

South Strabane Township



Community Park Master Plan EXECUTIVE SUMMARY

October 2021



ACKNOWLEDGEMENTS

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EXECUTIVE SUMMARY

INTRODUCTION



South Strabane Township, Pennsylvania, is located in Washington County, southwest Pennsylvania, neighboring the City of Washington and south of the City of Pittsburgh. The Township is 23 square miles in size. South Strabane Township is part of the Trinity Area School District.

The purpose of the South Strabane Township Community Park Master Plan Update is to provide recommendations and implementation strategies for improving the park to meet the recreation needs of Township residents, while also preserving and enhancing the natural resources of the site. This plan should be used to guide decision-making related to making future improvements in the park.

DEMOGRAPHICS

According to the US Census Bureau, South Strabane Township's 2019 population is estimated to be 9,430 residents. South Strabane Township's demographics are comparable to the census statistics for Pennsylvania with the following exceptions:

- The Township has a higher percentage of residents 65 years and over in age, 28.1% while the Pennsylvania state average is 18.7%.
- The Township is less diverse than the state average as 96.1% of the population is classified as white, 2.2% classified as black or African American, and 0.6% classified as Hispanic or Latino. The Pennsylvania state population statistics are 81.6% of the population classified as white, 12.2% classified as black or African American, and 7.8% classified as Hispanic or Latino.
- Median home value of owner-occupied homes in the Township is \$200,300 while the Pennsylvania state median home value is \$174,100.
- The percent of persons in poverty in the Township is 5.2% while the Pennsylvania state average is 12.0%.

EXISTING COMMUNITY PLANNING

South Strabane Township adopted a revised Comprehensive Plan in 2017. A goal of the Comprehensive Plan is for the Township to continue to provide recreational opportunities that serve all community residents. In seeking to accomplish the goals of the community the Plan recommends the Township consider improvements to enhance the existing parks and recreational facilities. The Community Park Master Plan establishes a vision for the Township to accomplish this goal over the next 10 to 15 years.

VISION, GOALS, & OBJECTIVES

MISSION:

For South Strabane Township to create a welcoming environment that promotes an appreciation of nature while providing health and wellness benefits to the community.

VISION AND GOALS:

- ✓ Provide year-round programs that will create a sense of community for Washington County residents of all ages and abilities
- ✓ Provide a well-maintained, safe community park that promotes health and wellness, and expand natural space for educational opportunities and exploration
- ✓ Provide useful recreational facilities that can be enjoyed for at least the next 10 years by updating existing structures and adding new amenities
- ✓ Provide maps, signage, and information on-site and on websites and social media pages



INVENTORY & ANALYSIS

The inventory and analysis conducted identifies the opportunities and constraints for site improvements and the conservation and enhancement of natural resources on the property.

South Strabane Community Park is located near the center of the Township, in close proximity to both Interstate 70 and Zediker Station Road. The site is comprised of two parcels, one 60 acre (approximately) property owned by the Township, and the smaller 13 acre (approximately) parcel, which includes an abandoned longwall mine.

EXISTING FEATURES

ADJACENT LAND USE

Currently adjacent land uses consist of residential development adjacent to the north boundary of the park. Properties to the east, west and south are currently undeveloped. The park and surrounding areas are currently zoned for industrial uses.

TOPOGRAPHY AND VEGETATION

Approximately half of the South Strabane Township Community Park site is steeply sloped, with grades greater than 15%. An additional quarter of the site demonstrates slopes with grades between 7.5%-15%.

Most of the site is covered with a mixture of low grasses and perennials. Brush vegetation, consisting primarily of blackberry and non-native roses, creates a transition between these vegetation types and the small patches of woodland scattered around the site. Three noticeable tree lines follow old property boundaries, and the northwest edge of the site is forested.

SOILS

Based on the Soil Survey for Washington County, the site consists of various types of soils, including Culleoka Silt Loams, Dormont Silt Loams, Dormont-Culleoka Silt Loams, Guernsey Silt Loams, and Newark Silt Loams.

