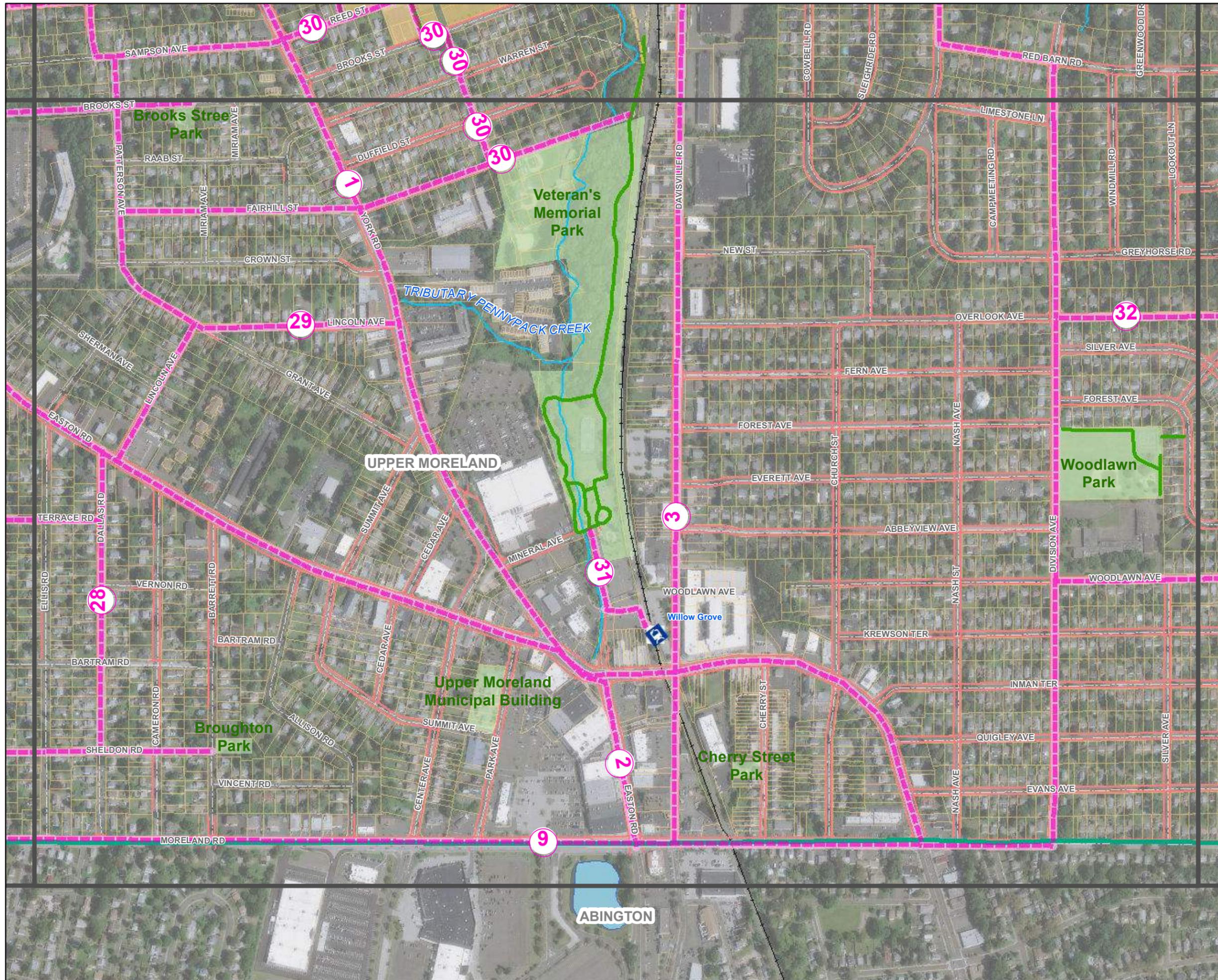


MAP TILE #11



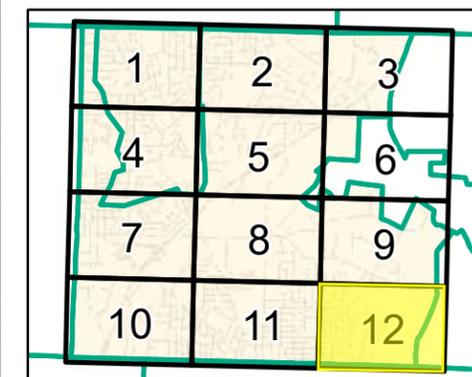
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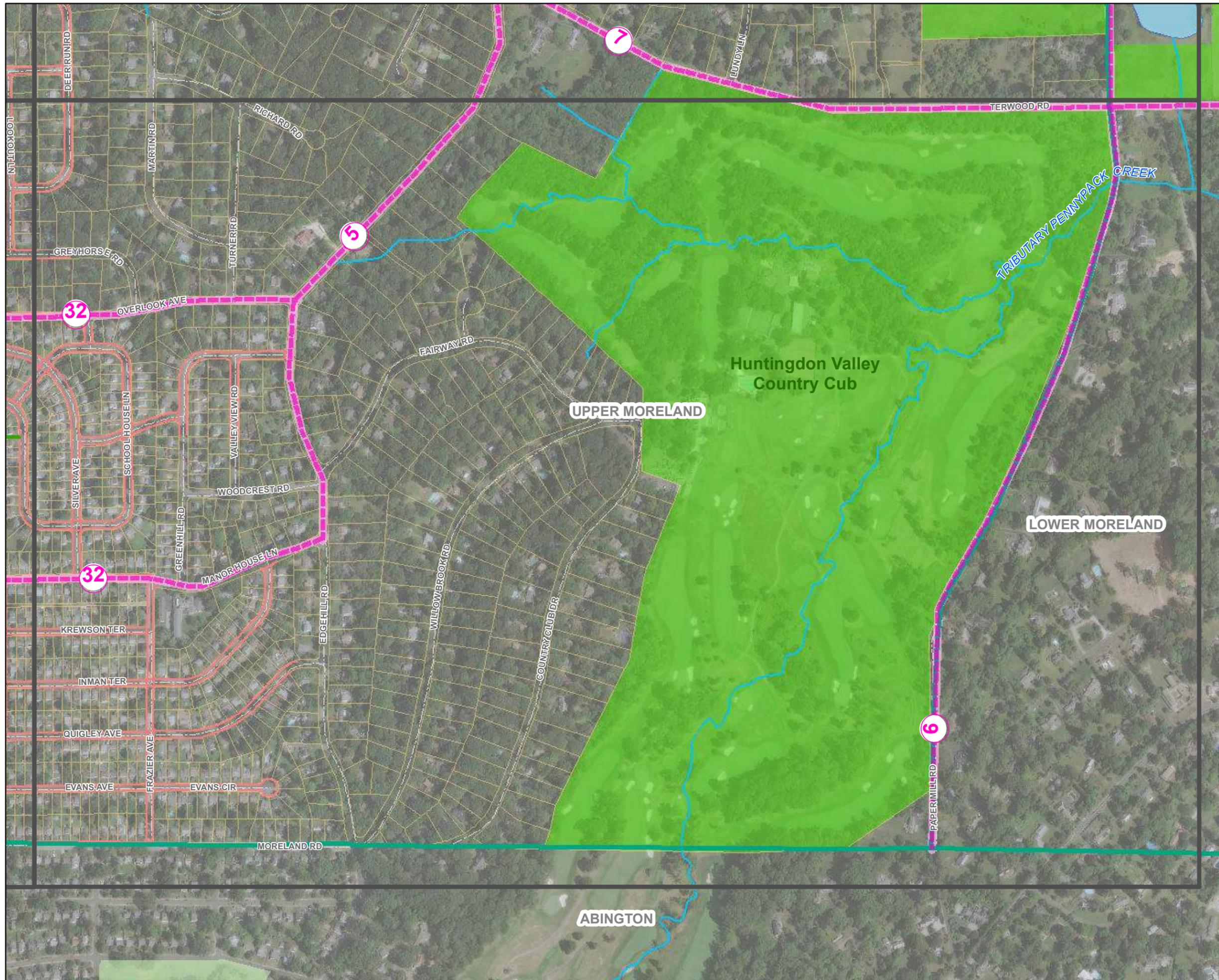


MAP TILE #12

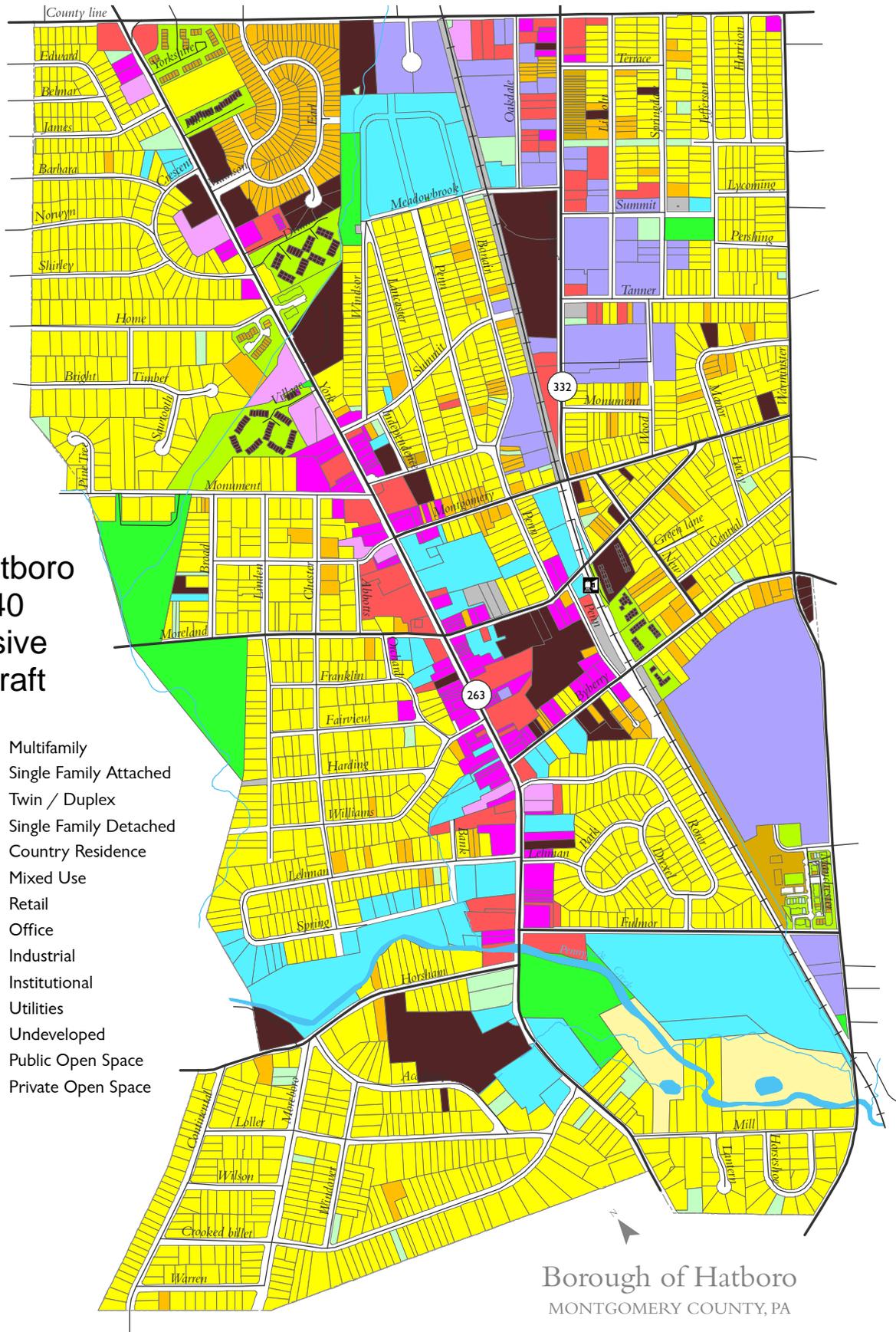


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MAP 5.1: EXISTING LAND USE



From the Hatboro
Borough 2040
Comprehensive
Plan 2019 Draft

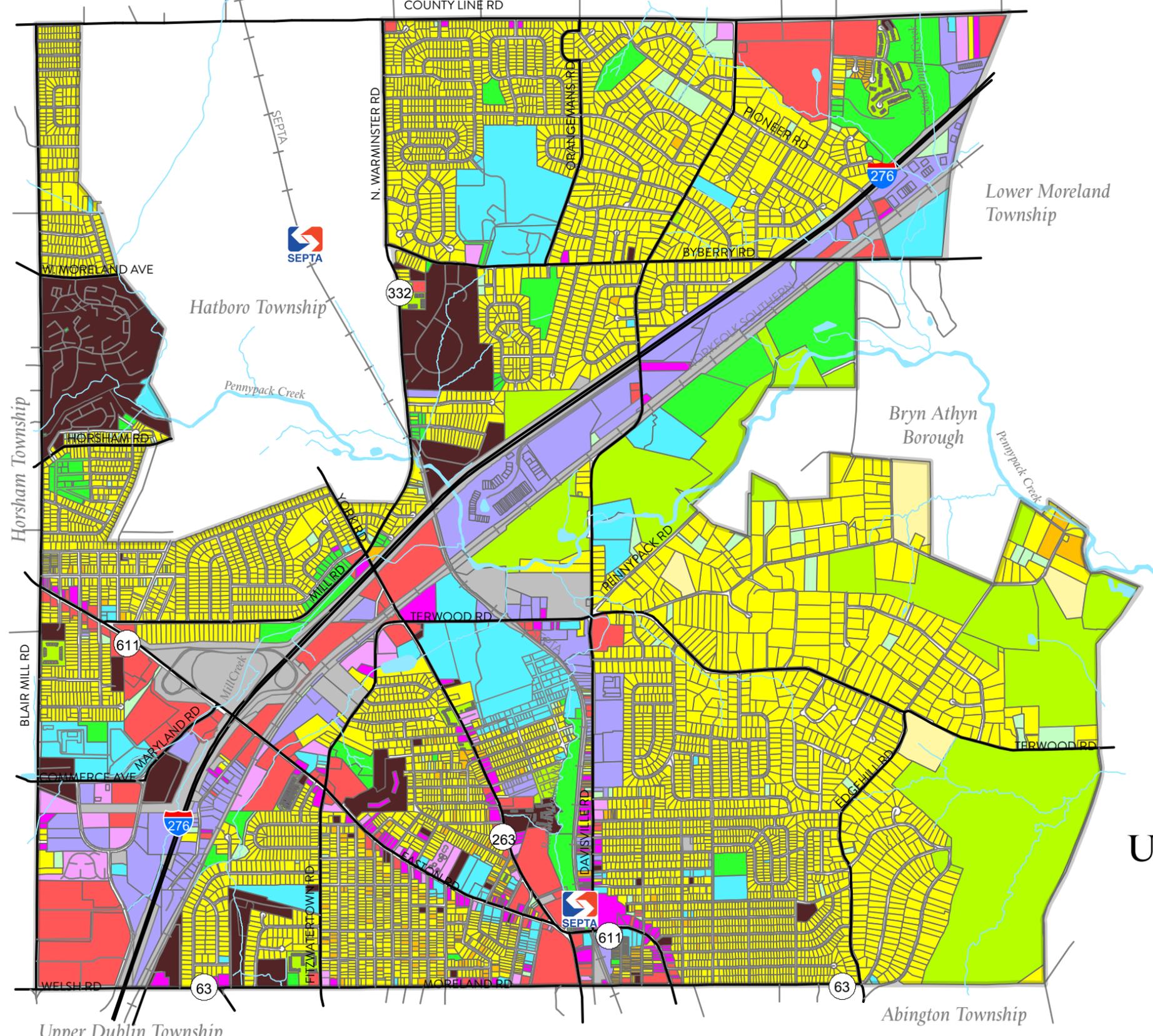
- Multifamily
- Single Family Attached
- Twin / Duplex
- Single Family Detached
- Country Residence
- Mixed Use
- Retail
- Office
- Industrial
- Institutional
- Utilities
- Undeveloped
- Public Open Space
- Private Open Space

Borough of Hatboro
MONTGOMERY COUNTY, PA



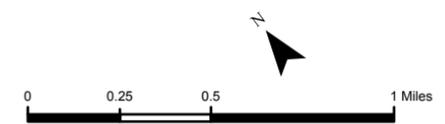
Source: Montgomery County Board of Assessment, MCPC

From the Upper Moreland Township Comprehensive Plan 2019 Draft



- Land Use**
- Multifamily
 - Single Family Attached
 - Twin / Duplex
 - Single Family Detached
 - Country Residence
 - Mixed Use
 - Retail
 - Office
 - Industrial
 - Institutional
 - Utilities
 - Undeveloped
 - Public Open Space
 - Private Open Space

Upper Moreland Township MONTGOMERY COUNTY, PA



Plans & Projects Reviewed

PLANS REVIEWED

The following local and regional planning documents were reviewed and found to support a trail network through Upper Moreland Township and Hatboro Borough.

LOCAL

Hatboro Comprehensive Plan & Revitalization Strategy 2004

The Montgomery County Planning Commission is currently updating the Borough's plan to develop '***Hatboro 2040***', a new plan with long-range visions, recommendations, and strategies to guide future growth and enhancements throughout the Borough. The past plan focused heavily on revitalizing the businesses of downtown Hatboro through multiple goals and strategies, including enhancing streetscapes and making the business district more pedestrian friendly.

Top Recommendations for Trails:

- Initiate traffic calming and pedestrian-friendly features in the central business district
- Protect & enhance pedestrian walkways along York Rd and strengthen connections to parking
- Better link the SEPTA station with York Road & extend streetscape improvements

Hatboro 2005 Open space and Parks & Recreation Plan

This borough-wide plan is currently being updated by the Montgomery County Planning Commission to form a ***Parks, Recreation, & Open Space Plan***. When complete, this plan will provide a current evaluation of Hatboro's park, recreation and open space resources and will incorporate over a decade of new techniques, methods, and trends to enhance the goals and recommendations of the 2005 plan. The 2005 plan identifies park, recreation, and open space priorities including the importance of protecting and linking open space and park resources.

Top Recommendations for Trails:

- Protect the limited remaining open space & natural features in the Borough
- Utilize and conserve the Pennypack as an open space link and trail system
- Extend streetscape improvements beyond York Road corridor
- Establish a greenway trail in Hatboro starting with a trail feasibility Study
- Develop loop trails within, and safe connections between parks

Hatboro 2006 Elm Street Plan

Developed with the *Pennsylvania Elm Street Program*, this plan focuses on 230 acres around Jacksonville Road in the northeaster portion of the Borough. Hatboro's Elm Street Plan is the first step to revitalizing Hatboro's downtown and adjacent areas by examining existing conditions and developing recommendations and an implementation strategy. This planning step opens the Borough up to Elm Street construction funds. Goals of the plan include: enhance streetscapes and local business appearances, create sustainability within the local neighborhoods, and revitalize surrounding neighborhoods while connecting with revitalization activities of nearby commercial businesses.

Top Recommendations for Trails:

- Ensure existing sidewalks are well maintained
- Construct new concrete sidewalks, add curb cuts to facilitate pedestrian traffic, and bulb outs for safety
- Develop streetscapes with improved lighting and street trees
- Pedestrian focus: Jacksonville Road and intersections, Hatboro's central business district

Hatboro SEPTA Regional Rail Station—2019 Draft

This draft plan, developed by the *Delaware Valley Regional Planning Commission* as part of their Safe Routes to Transit program, focuses on low-cost, high impact interventions around the Hatboro Station to enhance bicycle and pedestrian access and safety. The improvement strategy includes: addition of bicycle infrastructure, creation of safe pedestrian crossings and completed sidewalk network, and the connection of York Road commercial corridor with the station.

Top Recommendations for Trails:

- Bicycle network enhancements on Jacksonville Road
- Sidewalk extensions on Jacksonville, E. Moreland, and Bybery roads
- Improved pedestrian crossings surrounding the station

Upper Moreland 2040 Comprehensive Plan—2019 Draft

The Township is currently updating its comprehensive plan. When complete this plan will identify a long-range community vision for Upper Moreland with priorities and guidelines to help the Township achieve their 2040 vision. The plan focuses on residential neighborhoods and living options, a robust and diverse economy, arts and recreation opportunities, community identity and sustainability.

Top Recommendations for Trails:

- Collaborate with neighboring municipalities to develop regional trails
- Expand sidewalk, trail and bicycle facilities to improve pedestrian safety and access to Willow Grove, schools, and parks
- Improve street, and potentially railroad, crossings for pedestrians

Upper Moreland Revitalization Plan 2012

An update to the Township's 2003 revitalization plan, this report acknowledges Upper Moreland's achievements over the past decade and updates the municipality's revitalization vision with a revised set of goals and an action plan. The plan specifically focuses on the rejuvenation of Downtown Willow Grove and the Interchange to enhance streetscapes, boost economic development and improve pedestrian safety.

Top Recommendations for Trails:

- Use gateway and wayfinding signage to strengthen the "sense of place" in the downtown and make it easier for people to get to Willow Grove, the Interchange, and Maryland Rd and Commerce Ave.

- Streetscape improvements including crosswalks and pedestrian plaza's along York, Moreland and Easton
- Safe pedestrian connections to regional trails via the PA Turnpike Bridge and acquired PECO power lines

Upper Moreland Comprehensive Parks and Recreation Plan 2007

This plan inventories and analyzes the existing Township park and recreation facilities and conditions and provides a list of recommendations to meet the recreational needs of Upper Moreland residents. Top goals of the plan include providing safe and well maintained facilities that meet the needs of all residents and developing partnerships and funding basis to enhance and support park improvements.

Top Recommendations for Trails:

- Upgrade park walking paths and link with other park resources to form a connected network
- Conduct a Trail & Greenway study to establish a trail system with links to the Cross County Trail and all 19 Township Parks.

Upper Moreland Open Space Plan 2006

This plan examines Upper Moreland's existing and potential open space opportunities, evaluates progress since the 1996 plan, and provides updated recommendations for open space projects, programs and policies including priority levels and responsible parties. The plan also stresses the importance of a linked open space network via trail networks.

Top Recommendations for Trails:

- Implement the Pennypack Greenway to form an open space network and form gateways
- Develop township trail spurs off of regional trails (Cross County and Power Line)
- Develop Township Spur Trails along railroad, Terwood Road, Easton Road and utility parcels
- Create a visual and pedestrian connection from Veterans Memorial Park to Willow Grove
- Provide pedestrian/bicycle link along Byberry Road to provide multiple connections
- Encourage the donation of land/easements to protect open space and develop a greenway

Upper Moreland... Trail of History

This detailed handout provides a self-guided walking tour route that delivers the history of Upper Moreland with a focus on some historically important sites that played a role in creating the Upper Moreland we know today.

UMT-Willow Grove Redevelopment Plan Expansion Area, Phase 1 (2014)

This report is the 'Plan' step identified in the 2003 Redevelopment Area Plan and specifically develops a redevelopment plan for the Willow Grove area, extending along Davisville, Easton, Terwood, York, Center, Cedar, and Summit roads. The plans vision focuses on attracting and enhancing businesses to boost the economy, enhance walkability, and form a thriving community.

Top Recommendations for Trails:

- Trail link between York and Davisville to the High School, and between the train station to the retail
- Establish a pedestrian crossing of the SEPTA Warminster regional rail line to provide better pedestrian access to the High School and Veteran's Memorial Park

- Reconfigure the 611/263 interchange to provide a four-way intersection for better pedestrian access

COUNTY

Montco 2040 Comprehensive Plan 2015

This county-wide plan is structured around implementation themes and goals that form an implementable and measurable plan with recommendations to achieve the community, economic and environmental visions outlined for Montgomery County. This trail study especially embodies the County plan's theme *Connected Communities* and meets multiple plan goals including municipalities expanding their trail networks, connecting to county trails, and utilizing greenways to connect residents with natural resources.

Top Recommendations for Trails:

- Expand and connect county trails, local trails, greenways, natural areas, and parks
- Advocate for more sidewalks and pedestrian-oriented design developments
- Cooperate with PennDOT, bicycling organizations, and local municipalities to add bike-friendly improvements to roads and bike facilities to developments
- Preserve the Pennypack Greenway and implement the Pennypack, Cross County, and Power Line trails
- Right-size roads, install traffic calming, build green streets, install sidewalks, and use other safety and environmental improvements for streets

Bike Montco 2018

The County's bike plan evaluates the existing bicycle conditions and provides recommendations for a safe and efficient county-wide bicycle network. The plan identifies multiple trail and bicycle routes planned for Hatboro Borough and Upper Moreland as part of the County Trail Network that will be enhanced through further evaluation in this trail study.

Top Recommendations for Trails:

- Connect communities with a robust network that supports bicycling as a daily transportation options
- Expand bike network to connect important destinations, trails, urban centers, and transportation hubs
- Design bicycle infrastructure to accommodate different skill levels and abilities
- Expand multiuse trail network, including Cross-County Trail & priority bike routes

Walk Montco 2016

The County's walkability plan expands on the walkability goals of the 2040 comprehensive plan by developing guidelines and case studies to improve walkability for individuals of all abilities, throughout Montgomery County. The plan specifically identifies planned county trails through Upper Moreland and Hatboro and recognizes both municipalities as moderately walkable with recommendations to expand sidewalks and improve connections to destinations and public transit opportunities.

Top Recommendations for Trails:

- Expand and implement the trail network, including the planned Cross County Trail
- Improve missing sidewalk connections within Hatboro and Upper Moreland

Montco Open Space Plan 2005

This county-wide comprehensive plan serves as an open space guide for municipalities and the county. Through the evaluation of existing open space, potential resources, and community needs, the plan identifies priority areas and top recommendations to protect, link, expand and preserve open space.

Top Recommendations for Trails:

- Preserve the Pennypack Greenway
- Create a greenway and open space system along the Pennypack Creek
- Develop a county-wide network of interconnected trails, including the Pennypack Creek Greenway and Cross County trails

Turnpike Corridor Reinvestment Project (2015)

The *Montgomery County Planning Commission* developed this turnpike reinvestment plan to revitalize businesses along the turnpike between the Valley Forge and Willow Grove interchanges. Montgomery County has been known as an economic powerhouse for decades, but is slowly starting to decline due to limited job growth and cutbacks in job areas that were once large attractors. The project examines redeveloping over 10,000 acres of land throughout 8 municipalities, including the complete redevelopment of the PA Turnpike.

Top Recommendations for Trails:

- Supports the development of the Cross County Trail, Power Line Trail, and interconnected trails and sidewalks in the Willow Grove area

REGIONAL

Pennypack Strategic Plan 2017-2022

This plan outlines the 3 major goals of the Pennypack Ecological Restoration Trust for the next five years, including significantly impacting the ecological restoration of the Pennypack, educating and engaging next generation stewards, and enhancing the vitality, resources and strength of the Trust to ensure continued stewardship along the Pennypack. The strategy specifically identifies maintaining and improving trail connections with outside trail networks and promoting gateways at these locations.

Top Recommendations for Trails:

- Maintain and improve the Preserve's physical connections with county and municipal trails and parkland
- Revamp the concept and promotion of gateways for each visitor's experience at the Preserve (e.g. Visitor Center, greenhouse complex, MontCo's Pennypack Trail connections)

DVRPC Connections 2045

The regional long-range plan develops a vision for the growth and development of the Greater Philadelphia and Delaware Valley region for the next three decades, with a focus on transportation, land use, environment, economy, equity, and quality of life. Through multiple goals and recommendations the plan will guide counties and municipalities to achieve the 5 Plan Principles: Sustain the Environment;

Develop Livable Communities; Expand the Economy; Advance Equity and Foster Diversity; and Create an Integrated, Multimodal Transportation Network.

