



Parks and Recreation Plan

Chartiers Township
Washington County, PA

FINAL PLAN
June 2016

This plan was prepared by the
Chartiers Township Parks Board
on behalf of the Chartiers
Township Board of Supervisors.



Acknowledgements

This plan was prepared by the Chartiers Township Parks Board and Township Staff, who dedicated their time and efforts to ensuring that the future of parks and recreation in the Township will meet the demands of a growing community.

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In early 2015, Chartiers Township launched its first Comprehensive Parks and Recreation Plan. The Chartiers Township Comprehensive Plan Update (2009) recommended that the Township undertake a park and recreation assessment to evaluate safety and maintenance and to set short term goals and the strategies to achieve them. Building on the momentum and vision of the adopted plan, this Plan establishes a course of action to create a sustainable and interconnected system of parks, recreation facilities, programs and services that promote recreation, health and environmental conservation as integral elements of the community.

It is worth noting here that the term “recreation” is sometimes used rather broadly. For purposes of this Plan, a simple definition of recreation is the entire range of activities, relationships, interactions, and experiences planned for and carried out to meet the recreational needs of residents. This includes providing the spaces and places where recreation takes place. Community recreation and parks include anything and everything the community does to satisfy people’s interests.

The aim of community recreation and parks is to improve the quality of life for residents, giving them opportunities to enhance their physical, social, spiritual, cultural, and intellectual well-being. Through recreation programs, citizens improve their health and fitness, learn to compete and cooperate, enhance their creativity, build relationships, develop character, reduce stress, and become happier and more productive and involved in community life. In addition, a quality recreation and parks system attracts business relocation and expansion, and serves as a catalyst for tourism, bringing visitors and retirees to spend money and time in the community. It contributes to healthy and productive work forces, and enhances real estate values.

Recreation and parks also help to develop a bond among citizens that encourages preservation and conservation of the environment. They preserve plant and wildlife habitats; foster community pride in natural resources; provide accessible places to enjoy nature; protect

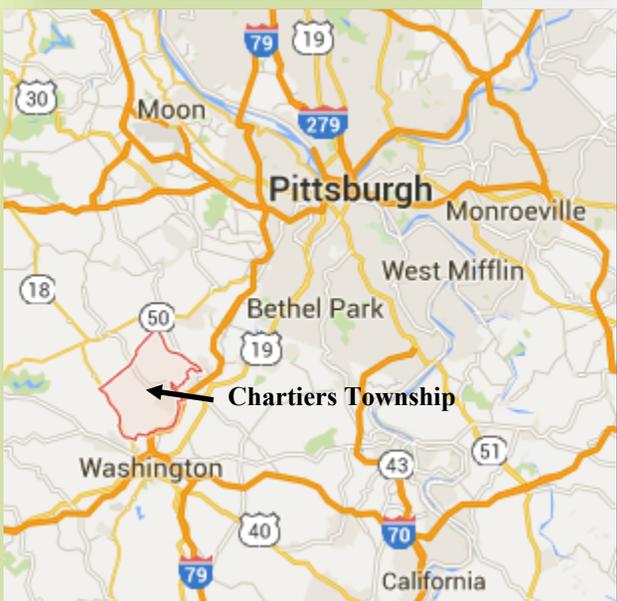
natural resources and open space areas; help to control pollution; and they enhance air, water, and soil quality. Parks provide buffers between residential and industrial areas. Trail and greenway systems link parks, schools, and other community services together for safe biking and walking.

An important role for local government is to serve as the “central clearinghouse” for parks and recreation activities. This role can enhance communication among organizations and identify opportunities to work together and share resources. By coordinating all that is offered, local governments can improve services, give residents a clear understanding of all the opportunities available to them, and minimize duplication of services. The focus is on collectively strengthening the community’s recreation and parks system.

Location

Chartiers Township is a 24.53 square mile municipality located in central Washington County, five (5) miles north of the City of Washington and twenty-five (25) miles southwest of the major metropolitan area of Pittsburgh. The Township is bordered on the northwest by Mount Pleasant Township, the northeast by Cecil Township, the east by Canonsburg Borough, Houston Borough and North Strabane Township, the southeast by South Strabane Township and the southwest by Canton Township. Along its southeastern border runs Chartiers Creek separating it from North and South Strabane. Regional access to the Township is provided by Interstate 79, with exits at SR 980 / Canonsburg, SR 519 / Houston / Eighty Four and Race Track Road / Meadow Lands, along with State Routes 18, 50, 519 and 980.

The majority of development in Chartiers Township is located along West Pike Street between the Meadow Lands and Houston Borough.



Source: Google Maps 2015

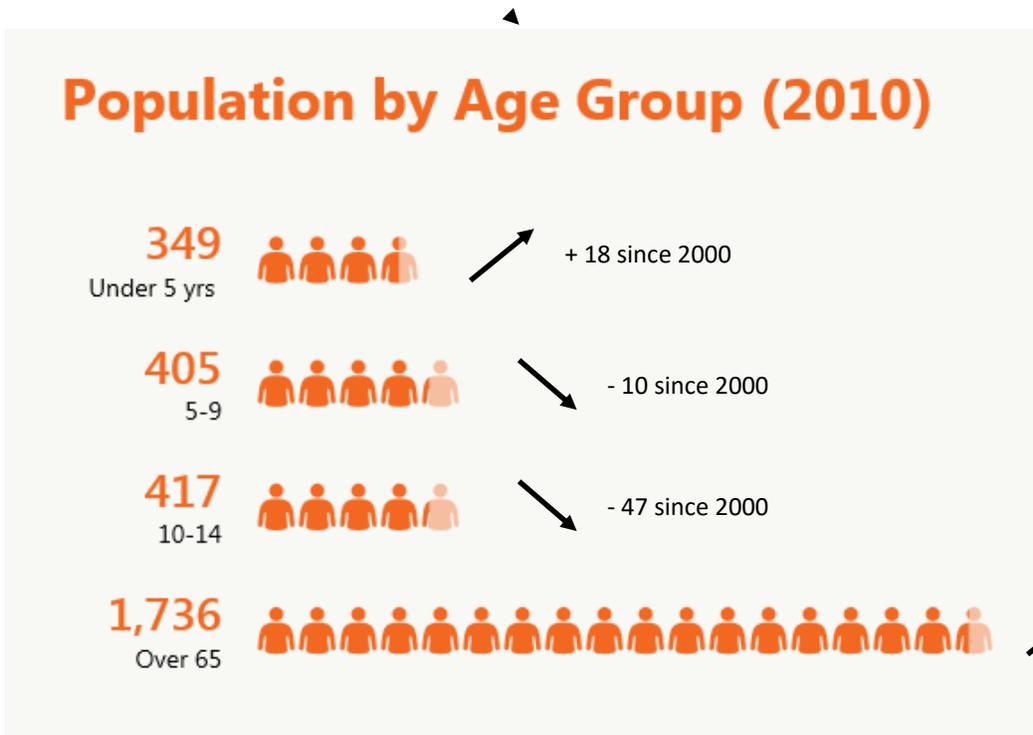
“Chartiers Township is now more than ever an attractive location for new residential, commercial and industrial enterprises. Faced with development pressures, the Township is at an important juncture; development is necessary to provide homes and new employment opportunities, while it must be controlled to maintain a functional and attractive community. Sensible development should balance the economic, social, and land use priorities of the community and should enhance the quality of life for residents and businesses alike.”

- *Chartiers Township Comprehensive Plan Update 2009*

Population Trends

Chartiers Township is a growing community.

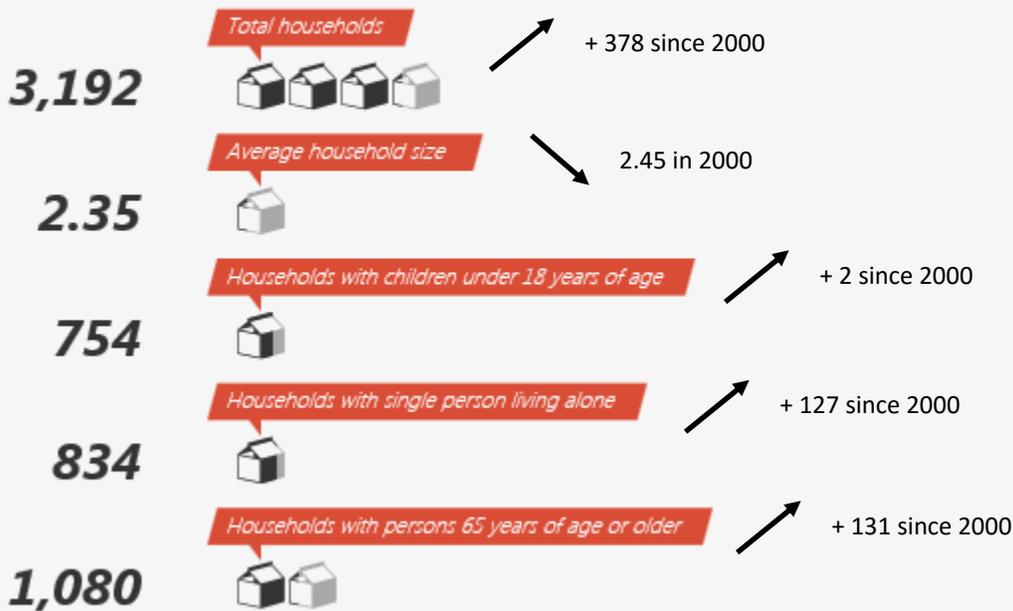
Since 2000, Chartiers Township has experienced a demographic shift. Pre-2000, the Township had been losing population (-5.9% from 1990-2000 and -1.5% between 1980 and 1990). However, between 2000 and 2010, the Township saw a 9% increase, with a total population of 7,818. The 2013 American Community Survey (ACS) estimated the population to be 7,856.



The median age has increased.

While the population increased, so did the median age. In 2010, Chartiers had a median age of 47.5; the median age has been steadily increasing by approximately three (3) years every decade since 1970. Residents aged 65 or older significantly increased since 2000 (14%).

HOUSEHOLD DATA (2010)



The Villas of Arden Mills Patio Home
(source: <http://www.gopittsburghcondos.com/condo/villas-of-arden-mills-washington-pa>)

In 2007, the carriage/patio home community called The Villas of Arden Mills was completed. It is an age restricted community for people 55 years of age and older. The carriage/patio homes are all single-story and feature a private clubhouse with pool and fitness facility.

Children between the ages of 5 and 14 decreased slightly between 2000 and 2010; however, children under 5 has increased slightly.

Household size is shrinking.

In keeping with the increase in population, the total number of households also increased between 2000 and 2010. There were 3,192 households in 2010 compared to 2,814 in 2000; 13% increase.

While there are more households, the size of households has decreased (3.33 in 1970, 2.45 in 2000, 2.35 in 2010). The total number of housing units increased by 15%. Not surprising, the number of households with a person living alone and the number of households with persons 65 years of age or older increased significantly. While the total number of households with children under 18 remained constant (only a change of two households), as a percentage of total households, it decreased.

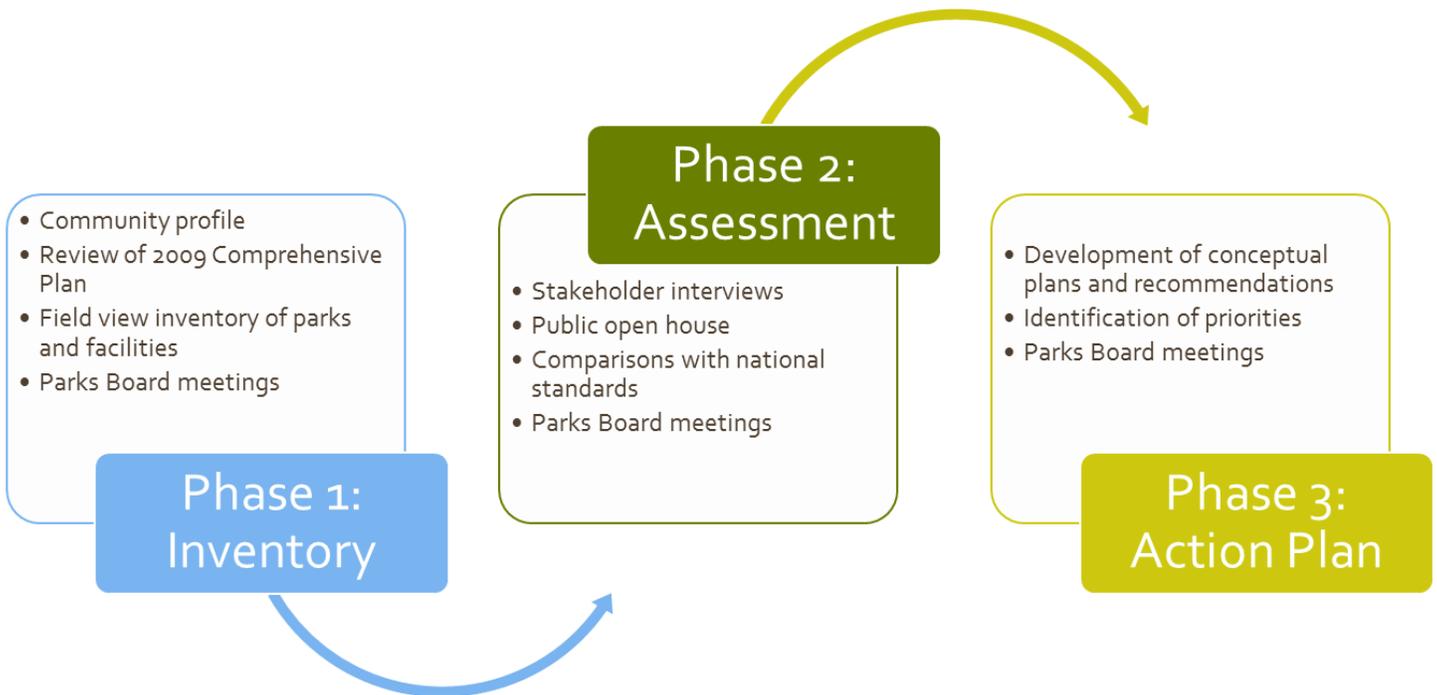
New homes are being built.

Building permit data supports the Census data regarding an increase in households. Since 2010, Chartiers Township has issued 122 building permits for new residential construction. Two new single-family housing developments are currently under construction with lots/units for sale.



Planning Process

The comprehensive planning process for the Chartiers Township Parks and Recreation Plan consisted of three phases. The Township formed a Parks Board, specifically tasked to oversee the development of the Township's parks, recreation facilities and this plan. The Parks Board met on a monthly basis throughout the project to provide direction and approval at key milestones.



Phase 1 consisted of developing a community profile and analysis for demographics, parks and facilities, programs and management and operations. Background information was collected and reviewed, including the Township’s 2009 Comprehensive Plan and the 2013 park user survey. An inventory of parks and recreation in Chartiers Township was collected through field views of parks and recreation sites as well as interviews with Township staff, municipal officials and other recreation providers.

Phase 2 served to solicit feedback from residents regarding their needs and preferences for parks and recreation. Stakeholders were identified by the Parks Board, representing local recreation providers and community organizations as follows:

- ◆ Boy Scouts—Doug Schmitt
- ◆ Cub Scouts—Jennifer Neely
- ◆ Chartiers Township Recreation Board
- ◆ Chartiers Houston Library—Bill Hill
- ◆ Chartiers Houston School District—Kirk Kesnick, Athletic Director / Assistant Principle
- ◆ Chartiers Houston Youth Soccer—Cathy Lavelle
- ◆ Chartiers Houston Youth Softball—Chad Hess
- ◆ Chartiers Houston Youth Football—Chuck Russell
- ◆ Chartiers Houston Youth Baseball—Marty Camden
- ◆ Lions Club / Township History—Ken Britten
- ◆ PA Trolley Museum—Scott Baker
- ◆ Seniors Group—Mary Jane Stewart

A public open house was held on May 12, 2015 from 6:00 to 8:00pm at the Chartiers Township Community Center. The open house featured displays of the results from the 2013 parks user survey and maps of each of the parks and proposed trail network. Attendees were asked to provide input regarding needs for each. The following comments were collected:

- ◆ Trails: former trolley line abutments at Arnold Hollow; investigate Patch parcel for trail connection; issues with ATVs/dirt bikes near Walnut Street (behind Arnold Park) but support nonmotorized trails; connect two playgrounds at

OPEN HOUSE

When:
Tuesday, May 12, 2015
6:00-8:00 PM

Where:
Chartiers Township Community Center
2013 Community Center Drive
(in Arnold Park)

Stop by anytime between 6:00pm and 8:00pm to let us know how you would like to see parks and recreation developed in Chartiers Township!

For more information on the project, contact the project consultant Amy Wiles, Mackin Engineering Co. at 412.788.0472 or awiles@mackinengineering.com

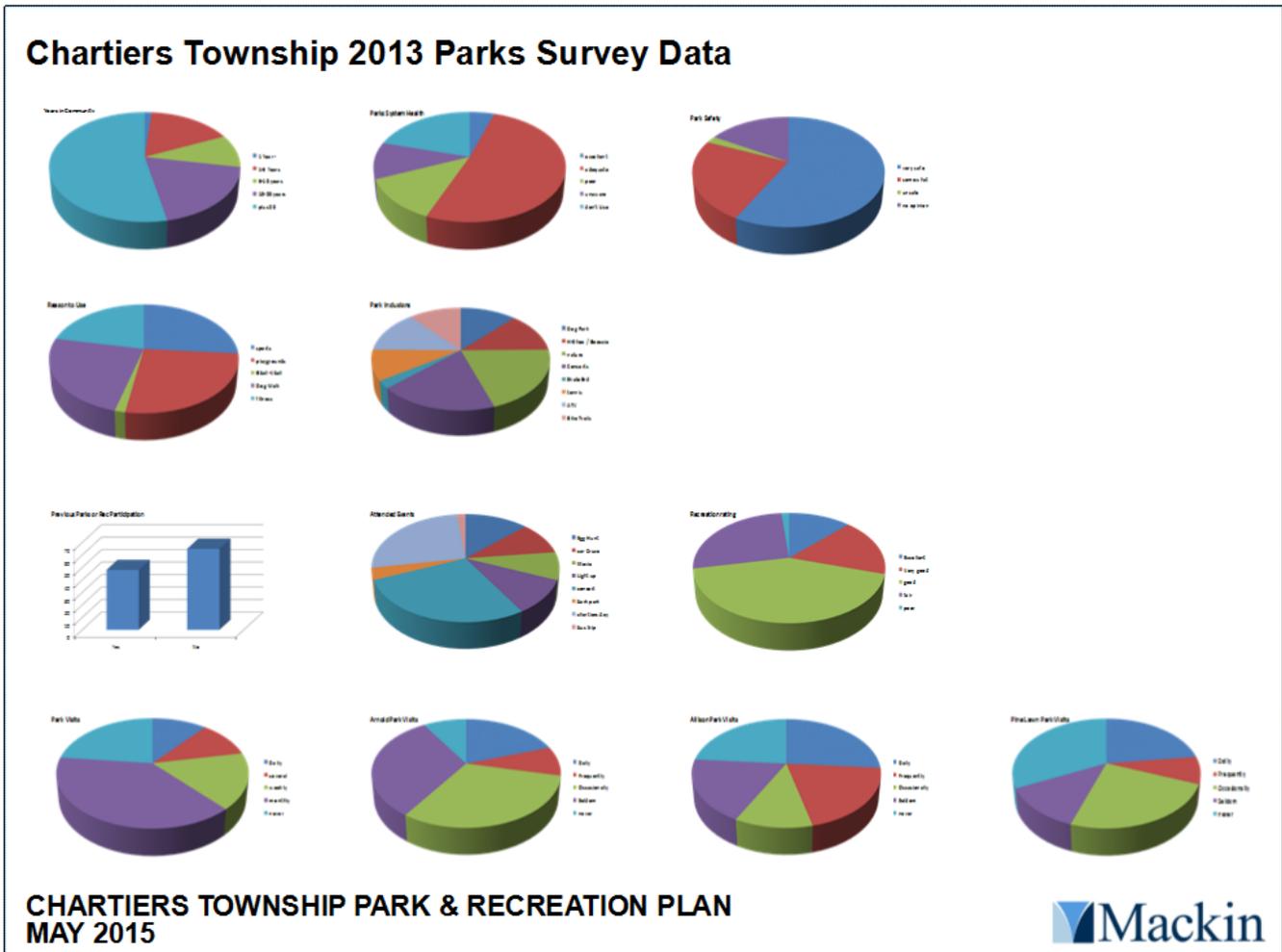
Chartiers Township
Parks and Recreation Plan

Allison Parkette with a trail

- ◆ Arnold Park: offer camping sites for scouting and a scout house; geocaching sites; cycling trails
- ◆ New Facilities: pavilions; playground & spray park beside library; arcade building; bridal trail; disc golf; deck hockey
- ◆ Resident vs. nonresident user fees
- ◆ Midland (near Houston) – was talk of a park; may be underserved
- ◆ Seniors have walking clubs
- ◆ Adopt-a-park; corporate naming as fundraisers

In addition, the technical assessment of the region’s parks and facilities, current programs and finances and operations that was conducted as part of Phase 1 was utilized to identify existing deficiencies and assist with determining future needs.

The information gathered during Phases 1 and 2 was used to develop recommendations for enhancing existing recreational opportunities. The Parks Board ranked the recommendations and identified priorities to begin implementation.





Administration

Chartiers Township is classified as a Second Class Township in Pennsylvania; as such, it is governed by an elected body of three supervisors. The Board of Supervisors is granted executive and legislative authority and is responsible for the appointment of various advisory boards and committees. An appointed Township Manager is responsible for providing the day to day administration of Chartiers Township and its various departments.

Personnel

Chartiers Township does not have a parks and department with a director. Rather, the Township has divided responsibility of overseeing parks and recreation as shown in Figure 2.1.

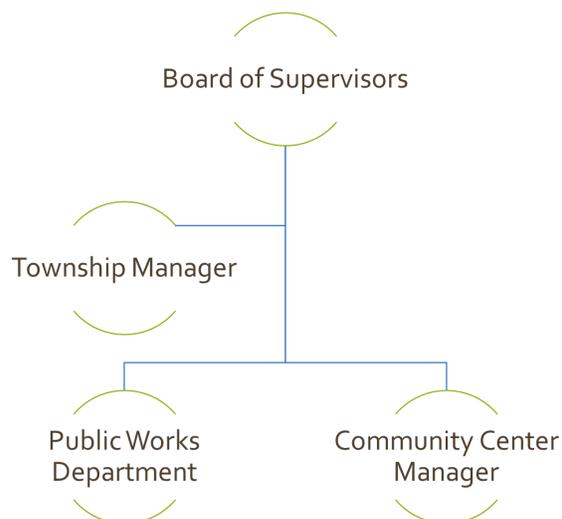
Public Works Department

Park maintenance is completed by the public works department. Department staffing consists of five (5) full time employees (a foreman, an assistant foreman and three laborers) and five (5) summer help. In addition to all of the standard road work responsibilities, public works does all of the maintenance in the parks, except for major projects which are contracted out.

Community Center Manager

The Township employs a Community Center Manager, who operates the everyday business of the center and is responsible for the

Figure 2.1: Recreation Organizational Chart



administration of a comprehensive year around recreation program. The manager is charged with the responsibility of overseeing other staffing program instructors, and volunteers for programs.

Note: As of January 2016, the Community Center Manager was promoted to Parks and Recreation Director.

Advisory Boards

Chartiers Township established a seven member Parks and Recreation Board in 1973 and expanded it to nine members in 2006. In 2013, the Township split the Board into two. The Recreation Board has seven members and is responsible for planning and implementing all recreation programs and special events for the Township. They meet on the first Tuesday of every month. The Parks Board has five members and is responsible for the overall development of the parks and this planning process. They meet on the first Wednesday of every month. The Community Center Manager meets with both the Recreation Board and the Parks Board at their monthly meetings.

Friends of Chartiers Parks

Friends of Chartiers Township Community Parks was formed in 2004 as a non-profit 501c3 organization to fundraise for park improvements. They meet on the second Monday of every month.

Policies & Procedures

Chartiers Township has some established policies and procedures that govern the general operation of parks and recreation. The Township has the following policies and procedures in place:

- ◆ Personnel policy manual
- ◆ A fee resolution
- ◆ A Community Center rental policy
- ◆ A Community Center rental contract
- ◆ A Community Center kitchen use policy
- ◆ A Community Center application for use of the premises
- ◆ Class attendee waivers
- ◆ Records retention policy

- ◆ Non-resident participation policy
- ◆ Posted sign concerning park hours
- ◆ Procedures for renting picnic facilities

Maintenance

Parks, facilities, and equipment maintenance is completed in the Chartiers Township by the public works department employees. Without a parks department, or designated park staff from public works, maintenance of park areas and facilities generally are not the top work priority. This is understandable considering all of the other responsibilities of a public works department.

The Public Works Director oversees all work done by the public works department, including work in the township parks. The director is responsible for seeing that materials for park tasks are available and establishes the work schedule and daily routine to ensure that the work is completed in a timely manner. The public works department consists of a director, a foreman, an assistant foreman, three full time laborers, and five summer employees. Outside contractors are only used for major projects such as: installing fencing, playground construction, and construction of the community center. All other park work is completed in-house.

The equipment needed for park maintenance is owned by the Township. In order to keep the equipment in good working condition, the public works department personnel perform 95% of the routine maintenance. They also will do any major repairs within their capabilities. However, most major repairs are outsourced. When the need for new equipment presents itself, the Public Works Director will include the recommendation in the annual budget request.