HYDROLOGY

The tributary to Little Chartiers Creek (no. 37003 PA DEP eMap) within the park is identified as being impaired with acid mine drainage.

A review of the FEMA Flood Insurance Rate Map on October 6, 2020 indicates the park is located in an area of Minimal Flood Hazard.

A review of the US Fish and Wildlife National Wetlands Inventory Map indicates the 0.53 acre pond on the park as a freshwater pond habitat. In addition, it indicates there is a 2.58 acre freshwater emergent wetland and a 1.00 acre freshwater forested/shrub wetland.

The primary water feature on the South Strabane Township Community Park site is a small manmade pond located in the center of the site. A 0.46 acre stormwater management detention basin is located on the east side of the large parking lot.

Chartiers Creek flows north and east from the center of Washington County into the center of Allegheny County. It discharges into the Ohio River at McKees Rocks, PA. The size of the Upper Chartiers Creek Watershed is approximately 139 square miles. It is the most developed of the watersheds in the County, yet agriculture is still a major land use activity.

South Strabane Township should partner with the Chartiers Creek Watershed Association to ensure the park development plan aligns with the Chartiers River Conservation Plan.

ECOLOGICAL & CULTURAL ANALYSIS

On October 6, 2020 the Pennsylvania Natural Diversity Inventory database was queried, the results indicated there would be No Known Impacts to species of concern.

A review of the Pennsylvania State Historic Preservation Office's Cultural Resources GIS (CRGIS) conducted on October 6, 2020 indicates there are no known archaeology or historic resources that may be impacted with improvements to the South Strabane Township Community Park.

SOUTH STRABANE COMMUNITY PARK FACILITIES

Currently the park contains the following facility and activity areas:

- Concession Building with Restroom Facilities
- Softball Field
- 30' x 50' Picnic Shelter

- Play Equipment with Swing set
- Sand Volleyball Court
- Multi-Purpose Court
- Soccer Field
- Small Picnic Shelter
- Bituminous Loop Walking Trail

There are two parking lots in the park, the larger of the two is located northeast of the softball field and the second smaller parking lot is located at the end of the park access road.



COMMUNITY ENGAGEMENT

Public Involvement was a key component of the development of the South Strabane Township’s Community Park Master Plan. The methods used to gather community input included: Steering Committee, 2 public meetings, digital and paper questionnaires, and key person interviews.

FIVE MECHANISMS TO GATHER PUBLIC INPUT INCLUDED:

The **Steering Committee** convened six times between January 2021 and August 2021 to represent the community in meetings with the Consultant. The Township and committee members publicized the meetings through the dedicated web page, Township website, social media and word of mouth

The committee held a **public meeting** on Friday April 9, 2021 at the South Strabane Township Community Park. The event was held in conjunction with the Salvation Army Spring Family Reading Fun Day. The Steering Committee and consultant gathered input at four stations: 1.) Programming, 2.) Connectivity, 3.) Park Improvements, 4.) Survey Completion.

The consultant created a **digital recreation questionnaire** to collect information concerning residents’ recreational interests. A total of 286 individuals responded.

The consultant **interviewed key persons** and identified community organizations who represented a variety of interests in recreational opportunities and operations.

The consultant presented the findings and draft recommendations of the plan at a Board of Supervisors **public meeting** for comment on August 24, 2021.

PUBLIC INPUT SUMMARY

The Steering Committee and the Consultant worked together to identify common themes that occurred throughout the five venues of public participation. These common themes were used as the basis to develop the master plan and strategies which are detailed in Chapter Four. The following items were identified:

PROTECT NATURAL RESOURCES

Throughout the planning process the need for park improvements through sustainable planning, resource protection and storm water management should be considered in all aspects of design and construction. The design and construction should consider the maintenance and operations of the proposed and desired amenities.

CONNECT THE COMMUNITY THROUGH HIKING AND BIKING TRAILS

The need for additional interconnected trails to provide for exercise, alternative transportation and connectivity among community resources was certainly one of the key issues addressed by South Strabane Township residents. According to the public input, many residents see a system of trails as the hub, connecting neighborhoods, parks and community facilities. Additionally, they hope the trail system will eventually connect to a host of regional trails to offer expanded recreational opportunities.