Top Recommendations for Trails:

- Link and expand the regions protected natural areas to form a Greenspace Network (including parks, forests, meadows, stream corridors and floodplains)
- Invest in Centers – concentrate growth and develop pedestrian friendly communities
- Promote equitable access to transportation for vulnerable persons
- Create age-friendly communities-including pedestrian accessibility and safety improvements
- Increase mobility and reliability and reduce congestion- develop a connected multimodal network

DVRPC Pedestrian Bicycle Friendly Policies, Practices, and Ordinances

Prepared by DVRPC, this regional handbook presents information on practices, policies, and ordinances that support enhancements for pedestrian and bicycle safety and accessibility, to make improvements at the local level. The report specifically highlights planning for pedestrians and bicycles, educating and encouraging drivers and residents, and the typical codes and ordinances that deal directly with pedestrians and cyclists.

Provided design, code and ordinance recommendations for the following:

- Pedestrian best practices: sidewalks widths, crosswalk design and location, pedestrian signals, lighting, landscaping, on-street parking, and internal circulation.
- Bicycles: minimum lane widths, design for experience levels, plan for on-road signage and road markings
- Education/Encouragement-cooperation between parties, respect cyclists, reach a variety of road users
- Ordinances/codes-bikes on road, passing and turning, angled parking, developer requirements and zoning

DVRPC Aging in Place-Municipal Implementation Tool #12 (2007)

This municipal implementation tool provides techniques to help municipalities accommodate the changing personal and physical needs of aging residents so they can remain in the community and maintain their independence. Techniques range from planning for affordable housing and promoting policies to enhance quality of life, to improving infrastructure to improve mobility and access to transit.

Top Recommendations for Trails:

- Create “elder-friendly” communities-improve transportation and pedestrian infrastructure
- New urbanism designs to improve pedestrian safety.
- Encourage Universal Design- so homes/products/environments are designed for people of all abilities

DVRPC Age Friendly Communities-Municipal Implementation Tool #30 (2017)

Developed to support the fulfillment of the region’s long-range plan, this municipal implementation tool provides techniques to help municipalities develop age-friendly communities, where older residents can age actively and independently. This tool specifically focuses on improving the eight domains identified by WHO and AARP, including: the Public Realm, Transportation, Housing, Social Participation, Respect and

Social Inclusion, Civic Participation and Employment, Communication and Information, and Community Support and Health Services.

Top Recommendations for Trails:

- Public realm-improve pedestrian access/safety, calm traffic, outdoor safety (lighting, police, education), public comfort stations, and signage
- Safe pedestrian connections to: transportation, between housing and services, to social venues, to community and health services
- Zoning/Policies- sidewalk requirements and connectivity, Complete Streets policy, wayfinding and legible signage, senior pedestrian zones, programs for older cyclists, bus shelters, benches, & restrooms

SEPTA Cycle-Transit Plan (2015)

This strategic plan identifies the increasing demand for cycle-transit, and examines techniques to adapt and better integrate the transit and bike networks to support a growing number of cyclists and reduce automotive use, improving the efficiency and sustainability of our transportation system. The plan specifically focuses on Bikes to, at, and on transit by identifying existing and future SEPTA actions.

Top Recommendations for Trails:

- Proposed links with The Circuit (for inactive rail lines to become trails & for convenient links to trailheads)
- Develop outreach/safety videos, and information sharing on trails/transit links online
- Enhance wayfinding and educational signage
- Attempt to ease restrictions and improve station access via pedestrian & connections

NEIGHBORING MUNICIPALITIES

Abington Township Proposed Trail Network 1998

The goal of this plan is to provide a wide variety of trail networks proposed by the township, county, Abington Trails Advisory Committee, and the residents that live there. All of the trails proposed have distinct designations (i.e., schools, businesses, etc.) and can be used as both on-road and off-road routes. The plan specifically recommends coordination with neighboring communities when it comes to trail and greenway planning efforts.

Abington Township Comprehensive Plan 2007

This plan is an update of the 1992 comprehensive plan, and includes the similar elements of parks & recreation, business, land development, etc., with four distinct components, consisting of: demographic characteristics, selected characteristics of housing, economic/socioeconomic characteristics, and employment and jobs. This plan also considers the requirements of Act 67 and Act 68 amendments. This plan identifies Upper Moreland (UM) as a top employer and recommends improving pedestrian facilities and streetscapes near the border with UM.

Abington Township Open Space, Recreation and Environmental Resource Protection Plan (2006)

This plan includes a basic overview of the history and physical characteristics that make up Abington Township, with focuses on existing parks and open, and recommendations to complete their overall goals/objectives. The plan identifies proposed local and regional trail routes that area connect to Upper Moreland Township.

Abington Township Master Bike Plan 2016

The goal of the Master Bike Plan is to allow bicycles to be one of the main types of transportation in Abington Township. In order to do so, connecting, creating trails, and remodeling existing trails is needed to create an enjoyable and safe multimodal connection to destinations throughout the Township. The bike plan proposes methods to create new trails and recreational activities throughout the township to promote non-automotive travel. The plan highlights connections to Upper Moreland via circuit trails including the Cross County Trail, Tookany Creek Trail and the Pennypack trail.

Bryn Athyn Borough Municipal Parks, Open Space and Recreation Plan Update 2006

Bryn Athyn Borough is known for its scenic routes that promote walking throughout the borough. This plan identifies park, recreation and open space priorities that include the protection and expansion of these resources. This plan supports the development of the Cross County Trail and Power Line Trail and identifies Upper Moreland's park and trail network as an important resource for Bryn Athyn residents that live adjacent areas like the Mason's Mill Park and the Pennypack Trails.

Horsham Township Open Space Plan Update 2005

This plan utilizes input from the community to identify park and recreation improvements and provide recommendations to achieve the Township's recreation wants and needs. The plan identifies their Hatboro link via the Blair Mill Trail as a primary route to access a community park and pool and proposes a trail that starts in Clearbrook Park and runs through Upper Moreland Township.

Horsham Township Comprehensive Plan 2011

Horsham's comprehensive plan update, includes: previous trends and development history that took place in Horsham Township throughout the years; while also mentioning long term goals land use, transportation, economic development, development of parks and recreation, and housing. The plan highlights priorities including the development of the Power Line Trail and expansion of sidewalk connections to link with Horsham Road sidewalks, both of which connect to Upper Moreland Township.

Lower Moreland Township Open Space Plan 2006

The Lower Moreland Township Open Space plan identifies the existing parks and facilities in the township, calculates the required open space needed for the township and also determines specific parcels of land for possible achievement of their overall goals. The Township worked alongside the Montgomery County Green Fields/Green Towns Program in order to fulfill the township needs. The plan highlights the Pennypack Trail, Power Line Trail and Cross County Trail, and identifies potential linkages to multiple parks within Upper Moreland Township.

Upper Dublin Comprehensive Plan 2010

This plan was built around the community goal to protect the assets of Upper Dublin Township and build a stronger future for the residents, visitors, and future residents of the area. The plan was developed with the help of the town officials, residents/community and business owners. This plan proposes a future trail network and supports proposed county bicycle routes that connect Upper Dublin to Upper Moreland along multiple roadways.

Upper Dublin Open Space and Environmental Resource Protection Plan 2005

This plan examines existing open space resources within the Township and provides recommendations to ensure their protection and preservation, while guiding the focus of development so new and old residents can enjoy a natural environment for years to come. The plan highlights the development of the Cross County Trail and local and regional rail trail connections to connect residents with Upper Moreland Township.

Upper Southampton Comprehensive Plan 2010

This comprehensive plan identifies Township priorities for the future and ways that they can complete their goals in a method that's both cost efficient for the township, while making sure all the needs of the community are met. The plan identifies important connections to Upper Moreland via the Pennypack Creek and Southampton Creek.

Warminster Township Comprehensive Plan...Launching Toward the Future 2018

This plan is an update from the 2003 plan and focuses on topics including: redevelopment, adaptive reuse, changing economic structures, and balance of residential and nonresidential development. The plan highlights objectives to coordinate with neighboring municipalities, like Upper Moreland, to plan, design and implement transportation improvements.

Warminster Township Open Space Update 2010

This plan update provides long-term open space and objectives that account for the tremendous park system growth the Township has experienced since their last park plan, created nearly a decade ago. The incorporates park demand and changing trends to provide recommendations to enhance the quality of their facilities and the quality of life for their residents. The plan highlights the potential of a trail along the Pennypack Creek and Southampton Creek greenway, connecting the Township to Hatboro Borough and Upper Moreland Township.

Partnerships, Funding & Resolutions

Funding Opportunities

Funding in the form of grants and loans are provided through local, state and national organizations year round. Below is a list of potential funding sources that should be pursued for the planning, design and construction of the recommendations made in the Upper Moreland-Hatboro Master Trail Plan.

- **Automated Red Light Enforcement Program (ARLE)**

The *Pennsylvania Department of Transportation* provides funds through ARLE revenues to improve highway safety and reduce congestion through a wide range of projects that aim to reduce the number of violations and crashes at implementation sites, as well as provide benefits to highway users. Funded projects upgrade, improve, or install traffic-control signs and other forms of roadway markings and structures to increase road capacity and/or further pedestrian safety and mobility, and projects that work to enhance visibility or drainage, etc.

- Request Amount: Dependent upon available yearly revenues
- Match: None required

- **Better Utilizing Investments to Leverage Development (BUILD)**

The *Pennsylvania Department of Transportation* administers funds from National Infrastructure Investments to support capital projects for surface transportation infrastructure that improve, repair, and develop transportation frameworks, economic revitalization, community connections and safety. FY2018 BUILD will administer a greater share of the awards to rural areas.

- Request Amount: Not to exceed \$25 Million; Minimum \$1 Million in rural area
- Match: Minimum 20% in Urban; Minimum 0% in Rural

- **Green Light Go**

The *Pennsylvania Department of Transportation* administers state funds through competitive grants to improve safety and mobility through congestion reduction and improving the efficiency of existing traffic signals on state and local highways. Funded projects study, develop, and implement or remove traffic assets, technologies, and plans.

- Request Amount: N/A
- Match: 20%

- **Transportation Alternatives Set-Aside Program (TA Set-Aside)**

The *Pennsylvania Department of Transportation* administers funding assistance for alternative transportation programs and projects that improve accessibility and mobility, public transportation and school links, recreation and environmental mitigation.

- Request Amount: \$50,000 minimum construction cost; Not to exceed \$1 Million unless regional or of statewide significance
- Match: None required

- **Multimodal Transportation Funds Program**

The *Pennsylvania Department of Transportation* and the *Department of Community & Economic Development* provides grants for projects that support safe and reliable transportation systems and encourage economic development. Supported projects develop or rehabilitate transportation assets for communities including but not limited to lighting, sidewalks, pedestrian safety, and streetscapes, as well as improving connectivity and/or utilization of existing assets.

- Request Amount: \$100,000 - \$3,000,000
- Match: 30% Cash

- **Greenways, Trails, and Recreation Program (GTRP)**

The *Pennsylvania Department of Community & Economic Development* administers funds from the Marcellus Legacy Fund for the planning, acquisition, development, rehabilitation, and repair of greenways, recreational trails, open space, park and beautification projects.

- Request Amount: Not to exceed \$250,000
- Match: 15% Cash/Equivalent
- \$100 application fee

- **Municipal Assistance Program (MAP)**

The *Department of Community & Economic Development* provides funds for local governments to the planning and implementation of multiple services including shared service activities, community planning, and floodplain management.

- Request Amount: Dependent upon available funds
- Match: 50%; 25% of which must be non-state funded

- **Keystone Communities Program (KCP)**

The *Commonwealth Financing Authority* provides a grant and designation program for community and economic development by encouraging public and private partnerships to support local initiatives and target focus areas or regions. Funded projects include planning, façade, accessible housing, and development projects, which can incorporate streetscape and roadway improvements.

- Request Amount: Dependent upon designation
- Match: 50%

- **Community Conservation Partnership Program (C2P2) Trails**

The *Pennsylvania Department of Conservation & Natural Resources* presently offers matching grants for the planning, acquisition, construction, enhancement, and maintenance of multi-use trails and trail-related facilities. This can include, but is not limited to, interpretive signs, trail amenities, access roads and parking areas, and equipment required to build and maintain trails.

- Request Amount: Reasonable requests
- Match: 50%

- **Community Conservation Partnership Program (C2P2) *Community Recreation and Conservation Planning***

The *Pennsylvania Department of Conservation & Natural Resources* presently offers matching grants to prepare for future planning, acquisition, development, and management of parks, recreation facilities, critical habitat, open space, natural areas, greenways, and river/watershed passageways.

 - Request Amount: Reasonable requests
 - Match: 50%

- **Community Conservation Partnership Program (C2P2) *Land Acquisition and Conservation***

The *Pennsylvania Department of Conservation & Natural Resources* presently offers matching grants for the purchase and/or donation of land for the purpose of recreation and park areas, critical habitat areas, greenways, and open space.

 - Request Amount: Reasonable requests
 - Match: 50%

- **Community Conservation Partnership Program (C2P2) *Park Rehabilitation and Development***

The *Pennsylvania Department of Conservation & Natural Resources* presently offers matching grants for the rehabilitation and development of public parks, both indoor and outdoor recreation facilities, small communities, greenways, and river conservation and restoration projects.

 - Request Amount: Reasonable requests
 - Match: 50%

- **Community Conservation Partnership Program (C2P2) *Peer Circuit Rider Program***

The *Pennsylvania Department of Conservation & Natural Resources* presently offers matching grants for expanding the local capacity for parks, recreation, and conservation through the partnership of municipalities, counties, and government councils and the hiring of a shared professional who is jointly funded by the formal partnership, commission, or authority.

 - Request Amount: Reasonable requests
 - Match: 10%

- **Community Conservation Partnership Program (C2P2) *State and Regional Partnerships Funds***

The *Pennsylvania Department of Conservation & Natural Resources* presently offers matching grants for the formation of collaborative initiatives that improve the capacity to develop and manage park and recreation facilities and advance conservation of resources through education, training, and implementation.

 - Request Amount: Reasonable requests
 - Match: Varies

- **MONTCO 2040: Implementation Grant Program**

Montgomery County's comprehensive plan, MONTCO 2040: A Shared Vision, provides matching grant funds for projects that support the plan's themes of Connected Communities, Sustainable Places, and Vibrant Economy. Projects include acquisitions and development of trails and trail facilities/amenities, along with further developments that improve community walkability and placemaking.

- Request Amount: Up to \$200,000
- Match: 20% local match

- **County Transportation Program (CTP)**

A Montgomery County grant program utilizing County Vehicle Registration Fees to fund transportation projects throughout Montgomery County and achieve the comprehensive plan goals. Approximately \$1Million is made available each year to support transportation projects ranging from vehicular to pedestrian and bicycle. Only acquisition, utility relocation and construction activities are funded through CTP.

- Request Amount: Varies based on yearly topic
- Match: Varies based on yearly topic

- **PECO Green Region Open Space Program**

Administered by *Natural Lands*, this program provides grants for municipalities in SE PA to preserve, protect, and improve open spaces. Eligible projects include: the acquisition of conservation easements or land for open space; habitat or capital improvements for passive recreation; and developing or updating open space plans.

- Request Amount: Not to exceed \$10,000; can fund up to 50% of eligible activities
- Match: Minimum 50% Cash

- **Redevelopment Assistance Capital Program (RACP)**

The *Pennsylvania Office of the Budget* administers funds from the Commonwealth for regional economic development, civic, cultural, recreational, and historical improvements through acquisition and construction projects.

- Request Amount: \$100,000 minimum total project cost
- Match: 50% non-stat

- **Regional Trails Program**

The *Delaware Valley Regional Planning Commission* (DVRPC) provides grants from the William Penn Foundation to plan, design, and construct multi-use trails which assist in completing the Greater Philadelphia's trail network, the Circuit. Projects that contribute to connecting trails across the region and provide access to waterways are also supported, and can range from initial feasibility studies to the construction of trails.

- Request Amount: N/A (Phase V funding ranged from \$25,000-\$325,636)
- Match: N/A

- **Rivers, Trails, and Conservation Assistance Program**

The *National Park Services* provides funding assistance to support resource conservation and recreation projects throughout the United States of America. The program links national conservation and recreation planning professionals with applicants to design, conserve and improve natural and recreational opportunities and connect the public to these resources.

- Request Amount: N/A
- Match: N/A

- **Transportation and Community Development Initiative (TCDI)**

The *Delaware Valley Regional Planning Commission* offers grants for projects which analyze, plan, or design regional transportation systems that work to improve transportation efficiency, environmental protection, and quality of life for municipal residents and visitors. These grants promote projects that focus on public transit and alternative modes of transportation (bicycle and pedestrian) and growth management that aim to foster beneficial residential and commercial growth, while preserving lands and improving centers.

- Request Amount: \$25,000 – soft cap of \$100,000; \$175,000 for multi-municipal
- Match: 20%; 5% of which must be in-kind

- **Doppelt Family Trail Development Fund**

Rails to Trails Conservancy administers funds from the Doppelt Family Trail Development Fund to support the implementation and improvement of multi-use trails. Originally established in 2015 from an initial grant donation from the Doppelt Family, RTC awards around \$85,000 to 4-6 trail projects via a competitive grant round.

- Request Amount: \$5,000 - \$50,000
- Match: N/A

Public Involvement

Steering Committee Meetings & Stakeholders

The Upper Moreland Township-Hatboro Borough Master Trail Plan Steering Committee met multiple times throughout the plan development and provided critical input, including goals and priorities, past and current pedestrian and bicycle efforts, local destinations, and network development.

Through regular meetings and questionnaires the committee examined the existing conditions of both municipalities and helped to identify top priorities moving forward with resident accessibility, safety and enjoyment as their decision drivers.

The committee also identified the top Stakeholders in the communities, who were then contacted and shared important input via questionnaires and interviews with a priority focus on existing conditions and priority improvements.



Upper Moreland Township & Hatboro Borough Master Trail Plan Stakeholder Interview

Do you take part in pedestrian or bicycle travel, whether it's getting to work, running to the store, or just getting out for the sake of being on a trail? If so, Upper Moreland Township and Hatboro Borough need your help with the evaluation and improvement of our pedestrian and bicycle facilities. Let us know your walk/wheel priorities and help us enhance our bike & trail network for the enjoyment of all!

Step 1: Tell us about yourself (check one): Gov/Non-Profit Business

Name & Title _____ Date & Time _____
 Your Organization _____ Interviewer _____
 How many people do you represent? _____

Step 2: How do you feel about Upper Moreland and Hatboro's Pedestrian and Bike Facilities?

Do you use Upper Moreland and Hatboro's Pedestrian/Bike facilities - trails, bike paths, sidewalks, etc. (check one)?
 Yes No (which do you frequent most? _____)

How happy are you with the facilities (check one)? Very Satisfied Somewhat Satisfied Not Satisfied

Comments _____

How do you use the pedestrian and bike facilities (check all that apply)?
 Walking Active Living Fitness Other _____
 Biking Biking Other _____
 Jogging Commuting Traveling _____
 Recycling _____

Step 3: Help us elevate Upper Moreland and Hatboro's Pedestrian and Bicycle Network

What is your relationship to the network? _____
 What do you feel about the condition of the network today? _____
 Are there elements of the network you would like to change? _____
 Are there elements of the network you would like to maintain or preserve? _____

G&A

What kind of amenities/destinations/connections do you feel the municipality's need (check all that apply)?

Benches Community Resource Links ADA Access Water Access
 Railroads Neighborhood Links Water Access
 Bike Repair Stations Trail and Recreation Links Wayfinding Signage
 Lighting Public Transportation Links Educational Signs and kiosks

What opportunities exist?

What challenges are there?

Would you like more information on the health benefits of trails (check one)?
 Yes No

Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?

Please contact Patrick Davis or Kent Baird with any questions:

Patrick Davis, C.P.R.P.
 Director of Parks and Recreation
 Upper Moreland Township
 117 Park Avenue, Willow Grove, PA 19090

Kent Baird, ACEP
 Community Planner
 Gilmore & Associates, Inc.
 1100 Gilmore Ave., Suite 200
 Hatboro, PA 18928

Upper Moreland Township & Hatboro Borough Master Trail Plan Stakeholder Interview

Stakeholders are influential members of your community who can impact, or be impacted by, your project. They typically represent a larger group of people and are able to make recommendations and speak on this group's behalf. Examples of stakeholders include businesses, hospitals, schools, non-profit or community groups, and neighboring/municipal agencies. Please fill in the table below with the list of stakeholders for your project.

List length should reflect numbers discussed in the initial project stage.

#	Stakeholder(s)	Email/Contact	Area of Interest
1	UPPER MORELAND TOWNSHIP	www.uppermoreland.org	
2	HATBORO BOROUGH	www.hatboro.org	
3	WILLOW GROVE TWP	www.willowgrovetwp.org	
4	WILLOW GROVE TWP	215-672-9998	
5	HATBORO BOROUGH	215-672-2121	
6	DR. DEAN FREDRICK	215-492-1571	
7	DR. DEAN FREDRICK	215-492-1571	
8	DR. DEAN FREDRICK	215-492-1571	
9	DR. DEAN FREDRICK	215-492-1571	
10	DR. DEAN FREDRICK	215-492-1571	
11	DR. DEAN FREDRICK	215-492-1571	
12	DR. DEAN FREDRICK	215-492-1571	
13	DR. DEAN FREDRICK	215-492-1571	
14	DR. DEAN FREDRICK	215-492-1571	
15	DR. DEAN FREDRICK	215-492-1571	
16	DR. DEAN FREDRICK	215-492-1571	
17	DR. DEAN FREDRICK	215-492-1571	
18	DR. DEAN FREDRICK	215-492-1571	
19	DR. DEAN FREDRICK	215-492-1571	
20	DR. DEAN FREDRICK	215-492-1571	

WELCOME HATBORO



IN-HOUSE MEMORANDUM

Date: April 3, 2019

To: Patrick Stasio, Director of Parks & Recreation, Upper Moreland Twp.

From: Kent Baird, AICP, Community Planner
Elizabeth Rosencrans, Junior Planner

CC: Robert Thomas, AIA
Doug Maisey, Planner

Reference: Upper Moreland Township–Hatboro Borough Master Trail Plan
Steering Committee Meeting #1—Minutes

Summary

The first Steering Committee (SC) Meeting for the Upper Moreland Township-Hatboro Borough Master Trail Plan was held at 7:00PM on Monday, April 1, 2019 at the Upper Moreland Township Building to introduce the committee to the background, basics, and goals of the plan. There were 16 individuals in attendance (*see attached sign in sheet*). The following is a summary of the meeting and steering committee comments.

Meeting Minutes

Meeting led by Patrick Stasio and Gilmore and Associates & Campbell Thomas & Co.

- I. Sign in Sheet and Agenda sent around
- II. Introductions
 1. Mr. Stasio began the meeting by welcoming the SC and introducing Kent Baird, Liz Rosencrans, Bob Thomas and Doug Maisey, followed by a round table introduction of each committee member. Members included township and borough residents, business owners, council and committee members, municipal managers, rail and sewer experts, trail and environmental experts, and county and regional planning professionals.

III. Power Point Presentation

1. Kent Baird shared a presentation with SC members to introduce the project's background, including grant funding, key plan components, and early possible project goals. Key points included:
 - i. Public participation is vital and will include 2 public outreach mtgs
 - ii. Destinations vary: parks, historic sites, downtown, bigger trails
 - iii. Goal to develop a 'living document' that is immediately useful
 - iv. Plan for now and the future with phasing and temporary routes
 - v. THINK BIG! –don't limit your ideas by \$

IV. Study Area Map Exercise

1. Kent Baird and Bob Thomas offered instructions for committee members to mark areas of concern, destinations, and potential routes on the large Study Area Map. Members, with guidance from Doug Maisey and Liz Rosencrans spent time in group and individual discussion over the map and with highlighters to mark ideas.
2. Key map ideas and comments (see attached map for more detail):
 - i. Destinations: parks, schools, open space, downtowns, Pennypack Creek/waterways and the Pennypack trails in Bryn Athyn, public transit
 - ii. Big obstacles: rail line, difficult intersections, topography
 - iii. Work with schools to develop routes/connections
 - iv. Work with areas being developed/renovated (276/611 Interchange, Willow Grove YMCA)

The Meeting was adjourned at 8:30PM.

Note: a schedule of future Steering Committee meetings will be presented electronically. The first Public Outreach Meeting will be scheduled in May.

UMT - HB Master Trail Plan



GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES

Please Sign In
Steering Committee Meeting # 1
Date: 4/1/19

Name	Affiliation	E-mail
Douglas Maisey	Campbell Thomas & Co.	dmaisey@campbellthomas.com
Bruce Nicholson	Duffy Norm	bruce nich @ hatboro.com
Diane Hegele	Hatboro Borough	dhegele@hatborogov.org
Elke Anzinger	Hatboro Borough	eanzinger@hatborogov.org
Michael Searles	UM Resident	msearles91@comcast.net
Katrina Nuss	^{UMTSD} HATBORO RESIDENT	Kgn02@msn.com
Liz Rosencrans	G&A	lrosencrans@gilmore-assoc.com
ED McCASH	Hatboro	MCCASH22@Aol.com
Jim McKay	Willow Grove	JMcKay1193@Gmail.com
Jeff Tompkins	UPPA Maryland Resident	JeffTompkins214@Gmail.com
Melissa Andrews	DVRPC	mandrews@dvrpc.org
Keat Baird	G&A	Kbaird@gilmore-assoc.com
Tim Hersh	G&A	jhersh@gilmore-assoc.com

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UMT- HB Master Trail Plan



GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES

Please Sign In
Steering Committee Meeting #1
Date: 4/1/19

Name	Affiliation	E-mail
Gary Chamblain	YMCA	gchamblain@phila.yuca.org
Meg Holscher	UMPRAC	meg.s.holscher@gmail.com
CHRIS MENDEL	Pennyack Ecological Restoration Trust	cmendel@pennyacktrust.org



IN-HOUSE MEMORANDUM

Date: May 2, 2019

To: Patrick Stasio, Director of Parks & Recreation, Upper Moreland Twp.

From: Kent Baird, AICP, Community Planner
Elizabeth Rosencrans, Junior Planner

CC: Robert Thomas, AIA
Doug Maisey, Planner

Reference: Upper Moreland Township–Hatboro Borough Master Trail Plan
Steering Committee Meeting #2—Minutes

Summary

The second Steering Committee (SC) Meeting for the Upper Moreland Township-Hatboro Borough Master Trail Plan was held at 7:00PM on Wednesday, May 1, 2019 at the Upper Moreland Township Building to share accomplished work, develop a set of goals, and prepare for the upcoming public meeting. There were 12 individuals in attendance; including two attendees from the Montgomery County Planning Commission (MCPC) (*see attached sign in sheet*). The following is a summary of the meeting and steering committee comments.

Meeting Minutes

Meeting led by Patrick Stasio and Gilmore and Associates & Campbell Thomas & Co.

- I. Sign in Sheet, Agenda, and an updated Site Map sent around
- II. Introductions
 1. Mr. Stasio began the meeting with a few words, followed by a round table introduction of the attending committee members and the new MCPC attendees.

III. Power Point Presentation

1. Kent Baird shared a presentation with SC members to briefly re-introduce the project's background, share accomplishments to date, a look at common existing conditions and opportunities, and a base for developing plan goals. Elizabeth Rosencrans aided in the presentation of key demographic and socioeconomic data in Hatboro Borough and Upper Moreland Township. Key points included:
 - i. Accomplishments: Kick-Off Meeting, Base Mapping, Study Area, Questionnaires started, Community Profile Data, Ordinance Review, Review of Existing Plans, Initial Existing Conditions
 - ii. Planning for current and future redevelopment by re-examining existing features
 - iii. Developing connections and loops between dead-end pathways
 - iv. Highlighting Trail Benefits at the Public Meeting
 - v. Developing a short, but powerful list of goals that have a **Shared Vision**, between Hatboro and Upper Moreland; are **Action Oriented**; and are **Bold in Scope**.

