



**UPPER
MACUNGIE
TOWNSHIP**

Comprehensive Parks, Recreation & Open Space Plan

Steering Committee Meeting #2



Agenda

1. Project Schedule
2. Development of CROSP *Vision Statement*
3. UMT Demographics: History & Projections
4. Preliminary Analysis Concepts
5. Planning 'Primer':
 - Conservation
 - Open Space
 - Stewardship
 - Official Map
 - Agricultural Land Preservation
6. Public Survey Results Update
7. Key Person Interviews (KPIs) & Focus Groups
8. Brainstorming / Discussion
9. Next Steps



Project Schedule



Committee Meetings:

- Committee Meeting #1 - September 10, 2024 (6:30 PM – 8:30 PM)
- **Committee Meeting #2 - October 10, 2024 (6:30 PM – 8:30 PM)**
- Committee Meeting #3 - November 12, 2024 (6:30 PM – 8:30 PM)
- Committee Meeting #4 - January 14, 2025 (6:30 PM – 8:30 PM)
- Committee Meeting #5 - March 4, 2025 (6:30 PM – 8:30 PM)
- Committee Meeting #6 - May 6, 2025 (6:30 PM – 8:30 PM)



Public Meetings:

- **Public Meeting #1 - October 21, 2024 (7:00 PM)**
- **Public Meeting #2 - January 21, 2025 (7:00 PM)**
- **Public Meeting #3 - March 13, 2025 (7:00 PM)**
- **Public Meeting #4 - May 20, 2025 (7:00 PM)**

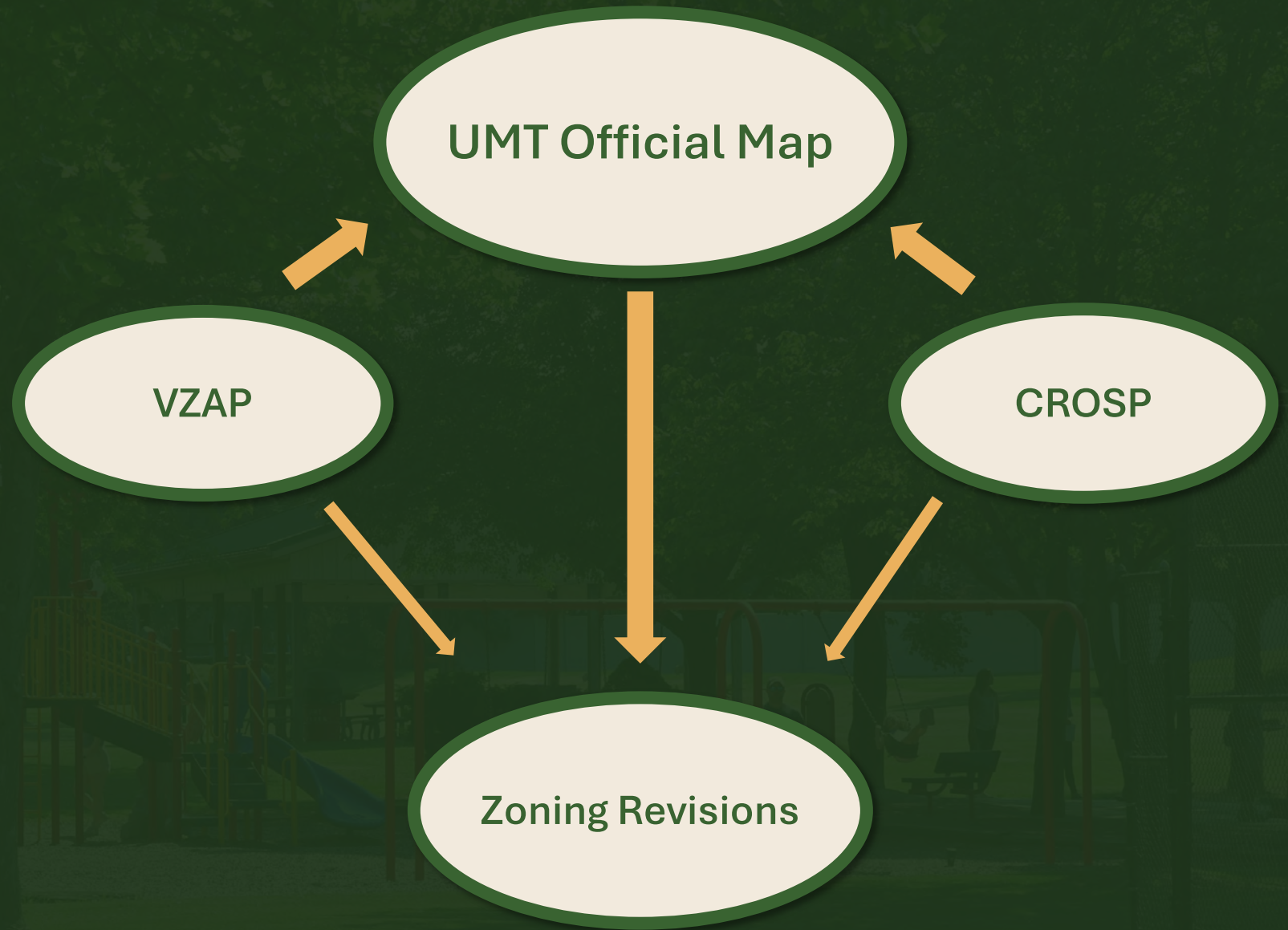
Township Commission Meetings

- Park & Recreation Board Meeting - August 15, 2024 & **March 20, 2025 (7:00 PM)**
- Planning Commission Meeting - September 18, 2024 (7:00 PM)
- Board of Supervisors Meeting - October 3, 2024 & **May 1, 2025 (7:00 PM)**



UMT: Planning

Critical intersection of vital planning efforts **currently undertaken and underway** in Upper Macungie.



Vision Statement Development

GOALS of the CROSP

The Comprehensive Parks, Recreation, and Open Space Plan will function as a guide to :

- **Identify projected future growth within the Township**
- **Determine parks and recreation system growth opportunities**
- **Evaluate if the Township is efficiently and effectively managing its recreation programs and facilities to both best utilize tax dollars and meet the needs of the community**
- **Establish goals and objectives for the Township and the Parks and Recreation Departments**
- **Identify the steps to be taken to achieve those goals and objectives**



Vision Statement Development

DRAFT for consideration....

Leading the Lehigh Valley area as an economic hub and growth center, Upper Macungie Township undertakes this Comprehensive Recreation & Open Space to reflect the commitment of its residents to creating its true character--- inclusive, economically vital, family-friendly and sustainable. The Plan will provide for healthy, active living for every age and ability while ensuring that thoughtful care is given to its unique natural and historic resources.

Elements of a 'Vision'.....

- UMT Comprehensive Plan: Stated goals for the Township
- Unique History: Context of UMT within the Lehigh Valley
- Sustainability, longevity, health, beauty





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Demographic Data



Population

According to US Census Bureau data (American Community Survey), **approximately 6,000** more people expected by 2040.**

- In 2011, ages 35 to 54 were the dominant age in the population.
- Within a decade, that generation had a **significant decrease**.
- In came a new dominant generation – **ages 10 to 14**. Note that seniors are also representing more of the population since 2011.

Population by Age - Upper Macungie Township			
	2011	2021	
Age Group	%	%	% Change
Under 5 years	4.70%	6.40%	1.70%
5 to 9 years	8.00%	5.00%	-3.00%
10 to 14 years	9.20%	9.10%	-0.10%
15 to 19 years	6.60%	6.70%	0.10%
20 to 24 years	3.30%	4.80%	1.50%
25 to 29 years	4.40%	6.70%	2.30%
30 to 34 years	4.60%	5.70%	1.10%
35 to 39 years	7.00%	8.20%	1.20%
40 to 44 years	10.80%	5.70%	-5.10%
45 to 49 years	11.20%	6.10%	-5.10%
50 to 54 years	7.80%	6.70%	-1.10%
55 to 59 years	6.30%	8.50%	2.20%
60 to 64 years	4.80%	7.10%	2.30%
65 to 69 years	2.50%	3.90%	1.40%
70 to 74 years	3.10%	3.20%	0.10%
75 to 79 years	1.90%	2.80%	0.90%
80 to 84 years	1.30%	1.20%	-0.10%
85 years and over	2.40%	2.30%	-0.10%

Source: United States Census Bureau/American Community Survey (ACS)

**VZAP & CROSP population projections have used Census and ACS data. Lehigh Valley Planning Commission data projects a potential increase in population of 18,000 by 2050.



Education & Income

Educational Attainment for Residents Over 25 Years of Age		
Educational Attainment	Upper Macungie Township	Lehigh County
No High School Diploma	4.20%	10.30%
High School Graduate	19.50%	32.20%
Some College, No Degree	11.00%	16.60%
Associate's Degree	9.70%	9.50%
Bachelor's Degree	30.10%	19.30%
Graduate or Prof. Degree	25.40%	12.10%

Increase in Education
 =
 Higher Household Income
 =
 Disposable Income

Median Household Income		
	Median Household Income	
	2011	2021
Lower Macungie	\$82,423.00	\$106,288.00
South Whitehall	\$66,498.00	\$86,158.00
Lowhill	\$86,071.00	\$115,938.00
Upper Macungie Township	\$93,427.00	\$104,631.00
Weisenberg	\$80,217.00	\$112,366.00
Lehigh County	\$54,312.00	\$68,738.00

Source: United States Census Bureau





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Preliminary Analysis



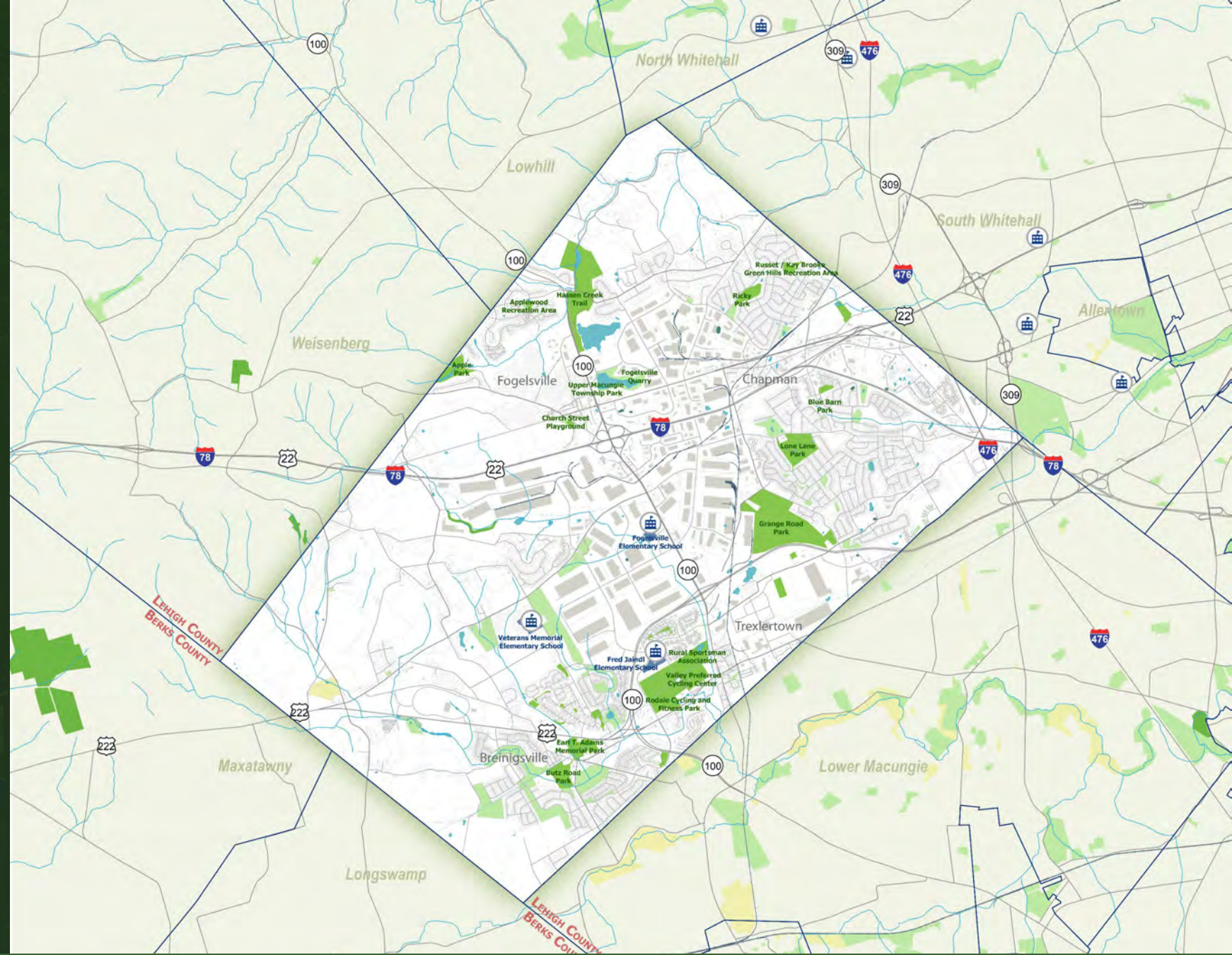
Existing Data

Project Area

Legend

Existing

- Local Road
- State Road
- Parcel Boundary
- Municipal Boundary
- Railroad - Active
- Park and Rec
- Open Space
- Water / Stream
- Institutional



Existing Data

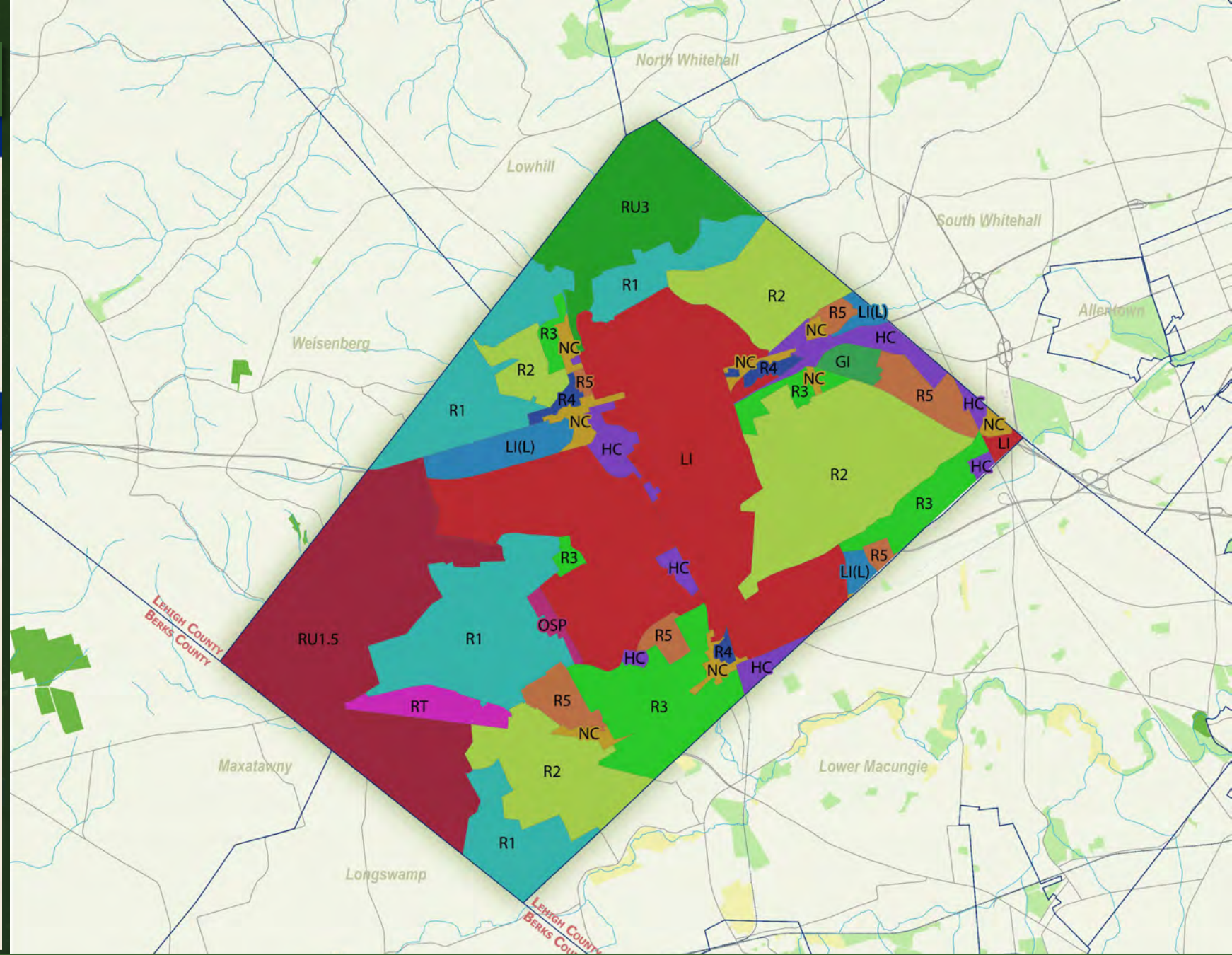
Zoning

Existing

- Local Road
- State Road
- Parcel Boundary
- Municipal Boundary
- Railroad - Active
- Park and Rec
- Open Space
- Water / Stream