Budgeting for park maintenance is part of the Director's responsibilities. In order for the Director to develop an adequate park maintenance budget, input from the foreman and other staff is gathered. The park maintenance budget has a separate budget number from the line items in the public works budget. Therefore, a closer monitoring of park expenditures is possible.

Financing

The most difficult issue facing almost every community in its quest to provide safe and aesthetically pleasing parks and a variety of quality programs, is finances. Many communities face unexpected issues yearly, either within their parks or within other municipal departments, that often require funding to be redirected, leaving inadequate financing to provide and maintain facilities and programs for their residents. The funds needed to support their facilities and programs generally come from the community's general fund. Since all departments in the community must draw from the general fund to cover their operating and capital budgets each year, it is impossible for each department to be fully funded. In the past and still in some communities today, park and recreation funding has been one of

the first areas to be cut when funds are tight. However, many communities are becoming aware of the value of setting funds aside to provide quality facilities and programs. Over a period of time the value of recreation can be recognized through a reduction in crime, increased economic benefits, and improvements in the quality of life of the residents.

Revenue

Table 2.1 shows the actual recreation revenues for Chartiers Township from 2010 through 2014. The only recreation revenue resource for Chartiers Township prior to 2013 was the Arnold Park Fund which received minimal revenues. In 2013 Chartiers Township received a large rental fee for use of part of the Arnold Park site. Also, in 2013 Friends of Arnold Park received significant donations for development of the park. In 2014 Chartiers Township began seeing actual revenues in the area of recreation from rentals of the community center and program user fees.

Table 2.1: Chartiers Township Park & Recreation Revenues

	Actual 2010	Actual 2011	Actual 2012	Actual 2013	Actual 2014
Recreation Revenues	\$116	\$74	\$36	\$164,636	\$25,713
Percentage Increase	-	(36.6%)	(50%)	4,573%	(84.4%)

Following is a list of current rental facilities in Chartiers Township. All of the rental forms and information can be found online at www.chartierstwp.com/parks-and-recreation/.

- ◆ Community Center – The community center in Arnold Park is 9,100 square feet and includes a banquet room with seating for up to 200, an activities room, conference room and a state of the art kitchen. Amenities include audio and projection system with DVD/CD and television capabilities. As of 2015, the rental fees are as follows:
 - ◇ Full banquet hall (seats 210, 180 with dance area) is \$800/resident and \$900/nonresident with an extra \$100 for the use of the kitchen.
 - ◇ Half room (seats 100) is \$300/resident and \$350/nonresident with an extra \$100 for the use of the kitchen.
 - ◇ Conference room (seats 12-20) rental fee is \$50/resident or \$60/nonresident.

- ◇ Activities room (seats 35) rental fee is \$80/resident or \$90/nonresident.
- ◇ There is a 20% discount on all rentals Monday through Thursday.
- ◆ Picnic Pavilions – Chartiers offers two pavilions for rent, one at Arnold Park and one at Allison Parkette.
 - ◇ Arnold Park Pavilion is \$75/residents and \$100/nonresidents. It offers an excellent rental facility with restrooms, playground, sand volleyball and horseshoes.
 - ◇ Allison Parkette Pavilion is \$50/residents and \$100/nonresidents. It has a playground and basketball court nearby.

Most communities are able to charge user fees to finance recreation programs on at least a break-even basis. Fees and charges are perhaps one of the best methods to cover programming costs. Through user fees, those participating in the programs or utilizing the facilities are supporting the recreational opportunities rather than using tax dollars. The rates for the various programs offered at the Community Center vary. Fitness classes are \$8.00/class for residents, \$10.00/class for nonresidents or \$5.00/class for senior center members. The Senior Center annual membership is \$2.00 and seniors do not have to be residents of the Township to get the senior rate.

Expenditures

Table 2.2 shows the actual park and recreation expenditures for Chartiers Township from 2010 through 2014. Chartiers Township had limited operating expenditures for parks from 2010 through 2012. The

Table 2.2: Chartiers Township Park & Recreation Operating Expenditures

	Actual 2010	Actual 2011	Actual 2012	Actual 2013	Actual 2014
Parks	\$20,757	\$16,848	\$19,081	\$6,080	\$1,071
Recreation	-	-	-	\$16,682	\$19,160
Senior Citizens	\$800	\$965	\$800	\$1,250	\$925
Arnold Park Fund	\$579	\$2,871	\$3,871	\$3,860	\$20,257
CTCC Management	-	-	-	-	\$31,106
CTCC Utilities	-	-	-	\$1,161	\$20,064
CTCC Supplies	-	-	-	-	\$5,240
CTCC Misc.	-	-	-	-	\$3,562
CTCC Programming	-	-	-	-	\$129
CTCC Operating Fund	-	-	-	-	\$9419
Friends of Chartiers Community Park	-	-	-	-	\$6,914
Total Expenditures	\$22,136	\$20,684	23,752	\$29,033	\$108,428
Percentage Increase		(6.6%)	18%	22.2%	273.4%

only expenditure for recreation during that period was for the seniors. Then in 2013 there was a significant decrease in the expenditures for parks while recreation had a significant increase. This is probably due to the construction of the community center. With the opening of the community center in 2014, there was a sizeable increase in expenditures. Based on these operating expense figures, it is assumed that the public works labor cost for park work isn't included in this part of the budget. It is recommended that all costs associated with parks and recreation, including public works labor in the parks, be included as a line item in the parks and recreation section of the budget. This will provide a more realistic view of parks and recreation operating costs for the future.

Capital expenditures for the community center were not included in the above chart since they were a large onetime expense. The chart only represents operating cost and participant recreation costs. In order to have a better defined budget for parks and recreation, it would be advantageous to divide the budget into two areas. The first area would comprise all participant recreation, while the second area would represent all park expenditures.

Table 2.3 gives a description of the percentage of the budget designated to each major segment of the Township's budget from 2010 through 2014. This provides a better understanding of the

Table 2.3: Chartiers Township Expenditures Comparison

	Budgeted 2010	Budgeted 2011	Budgeted 2012	Budgeted 2013	Budgeted 2014
General Gov't. Administration	14.6%	13.2%	10.7%	13.2%	12.6%
Police Department	40.0%	39.0%	34.6%	41.3%	39.1%
Fire Department	5.2%	6.1%	4.2%	4.6%	4.2%
Planning & Zoning	3.0%	4.8%	4.0%	5.7%	7.3%
Sanitation/Recycling	2.1%	1.8%	1.7%	2.5%	2.8%
Public Works	24.6%	21.0%	17.5%	20.8%	19.1%
Cultural	.5%	.5%	.4%	.6%	.6%
Recreation	.8%	.6%	.6%	.8%	2.6%
Operating Transfers	-	3.6%	19.8%	7.2%	2.2%
Debt Services	1.1%	-	-	-	-
Benefits & Insurance	7.8%	9.1%	6.4%	9.2%	9.4%

percentage of the budget going to recreation. Chartiers Township has supported recreation through taxes for many years. The Township maintained a relatively small percentage of the budget expenditures for recreation from 2010 through 2013. In 2014 the percentage of recreation expenditures did increase in comparison to the rest of the Township's budget. However, parks and recreation still ranks near the bottom in overall Township expenditures. The average expenditure for recreation over the past five years is 1.08% of the budget. With the operation of the community center, expansion of programs, inclusion of public works labor time in the parks budget, improved park maintenance, and potential development of facilities in the parks, there should be a substantially larger percentage of the budget designated to parks and recreation.

Table 2.4 compares Chartiers Township's 2015 projected operating budget to other communities in western Pennsylvania with similar socio-economic characteristics. For this comparison only the park and recreation operating expenditures were considered using the budgeted expenditure information from the general fund and the impact fee fund. When comparing the twelve communities listed in the above chart, Chartiers Township's population is just slightly larger than the average for all of the communities. The communities vary in terms of their organizational structure with regards to parks and recreation, types of facilities and programs offered and maintenance of parks and recreation. It must be noted that some of the communities, including Chartiers Township, do not include the public works maintenance hours in the park and recreation operating budget. This does skew the actual operating expenses, as these expenses should be added to the parks budget to determine the true

Table 2.4: Comparison of Park & Recreation Operating Expenditures

Community	County	Population	Operating Budget	Per Capita Budget
Chartiers Township	Washington	7,856	\$98,250	\$12.51
North Strabane Township	Washington	13,408	\$290,100	\$21.64
South Strabane Township	Washington	9,346	\$56,800	\$6.08
Canton Township	Washington	8,375	\$18,000	\$2.15
Houston Borough	Washington	1,296	\$12,600	\$9.72
Canonsburg Borough	Washington	8,992	\$297,313	\$33.06
Cecil Township	Washington	11,271	\$149,000	\$13.22
Collier Township	Allegheny	7,080	\$580,789	\$82.03
Findlay Township	Allegheny	5,060	\$599,683	\$118.51
City of Clairton	Allegheny	6,797	\$154,000	\$18.33
Marshall Township	Allegheny	6,915	\$263,032	\$38.04
Ohio Township	Allegheny	4,757	\$141,850	\$29.82
Total		91,153	\$2,661,417	\$385.08
Average		7,596	\$221,785	\$32.09

operating expenses for parks and recreation. Thus the figures used are not fully representative of the actual budget expenses for these communities.

According to the above comparisons, Chartiers Township ranks in the lower third for park and recreation operating expenditures. The Township's park operating expenditures are 61% below the average per capita expenditure to maintain their parks and provide programs for the community. Additionally, the Township has budgeted \$282,959 from the capital reserve fund for new construction and upgrades to existing facilities in the township parks. Since this is capital expenditures, which changes significantly year to year for each community, it wasn't included in the overall comparison.

Budget Process

To properly develop a good budget, it is imperative to analyze the previous year's revenues and expenditures, taking into account the economic conditions at the time, and seeking employee input.

Budget revenue and expenditure considerations include:

1. Projected revenues from various sources
2. Proposed program expenses
3. Administrative expenses
4. Staff expenses
5. Park expenses such as utilities, maintenance supplies, equipment and contracted work

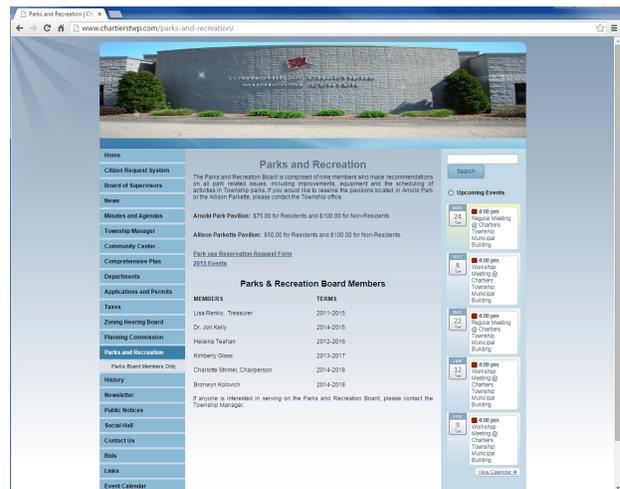
This process appears to be followed in establishing a budget for the parks. Development of the park budget begins in August when the community center manager and the public works director formulate their portion of the budget request. They submit their budget request to the township manager who reviews the requests. The supervisors will then meet with the recreation board and the parks board. After meeting and reviewing the requests, a final draft is developed. The supervisors then establish the final balanced budget and formally approve the budget.

Marketing

Effective communication is imperative to inform residents of a community about recreational facilities and programs. As in many communities, knowledge of the recreation facilities available and program opportunities is an issue. It is important for the residents to be aware of the facilities and programs that are offered. Therefore, spending resources on public relations and marketing is money well spent. Public relations, marketing, customer service, and community relations are four complementary functions that have the same goal: making the recreation and park services more successful.

Currently, the Township uses the following marketing methods to provide residents with information:

- ◆ Township website (<http://www.chartierstwp.com/>)
 - ◇ Calendar of upcoming events
 - ◇ Park use reservation request forms, facility rental fees and information
 - ◇ Township newsletter
- ◆ Facebook (Township, Recreation Board, Library, etc.)
- ◆ Newspaper (Observer Reporter)
- ◆ Swift 911 (notifies residents by phone in the event of an emergency or for sharing important information)
- ◆ Digital sign at the Township Building
- ◆ Bulletin boards
- ◆ Word of mouth





Parks and Recreation Facilities

Before determining what Chartiers Township must do to enhance its recreation facilities and programs, a thorough examination of the existing facilities and programs had to be completed. Table 2.5 lists the various parks and recreation facilities located within Chartiers Township. While this plan focuses on the Township parks and recreation facilities, the others were included in the inventory and as stakeholders to document what types of facilities they offer and identify potential opportunities for partnerships.

Figure 2.1 on page 2-10 shows the locations of the parks and recreation facilities.

Table 2.5: Parks and Recreation Facilities in Chartiers Township

Park/Facility Name	Type	Ownership
Allison Parkette	School-Park	Chartiers Township / School District
Arnold Park	Community Park	Chartiers Township
Pine Lawn Park	Open Space	Chartiers Township
Ullom Property	Open Space	Chartiers Township
Canonsburg Town Park	Community Park	Canonsburg Borough (part of it is in the Township)
Washington County Fairgrounds	Special Use Park	Washington County
Washington County Children's Garden	Special Use Park	Washington County
Chartiers-Houston Soccer Fields	Special Use Park	Chartiers-Houston Soccer Club
PA Trolley Museum	Private (Museum)	Museum
American Legion Complex	Private Park / Recreation Facility	American Legion
Chartiers-Houston High School	School-Park	School District
Chartiers Township Fire Hall	Private Park / Recreation Facility	Fire Department

Regional Parks & Facilities

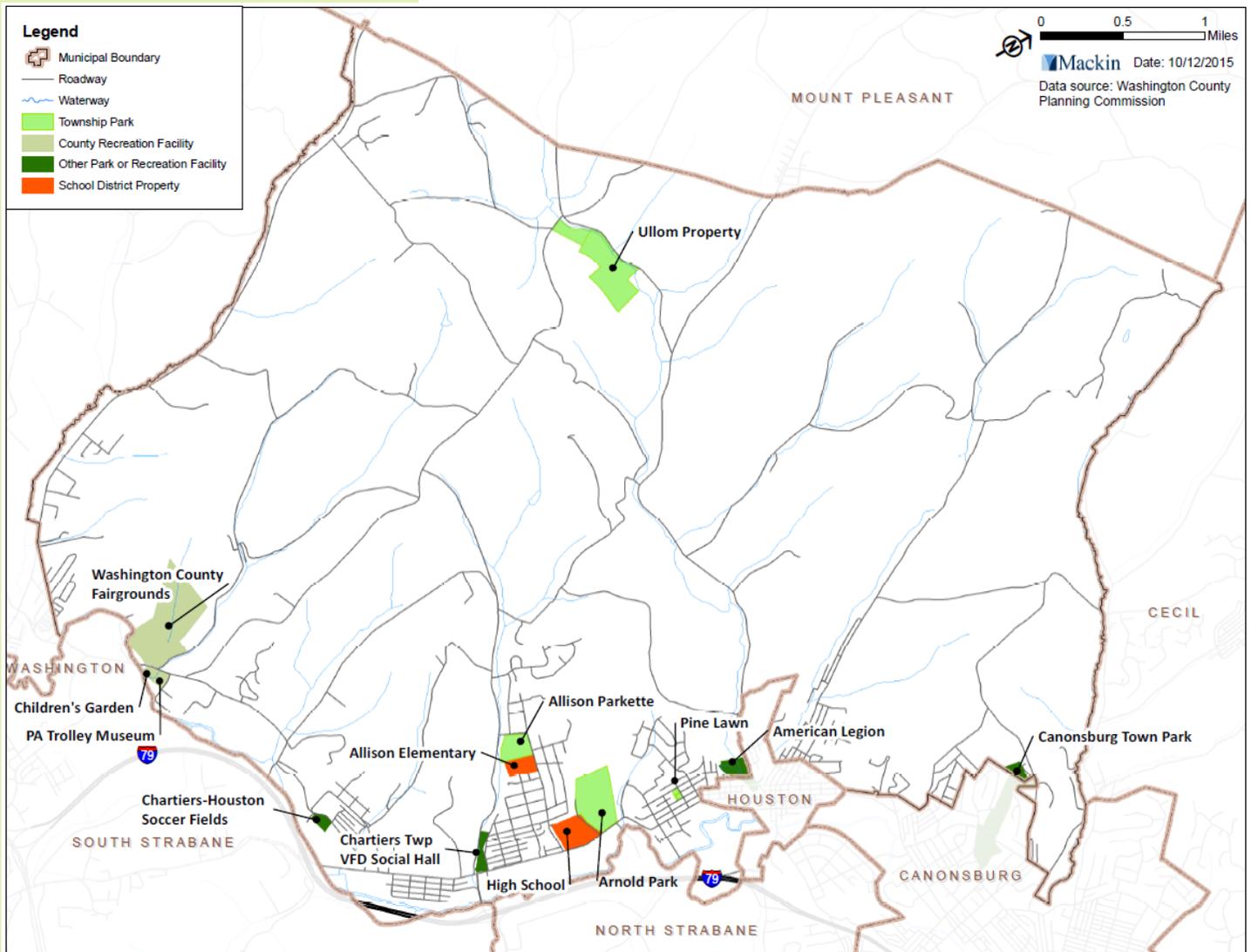
Regional recreation facilities are available for residents within the Township and also in nearby areas.

Washington County Fairgrounds

The Washington County Fairgrounds are located in Chartiers Township. The Fairgrounds host the annual Washington County Agricultural Fair to celebrate Western Pennsylvania heritage, culture and community. The Fairgrounds also host a variety of other events throughout the course of the year (source: <http://www.washingtonfair.org/>).



Figure 2.1: Parks and Recreation Facilities in Chartiers Township



Washington County Children’s Garden

The Washington County Children’s Garden is located across from the Fairgrounds and is open to the public year-round during daylight hours. It is a public perennial garden designed for children to discover, explore and learn about their natural world. The garden consists of many raised beds and each one has a theme such as the Alphabet Garden, Mr. McGregor’s Garden, the Butterfly Garden, Herb Garden and Rainbow Garden. There is an area for children to dig and plant their own seeds and flowers. Special programs are scheduled on-site throughout the summer and will host programs for children organizations and schools (<http://extension.psu.edu/plants/master-gardener/counties/washington/demonstration-garden/the-washington-county-children2019s-garden>).

Pennsylvania Trolley Museum

The Pennsylvania Trolley Museum came to Chartiers Township, Washington County in February 1954 and offers a collection of nearly 50 cars, over 600 members worldwide, 150 active volunteers and over 30,000 visitors each year. The Museum offers field trips, classroom visits, scouting merit badges, Washington County Courthouse Tours, special events and birthday parties (source: <http://pa-trolley.org/>).

Quasi-Public / Private Recreation Facilities

The following public/quasi-public and private parks and recreation facilities are also located in Chartiers Township:

- ◆ Canonsburg Town Park: Primarily located in Canonsburg Borough, this large park features a public swimming pool, playgrounds, picnic pavilions, ball fields and amphitheater
- ◆ Chartiers-Houston Soccer Fields: soccer fields, concession stand, pavilion
- ◆ American Legion Complex: Legion building, three pavilions, open fields
- ◆ Chartiers-Houston High School: football field, practice field, gymnasium, ball field
- ◆ Chartiers Township Fire Hall: social hall, open practice field

Chartiers Township Parks & Facilities

Chartiers Township has four park areas available for the residents. However, only two of the sites currently have recreation facilities. As part of this plan, a detailed inventory of each park owned by the Township and the recreational amenities within each was completed by a Certified Parks and Recreation Professional (CPRP) during the summer/fall of 2015. This inventory provides a comprehensive list of amenities available in each park and identifies potential liability issues, maintenance concerns, compliance with 2010 Standards for Accessible Design section of the Americans with Disabilities Act of 1990 (ADA), condition of the facility/amenity and age appropriate facility.

Allison Parkette

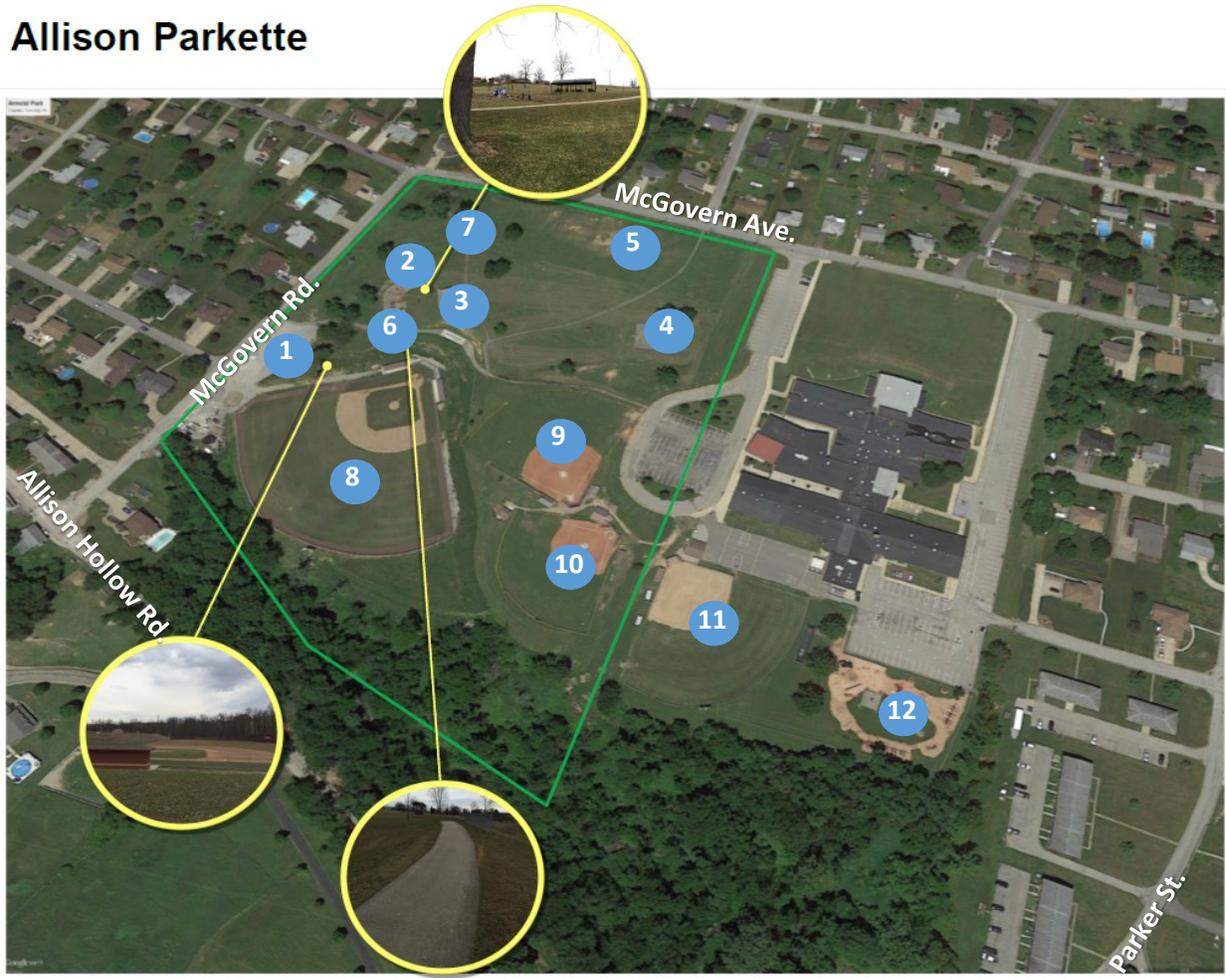


Table 2.6: Allison Park Assessment

Facility	Description	Amenities	Condition	Ages Served	ADA Access
1 Parking Lot	Limestone chip surfacing	Medium size area for park and for high school ball field; port-a-john	Fair	N/A	No
2 Playground		Play structure – two slides, transfer station, two climbers, overhead rings, five small decks; two bay swing set 10’ high; two spring animals; see-saw; two wood benches with concrete legs; one metal bench	Good	2 – 5 & 5 - 12 year olds	No
3 Pavilion	20’ x 40’	Concrete floor; nine wood tables; eight lights; four electrical outlets; trash cans	Good	All	No
4 Basketball Court	90’ x 50’	Glass backboards; lined; hoops; asphalt surface	Good	Youth/ Adults	No
5 Multipurpose Field	Level open grass area	Flagpole	Good	Youth/ Adults	No

	Facility	Description	Amenities	Condition	Ages Served	ADA Access
6	Trail	Concrete path connecting some of the facilities	Approximately 3' in width; street lights; bench	Fair	All	No
7	Open Grass Area	Majority of site is sloping	Variety of trees throughout grass area; landscape bank below covered table; memory plaque above covered picnic table; two wooden covered tables	Good	All	No
8	Baseball Field	Ball field	Decorative block dugouts with player bench; standard backstop; top cap on fencing; four seat aluminum bleacher; electric scoreboard; batting cage	Good	Youth	No
9	Softball Field	Ball field	Block dugouts with player bench; dirt infield; top cap on fencing; straight backstop with netting above	Good	Youth	No
10	Softball Field	Ball field	Wood dugouts with player bench; concession; two 3 seat wood bleachers; straight backstop with netting above; hand scoreboard	Good	Youth	No
11	CH School District Ball Field	School Field 315'L, 350'C, 308'R	Adjacent to park (behind school); decorative block dugouts with aluminum player benches on concrete pad and storage unit at end, 20' high straight backstop; scoreboard; warning track; storage shed; trash cans; grass infield; practice pitch area; two 15' four seat bleachers	Good	Youth/ Adults	No
12	Elementary School Playground					

In general the existing facilities in Arnold Community Park are in very good condition with only minor maintenance issues and improvements that need to be addressed. These issues are listed on the park inventory matrix for each park. The issues listed were those noted at the time of the inventory. Some of the issues may have already been addressed, and others may have come about since the inventories were completed. It is imperative to maintain a watchful eye on the all facilities in order to recognize maintenance problems and address them in a timely manner, especially those that could develop into a hazardous condition.