ESTABLISH PARTNERSHIPS

Cooperative arrangements between the Township and other agencies, municipalities and the school district could be beneficial to all parties.

EXPAND PROGRAMS AND SPECIAL EVENTS

The community expressed the desire for additional programming and special event opportunities for all residents. Suggested methods to expand these services included community partners, volunteers or expanded services through the Township. It should be considered to reestablish the Parks and Recreation Board and/or hire a Parks and Recreation Professional.



RECOMMENDATIONS & IMPLEMENTATION

DESIGN CONCEPT PLANS

The committee was provided with a site analysis plan and conceptual ideas which were identified as key issues through the public outreach. The purpose of the planning exercise was to better understand the committee's goals for the park, the kind of park development desired, and the scale of support facilities that should be incorporated into the master plan.



South Strabane Township Park
South Strabane Township
Washington County, Pennsylvania
MASTER PLAN CONCEPT 1
PASHEK MTR

South Strabane Township Park
South Strabane Township
Washington County, Pennsylvania
MASTER PLAN CONCEPT 2
PASHEK MTR



South Strabane Township Park
South Strabane Township
Washington County, Pennsylvania
MASTER PLAN CONCEPT 3
PASHEK MTR

South Strabane Township Park
South Strabane Township
Washington County, Pennsylvania
MASTER PLAN DRAFT
PASHEK MTR

Discussions included:

- Natural Resource Protection
- Additional Trails
- Cross Country Trail
- Additional Parking
- Improved Play Areas
- Dog Park
- Signage
- Facility for Family Events (Amphitheater, Community Center)
- Connectivity to neighboring developments



0' 100' 200' 300'
 Scale: 1" = 100'



MASTER PLAN

A master plan was developed by incorporating the analysis of the existing site with feedback provided by the Steering Committee and public involvement. The plan aims to meet the needs and wants of the community by celebrating the community of South Strabane, creating a park space that is unique to the area, and connecting the park and its facilities both locally and regionally.

KEY AREAS

DOG PARK AREA

This area is located on the West Side of the property. The Dog Park will consist of two dog areas designed for large dogs and small dogs. A perimeter trail, benches, shade trees and composting restrooms will be included in this area. Other features include: internal road extension, accessible routes, riparian plantings, stream access, pond access, and sledding hill.



ENTRANCE/LARGE PAVILION PLAY AREA

- Installing a welcome sign and entrance plantings, as well as wayfinding throughout the park
- Planting a riparian buffer along the Chartiers Creek
- Upgrade accessibility to all facilities
- Upgrade existing play equipment
- Enhance parking with stormwater management amenities

SOFTBALL FIELD

- Develop accessible routes to the softball field, dugouts and newly constructed restroom facilities
- Discuss renewing the agreement with the Trinity Area School District
- Installation of outfield and baseline netting

MULTI-PURPOSE FIELD

- Accessibility
- Children's bike path

KEISLING PAVILION/AMPHITHEATER AREA

The area near the Keisling Pavilion provides a great sloped area for an amphitheater which could be programmed for concerts, movies, environmental education and other community events.

- Expand Parking Area and stormwater management areas
- Develop Amphitheater with restrooms, accessible routes, and future expansion opportunities
- Trail connections to Wellness Area
- Meadow and rain garden plantings
- Accessible routes



TRAIL AND NATURAL AREA IMPROVEMENTS

The east side of Community Park was designed as a detention pond area during the initial construction of the park. This area contains steep slopes which should be converted to natural plantings and an enhanced rain garden area to reduce the amount of mowing and other maintenance in this area of the park. A crushed limestone perimeter trail will be developed in this area.

Overall this area includes:

- Rain garden
- Native plantings on steep slopes
- Crushed limestone trail
- Natural Resource Protection and Plantings
- Riparian Buffering Plantings
- Development of meadow and native steep slope planting to reduce maintenance costs while enhancing habitat and natural areas
- Pond improvements
- Arboretum plantings along existing paved and mowed trails

RECREATION AREA

This area is a level area located in the center of the existing paved trail. This area will provide the community with health and wellness opportunities which can be programmed for residents of all ages. The existing sand volleyball court will be replaced with pickle ball courts and the existing basketball court will be improved with new pavement and fencing.