IV. Goal Discussion

1. Kent Baird offered some examples of shared goals, for example, York Road is the one main route that has a shared history and use for each municipality and could serve as a unifying north-south pedestrian-bicycle route. An east-west route along Byberry Rd is also possible. Pat Stasio and Bob Thomas offered additional focus areas, and Andrew and Mike from MCPC shared updates on current projects and goals within Hatboro and Upper Moreland.
2. Key goal ideas:
 - i. Clearly identify trail benefits (separate from Goals) to the public, and show in a visual way-*display boards/on the map*
 - ii. Look to improve the interfacing of different modes of transportation. How can people better connect to public transportation by biking and walking
 - iii. Look to the goals and objectives of the 16+ Plans that touch Hatboro Borough and Upper Moreland Township to ensure this plan is not re-creating the wheel or contradicting existing project

goals. (e.g.: Montgomery County is looking at potential alignments for the Cross-County Trail)

- iv. Pick heavy-hitting routes that can be branded and will carry weight for grants and rally public support (like the York Rd N/S route)
- v. Focus goals on connections to top destinations (SEPTA, Food, Work) and highlight these visually for the public to see
- vi. View this document as more than a “Master Trail Plan”- want this plan to capture the excitement and interconnections of a pedestrian and bicycle network that will connect two communities and countless resources.

The Meeting was adjourned around 9:15PM with discussions continuing to 10PM.

Note: the first Public Meeting is scheduled for next Wednesday, May 8th, at 7PM in the Upper Moreland Township Building. The Township and Borough are advertising the meeting on multiple platforms.



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ENGINEERING & CONSULTING SERVICES

Please Sign In
Steering Committee Meeting

Date: 5/1/2019

Name	Affiliation	E-mail
Pat Shasio	U.M.I.T.	pshasio@uppermoreland-urb
Kent Baird	Gilmore Assoc.	kbaird@gilmore-assoc.com
Meg Holscher	UMPRAE	meg.s.holscher@gmail.com
Douglas Maisey	Campbell Thomas & Co.	dmaisey@campbellthomas.com
Liz Rosenkrans	G&A	lrosenkrans@gilmore-assoc.
Katrina Nuss	UMTSD/HATBORO COMM.	Kgn02@msn.com
Jeff Tompkus	Community Member	JeffTompkus214@gmail.com
Jim McKay	Upper Moreland T	JMcKay1193@gmail.com
CHRIS MENDEL	PENNYPACK TRUST	cmendel@pennypacktrust.org
Robert Thomas	Campbell Thomas	rthomas@campbellthomas.com
Andrew J. Besold	MCPC	abesold@montcopa.org
Mike Narewicz	MCPC	m.narewicz@montcopa.org

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IN-HOUSE MEMORANDUM

Date: July 18, 2019

To: Patrick Stasio, Director of Parks & Recreation, Upper Moreland Twp.

From: Kent Baird, AICP, Community Planner
Elizabeth Rosencrans, Junior Planner

CC: Robert Thomas, AIA
Doug Maisey, Planner

Reference: Upper Moreland Township–Hatboro Borough Master Trail Plan
Steering Committee Meeting #3—Minutes

Summary

The third Steering Committee (SC) Meeting for the Upper Moreland Township-Hatboro Borough Master Trail Plan was held at 7:00PM on Wednesday, July 17, 2019 at the Upper Moreland Township Building to share accomplished work, public meeting feedback, traffic and transportation review, and identify potential stakeholders. There were 12 individuals in attendance; including two attendees from the Montgomery County Planning Commission (MCPC) (*see attached sign in sheet*). The following is a summary of the meeting and steering committee comments.

Meeting Minutes

Meeting led by Patrick Stasio and Gilmore and Associates & Campbell Thomas & Co.

- I. Sign in Sheet, Agenda, and Stakeholder Sheet sent around
- II. Introductions
 1. Mr. Stasio began the meeting with a few words, followed by a round table introduction of the attending committee members for new attendees.
- III. Power Point Presentation

1. Kent Baird shared a presentation with SC members to briefly re-introduce the project's background, share accomplishments to date, review the findings from the May Public Meeting, take a look at priority intersections, and identify priority stakeholders as a group. Key items included:
 - 1) Accomplishments: Kick-Off Meeting, Base Mapping, Study Area, Committee Questionnaires, Community Profile Data, Ordinance Review, Review of Existing Plans, Existing Conditions, 1st Public Meeting, and various site visits township-wide;
 - 2) County and regional planning efforts and overlap with the Master Trail Plan- coordinating to use existing findings and focusing efforts where they're needed;
 - 3) Facts, figures, and priorities from Public Mtg #1 resident feedback
 - 4) Top 10 intersections studied to-date with a heavy focus on York Rd
 - 5) Design Standards for multimodal systems
 - 6) Potential Stakeholders in our communities- coordinating with recent planning efforts to avoid exhausting stakeholders

IV. Alignment & Stakeholder Discussion

1. Some committee members felt left out of the planning process due to an absence of alignment information. Pat, Kent and Bob explained that we are still in the data gathering stage of the project and will reach alignment development once stakeholders have been identified and interviewed.
2. Kent Baird and Bob Thomas expanded on the process of developing an alignment and the timeline of tasks required to successfully build a trail network that incorporates community priorities. They explained that it is key to:
 - 1) Begin by studying the existing conditions to understand opportunities and constraints
 - 2) Next, gather community input with the committee, public meetings, and stakeholder interviews to determine the public need, priorities, and realistic opportunities
 - 3) Use findings from the 1st step to identify feasible network routes and connections that satisfy the needs and priorities identified in step 2.

3. The group then worked together to identify some potential stakeholders. Committee Members will send Pat their list of stakeholders and Pat will share a master list with Gilmore and Associates & Campbell Thomas & Co, who will return a refined list back to the committee to gather contact information. Potential Stakeholders included:

- School District
- YMCA
- Sports associations
- Chamber of Commerce
- Joint Sewer Authority
- Rotary Clubs
- Municipal Managers
- Resident Associations
- Bike Shops
- Farms
- Sports clubs
- Libraries
- Park & Rec councils
- Police officers
- railroad

The Meeting was adjourned around 9:00PM.

Note:



Please Sign In
Steering Committee Meeting

Date: July 17, 2019

Name	Affiliation	E-mail
Keat Baird	Gilmore	kbaird@gilmore-assoc.com
Liz Rosencrans	GiA	erosencrans@gilmore-assoc.com
Douglas Maisey	Campbell Thomas & Co.	dmaisey@campbellthomas.com
BOB THOMAS	"	rthomas@campbellthomas.com
Katrina O'Neil	Hatboro Resident	Kgo2@msn.com
Andrew J. Besold	MCPC	abesold@montcopa.com
James McKay	UMTP	JMCKAY1193@GMAIL.COM
Claire Warner	MCPC Montgomery County Planning	cwarner@montcopa.org
CHRIS MENDEL	PENNYPACK TRUST	cmendel@pennypacktrust.org
Michael Searles	U.M. Resident	msearles91@comcast.net
George Forgeng	HATBORO Resident/Council	George4geng@yahoo.com
pat SHASIO	U.M.T.I	pshasio@uppermeriden.org



IN-HOUSE MEMORANDUM

Date: October 30, 2019

To: Patrick Stasio, Director of Parks & Recreation, Upper Moreland Twp.

From: Kent Baird, AICP, Community Planner
Elizabeth Rosencrans, Junior Planner

CC: Robert Thomas, AIA
Doug Maisey, Planner

Reference: Upper Moreland Township–Hatboro Borough Master Trail Plan
Steering Committee Meeting #4—Minutes

Summary

The fourth (4th) Steering Committee (SC) Meeting for the Upper Moreland Township-Hatboro Borough Master Trail Plan was held at 7:00PM on Tuesday, October 29, 2019 at the Upper Moreland Township Building to share an update on the Trail Plan, public meeting feedback and to discuss recommended trail routes. There were 15 individuals in attendance; including two attendees from the Montgomery County Planning Commission (MCPC) (*see attached sign in sheet*). The following is a summary of the meeting and steering committee comments.

Meeting Minutes

Meeting led by Patrick Stasio and Gilmore and Associates & Campbell Thomas & Co.

- I. Sign in Sheet, Agenda, List of Reviewed Plans, Public Meeting Map Comments and Draft Trail Recommendation Maps were shared with committee members.
- II. Introductions
 1. Mr. Stasio began the meeting with the purpose of the meeting, the committee to-do's and an opportunity to conduct a site visit. He asked for the return of any committee questionnaires, committee review of recommendations over the next few weeks and the potential for a breakfast and van trip on an upcoming Saturday.

III. Power Point Presentation

1. Kent Baird shared a presentation with attendees to update the committee on plan activities and accomplishments, to share Public Meeting feedback and to discuss trail alignment recommendations. Key items of the presentation included:
 - 1) Traffic & Transportation Reviews - additional engineer intersection reviews to come
 - 2) Public Meeting Feedback:
 1. Top priorities include exercising opportunities and reaching parks, recreation and regional trails without a car.
 2. Extensive map feedback
 - 3) Stakeholder outreach – bicycle community historically underserved-potential focus group opportunity.
 - 4) Online Survey- Hatboro sharing via website and social media, Upper Moreland sharing via email and text messages
 - 5) The Study Area is divided in four map sections (1 through 4) and each shows current draft recommendations of possible on road, off road, multi-use, and shared use trail paths.

IV. Draft Recommended Trail Routes Discussion

1. In the second portion of the presentation Mr. Baird provided an in-depth review of the draft trail route recommendations, which divided the study area into 4 Grids. Key discussion points included:
 - 1) Park and Neighborhood connections – a requirement of the plan. There are many neighborhoods and parks, but mostly disconnected – this plan provides walking and biking routes to link these areas and avoid the use of a car for these destinations
 - 2) Active Lifestyle Loops – provide connections and active routes to get people out and healthy – very important for grant funding!
 - 3) Recommendations include some challenging and ‘scary’ roads where these options are needed – a goal should be to evaluate the potential of these routes before ruling them out completely

- 4) Utilizing Complete Streets approach – increase eligibility for funding (especially county funds)
- 5) Routes of varying difficulty to support all users and utilize safest crossings
- 6) Routes acknowledge county and regional trails and utilize these routes where feasible – county routes often designed for more direct regional travel – not always the best route for local links
- 7) Routes are a combination of existing and proposed sidewalks and trails – the recommendation line does not tell you the full extent of the improvements needed for that route (sidewalk improvements, crosswalks, ramps, bike lanes, new trail, etc.)
- 8) Opportunities for destination trails/bike rides –obstacles (slopes) may be an attractive challenge for others
- 9) Cultural and Art—there are opportunities to include along the trails
- 10)Pennypack Creek Greenway – utilize the creek and its tributaries to connect and protect habitat with multiple partners and trail opportunities. Complete connection may not be feasible, but the plan can identify where it is and explain why where it isn't.
 1. The committee is interested in seeing trails through and along creek areas

11)Grid #1

1. Miller Meadow needs – what do we want & how to connect with the stream? Hatboro plans propose a bridge link to the East with connections to a new Mill Rd bridge coming next year
2. Small neighborhood connections via existing cut throughs
3. Signage and ADA ramps needed throughout (Hatboro has many sidewalks, but needs updates)
4. Trail coordination with schools can be tricky, but is necessary; stakeholder interviews suggest security first

12)Grid #2

1. Pioneer Woods trail hub- tricky to connect to the Cross County Trail and Pennypack Trails

2. Small trails and downtown links with regional trails lead to economic development – highlight local links at trailheads
3. Davisville Rd – fast with oddball sidewalks
4. Mill Creek Park trail connections – draft recommendations provide loop opportunities, but can change based on habitat and park design
5. Cross County connection along the rail road – Byberry was originally the terminus for the county trail, potential for this plan to continue the route to link with the Pennypack Trail along the rail line
6. Regional trail links will increase use for Parks and Pennypack Ecological Restoration Trust – bathrooms needed
7. Coordination with local police and development of rules to manage increased uses
8. YMCA link using adjacent property – may help avoid Davisville Rd
9. Traffic light to be constructed at YMCA and Davisville intersection
10. G&A coordinating with township traffic engineers to see potential Terwood and Davisville improvements
11. Potentially avoid Pennypack circle as main access point – residents don't want too much traffic or parking
12. Strategize with Pennypack to plan for increased use and how to manage increased impact on the area and trails

13) Grid #3

1. Train Station and Easton Rd/York Rd intersection unresolved approach
2. High School and Park connections – some county alignments predate development and changes in the landscape – need to re-evaluate these connections
3. ADA access to tennis courts
4. High School connection with Terwood Park & YMCA – sewer plant adjacent
5. Terwood & Davisville intersection is in need of improvement
6. Interchange redesign – what is the most recent design? How to incorporate a trail approach – critical for Powerline Trail connections

7. Working with tributaries means constructing with flooding in mind – design to withstand flooding and understand clean-up will be needed after large events
8. Utilize FEMA buyouts and flood recovery to protect land and develop trails
9. Use greenway protection and trail development to help satisfy MS4 requirements

14) Grid #4

1. Terwood Rd – major connection for southern lying neighborhoods
2. Terwood right-of-way tight and traffic quick – separated multi-use trail may be feasible and would increase safety (trails can encourage change where other infrastructure may not work)
3. Huntingdon Rd as alternative to Terwood – steep, narrow and more landowners compared to Terwood
4. Potentially identify Terwood as High Priority but dangerous in plan – leave room for future improvement when it may be more feasible

The Meeting was adjourned around 9:30PM.

Notes and To-Do's:

- The committee is encouraged to share their questionnaires with the consultants if they haven't yet done so, and to continue sharing potential stakeholders.
- The committee will review the draft recommendation maps (Grids 1-4) and will share comments and marked up grid maps with the consultants over the coming weeks.
 - Committee members will also identify priority areas for the upcoming group site visit
- Patrick Stasio and the consultants will coordinate a group site visit for an upcoming Saturday with the committee
- The committee would like to see plans that have layers to show various aspects of the trails, i.e. one showing all loop trails, one showing floodplain and wetlands, etc.

- G&A will share a floodplain and steep slopes map with the committee to help the visualization of natural opportunities and constraints and to formalize a greenway corridor.
- Consultants will coordinate with SEPTA to include their future plans (double tracking) and identify how this will impact a trail route



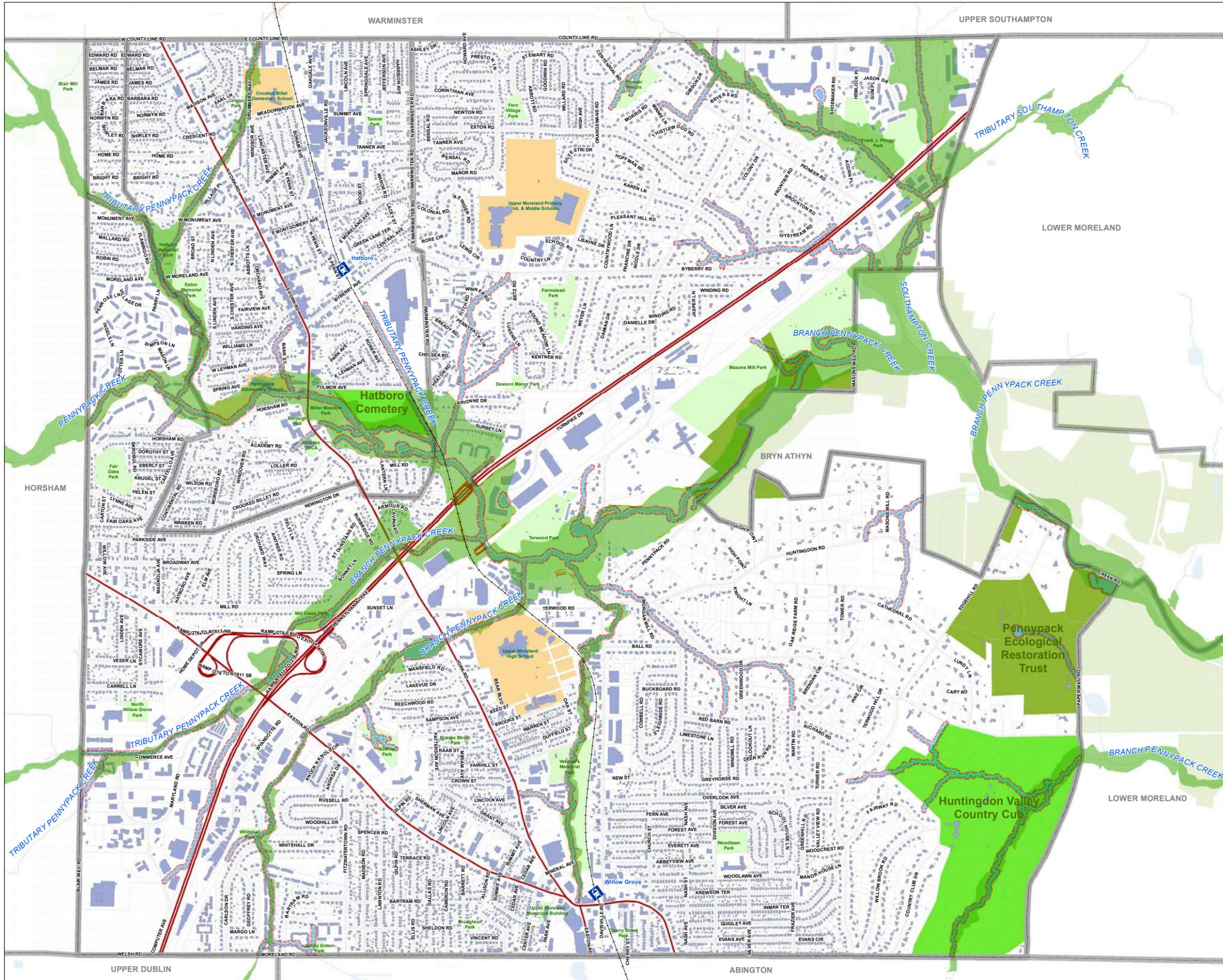
Please Sign In
Steering Committee Meeting

Date: 10/29/19

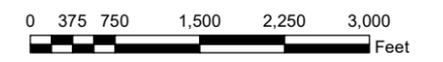
Name & Organization

Contact Email

Jim McKay		Jmckay1193@gmail.com
Doug Maisey		dmaisey@campbellthomas.com
Ken + David	Gilmore + Assoc.	kbarnd@gilmore-assoc.com
Liz Rosencrans	Gilmore + Assoc.	erosencrans@gilmore-assoc.com
Pat SMSIO	U.M.T.	psmsio@uppermoreland.org
ROBERT P. THOMAS	CAMPBELL THOMAS & CO	rthomas@campbellthomas.com
Meg Holscher	PRAC	meg.s.holscher@gmail.com
Kate Nuss	Harbors Community	kgn2@msn.com
Bruce Nicholson	UM	bnicholson@diffynorth.com
Gary Chamberlain	YMCA	gchamberlain@phila.ymca.org
CHRIS MENDEL	PERT	cmendel@penngpactrust.org
Claire Warner	MCPC	cwarner@montcopa.org
Andrew J. Besold	MCPC	abesold@montcopa.org
Katie Kollar	UMT / Harbors Community	kkollar@uppermoreland.org
Matt Candland	UMT	mcandland@uppermoreland.org
Liz Rosencrans	GIA	erosencrans@gilmore-assoc.com



STEEP SLOPES & FEMA 100YR FLOODPLAINS



Legend

- SEPTA Regional Rail Stations
- SEPTA Regional Rail Lines
- 25' Buffer from Stream Bank
- 45' Buffer from Stream Bank
- Pennypack Greenway
- State Highways
- Municipal Boundary
- Buildings
- Parcels
- Pennypack Ecological Restoration Trust
- Private Open Space
- Schools
- Parks
- Steep Slopes**
- >25%
- 15-25%

UPPER MORELAND TOWNSHIP / HATBORO BOROUGH MAP

UPPER MORELAND TOWNSHIP
MONTGOMERY COUNTY, PENNSYLVANIA

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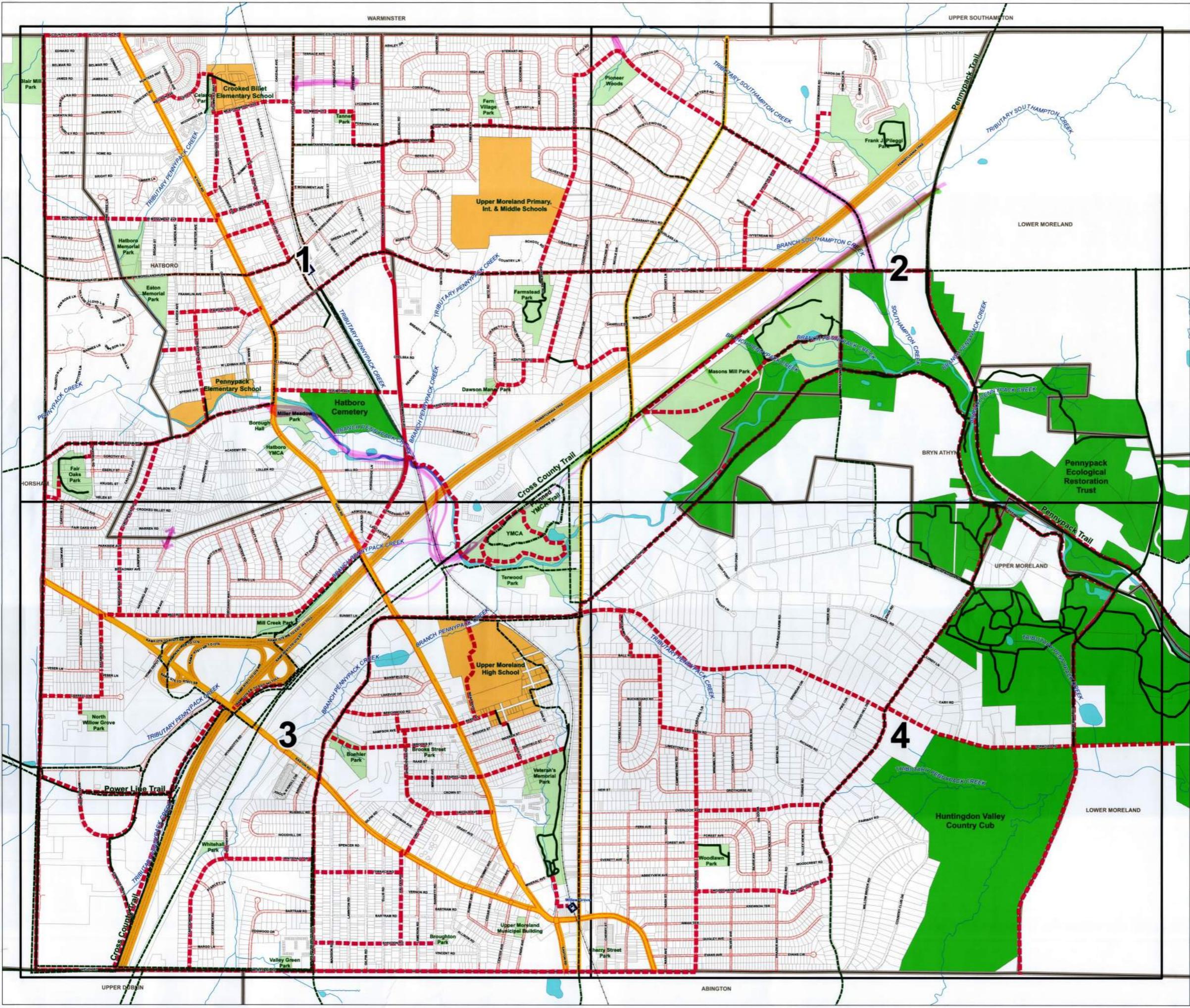
Legend

- SEPTA Regional Rail Stations
- Existing Trails
- Proposed County Trails & Bike Routes
- SEPTA Regional Rail Lines
- Existing Sidewalk
- Proposed Trail Alignment
- Primary Travel Corridor
- Municipal Boundary
- Parcels
- Private Open Space
- Schools
- Parks

UPPER MORELAND TOWNSHIP / HATBORO BOROUGH MAP
 UPPER MORELAND TOWNSHIP
 MONTGOMERY COUNTY, PENNSYLVANIA

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JOB NO: 18-11033 DATE: OCTOBER 2019 SCALE: n/a





IN-HOUSE MEMORANDUM

Date: December 9, 2019

To: Patrick Stasio, Director of Parks & Recreation, Upper Moreland Twp.

From: Kent Baird, AICP, Community Planner, Gilmore & Associates, Inc.

CC: Robert Thomas, AIA, Partner, Campbell Thomas & Co.
Doug Maisey, Planner, Campbell Thomas & Co.

Reference: Upper Moreland Township–Hatboro Borough Master Trail Plan
Minutes of Steering Committee Meeting #5—Study Area Tour

Summary

A fifth Steering Committee (SC) Meeting for the Upper Moreland Township-Hatboro Borough Master Trail Plan was held at 9:00AM, Saturday, December 7, 2019 for the purpose of touring the plan’s study area, and to discuss goals, objectives, opportunities and constraints of the recommended trail routes. There were 12 individuals in attendance; including two attendees from the Montgomery County Planning Commission (MCPC). The following is a summary of the meeting and steering committee comments.

Attendance: Pat Stasio, Bob Thomas, Kent Baird, Bruce Nicholson, Diane Hegele, Elle Anzinger, Katrina Nuss, Jim McKay, Gary Chamberlin, Meg Holscher, and MCPC Planners-Claire Warner & Andrew Besold

Meeting Minutes

Meeting led by Patrick Stasio and Kent Baird and Bob Thomas

- I. Sign in Sheet, Agenda, and Tour Guide/Trail Recommendation Maps were shared with committee members.
- II. Introductions
 1. Mr. Stasio began the meeting with: the purpose of the meeting and tour; the route and timing of the tour; an additional call for trail route edits and suggestions; and a reminder members should make sure to return any

outstanding committee questionnaires, committee review of recommendations as soon as possible.

III. Tour Maps and Tour Changes

1. Kent Baird and Bob Thomas shared the tour map and reasons for the initial itinerary. Key destinations included:

- Veteran's Memorial Park
- Maple Street to Brook Street Cut Through Trail Path
- Upper Moreland High School
- Terwood Park and Terwood/Davisville Intersection
- Terwood Road
- Turnpike Drive and Pennypack Stream under PA Turnpike
- Pennypack Trail Trailhead
- Byberry Road
- Corinthian Avenue Cut-Through Pending Path
- Crooked Billet Elementary School/Celano Park Trail
- Hatboro Borough
- Miller Meadow Park
- Blair Mill Road
- Power Line Trail/ Commerce Avenue/ Jamestown Village
- Pep Boys Auto (trail opportunities south along Turnpike)
- Easton Road

2. Committee Edits to Tour—in the interest of time and especially for improving the time spent at key locations, some edits were made:

- 1) Committee Opted not to visit Terwood Road Right of Way and Pennypack Trail Trailhead
- 2) Committee Opted to visit Blair Mill Apartments to see firsthand the route recommendations and to bolster support for connections to the Borough
- 3) Committee Opted not to visit Horsham Road sidewalk/side path/multi-use trail, right of way route.