Pine Lawn Park (Library Site)

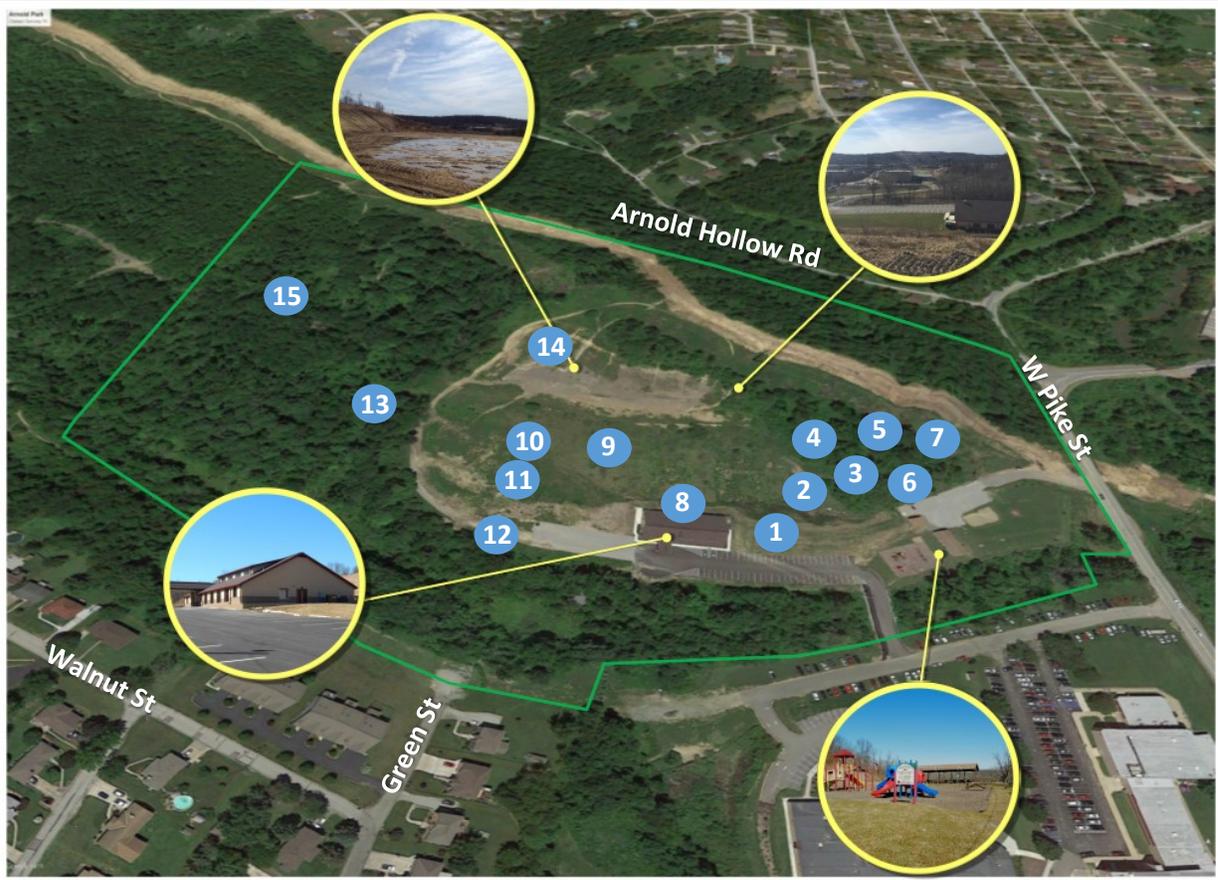


Table 2.7: Pine Lawn Park Assessment

Facility	Description	Amenities	Condition	Ages Served	ADA Access
Open Space	Relatively level site adjacent to the Library	Nice variety of trees; Old stone fireplace; Old covered well; Picnic table; Landscaped area at corner of Moninger Ave. & Grant Street; Pull off area along Grant Street	Fair	Youth/ Adult	No

Pine Lawn Park is located along Grant Street adjacent to the Chartiers-Houston Library. Currently this is a small open site that has the potential to be a beautiful neighborhood park. Coordination and cooperation with the library in the development and programming at this park could provide all township residents with a variety of recreational and educational experiences.

Arnold Park



2. INVENTORY

Table 2.8: Arnold Park Assessment

Facility	Description	Amenities	Condition	Ages Served	ADA Access
1 Entrance to Pavilion	Limestone chip surfacing	Small parking lot	Fair	N/A	No
2 Playground	Miracle structure	60' x 84' with adjacent 10' x 16' sandbox, playground sign; 2 -5 year old structure – three slides, transfer station, three deck levels; two bubble panels, one play panel; 5 – 12 year old structure – two slides, three climbers, one overhead ladder; chin up bar, spinning wheel, two deck levels, transfer station; 10' swing set – three bay – two with regular seats & one with 1 regular seat & 1 infant seat; swing mats; two benches & one picnic table outside play area; grass area around playground.	Good	2 – 12 year olds	No

	Facility	Description	Amenities	Condition	Ages Served	ADA Access
3	Pavilion	30' x 60'	Sixteen – 8' wooden picnic tables; two benches with concrete legs and wooden seats; lighted on ends; six electrical outlets; concrete floor; gutters & downspouts	Good	All	Yes
4	Restrooms	Decorative block	Standard restrooms; water meter alongside of restroom	Good	Youth/ Adults	Yes
5	Sand Volleyball Court	30' x 60' court	Brown sand; 6" x 6" posts; grass infringing onto court; no outline of court borders	Fair	Youth/ Adult	No
6	Horseshoe Pits	Two pits	3' x 4' boxes	Fair	Adults	No
7	Open Grass Area	Semi-level area	Large open grass area adjacent to pavilion; 4' fencing around part of area; six – 2" red maple trees; fire area (note: remove nails on ground); four – 25' light poles	Good	Youth/ Adults	No
8	Entrance & Parking for Community Center	Enter along CH High School	Paved to Community Center; 52 regular parking spaces & two handicap spaces; alcove area for drop off at center entrance; circular turn around area; catch basin	Excellent	All	Yes
9	Community Center	New building opened 2014	Entry with table, chairs & bulletin board; office; seniors room with four card tables, four – 8' tables, chairs, & TV; water fountain; restrooms; large hall with a capacity of 473, projection system with audio; partition area with a capacity of 32; Large commercial kitchen; meeting room with a capacity of 22, TV, white board; conference table & cushioned chairs	Excellent	All	Yes
10	Grass area Adjacent to Community Center	Open grass both sides of center	Semi-level areas; detention pond & drainage ditch behind grass area	Good	Youth/ Adult	No
11	Parking Lot past Community Center	Limestone/ milling parking area	Under construction; access to new ball field	N/A	N/A	N/A
12	Observation Deck	24' x 48' deck with an 8' walkway out to deck	Composite deck, railing & spindles, wooden 6' x 6' support posts; wetland area; 2' stream flowing through wetland; variety of trees	Fair	Youth/ Adult	No

	Facility	Description	Amenities	Condition	Ages Served	ADA Access
13	Access Road to New Ball Field	River gravel/mud	Under construction	N/A	N/A	N/A
14	Ball Field	Under Construction	Will be a nice size field when completed	N/A	N/A	N/A
15	Large Wooded Area	Woods with gas line cut	Leveled off area above new ball field; deep cut through wooded area; old farm road/logging road; old retention pond; ATV trails; variety of trees; large flat area near new ball field; hillside into stream area	Good	Youth/Adults	No

Ullom Site



Table 2.7: Pine Lawn Park Assessment

	Facility	Description	Amenities	Condition	Ages Served	ADA Access
1	Entrance	Stone chip surfacing	Gated, opens into wide grass & limestone area	Fair	N/A	No
2	Proposed Shooting Area	150 yard long area	Approximately 12' high embankments on three sides	Fair	Adult	No
3	Stream	15' – 20' wide	Nice stream flowing through the full length of the property	Good	Adult	No
4	ATV Trail	Natural	Wide open trail starting near the entrance and creating a loop throughout the property, appears to be well used.	Fair	Teen/adult	No

Facility	Description	Amenities	Condition	Ages Served	ADA Access
<p>6 Open Space Area</p>	<p>Natural area with steep slope on each side with a wide section at the end opposite the entrance</p>	<p>Large undulating area approximately 100 yards wide through the center of the property; primarily consist of a white pine grove with some spruce; a power line cut traverses part of the property on the stream side; the opposite side has several pond areas exhibiting a variety of aquatic life; turkey & deer frequent the area; camping & fire pit area at far end of property; 40 yard wide grass cut through property</p>	<p>Fair</p>	<p>N/A</p>	<p>No</p>



Programs

Chartiers Township area has a variety of public, private and quasi-public entities that provide various forms of recreational activities for residents in nearby communities and beyond.

Public Programs

Public recreation programs in Chartiers Township are sponsored by two main organizations: the Chartiers Township Recreation Board and the Community Center.

Recreation Board

The Recreation Board offers a variety of special events and community programs throughout the year. Following is a list of special event programs they have offered and the percentage of people that indicated on the survey that they have attended each program.

The Recreation Board plans on continuing these programs, but is considering the possible elimination of the car cruze and the movies if the attendance doesn't improve. They would like to offer one special event each month and are tossing around a few ideas, including a murder mystery party, karaoke, a cultural program and an old fashioned fireman's carnival.

They would also like to see more activities planned for adult men and for teens. They would especially like to plan more activities at the community day that would draw more teens to this event.

In order for the Township and the Recreation Board to expand programming, the Recreation Board feels that park facilities need to be expanded, including: a gymnasium, an amphitheater, a gazebo, more pavilions, tennis courts, bike trails, and improved connectivity.

Community Center

The opportunity to offer a greater variety of programs for all ages came with the opening of the community center in 2014 and the hiring of a Community Center Manager. In the spring of 2015 the Township hired a recreation professional as the new Community

Table 2.8 – Chartiers Township Recreation Board Programs

Special Event	2014 Public Survey Attendance
Easter Egg Hunt	13.0%
Car Cruze	10.1%
Movies	8.3%
Light Up Night	10.1%
Concerts	27.2%
Bark Park	3.6%
Chartiers Community Day	26.0%
Bus Trips	1.8%
Breakfast with Santa	Not listed on survey
Tailgate Party	Not listed on survey

Table 2.9 – Chartiers Township Community Center Programs

Existing Programs	Active/ Passive	Competitive/ Non- Competitive	Individual/ Group	Sex	Ages	Experience	Fee
Easter Egg Hunt	Active	Competitive	Individual	Both	Youth	Fun	Free
Family Movie Night	Passive	Non-Competitive	Family	Both	All	Entertaining	Free
“Girls Only” Bus Trip	Passive	Non-Competitive	Group	Women	Adult	Entertaining	Fee
Bus Trips	Passive	Non-Competitive	Group	Both	Adult	Entertaining	Fee
Chartiers Community Day	Active	Non-Competitive	Family	Both	All	Entertaining	Free
Breakfast with Santa	Passive	Non-Competitive	Family	Both	Youth	Entertaining	Free
P.A.L.S.	Passive	Non-Competitive	Family	Both	Youth	Entertaining & Social	Free
Senior Bingo	Passive	Competitive	Individual	Both	Seniors	Social	?
Duplicate Bridge	Passive	Competitive	Individual	Both	Seniors	Social	?
Knitting/ Crochet Club	Passive	Non-Competitive	Group	Women	Adult Seniors	Social & Educational	?
Midline Momentum Cardio	Active	Non-Competitive	Individual	Both	Adult Senior	Physical	Fee
Zumba	Active	Non-Competitive	Individual	Both	Adult	Physical	Fee
Line Dancing	Active	Non-Competitive	Group	Both	Adult Senior	Physical	Fee
Senior Meeting	Passive	Non-Competitive	Group	Both	Seniors	Social	Fee

Center Manager, after the previous manager resigned. The new manager immediately began expanding existing programs, planning new programs for the future, seeking alternative facilities, such as a swimming pool and indoor basketball court where programs could be offered for community residents, seeking donations and sponsorships, writing a recreation newsletter. Since these are new programs and/or programs planned for the future, there isn't any participation trend information available. However, with the current effort to enhance recreation programming there will be a nice variety of programs available for all ages, genders and abilities in the near future.

Senior Citizens

Another active group in the Township is the Chartiers Senior Citizens. The Township has supported this group for many years. The Township has provided a room in the Arnold Park Community Center where approximately 70 to 80 members meet the third Tuesday of each month for a business meeting and luncheon. They have educational or informational speakers at their meetings and occasionally entertainment. They also have special events, such as, a Black and Gold Party in September, a Christmas Luncheon, a July picnic, Healthy Steps, Alzheimer's Cognitive Reserve, and various trips. Besides these activities some of the seniors will get together to play duplicate bridge and bingo. Some of the seniors also participate in line dancing and Zumba programs sponsored by the Township.

Sports Organizations

Following is a list of sports associations in the Chartiers Township area.

- ◆ Chartiers Houston Youth Baseball Association
- ◆ Chartiers Houston Girls Softball Association
- ◆ Chartiers Houston Soccer Association
- ◆ Chartiers Houston Youth Football Association

Private Programs

Table 2.10 lists a variety of businesses that offer different forms of recreation programs near Chartiers Township.

Table 2.10 – Private Recreation Resources

Facility Name	Facility Features	Programs/Activities	Age & Sex Served	Program Fee
PA Trolley Museum	Street Cars, exhibits, museum	Four mile trolley ride, guided tours, theater	All	Fee
Bodytorium Fitness	Exercise equipment, weights	Rehabilitation program, nutrition, diet, personalized training, massage therapy	Teen - Adult	Fee
Kang’s Black Belt Academy		Tae Kwon Do, Lil Dragon Karate, Cage Fitness Workout Program	Youth - Adult	Fee
Ata Martial Arts Academy		Tae Kwon Do	Youth - Adult	Fee
PA Martial Arts Academy		Jun Fan JKD, Tae Kwon Do, Boxing, Young Jedi, Muay Thai, Filipino Martial Arts, Jiu-Jitsu	Youth - Adult	Fee
Synergy School of Artistic Dance		Tap Dance, Ballet, Fun Dance, Hip Hop, Synergy Dance, Acro & Contortion Preschool Dance, Little Kids Dance	Preschool – Teen	Fee
Dance Extensions Performing		Hip hop, Ballet Dance Arts, Dance Lessons, Contemporary Dance Group	Youth	Fee
West Pike Bowl	20 lanes, Game Room, Pool Tables, Bar Restaurant	Bowling, Leagues, Cosmic Bowling, Events, Parties	Youth - Adult	Fee
Canonsburg Sportsmen’s Association	Archery Range, Fishing Pond, Rifle Range, Pistol Range, Trap Range	Hunter Safety Course, Fishing Derby’s, Youth Field Day, Kid’s Christmas Party, Tailgate Parties	Youth - Adult	Membership
Washington Sportsmen’s Association	Trap Range, Skeet Range, Pistol Range Clubhouse	Shooting	Youth – Adult	Membership



Key Findings— Administration



1. The overall administration of parks and recreation is divided amongst a variety of staff and departments, making roles and responsibilities unclear.

Over the years, as parks and recreation has expanded, the Township has hired additional staff to administer and manage the facilities and programs. Currently, the roles and responsibilities are divided amongst a variety of staff and departments, rather than consolidated into a recreation department. Creating a recreation department or at least a director position, would allow the Township to more effectively plan, manage and administer parks and recreation amenities.

2. There is an opportunity to build relationships with surrounding communities and develop regional initiatives.

Chartiers Township has cooperated in shared services with the surrounding communities, primarily with police and fire services, but very little in the area of recreation. Developing cooperative partnerships is one of the most beneficial ways to provide a variety of programs and facilities for the community. Everyone benefits through these partnerships, the municipalities involved, the residents of the communities and the organizations/businesses that join together to form the partnership to provide a wider range of program opportunities. As the Township continues to improve and further develop their park system, they should seek out interested parties that are willing to cooperate/coordinate to improve the quality of life for the residents of the region and to help bolster the economy. Cooperative efforts should be discussed with recreation providers in the area, businesses, and, as previously discussed, the schools. Most places are willing to partner in some way, possibly through advertising, financial help, use of facilities, or expansion of programs. These are all very important to the successful development of a quality park system and exceptional programs.

3. The Township and the School District need to strengthen their partnership.

An expanded relationship with Chartiers Houston School District could open up opportunities for the Township to utilize school facilities, such as the gymnasium, cafeteria, auditorium, library, computer rooms, home economic rooms, art rooms, music rooms, shop areas and possibly classrooms. Arnold Park is adjacent to the Junior/Senior High School and Allison Parkette is adjacent to Allison Elementary. The parks offer opportunities for the School District to use as outdoor classrooms and educational programs. This can be a win-win situation for the school and the community by providing facilities that are otherwise unavailable to each entity to conduct programs.

4. Not all residents know what recreation opportunities exist in the Township.

The 2013 Chartiers Township Parks Survey data show that the majority of respondents did not participate in the parks or programs. The survey didn't ask for reasons why not, but in talking to residents during the planning process, it became apparent that many are unaware of the facilities and programs available in the Township.

Since public relations and proper marketing are two of the ways to successfully provide a vibrant parks and recreation programming initiative, it is vitally important for the Township to continue to utilize current methods, expand them (particularly the use of social media) and develop new methods to inform the residents about recreation in the Township. Social media can be an effective method to publicize parks and recreation as well as gather feedback from users. Users can provide real-time comments as to potential issues or hazards, as well as help to publicize events.

Social media is not a replacement for traditional methods of communication however, as not all residents will use it. As the Township develops new facilities and programming, it is important to remember that two of the most effective methods for promoting the facilities and programs are by word-of-mouth and positive-participation-results in past events. This is true in almost any area where quality programs and events are offered.

5. While recreation expenditures have increased over the years, annual dedicated funding for parks and recreation is needed.

Chartiers Township ranks in the lower third of comparable municipalities for park and recreation operating expenditures per capita. The Township's park operating expenditures are 61% below the average per capita expenditure to maintain their parks and provide programs for the community. It is commendable that the Township provides a number of parks and programs for the residents; however, additional funding should be provided to improve the parks and enhance the programming.

It is recommended to develop two separate categories in the Township budgeting process: Participant Recreation and Parks Operation & Development. The participant recreation section would encompass all aspects of programming for both revenues and expenditures. The parks operation and development would encompass all expenditures for operating, maintaining, and developing the parks.

The Township has a fee resolution, but there isn't a written revenue policy. The Township should develop a written revenue policy to establish a framework for setting fees and charges for both the programs and facilities.

6. The maintenance of the parks and facilities needs to be improved.

Each area and facility maintained should be thoroughly inspected and compared to the standards of acceptable conditions. The information obtained should then be incorporated into the maintenance plan and given to all employees. The maintenance plan will provide them with the general information needed for the proper type and frequency of maintenance for each park, facilities and equipment. The employee's responsibility is to contact the public works director for instruction on circumstances not covered in the maintenance plan. It is also the employee's responsibility to take notice of safety conditions at each park or facility, and take immediate action to secure against accident or injury until a recognized hazard can be eliminated.

Chartiers Township Public Works Department does not currently have a preventative maintenance plan in place. However, the Department conducts some preventative maintenance, such as regularly conducting site visits to ensure that there are not any existing issues. The department should develop a preventative maintenance schedule in the near future. A proactive plan should be designed to eliminate major issues before they arise by taking into consideration both the short and long range maintenance details. This will not eliminate all potential issues, but will allow the issues to be handled more efficiently when they arise. Another value to the proactive approach is the cost savings. There is a significantly lower cost to providing general maintenance rather than doing major repairs. The proactive approach will eliminate poor maintenance practices that can result in substandard facility appearance and safety. The proactive approach, once established, will provide a quality ongoing maintenance plan that will ensure safe, usable facilities and encourage patrons to continue coming back.

In terms of responsive maintenance, the Department addresses repair issues when needed. However, as part of the overall maintenance plan, a responsive maintenance plan is needed to accommodate these unforeseen issues that will arise. This aspect of the plan provides direction for the immediate repair or closing of a facility until repairs can be made. A reactionary plan will require specific and timely attention to the pending issue and will vary with each situation.

The current turf management primarily consists of mowing the grass when needed; it is recommended to establish a turf maintenance plan to ensure that the turf is maintained to the standards desired by the Township. The turf management plan should include all aspects of turf management including a regular mowing schedule; maintenance of worn area; drainage issue repairs; landscaping procedures, including specifics on types of grass seed; proper irrigation procedures for any areas that may be irrigated; turf disease procedures, including; insecticide, fungicide, and herbicide treatment; a fertilization schedule; procedures for signing areas that have been treated; and the methods for properly recording any treatments. As other aspects are incorporated to improve the turf, these items should be added into the turf management plan. This plan may include different standards for each park site, and potentially different standards within a park site based on the condition and quality desired in variously areas of each park. An example may be maintaining the turf around the community center to a higher standard than the turf at the outlying areas of the park.

The Township doesn't have a written risk management plan in place; however, the Department of Public Works completes general inspections regularly to ensure the safety of park users. Risk management should encompass a proactive approach to eliminating any potential incidents before they occur. Completing regular playground inspections and maintaining records of the inspection is one of the top risk management priorities to ensure the safety of the playgrounds and avoid any potential liability issues. Continued inspections of other facilities and amenities are also important to avoid issues that may arise. Other than the inspections currently being done, the Township's approach to risk management has primarily been reactive rather than proactive.

Another part of risk management is having staff trained in CPR/AED. Three of the public works employees have CPR/AED training along with first aid training. It is necessary for these employees to attend update CPR/AED training every two years to maintain their certification. The safety of workers is another important consideration that the Township takes seriously by providing the following safety equipment: safety glasses, ear protection, gloves, face shields, chaps, and helmets. Workers are also required to wear steel-toed shoes. As another safety precaution, depending on the type of work that is being completed, at least two people should be available on certain jobs. Assigning at least two workers increases the likelihood that workers will be adequately able to respond to any problem or safety concern that arises.



Key Findings— Parks and Recreation Facilities



Comparative Benchmarking

The National Recreation and Park Association (NRPA) has actively supported the improvement of parks and recreation throughout its existence. One of the ways NRPA enables better parks and recreation is by providing tools for agencies to analyze and compare their performance and facilities to other agencies across the country. Formerly, NRPA published the “Recreation, Park and Open Space Standards and Guidelines” to assist agencies in the planning and development of park and recreation facilities. While these guidelines are still widely used, NRPA no longer considers their use a best practice for agency management and planning. Applying a “one size fits all” approach to address the needs of widely varying communities does not provide accurate guidance for parks and recreation planners.

Instead, NRPA advocates the use of comparative benchmarking. The Parks and Recreation Operating Ratio and GIS (PRORAGIS™) system, a tool to collect and analyze data about parks and recreation agencies across the country, allows users to compare themselves to departments that they identify as similar to themselves – whether similar in geography, climate, size, or number of total employees. Users complete a survey that captures data about their agency and its responsibilities, and are then able to analyze their data and compare themselves to individual agencies or aggregated groups of agencies. PRORAGIS also allows agencies to upload existing GIS information about their facilities, or build a GIS dataset for their agency. Once this information is entered into PRORAGIS, agencies can perform various analyses about their parks and programming. For instance, PRORAGIS provides the ability to examine the location of facilities in relation to current demographic and socioeconomic data, allowing proactive planning of facility and program development to better serve communities.

Table 3.1— Comparative Benchmarking—Chartiers Twp Profile

Population	7,856
Land Area	25 square mile
Population Density	314 persons per square mile
Total Park Land	63.3 acres



Source: <http://parkscore.tpl.org/>

Comparisons in the following section are with Park Score (75 cities in U.S.) and NRPA 2014 PRORAGIS Community Standards of Communities with less than 500 population per square mile.

1. Chartiers Township is fairly well-served by its existing parks; however, should be looking to add new neighborhood parks to better serve existing and future residents.

Park acres as a percentage of Township land area is 0.40% (not counting the acres for Ullom since it is undeveloped at this time). The median score was 9.1% among Park Score communities.

However, when looking at park acres per 1,000 population, the Township scores 8.0, which is significantly higher than the NRPA median score of 4.6.

Community parks provide areas suited to intense recreation facilities such as athletic complexes, courts games, picnic pavilions and swimming pools. Community parks may be in an area of natural quality for passive recreation or may contain a combination of both types of recreation. These parks should be suitable for intense development and easily accessible. Community parks may have a service radius of up to three (3) miles and are 25 acres in size or larger. Arnold Park, while not fully developed, serves as a Community Park for Chartiers Township. Using a three-mile service area, it adequately serves the entire Township.