Analysis - Zoning

- RU3 - Rural 3 District
- RT - Rural Technology District
- RU1.5 - Rural 1.5 District
- R1 - Rural Resident District
- R2 - Low Density Residential District
- R3 - Medium Low Density Residential District
- R4 - Medium Density Residential District
- R5 - Medium High Density Residential District
- LI - Light Industrial District
- LI(L) - Limited Industrial Light Industrial District
- NC - Neighborhood Commercial District
- OSP - Open Space Preservation District
- GI - General Industrial District
- HC - Highway Commercial District



Existing Data

Agriculture

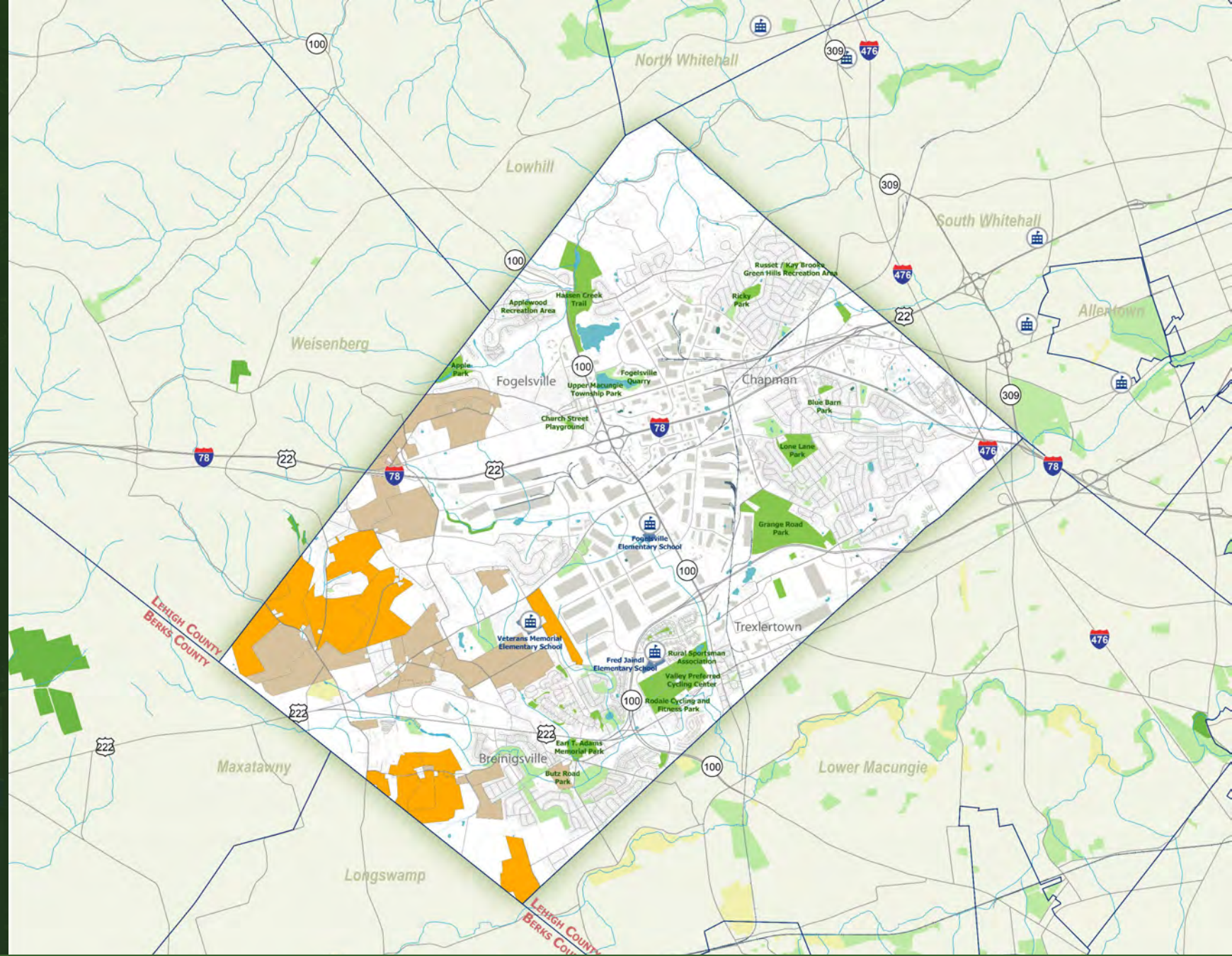
Legend

Existing

- Local Road
- State Road
- Parcel Boundary
- Municipal Boundary
- Railroad - Active
- Park and Rec
- Open Space
- Water / Stream
- Institutional

Analysis - Agricultural

- Agricultural Security Area
- Agricultural Permanent Easement



Existing Data

Geology

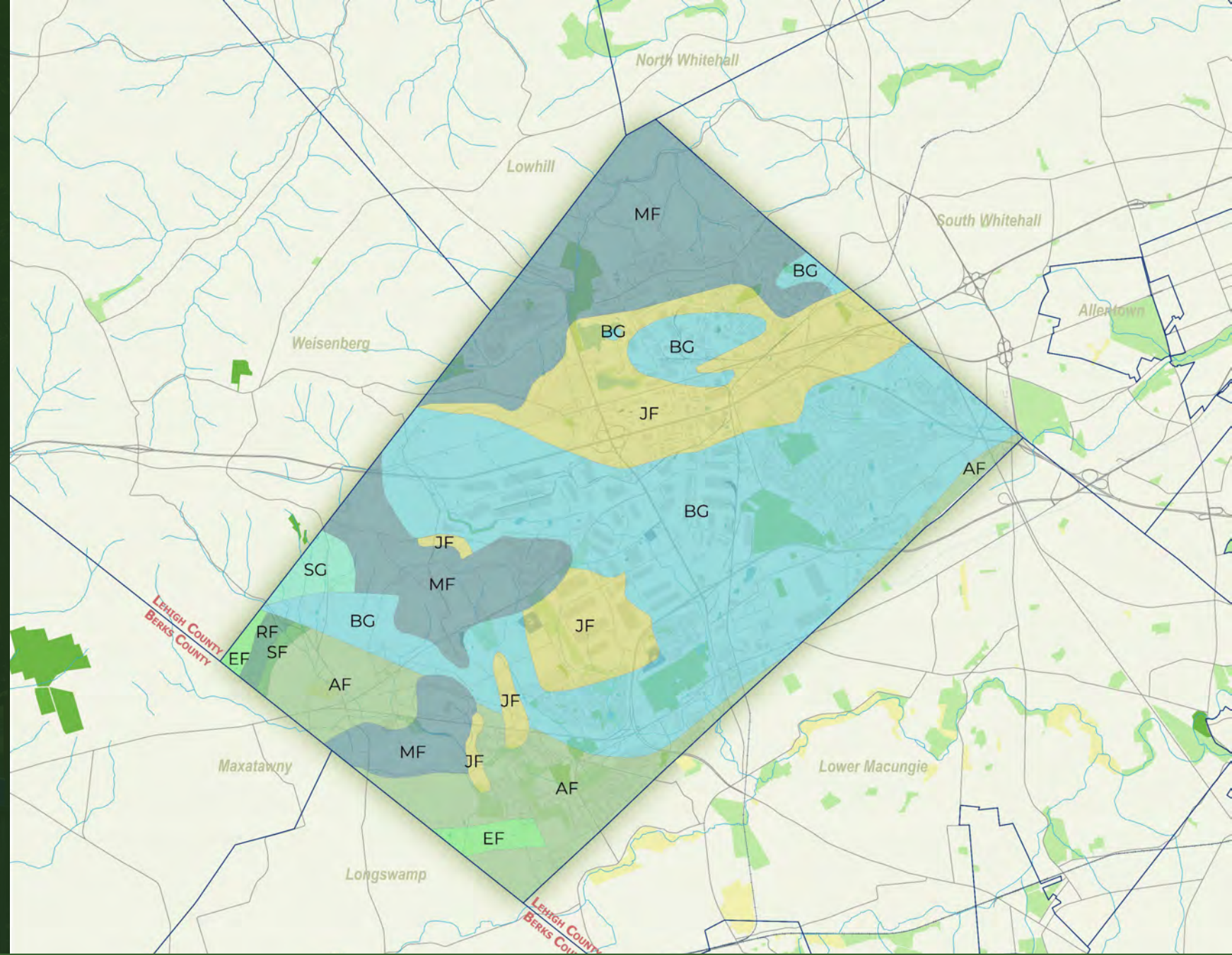
Legend

Existing

- Local Road
- State Road
- Parcel Boundary
- Municipal Boundary
- Railroad - Active
- Park and Rec
- Open Space
- Water / Stream

Analysis - Geology

- SF - Stonehenge Formation
- RF - Rickenbach Formation
- SG - Shale & Graywacke of Hamburg Sequence
- BG - Beekmantown Group
- EF - Epler Formation
- JF - Jacksonburg Formation
- MF - Martinsburg Formation
- AF - Allentown Formation





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Planning 'Primer'

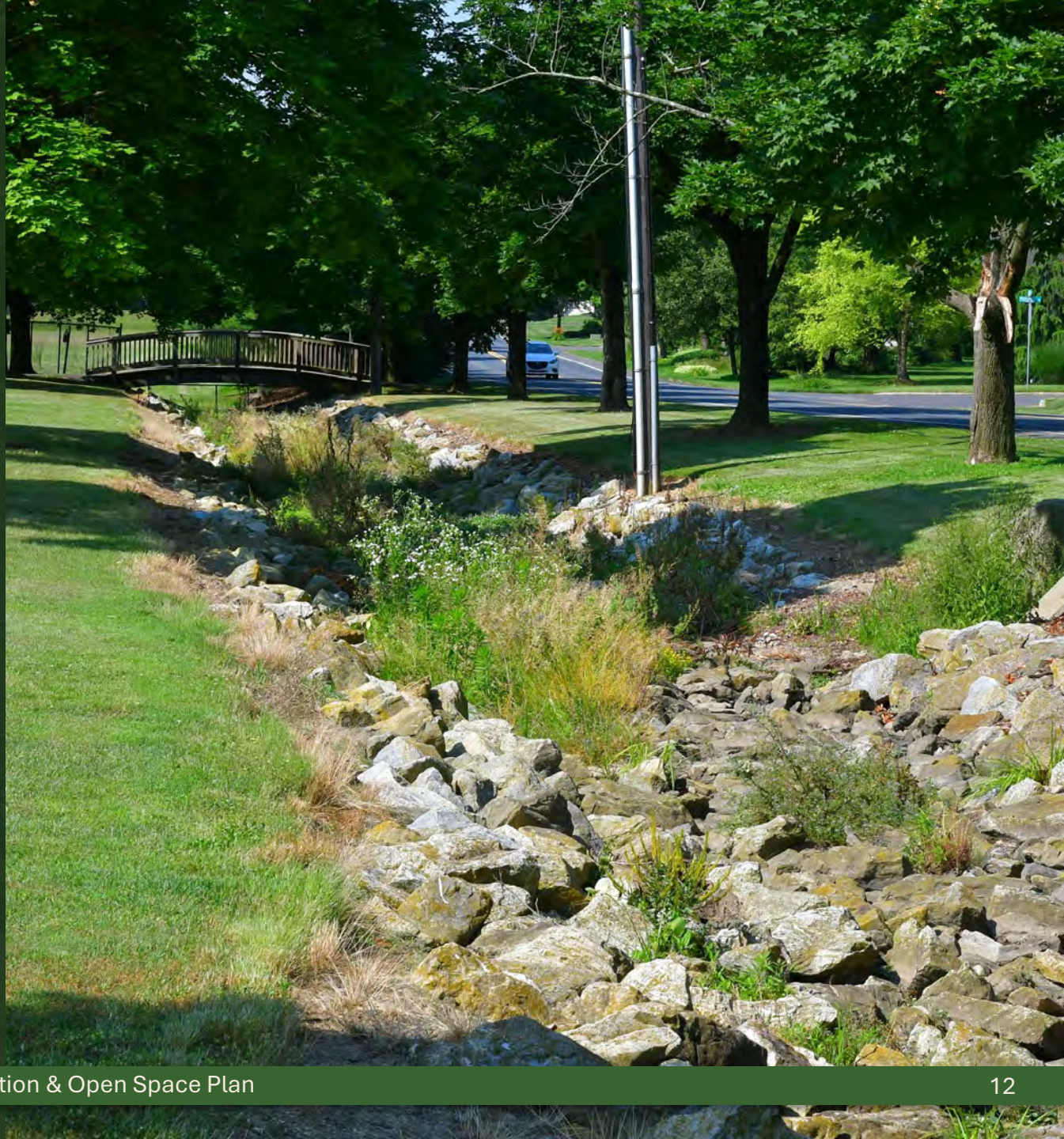


Definition: *Conservation*

Conservation encompasses all those actions taken toward the long-term preservation of a landscape and cultural heritage.

- *Examination*
- *Documentation*
- *Treatment*
- *Preventive care, supported by research and education.*

Landscape heritage (also known as a cultural landscape) is a geographical area that has been modified by humans and has cultural significance. These landscapes can include trees, landforms, historical views, and other features.

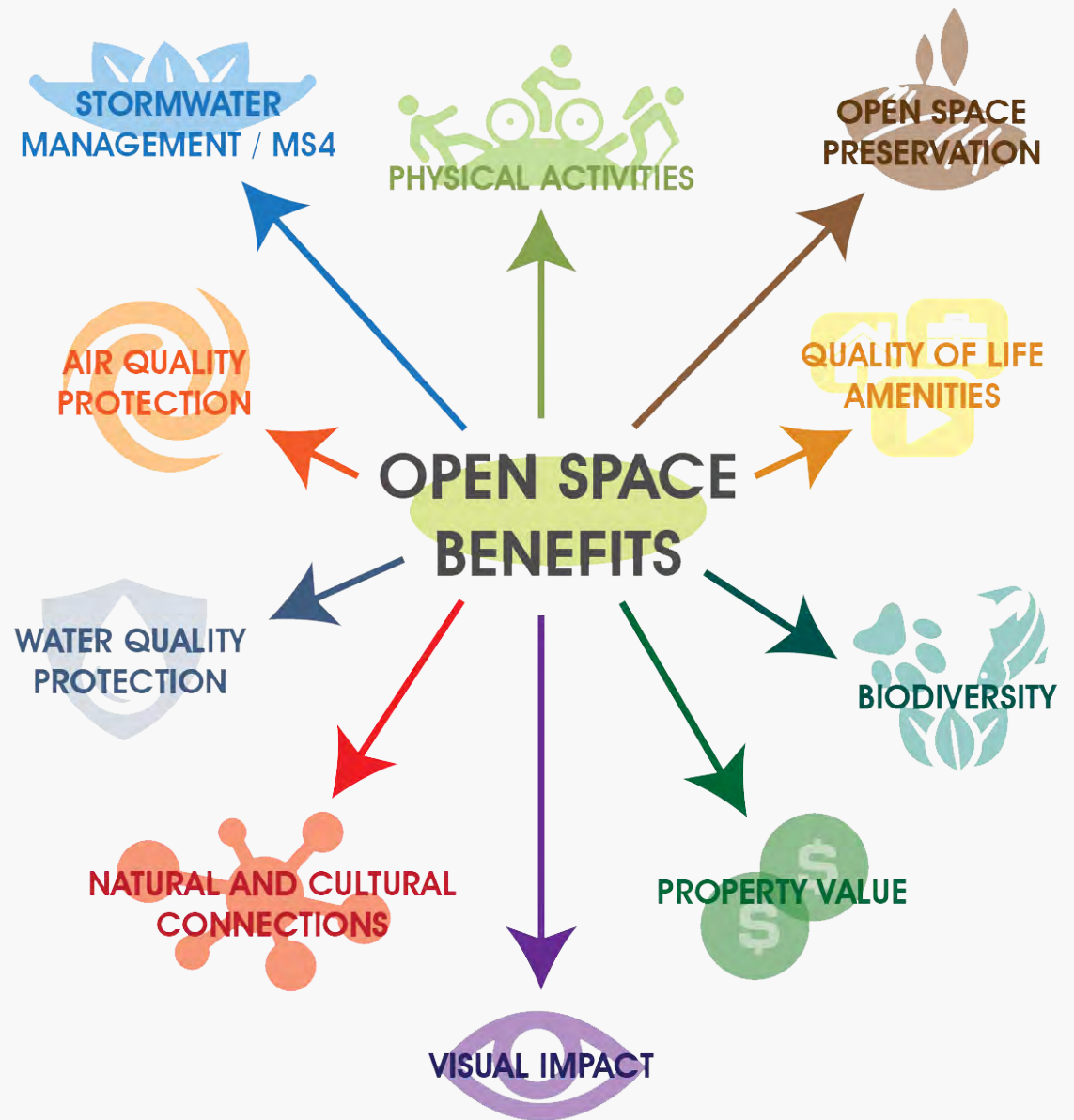


Definition: *Open Space*

Open spaces are areas of land and water designated for use as active or passive recreation and/or for natural resource protection.