IV. Draft Recommended Trail Routes Discussion

1. The Committee witnessed traffic congestion, traffic volume and speed, and the scale of terrain meant to host the recommended trails. Key discussion points included:

- Maple Street Cut-Through is a great example of a simple pedestrian path that can be negotiated between two homeowners for the benefit of an entire neighborhood, and especially school students;
- Terwood and Davisville—multiple options exist for installing a side path/multi-use trail along Davisville.
- The High School's early willingness to include a sidewalk along the tennis courts could be a major win for connecting residents to the non-residential uses along Terwood Road; ie Eastern Center for Arts and Technology;
- Turnpike Drive/Pennypack Creek/PA Turnpike—this area presents a unique natural area experience, has some floodplain challenges, and yet could host innovative boardwalk and bridge solutions under the PA Turnpike and through to the pedestrian/bicycle network of Davisville Road and to the YMCA;
- Corinthian Avenue will offer an excellent cut through opportunity for school students and for families seeking to do walking loops without having to use County Line Rd.;
- Miller Meadow has a great opportunity to become a natural area/nature center destination; one of the residential properties is under consideration for conversion to a possible nature center. Pedestrian bridges and woodland footpaths are distinct and real possibility for the near term. Some serious slopes and unknowns regarding Cemetery usage will need to be studied;
- Blair Mill Apartments—the committee seriously supported multiple connections to Hatboro Borough
- Pep Boys and the PA Turnpike---the utility, gas, turnpike right of ways present both an opportunity for a trail path and huge obstacle due to safety.
- Easton Road – this heavily travelled artery, which now divides portions of Upper Moreland within Willow Grove, offers the opportunity to revive the modern sense of a village atmosphere with landscaping, paving, bulb-outs, pedestrian-friendly storefronts, café seating – all complimentary to an enhanced sidewalk and protected bike-lane network

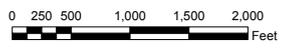
The Meeting was adjourned around 12 Noon



STEERING COMMITTEE SITE TOUR

LEGEND

-  PRIMARY DRIVING ROUTE
-  BRIEF DETOUR
-  STOP/DISCUSSION POINT
-  TURNAROUND



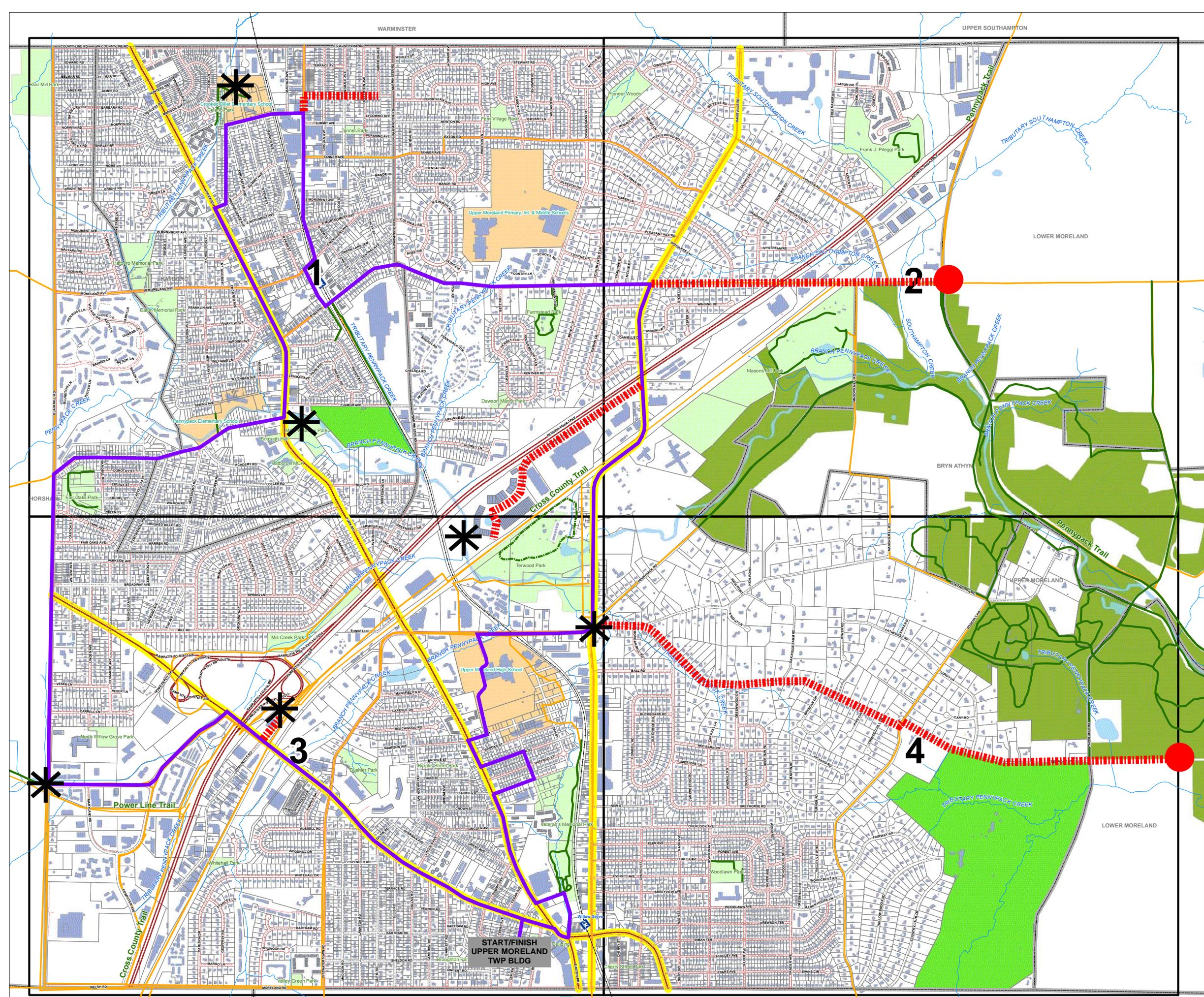
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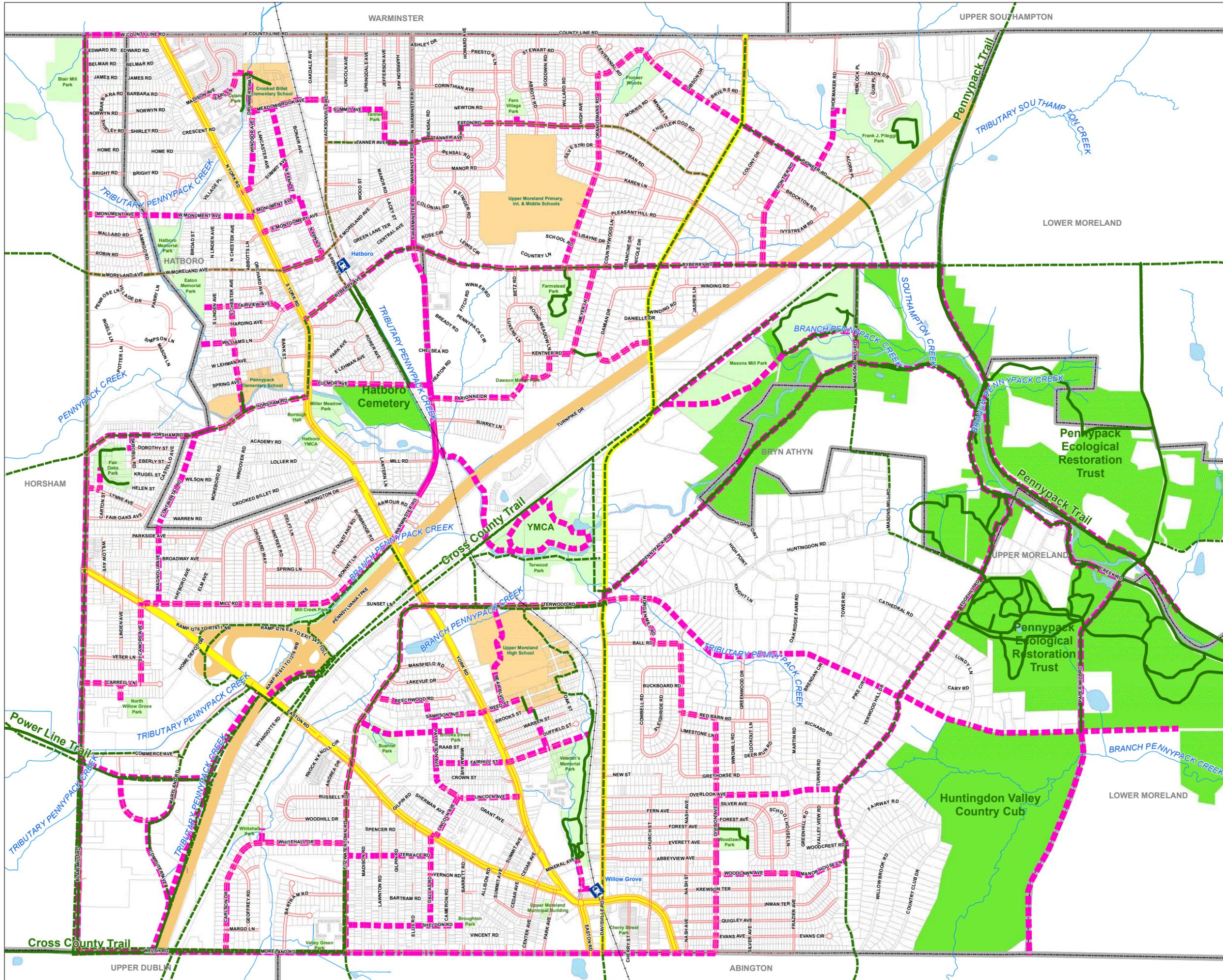
-  SEPTA Regional Rail Stations
-  Existing Trails
-  YMCA Planned Trail
-  Proposed County Trails & Bike Routes
-  SEPTA Regional Rail Lines
-  Existing Sidewalk
-  State Highways
-  Primary Trail Route
-  Municipal Boundary
-  Parcels
-  Buildings
-  Pennypack Wilderness
-  Private Open Space
-  Schools
-  Parks

**UPPER MORELAND TOWNSHIP /
HATBORO BOROUGH MAP**
UPPER MORELAND TOWNSHIP
MONTGOMERY COUNTY, PENNSYLVANIA

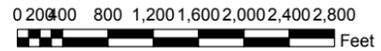
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JOB NO: 18-11033 DATE: OCTOBER 2019 SCALE: n/a





GRID #0



Legend

- SEPTA Regional Rail Stations
- Existing Trails
- Proposed County Trails & Bike Routes
- SEPTA Regional Rail Lines
- Existing Sidewalk
- Proposed Trail Alignment
- Primary Travel Corridor
- Municipal Boundary
- Parcels
- Private Open Space
- Schools
- Parks

UPPER MORELAND TOWNSHIP / HATBORO BOROUGH MAP
UPPER MORELAND TOWNSHIP
MONTGOMERY COUNTY, PENNSYLVANIA

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IN-HOUSE MEMORANDUM

Date: January 30, 2020

To: Patrick Stasio, Director of Parks & Recreation, Upper Moreland Twp.

From: Kent Baird, AICP, Community Planner, Gilmore & Associates, Inc.

CC: Robert Thomas, AIA, Partner, Campbell Thomas & Co.
Doug Maisey, Planner, Campbell Thomas & Co.

Reference: Upper Moreland Township–Hatboro Borough Master Trail Plan
Minutes of Steering Committee Meeting #6

Summary

The (6) Steering Committee (SC) Meeting for the Upper Moreland Township-Hatboro Borough Master Trail Plan was held at 7:00PM, Wednesday, January 29, 2020 for the purpose of reviewing trail updates, the newly requested greenway analysis, and providing additional comments on the draft trail alignment. There were 16 individuals in attendance; including two attendees from the Montgomery County Planning Commission (MCPC). The following is a summary of the meeting and steering committee comments.

Meeting Minutes

Meeting led by Patrick Stasio, Kent Baird and Bob Thomas

- I. Sign in Sheet, Agenda, and Greenway Analysis Map and Evaluation were shared with committee members. An initial set of Greenway Analysis maps were previously shared with committee members via email.

- II. Introductions
Mr. Stasio began the meeting with: a recap of the 2 previous meetings including the benefits of Meeting #5's Site Visit, a status update, and our approach towards finalizing alignments. Mr. Stasio identified April 2020 as a goal to deliver a draft plan to the committee for a 1-week review period, followed by 1 month of public review and a hopeful plan adoption around June 2020. Mr. Stasio reminded the committee that this is a long-term, high cost plan that will need to be handled in sections, with partners to achieve implementation.

III. Kent Baird re-introduced the consultant team, followed by an invitation of the steering committee, parks & recreation committee and county planners to (re)introduce themselves. He then presented a power point presentation including the following topics:

1. Trail Plan Update

Mr. Baird highlighted the plan accomplishments to date including, but not limited to: plans reviewed, traffic and transportation analysis, public meetings completed, initial recommendations and the benefits of the committee site visit.

2. Greenway Analysis

Mr. Baird reminded committee members that this was an add-on analysis to the original plan scope, created to satisfy the committees desire to more deeply examine the greenway network for trail alignments. Baird noted that this is a separate analysis from the trail alignment previously presented, and strictly focuses on the feasibility of the greenway for trail paths. The review included 19 segments which were each discussed. Key focus areas included:

- 1) This is an initial study that only looks at physical feasibility. Next steps would include further evaluation of existing habitats and landowner coordination to determine true feasibility.
- 2) Green, Yellow and Red rankings were developed using buffers along the waterways and nearby structures to evaluate the feasibility of a trail path based on available space and connected destinations.
- 3) Trees were not mapped as obstacles
- 4) Most routes are within the floodplain- this needs to be considered when planning for design and the cost of maintenance
- 5) Schools typically do not support public trails within their property
- 6) Private landowners will require negotiations and trail easements
- 7) Steep slopes, rail and roadway crossings present obstacles and raise costs to implement
- 8) Important to remember greenways are natural areas that are limited in this community and should be protected- this adds to trail feasibility in narrow or threatened areas
- 9) Buildings and landowners change over time- some obstacles today may not be an issue, or may be negotiated tomorrow.

Mr. Stasio noted that this is an important step for committee members to share with the community to show that we did look at features like topography, creeks and wet areas, physical obstacles and proximity to homes and landowners when determining the final alignment.

3. Online Survey

Mr. Baird mentioned that there has been great feedback thus far, but the plan may benefit from sharing the survey on additional social media platforms. It was posed to the committee if the survey should be closed or remain open/reshared. Response pending.

4. Recommendations/Discussion

The committee discussed the greenway analysis and draft alignments while marking up an alignment map with routes to add and those to be removed. Key points included:

- 1) The report will highlight trail facilities and amenities including: lighting, signage, trailheads, art/culture/environmental features, etc.
- 2) The committee was asked to share any additional stakeholders they feel may benefit the plan
- 3) Mr. Stasio requested the addition of the Pet Boys and Blair Mill Village Apartment connections identified during the site visit
- 4) Mr. Mendel of the Pennypack Ecological Restoration Trust recognized the 'friction' of certain greenway alignments due to physical constraints and landowner negotiations, but asked the consultants which routes are our 'visionary' routes that need to be tackled regardless of friction. Mr. Stasio and Mr. Baird clarified that it is up to the committee and community to identify these 'visionary' areas as places they have a deep desire to travel to, or through. They also explained that the goal of this plan is just to identify the potential routes. Steps after this plan will include the determination of which difficult routes are most beneficial at that time and worth the pursuit of negotiations and funding- this study simply identifies them so they are eligible for said funding if selected in the future.
- 5) Mr. Stasio reiterated for the committee that the primary objective of this plan, as a TCDI funded project, is to connect to downtown areas and parks. While greenways are a great way to do this, they are not our primary focus.
- 6) Mr. Stasio and Mr. Baird announced to the committee that it is their job to determine which yellow and red greenway alignments are a top priority so the consultants can focus on these areas
- 7) The County has multiple alignments for the cross-county trail- a potential feasibility study in the future
- 8) Committee stressed a desire to follow originally proposed route between the Upper Moreland High School and Railroad- Mr. Baird noted that both the original and alternative routes can be identified, and one could serve as an interim alignment while the other is negotiated.
- 9) Corridor between the turnpike and railroad should be a focus for redevelopment and trail connections
- 10) In the report- multiple maps should be used to build the reasoning for each alignment and ease readers into the multiple routes. Ex.

Start with base map, next map to show connections between two municipalities, followed by local connections to parks....

11)Mr. Stasio noted he would like to recommend that the steering committee remain after the plans adoption to champion the recommendations and pursue implementation.

The Meeting was adjourned around 9:30PM

Notes:

- The consultants will get greenway and trail alignment maps to the committee to review. Consultants will add additional notes to the greenway/trail maps to clarify adjacent grids.



Please Sign In
Steering Committee Meeting #6
Date: 1/29/2020

Name	Affiliation	E-mail
Liz Rosencrans	GIA	erosencrans@gilmore-assoc.com
PAUL MCCARTHY	UM PRAC	paul.mccarthy1975@yahoo.com
Michael Searles	UM Resident	msearles91@comcast.net
Matt Canfield	UMT	mcanfield@uppermereland.org
Bruce Nicholson	UMT on steering comm	brnicholson@doffynorth.com
Meg Holscher	UM PRAC	meg.s.holscher@gmail.com
Katrina Nuss	Hatboro ^{Resident} Community	Kgn02@msn.com
Jeffrey Tompkins	UPPER MERELAND Resident	JeffTompkins214@gmail.com
Jim McKay	UMT	JMCKay, U.S. Co General Corp
Douglas Maisey	Campbell Thomas & Co.	dmaisey@campbellthomas.com
ROBERT P. THOMAS	CAMPBELL THOMAS & CO.	rthomas@campbellthomas.com
Andrew J. Besold	MCPC	abesold@montcopa.org
PAT STASIO	U.M.T.	
Elle Amarger	Hatboro, Council	
CHRIS MEYER	PERT	cmeyerd@pennpactrust.org



Upper Moreland Township & Hatboro Borough Master Trail Plan Stakeholder Interview



Do you take part in pedestrian or bicycle travel, whether it's getting to work, running to the store, or just getting out for the sake of being on a trail? If so, Upper Moreland Township and Hatboro Borough need your help with the evaluation and improvement of our pedestrian and bicycle facilities. Let us know your multi-modal priorities and help us enhance our bike & trail network for the enjoyment of all!

Step 1: Tell us about yourself (circle one): Gov't/Non-Profit Business

Name & Title: _____ Date & Time: 9/17/19, evening

Your Organization: Friends of Boileau Interviewer: Kent Baird

How many people do you represent? 80

Step 2: How do you feel about Upper Moreland and Hatboro's Pedestrian and Bike Facilities?

Do you use Upper Moreland and Hatboro's Pedestrian/Bike facilities – trails, bike paths, sidewalks, etc. (check one)?
 Yes No (which do you frequent most? hatboro, upper moreland sidewalks; trails)

How happy are you with the facilities (check one)? Very Satisfied Somewhat Satisfied Not Satisfied
Comments: Suburb walkability and bike friendly trails and lanes are spotty at best

How do you use the pedestrian and bike facilities (check all that apply)?

- | | | |
|---------------------------------------------|-----------------------------------------|--------------------------------------|
| <input checked="" type="checkbox"/> Walking | <input type="checkbox"/> Nature Viewing | <input type="checkbox"/> Fitness |
| <input checked="" type="checkbox"/> Hiking | <input type="checkbox"/> Birding | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Jogging | <input type="checkbox"/> Commuting | |
| <input type="checkbox"/> Bicycling | <input type="checkbox"/> Traveling | |

Step 3: Help us elevate Upper Moreland and Hatboro's Pedestrian and Bicycle Network

What is your relationship to the network? partner with upper moreland township; historic preservation

What do you feel about the condition of the network today?
much improvement in connectivity between recreation and natural lands; difficult task to achieve

Are there elements of the network you would like to change?
public and private collaboration to improve gaps in walkability between municipalities; too car-centric

Are there elements of the network you would like to maintain or preserve?
yes ... all of it



Upper Moreland Township



Upper Moreland Township & Hatboro Borough Master Trail Plan Stakeholder Interview



Do you take part in pedestrian or bicycle travel, whether it's getting to work, running to the store, or just getting out for the sake of being on a trail? If so, Upper Moreland Township and Hatboro Borough need your help with the evaluation and improvement of our pedestrian and bicycle facilities. Let us know your multi-modal priorities and help us enhance our bike & trail network for the enjoyment of all!

Step 1: Tell us about yourself (circle one): Gov't/Non-Profit Business

Name & Title: _____ Date & Time: 3/25/19

Your Organization: _____ Interviewer: _____

How many people do you represent? myself

Step 2: How do you feel about Upper Moreland and Hatboro's Pedestrian and Bike Facilities?

Do you use Upper Moreland and Hatboro's Pedestrian/Bike facilities – trails, bike paths, sidewalks, etc. (check one)?
 Yes No (which do you frequent most? Pennypack Trail Powertown Trail)

How happy are you with the facilities (check one)? Very Satisfied Somewhat Satisfied Not Satisfied *Heaven*

Comments: not sure if there is a coordinated trail network in these 2 communities

How do you use the pedestrian and bike facilities (check all that apply)?

- | | | |
|---------------------------------------------|-----------------------------------------|--------------------------------------|
| <input checked="" type="checkbox"/> Walking | <input type="checkbox"/> Nature Viewing | <input type="checkbox"/> Fitness |
| <input type="checkbox"/> Hiking | <input type="checkbox"/> Birding | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Jogging | <input type="checkbox"/> Commuting | |
| <input type="checkbox"/> Bicycling | <input type="checkbox"/> Traveling | |

Step 3: Help us elevate Upper Moreland and Hatboro's Pedestrian and Bicycle Network

What is your relationship to the network? There is no existing network

What do you feel about the condition of the network today?
we are very much just starting a network

Are there elements of the network you would like to change?

Are there elements of the network you would like to maintain or preserve?

we are blessed with the TRUST and now the Pennypack Trail



Upper Moreland Township

What kind of amenities/destinations/connections do you feel the municipality's need (check all that apply)?

- | | | |
|------------------------------------------------------|-------------------------------------------------------|---------------------------------------|
| <input checked="" type="checkbox"/> Benches | <input type="checkbox"/> Community Resource Links | <input type="checkbox"/> ADA access |
| <input checked="" type="checkbox"/> Bathrooms | <input type="checkbox"/> Neighborhood Links | <input type="checkbox"/> Water Access |
| <input type="checkbox"/> Bike Repair Stations | <input type="checkbox"/> Park and Recreation Links | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Lighting | <input type="checkbox"/> Wayfinding Signage | |
| <input type="checkbox"/> Public Transportation Links | <input type="checkbox"/> Educational Signs and Kiosks | |

What opportunities exist?

Rethinking economic dev opportunities as it relates to increasing trails and biking access in the area

What challenges are there?

Creating/preserving natural lands in the area



Photo Source: Public Domain

Would you like more information on the health benefits of trails (check one)?

- Yes No

Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?



Photo Source: Wikimedia

Please contact Patrick Stasio or Kent Baird with any questions:

Patrick Stasio, C.P.R.P.
Director of Parks and Recreation
Upper Moreland Township
117 Park Avenue, Willow Grove, PA 19090

Kent Baird, AICP
Community Planner
Gilmore & Associates, Inc.
kbaird@gilmore-assoc.com / 215-345-4330

What kind of amenities/destinations/connections do you feel the municipality's need (check all that apply)?

- | | | |
|------------------------------------------------------|---------------------------------------------------------------|---------------------------------------|
| <input checked="" type="checkbox"/> Benches | <input type="checkbox"/> Community Resource Links | <input type="checkbox"/> ADA access |
| <input checked="" type="checkbox"/> Bathrooms | <input type="checkbox"/> Neighborhood Links | <input type="checkbox"/> Water Access |
| <input type="checkbox"/> Bike Repair Stations | <input checked="" type="checkbox"/> Park and Recreation Links | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Lighting | <input type="checkbox"/> Wayfinding Signage | |
| <input type="checkbox"/> Public Transportation Links | <input type="checkbox"/> Educational Signs and Kiosks | |

What opportunities exist?

If cross-county trail will be a reality, tie local trail network into it, connect existing parks

What challenges are there?



Photo Source: Public Domain

Would you like more information on the health benefits of trails (check one)?

- Yes No

Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?

This is an exciting project, connecting existing parks, neighborhoods to commercial areas will transfer the community
Happy to be part of it.



Photo Source: Wikimedia

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Upper Moreland Township & Hatboro Borough Master Trail Plan Stakeholder Interview



Do you take part in pedestrian or bicycle travel, whether it's getting to work, running to the store, or just getting out for the sake of being on a trail? If so, Upper Moreland Township and Hatboro Borough need your help with the evaluation and improvement of our pedestrian and bicycle facilities. Let us know your multi-modal priorities and help us enhance our bike & trail network for the enjoyment of all!

Step 1: Tell us about yourself (circle one): Gov't/Non-Profit Business

Name & Title: _____ Date & Time: 3/25/2019

Your Organization: Pennypack Ecological Restoration Trust Interviewer: _____

How many people do you represent? 1,200 members

Step 2: How do you feel about Upper Moreland and Hatboro's Pedestrian and Bike Facilities?

Do you use Upper Moreland and Hatboro's Pedestrian/Bike facilities – trails, bike paths, sidewalks, etc. (check one)?
 Yes No (which do you frequent most? Sorry, I'm too new here to have a real)

How happy are you with the facilities (check one)? Very Satisfied Somewhat Satisfied Not Satisfied

Comments: cycling and walking along many portions of UMT are not enabled by certain roads & bridges

How do you use the pedestrian and bike facilities (check all that apply)?

<input checked="" type="checkbox"/> Walking	<input checked="" type="checkbox"/> Nature Viewing	<input type="checkbox"/> Fitness
<input checked="" type="checkbox"/> Hiking	<input type="checkbox"/> Birding	<input type="checkbox"/> Other _____
<input checked="" type="checkbox"/> Jogging	<input type="checkbox"/> Commuting	
<input checked="" type="checkbox"/> Bicycling	<input type="checkbox"/> Traveling	

Step 3: Help us elevate Upper Moreland and Hatboro's Pedestrian and Bicycle Network

What is your relationship to the network? Resident, trail guide, nature educator

What do you feel about the condition of the network today?
Multimodal transit is quite good within urban cores in Willow Grove and Hatboro. Making connections.

Are there elements of the network you would like to change?
I would like to see share rows and extra width outside the white line for non-motorists. I would like to

Are there elements of the network you would like to maintain or preserve?



Upper Moreland Township & Hatboro Borough Master Trail Plan Stakeholder Interview



Do you take part in pedestrian or bicycle travel, whether it's getting to work, running to the store, or just getting out for the sake of being on a trail? If so, Upper Moreland Township and Hatboro Borough need your help with the evaluation and improvement of our pedestrian and bicycle facilities. Let us know your multi-modal priorities and help us enhance our bike & trail network for the enjoyment of all!

Step 1: Tell us about yourself (circle one): Gov't/Non-Profit Business

Name & Title: _____ Date & Time: 9.17.19

Your Organization: Horsham Township Interviewer: _____

How many people do you represent? _____

Step 2: How do you feel about Upper Moreland and Hatboro's Pedestrian and Bike Facilities?

Do you use Upper Moreland and Hatboro's Pedestrian/Bike facilities – trails, bike paths, sidewalks, etc. (check one)?
 Yes No (which do you frequent most? Pennypack Trail)

How happy are you with the facilities (check one)? Very Satisfied Somewhat Satisfied Not Satisfied

Comments: There is no safe way to get from Hatboro to the Pennypack Trail

How do you use the pedestrian and bike facilities (check all that apply)?

<input type="checkbox"/> Walking	<input type="checkbox"/> Nature Viewing	<input checked="" type="checkbox"/> Fitness
<input type="checkbox"/> Hiking	<input type="checkbox"/> Birding	<input type="checkbox"/> Other _____
<input type="checkbox"/> Jogging	<input type="checkbox"/> Commuting	
<input checked="" type="checkbox"/> Bicycling	<input type="checkbox"/> Traveling	

Step 3: Help us elevate Upper Moreland and Hatboro's Pedestrian and Bicycle Network

What is your relationship to the network? I ride around and through Hatboro often

What do you feel about the condition of the network today?
I didn't know there was a network?

