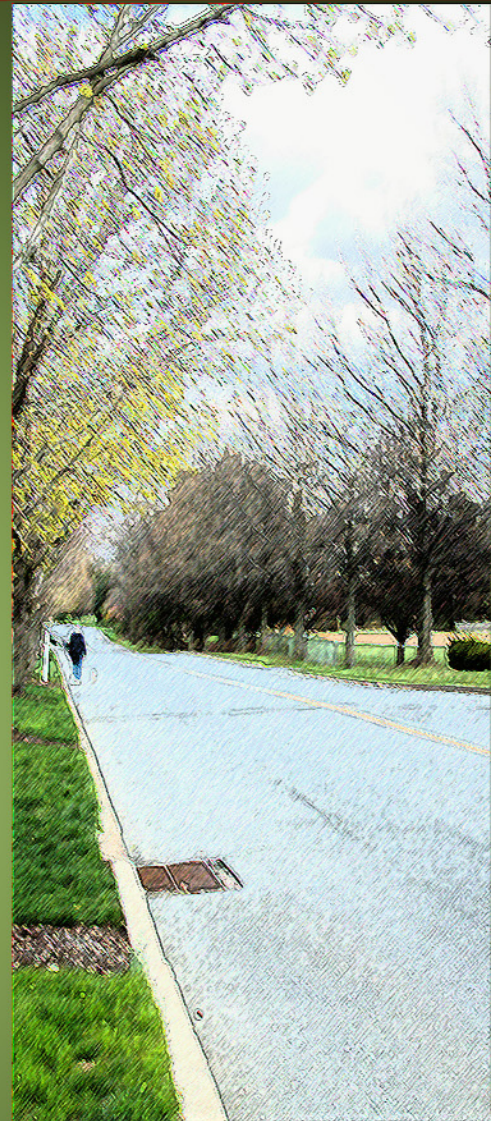


# LINDBERG PARK MASTER PLAN & NEIGHBORHOOD CONNECTIONS STUDY

*Salisbury Township, PA.*



*January 21, 2013*



## ACKNOWLEDGEMENT

# LINDBERG PARK MASTER PLAN & NEIGHBORHOOD CONNECTIONS STUDY

FOR  
SALISBURY TOWNSHIP  
Lehigh County, PA.

JANUARY 21, 2013

PLAN CONSULTANT:  
Urban Research and Development Corporation  
Bethlehem, PA.



A handwritten signature in black ink, appearing to read "Leonard J. Policelli", written over the bottom portion of the professional seal.

*This plan was financed in part by a grant from the  
Community Conservation Partnership Program,  
administered by the  
Pennsylvania Department of Conservation and Natural Resources,  
Bureau of Recreation and Conservation*





*With Special Thanks to:*

*The Salisbury Township Key Study Committee*

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*Bob Agonis*

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*and*

*Randy Soriano, Salisbury Township Manager*



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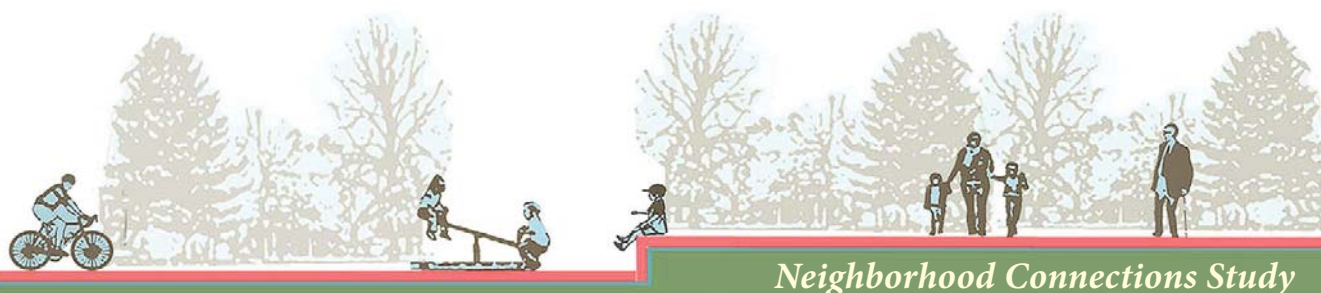
First Public Meeting – Power Point Presentation