Open space includes:

- Parks with both active and passive recreation
- Agricultural lands – including wineries
- Natural lands such as wetlands, woodlands, etc.
- Untended lands
- Connecting greenways, blueways, and trails



Definition: *Stewardship*

Caring for a piece of land while taking into consideration its ecological, economic, social, and cultural dimensions.

Considerations:

- There is no recreation without protection and enhancement of resources
- Acquisition / Enhancement / Conservation beyond park boundaries
- Long-Term Planning
- Stewardship Partnerships (agencies / businesses / non-profits / local govts / volunteers)

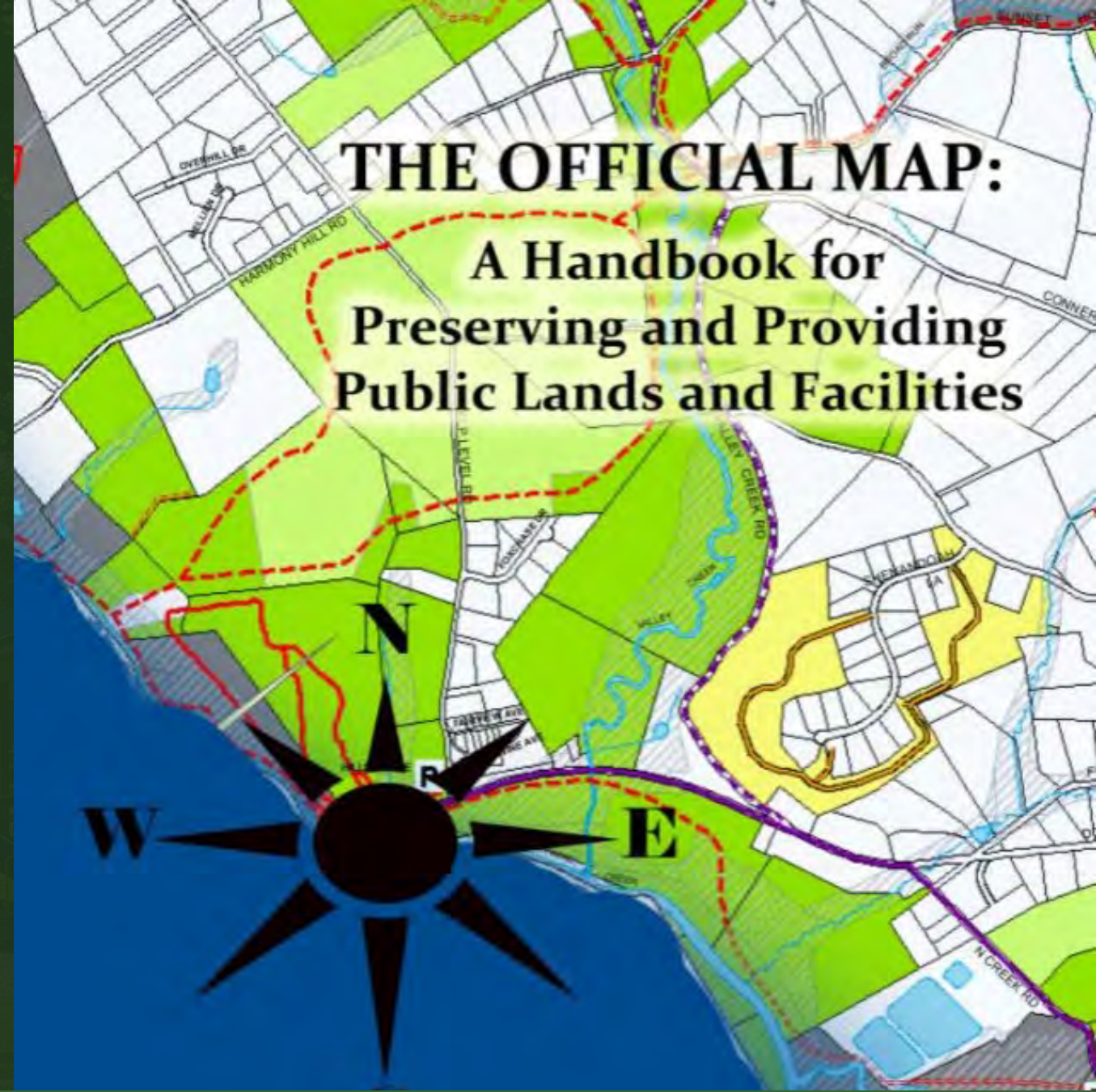


Definition: *Official Map*

The *Official Map* shows the locations of planned future public lands and facilities such as transportation, recreational parks and trails, and open space. The *Official Map* expresses a **municipality's interest in acquiring these lands for public purposes sometime in the future**

Benefits:

- *Focuses limited resources*
- *Saves time/money by informing property owners/developers of municipal goals in advance of development plan.*
- *Supports other land use management tools*
- *With a comprehensive plan, the official map can help secure grants.*



Definition: *Agricultural Land Preservation*

The process of legally restricting land to agricultural use.

Preservation can be achieved through:

- *Agricultural Conservation Easements*
 - Voluntary, legally binding contract prevents land development for anything other than agriculture; owner compensated for granting the easement; easements are sold in perpetuity
- *Deed Restrictions*
- *Agricultural Security Areas*
 - Landowners voluntarily enroll their properties; receive temporary protection from local ordinances affecting farming activity which the Township reviews regularly.

Benefits:

- *Protects farmland*
- *Supports local economy; ensures food supply.*
- *Preserves/protects natural resources*
- *Keeps property taxes low.*





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Survey Results Update

530
Responses
to date!

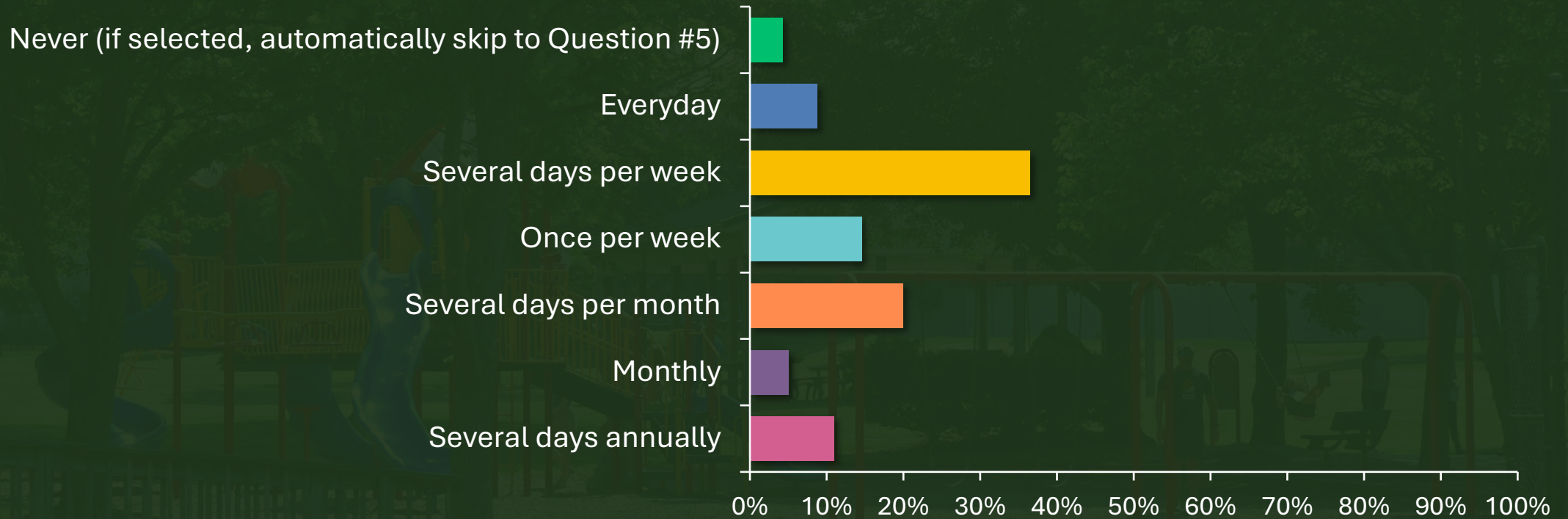
* 381 responses since previous meeting *



Public Opinion Survey - STATUS

Q4:

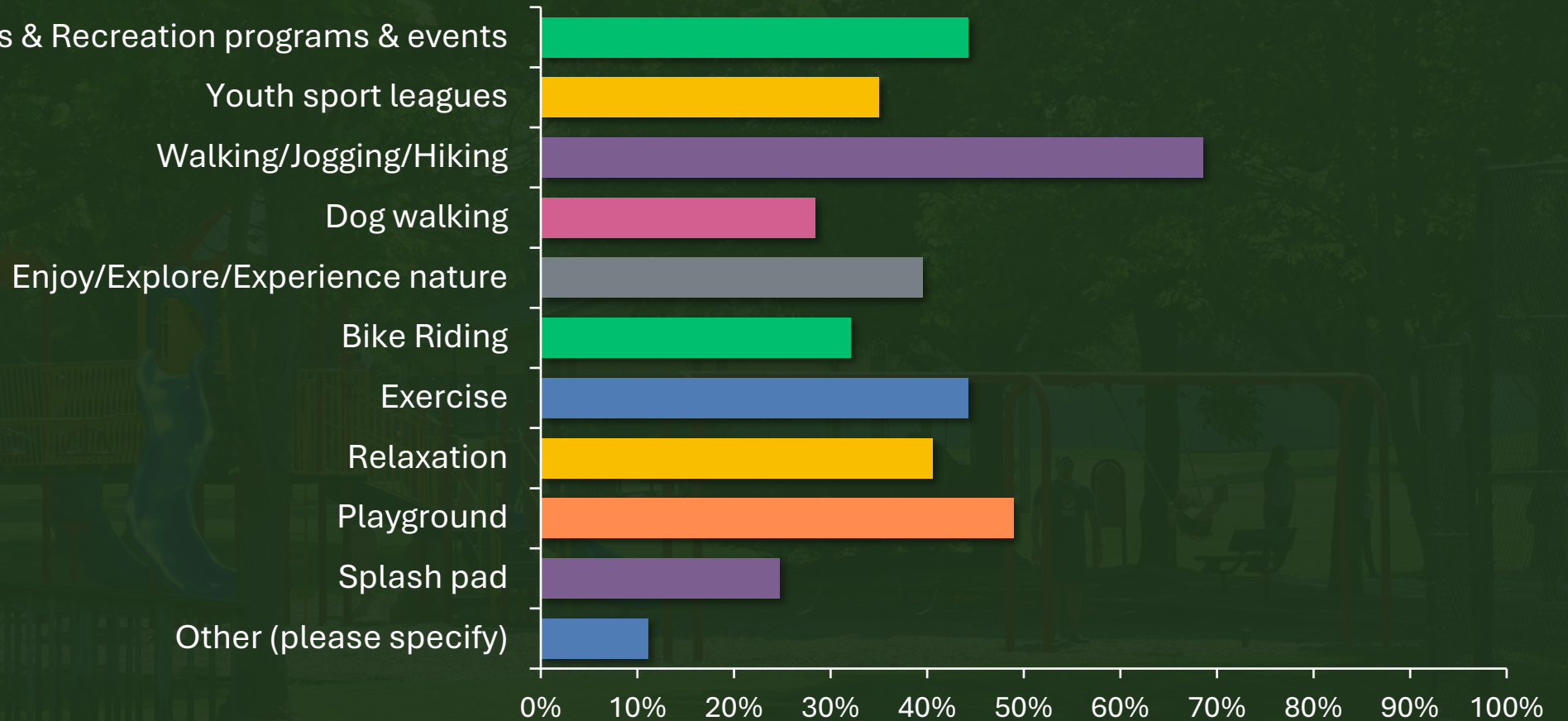
In your favorite season for park use (Spring, Summer, Fall, Winter), generally how often do people in your household visit parks in Upper Macungie Township?



Public Opinion Survey - STATUS

Q7:

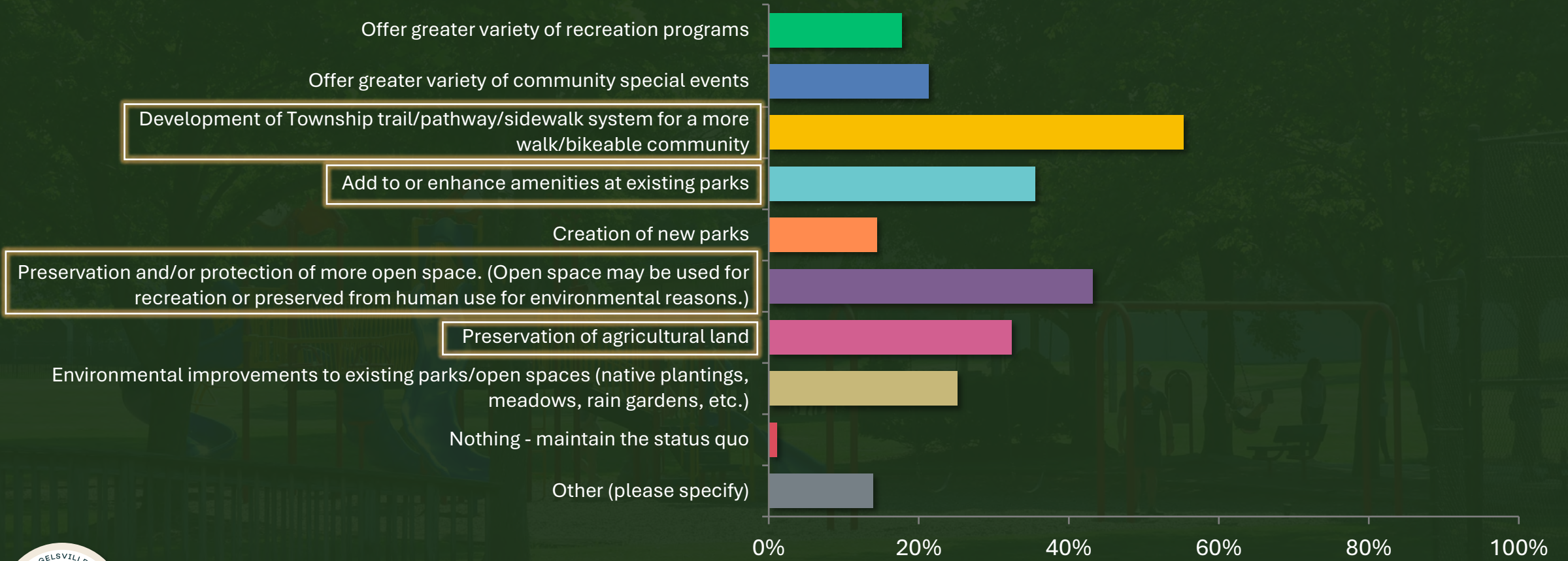
*For what purpose(s) do people in your household visit parks/recreation sites in Upper Macungie Township?
Select all that apply.*



Public Opinion Survey - STATUS

Q26:

Over the next 3 to 5 years, where should Upper Macungie Township's recreational / park / open space priorities be? Select up to three (3).