- Pavilion
- Nature Play Area
- Shade Trees
- Labyrinth
- Wellness Trail
- Parking
- Shade Trees and Arboretum Plantings

WEST SIDE ADJACENT PARCEL EXPANSION

This 13- acre parcel sits below the Public Works Building. A second park entrance should be developed to allow access to this area. This area is used by the Trinity Area School District and JFK Cross Country Teams. Development of this area with sustainability and the needs for the Cross Country teams will enhance their partnership. During much of the year, this area will not be utilized by Cross Country and will provide additional opportunities to the community.

- Pavilion
- Additional Parking
- Sledding Hill
- Access to pond
- Mowed trails
- Access to creek
- Access to Mountain Bike Trails



ESTIMATE OF PROBABLE COST

Opinion of Probable Construction Costs

Prepared by Pashek + MTR

Item Description	Quantity	Unit	Unit Cost	Total Item Cost
Dog Park Area- Phase 1				
<i>Removals and Site Preparation- Phase 1A</i>				
Misc removals	1	LS	\$5,000	\$5,000
Clearing and grubbing	1	LS	\$3,000	\$3,000
Site preparation and earthwork	1	LS	\$20,000	\$20,000
ESC Controls	1	LS	\$15,000	\$15,000
<i>Subtotal Removals and Site Preparation</i>				\$43,000
<i>Dog Park Site Improvements-Phase 1A</i>				
Internal Road Extension	1800	SY	\$50	\$90,000
Stream crossing (stone, pipe)	1	LS	\$7,500	\$7,500
Fencing, gates, auger rental, install by DPW	1700	LF	\$50	\$85,000
ADA Paved Access 8'	380	LF	\$50	\$19,000
Bituminous paving - Parking (28+2 ADA)	3200	SY	\$50	\$160,000
Concrete wheelstops	26	EA	\$150	\$3,900
Linestriping and cross walk painting	1	LS	\$200	\$200
<i>Phase 1A Improvements Subtotal</i>				\$365,600
<i>Phase 1A Subtotal</i>				\$408,600
<i>Dog Park Site Improvements- Phase 1B</i>				
Perimeter trail- crushed limestone	1600	SY	\$25	\$40,000
Trail stream crossing (bridge)	1	LS	\$3,000	\$3,000
Benches	5	EA	\$2,500	\$12,500
Signage	4	EA	\$400	\$1,600
Picnic tables	2	EA	\$1,000	\$2,000
Trash receptacles	4	EA	\$150	\$600
Benches	4	EA	\$500	\$2,000
Dog waste stations	4	EA	\$500	\$2,000
Composting Family Restroom, Unit, Install, Site Prep, Delivery	1	LS	\$75,000	\$75,000
<i>Phase 1B Improvements Subtotal</i>				\$138,700
<i>Planting & Landscape Features- Phase 1B</i>				
Shade Trees	24	EA	\$450	\$10,800
Stream bank stabilization and stone stream access	1	EA	\$5,000	\$5,000
Pond Improvements	1	LS	\$7,500	\$7,500
Seeding - Meadow	90	SY	\$5	\$405
<i>Subtotal Planting and Landscape Features</i>				\$23,705
<i>Phase 1B Subtotal</i>				\$162,405
DOG PARK SUBTOTAL				\$571,005
Contingency			15%	\$85,651
Bonds and Insurance and stakeout and mobilization			12%	\$68,521
DOG PARK CONSTRUCTION COST				\$725,176
Survey, Design, Engineering, Permitting			20%	\$145,035
DOG PARK TOTAL				\$870,212

Amphitheater Area- Phase 2

Removals and Site Preparation

Misc removals	1	LS	\$5,000	\$5,000
Clearing and grubbing	1	LS	\$3,000	\$3,000
			<i>Subtotal Removals and Site Preparation</i>	\$8,000