Are there elements of the network you would like to change?
More notification of the network.

Are there elements of the network you would like to maintain or preserve?

Safety aspects



What kind of amenities/destinations/connections do you feel the municipality's need (check all that apply)?

- | | | |
|-----------------------------------------------------------------|---------------------------------------------------------------|--------------------------------------------------|
| <input type="checkbox"/> Benches | <input checked="" type="checkbox"/> Community Resource Links | <input checked="" type="checkbox"/> ADA access |
| <input type="checkbox"/> Bathrooms | <input checked="" type="checkbox"/> Neighborhood Links | <input checked="" type="checkbox"/> Water Access |
| <input type="checkbox"/> Bike Repair Stations | <input checked="" type="checkbox"/> Park and Recreation Links | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Lighting | <input checked="" type="checkbox"/> Wayfinding Signage | |
| <input checked="" type="checkbox"/> Public Transportation Links | <input type="checkbox"/> Educational Signs and Kiosks | |

What opportunities exist?
We have a growing network that is just about to reach critical mass. Finding the right pressure-points can really magnify trail use.



What challenges are there?
Lack of control and cooperation with state agencies. PennDOT has not been open to conversation about multimodal needs.

Would you like more information on the health benefits of trails (check one)?

- Yes No

Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?



Please contact Patrick Stasio or Kent Baird with any questions:

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 Director of Parks and Recreation
 Upper Moreland Township
 117 Park Avenue, Willow Grove, PA 19090

Kent Baird, AICP
 Community Planner
 Gilmore & Associates, Inc.
kbaird@gilmore-assoc.com / 215-345-4330

What kind of amenities/destinations/connections do you feel the municipality's need (check all that apply)?

- | | | |
|----------------------------------------------------------|--------------------------------------------------------|---------------------------------------|
| <input type="checkbox"/> Benches | <input type="checkbox"/> Community Resource Links | <input type="checkbox"/> ADA access |
| <input checked="" type="checkbox"/> Bathrooms | <input checked="" type="checkbox"/> Neighborhood Links | <input type="checkbox"/> Water Access |
| <input checked="" type="checkbox"/> Bike Repair Stations | <input type="checkbox"/> Park and Recreation Links | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Lighting | <input checked="" type="checkbox"/> Wayfinding Signage | |
| <input type="checkbox"/> Public Transportation Links | <input type="checkbox"/> Educational Signs and Kiosks | |

What opportunities exist?



What challenges are there?

Would you like more information on the health benefits of trails (check one)?

- Yes No

Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?



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Kent Baird, AICP
 Community Planner
 Gilmore & Associates, Inc.
kbaird@gilmore-assoc.com / 215-345-4330



Upper Moreland Township & Hatboro Borough Master Trail Plan Stakeholder Interview



Do you take part in pedestrian or bicycle travel, whether it's getting to work, running to the store, or just getting out for the sake of being on a trail? If so, Upper Moreland Township and Hatboro Borough need your help with the evaluation and improvement of our pedestrian and bicycle facilities. Let us know your multi-modal priorities and help us enhance our bike & trail network for the enjoyment of all!

Step 1: Tell us about yourself (circle one): Gov't/Non-Profit Business
 Name & Title: [Redacted] Date & Time: 10/28/19 1:45 PM
 Your Organization: Borough of Hatboro Interviewer: DH
 How many people do you represent? 7500

Step 2: How do you feel about Upper Moreland and Hatboro's Pedestrian and Bike Facilities?

Do you use Upper Moreland and Hatboro's Pedestrian/Bike facilities - trails, bike paths, sidewalks, etc. (check one)?
 Yes No (which do you frequent most? Hatboro Sidewalks)

How happy are you with the facilities (check one)? Very Satisfied Somewhat Satisfied Not Satisfied
 Comments: It is not perfect, but we have worked very hard to get sidewalks fixed. Still have more to do.

How do you use the pedestrian and bike facilities (check all that apply)?

- | | | |
|---------------------------------------------|-----------------------------------------|--------------------------------------|
| <input checked="" type="checkbox"/> Walking | <input type="checkbox"/> Nature Viewing | <input type="checkbox"/> Fitness |
| <input type="checkbox"/> Hiking | <input type="checkbox"/> Birding | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Jogging | <input type="checkbox"/> Commuting | |
| <input type="checkbox"/> Bicycling | <input type="checkbox"/> Traveling | |

Step 3: Help us elevate Upper Moreland and Hatboro's Pedestrian and Bicycle Network

What is your relationship to the network? Borough Manager and resident
 What do you feel about the condition of the network today?
 Need dedicated bicycle lanes in Hatboro
 Are there elements of the network you would like to change?
 Are there elements of the network you would like to maintain or preserve?



Upper Moreland Township & Hatboro Borough Master Trail Plan Stakeholder Interview



Do you take part in pedestrian or bicycle travel, whether it's getting to work, running to the store, or just getting out for the sake of being on a trail? If so, Upper Moreland Township and Hatboro Borough need your help with the evaluation and improvement of our pedestrian and bicycle facilities. Let us know your multi-modal priorities and help us enhance our bike & trail network for the enjoyment of all!

Step 1: Tell us about yourself (circle one): Gov't/Non-Profit Business
 Name & Title: [Redacted] Date & Time: 4/9 12:30
 Your Organization: Interviewer:
 How many people do you represent? 3

Step 2: How do you feel about Upper Moreland and Hatboro's Pedestrian and Bike Facilities?

Do you use Upper Moreland and Hatboro's Pedestrian/Bike facilities - trails, bike paths, sidewalks, etc. (check one)?
 Yes No (which do you frequent most? Pennypack and the Rail Trail)

How happy are you with the facilities (check one)? Very Satisfied Somewhat Satisfied Not Satisfied
 Comments: Would like to see connection from the towns to the rail trail

How do you use the pedestrian and bike facilities (check all that apply)?

- | | | |
|---------------------------------------------|-----------------------------------------|------------------------------------------|
| <input checked="" type="checkbox"/> Walking | <input type="checkbox"/> Nature Viewing | <input type="checkbox"/> Fitness |
| <input checked="" type="checkbox"/> Hiking | <input type="checkbox"/> Birding | <input type="checkbox"/> Other sketching |
| <input type="checkbox"/> Jogging | <input type="checkbox"/> Commuting | |
| <input type="checkbox"/> Bicycling | <input type="checkbox"/> Traveling | |

Step 3: Help us elevate Upper Moreland and Hatboro's Pedestrian and Bicycle Network

What is your relationship to the network? I am a frequent user.
 What do you feel about the condition of the network today?
 I would like to see it better connected so I would not have to bike at main roads...
 Are there elements of the network you would like to change?
 Better connections between the different trails
 Are there elements of the network you would like to maintain or preserve?
 The Rail trail and other trails



What kind of amenities/destinations/connections do you feel the municipality's need (check all that apply)?

- | | | |
|------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------|
| <input checked="" type="checkbox"/> Benches | <input type="checkbox"/> Community Resource Links | <input checked="" type="checkbox"/> ADA access |
| <input type="checkbox"/> Bathrooms | <input checked="" type="checkbox"/> Neighborhood Links | <input type="checkbox"/> Water Access |
| <input type="checkbox"/> Bike Repair Stations | <input type="checkbox"/> Park and Recreation Links | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Lighting | <input checked="" type="checkbox"/> Wayfinding Signage | |
| <input type="checkbox"/> Public Transportation Links | <input checked="" type="checkbox"/> Educational Signs and Kiosks | |

What opportunities exist?

We have a lot of areas that can connect and many nice parks.

What challenges are there?

Need more ADA parks in Hatboro

Would you like more information on the health benefits of trails (check one)?

- Yes No

Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?

Looking forward to the results of the study and hoping to implement to make Hatboro more pedestrian friendly



Photo Source: Public Domain



Photo Source: Hatboro Borough

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 Upper Moreland Township
 117 Park Avenue, Willow Grove, PA 19090

Kent Baird, AICP
 Community Planner
 Gilmore & Associates, Inc.
 kbaird@gilmore-assoc.com / 215-345-4330

What kind of amenities/destinations/connections do you feel the municipality's need (check all that apply)?

- | | | |
|----------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------|
| <input checked="" type="checkbox"/> Benches | <input checked="" type="checkbox"/> Community Resource Links | <input type="checkbox"/> ADA access |
| <input checked="" type="checkbox"/> Bathrooms | <input checked="" type="checkbox"/> Neighborhood Links | <input checked="" type="checkbox"/> Water Access |
| <input checked="" type="checkbox"/> Bike Repair Stations | <input type="checkbox"/> Park and Recreation Links | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Lighting | <input checked="" type="checkbox"/> Wayfinding Signage | |
| <input type="checkbox"/> Public Transportation Links | <input type="checkbox"/> Educational Signs and Kiosks | |

What opportunities exist?

The Hatboro Parks for a quick workout - and I am able to get to other parks by bike

What challenges are there?

The biggest challenge is main very busy roads and extreme traffic.

Other parking on the streets creates a lot of problems

Would you like more information on the health benefits of trails (check one)?

- Yes No

Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?

I would like to see the Hatboro and the Pennypack trail connected in a way that people could bike there without dealing with a lot of traffic.

The borough needs to fix the sidewalk gaps in town - which includes (Chick Rd after the Y Park at Warmister Rd) (the other half of Hatboro) (Street at Byberry Rd)



Photo Source: Public Domain



Photo Source: Hatboro Borough

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Upper Moreland Township & Hatboro Borough Master Trail Plan Stakeholder Interview



Do you take part in pedestrian or bicycle travel, whether it's getting to work, running to the store, or just getting out for the sake of being on a trail? If so, Upper Moreland Township and Hatboro Borough need your help with the evaluation and improvement of our pedestrian and bicycle facilities. Let us know your multi-modal priorities and help us enhance our bike & trail network for the enjoyment of all!

Step 1: Tell us about yourself (circle one): Gov't/Non-Profit Business

Name & Title: _____ Date & Time: 10/29/2019
 Your Organization: Upper Moreland Interviewer: _____
 How many people do you represent? _____

Step 2: How do you feel about Upper Moreland and Hatboro's Pedestrian and Bike Facilities?

Do you use Upper Moreland and Hatboro's Pedestrian/Bike facilities – trails, bike paths, sidewalks, etc. (check one)?
 Yes No (which do you frequent most? Walking Trails)

How happy are you with the facilities (check one)? Very Satisfied Somewhat Satisfied Not Satisfied
 Comments: _____

How do you use the pedestrian and bike facilities (check all that apply)?

<input type="checkbox"/> Walking	<input type="checkbox"/> Nature Viewing	<input type="checkbox"/> Fitness
<input type="checkbox"/> Hiking	<input type="checkbox"/> Birding	<input type="checkbox"/> Other _____
<input type="checkbox"/> Jogging	<input type="checkbox"/> Commuting	
<input type="checkbox"/> Bicycling	<input type="checkbox"/> Traveling	

Step 3: Help us elevate Upper Moreland and Hatboro's Pedestrian and Bicycle Network

What is your relationship to the network? resident

What do you feel about the condition of the network today?
 Could be improved

Are there elements of the network you would like to change?
 Try to contact the existing trails together

Are there elements of the network you would like to maintain or preserve?
 Pennyback system



Upper Moreland Township & Hatboro Borough Master Trail Plan Stakeholder Interview



Do you take part in pedestrian or bicycle travel, whether it's getting to work, running to the store, or just getting out for the sake of being on a trail? If so, Upper Moreland Township and Hatboro Borough need your help with the evaluation and improvement of our pedestrian and bicycle facilities. Let us know your multi-modal priorities and help us enhance our bike & trail network for the enjoyment of all!

Step 1: Tell us about yourself (circle one): Gov't/Non-Profit Business

Name & Title: _____ Date & Time: 3/30/19
 Your Organization: Upper Moreland Township SD Interviewer: _____
 How many people do you represent? Myself

Step 2: How do you feel about Upper Moreland and Hatboro's Pedestrian and Bike Facilities?

Do you use Upper Moreland and Hatboro's Pedestrian/Bike facilities – trails, bike paths, sidewalks, etc. (check one)?
 Yes No (which do you frequent most? _____)

How happy are you with the facilities (check one)? Very Satisfied Somewhat Satisfied Not Satisfied
 Comments: _____

How do you use the pedestrian and bike facilities (check all that apply)?

<input type="checkbox"/> Walking	<input type="checkbox"/> Nature Viewing	<input type="checkbox"/> Fitness
<input type="checkbox"/> Hiking	<input type="checkbox"/> Birding	<input type="checkbox"/> Other _____
<input type="checkbox"/> Jogging	<input type="checkbox"/> Commuting	
<input type="checkbox"/> Bicycling	<input type="checkbox"/> Traveling	

Step 3: Help us elevate Upper Moreland and Hatboro's Pedestrian and Bicycle Network

What is your relationship to the network? From Spring to Fall I ride my bike on the trails in Horsham

What do you feel about the condition of the network today?
The condition is very good. The trails seem to be kept in good working order. Trash is at a minimum.

Are there elements of the network you would like to change?
It would be great to connect the trails that are already in use in Horsham and Upper Moreland. I

Are there elements of the network you would like to maintain or preserve?
Historical markers and information on nature/wildlife are nice features.



What kind of amenities/destinations/connections do you feel the municipality's need (check all that apply)?

- | | | |
|-----------------------------------------------------------------|-------------------------------------------------------|---------------------------------------|
| <input checked="" type="checkbox"/> Benches | <input type="checkbox"/> Community Resource Links | <input type="checkbox"/> ADA access |
| <input type="checkbox"/> Bathrooms | <input type="checkbox"/> Neighborhood Links | <input type="checkbox"/> Water Access |
| <input type="checkbox"/> Bike Repair Stations | <input type="checkbox"/> Park and Recreation Links | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Lighting | <input type="checkbox"/> Wayfinding Signage | |
| <input checked="" type="checkbox"/> Public Transportation Links | <input type="checkbox"/> Educational Signs and Kiosks | |

What opportunities exist?
 connecting Hatboro and Upper Moreland without going on Roads

What challenges are there?
 Getting under PA Turnpike and Rail lines



Photo Source: Public Domain

Would you like more information on the health benefits of trails (check one)?

- Yes No

Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?
 Work on getting access going under the Rail lines and Highway



Hatboro Borough Website

Please contact Patrick Stasio or Kent Baird with any questions:

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Kent Baird, AICP
 Community Planner
 Gilmore & Associates, Inc.
 kbaird@gilmore-assoc.com / 215-345-4330

What kind of amenities/destinations/connections do you feel the municipality's need (check all that apply)?

- | | | |
|------------------------------------------------------|-------------------------------------------------------|---------------------------------------|
| <input type="checkbox"/> Benches | <input type="checkbox"/> Community Resource Links | <input type="checkbox"/> ADA access |
| <input type="checkbox"/> Bathrooms | <input type="checkbox"/> Neighborhood Links | <input type="checkbox"/> Water Access |
| <input type="checkbox"/> Bike Repair Stations | <input type="checkbox"/> Park and Recreation Links | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Lighting | <input type="checkbox"/> Wayfinding Signage | |
| <input type="checkbox"/> Public Transportation Links | <input type="checkbox"/> Educational Signs and Kiosks | |

What opportunities exist?
Opportunity to improve the health of residents by providing more paths on which to exercise, get outside and enjoy nature. Economic opportunities in the vicinity of the trail may exist that would cater to the people on the trail. The appreciation for nature and for local history may increase.

What challenges are there?
Possible challenges: obtaining the land to build the trail, maintaining the trails/bike paths once they are built, picking up the trash/litter and dog waste along the trail, providing a safe environment along the trail (prevent criminal activity).

Would you like more information on the health benefits of trails (check one)?

- Yes No

Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?
My hope is that the impact of the development/construction of the trail on the natural environment is as minimal as possible. My fear is that the construction will uproot wild animals and disturb the natural passageways of animals.



Photo Source: Public Domain



Hatboro Borough Website

Please contact Patrick Stasio or Kent Baird with any questions:

Patrick Stasio, C.P.R.P.
 Director of Parks and Recreation
 Upper Moreland Township
 117 Park Avenue, Willow Grove, PA 19090

Kent Baird, AICP
 Community Planner
 Gilmore & Associates, Inc.
 kbaird@gilmore-assoc.com / 215-345-4330



Upper Moreland Township & Hatboro Borough Master Trail Plan Stakeholder Interview



Do you take part in pedestrian or bicycle travel, whether it's getting to work, running to the store, or just getting out for the sake of being on a trail? If so, Upper Moreland Township and Hatboro Borough need your help with the evaluation and improvement of our pedestrian and bicycle facilities. Let us know your multi-modal priorities and help us enhance our bike & trail network for the enjoyment of all!

Step 1: Tell us about yourself (circle one): Gov't/Non-Profit Business Resident

Name & Title: _____ Date & Time: 4/10/19
Your Organization: _____ Interviewer: _____
How many people do you represent? myself

Step 2: How do you feel about Upper Moreland and Hatboro's Pedestrian and Bike Facilities?

Do you use Upper Moreland and Hatboro's Pedestrian/Bike facilities - trails, bike paths, sidewalks, etc. (check one)?
 Yes No (which do you frequent most? Hatboro's Sidewalks)

How happy are you with the facilities (check one)? Very Satisfied Somewhat Satisfied Not Satisfied

Comments: wish there were more sidewalks connecting neighborhoods and would like more trails in Hatboro like the Pennypack Trust Trail

How do you use the pedestrian and bike facilities (check all that apply)?

- | | | |
|-----------------------------------------------|-----------------------------------------|---------------------------------------------|
| <input checked="" type="checkbox"/> Walking | <input type="checkbox"/> Nature Viewing | <input checked="" type="checkbox"/> Fitness |
| <input type="checkbox"/> Hiking | <input type="checkbox"/> Birding | <input type="checkbox"/> Other _____ |
| <input checked="" type="checkbox"/> Jogging | <input type="checkbox"/> Commuting | |
| <input checked="" type="checkbox"/> Bicycling | <input type="checkbox"/> Traveling | |

Step 3: Help us elevate Upper Moreland and Hatboro's Pedestrian and Bicycle Network

What is your relationship to the network? Resident who uses it.

What do you feel about the condition of the network today?

I honestly don't know that much about what is currently here. Would like it to be advertised more and would like connected neighboring townships

Are there elements of the network you would like to change?



Upper Moreland Township & Hatboro Borough Master Trail Plan Stakeholder Interview



Do you take part in pedestrian or bicycle travel, whether it's getting to work, running to the store, or just getting out for the sake of being on a trail? If so, Upper Moreland Township and Hatboro Borough need your help with the evaluation and improvement of our pedestrian and bicycle facilities. Let us know your multi-modal priorities and help us enhance our bike & trail network for the enjoyment of all!

Step 1: Tell us about yourself (circle one): Gov't/Non-Profit Business

Name & Title: _____ Date & Time: 3/26/19
Your Organization: myself Interviewer: _____
How many people do you represent? 4

Step 2: How do you feel about Upper Moreland and Hatboro's Pedestrian and Bike Facilities?

Do you use Upper Moreland and Hatboro's Pedestrian/Bike facilities - trails, bike paths, sidewalks, etc. (check one)?
 Yes No (which do you frequent most? Pennypack Trust, Pennypack Trail)

How happy are you with the facilities (check one)? Very Satisfied Somewhat Satisfied Not Satisfied

Comments: The Pennypack Trust Trails along the creek are overdue for maintenance

How do you use the pedestrian and bike facilities (check all that apply)?

- | | | |
|---------------------------------------------|-----------------------------------------|--------------------------------------|
| <input checked="" type="checkbox"/> Walking | <input type="checkbox"/> Nature Viewing | <input type="checkbox"/> Fitness |
| <input type="checkbox"/> Hiking | <input type="checkbox"/> Birding | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Jogging | <input type="checkbox"/> Commuting | |
| <input type="checkbox"/> Bicycling | <input type="checkbox"/> Traveling | |

Step 3: Help us elevate Upper Moreland and Hatboro's Pedestrian and Bicycle Network

What is your relationship to the network? Resident of Upper Moreland

What do you feel about the condition of the network today?

Trails are good. Bicycling on the roads is hazardous

Are there elements of the network you would like to change?

Connect the various elements into an integrated whole. More sidewalks

Are there elements of the network you would like to maintain or preserve?

Maintain the woodlands feels of the trails



What kind of amenities/destinations/connections do you feel the municipality's need (check all that apply)?

- | | | |
|------------------------------------------------------|------------------------------------------------------------------|------------------------------------------------|
| <input checked="" type="checkbox"/> Benches | <input type="checkbox"/> Community Resource Links | <input checked="" type="checkbox"/> ADA access |
| <input checked="" type="checkbox"/> Bathrooms | <input checked="" type="checkbox"/> Neighborhood Links | <input type="checkbox"/> Water Access |
| <input type="checkbox"/> Bike Repair Stations | <input type="checkbox"/> Park and Recreation Links | <input type="checkbox"/> Other _____ |
| <input checked="" type="checkbox"/> Lighting | <input checked="" type="checkbox"/> Wayfinding Signage | |
| <input type="checkbox"/> Public Transportation Links | <input checked="" type="checkbox"/> Educational Signs and Kiosks | |

What opportunities exist?

The opportunity to connect townships together to give people the opportunity to get from one to the other by foot or bike.

What challenges are there?

I'm sure logistics and following township regulations as well as funding would be challenges.



Would you like more information on the health benefits of trails (check one)?

- Yes No

Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?

More publicity and advertising/marketing for the trails. I don't think alot of residents even know they exist. And continued improvement of already existing trails



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Director of Parks and Recreation
Upper Moreland Township
117 Park Avenue, Willow Grove, PA 19090

Kent Baird, AICP
Community Planner
Gilmore & Associates, Inc.
kbaird@gilmore-assoc.com / 215-345-4330

What kind of amenities/destinations/connections do you feel the municipality's need (check all that apply)?

- | | | |
|------------------------------------------------------|---------------------------------------------------------------|---------------------------------------|
| <input type="checkbox"/> Benches | <input type="checkbox"/> Community Resource Links | <input type="checkbox"/> ADA access |
| <input type="checkbox"/> Bathrooms | <input checked="" type="checkbox"/> Neighborhood Links | <input type="checkbox"/> Water Access |
| <input type="checkbox"/> Bike Repair Stations | <input checked="" type="checkbox"/> Park and Recreation Links | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Lighting | <input checked="" type="checkbox"/> Wayfinding Signage | |
| <input type="checkbox"/> Public Transportation Links | <input type="checkbox"/> Educational Signs and Kiosks | |

What opportunities exist?

Connect the Pennypack Trust Trail to the new YMCA being built on Davisville Road. Extend this trail into Hatboro if possible. Complete network of sidewalks to encourage walking

What challenges are there?

Improving access/safety for bicycles on the local roads. I don't see how they can be widened.



Would you like more information on the health benefits of trails (check one)?

- Yes No

Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?



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Upper Moreland Township & Hatboro Borough Master Trail Plan Stakeholder Interview



Do you take part in pedestrian or bicycle travel, whether it's getting to work, running to the store, or just getting out for the sake of being on a trail? If so, Upper Moreland Township and Hatboro Borough need your help with the evaluation and improvement of our pedestrian and bicycle facilities. Let us know your multi-modal priorities and help us enhance our bike & trail network for the enjoyment of all!

Step 1: Tell us about yourself (circle one): Gov't/Non-Profit Business

Name & Title: _____ Date & Time: 9/17/2019

Your Organization: Hatboro Historic Commission-Chamber of Commerce Interviewer: _____

How many people do you represent? 500

Step 2: How do you feel about Upper Moreland and Hatboro's Pedestrian and Bike Facilities?

Do you use Upper Moreland and Hatboro's Pedestrian/Bike facilities – trails, bike paths, sidewalks, etc. (check one)?
 Yes No (which do you frequent most? Memorial and Eaton Park)

How happy are you with the facilities (check one)? Very Satisfied Somewhat Satisfied Not Satisfied

Comments: _____

How do you use the pedestrian and bike facilities (check all that apply)?

<input type="checkbox"/> Walking	<input type="checkbox"/> Nature Viewing	<input type="checkbox"/> Fitness
<input type="checkbox"/> Hiking	<input type="checkbox"/> Birding	<input type="checkbox"/> Other _____
<input type="checkbox"/> Jogging	<input type="checkbox"/> Commuting	
<input type="checkbox"/> Bicycling	<input type="checkbox"/> Traveling	

Step 3: Help us elevate Upper Moreland and Hatboro's Pedestrian and Bicycle Network

What is your relationship to the network? User

What do you feel about the condition of the network today?
Needs more information and signage

Are there elements of the network you would like to change?
additional signage, guide posts

Are there elements of the network you would like to maintain or preserve?



Upper Moreland Township & Hatboro Borough Master Trail Plan Stakeholder Interview



Do you take part in pedestrian or bicycle travel, whether it's getting to work, running to the store, or just getting out for the sake of being on a trail? If so, Upper Moreland Township and Hatboro Borough need your help with the evaluation and improvement of our pedestrian and bicycle facilities. Let us know your multi-modal priorities and help us enhance our bike & trail network for the enjoyment of all!

Step 1: Tell us about yourself (circle one): Gov't/Non-Profit Business

Name & Title: _____ Date & Time: 9/18/19

Your Organization: Upper Moreland Township School District Interviewer: _____

How many people do you represent? _____

Step 2: How do you feel about Upper Moreland and Hatboro's Pedestrian and Bike Facilities?

Do you use Upper Moreland and Hatboro's Pedestrian/Bike facilities – trails, bike paths, sidewalks, etc. (check one)?
 Yes No (which do you frequent most? _____)

How happy are you with the facilities (check one)? Very Satisfied Somewhat Satisfied Not Satisfied

Comments: We are unfamiliar with the "network".

How do you use the pedestrian and bike facilities (check all that apply)?

<input type="checkbox"/> Walking	<input type="checkbox"/> Nature Viewing	<input type="checkbox"/> Fitness
<input type="checkbox"/> Hiking	<input type="checkbox"/> Birding	<input type="checkbox"/> Other _____
<input type="checkbox"/> Jogging	<input type="checkbox"/> Commuting	
<input type="checkbox"/> Bicycling	<input type="checkbox"/> Traveling	

Step 3: Help us elevate Upper Moreland and Hatboro's Pedestrian and Bicycle Network

What is your relationship to the network? Supporting our community's students, families and staff.

What do you feel about the condition of the network today?

Are there elements of the network you would like to change?
How does this network connect to our students?

Are there elements of the network you would like to maintain or preserve?



What kind of amenities/destinations/connections do you feel the municipality's need (check all that apply)?

- | | | |
|------------------------------------------------------|-------------------------------------------------------|---------------------------------------|
| <input type="checkbox"/> Benches | <input type="checkbox"/> Community Resource Links | <input type="checkbox"/> ADA access |
| <input type="checkbox"/> Bathrooms | <input type="checkbox"/> Neighborhood Links | <input type="checkbox"/> Water Access |
| <input type="checkbox"/> Bike Repair Stations | <input type="checkbox"/> Park and Recreation Links | <input type="checkbox"/> Other _____ |
| <input type="checkbox"/> Lighting | <input type="checkbox"/> Wayfinding Signage | |
| <input type="checkbox"/> Public Transportation Links | <input type="checkbox"/> Educational Signs and Kiosks | |

What opportunities exist?
Community involvement-Scouting projects, youth education, fitness promotion, nature and environmental education

What challenges are there?
Budget, leadership, ownership and on going management



Would you like more information on the health benefits of trails (check one)?

- Yes No

Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?
If we build it, they will come!



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Upper Moreland Township
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Kent Baird, AICP
Community Planner
Gilmore & Associates, Inc.
kbaird@gilmore-assoc.com / 215-345-4330

What kind of amenities/destinations/connections do you feel the municipality's need (check all that apply)?