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Key Person Interviews & Focus Groups



KPIs & Focus Groups

Key Person Interviews (KPIs)

1. UMT-Police Department
2. SPYA-President
3. UMT- Planning Director / Township Engineer (KCE)
4. Parkland School District - School Board President
5. Breiningsville VFW - Youth Baseball/ Softball
6. Coldwater Crossing HOA
7. Lehigh County Parks & Recreation Director
8. Lehigh Valley Planning Commission
9. Prologis
10. Lehigh County Agricultural Land Preservation Office (Donna Wright)

Focus Groups

Recreational Programming

Park Facilities

Open Space/ Agricultural Preservation





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Brainstorming



Brainstorming & Discussion

GOALS & VISION

Goals for the project — Initially broad, then specific

Facts - What we know already about Upper Macungie Open Space and Recreation

FACTS

CONCEPTS

Ideas for attaining project goals – Opportunities for improvement

Partners - Groups, Businesses, Institutions to create a partnership with

PARTNERS





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Next Steps



Next Steps

Upper Macungie Township Events:



- *Re-Scheduled! National Night Out! – Sunday, October 20, 2024 (2pm-6pm)*

- Key Person Interviews (KPIs) & Focus Group Scheduling
- Continued analysis
 - Data matrix (tabulated areas, descriptions, potential for conservation)
- November 4th: Recreation Staff + Public Works + Derek Dureka, Rob Gladfelter



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Thank You

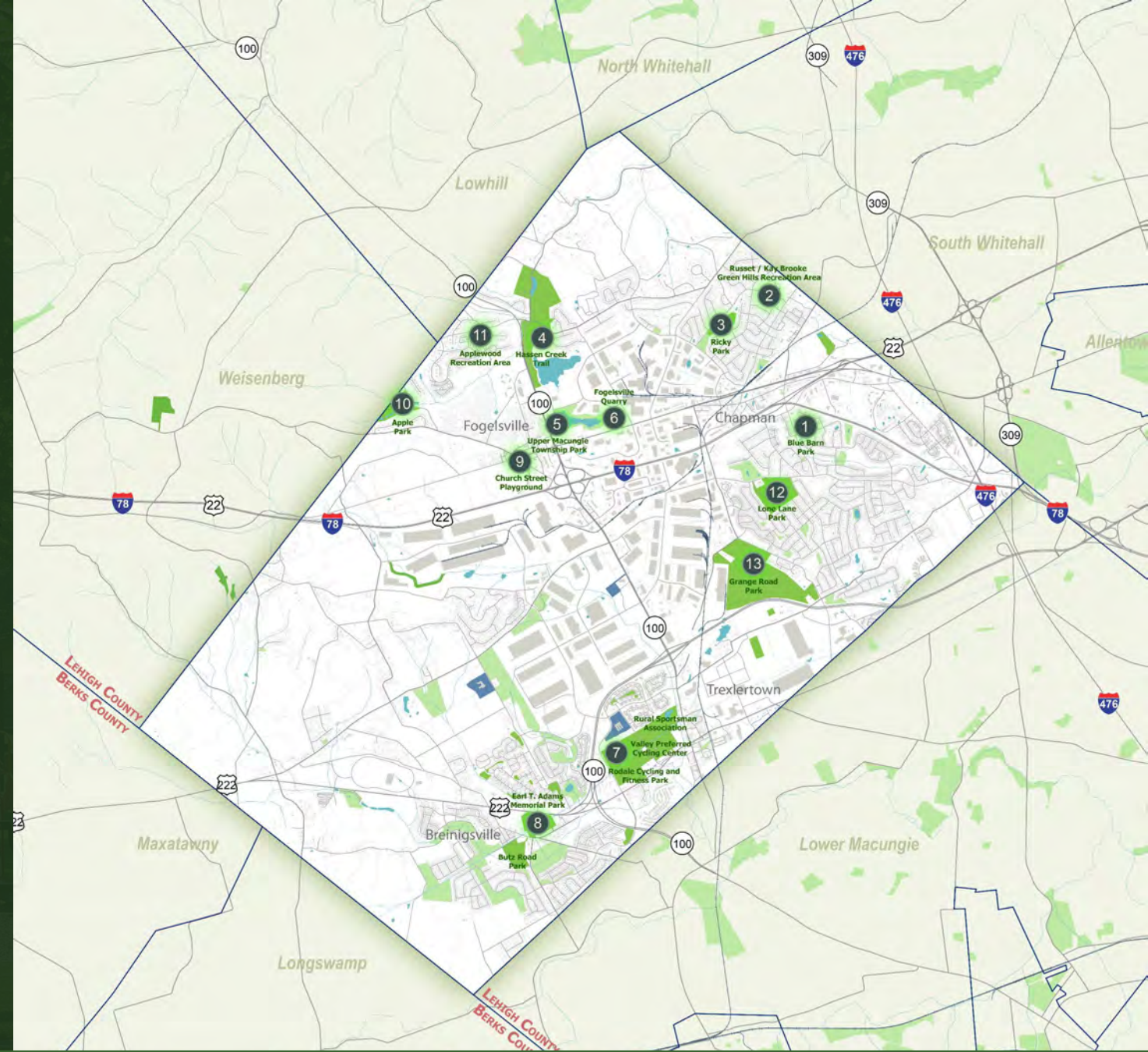
Contact Information:

Simone Collins Landscape Architecture – (610) 239-7601

- Peter Simone, RLA, FASLA, Principal
psimone@simonecollins.com
- Anita Nardone, PE, Civil Engineer, Project Manager
anardone@simonecollins.com
- Robert Gladfelter, RLA, ASLA, Project Manager
rgladfelter@simonecollins.com
- Leonard Bustos, Staff Landscape Architect
lbustos@simonecollins.com
- Derek Dureka, CPRP, Recreation Consultant

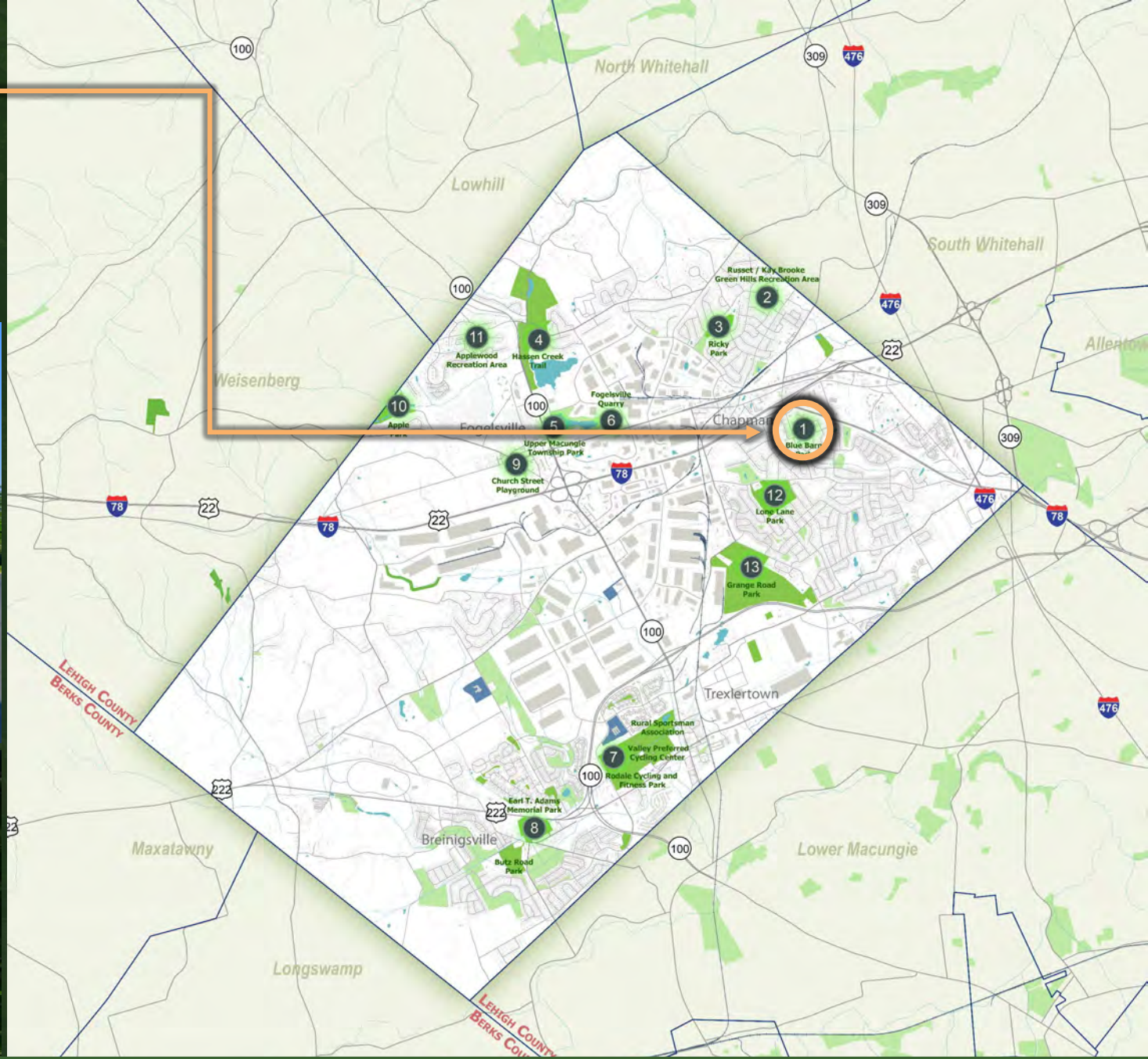
Township Tour of Parks

1. Blue Barn Park
2. Russet / Kay Brook Green Hills Park (Private)
3. Ricky Park
4. Hassen Creek Trail / Fogelsville Dam Park
5. Route 100 Upper Macungie Park
6. Fogelsville Quarry
7. Rodale Park / Velodrome
8. Breinigsville Park / Earl Adams Memorial Park
9. Church Street Park
10. Apple Park
11. Applewood Recreation Area (Private)
12. Lone Lane Park
13. Grange Park

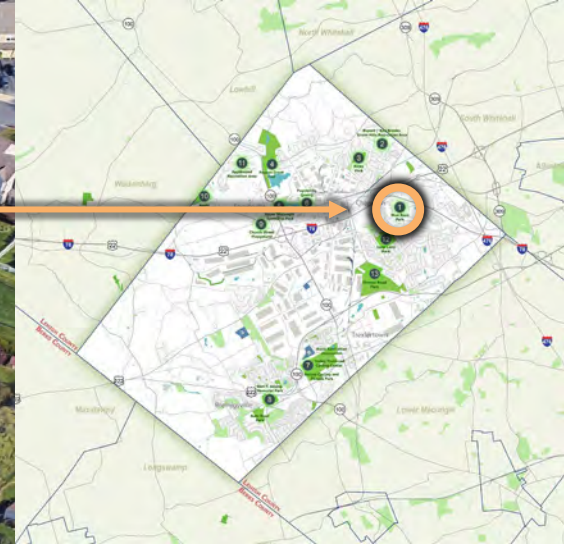


1. Blue Barn Park

- 3.9 acres
- 1 Basketball Court
- 3 Tennis Courts

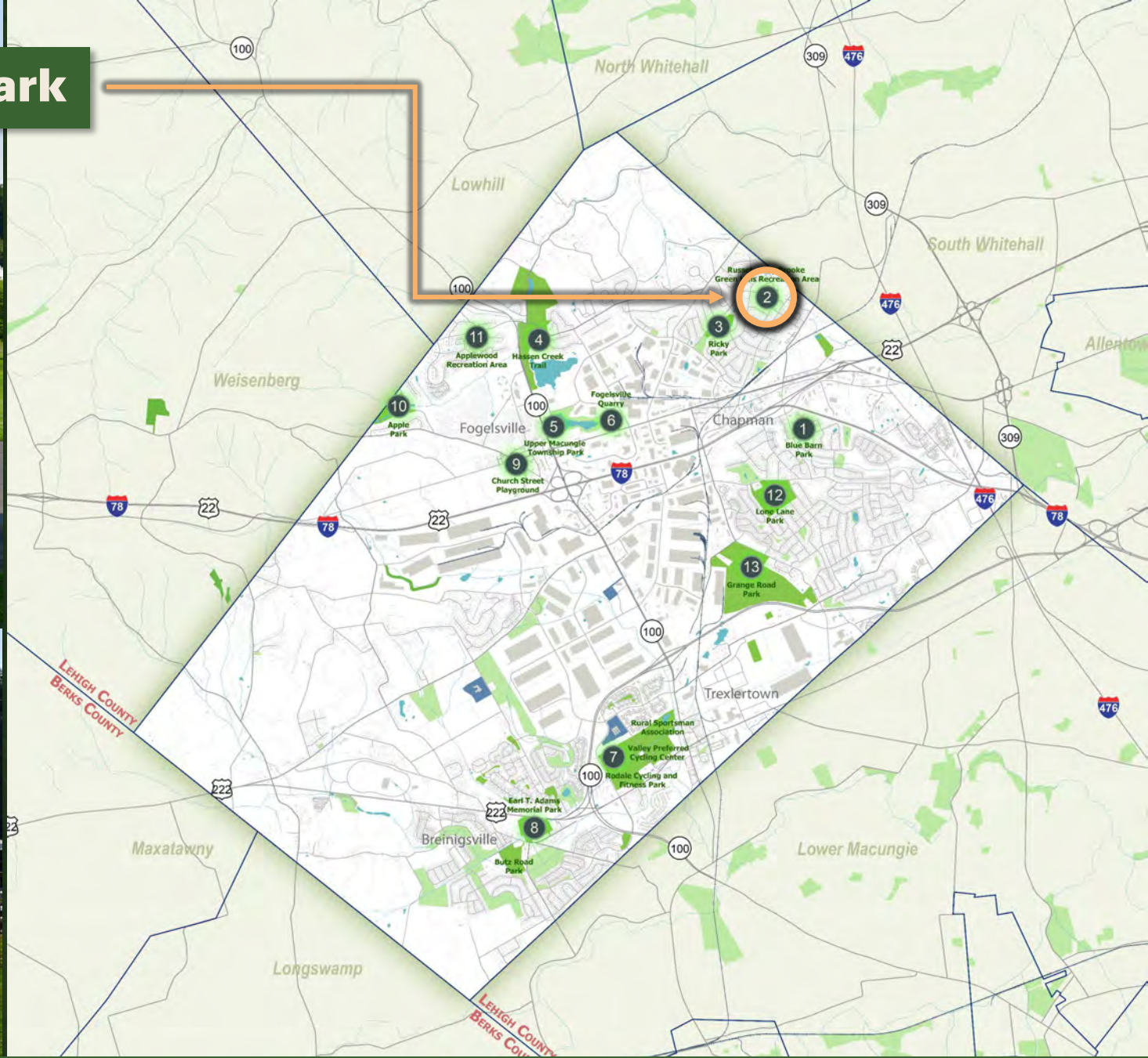


1. Blue Barn Park



2. Russet / Kay Brook Green Hills Park

- 3.52 acres
- Private Swim Club
- 1 Restroom
- 1 Playground
- 1 Basketball Court
- 1 Multiuse Field
- Horseshoe Pits
- Kay Private Swim Club
- New facilities being added