Site Improvements-Phase 2

Earthwork	1	LS	\$10,000	\$10,000
Concrete paving	200	SY	\$120	\$24,000
Cut stone seat walls	1	LS	\$30,000	\$30,000
Concrete steps	1	LS	\$10,000	\$10,000
Electrical service for band shell	1	LS	\$7,500	\$7,500
Lighting	1	LS	\$7,500	\$7,500
Band shell/rectangular monoslope pavilion	1	EA	\$50,000	\$50,000
Restroom facilities	1	EA	\$100,000	\$100,000
ADA Paved Access 8'	500	LF	\$50	\$25,000
Bituminous paving - Parking	1,400	SY	\$50	\$70,000
Concrete wheelstops	41	EA	\$150	\$6,150
Linestriping	1	LS	\$400	\$400
			<i>Subtotal Site Improvements</i>	\$340,550

Planting & Landscape Features-Phase 2

Shade Trees	17	EA	\$450	\$7,650
Shrub plantings	1	LS	\$3,000	\$3,000
Rain garden plantings	1	LS	\$6,000	\$6,000
Seeding - Meadow	700	SY	\$4.50	\$3,150
Seeding	1,200	SY	\$2.25	\$2,700
			<i>Subtotal Planting and Landscape Features</i>	\$22,500

ESC and Misc Utilities

ESC controls	1	LS	\$15,000	\$15,000
			<i>Subtotal Planting and Landscape Features</i>	\$15,000

AMPHITHEATER SUBTOTAL \$386,050

Contingency			15%	\$57,908
Bonds and Insurance and stakeout and mobilization			12%	\$46,326

AMPHITHEATER CONSTRUCTION COST \$490,284

Survey, Design, Engineering, Permitting			20%	\$98,057
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AMPHITHEATER TOTAL \$588,340

Trails and Natural Area Improvements- Phase 3				
<i>Removals and Site Preparation</i>				
Misc removals	1	LS	\$5,000	\$5,000
Clearing and grubbing	1	LS	\$3,000	\$3,000
<i>Subtotal Removals and Site Preparation</i>				\$8,000
<i>Site Improvements</i>				
Earthwork	1	LS	\$8,000	\$8,000
Trail - 8' (Trail Surface Aggregate on new surface)	1,300	SY	\$50	\$65,000
Trail Head/Park Kiosk	2	EA	\$3,000	\$6,000
Interpretive Signs	4	EA	\$500	\$2,000
<i>Subtotal Site Improvements</i>				\$81,000
<i>Planting & Landscape Features</i>				
Shade Trees	6	EA	\$450	\$2,700
Riparian buffer plantings (seedlings/bare root trees & shrubs)	7	AC	\$5,000	\$35,000
Shrub plantings	1	LS	\$9,000	\$9,000
Rain garden	1	LS	\$8,000	\$8,000
Seeding - Meadow	45,000	SY	\$4.50	\$202,500
<i>Subtotal Planting and Landscape Features</i>				\$257,200
<i>Erosion and Sedimentation Controls & Misc</i>				
ESC controls	1	LS	\$15,000	\$15,000
<i>Subtotal ECS Controls</i>				\$15,000
SUBTOTAL TRAILS				\$361,200
Contingency			15%	\$54,180
Bonds and Insurance and stakeout and mobilization			12%	\$43,344
SUBTOTAL CONSTRUCTION COST				\$458,724
Survey, Design, Engineering, Permitting			20%	\$91,745
TOTAL TRAILS				\$550,469