A neighborhood park/mini-park/playground are areas for intense recreation activities, such as field games, court games, crafts, play equipment and picnicking. These parks should be suitable for intense development, easily accessible, and be geographically

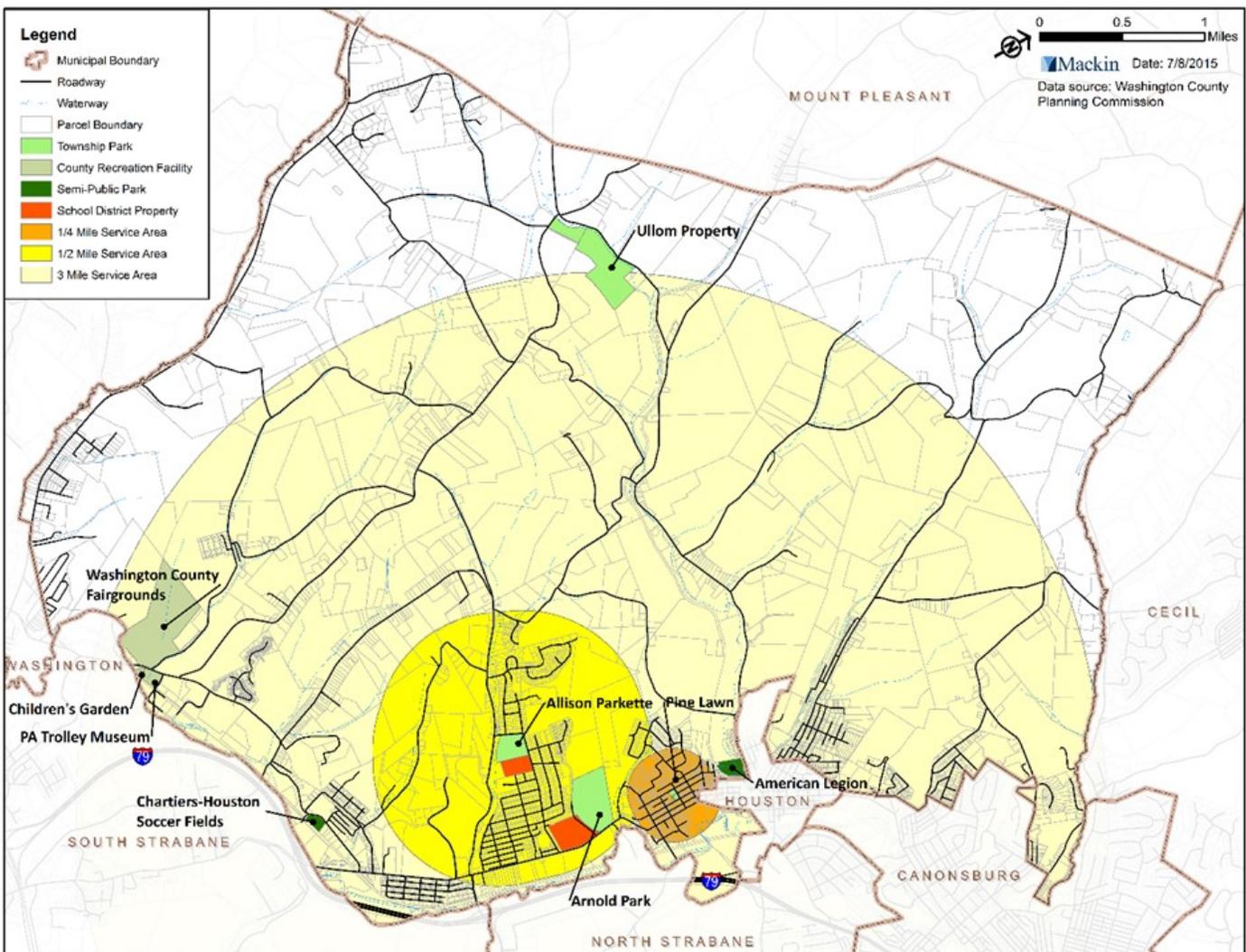
centered with safe access. They typically have a service area of ¼ to ½ mile and should be 1 to 15 acres in size.

Allison Parkette serves as a neighborhood park and according to the facilities offered, has a service area of half-mile. Pine Lawn Park, while currently undeveloped, would be classified as a mini-park with a service area of a quarter-mile.

As shown in Map 3.1: Park Service Areas, Chartiers Township is well-served by community parks, but many areas in the Township lack a neighborhood park/mini-park/playground.

One of the Park Score comparisons is access to parks. The overall goal is to provide a park within a ten-minute walk of all residents. While this is not necessarily realistic for more rural areas, it is still important to examine the accessibility of parks to residents. Map 3.2 shows the population within Chartiers Township using Census Blocks (the smallest geographical units for which population data is compiled). Currently, 37% of Chartiers Township’s residents (2,942) live within a ten-minute walk of a

Map 3.1: Park Service Areas

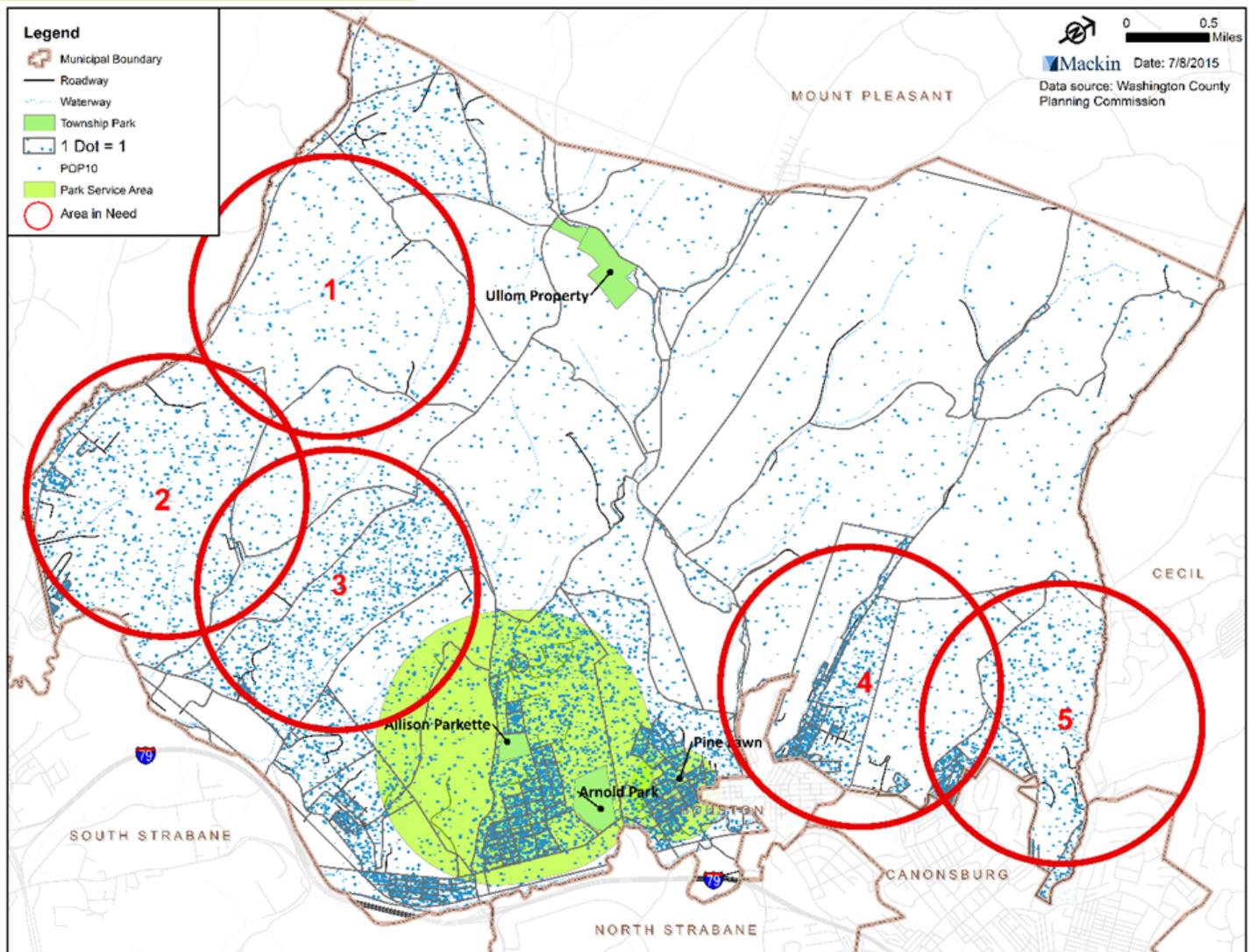


park. Compared to Park Score, it ranks in the lower quartile. The median score is 71%.

There are five high population areas within the Township that are outside of a ten-minute walk to a park. These five areas account for 40% of the Township's population (3,105 residents).

The Parks Board analyzed these areas and determined that the area near the Washington County Fairgrounds (Areas 2/3) is seeing new housing developments and the largest population growths, making it the highest priority for a new park. Areas 4/5 are served by Canonsburg Town Park, even though the majority of it lies in Canonsburg Borough.

Map 3.2: Park Service Areas by Population



2. While the funding of parks and recreation in the Township has increased significantly over the years, more annual funding should be dedicated.

Chartiers Township’s expenditures per acre on parks and recreation in 2015 was \$1,698. The NRPA median score is \$3,546; lower quartile is \$1,339.

In looking at parks and recreation spending per resident:

- ◆ 2009: \$19,500 / 7,154 = \$2.72/resident
- ◆ 2013: \$44,500 / 7,856 = \$5.66 / resident
- ◆ 2014: \$107,500 / 7,856 = \$13.68 / resident (reflects the construction of the community center)

In comparison, the Park Score ranged between \$19 and \$343 per resident, with a median of \$83. The NRPA median expenditure is \$33.98 and the lower quartile is \$13.54. Without the inclusion of the construction of the community center, Chartiers Township spends much less on parks and recreation than most other communities.

3. Comparisons show that more variety in terms of recreation facilities offered is needed.

Table 3.1 provides comparisons are with Park Score and PRORAGIS for recreation facilities. As shown, the Township is deficient in providing rectangular fields (i.e. soccer fields), tennis courts, tot lots, dog parks, ice skating rinks (outdoor) and community gardens (although it should be noted that the

Facility	Facility per Capita	Township Existing	Rating	Surplus (Deficiency) Rating
Diamond Fields	1 per 1,916	4	4.1	.1
Rectangular Fields	1 per 2,205	2	3.6	(1.6)
Basketball Courts	1 per 4,583	2	1.7	.3
Tennis Courts	1 per 2,725,	0	1.7	(1.7)
Playgrounds	1 per 2,211	3	2.9	.1
Tot Lots	1 per 6,116	0	1.3	(1.3)
Dog Parks	Range 0 to 5.4	0	Medium 0.7	(0.7)
Community Center	Range .1 to 2.5	1	Medium .7	.3
Ice Skating Rink	1 per 6,831	0	1.2	(1.2)
Community Garden	1 per 7,024	0	1.1	(1.1)

Washington County Children’s Garden is located within the Township).

However, the NRPA National Standards are based on the “average” community’s needs. The comparisons above should only be used as rough guidelines and not as absolutes to determine how Chartiers Township compares to the “average” community.

According to the 2009 Comprehensive Plan survey, the 2013 Parks survey, and the key person interviews, the facilities located in the Township parks are utilized regularly by some of the residents. When comparing the 2009 survey to the 2013 survey there has been a substantial increase in the frequency of visits to the parks. There may be several reasons for the significant increase: (1) a greater emphasis is placed on getting outdoors now; (2) people are more health conscious; and (3) those responding to the 2013 survey may be more recreation oriented residents. However, there is a significant number of residents that indicated they only occasionally or never use the parks. Improving or replacing existing facilities and constructing some new facilities will draw additional visits to the parks. Also, since the 2013 survey, a variety of programs are now being that offered should increase the number of park visits. Other facility similarities in the two surveys and the key person interviews include: the need for trails, i.e. hiking, biking, nature, and ATV; and the provision of tennis courts.

4. The Township needs to address overall maintenance issues and safety concerns within its parks and recreation facilities.

Maintenance of the parks is essential to providing safe, usable, and aesthetically pleasing areas and facilities for the residents of the Township and for visitors from other communities. Providing an efficient and effective recreation and parks maintenance program, can enable the Township to enhance recreation amenities, save money, reduce liability, improve life expectancy of facilities, create an attractive park atmosphere and foster environmental stewardship.

As in all communities, there are a lot of maintenance projects that need to be addressed in the parks. Many of these are noted in the park matrix inventories provided in Part 2: Inventory. Some of the issues may have already been addressed, and others may have come about since the inventories were completed. It is imperative to

maintain a watchful eye on the all facilities in order to recognize maintenance problems and address them in a timely manner, especially those that could develop into a hazardous condition.

Based on various forms of input from the residents, it is apparent that maintenance of the Township's parks isn't meeting the residents' standards. Therefore, it is imperative for the Township to strive to improve the overall park maintenance to achieve the high quality standards that the residents desire.

Compliance with the American Disabilities Act (ADA) is another issue that needs attention. As Chartiers Township develops new facilities or improves existing facilities in the parks, they will be required to meet applicable ADA specifications. Existing structures or facilities should be adapted to meet these standards allowing those with disabilities to easily be included in meetings, events and other programs in the community. New standards for recreation became mandatory in 2012, so the Township must follow the most recent standards when planning all recreational facilities and in providing amenities at existing facilities.

Chartiers Township is only partially ADA compliant in some areas of their parks. However, many of the facilities are not ADA compliant due to poor accessibility. The standards apply not only to playgrounds, pavilions, trails or other similar facilities, but existing amenities like individual picnic tables, port-a-johns and trash receptacles. The addition of future amenities including water, fountains, grills, benches, etc. must also meet ADA specifications.

In order to be ADA-compliant, all public entities must operate each service, program and activity in a manner that is accessible to persons with disabilities. If a program or an activity is in a building that is not accessible to a person with disabilities, the Township must (Mertes and Hall, 1996):

- ◆ Remove the barrier to access into the facility
- ◆ Shift the location to an accessible site
- ◆ Provide the service in some alternative method in an accessible facility
- ◆ Construct a new facility for park programs

Chartiers Township should plan and develop programs that are inclusive based on the facilities to be used and the programs offered. Printed literature advertising the programs should indicate that reasonable accommodations will be provided for facilities and programs. It is understood that certain facilities and programs may not be fully compliant, but efforts should be made to meet these needs whenever and wherever possible.

5. There is a lack of connectivity within the Township.

One of the main priorities identified by the Township Parks Board early on in the process was the need to provide trails and pedestrian/bicycle connections not only within the parks, but between the parks and the surrounding neighborhoods. The 2013 resident survey as well as the 2015 public meeting indicated the residents' desire for more trails and connections. Providing trails will tend to draw the neighborhoods closer together, especially since most residents have to currently drive to the existing

parks.

Chartiers Township is fortunate to have Chartiers Creek flowing through it. It presents an opportunity to provide a land trail along the Chartiers Creek corridor. Site visits indicated that some sections are already being used informally as a trail. Consideration should also be given to potentially utilizing this section of Chartiers Creek as a water trail for paddlers (canoeing/kayaking). This section of Chartiers Creek is located beyond what is considered the most navigable portion of the upper runs which start in Canonsburg and go to Bridgeville. In spring or early summer, or any time after a rain, a trip from Canonsburg to the Heron Rookery, Valley Brook Golf Course to Mayview Wetlands, or from Mayview to Bridgeville can provide an enjoyable experience. The complete trip from Canonsburg to Bridgeville covers a twelve mile section of the creek. The lower part of Chartiers Creek starts at the division near Heidelberg and ends at McKees Rocks, providing an additional twelve-mile paddling adventure.

Starting the trail behind the Trolley Museum would add several more miles to the overall distance of the trail. At this point, the creek is definitely wide enough and appears to have a good water flow with a depth that should accommodate paddlers. However, shallow areas in the creek may require users to get out of their water craft in order to traverse the area. An agreement would need to be established with the property owners of the pull off area located behind AccuTrex to allow parking in this area and to cut a trail to the potential launch at the creek. It appears that someone is already accessing the creek in this area, possibly for fishing. The best location to terminate the float would be at Houston Park. This would provide a float that is several miles long with the majority of the trip going through natural areas where users could enjoy viewing the fauna and flora while only hearing the noises of everyday life.



Key Findings— Programs



1. Prior to 2015, there was a lack of recreational programming offered by the Township.

According to the 2013 Chartiers Township Parks Board parks and recreation survey, 71.9% of the respondents feel that the recreation programs in Chartiers Township are good to excellent. Additionally, 26.6% feel that the recreation programs are fair, and 1.6% feel that they are poor. This is an indication that the residents of Chartiers Township want recreational opportunities for themselves and their families. However, 57.5% of those responding have not participated in the programs and are not using the parks.

In today's society with its pressures, fast pace, crime rates, economic conditions, and health concerns, especially obesity, quality park facilities and recreation programming is one way to subdue these issues. The survey further indicates that 56.2% are of the opinion that the parks in the Chartiers Township are adequate to excellent in meeting their needs. 12.4% of those responding indicated that the parks are poor and 31.4% are unaware or don't use the parks.

Although the information gathered from the survey provides a positive outlook on parks and recreation in Chartiers Township, it also indicates a need for improvement and better marketing of the parks and programs.

As the survey was completed in 2013, the Township has since made great strides to address these issues. The completion of the Community Center and the hiring of the Community Center Manager has expanded the programming offered quite a bit.

Many of the recommendations for park improvements will allow the continued expansion of programming, particularly outside of the Community Center and special events. The Recreation Board felt that park improvements and new facilities, such as a gymnasium, an amphitheater, a gazebo, more pavilions, tennis courts, bike trails, and improved connectivity would allow them to expand their programming.

The seniors in Chartiers Township exhibit an active life style. They would like to have the senior room open more often, have monthly dance sessions with Hors d'Oeuvres, and have regular walking groups. They feel that the Township should partner with the school district to provide computer classes for the seniors.

The seniors believe that there has been a lack of programming for the youth in the community, including youth activities at Chartiers Community Day. Besides programming, the seniors would like to see walking paths, outdoor tables with chairs rather than benches, a grill at the community center, better signage for the parks, and better communication and advertising.

2. The Township should expand its programming beyond special events and within the Community Center.

Currently, the Chartiers Township Recreation Board hosts mostly special events and the Community Center offers programs. There is an opportunity for the Community Center Manager and the Recreation Board to partner to expand the recreation programs offered by the Township.

As the Township begins to expand its programming, it will discover that some programs are successful while others are not. This is not uncommon, as it does take time to develop a successful program schedule. It is important to offer a variety of programs building on those that are successful and continually offer new programs. There are many reasons why some programs are not successful, while others are successful.

Timing. Timing is perhaps the most important aspect in making programs successful. A program that is not successful in one season may be very successful in another season or even at another time of the day or week.

Instructors. The instructor's enthusiasm, attitude and style can make or break a program. Seek out quality instructors for your programs and promote them and their qualifications.

Publicity and promotion. Many excellent programs have poor attendance because no one knew about them. Use every method available to get the word out.

Program fees. Know the community and what residents can afford to pay for the programs.

Determine if the fees need to cover just the direct costs, both the direct and the indirect costs, or make a profit. Charging too much can deter people, while not charging enough can make them feel that it isn't a quality program.

Location. Is there easy access to the program site? Is the facility or area well maintained? Is it a safe location? Is it well lighted if the program is an evening program? Transportation to a program may be another issue as to why people don't participate more in the use of facilities and programs in the area.

Weather. Outdoor programs are always affected by weather conditions which determine if the program can be conducted. These are generally affected the day of the program. However, indoor programs can be affected also with people thinking it might be too hot or too cold or it may be snowing and they don't want to go out.

Trends vs. Fads. Trends are things that are popular, but may not have caught on in the community yet. It may be popular in the community in the near future. Fads are things that may have already passed by or may not have reached the community yet. Current trends/fads that should be watched to potentially include as part of future programming and facility development include:

- ◆ Progressive Pump Tracks
- ◆ Soccer Golf
- ◆ Sand Soccer
- ◆ Bubble Soccer
- ◆ Gaga Ball
- ◆ Triangle Ball
- ◆ Mob Races
- ◆ Technical Programs
- ◆ Spike Ball

Other programs growing in popularity include:

- ◆ Kickball
- ◆ Dodgeball
- ◆ Ultimate Frisbee
- ◆ Pickleball
- ◆ Wallyball
- ◆ Geocaching
- ◆ Disc Golf
- ◆ POP Tennis (Formally known as Paddle Tennis)

2. There is an opportunity to partner with other municipalities and organizations to provide successful recreational programs.

In order to improve recreation programming it is imperative to develop strong partnerships and establish a cooperative and collaborated effort between recreation providers in the Township and surrounding communities. 100% of the key persons interviewed stated that the development of these partnerships is important to the success of recreation.

Developing cooperative partnerships is one of the most beneficial ways to provide a variety of programs and facilities for the community. Everyone benefits through these partnerships; the municipalities involved, the residents of the communities and the organizations/businesses that join together to form the partnership to provide a wider range of program opportunities. As the Township continues to improve and further develop their park system, they should seek out interested parties that are willing to cooperate/coordinate to improve the quality of life for the residents of the region and to help bolster the economy. Cooperative efforts should be discussed with recreation providers in the area, businesses and the school district. Most organizations are willing to partner in some way, possibly through advertising, financial help, use of facilities or expansion of programs. These are all very important to the successful development of a quality park system and exceptional programs.

In today's economy it is imperative to develop partnerships with other government agencies, for-profit enterprises and non-profit associations. Partnerships have always been a part of the park and recreation field; however, it is only recently that these collaborative efforts are becoming vital in the provision and management of recreation. Individuals, communities and businesses are beginning to realize the valuable benefits of recreation and active living and the value of partnerships in providing them.

The development of partnerships in the Township should include the following elements:

- ◆ They are voluntary.
- ◆ The parties involved contribute a wide variety of resources.

- ◆ The partnership is based on common goals.
- ◆ There should be an ongoing and close relationship between the partners.
- ◆ There remains openness for working together.

Scouting groups have been in existence for over one hundred years and are very open to working with communities. Many scouts grow up to be community leaders through their volunteer efforts and early leadership opportunities. Partnering with these organizations provides the area with benefits now and into the future. Working with both the Boy Scouts and the Girls Scouts can provide volunteer resources for park projects and programs. This relationship can help build quality individuals while enhancing recreational facilities and activities in the community.

Although the parks do not currently provide sport fields other than some practice areas, a working relationship with the sports associations needs to be maintained between the Township and these organizations. They provide a valuable service to the community through the programs they offer for both the youth and adults of the area. Partnering with these associations ensures continued sports programming. Future development in the parks will require an enhanced relationship with these organizations as new facilities and amenities at existing facilities become available for their use.



Our Vision

Parks, recreation and open space are essential to the health, general well-being and quality of life of Chartiers Township. The Township must provide the leadership necessary to take an active role in recreational planning to ensure that these lands are preserved for current and future generations and to enhance the leisure activities within its borders.

Our Mission

This mission of the Chartiers Township Parks Board is to “enhance and develop the parks in Chartiers Township to meet the needs of current and future residents.”

Our Goals

-  Improve the overall **administration** of parks recreation.
-  Provide parks and recreation **facilities** that meet the needs of a growing community.
-  Provide high quality **programs** for all ages.

Improve the overall Administration of parks recreation

Guiding Principle #1:

Ensure that the Township staff for parks and recreation can perform their jobs at the highest level.

What we will do:

Create a “Parks and Recreation Director” staff position.

One of the biggest administrative issues in Chartiers Township for recreation is the lack of a central department or staff person to oversee all activities related to parks and recreation. In reviewing the responsibilities of the various departments and staff, the most sensible option would be to promote the Community Center Manager to Director. *Note: As of January 2016, the community Center Manager was promoted to Parks and Recreation Director.*

The Director should be assigned the following responsibilities:

- ⇒ Administer programs and processes and makes decisions in accordance with established rules and regulations, policies and procedures and guidelines; implement parks and recreation improvements that align with the established goals, objectives and priorities contained in this Parks and Recreation Plan.
- ⇒ Maintain records and prepares reports of work activities; collect data to coordinate program activities; oversee and inspect work of private contractors.
- ⇒ Investigate complaints and recommends corrective actions; serve as liaison to user groups, clubs and other departments.
- ⇒ Assist in the preparation of the recreation budget; prepare and submit budget for recommended park and facility improvements; monitor budget expenditures.



- ⇒ Work with the Public Works Department to prepare cost estimates for maintenance, repair and program activities; order materials and supplies; approve orders of materials.
- ⇒ Coordinate with the Public Works Department to inspect work of assigned staff; conduct employee performance evaluations as required.
- ⇒ Perform the more complex or technical duties associated with program activities; operate all equipment associated with duties; keep abreast of and maintain knowledge of latest technology and applications to the work.

Adopt an administrative manual for parks and recreation.

A park administrative manual will provide staff with the Township’s parks and recreation policies and procedures in one location and will allow the staff to function in an organized and effective manner. The following should be included in the manual:

- ⇒ Park and Recreation Mission Statement/Goals/Objectives.
- ⇒ Facility use/rental policy. This should be provided to those renting park facilities.
- ⇒ Programming policy to include non-discrimination policy, fees and charges policy and non-resident use policy.
- ⇒ Organizational chart, job descriptions (full and part-time personnel), personnel benefit description, job evaluation instrument, hiring procedure, disciplinary procedures and in-service training staff procedures.
- ⇒ Procedures for financial expenditures and collection of fees.
- ⇒ Public relations/marketing procedures.
- ⇒ Copy of municipal liability insurance policies for facilities and programs.
- ⇒ Risk management plans.
- ⇒ Intergovernmental cooperative agreements.
- ⇒ Utilization of volunteers/organizations.
- ⇒ Policies for fund raising.

Designate a staff person(s) for parks and recreation maintenance.

It is recommended that at least one public works employee be designated to do the work associated with maintaining the parks and facilities. Depending on the type of work that is being completed, two or more employees may be required to complete some of the tasks to prevent potential safety issues. The staffing level for public works should be periodically reviewed to determine if there is sufficient staff to meet existing demands by the general public as new facilities are developed.

 **Establish clear job descriptions and roles for staff.**

Job descriptions should be developed that detail what each position entails. The descriptions should be provided to all current and new employees, including part-time and seasonal employees, and reviewed regularly. As things change within the parks, items may need to be added or deleted from the job descriptions to keep them up to date. Seasonal/summer employees should be given the descriptions before they start, not only to give them an understanding of their responsibilities, but also as a form of education concerning the job and what is expected of them.