- | | | |
|-----------------------------------------------------------------|------------------------------------------------------------------|--------------------------------------------------|
| <input checked="" type="checkbox"/> Benches | <input checked="" type="checkbox"/> Community Resource Links | <input checked="" type="checkbox"/> ADA access |
| <input checked="" type="checkbox"/> Bathrooms | <input checked="" type="checkbox"/> Neighborhood Links | <input checked="" type="checkbox"/> Water Access |
| <input checked="" type="checkbox"/> Bike Repair Stations | <input checked="" type="checkbox"/> Park and Recreation Links | <input type="checkbox"/> Other _____ |
| <input checked="" type="checkbox"/> Lighting | <input checked="" type="checkbox"/> Wayfinding Signage | |
| <input checked="" type="checkbox"/> Public Transportation Links | <input checked="" type="checkbox"/> Educational Signs and Kiosks | |

What opportunities exist?

What challenges are there?



Would you like more information on the health benefits of trails (check one)?

- Yes No

Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?

How can we learn more about these amenities and how we can connect students and staff? Is there some elements that would connect with our health and PE program? Is there elements that could support students clubs at our middle and high school? Is there opportunities for internships and shadowing of those that are planning and supporting this initiative for our high school students?



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Upper Moreland Township-Hatboro Borough Master Trail Plan

Full Stakeholder Responses

How happy are you with the facilities (Check one)?

- Comments:
- Cycling and walking along many portions of UMT are not enabled by certain roads & bridges
 - The Pennypack Trust Trails along the creek are overdue for maintenance
 - Would like to see connection from the towns to the rail trail
 - Wish there were more sidewalks (connecting neighborhoods and would like more trails in Hatboro like the Pennypack Trust Trail)
 - Not sure if there is a coordinated trail network in those 2 communities
 - Suburb walkability and bike friendly trails and lanes are spotty are best
 - There is no safe way to get from Hatboro to the Pennypack Trail
 - It is not perfect, but we have worked very hard to get sidewalks fixed. Still have more to do.

What is your relationship to the network?

- Resident, trail guide, nature educator
- From Spring to Fall I ride my bike on the trails in Horsham and Upper Moreland. I walk year round throughout Hatboro with my dog. Throughout the year, I walk the Pennypack trail to enjoy nature.
- Resident of Upper Moreland
- I am a frequent user
- Resident who uses it
- There is no existing network
- Partner with upper moreland township; historic preservation
- User
- I ride around and through Hatboro
- Borough Manager and resident
- resident

What do you feel about the condition of the network today?

- Multimodal transit is quite good within urban cores in Willow Grove and Hatboro. Making connections outside of those dense regions needs improvement.
- The condition is very good. The trails seem to be kept in good working order. Trash is at a minimum along Pennypack trail and Powerline Trail.
- I would like to see it better connected so I would not have to bike at main roads
- I honestly don't know that much about what is currently here. Would like to be advertised more and would like to be connected neighboring townships.
- We are very much just starting a network
- Much improvement in connectivity between recreation and natural lands; difficult task to achieve
- Needs more information and signage
- I didn't know there was a network?
- Need dedicated bicycle lanes in Hatboro
- Could be improved

Are there elements of the network you would like to change?

- I would like to see shared rows and extra width outside the white lines for non-motorists.
- I would like to see connections to other county and regional systems such as greater connection from UMT to the county trail.
- It would be great to connect the trails that are already in use in Horsham and Upper Moreland. I have discovered my own connections between the trails by riding through neighborhoods/on the streets but it would be nice to have a designated trail to ride/walk on.
- Trails are good. Bicycling on the roads is hazardous
- Connect the various elements into an integrated whole. More sidewalks.
- Better connections between the different trails
- Public and private collaboration to improve gaps in walkability between municipalities; too car-centric
- Additional signage, guide posts
- More notification of the network
- Try to connect the existing trails together

Upper Moreland Township-Hatboro Borough Master Trail Plan

Full Stakeholder Responses *cont.*

Are there elements of the network you would like to maintain or preserve?

Historical markers and information on nature/wildlife are nice features.

Maintain the woodlands feels of the trails

The rail trail and other trails

We are blessed with the Trust and now the Pennypack Trail

yes...all of it

Safety aspects

Pennypack system

What Opportunities Exist?

We have a growing network that is just about to reach critical mass. Finding the right pressure-points can really magnify trail use.

Opportunity to improve the health of residents by providing more paths on which to exercise, get outside and enjoy nature. Economic opportunities in the vicinity of the trail may exist that would cater to the people on the trail. The appreciation for nature and for local history may increase.

Connect the Pennypack Trust Trail to the new YMCA being built on Davidville Road. Extend this trail into Hatboro if possible. Complete network of sidewalks to encourage walking.

The Hatboro Parks for a quick workout. And I am able to get to other parks by bike

The opportunity to connect townships together to give people the opportunity to get from one to the other by feet or bike.

If cross-county trail will be a reality, the local trail network into it, connect existing parks

Rethinking economic dev opportunities as it relates to increasing trails and biking access in the area

Community involvement-Scouting projects, youth education, fitness promotion, nature and environmental education

We have a lot of areas that can connect and many nice parks

connecting Hatboro and Upper Moreland without going on Roads

What challenges are there?

Lack of control and cooperation with state agencies. PennDOT has not been open to conversation about multimodal needs.

Possible challenges: obtaining the land to build the trail. Maintaining the trails/bike paths once they are built, picking up the trash.litter and dog waste along the trail, providing a safe environment along the trail (prevent criminal activity).

Improving access/safety for bicycles on the local roads. I don't see how they can be widened.

The biggest challenge is main very busy roads and extreme traffic.

Other. Parking on the streets creates a lot of problems.

I'm sure logistics and following township regulations as well as funding would be challenges.

Creating/preserving natural lands in the area

Budget, leadership, ownership and on going management

Need more ADA parks in Hatboro

Getting under PA Turnpike and Rail lines

Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?

My hope is that the impact of the development/construction of the trail on the natural environment is as minimal as possible. My fear is that the construction will uproot wild animals and disturb the natural passageways of animals.

I would like to see the Hatboro and the Pennypack trail connected in a way that people could bike there without dealing with a lot of traffic.

The borough needs to fix the sidewalk gaps in town. Which includes. (York Rd after the Y, Park of warmister, The other half horsham road, park of byberry road.)

More publicity and advertising/marketing for the trails. I don't think a lot of residents even know they exist. And continued improvement at already existing trails.

This is an exciting project connecting existing parks, neighborhoods to commercial areas will transform the community. Happy to be part of it.

If we build it, they will come!

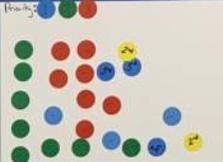
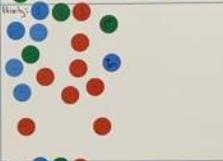
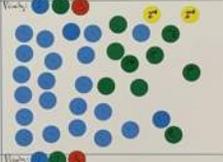
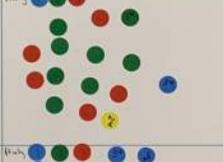
Looking forward to the results of the study and hoping to implement to make Hatboro more pedestrian friendly

Work on getting access going under the Rail lines and Highway

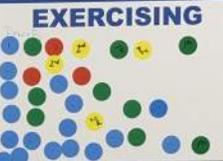
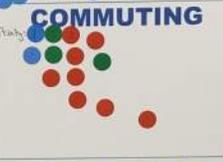
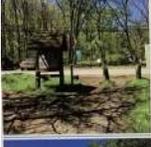
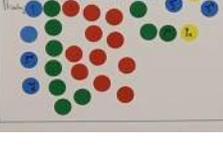
Public Meetings



Where Do You Really Want To Go?

	SHOPPING & DOWNTOWN	
	WORK & SCHOOL	
	PARKS, RECREATION, & REGIONAL TRAILS	
	TRAIN, BUS, OR CARPOOL STOPS	
	OTHER NEIGHBORHOODS	

Describe The Trails You Use Now

	WALKING, RUNNING, RIDING, ROLLING	
	GETTING TO WORK	
	HIKING, NATURE VIEWING, FISHING, & KAYAKING	
	ON THE ROAD LEISURE RIDING MOUNTAIN BIKING	
	DOWNTOWN SITE SEEING, DOG WALKING, SOCIALIZING	



IN-HOUSE MEMORANDUM

Date: May 8, 2019

To: Patrick Stasio, Director of Parks & Recreation, Upper Moreland Twp.

From: Kent Baird, AICP, Community Planner
Doug Maisey, CT&Co Planner

CC: Robert Thomas, AIA, CT&Co
Elizabeth Rosencrans, G&A Junior Planner

Reference: Upper Moreland Township–Hatboro Borough Master Trail Plan
Public Meeting #1—Minutes

Summary

The first Public Meeting for the Upper Moreland Township-Hatboro Borough Master Trail Plan was held at 7:00PM on Wednesday, May 8, 2019 at the Upper Moreland Township Building, to introduce the plan, share background research and goals, and gather public input from the general public. There were 60 community members in attendance from Hatboro Borough and Upper Moreland Township.

Meeting Minutes

Meeting led by Patrick Stasio and Gilmore and Associates & Campbell Thomas & Co.

- I. Sign in Sheet, Agenda, and Questions were available for attendees at the door.
- II. Introductions
 1. Patrick Stasio began the meeting with a few words to discuss the planning purpose, thank the funding sources at DVRPC, discuss the project meeting schedule, and introduce the consulting team.
 2. Kent Baird thanked everyone for coming and went over a brief agenda for the meeting, which included a Power Point presentation, public workshop, and period for general questions.
- III. Power Point Presentation

1. Kent Baird shared a presentation to briefly introduce the project team and experience, discuss benefits of trails, share early goals and objectives, and discuss existing conditions and potential solutions. Kent also discussed many of the barriers to walking and biking that exist as well as opportunities for improving connectivity. Key points included:
 - i. Benefits of Trails: National studies have proven the development of trails lead to benefits in health, economic development, real estate, and overall sense of place.
 - ii. Early goals will evolve through the study. Information gathered through these public meetings will help to guide and refine the final goals of the plan. These goals should be bold, specific and implementable.
 - iii. Existing Conditions: The project team has developed base mapping, researched existing plans and demographic data, explored the field, and worked closely with the Steering Committee to get a general understanding of the existing conditions. During the workshop portion of the public meeting, we hope to gather additional information on existing conditions, barriers, and areas of concern. Troublesome intersections and connections that are lacking should be identified.
 - iv. Existing conditions include incomplete sidewalks, missing sidewalks, lacking bicycle facilities, missing connections. It is obvious that the priorities of pedestrians and cyclists are in constant competition with the priorities of the automobile. Major barriers exist within the community. The PA Turnpike and Railroad corridor create a major divide between Hatboro and Upper Moreland. A safe and inviting walking/biking corridor to connect the two sides of this community seems elusive, but the study will prove.
 - v. Numerous opportunities exist to connect downtown resources and residential communities with trails, parks, public transportation, schools, and local shops. Developing connections between these resources will be a key goal of this plan.

IV. General Questions following the presentation:

1. What are the quantitative/qualitative measures of success for this project?
 - i. Implementable projects that are made as recommendations from this plan are key. Goals should have a shared vision, be bold, and action oriented.

2. Will there be a final document?
 - i. Yes. The final document will be a working document that will look to meet the needs for the community. It will be inclusive and representative of all neighborhoods, backgrounds, and abilities. By working with the community through all stages of the planning process we aim to develop planning recommendations that meet the goals of the community.
 - ii. The final recommendations will look at project phasing. Priority items will look to benefit the community in the short term and promote continued implementation of the plan.
3. Are all trails built by private engineers or is there an opportunity for local citizen volunteers to get involved? As a community with numerous expertise and skills, we have a lot to offer.
 - i. There are definitely opportunities for volunteers to get involved in planning and development. Public meetings are the first step in gathering information from the community. Trail tender volunteer programs are also critical in helping to develop trails and ongoing maintenance.
4. As a proponent of the Mason Mill Trail and Schuylkill River Trail, I'm very excited by this plan. I was also unaware of the 16 other plans in the community. Are we able to get copies of these?
 - i. These plans are all accessible to the public today. Patrick Stasio offered his card to those interested in receiving direct links to the plan.
5. Do you already have easements/right-of-way for the trails?
 - i. This is still the very beginning of the planning process, so there is no alignment designation or right-of-way at this time. Following the study, certain recommendations may require land-owner discussion/negotiation.
6. Are most trails located on rail-beds?
 - i. Not necessarily. Railroads often offer opportunities for trail alignments, but there are numerous other trail types.
7. As a local resident who lives within 2 miles of Mason Mill Park, there is no easy connection for walking/biking. My priority for this study would be to improve the walking/biking connections along Davisville Rd./Byberry Rd.

- i. Pat and Kent thanked the public meeting attendees and asked that any connections/recommended corridors be marked on the maps during our breakout workshop session.

V. Public Workshop:

1. The workshop session included:

- i. A questionnaire (also available online)
- ii. Large base maps to be marked with key destinations, connections, barriers, or other recommendations
- iii. Priority sticker boards for attendees to identify the top three priorities regarding where residents use trails currently, and where they would especially like them.

The Meeting was adjourned around 8:45PM



GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES

Please Sign In
Public Meeting
Date: May 8, 2019

Name	Affiliation	E-mail
Kent Baird	Gilmore + Assoc.	kbaird@gilmore-assoc.com
DAVE BROWN	VAULT FORGE BIKE PATROL	OCMDBREEZE@ADL.COM
Alan Trachtenberg	Resident	ptrachtenberg@ymail.com
Lisa Seales	Resident	SEALES@COMCAST.NET
Mark Rossi	Resident	ROSSI.MARK@KSN.com
Mike Terrell	Resident	terrell36@gmail.com
Jim McKay	UMTS	JMCKAY1193@gmail.com
John DeLong	UMTOWNSHIP	JNDVETTE350@VERIZON.net
Art Klotz	UM Twp	aklotz8509@verizon.net
Jeff Tompkins	UM Resident	JeffTompkins214@gmail.com
Muriel Lange	2325 Terwood Pl	Upper Merion Top
Paul Lange	Lange16@comcast.net Willow Grove	lange2@comcast.net
Bill MARQUIS	527 Sampson Ave	ROSEYBIKE@ADL.COM
Jesse Rudgwas	251 Ellis Rd Willow Grove	JRudgwas@gmail.com
MARY T. Medoro	UMTWP. Resident	Medoro89@netscape.net
Danielle Swider	Resident	dani-swider@gmail.com

BUILDING ON A FOUNDATION OF EXCELLENCE



GILMORE & ASSOCIATES, INC.
ENGINEERING & CONSULTING SERVICES

**Please Sign In
Public Meeting**

Date: _____

Name	Affiliation	E-mail
Annamarie Mangin	Resident	anfmangin2@gmail.com
Jim McKinley	Park & Rec.	Jimmckinley@aol.com
MICHAEL BALOT	RESIDENT	skaterent@aol.com
Ric Barzman	"	
Edward Roussel	Boyscout	Edwardroussel3.1415@gmail.com
Donna Fabry	Montco Planning Comsn	dfabry@montcopa.org
PAUL MCCARTHY	Resident	paul.mccarthy1975@yahoo.com
Gary Cohen	Resident	gac7903@yahoo.com
Maribeth Ronan		maribethronan@yahoo.com
ANTHONY PROUSE	RESIDENT	ANTPROUSE@GMAIL.COM
CHRIS MENDEL	PERT	cmendel@paypack.com
Patry Gilmore	Library	cgilmore@netline.org
Brenda Hoffman	Resident	hoffmanbw81@gmail.com
Josh Prosceno	Resident	jprosceno@gmail.com
Louis Rymalowicz	Resident	
Sandy Madonna	Resident	madonna656@gmail.com
Steve Sororan	RESIDENT	SJS@COMCAST.NET

BUILDING ON A FOUNDATION OF EXCELLENCE

SIGN-IN SHEET

CT & C

Project:

Date: _____ Meeting #: _____

Campbell Thomas & Co.—1504 South Street—Philadelphia PA 19146-1636
 Tel: 215-545-1076—Fax: 267-336-0209—Email: rthomas@campbellthomas.com
 Architecture ❖ Preservation ❖ Community and Transportation Planning

	NAME / ADDRESS	ORGANIZATION	TELEPHONE # <i>(if not already given)</i>	EMAIL <i>(if not already given)</i>
1	Mary Meister	PRAC	215-275-3978	
2	Frankie Calta	SELF		
3	EDCARENZO	RESIDENT	215-994-0635	
4	KAREN HOUCK	RESIDENT	215-706-0535	
5	Elle Anzinger	HARBOR COUNCIL		
6	Gary Chandelan	HARBOR COUNCIL		
7	Mike Garganah	PRAC	215-605-9211	
8	Mike & Rose Moore			
9	MAURICE STELLINS		215-292-6221	
10	Nick Scall	UM Township	215-657-6794	
11	KIP McFATRIDGE	UM TWP	215-858-4236	
12	Robert Shullerman	Resident	267-679-7682	
13	Non Sanez	PRAC	215-605-7594	
14	CHERYL DOCKARD	UM TWP	215-990-0945	
15	Katie Kollar	Harbors Resident / UM Twp. Employee	267-288-1040	kkollar@uppermoreland.org
16	Chris Gilmgn	UM	215-593-6550	eaagle418.96@gmail.com
17	Meg Holscher	PRAC	646-483-9116	rthomas@campbellthomas.com
18	Bob Thomas	CT&C		dmaisey@campbellthomas.com
19	Douglas Maisey	CT&C	215 720 5107	



Upper Moreland
Township



Hatboro
Borough

A Master Trail Plan

For a Safe and Enjoyable Pedestrian & Bicycle Network



Public Meeting

Hatboro Borough Hall

Wednesday, September 18th @ 7:00PM

Upper Moreland Township and Hatboro Borough partnered for the planning, design, and implementation of a safe and enjoyable pedestrian and bicycle trail network to connect residents and visitors to local and regional parks, trails, transportation networks and the businesses of both downtowns.

Please join us for our second Public Meeting to learn about the project and discuss your thoughts. This trail network and safe connections are for you and your family, so please come and share your suggestions and ideas!



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&C



IN-HOUSE MEMORANDUM

Date: September 26, 2019

To: Patrick Stasio, Director of Parks & Recreation, Upper Moreland Twp.

From: Kent Baird, AICP, Community Planner
Elizabeth Rosencrans, Junior Planner

CC: Robert Thomas, AIA, CT&Co
Doug Maisey, CT&Co Planner
Harry Murray, CT&Co Planner

Reference: Upper Moreland Township–Hatboro Borough Master Trail Plan
Public Meeting #2—Minutes

Summary

The second Public Meeting for the Upper Moreland Township-Hatboro Borough Master Trail Plan was held at 7:00PM on Wednesday, September 18, 2019 at Hatboro Borough Hall, to introduce the plan, share background research and goals, present initial alignments and gather public input from the general public. There were 16 community members in attendance from Hatboro Borough and Upper Moreland Township.

Meeting Minutes

Meeting led by Kent Baird of Gilmore and Associates & Campbell Thomas & Co.

- I. Sign in Sheet and Agenda were available for attendees at the door.
- II. Introductions
 1. Kent Baird began the meeting by thanking everyone for coming and introduced the team. Baird followed with a review of a brief agenda for the meeting, which included a Power Point presentation, public workshop, and period for general questions.
- III. Power Point Presentation
 1. Kent Baird shared a presentation to introduce the project team and experience, discuss benefits of trails, early goals and objectives, discuss

existing conditions and potential solutions, and share early alignments. Kent also discussed many of the barriers to walking and biking that exist as well as opportunities for improving connectivity. Key points included:

- i. Benefits of Trails: National studies have proven the development of trails lead to benefits in health, economic development, real estate, and overall sense of place.
- ii. Trail Trends: Shifting trends in trail users, destinations and spending habits that promote local economic development.
- iii. Early goals will evolve through the study. Information gathered through public meetings help to guide and refine the final goals of the plan. These goals should be bold, specific and implementable.
- iv. Plan Status: The project team has developed base mapping, researched existing plans and demographic data, explored the study area, and worked closely with the Steering Committee to get a general understanding of the existing conditions. During the workshop portion of the public meeting, additional information will be gathered regarding existing conditions, barriers, and areas of concern. Troublesome intersections and connections that are lacking should be identified.
 1. The team, the committee and previous public meeting attendees identified existing conditions include incomplete sidewalks, missing sidewalks, lacking bicycle facilities, missing connections. Attendees and stakeholder interviews reiterate/add that the pedestrians and cyclists are in constant competition with the priorities of the automobile. Major barriers exist within the community. The PA Turnpike and Railroad corridor create a major divide between Hatboro and Upper Moreland. A safe and inviting walking/biking corridor to connect the two sides of this community is needed.
- v. Partnerships: Stakeholders continue to add their trail comments and develop potential partnerships for trail location and construction.
- vi. Early Alignments: Numerous opportunities exist to connect downtown resources and residential communities with trails, parks, public transportation, schools, and local shops. Developing connections between these resources will be a key goal of this plan. Early alignments to connect priority destinations and overcome barriers were shared via the presentation.

IV. General Questions and Comments following the presentation:

1. Hatboro Borough recently met with PECO to discuss moving the utility poles, on York Road, that obstruct the sidewalk.
2. Attendees discussed and agreed early trail alignments can be utilized while preferred alignments are pursued.
3. Does the trail use any private land?
 - i. Alignments are determined along public right-of-ways wherever possible. Few if any of proposed alignments will cut directly through private land, but some routes may require landowner coordination to expand the right-of-way for example. The trail should celebrate the open spaces and natural habitats in both communities and try to plan an alignment that benefits these areas, not divide them.
4. Do we need connections to schools if the number of students connected to said school is low in comparison? (in reference to Pennypack Elementary)
 - i. When we look to connect residents to a school, it's not just for the school students, though they are an important reason, but it's to develop a useful connection that can provide residents with a walking route for health benefits and tie them into a larger network that schools may be connected to. Safe Routes To School is a very helpful funding source that can help develop these routes that will provide benefits for all residents, not just school students.
5. Chris Mendel of the Pennypack Ecological Restoration Trust asked if the Pennypack could be contacted in addition to the stakeholder interview questionnaire completed, to share the future vision in relation to the plan
 - i. Liz Rosencrans reminded Chris and others of the Steering Committee, to continue sharing feedback, and that the Pennypack should be, and is always welcome to continue, sharing their vision during any committee meetings, emails, phone calls, and via the Stakeholder Interview Questionnaire form completed earlier in the plans development. While recognized as Stakeholders, members of the Steering Committee are in a unique position to share their visions and preferences throughout the planning process via our meetings, and are not limited to a single interview like other Stakeholders.

V. Public Workshop:

1. The workshop session included:
 - i. A questionnaire (also available online)

- ii. Large base map to be marked with key destinations, connections, barriers, or other recommendations
- iii. Priority sticker boards for attendees to identify the top three priorities regarding where residents use trails currently, and where they would especially like them.

The Meeting was adjourned around 9 PM



Please Sign In
Public Meeting Meeting

Date: 09/18/19

Name	Affiliation	E-mail
Liz Rosenkrans	GIA	erosencrans@gilmore- assoc.com
CHRIS MENDEL	PENNYPACK TRUST	cmendel@pennypack trust.org
Meg Holscher	UM PRAC	Meg.s.holscher@gmail.com
Kent Baird	GIA	Kbaird@gilmore- assoc.com
Gay Chahal	YUCCA	gchahal@phila yucca.org
Adam Brangs	Circle cycle	
Doris Lloyd	Hatboro Res.	dellloyd@yahoo.com
FRANK CALTER	UM	frankcalter@gmail.com
Jeff Tompkins	UM	Jefftompkins214@gmail.com
Kathy Gleason	UM	Kgleason013@ gmail.com
Lois DeLong	UM	JNOUETTE350@ VERIZON.net
ROBERT P THOMAS	CAMPBELL THOMAS & CO	rthomas@campbellthomas.com
HARRY S. MURRAY	"	HSM@sol.com
Chloe Mohr	Montgomery Co Planning Com	cmohr@montcopa.org
Claire Warner	Montgomery Co. Planning Com	cwarner@montcopa.org
Diane Hegele	Hatboro	dhegele@hatborogov. org



Upper Moreland Township-Hatboro Borough Master Trail Plan

Public Meeting Findings



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Public Meetings

Two public meetings were held for the joint municipal plan including, a public meeting and workshop on 5/8/2019 at the Upper Moreland Township Building, and a second public meeting and workshop on 9/18/2019 at Hatboro Borough Hall. The meetings introduced residents to the project team, shared the goals and expected outcome of the plan, welcomed discussion of opportunities and constraints, and shared initial network alignments. Residents shared their thoughts on the existing and future pedestrian and bicycle facilities through surveys, interactive display boards, and mapping activities.

Attendance



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ENGINEERING & CONSULTING SERVICES

Please Sign In Public Meeting
Date: May 8, 2019

Name	Attention	Email
Kent Baird	Gilmore Assoc	kbaird@gilmore.com
Dave Brown	...	...
Ann Trubbing	...	...
Mark Ross	...	...
Mike Small	...	...
Tim McKey	UMTS	tim@umts.com
Samuel Debus	UMTS	...
Art Kirtz	UMTS	...
Jeff Tompkins	UMTS	...
Michael Lavigne	...	...
Paul Lavigne	...	...
Bill Marquis	...	...
Jose Rodriguez	...	...
Mark T. Madala	...	...
Donald Sander	...	...

CT & C

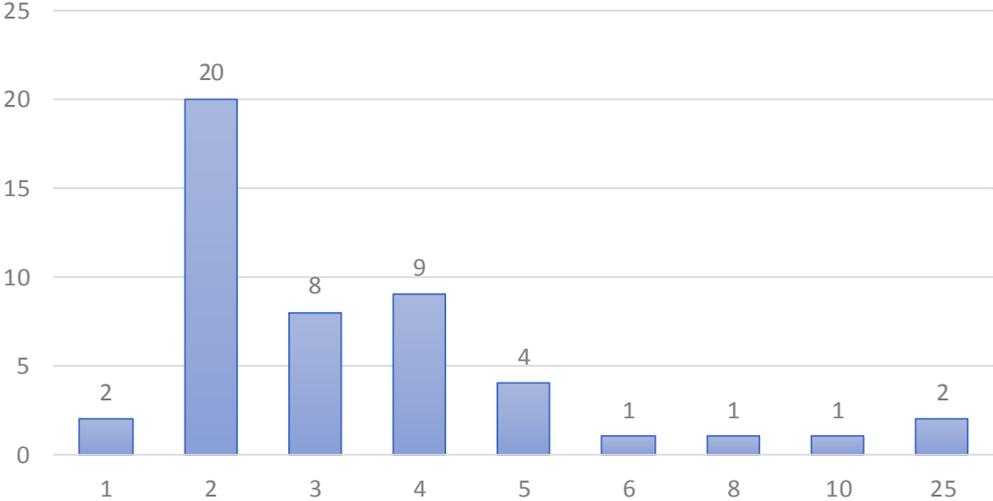
1 in Meeting



76 Community Members Attended in Total!

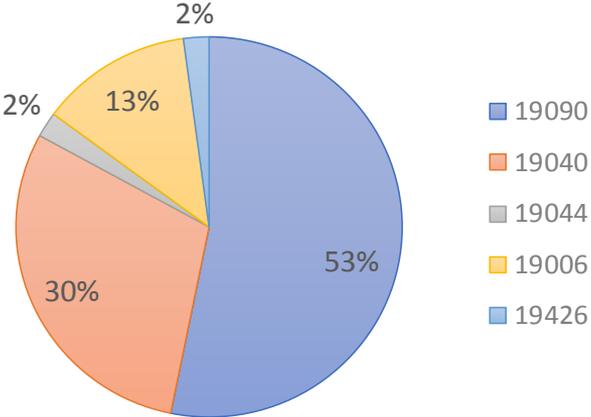
Survey Results

Household/Business Size



Majority 2-4 person households

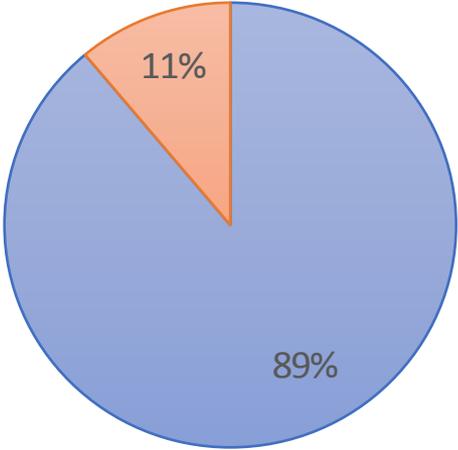
ZIP CODES



- #1. Collegeville
- #2. Hatboro
- #3. Huntingdon Valley

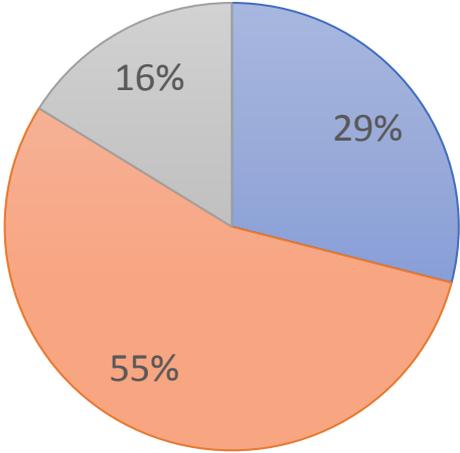
Survey Results

Do you use Upper Moreland and Hatboro's Pedestrian/Bike facilities?