Recreation Area- Phase 4				
<i>Removals and Site Preparation</i>				
Clearing and grubbing	1	LS	\$5,000	\$5,000
<i>Subtotal Removals and Site Preparation</i>				\$5,000
<i>Site Improvements- Phase 4A</i>				
Earthwork	1	LS	\$8,000	\$8,000
Benches	10	EA	\$2,500	\$25,000
Internal Road Extension	700	SY	\$50	\$35,000
Bituminous paving - Parking (28+2 ADA)	2800	SY	\$50	\$140,000
Concrete wheelstops	59	EA	\$150	\$8,850
Linestriping and cross walk painting	1	LS	\$400	\$400
Natural playground	1	LS	\$100,000	\$100,000
New shelter	1	LS	\$40,000	\$40,000
Storage lockers	1	LS	\$15,000	\$15,000
Labyrinth	1	LS	\$10,000	\$10,000
Wellness trail	1,200	LF	\$50	\$60,000
Accessible sidewalks	600	LF	\$50	\$30,000
Bike loop path	750	LF	\$50	\$37,500
Basketball area improvements	1	LS	\$8,000	\$8,000
Pickleball court, ADA access	1	LS	\$20,000	\$20,000
<i>Phase 4A Site Improvements Subtotal</i>				\$542,750
<i>Phase 4A Subtotal</i>				\$547,750
<i>Site Improvements Phase 4B</i>				
Softball field upgrades- outfield netting, accessible routes	1	LS	\$15,000	\$15,000
Water fountain	1	EA	\$7,500	\$7,500
Existing Playground upgrades	1	LS	\$100,000	\$100,000
Main entrance gateway signage and landscaping	1	LS	\$15,000	\$15,000
<i>Subtotal Site Improvements</i>				\$137,500
<i>Phase 4B Subtotal</i>				\$137,500
<i>Planting & Landscape Features- Phase 4C</i>				
Shade Trees	50	EA	\$450	\$22,500
Arboretum specimen trees, along existing paved trail	10	EA	\$650	\$6,500
Shrub plantings	1	LS	\$5,000	\$5,000
Rain garden plantings	1	LS	\$9,000	\$9,000
Seeding - Meadow	37,000	SY	\$4.50	\$166,500
Sensory garden plantings	6,500	SF	\$15	\$97,500
<i>Subtotal Planting and Landscape Features</i>				\$307,000
<i>ESC and Misc Utilities</i>				
ESC controls	1	LS	\$15,000	\$15,000
<i>Subtotal ESC and Misc Utilities</i>				\$15,000
<i>Phase 4 Subtotal</i>				\$322,000
SUBTOTAL RECREATION				\$1,007,250
Contingency			15%	\$151,088
Bonds and Insurance and stakeout and mobilization			12%	\$120,870
SUBTOTAL CONSTRUCTION COST				\$1,279,208
Survey, Design, Engineering, Permitting			20%	\$255,842
TOTAL RECREATION				\$1,535,049

Adjacent Parcel Expansion- Phase 5

Removals and Site Preparation

Clearing and grubbing	1	LS	\$5,000	\$5,000
<i>Subtotal Removals and Site Preparation</i>				\$5,000

Site Improvements

Earthwork	1	LS	\$10,000	\$10,000
Internal Road Extension	5,400	SY	\$50	\$270,000
Bituminous paving - Parking	30	SY	\$50	\$1,500
Concrete wheelstops	12	EA	\$150	\$1,800
Linestriping and cross walk painting	1	LS	\$200	\$200
New shelter	1	LS	\$35,000	\$35,000
Sidewalks	2,400	LF	\$50	\$120,000
Trail signage	1	LS	\$1,500	\$1,500
<i>Subtotal Site Improvements</i>				\$440,000

Planting & Landscape Features

Riparian buffer plantings (seedlings/bare root trees & shrubs)	2	AC	\$5,000	\$10,000
Seeding - Meadow	32,000	SY	\$4.50	\$144,000
<i>Subtotal ESC and Misc Utilities</i>				\$154,000

ESC and Misc Utilities

ESC controls	1	LS	\$10,000	\$10,000
<i>Subtotal Planting and Landscape Features</i>				\$10,000

SUBTOTAL EXPANSION \$609,000

Contingency			15%	\$91,350
Bonds and Insurance and stakeout and mobilization			12%	\$73,080