 **Update personnel policies and develop a performance evaluation system.**

Develop a performance evaluation system that complements and enhances the existing appraisal evaluation system that incorporates departmental vision and performance measures.

 **Provide staff with the opportunity to maintain proper training and clearances.**

Full-time recreation staff should be encouraged to attend trainings and conferences and maintain their CPR / AED training and first aid training. The Township will need to ensure that all staff and volunteers have valid background checks and clearances, especially in relation to Act 153 of 2014 related to child abuse.

 **Establish bylaws and a code of ethics for the recreation board and the parks board.**

Adopting formal bylaws would clearly define the boards' roles regarding implementation of this plan and their interaction with the elected officials and Township staff.

Guiding Principle #2:

Build and maintain partnerships to enhance parks and recreation.

What we will do:

Improve the Township's relationship with Charters Houston School District.

Parks and recreation in Charters Township is inextricably linked to Charters Houston School District for many reasons, not the least of which is park location. An expanded Township School District relationship could achieve the following:

- ⇒ Utilize the deck wetland overlook at Arnold Park and the Ullom Site for environmental education programs and outdoor classrooms
- ⇒ Expanded recreation programs using the School District's facilities
- ⇒ Trail connections between the parks, schools and adjacent neighborhoods
- ⇒ Cross-marketing efforts regarding school and community programs and events

Develop partnerships to advance shared interests.

It is imperative to develop partnerships with other government agencies, for-profit enterprises and non-profit associations to enhance opportunities through coordinated and collaborative initiatives. Partnerships have always been a part of the park and recreation field; however, it is only recently that these collaborative efforts are becoming vital in the provision and management of recreation. The following examples should be explored:

- ⇒ Boy Scouts and Girl Scouts can provide volunteer resources for a variety of park projects and programs.
- ⇒ Develop written agreements with local sports organizations for use of facilities, maintenance, etc.
- ⇒ Local businesses can provide donations to help fund recreation projects or programs, equipment to develop new facilities, sponsorship of events, etc.

Guiding Principle #3:

Increase communication and public awareness of Township parks and recreation facilities.

What we will do:

- ✓ Update the Township's website to offer additional recreation information.

The Township maintains an informative and thorough website but additional information on parks and recreation would be beneficial to residents and visitors. Potential information could include:

- ⇒ Maps and locations of each park, with photos and a list of the facilities available. Update periodically to highlight recent improvements or programs/events.
- ⇒ Program and event flyers with registration forms, if required.
- ⇒ Links to other local/regional parks and facilities, such as the Chartiers Houston Community Library, Washington County Fairgrounds, Trolley Museum, Children's Garden and the Montour Trail.
- ⇒ Links to local sports organizations and other recreation program providers.

- ✓ Expand the use of social media to promote the Township's parks, recreation facilities and programs.

The use of social media to disperse information to the residents is becoming a very effective way for residents to obtain information, especially for the younger generation. In addition to maintaining the Township's Facebook page, other efforts could include:

- ⇒ Include links to the Facebook page in all parks and recreation information (online, printed materials, etc.)
- ⇒ Developing and publicizing a "hashtag" for Township parks and



recreation (such as #ChartiersTwpParks), whereby social media users (Facebook, Twitter, Instagram) would tag photos or posts related to Township parks and recreation facilities and programs.

- ⇒ Create locations to allow users to “check in,” which would provide some information related to the use of the parks and facilities.
- ⇒ Groupon could be used to offer discounts on events or programs and to encourage new participants.

Create and maintain a database of contact information.

As the Township develops new facilities and programming, it is important to remember that two of the most effective methods for promoting the facilities and programs are by word-of-mouth and positive-participation-results in past events. Creating and maintaining a database of past participants, volunteers and other interested residents / businesses will allow the Township to easily communicate with them to promote new events/programs, organize volunteers and gather input related to new initiatives.

Partner with other organizations to promote programs and facilities.

Cross-marketing and promotions is an important part of any marketing campaign. The Township should ensure that area organizations, businesses and other organizations have promotional materials related to upcoming events, programs or other parks and recreation news. Working with these organizations to ensure that their websites include links to the Township’s website can assist in these efforts.

Increase the use of community signs to publicize upcoming events and programs.

The use of community signs in advertising programs can serve as a reminder to residents of any upcoming programs when placed at strategic locations throughout the area. The Township uses their digital sign at the municipal building now, but additional banners, kiosks, bulletin boards, etc. can provide other viable opportunities for marketing. The Township should explore the feasibility of installing a similar digital sign at Arnold Park. Kiosks next to playgrounds is another good method to publicize events and programs.

Provide parks and recreation Facilities that meet the needs of a growing community

Guiding Principle #1:

Enhance existing parks and recreation sites.

What we will do:

Improve the overall safety and usability of community parks and recreation facilities.

- ⇒ Address the identified deficiencies in the park matrices (see tables provided in Chapter 2).
- ⇒ Post park rules and regulations in visible locations (entrances) in each of the parks.
- ⇒ Provide contact information on signs for users to report problems and safety issues.
- ⇒ Provide adequate lighting throughout the parks to improve safety, security, and visibility.
- ⇒ Repair or restrict usage of hazardous areas and/or facilities immediately.
- ⇒ Install dog waste stations in parks where dogs are permitted.

Develop a formal maintenance and risk management plan that includes the following:

- ⇒ Park maintenance manual, including a preventative and responsive maintenance plan



- ⇒ Risk management manual
- ⇒ Replacement schedule for maintenance equipment and park facilities
- ⇒ Turf management plan
- ⇒ Regular visual risk assessment and park facilities inspections
- ⇒ Accurate records of all maintenance work and inspections, especially playground inspections, properly recording inspection results noting any issues discovered and date work is completed
- ⇒ Playground surfacing meets the newest criteria

 **Ensure that park and recreation facilities are compliant with the most recent ADA requirements.**

- ⇒ Connections to facilities from parking areas (i.e. width, surface and grade)
- ⇒ Required number of designated handicap parking spaces with proper signing and surface markings
- ⇒ Playground surfacing
- ⇒ Accessible playground facilities and picnic tables

 **Utilize green sustainable design in parks and recreation areas.**

- ⇒ Utilize permeable surfaces for parking areas and play courts, where feasible
- ⇒ Install native plants and vegetation
- ⇒ Provide coordinated trash receptacles with domes and recycling bins (near pavilions)
- ⇒ Rain gardens, bio-swales and other natural methods for stormwater management
- ⇒ Maintain vegetated streambanks in all parks and public spaces
- ⇒ Remove invasive plant species

 **Install directional signing to the parks throughout the Township.**

Providing directional signs throughout the Township to direct motorists to the Township parks and recreation facilities would improve community awareness. The Township should coordinate with PennDOT to install wayfinding signs along major thoroughfares and at major intersections.

 **Prepare a master site plan for Ullom Park.**

The Ullom site provides a unique opportunity to the Township to provide alternative recreation facilities that would not be traditionally offered in a community park. Its remote location and natural landscape make it an ideal site for special use facilities. Some of the ideas discussed that could be offered there include a shooting range, an ATV and motorized off-road vehicle park, or as a natural park with trails for hiking, mountain biking and interpretive areas.

However, before any activity is developed or planned, a master site plan should be developed.

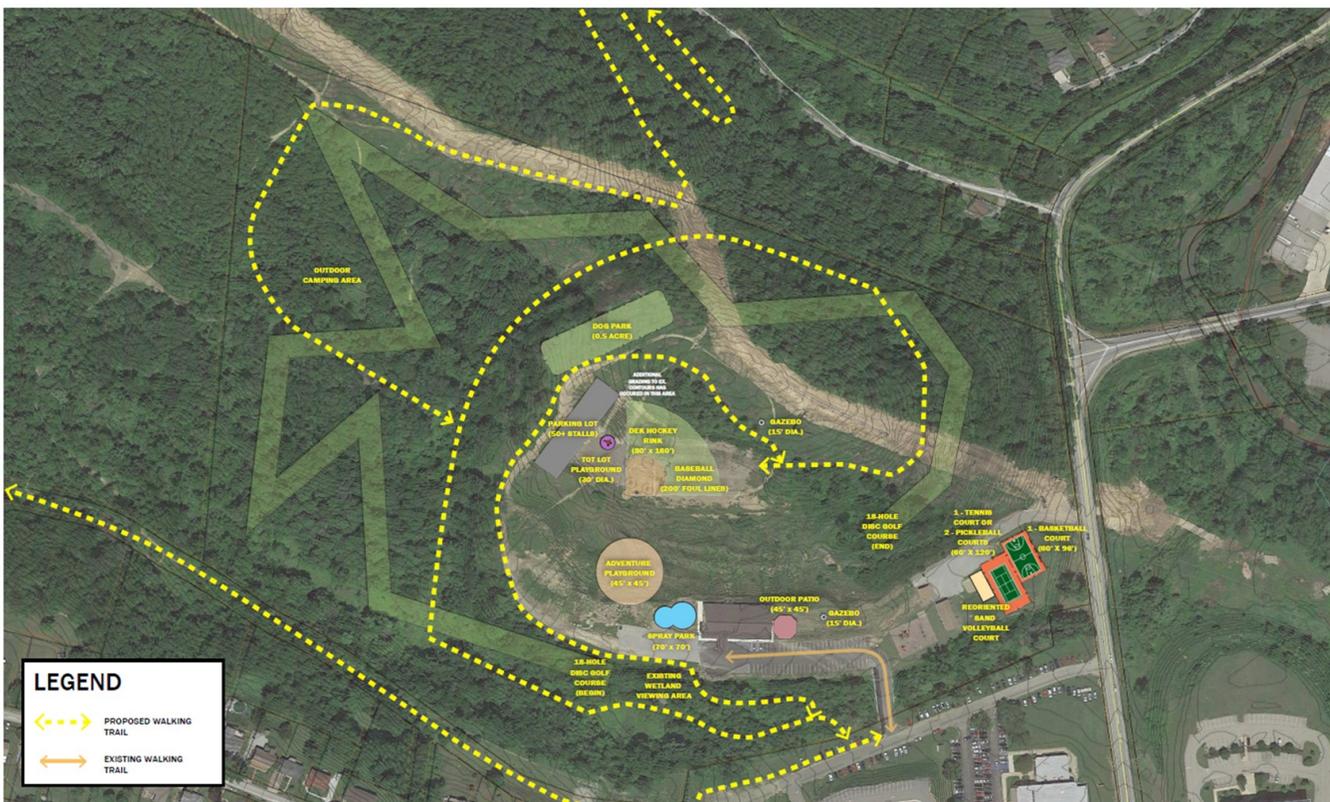
Ullom Site



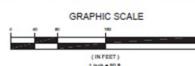
✓ Prepare a master site plan for Arnold Park.

A conceptual plan was prepared to use as a guide, with the following facilities recommended:

- ⇒ Improve the sand volleyball court
- ⇒ Improve the wetland overlook area:
 - Remove invasive species and overgrown weeds
 - Install interpretive signing
 - Connect to the parking area via ADA-accessible trail
 - Add a directional sign at the parking area to direct users to site
- ⇒ New facilities:
 - Splash park
 - Multi-purpose field
 - Dek hockey rink
 - Multi-sport court (basketball, tennis, pickleball)
 - Gazebo
 - Disc golf course
 - Day use and primitive camp site for the scouts



CHARTIERS TOWNSHIP PARK AND RECREATION PLAN ARNOLD PARK



4. RECOMMENDATIONS

⇒ Develop a trail system throughout the park with appropriate signage (see map)

- Walking loop trail
- Connect to nearby neighborhoods
- Interpretive trails (plants, wildflowers, history, etc.)

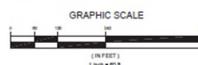
 **Improve Allison Parkette in accordance with the site drawing.**

⇒ Install park signage:

- Entrance sign at parking area with park name, rules and regulations
- Park name along Allison Road (similar in materials/colors to Arnold Park sign)
- Directional signs to additional parking areas for overflow parking for events (baseball/softball games)
- Trail sign with map



**CHARTIERS TOWNSHIP PARK AND RECREATION PLAN
ALLISON PARK**



OCTOBER 2015



- ⇒ Construct an approximate one-mile walking loop around the park to connect internal walking paths and to the school playground.
- ⇒ Improve existing facilities:
 - Expand the current playground.
 - Expand the existing multi-use field and install a fence around the perimeter.
 - Renovate the existing basketball court to accommodate a pickleball court and install fencing along the perimeter.
 - Install additional shade trees and landscaping near the pavilion and playground.
 - Improve the existing parking area.
- ⇒ New facilities:
 - Construct a restroom that is central to the ball fields and pavilion.
 - Install a water fountain near pavilion and playgrounds.
 - Extend the public water line to provide service to the existing concession stand.
 - Consider installing lights on the ball fields to extend playing time and eliminate the need for an additional softball field. Limit height of light poles and require full cut-off light shields to reduce glare and impact on neighbors.



Improve Pine Lawn Park in accordance with the site drawing.

- ⇒ Install park signage:
 - Entrance sign at parking area with park name, rules and regulations
 - Park name near Grant/Moninger (similar in materials/colors to Arnold Park sign)
- ⇒ Improve existing facilities:
 - Relocate the recycling bins to the perimeter of the parking lot to accommodate additional parking.
 - Make the alley next to the Library one-way to avoid traffic conflicts.
 - Consider adding parallel parking along the perimeter of the park.
- ⇒ Address the safety issues.
 - Water well & fireplace: either renovate and develop as interpretive site or demolish and fill in.
 - Remove dead trees.

- Remove all stumps, exposed concrete/asphalt and other debris.

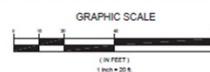
⇒ Add new facilities:

- Construct a basketball court.
- Construct a pickleball court.
- Install a playground with tot lot.
- Construct a pavilion near the parking lot that can be used for outdoor classrooms with the Library and possibly a Farmers Market.
- Install educational gardens with interpretive signs. Options include native plants, rain gardens, memorial garden, etc.
- Provide a level open area for a multipurpose field.
- Provide passive open space that can include an outdoor reading area, chessboard, picnic area, etc.



LEGEND
 <---> PROPOSED WALKING TRAIL

**CHARTIERS TOWNSHIP PARK AND RECREATION PLAN
 PINE LAWN PARK**



Guiding Principle #2:

Effectively plan for the future needs of Chartiers Township residents.

What we will do:

-  **Update Subdivision and Land Development Ordinance to include a mandatory dedication / fee-in-lieu of provision to provide either new parks / recreation open space or fees to support park improvements.**

Mandatory dedication of land is a way that municipalities can obtain open space or fees for park projects. Chartiers Township should adopt a mandatory dedication/fee-in-lieu of ordinance which could generate significant revenues to enhance recreation facilities in the Township. As the Township continues to develop, it will need additional open space, or the continued development of existing park areas in order to meet the expanding needs of the community. The use of these fees and/or the acceptance of land will help in meeting the needs. It is important to know the requirements for administering a mandatory dedication/fee-in-lieu of ordinance. The Pennsylvania Municipalities Planning Code (MPC) Act 170 Section 503 (11) provides special direct authority for a municipality to require a developer to dedicate land to the public that is suitable for intended park and recreation purposes. This has become a viable source of income for municipalities to acquire land or obtain additional revenues to further the provision of recreation in their communities. Under the current statute for park or recreation purposes, if the applicant and municipality agree, a municipality may accept from the developer:

1. Payment of fees in lieu of dedication of land;
2. The construction of recreational facilities;
3. Private reservation of land; or
4. A combination of the above.

Along with the ordinance, certain legal obligations are imposed on the municipality in order to use these provisions. To successfully implement a mandatory dedication ordinance the following components are needed based on section 503 of the Municipal Planning Code.

The Township Supervisors and Planning Commissions should periodically hold a joint meeting to assure that the coordination of the recreation plan components are in line with the community recreation needs and the implementation of the provisions calling for park and recreation facilities through the subdivision and land development administrative process. The fee-in lieu of should be visited regularly to determine if it should be increased. As the Township grows, the park and recreation staff should be

involved with the development of new subdivisions. This will ensure that dedicated land meets the ordinance requirements or that the fees collected can properly be designated.

Fees should be used to either support improvement of Arnold Park (as a community park, it serves the entire Township) or provide improvements to a park within ½ mile of the planned development.

More information on the dedication and fee in lieu of provision for a subdivision and land development ordinance is included in Appendix A.



Seek to acquire land along Chartiers Creek to develop as a passive recreation area to provide access for anglers, paddlers and (potential) trail users.

A goal of the Township is to capitalize on Chartiers Creek as a recreational resource. Currently, the Township does not own any land along the creek nor is there any public access along its banks. The Township should look to acquire land or an easement along the creek in order to provide an area for the public to access it for fishing, paddling or passive recreation opportunities.

Before this section of Chartiers Creek is marketed as a water trail, it must be determined if the water level is high enough at least part of the year to accommodate users. Following is a guidance list from the PA Water Trails Partnership about things to consider when developing a water trail. Every water trail must have:

- ⇒ A local managing organization that will maintain the trail.
- ⇒ A part in the statewide water trail system with state designation from the Pennsylvania Fish and Boat Commission (PFBC).
- ⇒ Public involvement by the local community.
- ⇒ A map providing information for using the trail.
- ⇒ Free information provided to users on the internet and/or printed materials.
- ⇒ Water trail feasibility study to determine if your waterway can be a water trail.
- ⇒ Active volunteers who will participate in the management of the trail.

- ⇒ Signage that can direct users, interpret the resource, provide safety and orientation information.
- ⇒ Maintenance of existing and new amenities (boat access points, signage, information provided, etc.)

It would also be imperative to coordinate with the Chartiers Creek Watershed Association, Houston and Canonsburg in order to provide connectivity to the existing starting point of the upper Chartiers Creek trail.



Conduct annual or semi-annual park user surveys to gauge residents' usage of existing parks and needs for new facilities.

Recreation desires and demands vary across the country; therefore, the only accurate method available to gauge whether or not the Township's park and recreation facilities are adequate is to ask the residents. Chartiers Township has been very proactive in obtaining residents' input as to parks and recreation needs. Prior to undertaking this plan, the Parks Board conducted a 2013 park user survey. It is recommended that similar surveys be conducted annually to maintain the lines of communication between the Township and its residents.

Kevin Ashner, a planner from the greater Miami park system, argues that the true measure of a good standard is "the level of customer satisfaction." Recognized for his contribution to parks research, he suggests the following criteria for good standards:

- ⇒ Relevance – They should reflect the needs and lifestyles of today's residents.
- ⇒ People Orientation – They should reflect the unique needs and preferences of the people in the area being served.
- ⇒ Performance Standards –They should provide a basis for measuring achievement of the community objectives. They should measure the quality of recreation service rather than the simply the quantity.
- ⇒ Feasibility –They should be attainable within a reasonable time frame and with available funding sources.
- ⇒ Practicality –They should be simple to understand and apply. They should be based on sound planning principles, information, and a credible development process. They should also be flexible enough to handle unanticipated situations and rapidly changing needs.



Provide annual funding for parks within the Township budget. Leverage these dollars with grants and other funding sources.

The average expenditure for recreation over the past five years is 1.08% of the budget. With the operation of the community center, expansion of programs, inclusion of public works labor time in the parks budget, improved park maintenance and potential development of facilities in the parks, there should be a substantially larger percentage of the budget designated to parks and recreation. It is recommended that the Township continue to provide tax dollars to enhance recreation facilities and programs through continued development, adequate maintenance, and increased financial aid for programming. Many studies have proven that providing resources for recreation improves the quality of life for the residents, decreases crime, improves health and wellness, increases property values, and attracts new businesses and residents into the community.

Grants are perhaps one of the best sources of obtaining alternative funding for parks and recreation to supplement the monies needed to improve park and recreation opportunities in the community. There are many grants available from various government agencies and from numerous foundations. It does take time to research the various grants and foundations to write a grant that will be funded and thorough knowledge of the project is necessary. It is recommended that the person responsible for writing grants attend grant seminars and workshops that are offered in western Pennsylvania to maintain awareness of changing opportunities and requirements.

Foundations are another source of funding for park facilities and programs. Many foundations establish specific requirements regarding the types and locations of eligible projects. There are generally four types of foundations: (1) private family foundations; (2) community foundations; (3) national foundations; and (4) operating foundations.

Sponsorships or naming rights are other excellent ways to obtain additional monetary funds to enhance parks. It does take some time and effort to develop a quality brochure that readily

explains the project funders will be sponsoring or receiving naming rights for. A strong explanation of the benefits to the sponsoring organization is very important, including increased visibility of their organization and how the publicity will improve their image. Many businesses look for an opportunity to get their business name in front of people, get involved in the community, and create a positive image. In order to obtain these sponsorships, a project or program must be professional presented in an enticing way. Some businesses will buy into this at a high level right away, while others will start at the lower levels and increase to higher levels as they see the benefits paying off.

Seeking **donations** is a part of many recreation endeavors. It can be time consuming, but it can also be rewarding. Monetary donations, materials, supplies, volunteer time or other type of donations provide additional value to the project. They also benefit businesses by providing a tax advantage and a positive public image. Seeking donations will always be a part of recreation management. By utilizing volunteers to help locate donations, staff can devote more time to other more productive areas.

School Specialty is an online resource (<https://store.schoolspecialty.com/>) for purchasing products that can be used for recreation, such as art and craft supplies, cleaning and facility supplies; early childhood and educational technology; furniture; instructional resources; outdoor playground equipment; paper; physical education and sport equipment; school and office supplies and special needs supplies. Users affiliated with schools or other tax exempt organizations are not charged tax; individual registrants are. School Specialty works with donors and Adopt-a-Classroom to collect donations on behalf of the organization and facilitates the process of getting materials.

Fundraising can generate additional funds for projects or programs. There are many different types of fundraisers to consider. So, it must first be determined what is to be accomplished and what will work in the Township. The fundraiser will take considerable time and planning to be successful, but it can be very rewarding by providing a community event while generating money for the recreation programs or facilities.

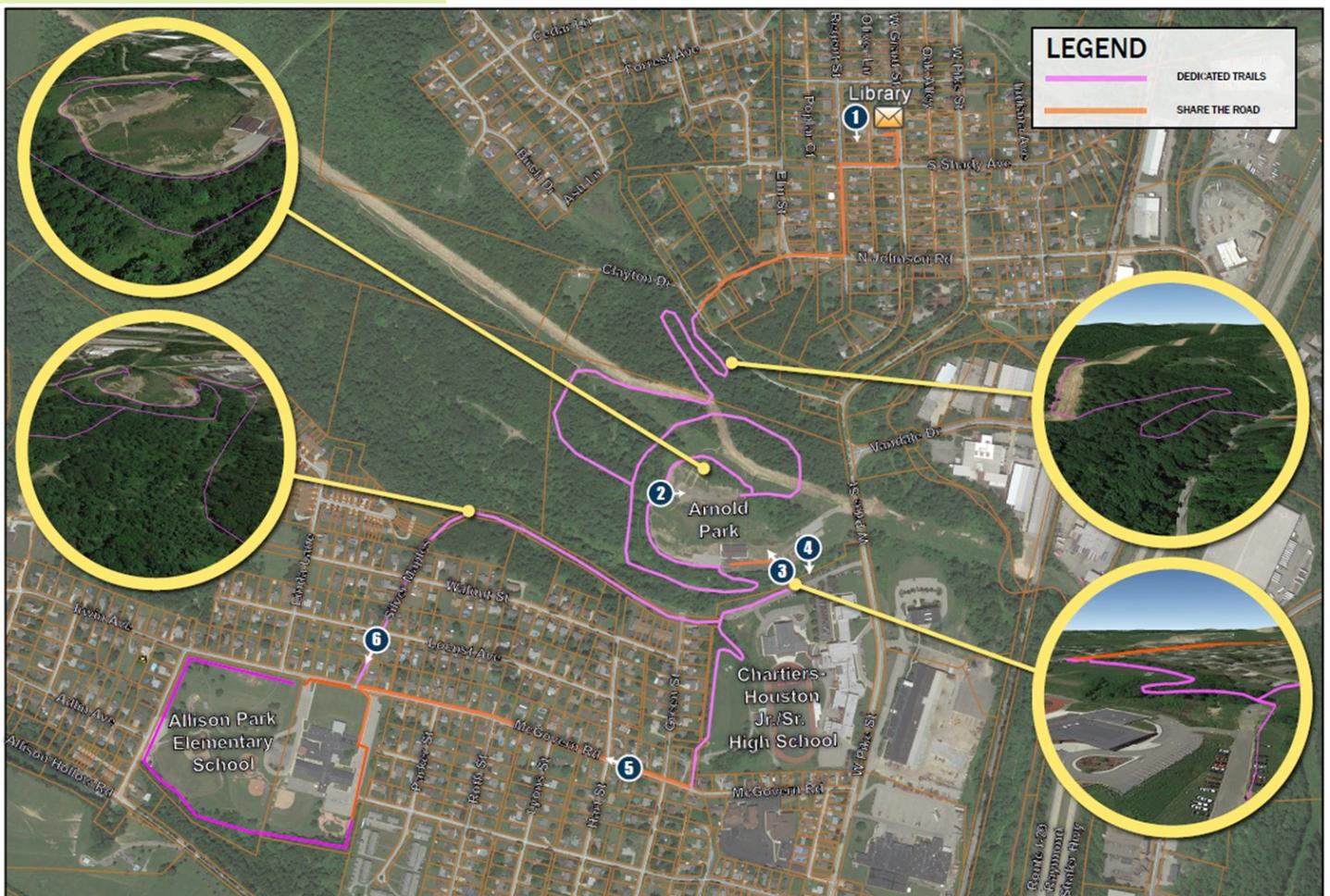
Many grants are available for planning and implementation, acquisition or development; however, it is just as important to run programs. Since the Township has recently begun offering recreation programming for residents, a list of funding sources is included that may be of some value for funding programs. It is often difficult to locate grants or other funding sources that will provide financial assistance for programs and equipment. Some funding sources will provide financial support, equipment, or other program resources to help start a specific program or supplement supplies needed for an existing program. It is important to thoroughly research the sources to determine their requirements for obtaining their funding. This is a good way to get new programs started without a lot of capital outlay for equipment or other information needed to offer a program.