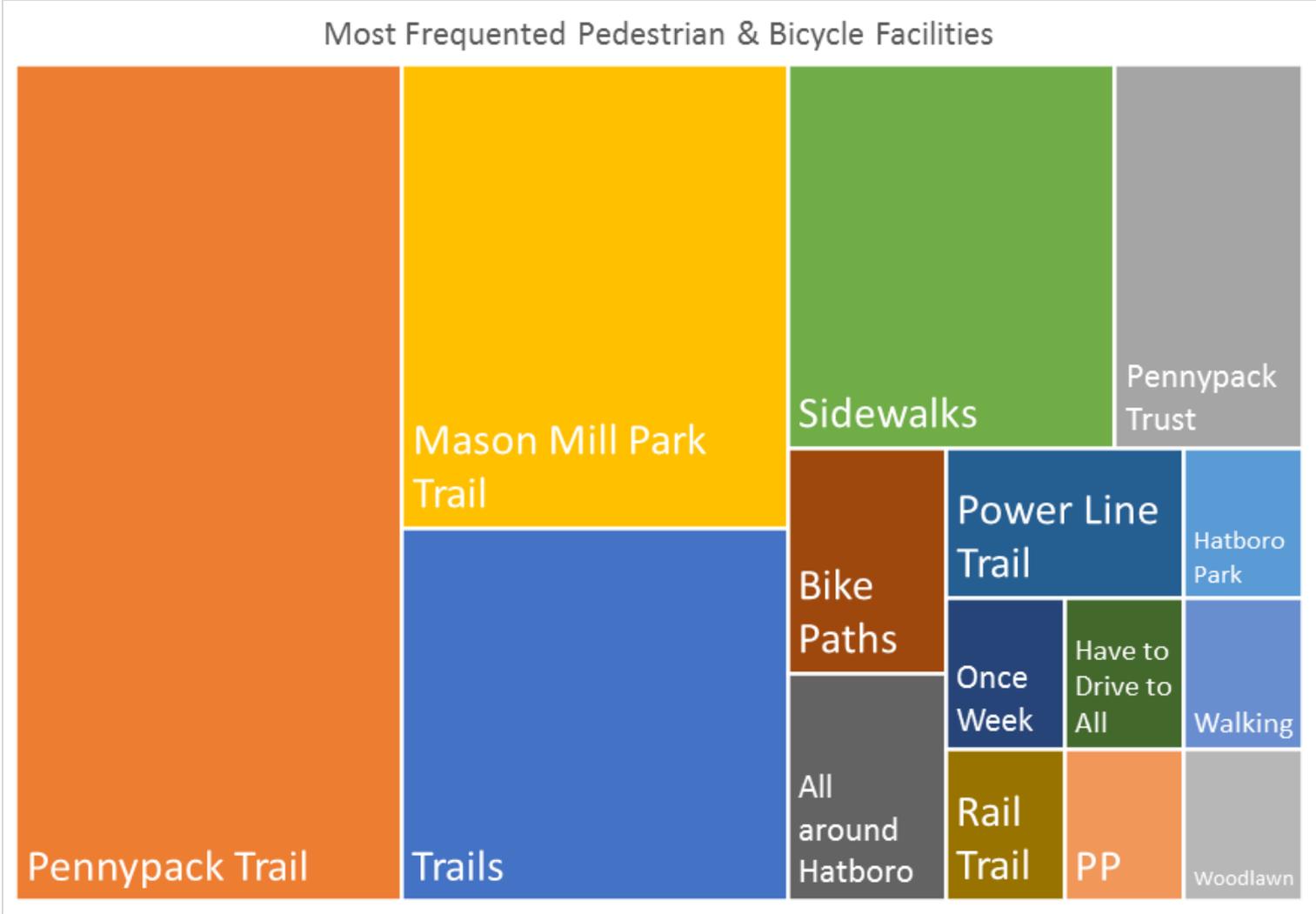
■ Yes ■ No

Satisfaction With Existing Facilities



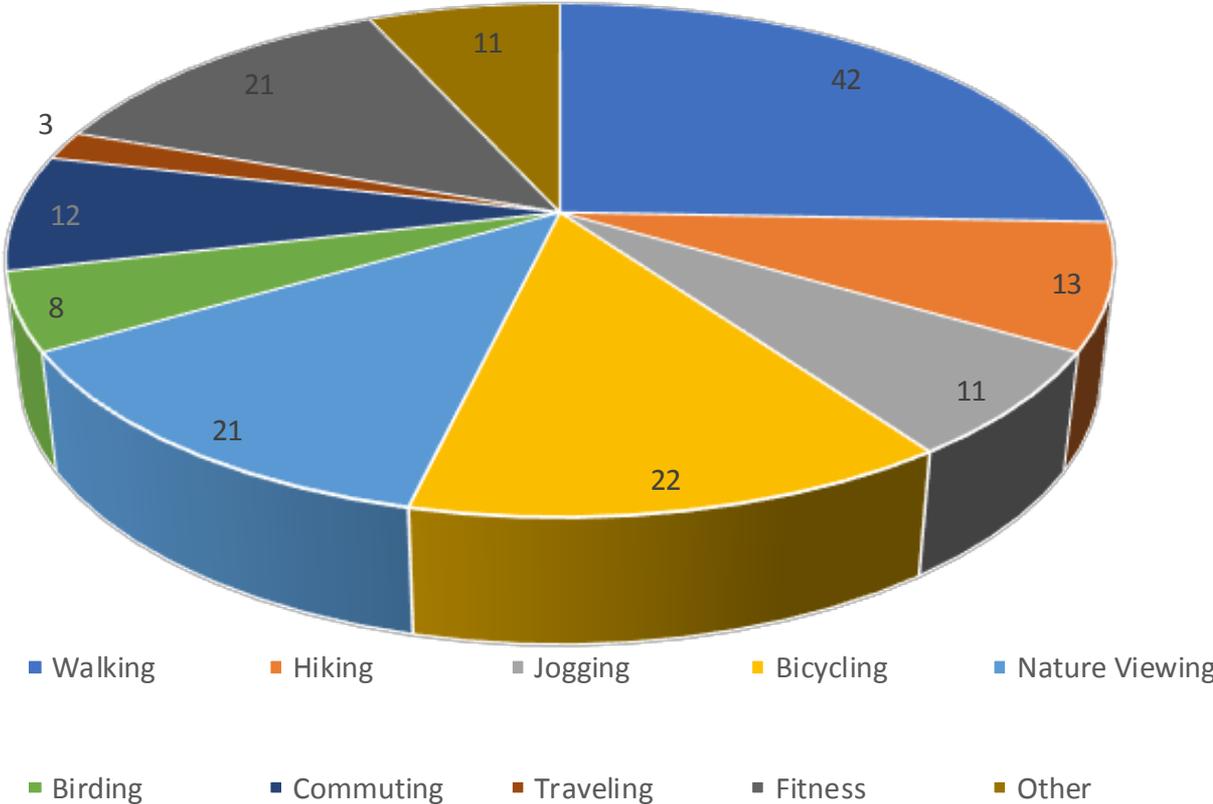
■ Very Satisfied
■ Somewhat Satisfied
■ Not Satisfied

Survey Results



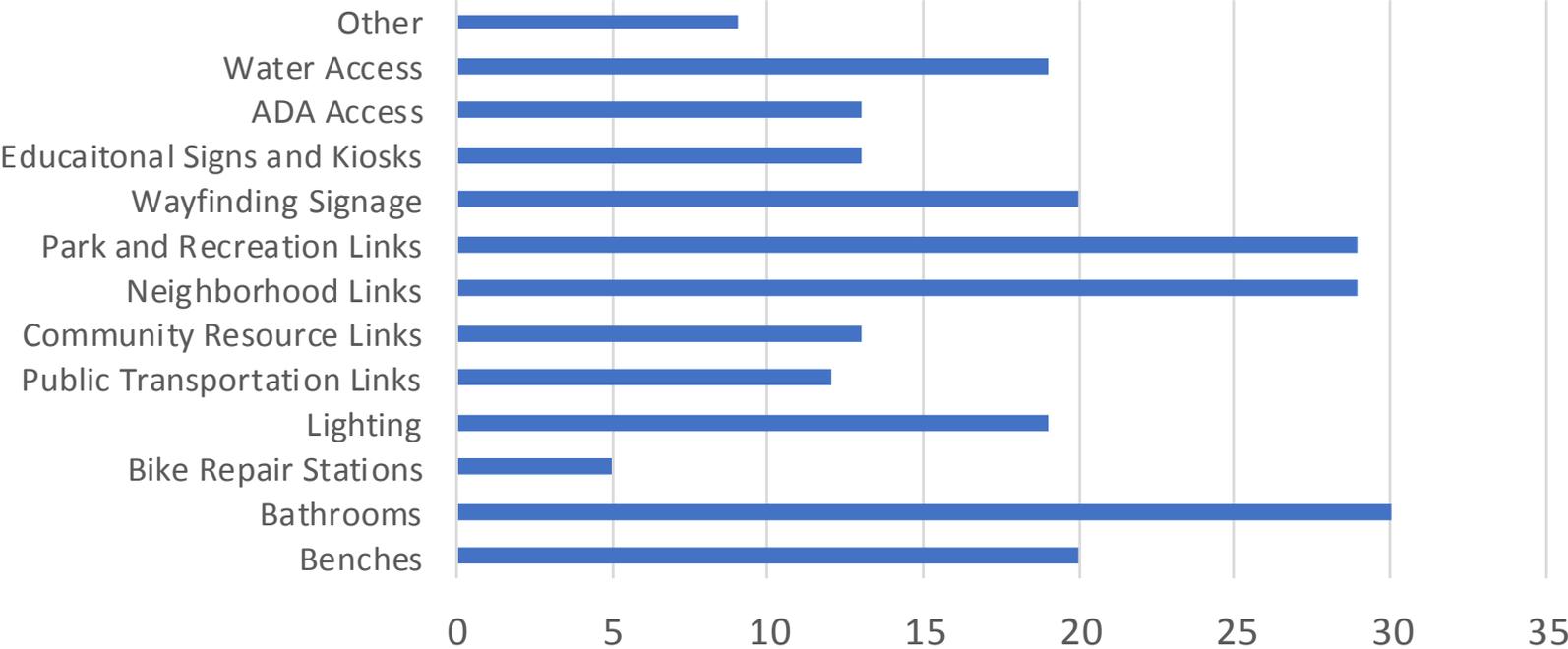
Survey Results

How do you use the pedestrian and bike facilities?



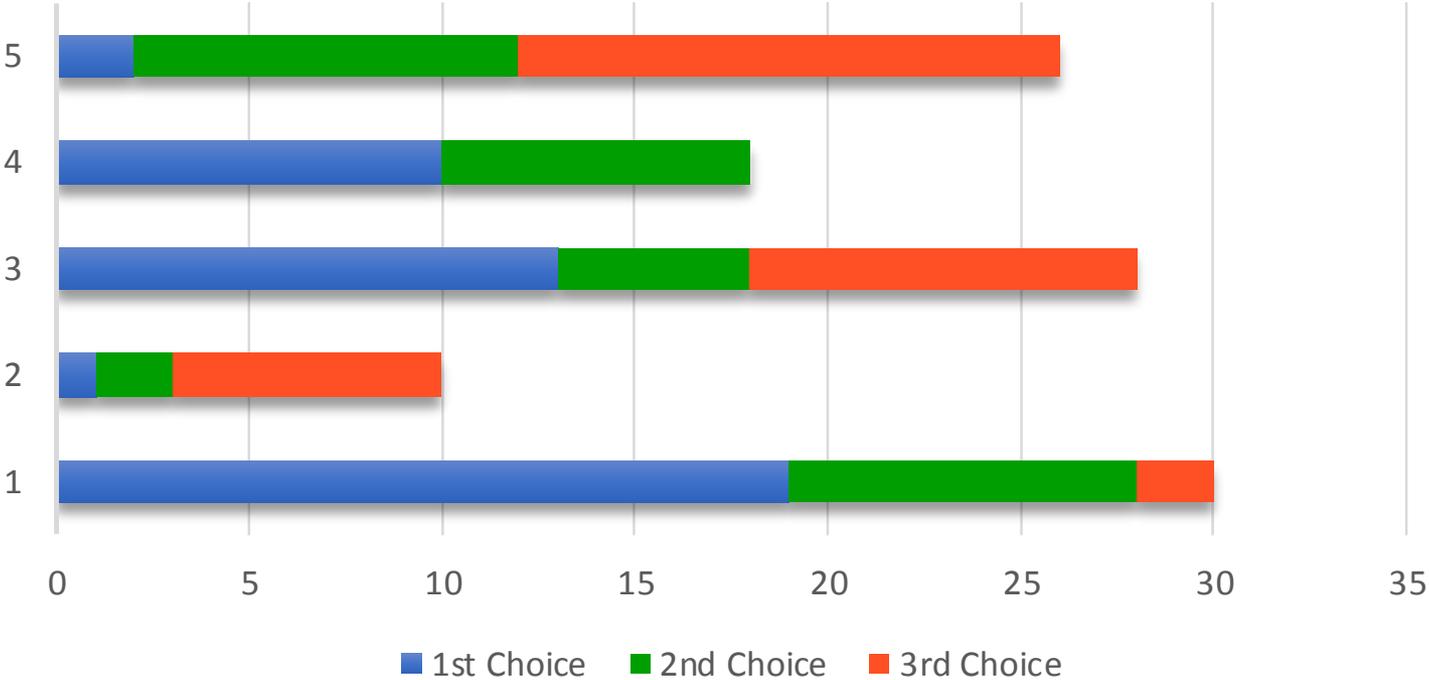
Survey Results

What amenities/destinations/connections are needed?



Display Results

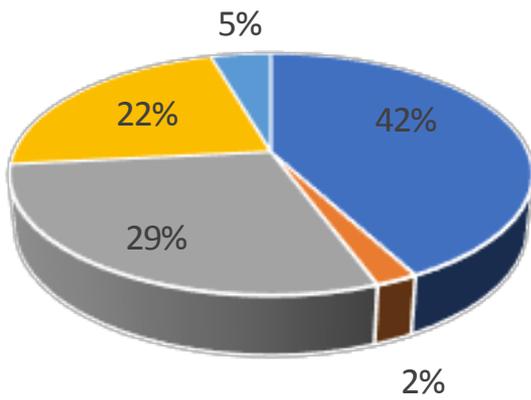
Describe The Trails You Use Now



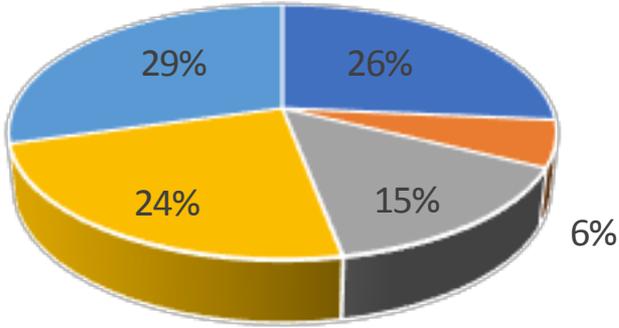
Display Results

Describe The Trails You Use Now

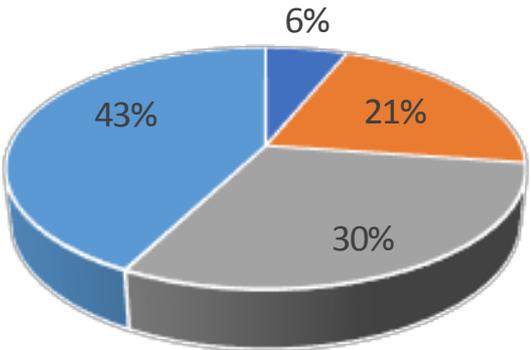
1st Choice



2nd Choice



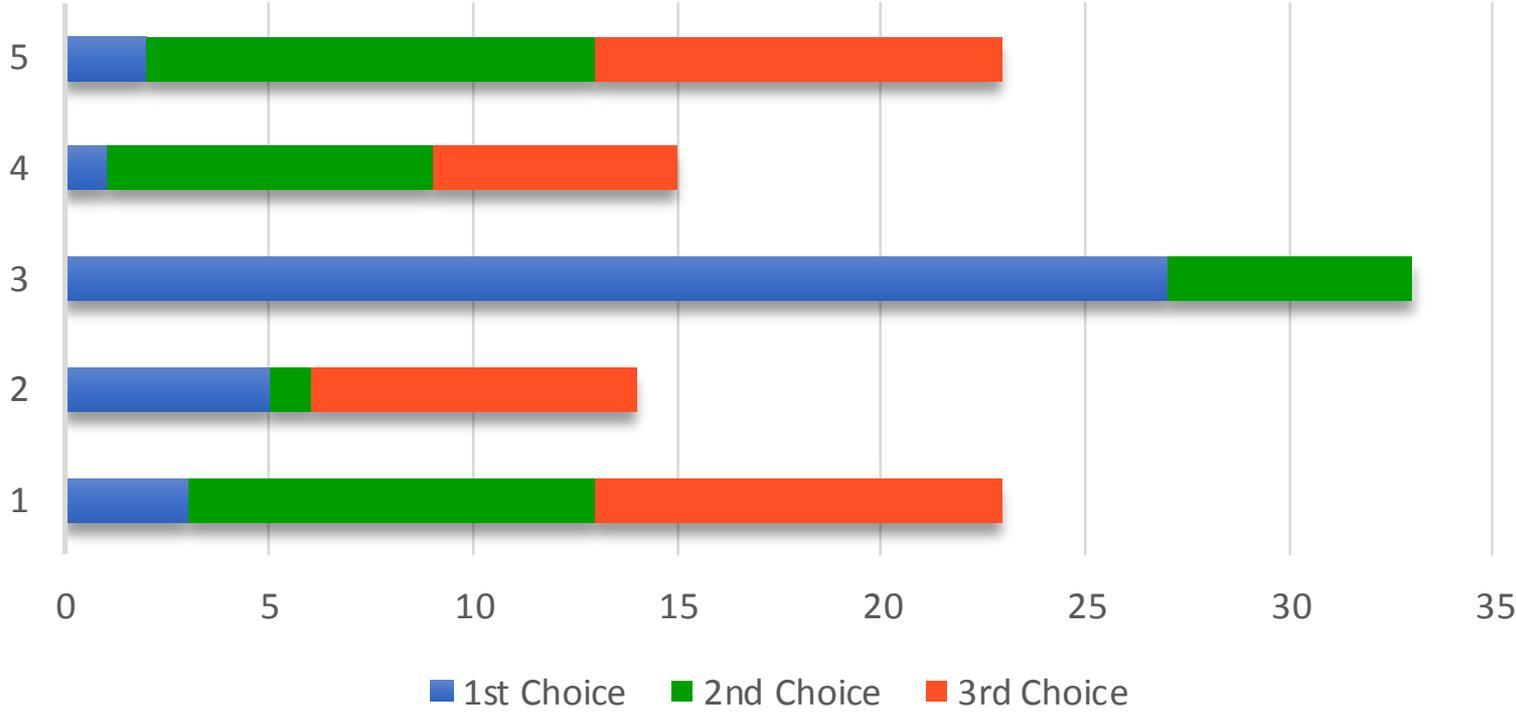
3rd Choice



■ Exercising	■ Exploring
■ Commuting	■ Bicycling
	■ Other

Display Results

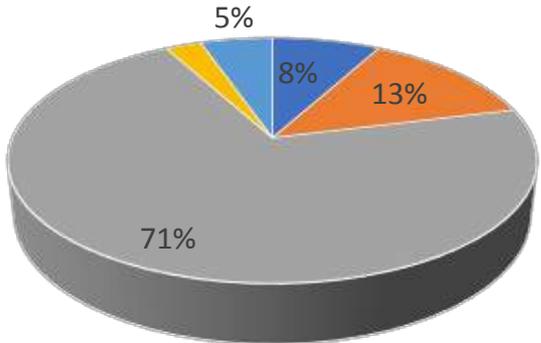
Where Do You Really Want To Go



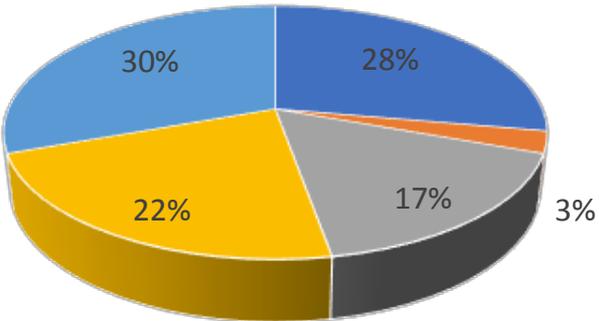
Display Results

Where Do You Really Want To Go

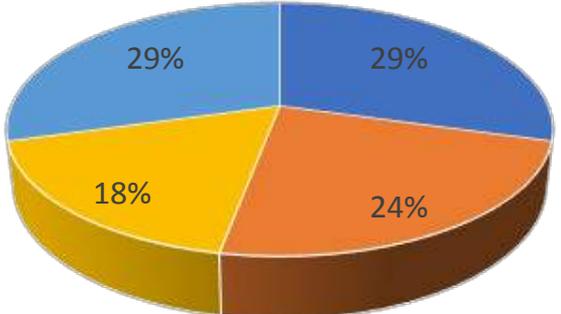
1st Choice



2nd Choice

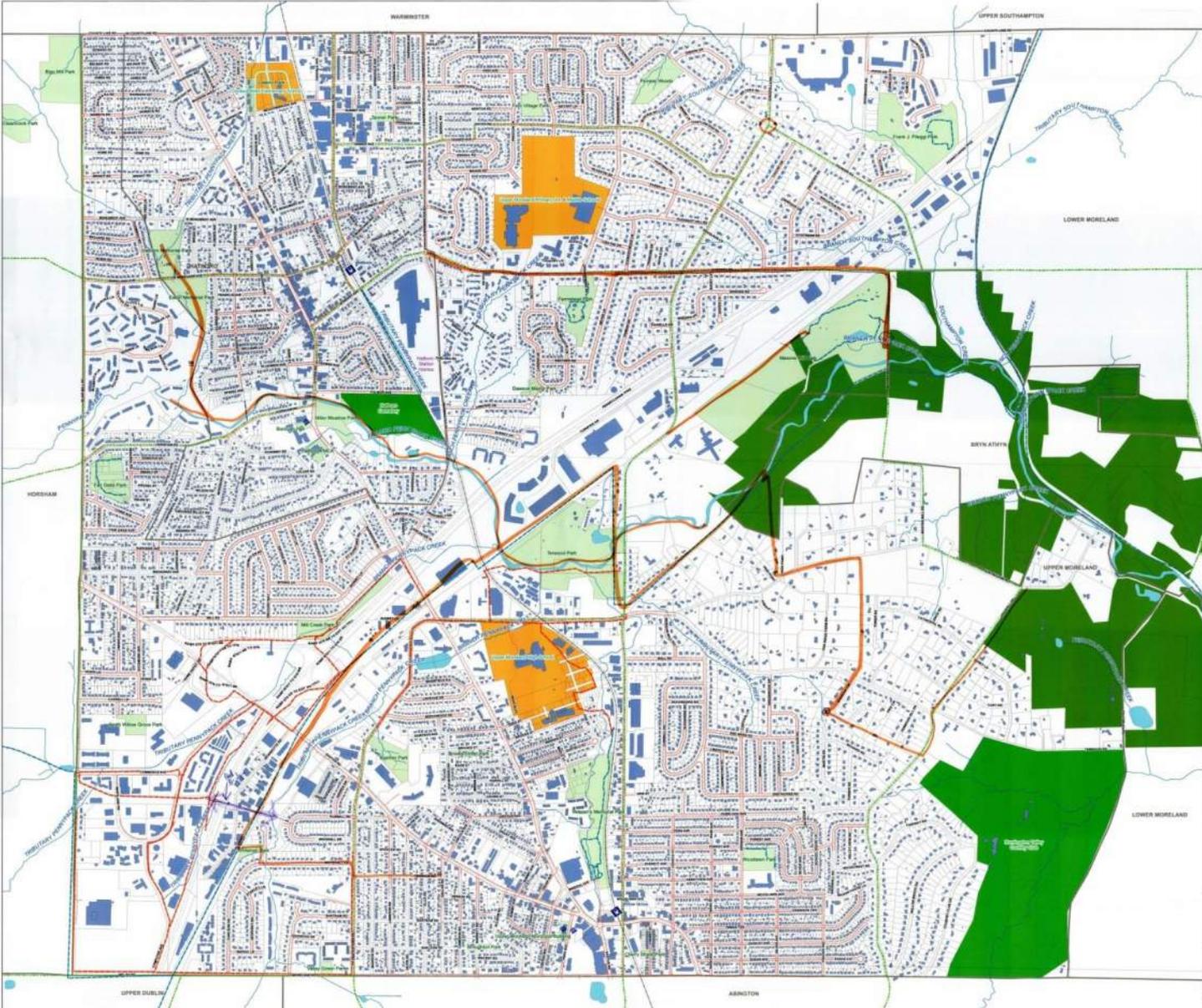


3rd Choice



■ Shopping & Downtown	■ Work & School
■ Parks, Recreation & Regional Trails	■ Train, Bus, or Carpool Stops
■ Other Neighborhoods	