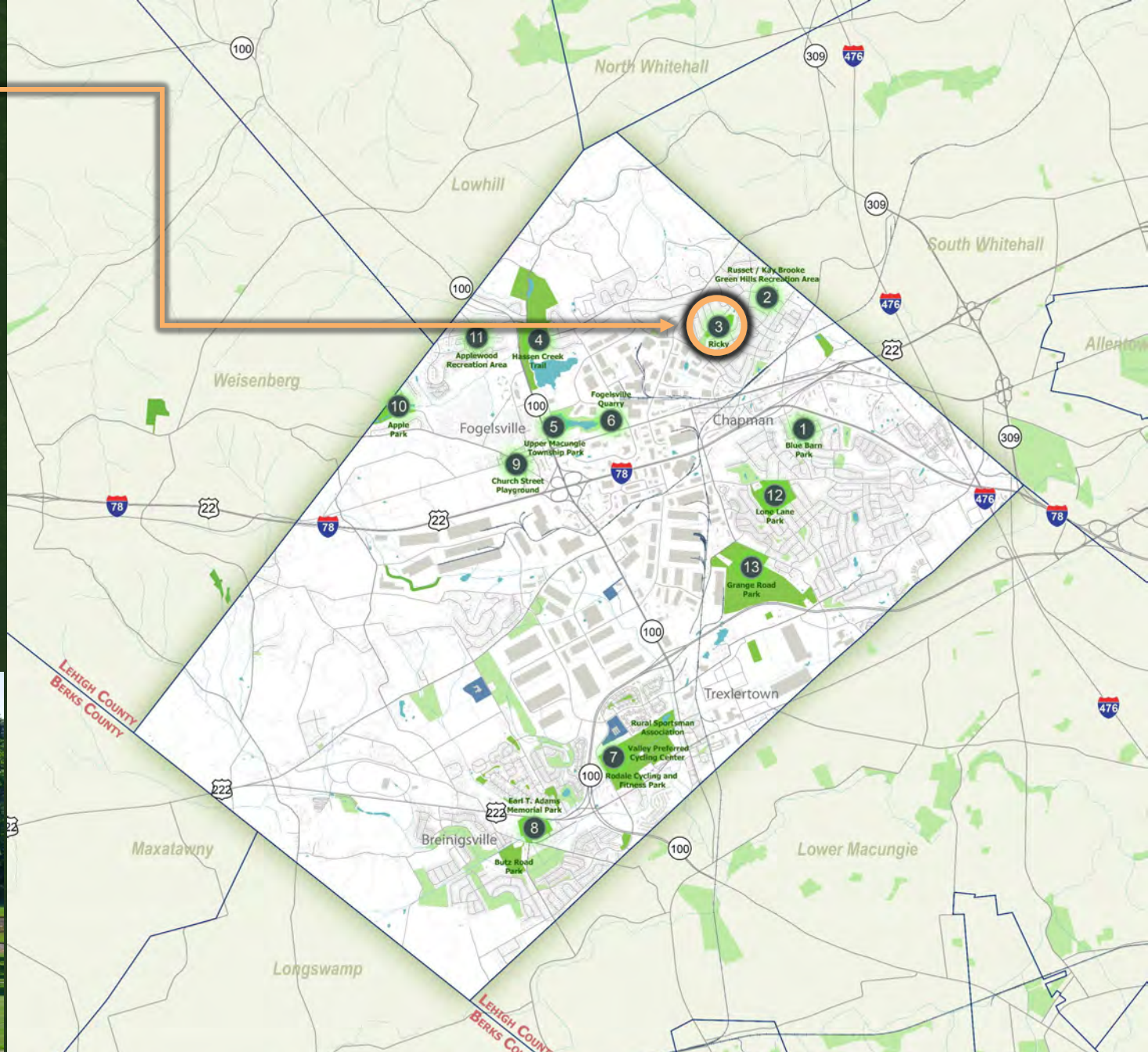


2. Russet / Kay Brook Green Hills Park



3. Ricky Park

- 19.37 acres
- Trails (.5 miles)
- 1 Restroom
- 1 Pavilion
- 1 Baseball/Softball Field
- 1 Basketball
- 1 Multiuse Field
- 2 Tennis Courts
- 2 Playgrounds
- Picnic Area
- Water Fountains

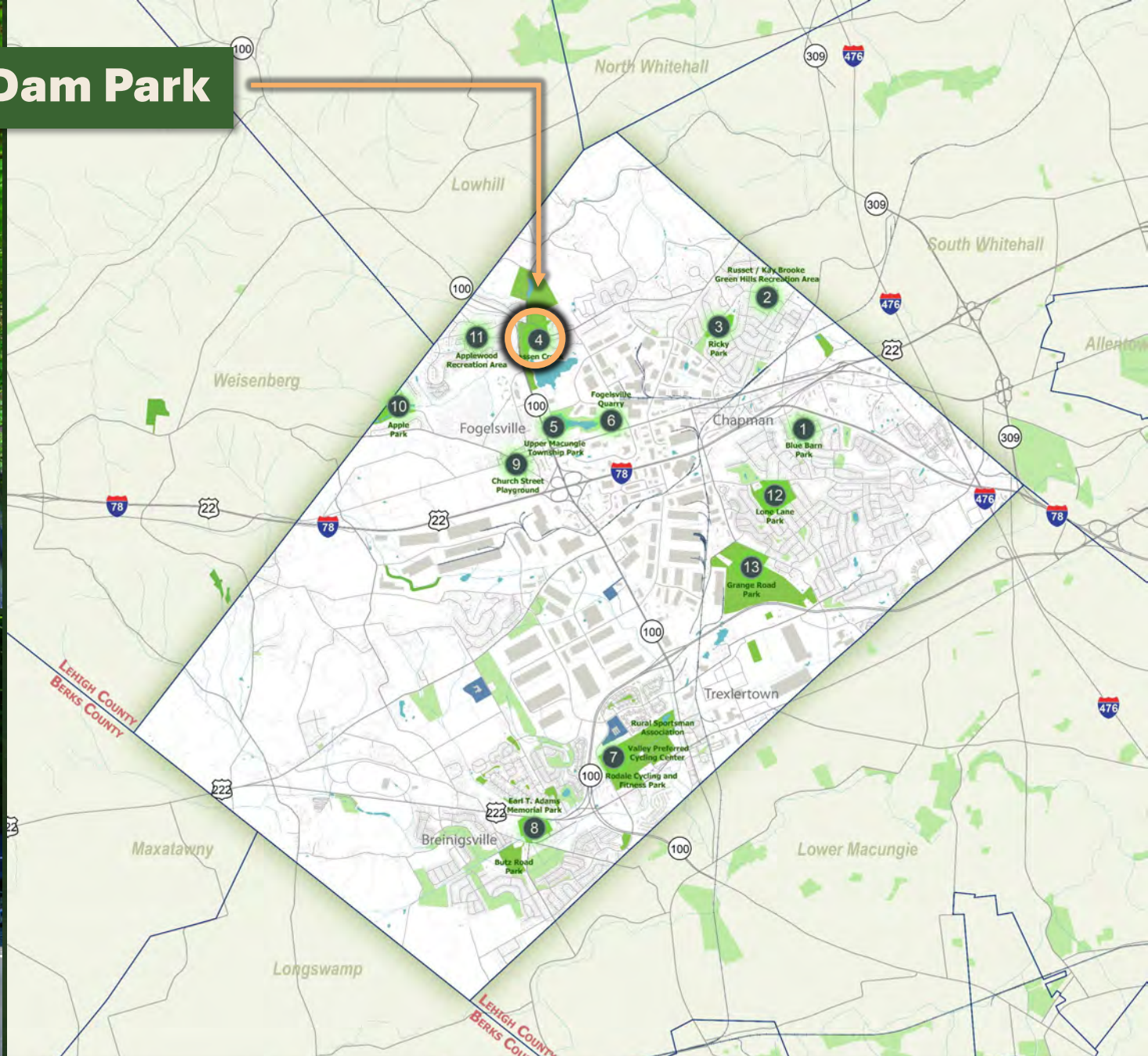


3. Ricky Park



4. Hassen Creek Trail / Fogelsville Dam Park

- 50.7 acres
- Trails (.9 miles)
- Fishing Area

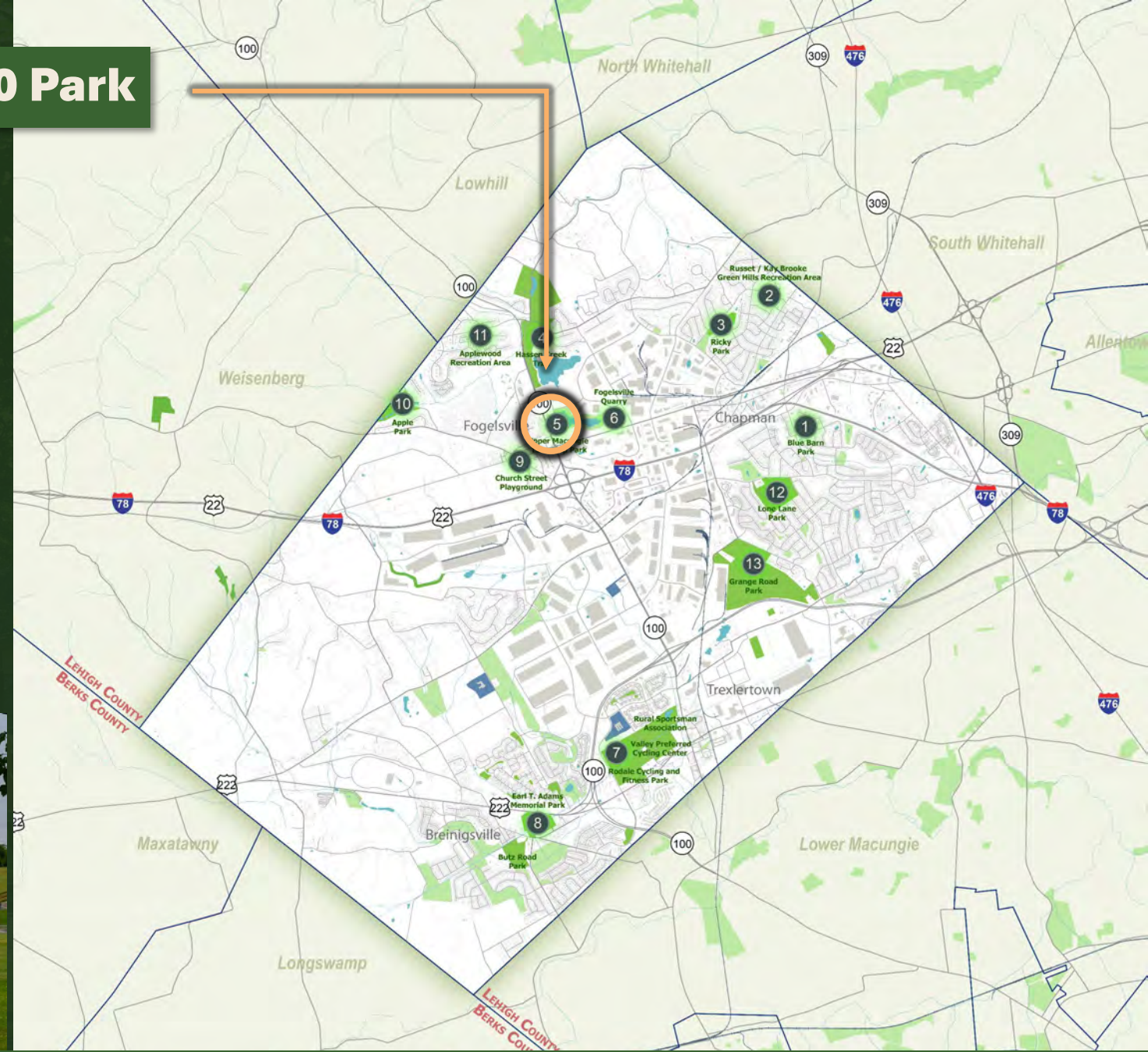


4. Hassen Creek Trail / Fogelsville Dam Park



5. Upper Macungie Park / Route 100 Park

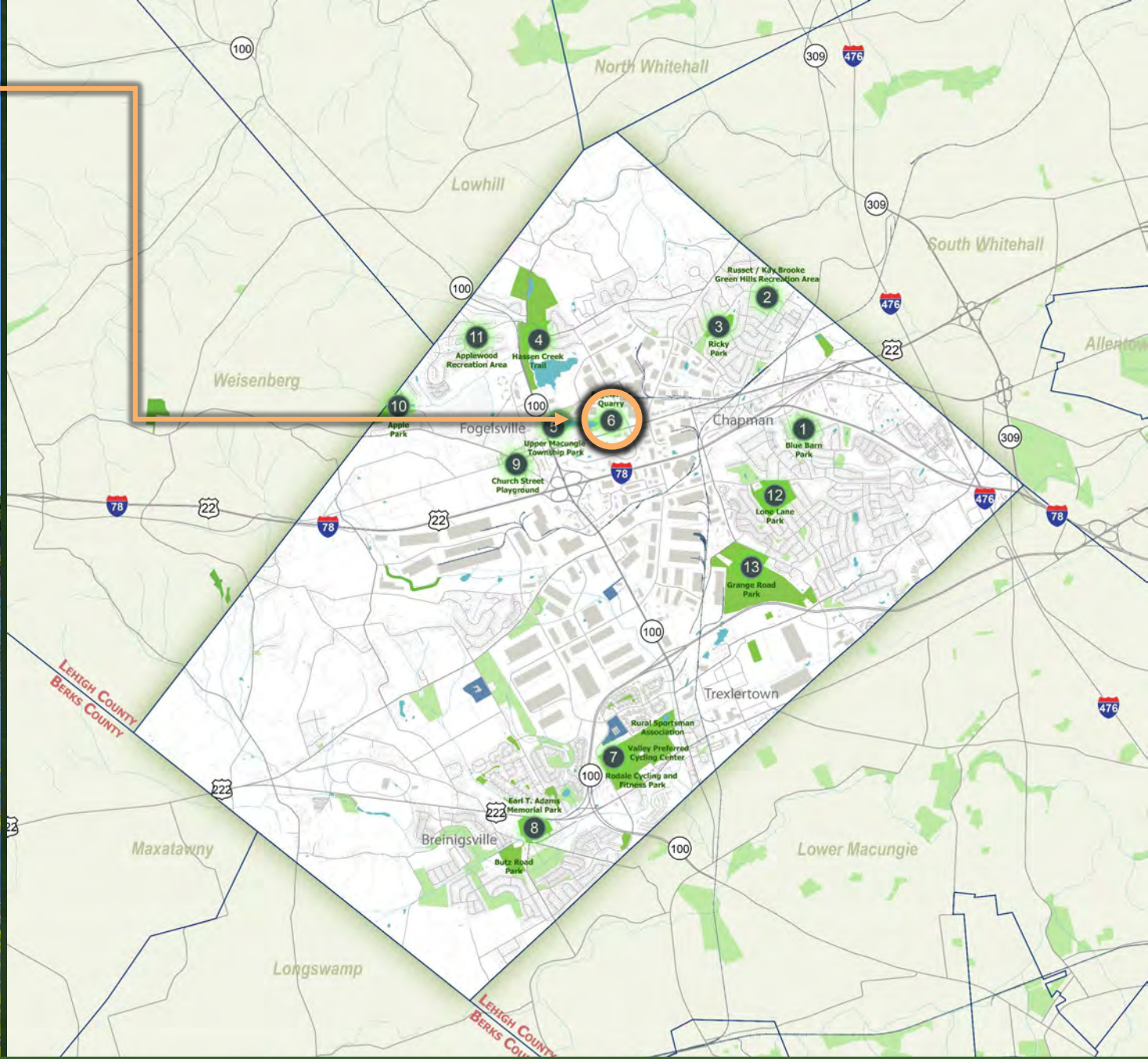
- 37.7 acres
- 1 Restroom
- 1 Playground
- 1 Multiuse Field
- 2 Volleyball Courts
- 2 Baseball/Softball Fields
- 2 Pavilions
- Picnic Area
- Disc Golf
- Dog Park
- Horseshoe Pits
- Water Fountains



5. Upper Macungie Park / Route 100 Park



6. Fogelsville Quarry

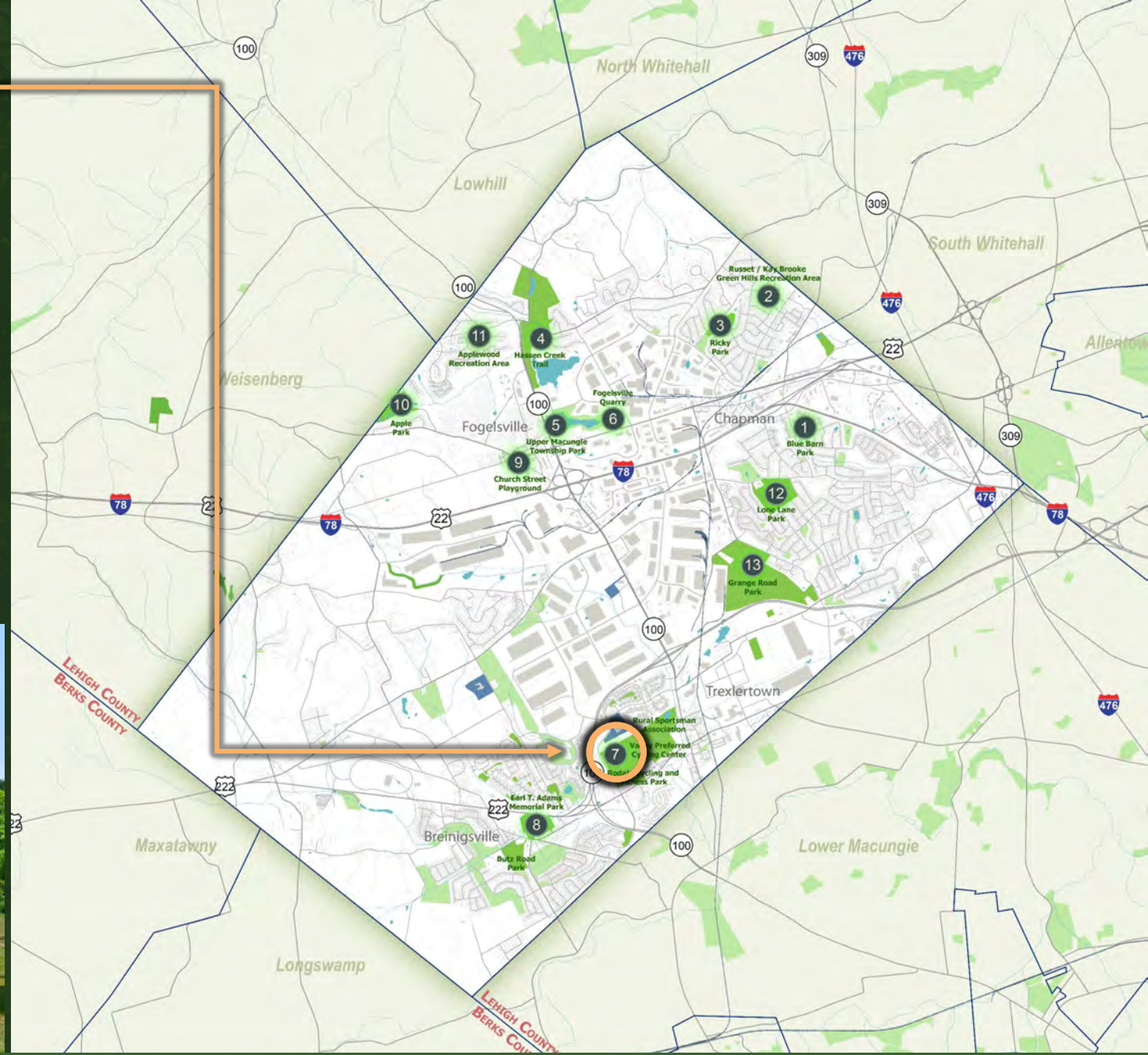


6. Fogelsville Quarry



7. Rodale Park / Velodrome

- 103.4 acres
- Owned by Lehigh Valley
- 1 Restroom
- 1 Playground
- 1 Basketball Court
- 1 Volleyball Court
- 2 Baseball/Softball Fields
- 2 Soccer Fields
- Velodrome/Bicycle Course
- Wetland Boardwalk