Second Public Meeting – Proof of Advertising

Second Public Meeting – Power Point Presentation

Pennsylvania Natural Diversity Inventory

Facility Survey Results and Facility Priority Rating





## EXECUTIVE SUMMARY

Lindberg Park is a neighborhood park in Salisbury Township, Lehigh County, Pennsylvania. The park was built in 1972 during the development of the surrounding land. The park was planted with many trees of a variety of species, which are now mature. These trees are one of the park's most attractive assets.

Current facilities at the park include two parking lots, a playground area with a water sprinkler, a pavilion with rest rooms, a basket ball court, 4 tennis courts, 2 baseball fields, a handball wall, a sand volleyball court, two shuffle boards and a passive, planted garden designed for blind people. The tennis and basketball courts have been renovated recently. Most of the remaining facilities need renovation. It is the desire of the community that the park be brought up to date, with some unused facilities removed and other facilities updated and improved to provide for broader range of community users.

The Master Plan is a result of a funding grant from the Community Conservation Partnership Program, administered by the Pennsylvania Department of Conservation and Natural Resources. The plan was generated using input gathered from monthly meetings with the Master Plan Study Committee, interviews with key individuals identified by the Township, and public meetings. The existing natural features were inventoried and analyzed to determine the opportunities and constraints available at Lindberg Park. One of the major goals of the Master Plan is to provide a walking trail for the residents of Salisbury Township. This trail would include a path joining Lindberg Park with Allentown's popular Lehigh Parkway. There are no sidewalks in this area of the township, so that creating bike and pedestrian paths to connect the neighborhoods and schools to the park will be examined. Overall, the park is in good condition and has a very unique character. This will be preserved and enhanced as much as possible.

The Master Plan recommends Lindberg Park be improved by providing a handicap accessible, perimeter walking trail. This, along with a new interior path network will provide ADA access to all park amenities. This trail will also connect to the Lehigh Parkway on the south end and crosswalks and a bike lane on the north end of the park. The trail will also benefit from additional planting in a property line buffer. Parking areas will be enhanced with drop off areas and pervious pavement. Rain gardens will be added to help direct stormwater to controlled areas to infiltrate back into the ground. The playground will be redesigned and the restrooms will be evaluated for renovation. The baseball fields will receive new fencing, batting cages, and storage shed. The blind garden will be renovated as a tranquility garden. Lastly, repair to the handball wall, relocate the volleyball, and introduce pickle ball.





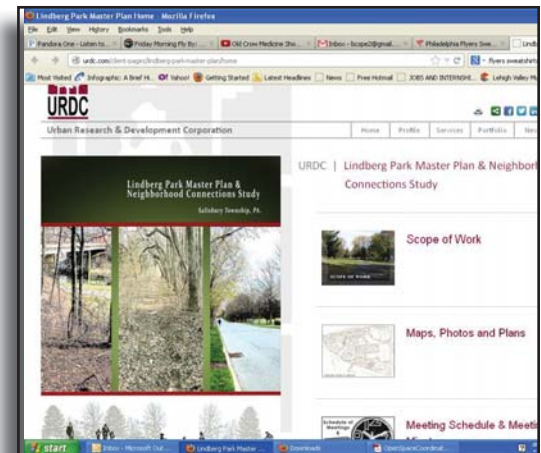
## A. PUBLIC PARTICIPATION

### 1. Study Committee Meetings

A study committee was selected from residents of Salisbury Township who use and are familiar with Lindberg Park, or who are active in Township affairs and are interested in the master plan for Lindberg Park. A meeting schedule was set up with the consultants, a team from Urban Research and Development, aka. URDC. Seven meetings were proposed to be held on the third Monday of each month, coinciding with the regularly scheduled meeting time of the Recreation Advisory Committee. Meetings began on May 21, 2012. The first meeting was held at Lindberg Park. Subsequent meetings were held on June 18, July 23, September 17, October 22, December 10 and January 21, 2013. The meeting place after the May 21 meeting at the park, was the Salisbury Township Municipal Building.