Mapping Results




Public Meeting #1

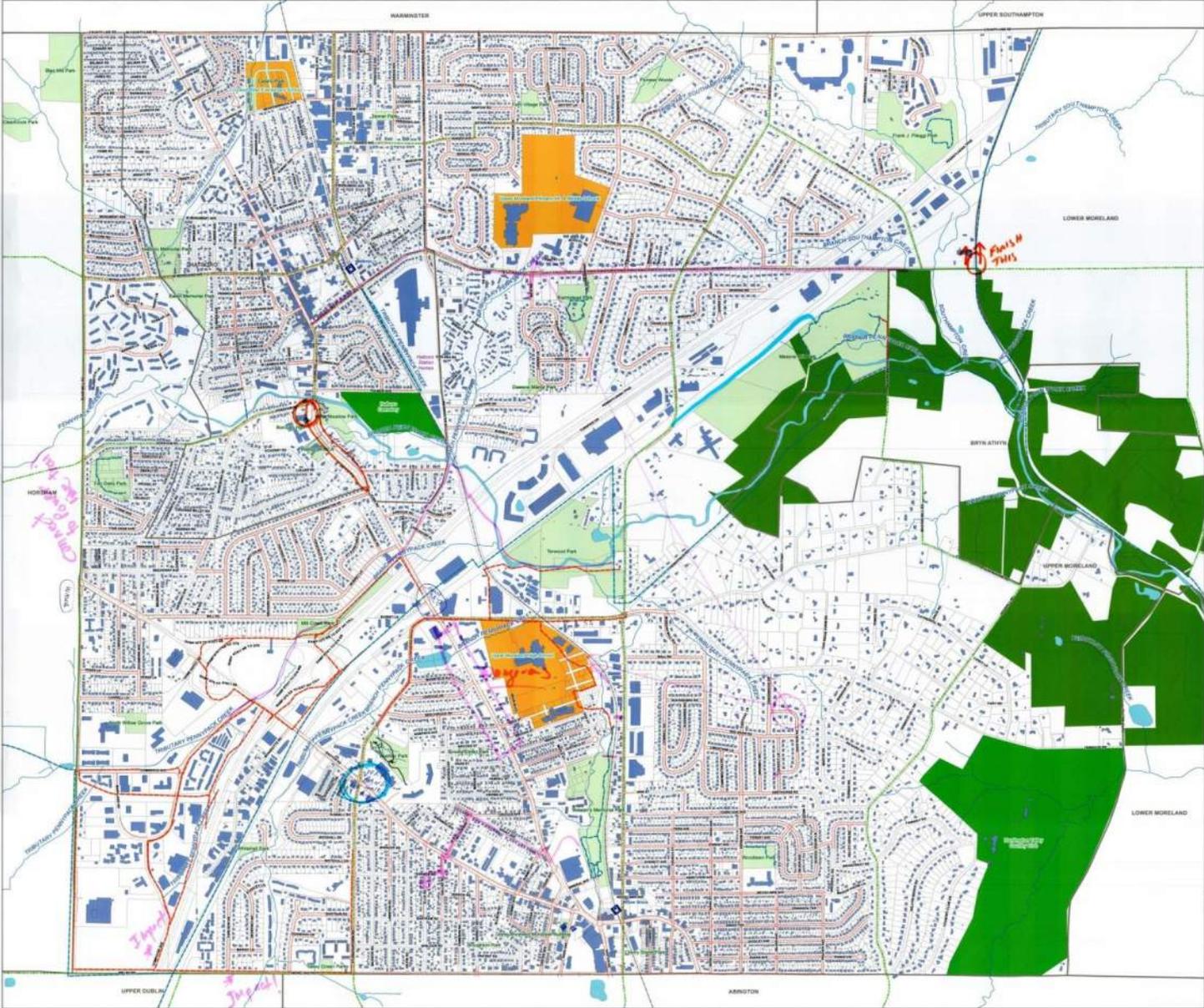


- Legend**
- SEPTA Regional Rail Stations 2018
 - Existing Sidewalk
 - Existing Trails and Proposed County Trails
 - Possible County Trails
 - Proposed County Bike Network
 - Existing Bridge
 - SEPTA Regional Rail Lines 2012/17
 - Local Streets
 - Municipal Boundary
 - Hatboro Panels
 - Upper Moreland Panels
 - Buildings - DUMP
 - Schools
 - Pennypack Wilderness
 - Private Open Space
 - Parks

UPPER MORELAND TOWNSHIP / HATBORO BOROUGH MAP
UPPER MORELAND TOWNSHIP
MONTGOMERY COUNTY, PENNSYLVANIA

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80 EAST BUTLER AVENUE NEW BRITAIN, PA 18901-0008 (717) 968-4333
www.gilmore-associates.com
JOB NO. 16-1103 DATE: MAY 2016 SCALE: 1" = 500'

Mapping Results



Public Meeting #1



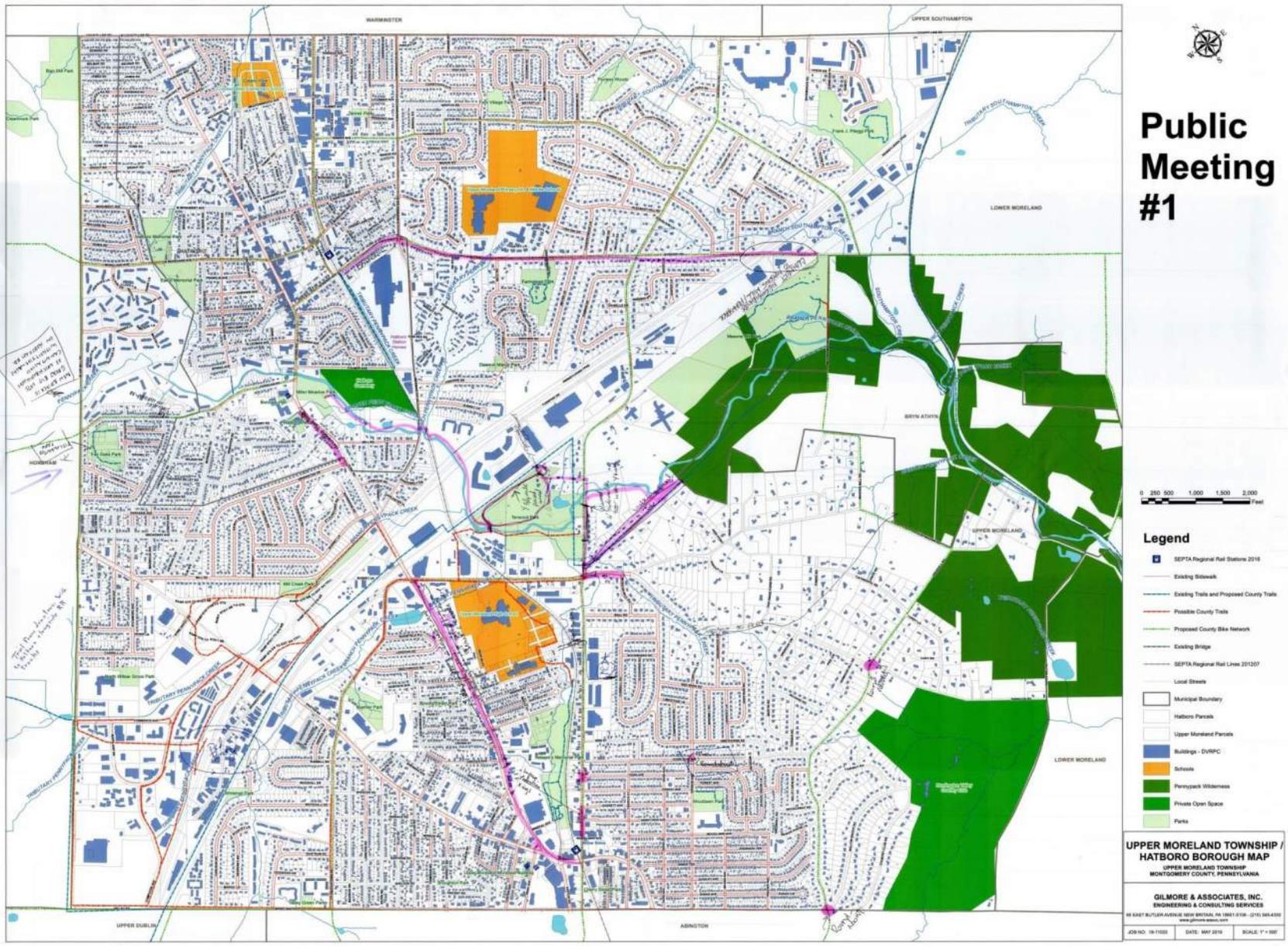
- Legend**
- SEPTA Regional Rail Stations 2016
 - Existing Streets
 - Possible Trails and Proposed County Trails
 - Possible County Trails
 - Proposed County Bike Network
 - Existing Bridge
 - SEPTA Regional Rail Lines 2012/07
 - Local Streets
 - ▭ Municipal Boundary
 - ▭ Hatboro Parcels
 - ▭ Upper Moreland Parcels
 - ▭ Buildings - DWSPC
 - ▭ Schools
 - ▭ Parkpack Wilderness
 - ▭ Private Open Space
 - ▭ Parks

UPPER MORELAND TOWNSHIP / HATBORO BOROUGH MAP
 UPPER MORELAND TOWNSHIP
 MONTGOMERY COUNTY, PENNSYLVANIA

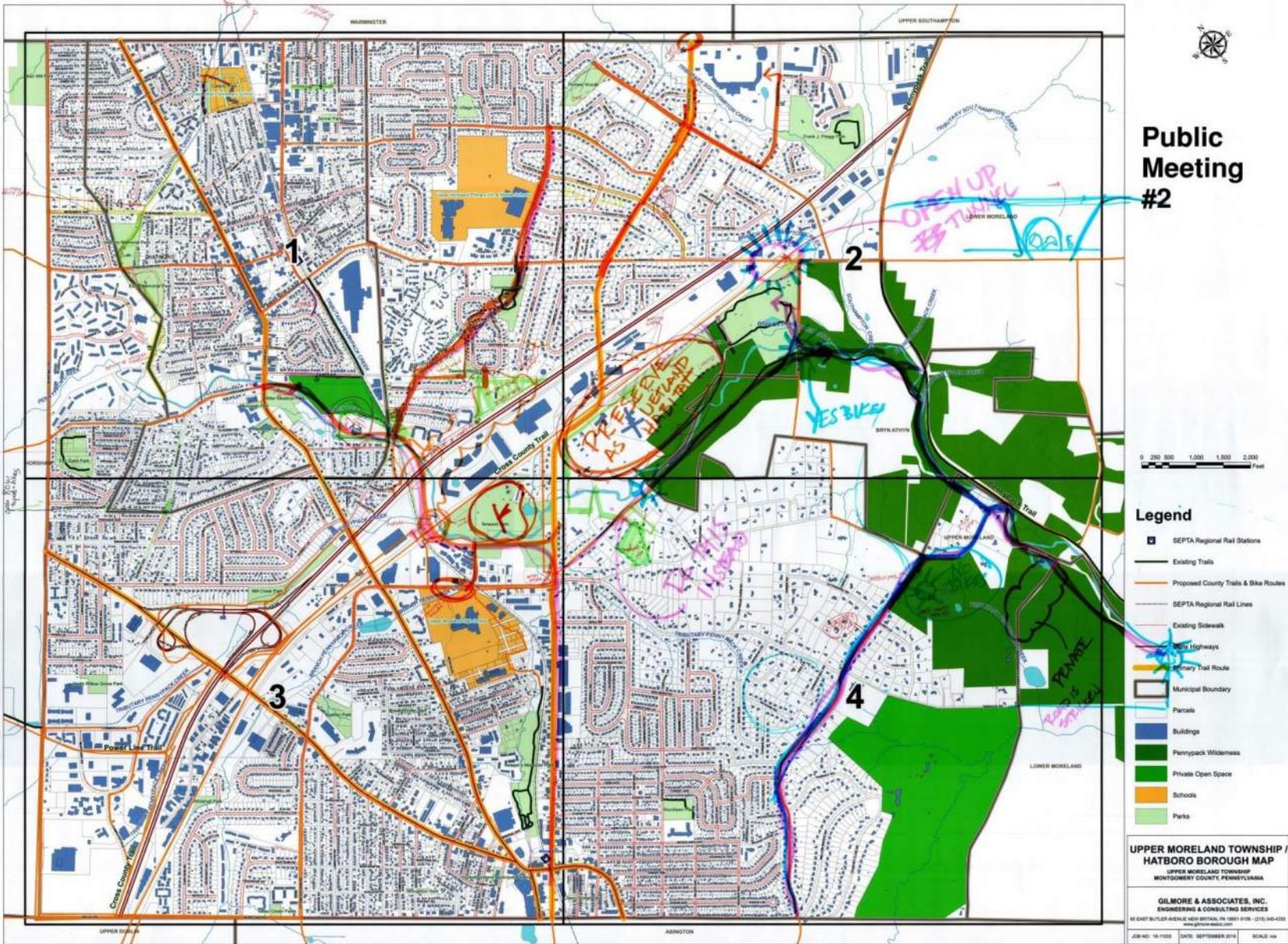
GILMORE & ASSOCIATES, INC.
 ENGINEERING & CONSULTING SERVICES
 85 EAST BUTLER AVENUE, 4TH FLOOR, PHILADELPHIA, PA 19101-5108 (215) 340-4333
 www.gilmore-associates.com

JOB NO: 18-11583 DATE: MAY 2018 SCALE: 1" = 800'

Mapping Results



Mapping Results



Mapping Results

TOP FINDINGS

- Trail along Pennypack & tributaries
- Connections between parks
- Neighborhood connections to parks, regional trails and bike lanes
- Some connections utilizing sidewalks- others requiring new facilities
- Intersections of focus
- Support for planned trails/bike routes

Mapping Results

PRIORITY CONNECTIONS

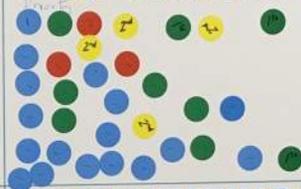
- All Parks
- Pennypack Ecological Trust
- New YMCA
- Upper Moreland Swim Club
- Pennypack Creek
- Cross County Trail
- Power Line Trail
- All schools, especially Upper Moreland High School
- Neighborhoods

Describe The Trails You Use Now



WALKING,
RUNNING, RIDING,
ROLLING

EXERCISING



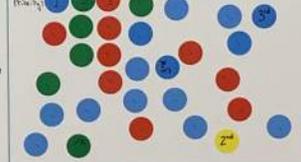
GETTING TO WORK

COMMUTING



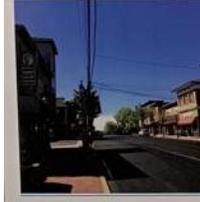
HIKING, NATURE
VIEWING, FISHING,
& KAYAKING

EXPLORING



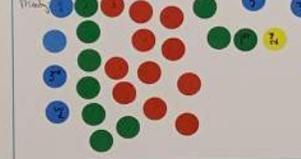
ON THE ROAD
LEISURE RIDING
MOUNTAIN BIKING

BICYCLING



DOWNTOWN
SITE SEEING,
DOG WALKING,
SOCIALIZING

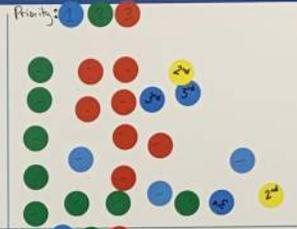
OTHER



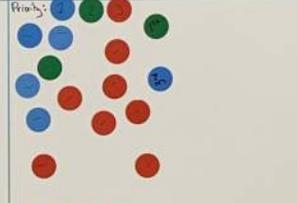
Where Do You Really Want To Go?



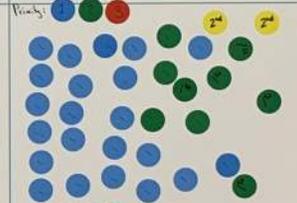
SHOPPING &
DOWNTOWN



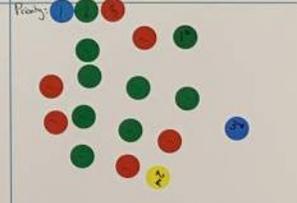
WORK & SCHOOL



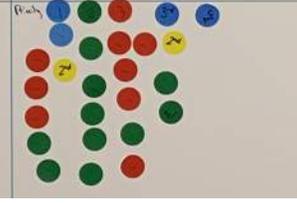
PARKS,
RECREATION, &
REGIONAL TRAILS



TRAIN, BUS, OR
CARPOOL STOPS



OTHER
NEIGHBORHOODS



Upper Moreland Township-Hatboro Borough Master Trail Plan

Full Online Survey Responses

Q9	Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?
	Answered: 135 Skipped:
	trails should never be located adjacent to private residences
	Masons mill trail is so far my fav due to the side trails you can explore. You find such beautiful scenery. The unusual trees, the honeysuckle bushes, the interesting vines growing in the trees. I also love that, according to the sign, the ground is protected and will never be developed on.
	Shoulder or sidewalk along Davisville Road
	I love the book share although I've never used it.
	Would love more bicycle trails and connections. Places without cars, or barriers from cars.
	As a recreational bicyclist, I would like an interconnecting trail systems allowing a two hour(25 mile) round trip.
	It would be great to have sidewalks along Byberry near Masons Mill so residents in the area can ride their bikes to the park and/or Pennypack Trail. Sidewalks installed on Davisville Rd near County Line would also allow residents to walk or ride their bikes safely to the shopping center.
	Please keep me project on track
	A nice walking trail so I don't have to use the high school track for walking.
	Ideas: community gardens and farms; educational zones for composting, planting; eco-friendly ideas to implement back to your home. Where are they
	I have been a walking advocate for 30 years. Visit my web page dedicated to Hatboro pedestrians. http://www.pitrone.com/walking.html
	I would like a sidewalk available along Davisville to get to the YMCA
	In regards to the meadow renovations in Hatboro, using it for festivals and other functions would be a great attraction to Hatboro.
	I have some comments about this survey. It would have been helpful to identify what trails and sidewalks are CURRENTLY considered part of "Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities " so we would know exactly what we are evaluating. To my knowledge, other then Pennypack Trail, there are no Bicycle facilities (place to blow up tires etc).
	More dog walking trails
	Allow hunting
	to be realistic as to the feasibility of integrating a walking/bike path in a local community with lots of traffic. Can this really be done? Should the money be used to improve existing rails to trails sites?
	I think trails in the community are an important thing!
	How about building safe walking and biking areas/ sidewalks for students must walk to school (no bus transportation provided)
	I really hope that it gets kept up nicer than the trail near me that run to veterans memorial park.
	It would be great to see pedestrian tunnels/bridges under/over major roads (Davisville, Byberry, York Rd, etc.). Crossing these roads on foot or bike as they are now will deter people from using them.
	Bike facilities would make getting around via bike much easier
	Would love to see sidewalls along york road from Newington down into hatboro
	No
	Who came up with this?
	as a new member of the UM community (with a young son), I'm so excited about the prospect of expanding our trails and access! It makes me feel like we've made a great decision to move to the area. :)
	Line off bike trail so when crowded, bikers and pedestrians have designated zones
	Incorporate community green areas to promote social gathering spots even more dog parks
	No
	It would be cool to see trails from pennypack to go threw Hatboro.
	It's a waste of taxpayers money.
	Just make sure that they are safe for all ages.
	These facilities are needed for the health of the community in general. As a diabetic for the last 25 years, i believe I have managed to avoid the need for insulin through diet and walking regularly along the Pennypack Creek
	With no sidewalks on Davisville Road, my family and I need to drive from our neighborhood to other parts of the Township in order to take advantage of the trails. Our wish is that we could leave home on foot or bike with no worries for our safety. Connecting all the neighborhoods via safe pedestrian/biking access would be ideal!
	Priorities should include clearer marked crosswalks in our neighborhoods, sidewalk repair, connecting disconnected sidewalks, traffic calming, signage, and pedestrian and bicycle access between UMT and Hatboro. More cooperation between the township and school district is needed to ensure the safety of students walking and biking to and from school.
	The designated trail should avoid roads or areas that are highly congested by vehicles. The trail must be safe and it must be a designated trail otherwise I do not believe people will use it.

Upper Moreland Township-Hatboro Borough Master Trail Plan

Full Online Survey Responses *cont.*

Q9	Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?
	Answered: 135 Skipped: 499
	Connect to pennypack trails and parks.
	I think it would be great for seniors too!
	put sidewalks on Davisville so people can walk to the new YMCA
	no. keep up the good work
	yes
	I used to walk the old railroad tracks then you made it Rails to Trails you can't walk over there joggers only bikers only bikers that's how you get the hell out of the way bikers got enough bulshit leave the rest of the stuff to the hikers
	Have both community's come together on connecting hatboro and upper Moreland safely for bike traffic
	Need a safe route to cross (or go under) the PA Turnpike
	Dog waste bag stations, more "drive like your kids live here" signs, if they're would be a crossing, similar to the crossing of the trail on Dresher road in Horsham, the flashing light is NOT helpful. I walk this daily at work and either almost get hit every time or no card ever stop. I wouldn't want this in my town where my family would be walking.
	The more connected the better. I love using Pennypack trail, but if I could cycle to it without having to put my bike in the car I would use it so much more. I would have to be able to get there without cycling on any busy roads.
	Our trails are disjointed, without connections. This affects everyone from students to commuters to fitness enthusiasts. We need to connect to Hatboro's Powerline Trail and the Cross County Trail.
	Keeping it as natural as possible. Not looking more like sidewalks
	more sidewalks
	Connections to cross county and power line trail.
	When it's done, make a map so people can find it. I've lived here for 10 years and still can't find the Pennypack Trail and good places to park. I found one spot but after about a 10 minute walk, it turned into a road with houses. I don't know if it was the right way or not because there's no signs.
	no
	Kid related activities on an app that they could do like EyeSpy for different birds or trees or a scavenger hunt, etc...
	No
	we need to get a safe bike trail or sidewalk on York Road to connect the main hatboro strip and surrounding neighborhoods to the high school and pennypack trail heads in the area.
	water fountains and bathrooms would be very helpful, as well as the trail being lit at night. Also I wish there were sidewalks or bike trails along Byberry Rd. which would make it possible to get to the trail without driving.
	I would like to see any ideas on plans. It would be great to have a trail system connecting as many community's as possible. I love the rails to trail!
	Keep it simple at first. Build the basic trails and add amenities if the usage and need is there. People will flock to them especially if they are away from high traffic areas. We all need to be exposed to more open space and nature particularly in our congested neighborhoods. Thank you for doing this. As a 28 year resident, the revitalization of WG is finally emerging. A more user friendly way to access and connect with our neighbors will only spur business development even more. Good stuff.
	It might be nice to have a shelter here or there in case of heavy rains\thunderstorms
	Where are bike trails in UM? I only know of powerline trail in H-H
	Better info online, maps, trail distances
	no
	Another important feature would be to have plenty of parking available. Thanks for making this one of your priorities!
	No
	I think it's a good idea!
	It's nice having port a pots I think there needs to be more. Make sure there is sufficient parking as on nice days Pennypack gets full quick.
	I have small children and it is hard for me to walk/bike with them because there aren't always sidewalks/trails. It is unsafe for my children to be biking on the shoulder of the street.
	more is better
	No
	So glad you are working to expand it!
	Is there a proposal of the pathways?
	Better safety/police presence. Tired of groups of kids abusing the trails and facilities. Sometimes I won't even use because of the amount of youth misusing certain areas.
	Improve trail connecting Masons Mill with Pennypack

Upper Moreland Township-Hatboro Borough Master Trail Plan

Full Online Survey Responses *cont.*

Q9	Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?
	Answered: 135 Skipped: 499
	atboro to Masons Mill; Fix and stop the encroachment on Hatboro's sidewalks.
	The Pennypack Trust is a great resource and right in Hatboro and Upper Moreland's back door. It would be nice for all of these trails to have easier access to each other. ie. Hatboro Station trail following the train tracks to the new YMCA and connecting to Upper Moreland operations facility (trail).
	Great way to connect communities and develop healthy activities.
	This is such a great addition to the community. It is so nice for people to have a safe and beautiful place to exercise.
	Terrible traffic in the morning and after 3 at the intersection Byberry rd & Davisville rd, it is dangerous to put footpaths when such a terrible state of the streets
	no
	Make it easy to use and accessible from multiple points
	Connect trails to downtown
	Link as many trails / unused rail / unused Twp property as possible.
	Please do not hinder safe drivers by putting trails on already busy streets/roads!!
	Please install sidewalks along Warminster Road between York and Byberry and along Byberry Road between Warminster Road and S New Street.
	Need better access from Upper Moreland Twp to Hatboro Train Station. Need better access across Byberry Road to Parks
	As above, putting up "Share the Road" signs would be a start. Second, would be getting the Cross-County Trail finished. Third would be making Davisville Road near the new YMCA bicycle friendly, with wider shoulders or a bike path.
	i don't think any trail should go behind any homes!
	Thank you for doing this!! I grew up around Valley Green park and used to run on it multiple times a week. I really miss having a local running path that is safe and a fun public area.
	No
	I think having a bike trail that connects UM & Hatboro would be great!
	No
	An area that would have a particular effect on our household would be that from Turwood along Edgehill Rd and continuing along Huntingdon Rd, Masons Mill Rd, and Byberry.
	No
	I love trails and there can never be enough. It is really great to be out in nature and the fresh air, and I am glad this initiative is taking place.
	A playground stop for families with little ones would be ideal
	A safe bike lane on Huntingdon and Edgehill would make a huge impact to the area!
	Need more sidewalks
	no
	Would be great to see the trails to connect up with main st Hatboro
	Love the idea of pathways throughout the wooded and natural areas.
	Great idea - hope to hear more
	Need more sidewalks in addition to dedicated walking trails.
	Wish both Willow Grove and Hatboro were more bike friendly communities. The excessive traffic makes biking and even walking around the area hazardous
	Bike lanes would be a wonderful addition to our area.
	Wonderful that you are polling the community! Thank you!!
	The more the better. Makes accessibility easier and therefore more people will use it
	Safe, well lit, frequently patrolled or monitored by security cameras would be helpful
	My sons (aged 16, 14 and 11) love to bike. They go from the WG Mall to Sam's Club to Main Street Hatboro. I love that they are outside but I have concerns about their safety on area roads.
	Large roads such as Byberry and Davisville should have FULL sidewalks. There should not be a need to HAVE to drive to get to Trails, parks or schools. At least have a 1 mile perimeter to such locations made pedestrian friendly.
	I'm excited!

Upper Moreland Township-Hatboro Borough Master Trail Plan

Full Online Survey Responses *cont.*

Q9	Do you have any other comments, ideas, or thoughts regarding Upper Moreland and Hatboro's Pedestrian & Bicycle Facilities?
	Answered: 135 Skipped: 499
	- When I go onto the website I cannot find (easily) parks with walking paths and what they connect to. I honestly do not use any of the walking paths in UM because of how hard it is to figure out. I find myself going to Upper Dublin or Horsham because of the ease of finding online. And not having to guess anything
	it would be beneficial to connect trails together and create safe ways to cross streets in order to access the trails.
	No
	More of them!
	A protected Bike path along Davisville to the new Y would change our lives!!!! Also, more lighting on Fern Ave near Davisville would be helpful. we've had some things stolen from cars recently.
	None
	I run frequently in Hatboro and use the Horsham power line trail. I also like walking to the Hatboro businesses.
	No
	No but I am happy that it is being addressed. I am sure it will help attract people to this community.
	Just a lot more lighting!
	When?
	Don't really know if any walking trails. Only familiar with Powerline Trail in Horsham.
	I find conflicting information about where I'm allowed to walk my dogs. Clarity about this would be helpful.
	I'd love expanding the trails, too... where possible.
	Thanks! You are moving in the right direction!
	dogs should be allowed on all trails and parks
	Safe passage is my biggest concern. Some areas are just. It safe for foot traffic, such as south of miller meadow. It really cuts that part of town off from "Main Street"
	Maybe make it known they exist
	I would love to see a sidewalk connect UM to Hatboro on York Rd by Newington
	Make wide enough to have 2-3 people on it
	No
	This survey assumes that everyone likes walking paths and Bicycle paths. I see expenses and undesirable conduct which leads to crime and harassment in our neighborhood.
	Connectivity between communities and increasing safety.
	We need a crosswalk/light at York and home roads. Too far between lights (county line and Montgomery)