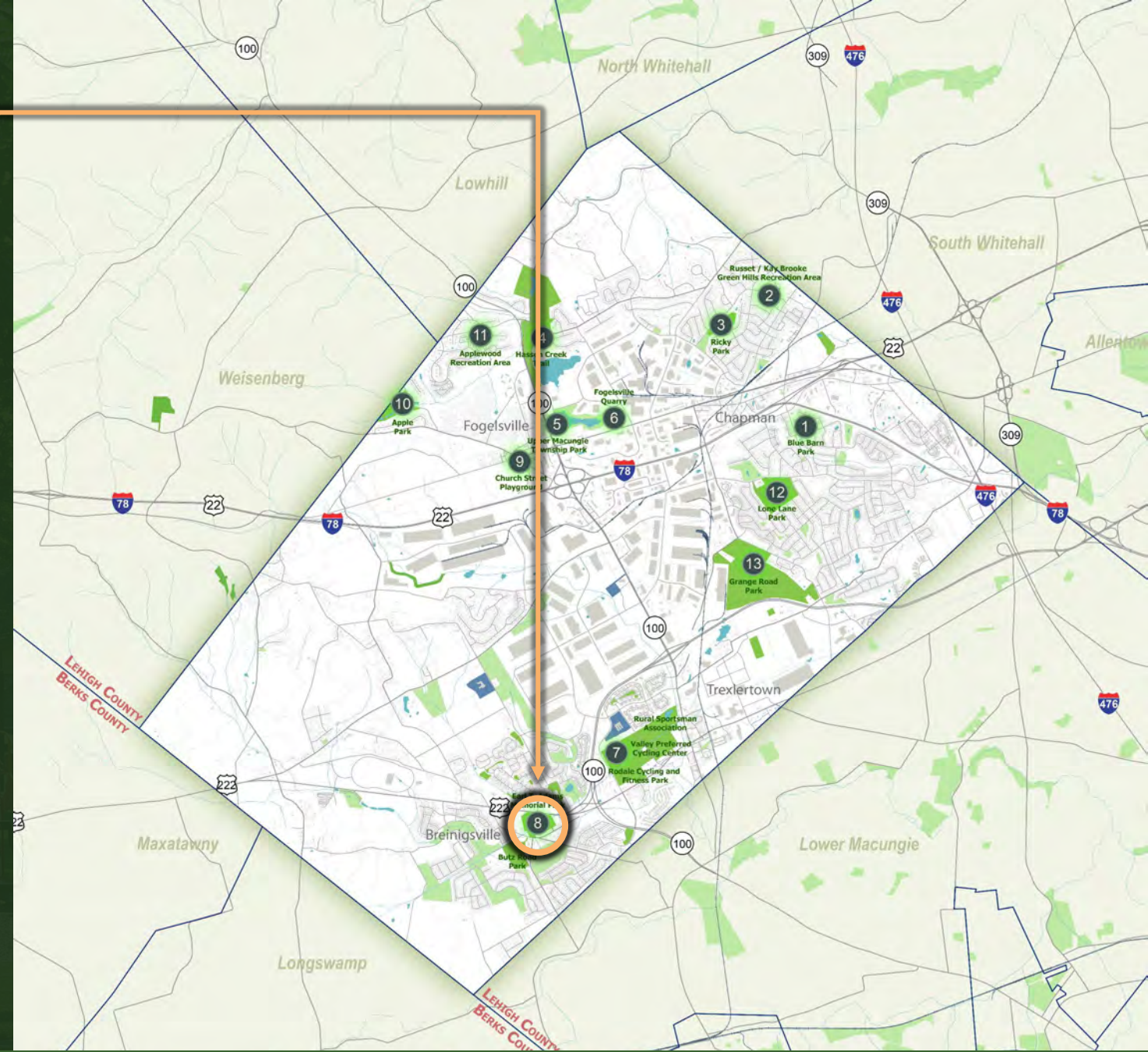


7. Rodale Park / Velodrome

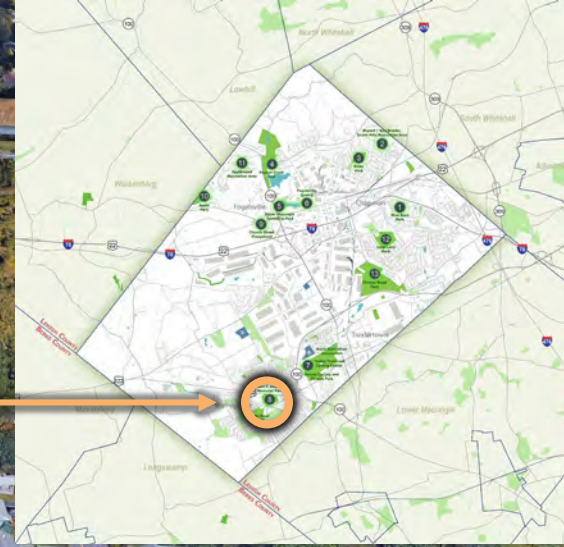


8. Breinigsville Park / Earl Adams Memorial Park

- 20 acres
- Trails (.6 miles)
- 1 Restroom
- 1 Playground
- 1 Basketball
- 1 Volleyball Court
- 2 Pavilions
- 3 Baseball/Softball Fields
- Picnic Area
- Horseshoe Pits
- Game Tables
- Water Fountains

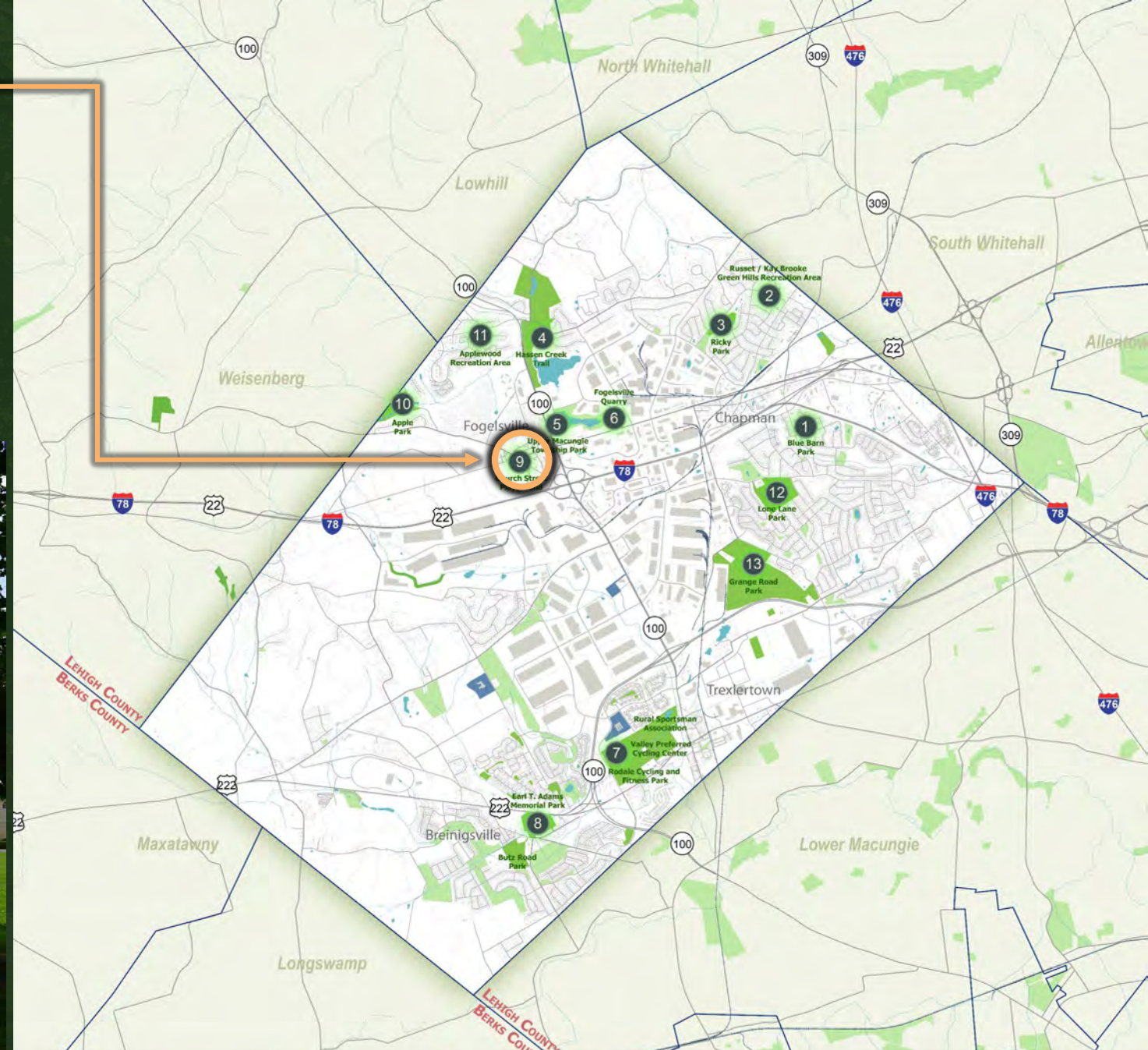


8. Breinigsville Park / Earl Adams Memorial Park



9. Church Street Park

- 2 acres
- 1 Pavilion
- 1 Basketball Court
- 1 Multiuse Field
- 1 Volleyball Court
- Porta John

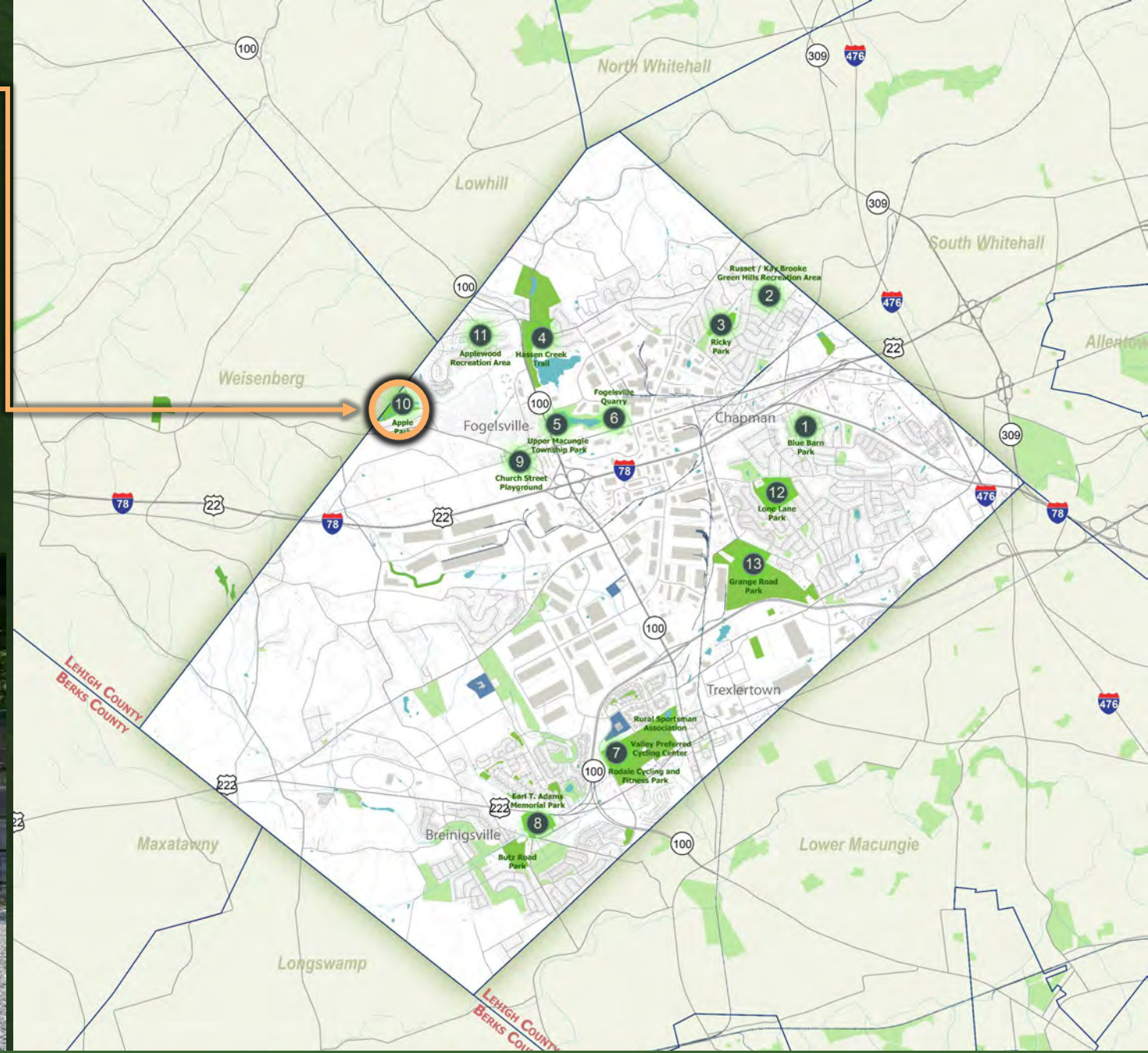


9. Church Street Park



10. Apple Park

- 20.66 acres
- 1 Restroom
- 1 Multiuse Field
- 1 Soccer Field
- Picnic Area
- Fishing Area
- 3 Ponds (South of Packhouse Rd.)
- Porta John