A list of potential funding sources is included in Appendix B.



Utilize the “Friends of Chartiers Parks” organization to actively fundraise for park improvements.

Friends of Chartiers Township Community Parks is an organization that helps generate revenues and can provide additional volunteers. The group developed bylaws in 2014 and as a 501-C3 organization, they can seek tax deductible contributions. They can raise money for all aspects of recreation and deposit it into an individual bank account earmarked for specific expenses. Since they are not a government agency, they can avoid red tape and make things happen quickly. It is advantageous to have such an organization. Fortunately, Chartiers Township has this group that has received funding and directed it to Arnold Park. Continuing to work with the Friends of Chartiers Township Community Parks can be a great asset for maintaining and developing parks in the Township. A possible incentive for this group helping the park may be receiving a percentage off of the fee charged for programs they participate in throughout the year or for rental of the facilities in the park.



LEGEND	
	DEDICATED TRAILS
	SHARE THE ROAD

Guiding Principle #3:

Create an interconnected parks and recreation system.

What we will do:

Construct a trail loop around Allison Parkette.

Allison Parkette has internal pathways, but needs a perimeter walking trail. It would be approximately one-mile and would include a concrete sidewalk along McGovern Road and a crushed stone trail along rear of park. The internal existing asphalt pathways should also be rehabbed. See the site drawing for Allison Parkette on page 4-2.

Develop an off-road trail system that connects Arnold Park to surrounding neighborhoods.

A crushed stone trail should be developed as an internal trail network within Arnold Park along with connections to the surrounding neighborhood (see map on page 4-20). One spur would connect to Silver Maples Road, which would then connect to an on-road route to Allison Elementary and Allison Parkette. The second would connect to Arnold Hollow Road (note: requires easement on private property), which would then connect to an on-road route to Chartiers Houston Community Library and Pine Lawn Park. Another option would be a crushed stone trail connection through the High School property to McGovern Road.

Develop a share-the-road route to connect to the off-road trail system.

The above-reference on-road routes would require “Share the Road” signs and/or paint “Sharrows” (shared-lane markings for cycling). Identified roadways include Silver Maples Road (500’), McGovern Road (2,000’) and Arnold Hollow Road / N Johnson Road / W Grant Street (2,880’). The signs or sharrows should be installed every 20’ to 250’ and at all intersections.



Example of “sharrows” on a roadway.

 **Conduct a feasibility study to determine the potential for an off-road ADA-accessible trail along Chartiers Creek.**

A study is needed to determine the feasibility of constructing a trail along Chartiers Creek, starting roughly at the Washington County Industrial Park and ending at the Chartiers-Houston Soccer Fields or the Washington County Trolley Museum / Children’s Garden. The feasibility study would identify and contact property owners to determine their interest level of providing a right-of-way, identify potential alignments and any environmental issues or obstacles associated with each, establish cost estimates for trail construction (if it is found to be feasible) and prepare a phasing plan for implementation. The study should contact the Chartiers Houston Joint Sewage Authority and railroad to determine the feasibility of sharing their right-of-way.

 **Partner with Montour Trail Association to support future extensions of the trail system into Chartiers Township.**

The Montour Trail Westland Branch just touches the boundary of Chartiers Township. The Township should work with landowners and the Montour Trail Association to determine the feasibility of extending the trail into Chartiers Township.

Provide high quality Programs for all ages

Guiding Principle #1:

Expand the types of programs offered to best utilize existing and planned community facilities.

What we will do:



Develop new programs targeted for specific population groups.

- ⇒ Childcare services, such as having a certified childcare provider available at the Community Center during specific times (such as a weekday morning or afternoon, or an evening during the holiday season) whereby parents could drop off their children for a few hours.
- ⇒ Toddler programs (ages 3 and under), such as Mommy & Me play dates, music, crafts, tumbling, etc.
- ⇒ Preschool programs (ages 4-6), such as a summer playground program, arts and crafts, etc.
- ⇒ Teen programs, such as education, social activity, adventure programs, technology, sports and working with younger children.
- ⇒ Adults, such as sports (flag football, golf instruction), arts and crafts, cooking, outdoor landscaping / gardening, composting.
- ⇒ Seniors, such as organized outdoor walks / hikes, computer classes, senior fitness, pickleball.
- ⇒ Special needs, such as the P.A.L.S. program that is being planned.



Develop outdoor programs.

The Township Recreation Board has done a wonderful job of organizing and hosting community-wide events and the Community Center has allowed the Township to create and offer indoor recreation programs. There is an opportunity, especially as the Township expands and improves its park system, to develop outdoor recreation programs. Options could include:

- ⇒ Environmental and educational programs that make use of existing facilities such as the deck overlook at Arnold Park. Interpretive walking/hiking trails, as these trails are developed within the park system. Partnerships could be developed with the School District and the Scouts.
- ⇒ Summer programs, such as a playground program and sports programs (basketball, sand volleyball, pickleball).
- ⇒ Winter programs, such as trail hikes, snowshoeing, snow sculpting, sledding, cross country skiing.
- ⇒ Outdoor adventure programming, such as archery, orienteering, geocaching, letter boxing, shooting sports, and winter survival skills.
- ⇒ Water activities such as fishing, canoeing, kayaking along Chartiers Creek.



Conduct user surveys to assist in program evaluation.

Talking to program participants is one of the best ways to evaluate the effectiveness of a program and determine how to improve. At the end of each program, an evaluation survey should be conducted to identify if the program fulfilled expectations, reached its target audience and what can be done to make it better and attract more participants.



Guiding Principle #2:

Develop partnerships to expand recreation programs.

What we will do:

Partner with the Chartiers Houston Community Library.

One particular partnership that should be developed is with Chartiers Houston Community Library. As Pine Lawn Park is developed, the potential for partnering with the Library to develop programs is endless. Proposed facilities include a pavilion, gardens, outdoor reading area and multi-use field and court.



Develop multi-municipal partnerships.

Multi-municipal partnerships are becoming increasingly common as a method to expand recreational programs offered within a community. One of the biggest benefits can be the financial savings to establish a program. Examples of multi-municipal partnerships include:

- ⇒ Host a regional, rotating outdoor movie or concert series. Municipalities have partnered to jointly purchase equipment, such as an outdoor movie screen and projector.
- ⇒ Organize a bus trip, such as to a sporting event or concert. More participants can reduce the cost to users.



<http://cityofwatsonville.org/wp-content/uploads/2013/11/MovieNight1.jpg>

Chartiers Township Parks & Recreation Implementation Strategy

Recommendation	Organization Responsible	Potential Partners	Opinion of Probable Cost	Timeframe for Implementation	Reference for More Info
Ensure that the Township staff for parks and recreation can perform their jobs at the highest level.					
Create a "Parks and Recreation Director" staff position	Board of Supervisors	Parks Board; Recreation Board	\$40-60,000/year	IMPLEMENTED	pg. 4-2
Adopt an administrative manual for parks and recreation	CCM/Director of Recreation	Parks Board; Recreation Board	Staff time	Long-term (6-10 years)	pg. 4-3
Designate a staff person for parks and recreation maintenance	Board of Supervisors	Public Works	N/A	Short-term (1-5 years)	pg. 4-3
Establish clear job descriptions for staff	Board of Supervisors	Township Administration; Public Works	Staff time	Short-term (1-5 years)	pg. 4-4
Update personnel policies and develop a performance evaluation system	Board of Supervisors	Township Administration	Staff time	Long-term (6-10 years)	pg. 4-4
Provide staff with the opportunity to maintain proper training and clearances	Board of Supervisors	Township Administration	Cost dependent upon training/clearance	Ongoing	pg. 4-4
Establish bylaws and a code of ethics for the recreation board and the parks board	Recreation Board Parks Board	Township Administration	N/A	Long-term (6-10 years)	pg. 4-4
Build and maintain partnerships to enhance parks and recreation.					
Improve the Township's relationship with Chartiers Houston School District	Board of Supervisors; School District	CCM/Director of Recreation; Parks Board; Recreation Board	N/A	Short-term (1-5 years)	pg. 4-5
Develop partnerships to advance shared interests	CCM/Director of Recreation	Recreation Board; Parks Board; Various Organizations	Cost dependent upon scope of work	Ongoing	pg. 4-5
Increase communication and public awareness of Township parks and recreation facilities.					
Update the Township's website to offer additional recreation information	Township Administration	CCM/Director of Recreation; Parks Board; Recreation Board	Staff time	Short-term (1-5 years)	pg. 4-6
Expand the use of social media to promote the Township's parks, recreation facilities and programs	Township Administration	CCM/Director of Recreation; Parks Board; Recreation Board	Staff time	Short-term (1-5 years)	pg. 4-6
Create and maintain a database of contact information	CCM/Director of Recreation	Parks Board; Recreation Board	Staff time	Short-term (1-5 years) + ongoing	pg. 4-7
Partner with other organizations to promote programs and facilities	CCM/Director of Recreation	Parks Board; Recreation Board; Various Organizations	Staff time	Short-term (1-5 years) + ongoing	pg. 4-7
Increase the use of community signs to publicize upcoming events and programs	Township Administration	CCM/Director of Recreation; Parks Board; Recreation Board	Staff time	Short-term (1-5 years)	pg. 4-7

Improve the overall ADMINISTRATION of parks and recreation

* = See Appendix C: Cost Estimates for More Detail

Chartiers Township Parks & Recreation Implementation Strategy

	Recommendation	Organization Responsible	Potential Partners	Opinion of Probable Cost	Timeframe for Implementation	Reference for More Info
Provide parks and recreation FACILITIES that meet the needs of a growing community	Enhance existing parks and recreation sites.					
	Improve the overall safety and usability of community parks and recreation facilities	CCM/Director of Recreation	Public Works; Parks Board	Staff Time + Cost dependent on project scope	Short-term (1-5 years)	pg. 4-8
	Develop a formal maintenance and risk management plan	CCM/Director of Recreation	Public Works; Parks Board	Staff Time	Short-term (1-5 years)	pg. 4-8
	Ensure that park and recreation facilities are compliant with the most recent ADA requirements	CCM/Director of Recreation	Public Works; Parks Board	Staff Time + Cost dependent on project scope	Short-term (1-5 years)	pg. 4-9
	Utilize green sustainable design in parks and recreation areas	CCM/Director of Recreation	Public Works; Parks Board	Cost dependent upon project scope	Ongoing	pg. 4-9
	Install directional signing to the parks throughout the Township	Board of Supervisors	Public Works; CCM/Director of Recreation; Parks Board	\$300 per sign	Long-term (6-10 years)	pg. 4-9
	Prepare a master site plan for Ullom Park	Board of Supervisors	CCM/Director of Recreation; Parks Board	\$30-50,000	Long-term (6-10 years)	pg. 4-10
	Prepare a master site plan for Arnold Park	Board of Supervisors	CCM/Director of Recreation; Parks Board	\$36,000	Short-term (1-5 years)	pg. 4-11
	Improve Allison Parkette in accordance with the site drawing	Board of Supervisors	School District; Public Works; CCM/Director of Recreation; Parks Board	Phase I = \$429,906* Phase II = \$414,648*	Short-term (1-5 years)	pg. 4-12
	Improve Pine Lawn Park in accordance with the site drawing	Board of Supervisors	Public Works; CCM/Director of Recreation; Parks Board; Library; School District	\$852,108*	Long-term (6-10 years)	pg. 4-13
	Effectively plan for the future needs of Chartiers Township residents.					
	Update Subdivision and Land Development Ordinance to include a mandatory dedication / fee-in-lieu of provision to provide either new parks / recreation open space or fees to support park improvements	Board of Supervisors	Township Administration	\$10-20,000 (depending on project scope and if hiring consultant)	Short-term (1-5 years)	pg. 4-15
	Seek to acquire land along Chartiers Creek to develop as a passive recreation area to provide access for anglers, paddlers and (potential) trail users	Board of Supervisors	Township Administration; Parks Board; Landowners/Businesses along Chartiers Creek	Dependent on project scope/cost of land acquisition	Long-term (6-10 years)	pg. 4-16

* = See Appendix C: Cost Estimates for More Detail

Chartiers Township Parks & Recreation Implementation Strategy

Provide parks and recreation FACILITIES that meet the needs of a growing community

Recommendation	Organization Responsible	Potential Partners	Opinion of Probable Cost	Timeframe for Implementation	Reference for More Info
Effectively plan for the future needs of Chartiers Township residents. (continued)					
Conduct annual or semi-annual park user surveys to gage residents' usage of existing parks and needs for new facilities	CCM/Director of Recreation	Township Administration; Parks Board	Staff Time + Print/Mailing Costs (unless digital)	Short-term (1-5 years)	pg. 4-17
Provide annual funding for parks within the Township budget and leverage these dollars with grants and other funding sources	Board of Supervisors	Grants; Foundations	\$100,000/annually = NRPA median	Ongoing	pg. 4-18
Utilize the "Friends of Chartiers Parks" organization to actively fundraise for park improvements	Board of Supervisors; Friends of Chartiers Park	CCM/Director of Recreation; Parks Board; Recreation Board	N/A	Ongoing	pg. 4-20
Create an interconnected parks and recreation system.					
Construct a trail loop around Allison Parkette	Public Works	School District; CCM/Director of Recreation; Parks Board	\$162,305*	Short-term (1-5 years)	pg. 4-21
Develop an off-road trail system that connects Arnold Park to surrounding neighborhoods	Public Works	School District; CCM/Director of Recreation; Parks Board; Adjacent Landowners	\$137,440*	Short-term (1-5 years)	pg. 4-21
Develop a share-the-road route to connect to the off-road trail system along Silver Maples, McGovern Road, Arnold Hollow Road, North Johnson Road and West Grant Street. Install "share the road" signs and/or paint "sharrows" every 200-250 feet and at all intersections	Public Works	PennDOT; CCM/Director of Recreation; Parks Board	\$300 per sign or "sharrow"	Short-term (1-5 years)	pg. 4-21
Conduct a feasibility study to determine the potential for an off-road ADA-accessible trail along Chartiers Creek	Board of Supervisors	CCM/Director of Recreation; Parks Board	\$20-30,000	Short-term (1-5 years)	pg. 4-22
Partner with Montour Trail Association to support future extensions of the trail system into Chartiers Township	CCM/Director of Recreation	Township Administration; Parks Board	N/A	Ongoing	pg. 4-22

* = See Appendix C: Cost Estimates for More Detail

Chartiers Township Parks & Recreation Implementation Strategy

Recommendation	Organization Responsible	Potential Partners	Opinion of Probable Cost	Timeframe for Implementation	Reference for More Info
Expand the types of programs offered to best utilize existing and planned community facilities.					
Develop new programs targeted for specific population groups	CCM/Director of Recreation	Recreation Board	Cost dependent upon program/instructor fee	Short-term (1-5 years)	pg. 4-23
Develop outdoor programs	CCM/Director of Recreation	Recreation Board	Cost dependent upon program/instructor fee	Short-term (1-5 years)	pg. 4-24
Conduct user surveys to assist in program evaluation	CCM/Director of Recreation	Parks Board; Recreation Board	Staff Time + Print/Mailing Costs (unless digital)	Ongoing	pg. 4-24
Develop partnerships to expand recreation programs.					
Partner with the Chartiers Houston Community Library	CCM/Director of Recreation	Recreation Board	Cost dependent upon program/instructor fee	Ongoing	pg. 4-25
Develop multi-municipal partnerships	CCM/Director of Recreation	Recreation Board	Cost dependent upon program/instructor fee	Ongoing	pg. 4-25

Provide high quality PROGRAMS for all ages

* = See Appendix C: Cost Estimates for More Detail



Appendices

**OFFICIAL
BOROUGH OF FRANKLIN PARK
ORDINANCE NO. 628-2015**

**AN ORDINANCE OF THE BOROUGH OF FRANKLIN PARK,
ALLEGHENY COUNTY, PENNSYLVANIA, AMENDING
CHAPTER 184 OF CODE OF THE BOROUGH OF FRANKLIN
PARK, "SUBDIVISION AND LAND DEVELOPMENT," TO
ADOPT REVISIONS TO THE SUBDIVISION AND LAND
DEVELOPMENT ORDINANCE**

WHEREAS, the Municipalities Planning Code ("MPC"), 53 P.S. §10101 *et seq.*, authorizes the Borough of Franklin Park (the "Borough") to regulate subdivisions and land developments in the Borough; and

WHEREAS, Chapter 184 of the Code of the Borough of Franklin Park, "Subdivision and Land Development," as amended, (the "Subdivision and Land Development Ordinance") regulates subdivisions and land developments within the Borough; and

WHEREAS, the Borough's Comprehensive Recreation, Park and Open Space Plan identifies the benefits of recreation and parks for current and future inhabitants of both residential and nonresidential developments; and

WHEREAS, the Borough evaluated pre-development land transactions within the Borough between 2013 and 2015 in order to calculate an average per acre land value of \$65,000; and

WHEREAS, the Borough desires to provide its new inhabitants with local open space so that for each additional dwelling unit constructed in the Borough, an additional .056 acres of open space is contributed to the Borough for parks and recreational purposes and for each additional nonresidential building constructed in the Borough, an additional 5% of the total square feet of gross floor space is similarly contributed the Borough; and

WHEREAS, the Borough Council desires to adopt amendments to the Subdivision and Land Development Ordinance as set forth below in order to maintain, preserve and protect the public health, safety and welfare.

NOW THEREFORE, the Borough Council of the Borough of Franklin Park hereby ordains and enacts as follows, incorporating the above recitals by reference:

SECTION 1. Section 184-904 of the Subdivision and Land Development Ordinance is amended as follows by deleting the current section 184-904 and replacing it as follows:

§ 184-904. Dedication of open space; fees in lieu thereof.

A. *General Standards.*

- (1) The Borough has determined that, in order to promote the best interest of residents of the Borough and individuals working in the Borough, adequate and usable recreation open space shall be provided to serve the needs of the public at large. The Borough's goals of promoting and utilizing recreation open space are set forth at length in the Borough's Comprehensive Recreation, Park and Open Space Plan, as amended and updated. It is acknowledged and recognized that both residential and nonresidential uses of land in the Borough create a demand for facilities which require and utilize recreation open space. Nonresidential development, whether stand-alone or part of a mixed-use development, creates its own demands for usable recreation open space as individuals employed in the Borough couple their work activities with non-work recreational activities within the Borough. As a result of nonresidential development, there is also an influx of business invitees and others who, due to the proximity and availability of Borough recreation open space facilities, utilize and will in the future utilize recreation open space facilities. It is a vital Borough objective to ensure that as residential and nonresidential development continue, usable and adequate recreation open space which meets the Borough's open space design standards is developed and that existing facilities located within recreation open space are maintained and upgraded as needed.
- (2) In addition, the nonresidential recreation fees or dedication of land in lieu of fee set forth in this chapter shall not apply to public schools, or buildings associated therewith, or to the Borough, any authority created by the Borough or any other Borough agency, on the basis that schools and local government agencies serve an overriding public interest which warrants an exemption from donation of land or nonresidential recreation fees.
- (3) Finally, the Borough has established this dedication of land / recreation fee-in-lieu thereof requirement with the intent to promote the retention and utilization of recreation open space within the Borough for use by future inhabitants of new developments, including Borough residents and individuals employed in or visiting the Borough. The amount of the applicable fee or dedication requirement corresponds to the gross building size of the relevant nonresidential development and should bear a reasonable relationship to the typical expected increase in employee and business invitee traffic within the Borough and reduction of available recreation space within the Borough. In the event that the Borough staff determines, in its sole discretion, that application of the nonresidential recreation fee or dedication of land requirement would be grossly disproportionate to the impact of a nonresidential development and in violation of applicable Pennsylvania law, the Borough's staff shall be empowered to recommend any modification it deems necessary to carry out the intent of this chapter.

B. Mandatory dedication of recreation open space.

- (1) As a condition precedent to final approval of any subdivision or land development intended for residential use, the developer shall dedicate for public use recreation open space meeting the design standards in this section, or upon agreement with the Borough, pay a fee in lieu of mandatory dedication.
- (2) As a condition precedent to final approval of any land development intended for nonresidential use, the developer shall dedicate for public use recreation open space meeting the design standards in this section, or upon agreement with the Borough, pay a fee in lieu of mandatory dedication.
- (3) The nonresidential recreation fees or dedication of land in lieu of fee set forth in this chapter shall not apply to *de minimus* nonresidential development. "De minimus" nonresidential development shall be defined as construction of a nonresidential building of 1,500 square feet or less of gross nonresidential building area.
- (4) For residential developments, the applicant shall provide for a minimum of .056 acres of public recreation open space for each dwelling unit. For nonresidential developments, the applicant shall provide for a minimum contiguous area of public recreation open space equal to five percent (5%) of the total square feet of gross nonresidential building area.
- (5) Within the area determined for residential developments by Section 184-904.B.4 above, at least 50% of the acreage shall be dedicated to the Borough for passive recreational purposes.
- (6) Within the area determined for residential developments by Section 184-904.B.4 above, at least 20% of the acreage shall be dedicated to the Borough for active recreation open space. All such land proposed for active recreation open space shall be suitable for the use intended.
- (7) The developer shall install facilities on the dedicated land that are appropriate to the needs of the inhabitants of the proposed subdivision or land development.
- (8) The type of facilities proposed shall be subject to approval by Borough Council, upon recommendation of the Borough Recreation Board and the Borough Planning Commission. In determining the appropriateness of the facilities, Borough Council shall consider the safety of the general public and future liability and maintenance costs to the Borough.
- (9) All land proposed for active recreation use shall be seeded and ready to be used for the purpose intended within 12 months of occupancy of the first dwelling unit or nonresidential building in that phase of the subdivision or land development.
- (10) All development of active recreation open space shall be subject to the requirements of Section 509 of the Pennsylvania Municipalities Planning Code for

posting financial security to guarantee the completion of required public improvements.

- (11) The applicant or developer shall offer open space for recreation subject to approval by Borough Council and the execution of legal agreements between the applicant or developer and Borough Council for construction of recreational facilities on said land by the applicant or developer. Dedication and construction of facilities shall be subject to posting of the performance and maintenance bonds required for public improvements to be accepted by the Borough.
- (12) The applicant or developer shall prepare a legal description with metes and bounds of the land being offered for dedication.
- (13) The applicant may transfer open space by:
 - (a) Dedicating said recreation open space to the Borough.
 - (b) Dedicating said recreation open space to a land trust, acceptable to the Borough.
 - (c) Conveying ownership to the homeowner's association created under the terms of § 184-602F.
- (14) A maintenance agreement to be recorded in the Allegheny County Department of Real Estate may be required by Borough Council for the ownership and management of any private recreational facilities and common open space. The Borough shall have the right to make annual inspection of any private recreational facilities and common open space and may institute the procedures for maintenance of such facilities authorized by Section 705(f) of the Pennsylvania Municipalities Planning Code, as now or hereafter amended.
- (15) The plan for recording shall set forth the location of any open space, park or recreational land and shall reflect either the dedication or the method by which the perpetual administration and maintenance of the land and facilities is to be accomplished.
- (16) A sign with a map identifying future recreational facilities or open space shall be prominently posted along the perimeter at public access points and other locations determined by the Borough. Said sign shall be visible, weatherproof, a minimum of six and a maximum of 32 square feet, and shall be exempt from Zoning Chapter 212 sign ordinances.

C. Criteria for land to be dedicated to the Borough.

- (1) The recreation open space provided shall be easily, safely, and legally accessible from all areas of the development to be served, shall have safe ingress and egress

and shall have a minimum of 100 feet of frontage on a public road. Land set aside for active recreational facilities shall be located within 2,000 feet of all inhabitants of the proposed development with no major physical impediments or barriers to cross.

- (2) The recreation open space provided shall have suitable topography and soil conditions for use as a recreation area. At least 1/2 of any land proposed as open space shall be above the one-hundred-year-flood elevation. No area to be dedicated shall be comprised of wetlands.
- (3) At least 1/2 of the area to be dedicated shall have slopes less than 10% which are suitable for active and passive recreation. Slopes greater than 10% shall be accepted for passive recreation only.
- (4) The size, shape and location of the recreation open space provided shall be suitable for development as a park or parklet. No single side of a property with a rectangular configuration shall amount to more than 40% of the perimeter of the entire tract provided for recreational purposes.
- (5) The recreation open space shall be easily accessible to essential utilities, including power, water, sewerage and telephone. If any of these facilities are placed underground, no part of them or their supportive equipment shall protrude above ground level, except as may be authorized by Borough Council after a determination that there will be no adverse impact on the health, safety or welfare of the general public.
- (6) The finished grade of the recreation open space provided shall have a slope of 3% or less.
- (7) Recreation open space dedicated to the Borough in each subdivision and land development shall be contiguous in order to avoid small, remote, or unusable areas of recreation open space. Borough Council may waive, at its sole discretion, this contiguous acreage requirement.

D. Fees in lieu of mandatory dedication.

- (1) Where the applicant or developer elects not to offer to dedicate recreation open space or Borough Council determines, after review, that as a result of size, shape, location, topography or other physical features of the recreation open space offered for dedication that the setting aside of land for recreation open space as required by this section is impractical, not feasible or inconsistent with the goals of the Borough Comprehensive Recreation, Park, and Open Space Plan, the applicant or developer shall be required to pay a fee in lieu of dedication, in order to finance the provision by the Borough of recreation open space and facilities for use by future inhabitants of the subdivision or land development.