SUBTOTAL CONSTRUCTION COST \$773,430

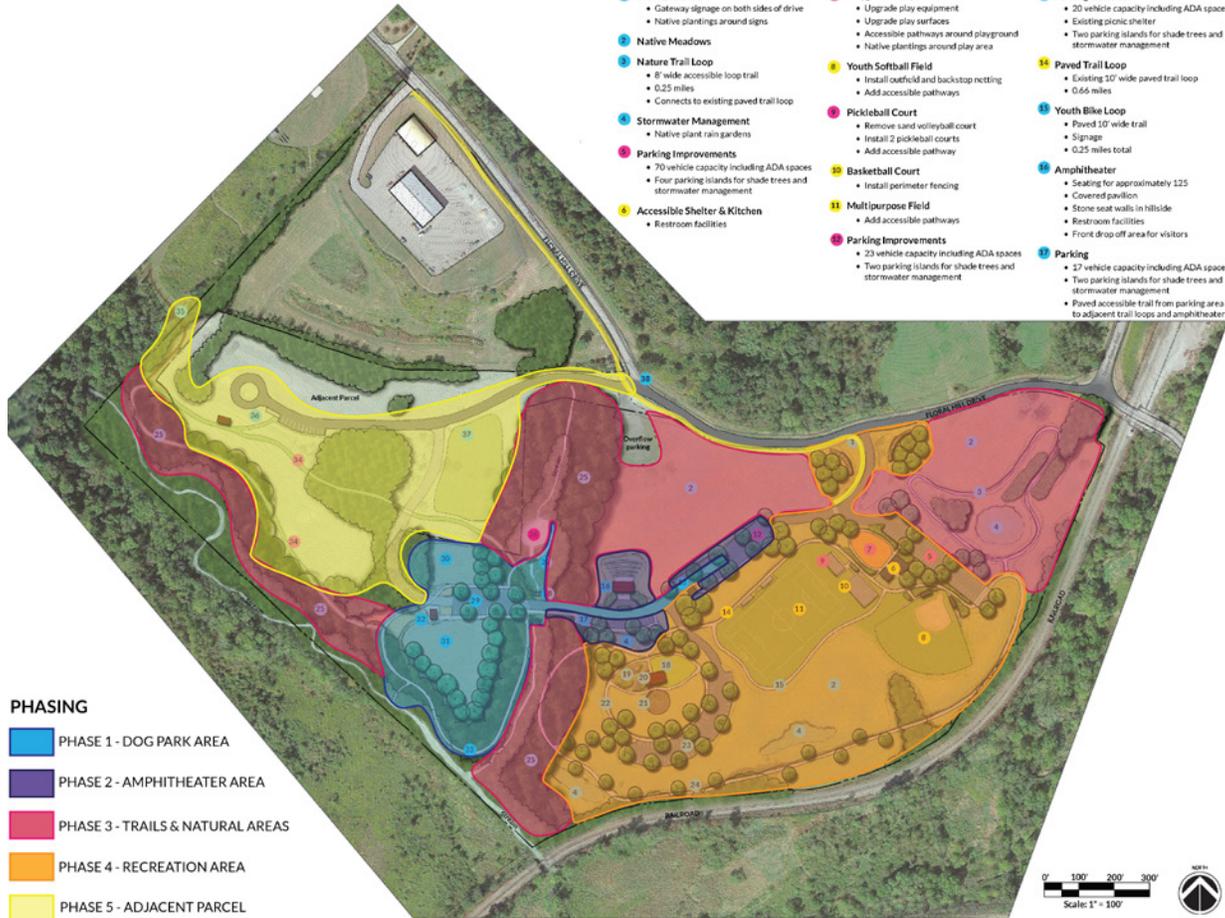
Survey, Design, Engineering, Permitting			20%	\$154,686
TOTAL EXPANSION				\$928,116

GRAND TOTAL \$4,472,186

Notes:

Opinion of Probable Construction Costs is made based on the experience and qualifications of Pashek + MTR, Ltd and represents reasonable judgment based on familiarity with the industry. Pashek + MTR, Ltd. has no control over the cost, or availability of labor, materials or equipment, or over market conditions or the provider's method of pricing. Pashek + MTR, Ltd cannot and does not guarantee that the opinion of probable cost provided the Owner will not vary from the actual cost experienced by the Owner.