There were no meetings in August or November, at the request of URDC, to give the firm adequate time to prepare for the public meetings held in the months of September and December.

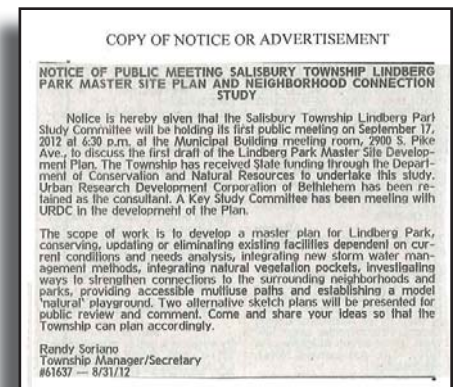
Meeting agendas and minutes were posted on a client web page created by the consultant for the study committee. Meeting Minutes and all materials presented at each committee meeting were posted to the client web page. Committee members were invited to comment and review all posted information.



### 2. Advertised General Public Meetings

There were two advertised public meetings held to gather public information and opinions concerning the proposed renovations to Lindberg Park. These meetings were held on September 17 and December 10, 2012. The meetings were held in the Salisbury Township Municipal Building in the room where the Salisbury Township Board of Commissioners meets. A power point presentation and 24" x 36" drawings were presented by URDC at each public meeting.

The public meetings were attended by members of the board of township commissioners who are on the study committee for Lindberg Park as well as the township manager, Randy Soriano. Copies of the advertisements and proof of advertisement can be found in the appendix at the back this report.

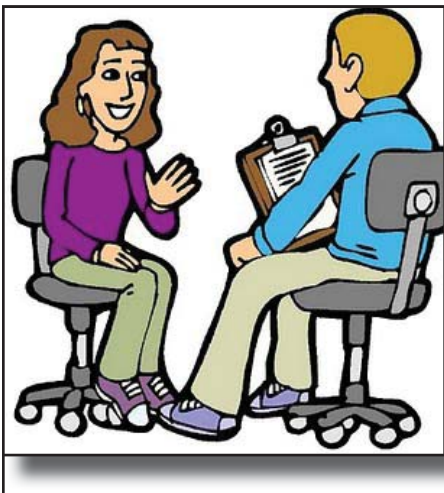




### 3. Other Meetings

During the preparation of the master plan, it was necessary to meet with persons to assist with specific aspects of the plans development which are important to the success of the plan.

URDC met with a traffic consultant to discuss traffic calming on Lindberg Avenue, neighborhood gateway treatments, crosswalk materials and materials available to create the dedicated multi use travel lane proposed for Lindberg Avenue. The traffic consultant attended one of the committee meetings and presented ideas to the committee for their review and comment.



URDC had a lengthy telephone consultation with the Chief of Salisbury Township police, Allan Stiles. This phone consultation provided the consultant with the required procedures the committee would have to follow to have the speed limit on Lindberg Avenue reduced. Chief Stiles and a Salisbury Township traffic officer, Bryan Losagio, both attended the July 23 meeting, where the traffic calming ideas were presented.