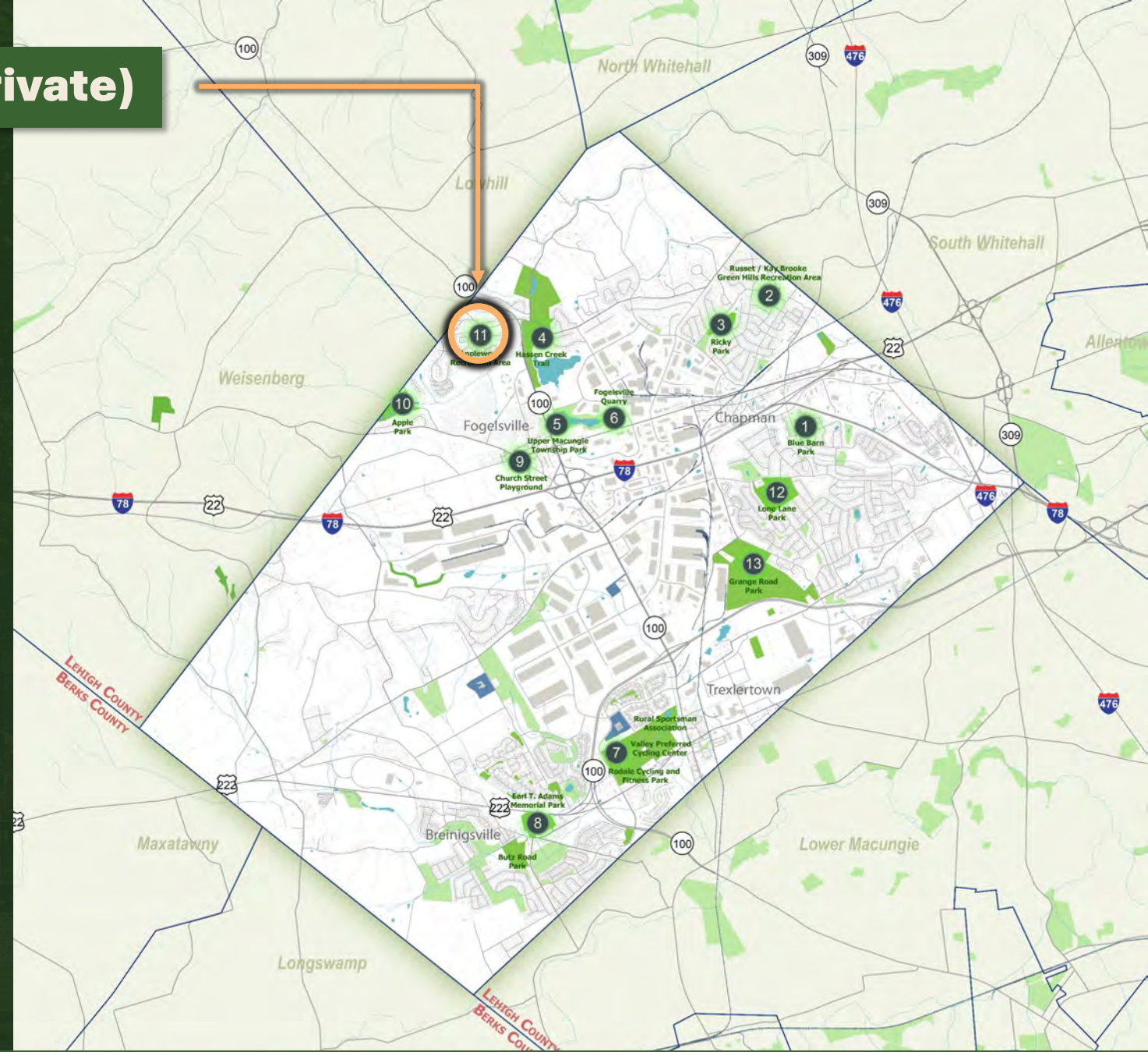


10. Apple Park

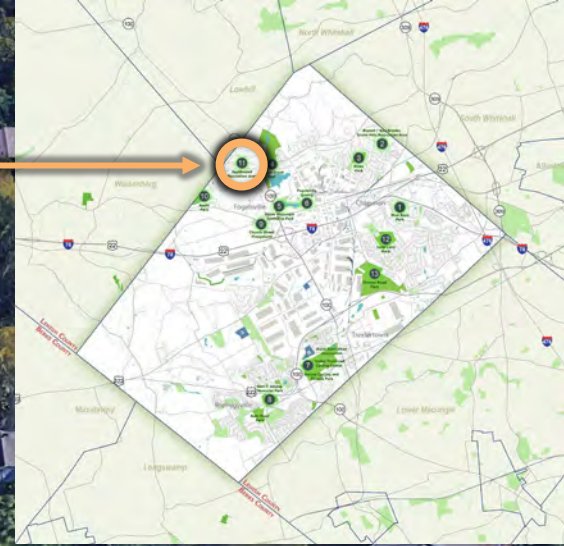


11. Applewood Recreation Area (Private)

- 6.92 acres
- 1 Playground
- 1 Basketball
- 1 Tennis Court
- Pool
- Applewood Clubhouse (Private)
- Applewood Homeowner Association

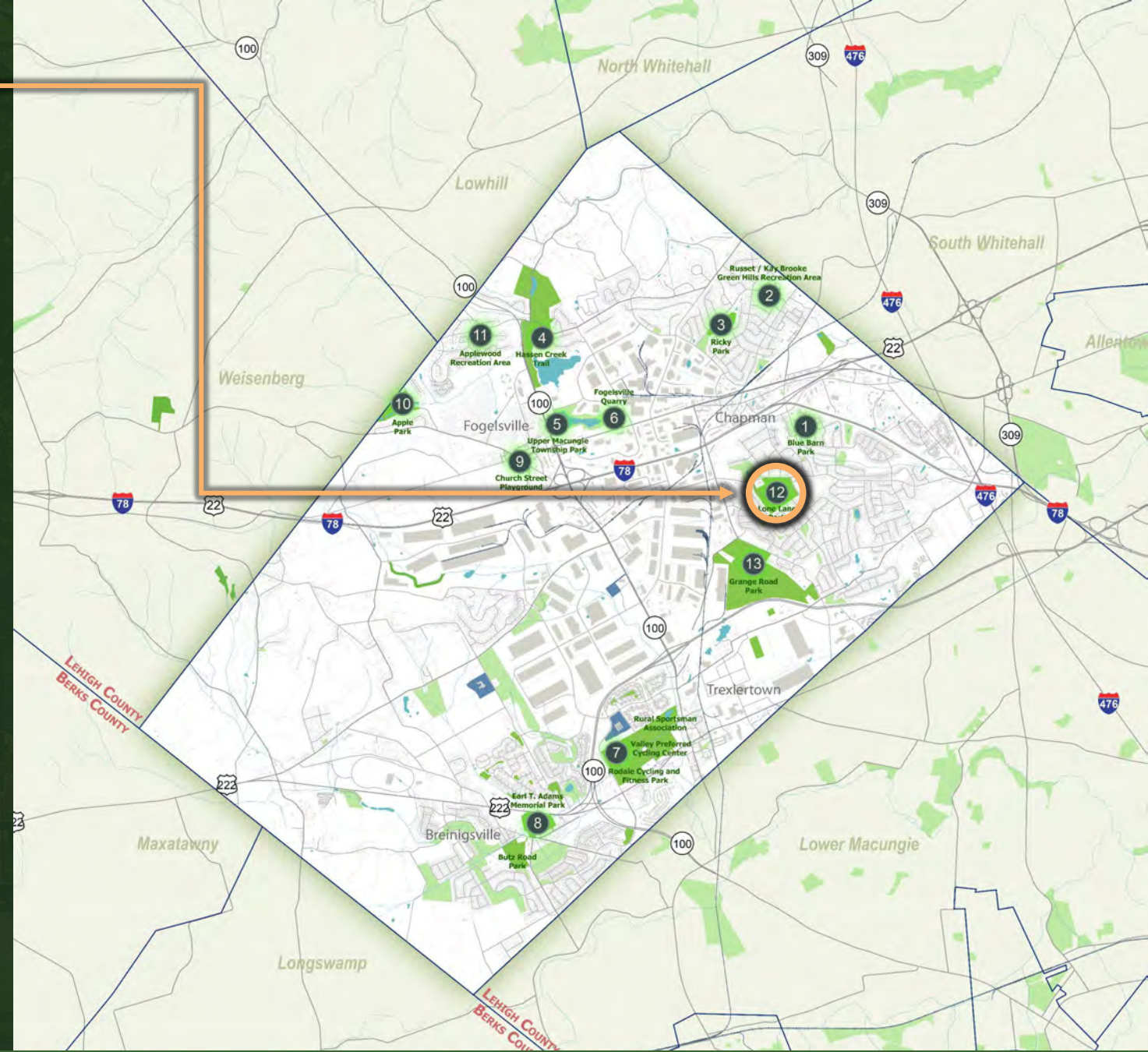


11. Applewood Recreation Area (Private)

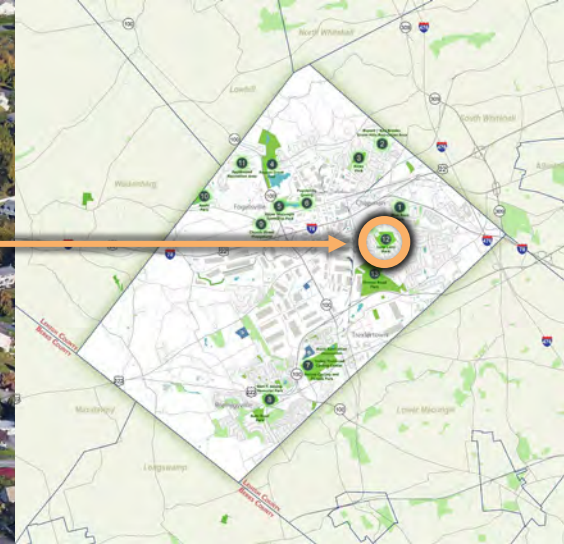


12. Lone Lane Park

- 41.5 acres
- Trail (1 mile)
- 1 Restroom
- 1 Pavilion
- 1 Playground
- 1 Volleyball Court
- 1 Basketball Full Court
- 1 Basketball Half Court
- 2 Pickleball Courts
- 3 Baseball/Softball Fields
- 3 Soccer Fields
- 11 Multiuse fields
- Picnic Area
- Horseshoe Pits
- Water Fountains

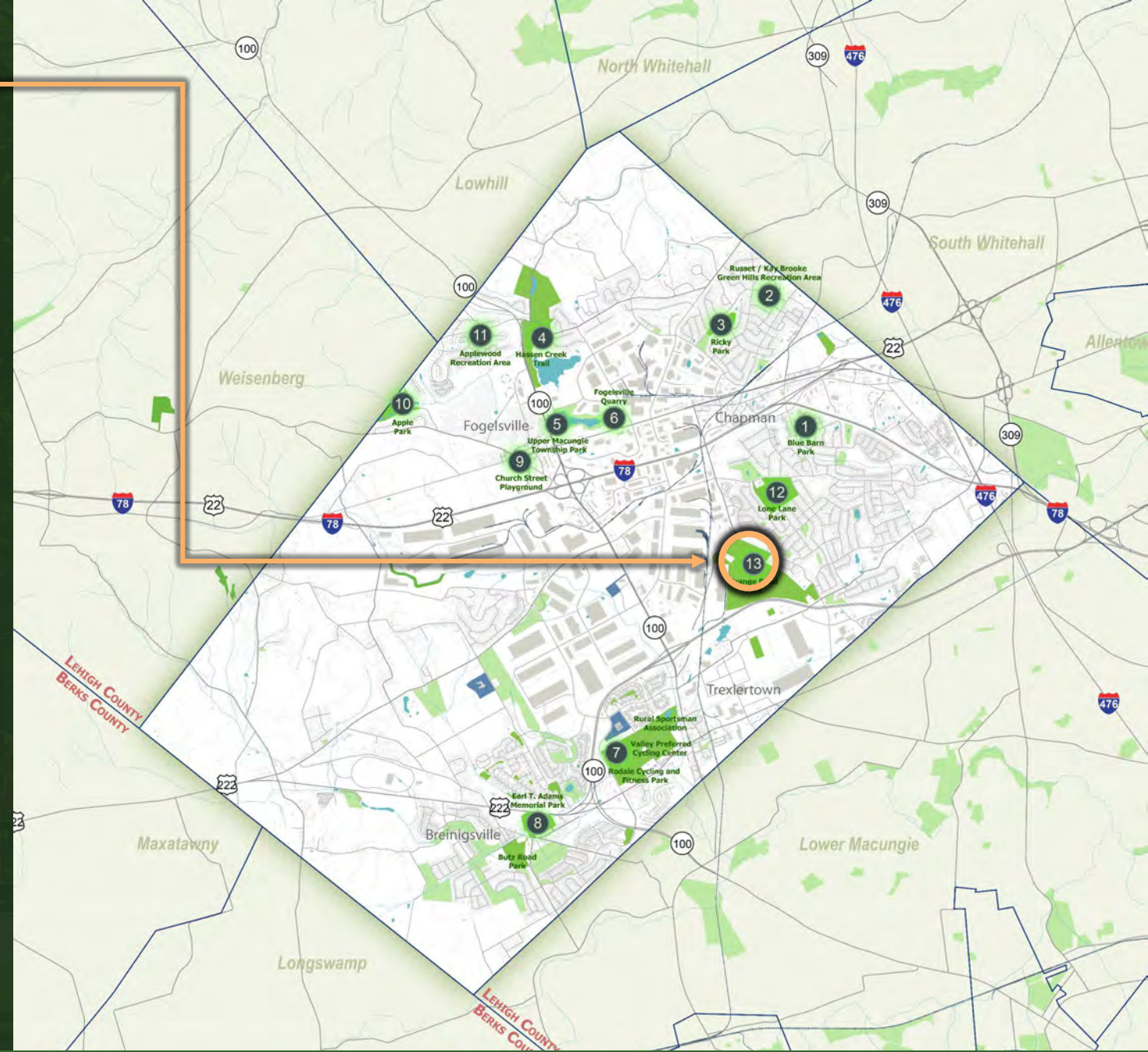


12. Lone Lane Park



13. Grange Park

- 157.6 acres
- 1 Playground
- 1 Baseball/Softball Field
- 2 Restrooms
- 4 Basketball Courts
- 6 Pavilions
- 7 Multiuse Fields
- 7 Soccer Fields
- 12 Pickleball Courts
- Splash Pad
- Picnic Area
- Dog Park
- Event Space
- Community Center



13. Grange Park

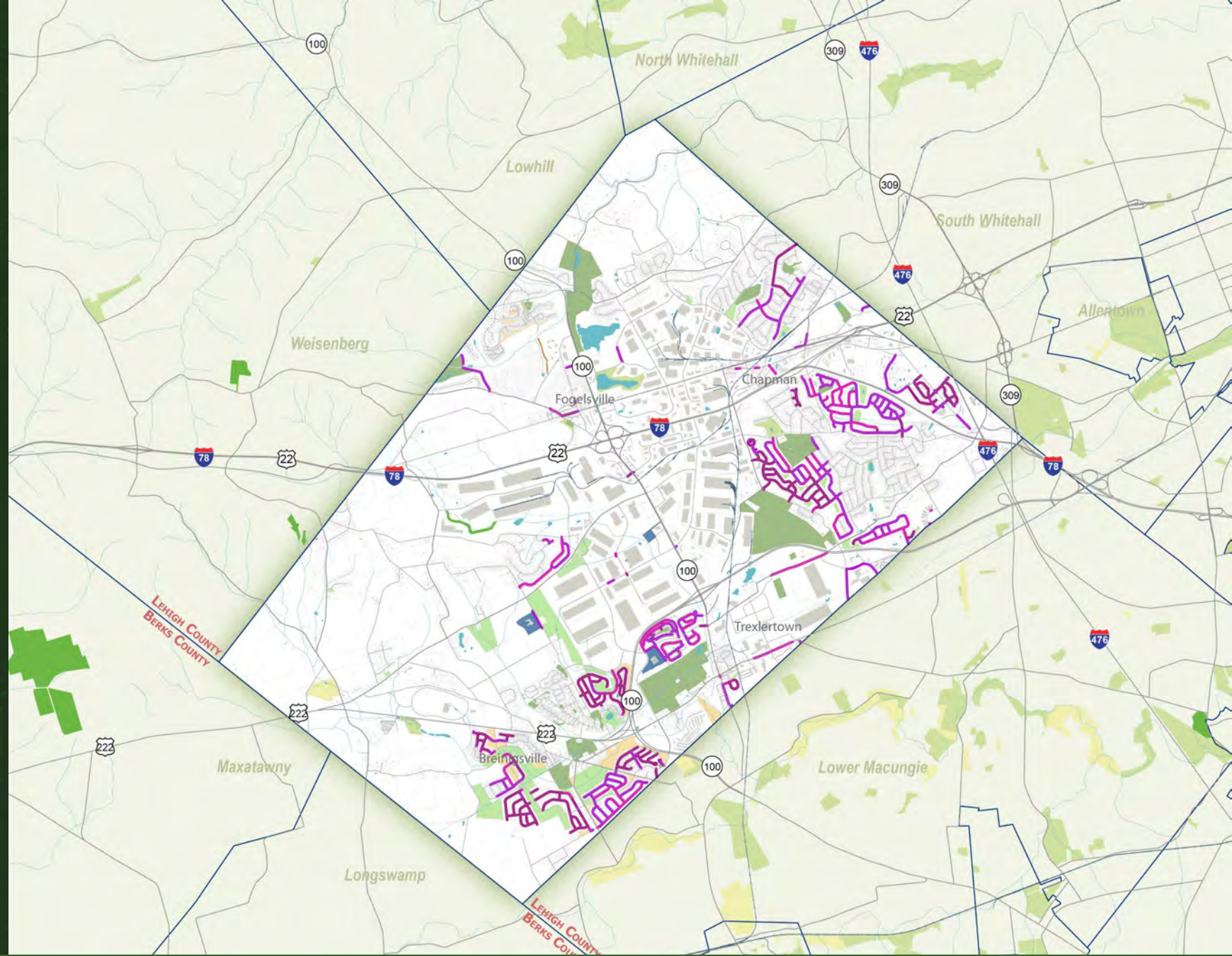


Existing Data

Sidewalk Inventory

Legend

- Local Road
- State Road
- Railroad - Active
- Parcel Boundary
- Municipal Boundary
- Park and Rec
- Open Space
- Institutional
- Water/Stream
- Sidewalk (Both Sides)
- Sidewalk (One Side)