PHASING PLAN



- 1 Main Entrance**
 - Gateway signage on both sides of drive
 - Native plantings around signs
- 2 Native Meadows**
- 3 Nature Trail Loop**
 - 8' wide accessible loop trail
 - 0.25 miles
 - Connects to existing paved trail loop
- 4 Stormwater Management**
 - Native plant rain gardens
- 5 Parking Improvements**
 - 70 vehicle capacity including ADA spaces
 - Four parking islands for shade trees and stormwater management
- 6 Accessible Shelter & Kitchen**
 - Restroom facilities
- 7 Playground Improvements**
 - Upgrade play equipment
 - Upgrade play surfaces
 - Accessible pathways around playground
 - Native plantings around play area
- 8 Youth Softball Field**
 - Install outfield and backstop netting
 - Add accessible pathways
- 9 Pickleball Court**
 - Remove sand volleyball court
 - Install 2 pickleball courts
 - Add accessible pathway
- 10 Basketball Court**
 - Install perimeter fencing
- 11 Multipurpose Field**
 - Add accessible pathways
- 12 Parking Improvements**
 - 23 vehicle capacity including ADA spaces
 - Two parking islands for shade trees and stormwater management
- 13 Parking & Shelter**
 - 20 vehicle capacity including ADA spaces
 - Existing picnic shelter
 - Two parking islands for shade trees and stormwater management
- 14 Paved Trail Loop**
 - Existing 20' wide paved trail loop
 - 0.66 miles
- 15 Youth Bike Loop**
 - Paved 10' wide trail
 - Signage
 - 0.25 miles total
- 16 Amphitheater**
 - Seating for approximately 125
 - Covered pavilion
 - Stone seat walls in hillside
 - Restroom facilities
 - Front drop off area for visitors
- 17 Parking**
 - 27 vehicle capacity including ADA spaces
 - Two parking islands for shade trees and stormwater management
 - Paved accessible trail from parking area to adjacent trail loops and amphitheater
- 18 Natural Playground**
- 19 Sensory Garden**
- 20 Accessible Picnic Shelter**
 - 52 x 30
 - Approximately 70 person capacity with public lockers for storage
- 21 Meditation Labyrinth**
 - Paved or stone labyrinth
 - 68 feet in diameter
- 22 Wellness Trail**
 - Paved 8' wide trail
 - 0.15 miles
 - Seating areas along trail for meditation
- 23 Parking**
 - 58 vehicle capacity including ADA spaces
 - Eight parking islands for shade trees and stormwater management
- 24 Arboretum**
 - Specimen trees along trail with botanical labels
- 25 Riparian Buffer Restoration**
 - Native tree and shrub plantings within 150' of all streams
 - Expand on existing forested riparian buffers
- 26 Pond**
 - Shore access
 - Dredge
 - Replace pipes
- 27 Pond Trail**
 - 8' wide natural surface trail with small trail bridge over stream
- 28 Stream Crossing**
 - Culvert with retaining walls to allow for road crossing over stream
- 29 Parking**
 - 25 vehicle capacity including ADA spaces
 - Four parking islands for shade trees and stormwater management
- 30 Small Dog Park**
 - Fenced 0.6 acres
 - Shaded seating areas
- 31 Large Dog Park**
 - Fenced 1.3 acres
 - Shaded seating areas
- 32 Composting Toilet**
- 33 Dog Park Loop Trail**
 - 8' wide crushed stone trail
 - 0.27 miles
- 34 Mowed Walking Trail**
 - 0.85 km / 0.53 miles
- 35 Mountain Bike Trails & Neighborhood Connections**
- 36 Trail Parking and Shelter**
 - 12 vehicle capacity
 - 50 person capacity shelter
 - Bus turn around and drop off area
- 37 Sledding Hill**
- 38 Secondary Entrance**
 - Sidewalk along Floral Hill Drive to main park entrance

- PHASING**
- PHASE 1 - DOG PARK AREA
 - PHASE 2 - AMPHITHEATER AREA
 - PHASE 3 - TRAILS & NATURAL AREAS
 - PHASE 4 - RECREATION AREA
 - PHASE 5 - ADJACENT PARCEL