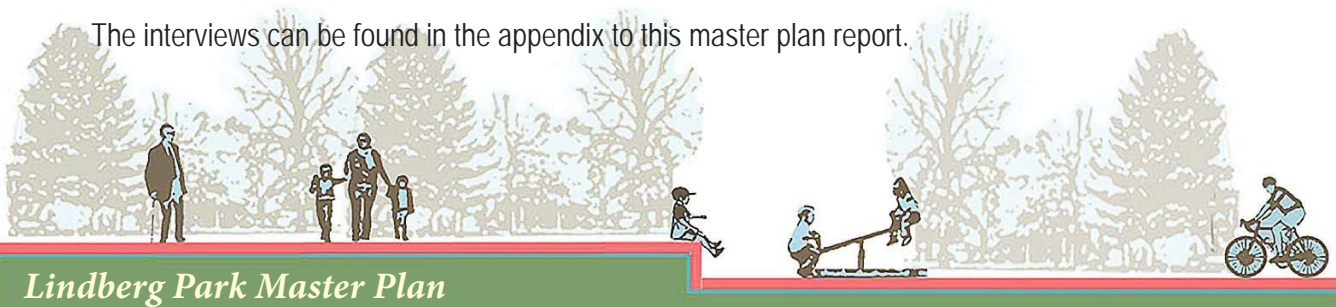
URDC met with Randy Soriano, the township manager, to talk about a grant application the township wanted to prepare to request grant funding from Lehigh Counties Green Futures Fund. This grant money would be used as a match for a DCNR grant, to be written in the spring of 2013, to fund the development of the first phase of Lindberg Park. URDC assisted the township in preparing the county grant and spoke with DCNR by phone concerning Salisbury Townships plans for the first phase of development.

URDC met with Randy Soriano and John Andreas, Salisbury Townships Director of Public Works, concerning maintenance at Lindberg Park and the costs associated with scheduled maintenance. They also discussed equipment available to perform various tasks and manpower during the maintenance intensive summer months. Maintenance and park improvement budgeting was discussed at this meeting also. The findings from that meeting are integrated within Section H of this master plan report.

### 4. Key Person Interviews

Key person interviews were held during the day on May 31, 2012. Some were held at the Salisbury Township Municipal Building, and two were held at the work places of the persons being interviewed. In total, eight persons were interviewed. The interviews were posted to the client's web page for review.

The interviews can be found in the appendix to this master plan report.





## B. BACKGROUND INFORMATION AND DATA

### 1. Population, Size, Character, and Geographic Location

#### a. Population

Salisbury Township is home to 13,505 Pennsylvanians (2010 census.) The community of Salisbury Township surrounding Lindberg Park can be described in the following ways:

- The average household size is 2.47.
- 84.7% of all housing units are owner-occupied, with 15.4% occupied by renters.
- Each age group is well represented in the population of Salisbury Township.
  - 21.1% of the population is under the age of 19
  - 14.2% of the population is between the ages of 20 and 34
  - 29.2% of the population is between the ages of 35 and 54
  - 15.4% of the population is between the ages of 55 and 64
  - 20.0% of the population is age 65 and older.
- The median household income was \$52,935.00. The per capita income was \$28,073.00. 2.7% of the population lives below the poverty line.
- The population of Salisbury Township has not significantly increased or decreased from the year 2000 to the year of the latest census, 2010.





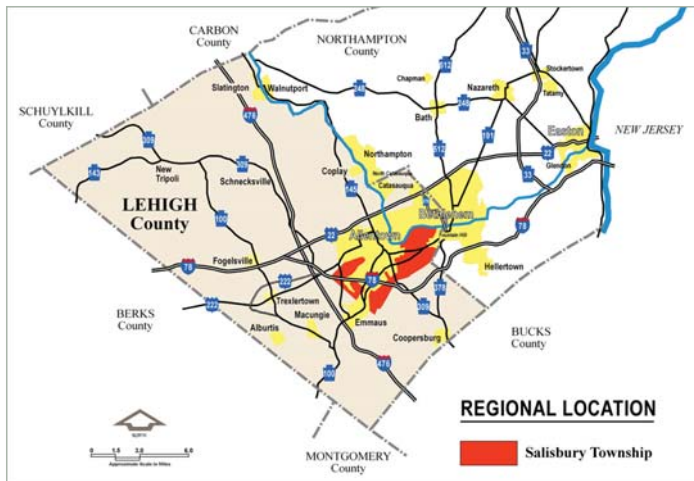
### b. Size

Salisbury Township is a suburban land area of 11.1 square miles, located in northeastern Pennsylvania, in central Lehigh County. Lindberg Park is approximately 20 acres in size.

### c. Character

Lindberg Park lies on a hill above the City of Allentown's Little Lehigh Parkway. The Little Lehigh Parkway is a popular destination for walking, fishing, biking, and picnicking.