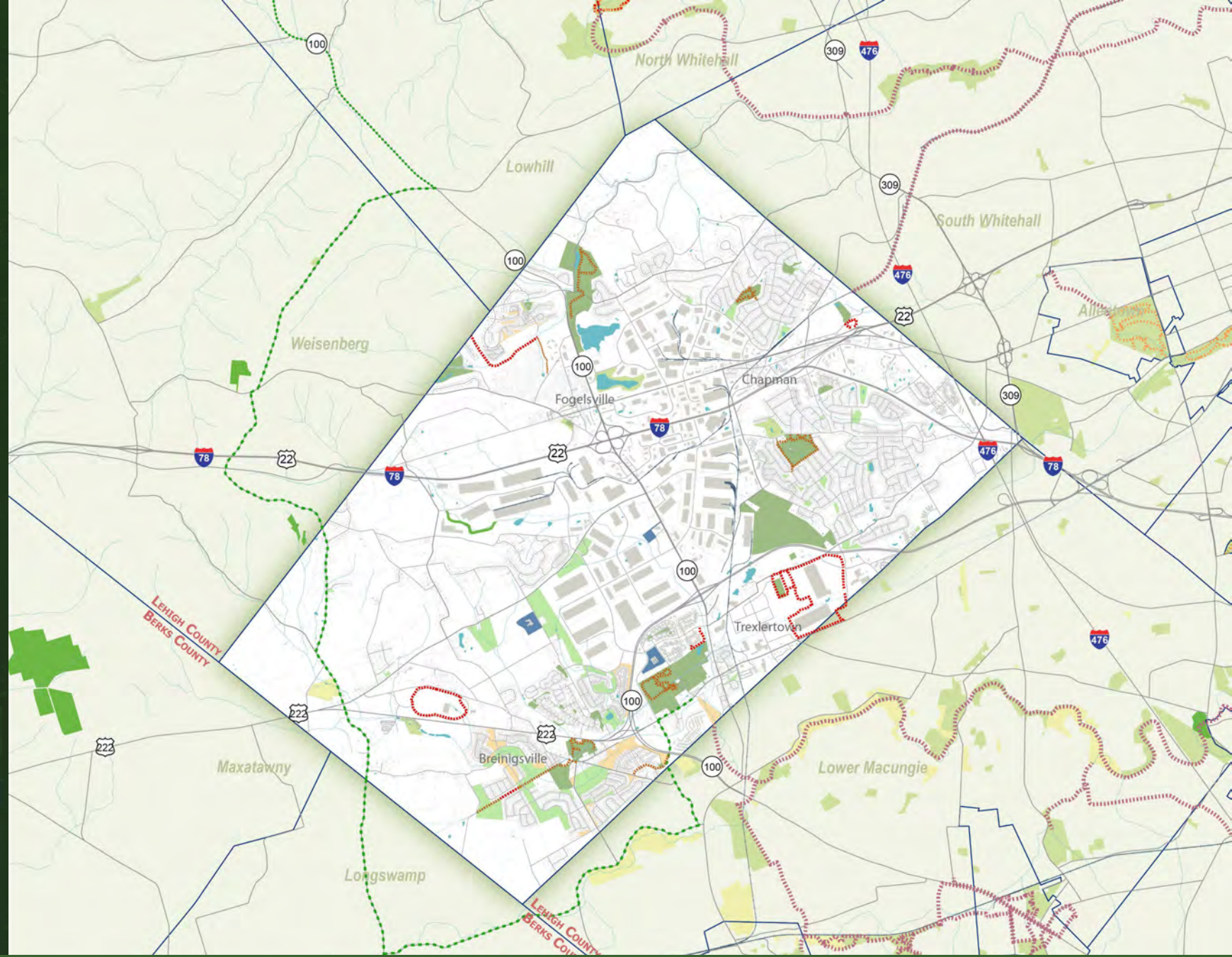


Existing Data

Existing Trails

Legend

- Local Road
- State Road
- Railroad - Active
- Parcel Boundary
- Municipal Boundary
- Park and Rec
- Open Space
- Institutional
- Water/Stream
- Existing Trail - Private
- Existing Hiking Trail - Public



Existing Data

STRAVA Run

Legend

Existing

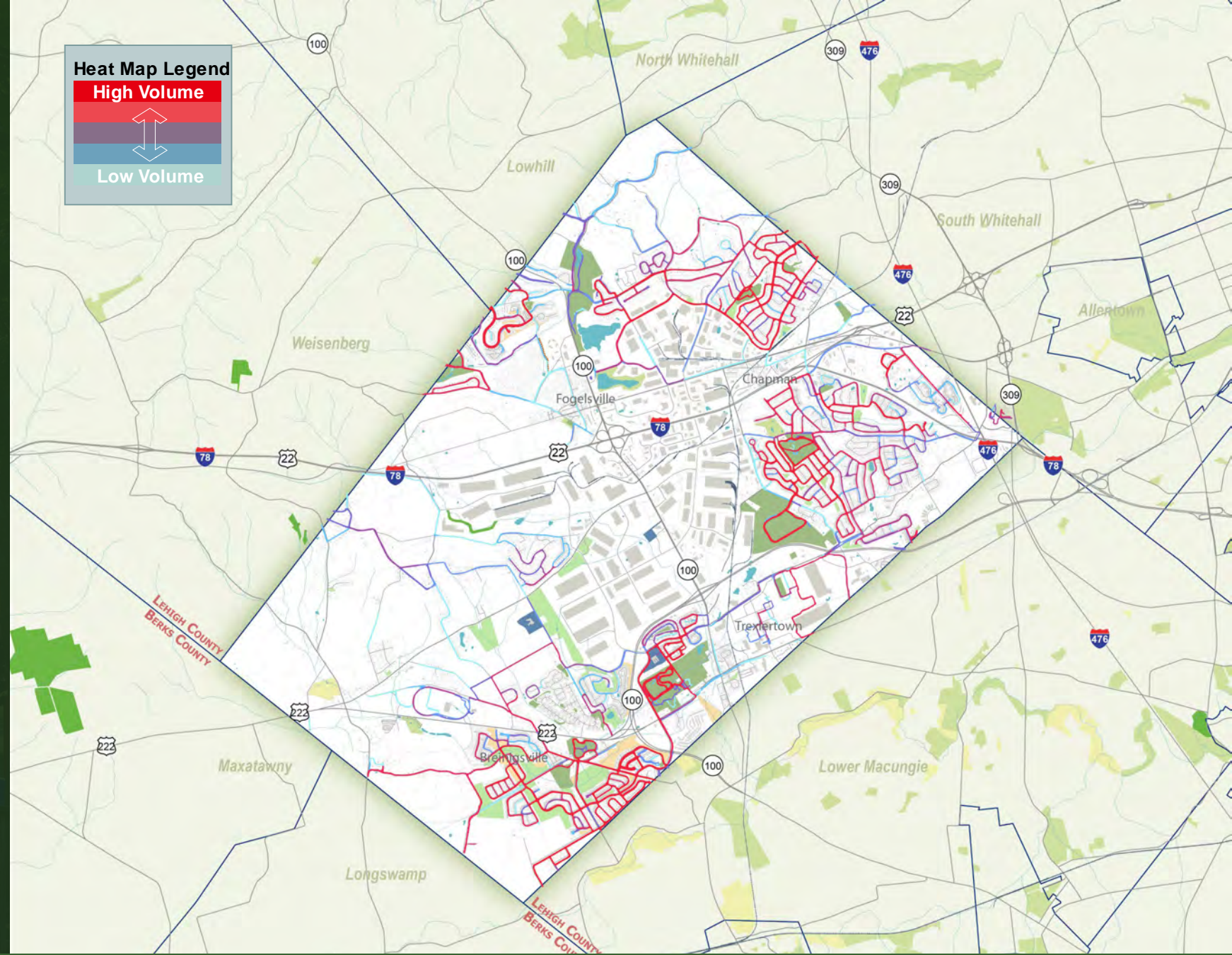
- Local Road
- State Road
- Parcel Boundary
- Municipal Boundary
- Railroad - Active
- Park and Rec
- Open Space
- Water / Stream
- Institutional

Heat Map Legend

High Volume



Low Volume



Existing Data

STRAVA Ride

Legend

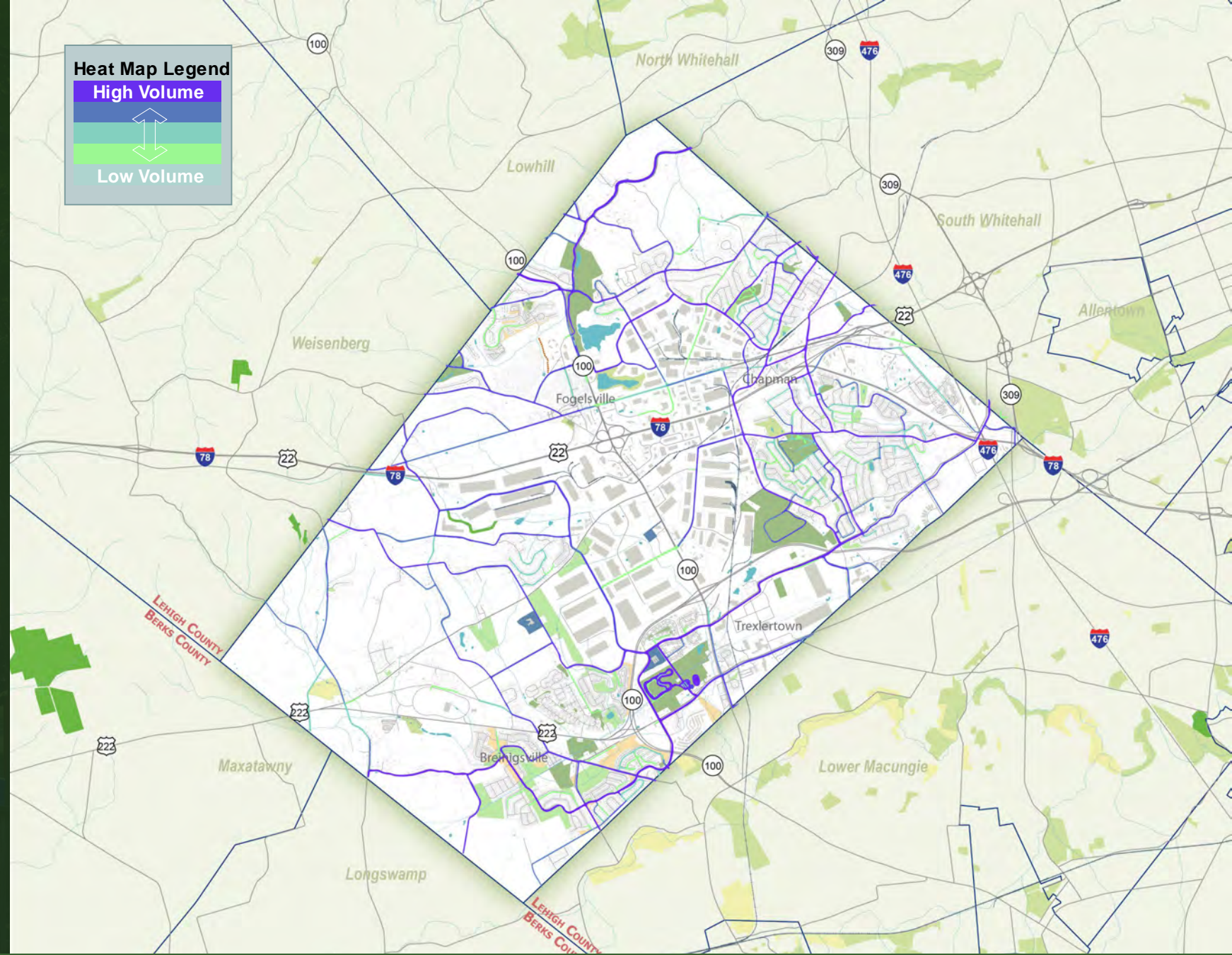
Existing

- Local Road
- State Road
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- Institutional

Heat Map Legend

High Volume

Low Volume

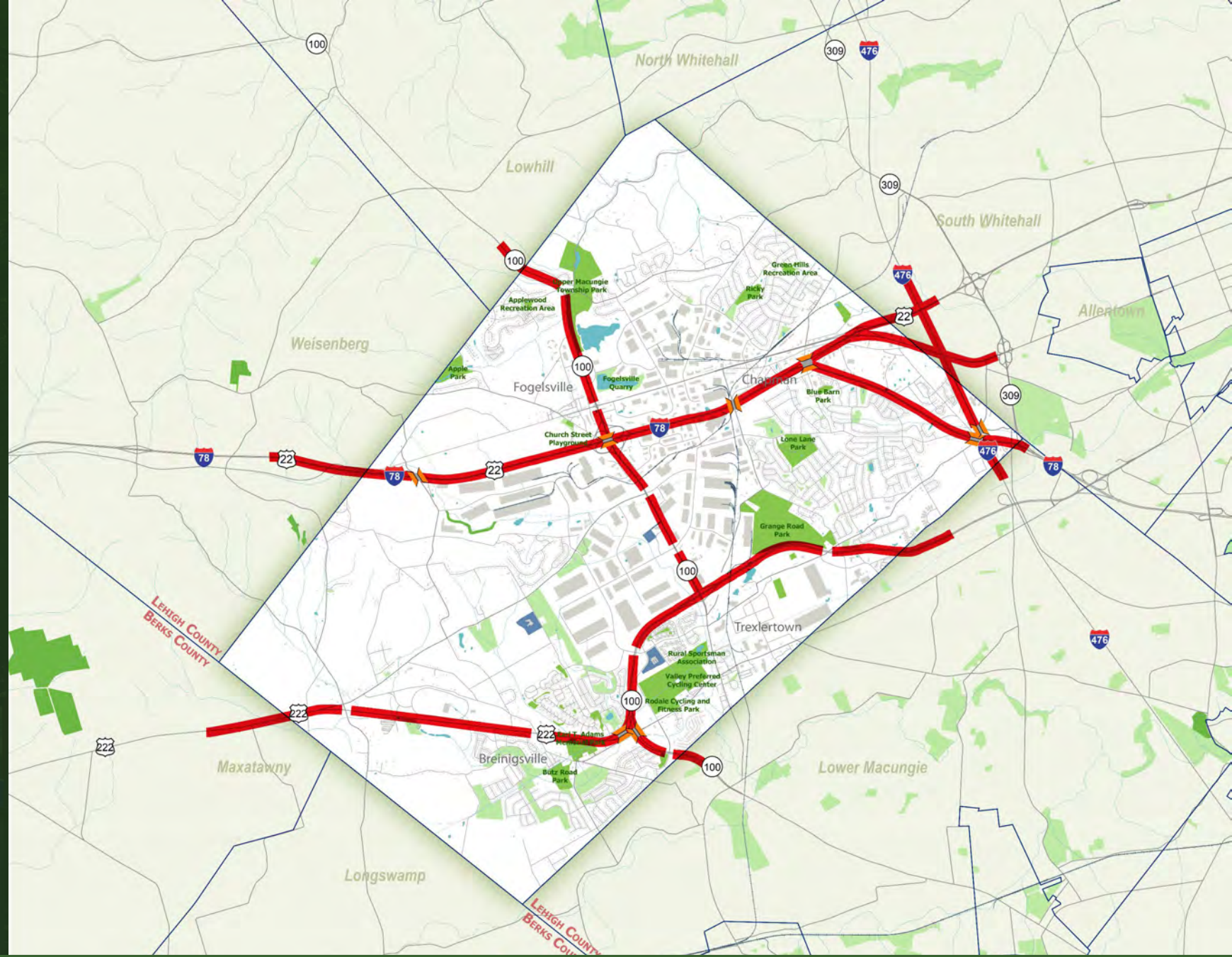


Existing Data

Barriers

Legend

- Local Road
- State Road
- Railroad - Active
- Parcel Boundary
- Municipal Boundary
- Park and Rec
- Open Space
- Institutional
- Water/Stream
- Major Roadway Barrier
- Bridge Barrier



Existing Data

Make Connections Between Parks

Legend

Existing

- Local Road
- State Road
- Parcel Boundary
- Municipal Boundary
- Railroad - Active
- Park and Rec
- Open Space
- Water / Stream
- Institutional