(2) Standards for Determining Fair Market Value (FMV):

- (a) Where a fee contribution is made in lieu of required land dedication, the value or amount of such contributions shall be based upon "fair market value" (FMV) of an acre of pre-development land within the Borough at the time of the filing of the final plan with the Borough or the first final plan phase of a subdivision or land development plan consisting of multiple phases. Beginning in 2015, the FMV shall be set at \$65,000 per acre. This amount shall be annually increased or decreased by the Consumer Price Index or by an average of recent pre-development sales within the Borough, and the resulting FMV shall be included in the Borough's fee schedule, as adopted and amended by Council from time to time by resolution.
- (b) In accordance with Section 184-904.C.2.b, if a subdivision and land development is planned in development phases over multiple years as permitted by this Chapter, the approved FMV for a pre-development acre shall be adjusted with each phased final plan submission to keep current with actual land value within the Borough.

(2.1) Determining the Amount of Fee in Lieu of Land Dedication.

- (a) Residential. The amount of fee to be paid in lieu of dedication of land for recreation open space shall be based on the formula ("N" x 0.056) x FMV = Total Fee, where "N" equals the number of dwelling units in the residential plan or phase, 0.056 represents the minimum number of acres of public recreation open space that an applicant must provide per Section 184-904.B.(4), and where "FMV" is determined in Section 184-904.D.(2)(a).

Examples:

Single-family Residential Development with 35 homes on 35 lots:

$$35 \times 0.056 \times \$65,000 = \$127,400 \text{ } (\$3,640 \text{ per dwelling unit})$$

Multi-family Residential Development with 100 dwelling units:

$$100 \times 0.056 \times \$65,000 = \$364,000 \text{ } (\$3,640 \text{ per dwelling unit})$$

- (b) Nonresidential. The amount of fee to be paid in lieu of dedication of land for recreation open space shall be \$1.20 multiplied by the total square feet of gross nonresidential building area rounded to the nearest square foot.

Example:

Nonresidential Building with 1,000 square foot basement, 1,000 square foot first floor, and 500 square foot second floor:

$$\$1.20 \times (1,000 + 1,000 + 500) = \$3,000 \text{ total fee.}$$

- (c) Mixed Use. In mixed development projects involving any combination of single-family, multi-family and/or nonresidential developments, the applicant shall calculate the recreation open space requirements for the residential portion first, and then calculate the fee for the nonresidential development. The total fee shall be a combination of the residential fee and the nonresidential fee.
- (3) The fee authorized by this section shall be payable at the time of application for a building permit and, upon receipt by the Borough, shall be deposited in the Borough Recreation Capital Reserve Fund under an interest-bearing account. All fees collected shall be clearly identified as to the plan from which they were collected and the specific recreational purpose accessible to the future inhabitants of the plan for which they are intended to be expended. Interest earned on such accounts shall become funds of that account. Funds from such accounts shall be expended only in properly allocable portions of the cost incurred for providing, acquiring, operating or maintaining park or recreational facilities. The Borough Manager shall maintain such financial records for the Recreation Capital Reserve Fund to show the source and disbursement of all revenues and ensure that moneys are expended in accordance with the requirements of Section 503(11) of the Pennsylvania Municipalities Planning Code.
- (4) The fees in lieu of the provision of recreation open space shall be used, unless the person paying such fee shall agree otherwise, only for the purpose of providing, acquiring, operating or maintaining park and recreational facilities accessible to the subdivision or land development for which such fees are paid. Upon request of any person who paid any fee under this section, the Borough shall refund such fee, plus interest accumulated thereon from the date of payment, if the Borough had used the fee paid for a purpose other than the purposes set forth in Section 503(11) of the Pennsylvania Municipalities Planning Code.

SECTION 2. All prior ordinances and resolutions are hereby repealed in whole or in part to the extent inconsistent herewith.

SECTION 3. If any sentence, clause, section, or part of this Ordinance is for any reason found to be invalid, such invalidity shall not affect or impair any of the remaining provisions, sentences, clauses, sections, or parts of this Ordinance. It is hereby declared as the intent of the Borough Council that this Ordinance would have been adopted had such invalid sentence, clause, section or part thereof not been included herein.

SECTION 4. This Ordinance shall take effect in accordance with applicable law.

ORDAINED AND ENACTED into law by Borough Council of the Borough of Franklin Park, Allegheny County, Pennsylvania, at its meeting held on the ____ day of _____, 2016.

ATTEST:

BOROUGH OF FRANKLIN PARK

Secretary By: _____
President

Approved by me this _____ day of _____, 2016.

Mayor

SAMPLE

Appendix B: Funding Sources

Grants

Grant	Description	Contact Information
American Legacy Foundation Initiative for Tobacco Control	Provides grants of up to \$200,000 for anti-smoking projects.	http://truthinitiative.org/
Amgen Foundation Community Life Grants	The Foundation dedicates substantial resources to strengthening and enriching the community, thereby making it a more desirable place to live and work. This investment helps to ensure that essential health and social services, environmental programs, the excitement of the sciences and the richness of the arts are more accessible to all members of the community.	http://www.amgen.com/citizenship/apply_for_grant.html
Baseball Tomorrow Fund	The Baseball Tomorrow Fund, a joint initiative between Major League Baseball and the Major League Baseball Players Association, offers grants to nonprofit and tax-exempt organizations involved in youth baseball and softball programs.	www.baseballtomorrowfund.com
Child and Adult Care Food Program (CACFP)	Provides meals and snacks for after school and evening youth recreation programs.	www.dot.state.pa.us
Common Grant Application Format	The Grantmakers of Western PA provide the materials needed to apply for many grants geared toward foundations in the western part of Pennsylvania. Visit their website for links to the common grant application and details on writing your grant application.	https://gwpa.org/resources/common-grant-application-formcommon-grant-report-form
Federal Grants Clearinghouse	Provides information on hundreds of federal grants that can be used to support youth recreation programs.	www.afterschool.gov
Get Outdoors PA Community Partners	\$1,500 - \$3,000 Grants to fund equipment and training related to outdoor programming. Must be a Get Outdoors Partner	www.dcnr.state.pa.us
Grants.gov	The federal government's master system for listing and tracking grants. It includes all 50 states as well as federally funded programs.	http://www.grants.gov/
Go Greenfields Grant – Greenfields Outdoor Fitness	This grant will help parks and recreation make it possible to install outdoor exercise zones with an aim at bringing more accessible fitness opportunities to community members. This grant will match 50 percent of the equipment purchase and priority will be given to applicants demonstrating strong need for recreational and fitness opportunities in their communities, especially for demographics historically underserved by traditional park amenities. Applications must be submitted by Nov. 15, awarded by November 30.	www.GreenfieldsFitness.com/GoGreenfieldsGrants .

Appendix B: Funding Sources

Greenways, Trails and Recreation Program (GTRP)	Act 13 of 2012 establishes the Marcellus Legacy Fund and allocates funds to the Commonwealth Financing Authority (the "Authority") for planning, acquisition, development, rehabilitation and repair of greenways, recreational trails, open space, parks and beautification projects using the Greenways, Trails and Recreation Program (GTRP). Projects which involve development, rehabilitation and improvements to public parks, recreation areas, greenways, trails and river conservation. Grants shall not exceed \$250,000 for any project. A 15% match of the total project cost is required.	http://www.newpa.com/GTRP
Growing Greener Environmental Stewart Fund	Provides funding for multipurpose trails, greenways, and parks.	http://www.growinggreener.info
International Society of Arboriculture	Information to assist with landscaping/tree plantings	http://www.isa-arbor.org
Local Government Academy	Serving all of Southwestern Pennsylvania, the Local Government Academy's purpose is to promote excellence in government by providing educational opportunities to assist public officials, employees, and citizens in effectively meeting the needs of their communities.	http://localgovernmentacademy.org/
National Endowment of the Arts – Grants for Organizations	We fund projects only. Projects may consist of one or more specific events or activities. Projects do not have to be new. Excellent existing projects can be just as competitive as new activities. Projects do not need to be big either; we welcome small projects that can make a difference in their community or field. Matching grants generally range from \$10,000 to \$100,000. A minimum cost share/match equal to the grant amount is required.	https://www.arts.gov/grants
National Fish and Wildlife Foundation	Provides grants for conservation and environmental education projects.	www.nfwf.org
National Gardening Association Youth Garden Grants	Provides grants of over \$750 for seeds, tools and gardening supplies for children to learn and work in outdoor gardens.	www.kidsgardening.com/grants.asp
National Recreation and Park Association (NRPA) – Grant Opportunities	NRPA provides online grant and fundraising resources and current grant opportunities. Out-of-School Time Programs is a grant from the Walmart Foundation to support children's health through park and recreation out-of-school time programs. One-year grants are available and are expected to range from \$25,000 to \$35,000. Matching funds are not required.	www.nrpa.org/grants

Appendix B: Funding Sources

NFL Community Football Fields Program	Provides grants of up to \$100,000 for capital improvement projects to improve or create football fields in low and moderate –income neighborhoods.	www.nflfoundation.org/applications/programs/view/grassroots
NFL Youth Football Fund	Provides grants of \$500 to \$2,500 to purchase equipment, repair fields, establish new football programs, and improve existing programs.	www.nflfoundation.org/
Nike Bowerman Track Program	Provides matching cash grants of up to \$50,000 to community-based, youth organizations that seek to refurbish or construct running tracks. The program distributes approximately \$200,000 in matching grants each year.	http://www.nikebiz.com/responsibility/community_programs/bowerman_track_program/
PA Cleanways	A non-profit organization that helps communities take action against illegal dumping and littering.	www.pacleanways.org
PennDOT Multi Modal Transportation Fund (MTF)	Establishes dedicated funding for bicycle and pedestrian improvements.	http://www.penndot.gov/ProjectAndPrograms/MultimodalProgram/Pages/default.aspx#.VrOWv7lrLRY
Pennsylvania Conservation Corps (PCC) Project Grant Program	Municipalities may apply for PCC grants to carry out projects related to conservation, recreation and historic preservation. Grantees receive the services of a PCC crew for one year and may also receive up to \$15,000 for the purchase of necessary materials and contracted grant services. Municipalities must supply a 25% cash match. Applications are available in October and must be submitted by the following January. Projects begin on July 1 and end on June 30.	http://www.portal.state.pa.us/portal/serve.r.pt/community/grants/14632/pennsylvania_conservation_corps_(pcc)_project_grant_program/598231
Pennsylvania Council on the Arts	The PCA offers funding for organizational and staff development (Professional Development and Consulting); provides funding and resources in two programmatic divisions, Arts in Education and Preserving Diverse Cultures; undertakes partnerships and initiatives to leverage opportunities; seeks solutions to challenges affecting the arts in the Commonwealth; and initiates programs that will serve and provide opportunities for a broad spectrum of artists, arts organizations and arts participants throughout the state.	www.arts.pa.gov/
Pennsylvania Department of Community and Economic Development (PA DCED)	If you're seeking funding for a business venture, a community project or site revitalization in Pennsylvania, DCED offers a variety of programs to help. Program information is subject to change; for the most up-to-date information, use our online search tool.	http://community.newpa.com/program-funding-matrices/
Pennsylvania Department of Environmental Protection (PA DEP)	DEP has dozens of grants and loans to assist individuals, groups and businesses with a host of environmental issues. Below, you'll find a list of available grants and loans, a description of each program, links to applications and eligibility information. DEP's Grants Center is available to assist with general questions.	http://www.ahs.dep.pa.gov/GrantsCenter/

Appendix B: Funding Sources

Pennsylvania Department of Conversation and Natural Resources (PA DCNR) –	The DCNR Bureau of Recreation and Conservation (BRC) builds connections between the citizens and the outdoors through recreation enhancement, natural resources conservation and community revitalization efforts. BRC partners with communities and organizations across Pennsylvania to provide technical assistance and financial support for these efforts.	http://www.dcnr.state.pa.us/brc/grants/
Pennsylvania Fish and Boat Commission (PFBC)	The Commission has a number of grant programs that provide funding in support of fishing, boating and aquatic resource conservation. A list of the major grant programs is on the website.	http://fishandboat.com/grants.htm
Pennsylvania Humanities Council	The Pennsylvania Humanities Council is the only statewide nonprofit organization dedicated to promoting the humanities throughout the Commonwealth. We produce innovative programs, give strategic grants and connect people with ideas.	www.pahumanities.org
Pennsylvania Recreation and Park Society (PRPS) RecTAP Program	Provides technical assistance grants of up to \$1,500 to help recreation and park boards and departments with specific issues. No matching funds are required.	www.prps.org
Pennsylvania Safe Routes to School Program	Provides funding sources and information on how to implement a Safe Routes to School program or activity.	http://www.justdrivepa.org/Resource-Center/Safe-Routes-to-School/Funding/
Southwestern Pennsylvania Commission (SPC) SPC Water Resource Center	Regional and technical resource for grants and funding options in southwestern Pennsylvania for water-related issues and projects.	http://spcwater.org/regs_grants.shtml
U.S. Department of Agriculture – Rural Development Community Facilities Direct Loan and Grant Program	This program provides affordable funding to develop essential community facilities in rural areas. An essential community facility is defined as a facility that provides an essential service to the local community for the orderly development of the community in a primarily rural area, and does not include private, commercial or business undertakings.	http://www.rd.usda.gov/programs-services/community-facilities-direct-loan-grant-program
U.S. Department of Agriculture – Summer Food Service Program (SFSP)	The Summer Food Service Program (SFSP) ensures that low-income children continue to receive nutritious meals when school is not in session. This summer, USDA plans to serve more than 200 million free meals to children 18 years and under at approved SFSP sites.	http://www.fns.usda.gov/sfsp/summer-food-service-program-sfsp
U.S. Department of Education	Provides information on grants to apply for in cooperation with school districts.	http://www2.ed.gov/fund/grants-apply.html

Appendix B: Funding Sources

U.S. Department of Education - 21 st Century Learning Program	Supports the creation of community learning centers that provide academic enrichment opportunities during non-school hours for children, particularly students who attend high-poverty and low-performing schools. The program helps students meet state and local student standards in core academic subjects, such as reading and math; offers students a broad array of enrichment activities that can complement their regular academic programs; and offers literacy and other educational services to the families of participating children.	http://www2.ed.gov/programs/21stcclc/index.html
U.S. Department of Health and Human Services	Provides information on available grants that can be used to fund recreation programs that improve health.	www.hhs.gov/agencies/grants.html
U.S. Department of Justice	Provides information on crime and violence prevention grants that can be used to support recreation programs.	www.ojp.usdoj.gov/fundopps.htm
U.S. Forest Service Grants	The Grants & Agreements Administration & Management (GAAM) office works with state and local governments, institutions of higher learning, and both non-profit and for-profit organizations to accomplish many objectives such as diversifying local economies; protecting lives, homes and natural resources from uncontrolled wildland fires; and assisting with forest stewardship.	http://www.na.fs.fed.us/fap/fap.shtm

Appendix B: Funding Sources

Foundations

Foundations	Description	Contact Information
Allegheny Teledyne, Inc. Charitable Trust	Mostly local pa giving for projects related to youth, disabled, community arts, historical, or sports and camps. Letter form requests with a maximum of 2 pages may be submitted at any time. Include IRS tax-exempt document. Trustees meet in January, April, July, and October to award grants.	www.scaife.com
Bayer Foundation	About one-half local/Pa. giving for projects related to youth, disabled, seniors, community arts, historical, sports and camps, or economic development. Full proposal may be submitted at any time. Deadlines are 3/15 and 9/15.	www.bayerus.com/community/charity/index.html
The Eberly Foundation	Grants are awarded for projects related to youth, community arts, historical, sports and camps, miscellaneous, or economic development. Submit requests in letter format at any time.	http://www.eberlyfoundation.org/
The Grable Foundation	Projects awarded for youth, disabled, families, seniors, community arts, historical, or camps and sport projects. Grants awarded in February, June and October. Use the Common Grant Application Format of Grantmakers of Western Pa as formal application.	http://grable.org/apply-for-funding/
Heinz (Howard) Endowment	Send a letter of inquiry before formal application. Projects must relate to families, youth, disabled, community arts, historical, or sports and camps.	www.heinz.org
Laurel Foundation	Grants are awarded for youth, families, seniors, disabled, community arts, historical, conservation and ecology, sports and camps, or miscellaneous projects. No call is needed to discuss feasibility.	http://laureldfn.org/
McCune Foundation	Send letter of inquiry to Executive Director, 2 pages maximum. Grants awarded for youth, families, seniors, disabled, community arts, historical, sports and camps, or miscellaneous projects.	http://www.mccune.org/
The Foundation Center	Has created a unique map that shows the different funding options by states.	www.foundationcenter.org
The Tony Hawk Foundation	Provides funding for construction of skate parks.	www.tonyhawkfoundation.org

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UPS Foundation Community Investment Grants	Allocates dollars to UPS region offices to invest in their communities.	www.ups.com
U.S. Soccer Foundation	The goal of the grantmaking program is to focus funding on those programs or projects that develop players, referees, and coaches with special emphasis on the economically disadvantaged in urban areas. The foundation's grants program is open to anyone with a soccer-specific program or project that benefits a not-for-profit purpose and meets the established focus.	www.ussoccerfoundation.org
Finish Line Youth Foundation	Encourages Sport Life Style in America's youth. Funding and assistance for education, sports and exercise placing importance on living a healthy lifestyle, bolstering confidence and leadership skills, and teaching youth the importance of teamwork.	http://www.finishline.com/store/corporate_info/youthfoundation.jsp
General Mills Foundation	Specifically geared towards programming related to nutrition and fitness.	http://www.generalmills.com/corporate/commitment/champions.aspx
Healthy Youth Funding Resources	Link takes you directly to funding available for Pennsylvania	http://apps.nccd.cdc.gov/HYFund/list.asp
LPGA*USGA Girls Golf Program	The program provides the opportunity to develop skills, progress in golf and have fun while establishing a life-long interest in the game. There is also a matching grants program, funded by the USGA, that is available to help with the costs associated with additional programming. The funds can be used for equipment, instruction, course and driving range access and the national registration fee (per girl \$10).	http://www.lpga.com/content_3.aspx?mid=7&pid=8
NFL Grassroots Program	The goal of the NFL Grassroots Program is to provide non-profit, neighborhood-based organizations with financial and technical assistance to improve the quality, safety, and accessibility of local football fields.	http://www.lisc.org/whatwedo/programs/nfl/rfp.shtml
Nike	Grants in various categories from cash grants to track renovation.	http://www.nike.com/nikebiz/nikebiz.jhtml?page=26
USGA Tee Level Clinic Matching Grant from Hook a Kid on Golf	The USGA provides matching grants to the National Alliance for Youth Sports program Hook a Kid on Golf. You must be a participating Hook a Kid on Golf site. To participate in Hook a Kid on Golf, go to their website or call. Upon registration ask about the grant program.	www.hookakidongolf.org

Appendix B: Funding Sources

USTA Adopt-a-Court Grant Program	For courts in desperate need of repair with limited resources. May Deadline.	usta.com/communitytennis/custom.sps?iType=950&icustompageid=2520
Pew Charitable Trust	Provides grants in a number of program areas including environment, culture, and health and human services.	www.pewtrusts.com/grants
Target Stores and Tiger Woods Foundation	Provides Start Something Scholarships for youth to use for summer camps, music lessons, sports entertainment, travel expenses, and so on. Programs enrollment forms are available at Target Stores.	www.startsomething.target.com/info/index.asp
UPS Foundation Community Investment	This grant allocates dollars to UPS region offices to invest in their communities.	www.ups.com
U.S. Soccer Foundation	The goal of the grantmaking program for fiscal year 2005 is to focus funding on those programs or projects that develop players, referees, and coaches with special emphasis on the economically disadvantaged in urban areas. The foundation's grants program is open to anyone with a soccer-specific program or project that benefits a not-for-profit purpose and meets the established focus for the 2005 grant cycle.	www.ussoccerfoundation.org
Woman's Sports Foundation – GoGirl Grant Program	The GoGirlGo! Grant and Education Program is dedicated to the development and funding of girls' sports/physical activity programs that combine athletic instruction and programming with the delivery or educational information aimed at reducing risk behaviors.	www.womanssportsfoundation.org
Pittsburgh Penguins Foundation	Funds for constructing dek hockey courts	www.pittsburghpenguinsfoundation.org
American Water Charitable Foundation	Funding for Nature Play Playgrounds	www.amwater.com/corporate-responsibility/Charitable-Foundation
Rapides Foundation	Walking Trail Mini Grant	www.rapidesfoundation.org

Appendix B: Funding Sources

Other Sources

Source	Contact Information
Achieve Healthy Communities	www.achievecommunities.org
After School Archery Program	www.afterschoolarchery.com
Annie's Homegrown Garden Grants	www.annies.com/grants_for_gardens
Baseball Tomorrow Fund	www.baseballtomorrowfund.com
Cal Ripken Sr. Foundation Grants	www.ripkenfoundation.org/grants/grant
Dick's Sporting Goods Sponsorships & Donations	dickssportinggoods.sponsorport.com
For the Good of the Game Grants	www.usga.org
Good Sports	www.goodsports.org/equipment/apply/
Grow Your Park Grant	www.nrpa.org/garden
Head Start Body Start Play Space Grant	www.aahperd.org/headstartbodystart
Healthy Sprouts Awards	www.kidsgardening.com/grants/healthysprouts.asp
Hooked on Hydroponics	www.kidsgardening.com/grants/HOH.asp
Kaboom – Playground Grant	www.kaboom.org
Mantis Awards for Community & Youth Gardens	www.kidsgardening.com/grants/mantis.asp
Moms Team	www.momsteam.com/grants
National Tree Trust	www.nationaltreetrust.com
Nature Explore Classroom	www.natureexplore.org
NRG Outdoors	www.nrgoutdoors.org
No Child Left Inside Act	www.cbf.org/site
Saucony Run for Good	www.sauconyrunforgood.com
SNAG – Start New at Golf – Equipment	www.snagpros.com
Tennis in the Parks	www.usta.com/About-USTA/Tennis-in-the-Parks/Tennis In The Parks
The Urban Park & Recreation Recovery Program	http://www.NPS.GOV/UPARR
Together We Play	www.playisi/Together-We-Play
United States Golf Association Grants	www.usga.org/
United States Soccer Foundation Program & Field Grants	www.ussoccerfoundation.org/grants
USA Football Equipment Grant	www2.usafootball.com/grants
Youth Garden Grants Program	www.kidsgardening.com/YGG.asp
US Paralympics Grants	www.teamusa.org
Urban Revitalization & Livable Communities Act	www.govtrack.us
Sticks for Kids	www.golf2020.com/initiatives/sticks-for-kids.aspx
The Recreational Boating & Fishing Foundation	www.rbff.org
Take Me Fishing	www.takemefishing.org

Appendix C: Cost Estimates

Chartiers Township					
Allison Parkette Plan Phase I (Opinion of Probable Cost)					
Mackin Engineering Company, Project No. 5081					
February 2016					
	Units	Quantity	Unit Price	Cost	Subtotal

Conceptual Submission

Walking Trails					\$162,305.00
15" Compost Filter Sox	LF	1,000	\$10.00	\$10,000	
Earthwork	CY	1,025	\$18.00	\$18,450	
Concrete Sidewalk (Along McGovern Road)	SF	8,300	\$8.00	\$66,400	
Concrete ADA Sidewalk Ramps	EA	5	\$1,500.00	\$7,500	
Walking Trail (AASHTO #10 & 2A Subbase)	SY	1,065	\$28.00	\$29,820	
Standard Duty Asphalt Pavement	SY	170	\$42.00	\$7,140	
Asphalt Pavement Patching (Existing Asphalt Internal Trails)	LS	1	\$8,000.00	\$8,000	
Sealcoat (Existing Asphalt Internal Trails)	SF	11,870	\$1.00	\$11,870	
Crosswalk Line Painting	EA	1,000	\$2.00	\$2,000	
Seeding	LB.	15	\$75.00	\$1,125	
Playground Renovations					\$10,300.00
15" Compost Filter Sox	LF	100	\$10.00	\$1,000	
Mulch Safety Surface	CY	140	\$30.00	\$4,200	
Seeding	LB.	3	\$75.00	\$225	
Drainage	LF	325	\$15.00	\$4,875	
Restroom Facility					\$104,025.00
15" Compost Filter Sox	LF	30	\$10.00	\$300	
Sanitary Manhole	EA	1	\$2,500.00	\$2,500	
Sanitary PVC Piping	LF	440	\$60.00	\$26,400	
Water Line Ductile Iron Piping	LF	440	\$50.00	\$22,000	
Electric Line/Conduit	LF	440	\$25.00	\$11,000	
24"x24" Inlet	EA	1	\$1,750.00	\$1,750	
Prefabricated Restroom	LS	1	\$36,000.00	\$36,000	
Concrete Sidewalk	SF	500	\$8.00	\$4,000	
Seeding	LB.	1	\$75.00	\$75	
Soccer Field					\$81,625.00
15" Compost Filter Sox	LF	150	\$10.00	\$1,500	
Clearing and Grubbing	LS	1	\$5,000.00	\$5,000	
Fill Place on Site	CY	2,000	\$18.00	\$36,000	
Earthwork	LS	1	\$10,000.00	\$10,000	
10' High Coated Fencing	LF	700	\$40.00	\$28,000	
Seeding	LB.	15	\$75.00	\$1,125	
				Sub Total	\$358,255.00
Grand Total w/20%Contingency					\$429,906.00

Appendix C: Cost Estimates

Chartiers Township

Allison Park Plan Phase II (Opinion of Probable Cost)

Mackin Engineering Company, Project No#5081

February 2016

	Units	Quantity	Unit Price	Cost	Subtotal
Conceptual Submission					
Parking Lot					\$108,490.00
Rock Construction Entrance	LS	1	\$3,000.00	\$3,000	
15" Compost Filter Sox	LF	300	\$10.00	\$3,000	
Storm Manhole	EA	1	\$2,000.00	\$2,000	
Storm Piping	LF	200	\$55.00	\$11,000	
24"x24" Inlet	EA	2	\$1,750.00	\$3,500	
Existing Storm System Tie In	LS	1	\$5,000.00	\$5,000	
Standard Duty Asphalt Pavement	SY	2,080	\$28.00	\$58,240	
Asphalt Wedge Curb	LF	675	\$20.00	\$13,500	
Line Striping	LS	1	\$4,000.00	\$4,000	
ADA Parking Signage	EA	2	\$500.00	\$1,000	
Stop Sign	EA	1	\$500.00	\$500	
Parking Lot Wayfinding Signage	EA	1	\$750.00	\$750	
Allision Park Sign/Kiosk	EA	1	\$3,000.00	\$3,000	
Sport Courts					\$129,175.00
15" Compost Filter Sox	LF	385	\$10.00	\$3,850	
Standard Duty Asphalt Pavement w/ Stone Base	SY	2,080	\$45.00	\$93,600	
Crack Seal Existing Court Surface	LS	1	\$3,000.00	\$3,000	
Basketball/Pickleball Court Color Coating	LS	1	\$10,000.00	\$10,000	
10' High Coated Fencing	LF	300	\$40.00	\$12,000	
Remove and Relocate Basket Ball Hoop	EA	1	\$5,000.00	\$5,000	
6' Park Bench	EA	1	\$1,500.00	\$1,500	
Seeding	LB.	3	\$75.00	\$225	
Playground Renovations					\$35,725.00
New Playground Structure	LS	1	\$30,000.00	\$30,000	
Timber Curbing	LF	115	\$20.00	\$2,300	
Mulch Safety Surface	CY	60	\$20.00	\$1,200	
6' Park Bench	EA	2	\$1,000.00	\$2,000	
Seeding	LB.	3	\$75.00	\$225	
Landscape Planting					\$9,650.00
2 1/2" Caliper Shade Trees	EA	13	\$500.00	\$6,500	
Seeding	LB.	42	\$75.00	\$3,150	
Site Lighting					\$62,500.00
Sport Field Lighting	EA	5	\$7,500.00	\$37,500	
Electric Line (Extension of Restroom Line)	LF	1,000	\$25.00	\$25,000	
				Sub Total	\$345,540.00
Grand Total w/20%Contingency					\$414,648.00

Appendix C: Cost Estimates

Chartiers Township					
Arnold Park Plan (Opinion of Probable Cost)					
Mackin Engineering Company, Project No#5081					
February 2016					
	Units	Quantity	Unit Price	Cost	Subtotal

Conceptual Submission

Walking Trails					\$137,440.00
6' Walking Trail (AASHTO #10 & 2A Subbase)	SY	7,710	\$16.00	\$123,360	
School Connector 6' Walking Trail (AASHTO #10 & 2A Subbase)	SY	880	\$16.00	\$14,080	
Spray Park					\$464,100.00
Earthwork	LS	1	\$20,000.00	\$20,000	
Structure	LS	1	\$300,000.00	\$300,000	
Poured in Place Rubber Safety Surface	SF	5,360	\$20.00	\$107,200	
6" Deep Set Concrete Curb	LF	300	\$38.00	\$11,400	
Water Line Extension	LF	300	\$75.00	\$22,500	
6' Park Bench	EA	2	\$1,500.00	\$3,000	
Outdoor Patio					\$75,590.00
Earthwork	LS	1	\$30,000.00	\$30,000	
Permeable Pavers (4.5"x 9")	SF	2,185	\$14.00	\$30,590	
Site Furniture	LS	1	\$15,000.00	\$15,000	
Sport Courts					\$125,000.00
Earthwork	LS	1	\$10,000.00	\$10,000	
Standard Duty Asphalt Pavement w/ Stone Base	SY	1,320	\$45.00	\$59,400	
Basketball/Tennis Court Color Coating	LS	1	\$15,000.00	\$15,000	
10' High Coated Fencing	LF	550	\$40.00	\$22,000	
Basketball Posts, Backboard, Rim, & Concrete Footings	EA	2	\$2,800.00	\$5,600	
Tennis Net & Posts	EA	1	\$3,000.00	\$3,000	
Relocate Sand Volleyball Court	EA	1	\$10,000.00	\$10,000	
Adventure Playground					\$90,000.00
Earthwork	LS	1	\$10,000.00	\$10,000	
Play Structures	LS	1	\$80,000.00	\$80,000	
Parking Lot					\$136,740.00
Earthwork	LS	1	\$40,000.00	\$40,000	
Storm System	LS	1	\$20,000.00	\$20,000	
Standard Duty Asphalt Pavement	SY	2,080	\$28.00	\$58,240	
Asphalt Wedge Curb	LF	675	\$20.00	\$13,500	
Line Striping	LS	1	\$4,000.00	\$4,000	
ADA Parking Signage	EA	2	\$500.00	\$1,000	
Baseball Field*					\$98,000.00
Earthwork	LS	1	\$20,000.00	\$20,000	
Drainage	LS	1	\$15,000.00	\$15,000	
6' Fencing	LF	600	\$30.00	\$18,000	

Appendix C: Cost Estimates

	Units	Quantity	Unit Price	Cost	Subtotal
Backstop	LS	1	\$20,000.00	\$20,000	
Clay Infield	LS	1	\$10,000.00	\$10,000	
Seeding	LS	1	\$3,000.00	\$3,000	
Players Benches	EA	1	\$1,500.00	\$1,500	
Bleachers	EA	2	\$4,500.00	\$9,000	
Bases	LS	1	\$1,500.00	\$1,500	
Tot Lot Playground					\$52,800.00
Earthwork	LS	1	\$5,000.00	\$5,000	
Concrete Curb	LF	100	\$38.00	\$3,800	
Tot Lot Playground Structure	EA	1	\$29,000.00	\$29,000	
Poured in Place Rubber Safety Surface	SF	700	\$20.00	\$14,000	
6' Park Bench	EA	1	\$1,000.00	\$1,000	
Dog Park					\$26,000.00
Clearing and Grubbing	AC	1	\$3,000.00	\$1,500	
6' Fencing	LF	700	\$30.00	\$21,000	
Fence Gates	EA	4	\$500.00	\$2,000	
6' Park Bench	EA	1	\$1,500.00	\$1,500	
Gazebos					\$30,000.00
Gazebo Structure	EA	2	\$15,000.00	\$30,000	
Disc Golf					\$17,900.00
Clearing and Gubbing	AC	5	\$2,500.00	\$12,500	
Disc Golf Holes	EA	18	\$300.00	\$5,400	
				Subtotal	\$1,253,570.00
Grand Total w/20%Contingency					\$1,504,284.00

***In Lieu of Baseball Field Construction**

<i>DEK hockey Rink/Court (Add Alternate)</i>	LS	1	\$110,000.00	\$110,000	
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Appendix C: Cost Estimates

Chartiers Township

Pine Lawn Plan (Opinion of Probable Cost)

Mackin Engineering Company, Project No#5081

February 2016

Units Quantity Unit Price Cost Subtotal

Conceptual Submission

Playground **\$332,740.00**

Earthwork	LS	1	\$10,000.00	\$10,000
Concrete Curb	LF	160	\$38.00	\$6,080
Concrete Sidewalk	SF	2,770	\$8.00	\$22,160
Playground Structure	EA	1	\$226,000.00	\$226,000
Tot Lot Playground Structure	EA	1	\$29,000.00	\$29,000
Poured in Place Rubber Safety Surface	SF	1,825	\$20.00	\$36,500
6' Park Bench	EA	2	\$1,500.00	\$3,000

Gardens **\$16,540.00**

6' Walking Trail (AASHTO #10 & 2A Subbase)	SY	565	\$16.00	\$9,040
Memorial Garden Plantings	LS	1	\$3,500.00	\$3,500
Perennial Garden Plantings	LS	1	\$1,000.00	\$1,000
Edible Garden Plantings	LS	1	\$1,000.00	\$1,000
Native Garden Plantings	LS	1	\$2,000.00	\$2,000

Outdoor Classroom **\$99,230.00**

Earthwork	LS	1	\$5,000.00	\$5,000
Pavilion	EA	1	\$35,000.00	\$35,000
Permeable Pavers (4.5"x 9")	SF	2,945	\$14.00	\$41,230
MegaChess Board	LS	1	\$3,000.00	\$3,000
Site Furniture	LS	1	\$15,000.00	\$15,000

Sport Courts **\$154,440.00**

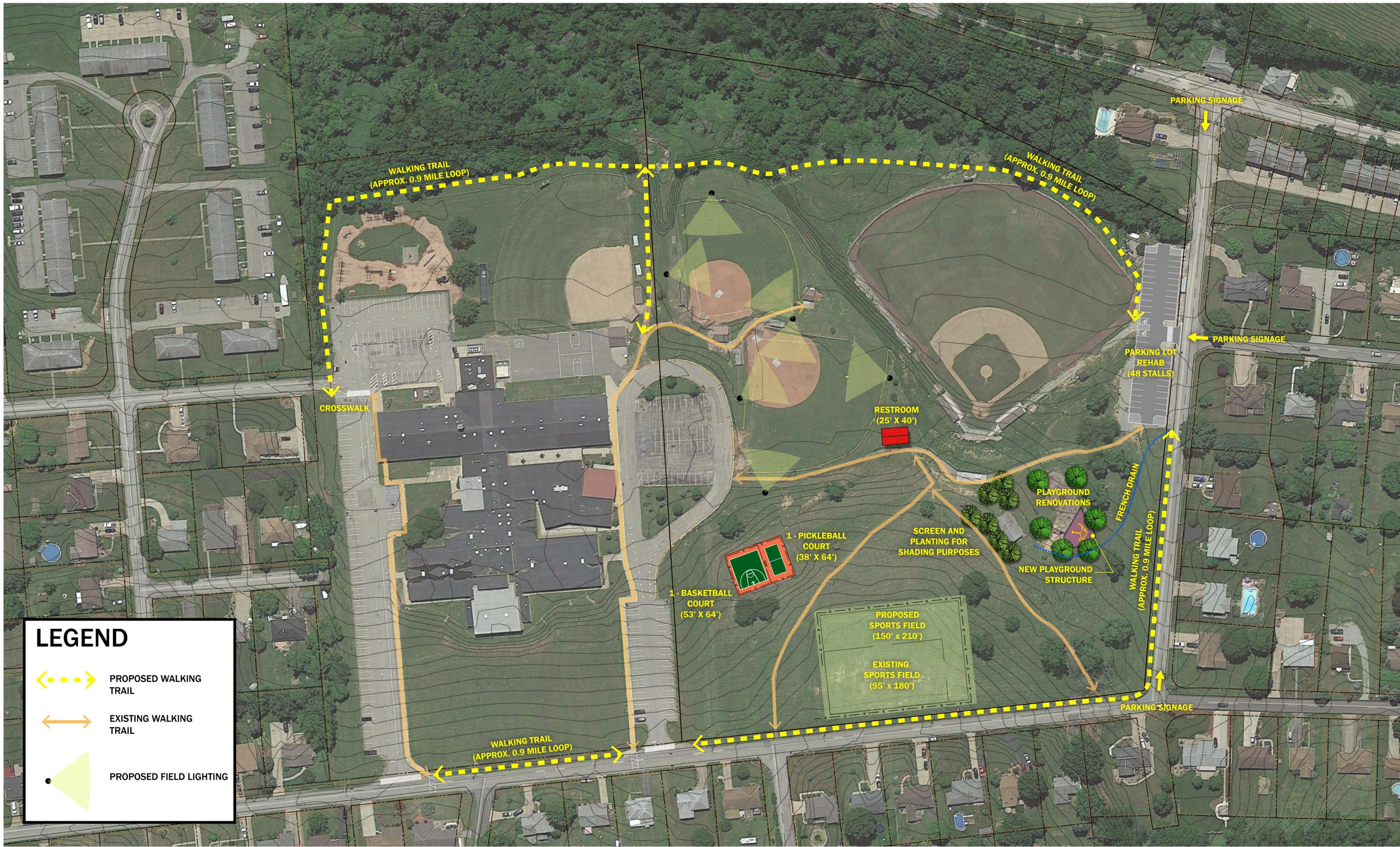
Earthwork	LS	1	\$10,000.00	\$10,000
Concrete Sidewalk	SF	5,230	\$8.00	\$41,840
Standard Duty Asphalt Pavement w/ Stone Base	SY	1,320	\$45.00	\$59,400
Basketball/Tennis Court Color Coating	LS	1	\$15,000.00	\$15,000
10' High Coated Fencing	LF	415	\$40.00	\$16,600
Basketball Posts, Backboard, Rim, & Concrete Footings	EA	2	\$2,800.00	\$5,600
Tennis Net & Posts	EA	1	\$3,000.00	\$3,000
6' Park Bench	EA	2	\$1,500.00	\$3,000

Outdoor Reading Area **\$50,600.00**

Earthwork	LS	1	\$5,000.00	\$5,000
36" Stone Face Seat Wall	LF	320	\$30.00	\$9,600
Permeable Pavers (4.5"x 9")	SF	2,000	\$14.00	\$28,000
Site Furniture	LS	1	\$8,000.00	\$8,000

Appendix C: Cost Estimates

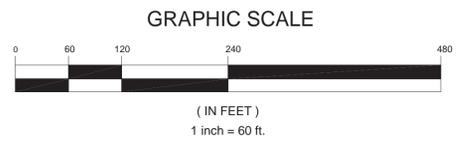
	Units	Quantity	Unit Price	Cost	Subtotal
Parking Lot					\$56,540.00
Mill Existing Surface 3"	LS	1	\$20,000.00	\$20,000	
Wearing Course Standard Duty Asphalt Pavement	SY	1,020	\$12.00	\$12,240	
Asphalt Wedge Curb	LF	385	\$20.00	\$7,700	
Line Striping	LS	1	\$4,000.00	\$4,000	
ADA Parking Signage	EA	2	\$500.00	\$1,000	
Concrete Pad	SF	200	\$8.00	\$1,600	
Bike Rack	EA	2	\$5,000.00	\$10,000	
				Subtotal	\$710,090.00
Grand Total w/20%Contingency					\$852,108.00



LEGEND

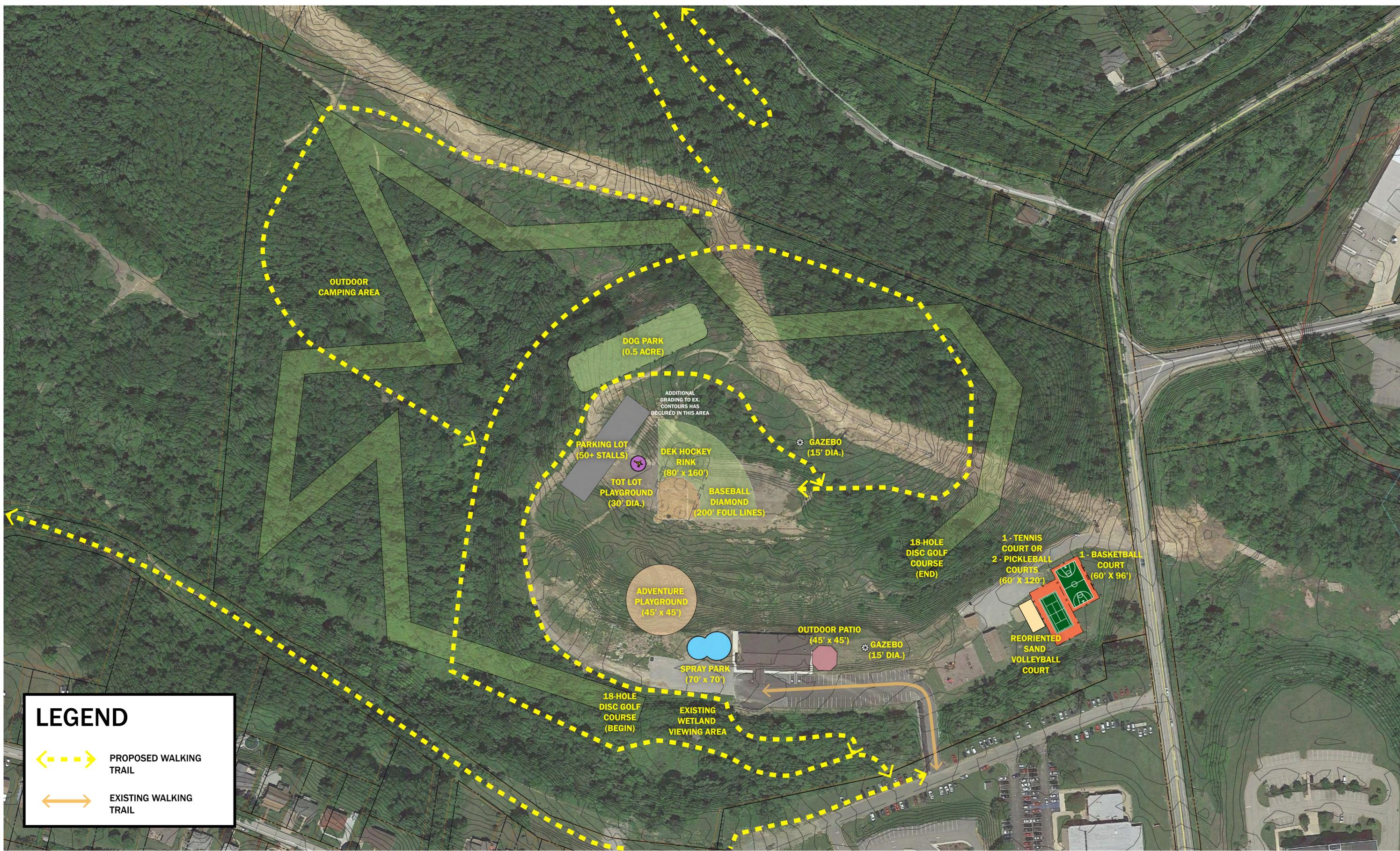
- PROPOSED WALKING TRAIL
- EXISTING WALKING TRAIL
- PROPOSED FIELD LIGHTING

**CHARTIERS TOWNSHIP PARK AND RECREATION PLAN
ALLISON PARK**



Mackin

JANUARY 2016
NORTH

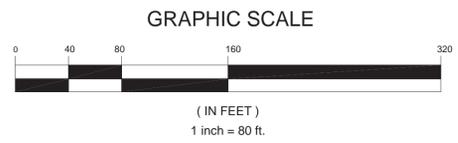


LEGEND

- PROPOSED WALKING TRAIL
- EXISTING WALKING TRAIL

CHARTIERS TOWNSHIP PARK AND RECREATION PLAN

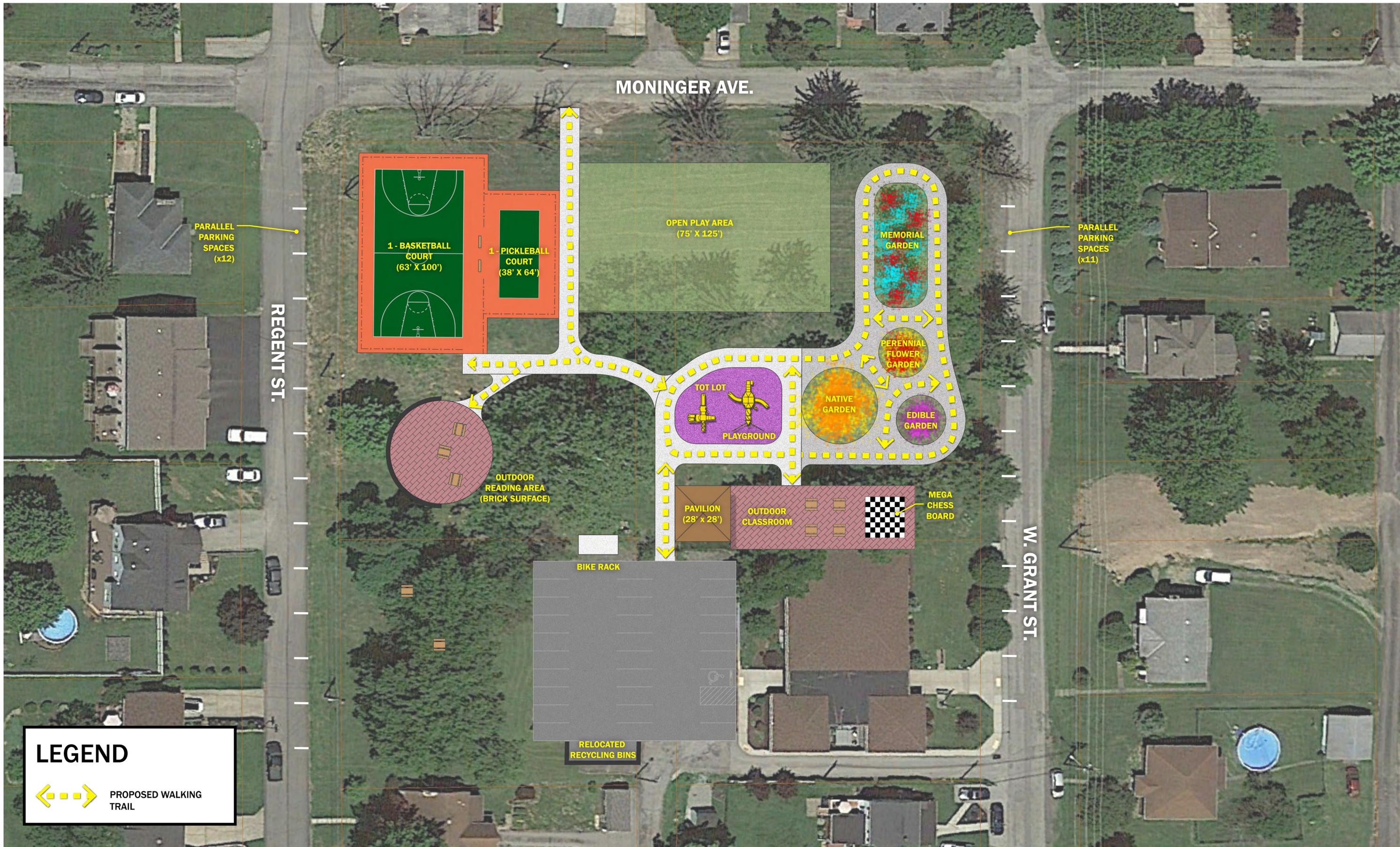
ARNOLD PARK



Mackin

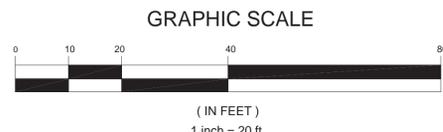
OCTOBER 2015

NORTH



LEGEND

 PROPOSED WALKING TRAIL



**CHARTIERS TOWNSHIP PARK AND RECREATION PLAN
PINE LAWN PARK**

Chartiers Township Board of Supervisors

Parks and Recreation Plan Comments

Many items that were identified in the plan have been addressed or we are in the process of implementing them.

Arnold Park: The Board of Supervisors feels strongly that the critical mass of recreational amenities that exist and have the potential to exist in Arnold Park, make that park the Township priority and focus for capital investment. The plan is a “blueprint” for potential development at Arnold Park. Many of these ideas can be implemented as they currently don’t exist in the Township. The terrain limits some development. The Board feels we can move forward and develop areas within the park, based on improvements made in the last several years. The undeveloped acreage here opens up a variety of possibilities to vastly increase recreational opportunities for the community. With the construction of the Community Center and grading of the ball field, this park has experience momentum and we see a critical mass of recreational focus for the Township. We feel that the Township needs to move this park’s development forward to be the central focus of recreation opportunities for the Township. The parks proximity to the Jr. High/High School complex and its recreational amenities create a synergy that only enhances the confirmation for recreational focus here. Additionally, it is worth noting that the Township is autonomous in its control of this park make development much simpler here and provides a confidence for long term viability.

Allison Parkette: Seems to be a focus of the Parks committee and because of the lack of some amenities that support the ballfields and pavilion, there is some merit in that avenue of thought. However, the fact that this property is leased from the School District and may revert back to them should they require it, causes the Board to be cautious of large scale capital investment of bricks and mortar facilities in this parkette. The potential reclaiming of the land and lack of ultimate control makes investment in capital facilities here more risky. Working with the School District, as the property owner, to direct the development of this parkette is essential to making wise investments. Any amenities developed there should benefit those using the park and to help make the parkette more user friendly. The Board’s initial focus for this park is creation of a trail along the park perimeter as a priority of resident input as well as an investment likely to endure regardless of the future use of the property. The Board recommends working with the School District on a partnership for restrooms at the parkette that would benefit not only park users, but the students and spectators for school athletic events.

Pine Lawn: This park initially needs to be excavated to make it more of a usable open space. Partnering with the library and the School District as stakeholders to develop some areas might help with funding and to optimize use and recreational opportunities. The park should be have more of a neighborhood setting as parking is/will be limited and pedestrian traffic to the park should be encouraged.

Ullom Park: This park can be developed as more of a passive recreation park for things like off road activities, hiking and winter uses. Possibly partnering with the scouts might help to offer funding sources. The Township continues to consider this area a location for a police gun range and making compatible scheduling use of these facilities is crucial to making the park function.

Trails: The trail connecting various areas of the Township is something that will need to be implanted over a period of time in incremental steps as the Township either can acquire easements, require

development installed pedestrian mobility and Township sponsored initiatives. The Township will look at at subdivision regulations to require or encourage new developments to provide pedestrian amenities and connectivity to help bring the trail system to fruition.