Salisbury Township is comprised of two disconnected land areas due to annexations of its lands in the early 1900's by the City of Allentown and the Borough of Emmaus. Lindberg Park is located in the western part of Salisbury Township. The western part of the township is further bisected by Interstate 78 and by State Route 29, a local arterial highway. The area of Salisbury Township where Lindberg Park lies, is comprised predominately of residential properties, recreation and open space land, schools and community facilities.



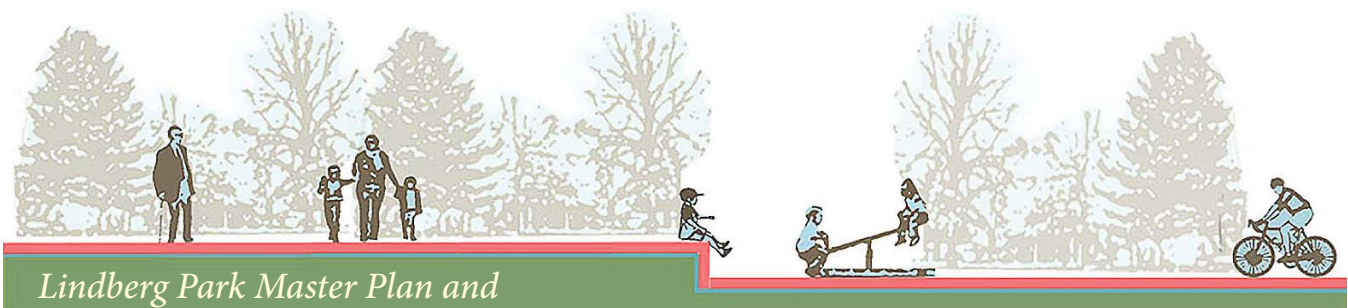
### d. Geographic Location

The Lehigh Valley is a moderately hilly land area, surrounded by Blue Mountain, South Mountain, and Lehigh Mountain. Steep slopes can be found along streams and rivers. Pockets of forest and farmland can be seen throughout the area, but are threatened by increasing development.

The Lehigh Valley area is home to three medium to small cities, with expanding suburban neighborhoods and shopping areas. The three cities; Easton, Allentown and Bethlehem are the urban centers in the Lehigh

Valley. Salisbury Township shares borders with the City of Allentown, and the Boroughs of Emmaus and Fountain Hill.

Interstate 78 passes through Salisbury Township from east to west. It connects with Interstate 33 to the east of Salisbury Township, creating easy access for residents of the area to and from New York City and New Jersey. The Pennsylvania Turnpike's Lehigh Valley access, carrying travelers to Philadelphia and Interstate 95 South is a short distance from Salisbury Township.





## 2. Natural Resources at Lindberg Park

### a. Existing Trees and Plants

There is a large inventory of existing trees at Lindberg Park. These were planted during the creation of the park in 1972 and can be found on the original development plan for the park. The condition of some of the trees is deteriorating, due to age, disease, an early snowstorm in 2011 and overcrowding. It will be part of the intention of this Master Plan to identify which trees should be removed and which should be preserved.



The Salisbury Township Natural Resource Inventory found no invasive species at the park. The borders of the park were planted with shade trees and evergreens at the direction of the original master plan. Unidentified plant material has encroached underneath the trees along the border to a depth of 10' to 15' on the south and east property lines of the park. Other trees have matured into groups or groves, providing dense shade underneath which nothing will grow and bare soil is visible, compacted, and eroding. The home owners sharing the property line on the east side of the park have a 30' scenic protection easement on their properties where they are prohibited from building or clearing the existing vegetation. It will be part of the intention of this Master Plan to determine how to treat the property line plantings.



### b. Soils

There is one soil type in the park: Urban Land Duffield Complex (UmB.) Duffield Silt Loam 3-8% is well drained, moderately eroded. The underlying geology is Allentown Dolomite. Erosion is evident in areas where the shade cover of the existing trees provides little or no light to the under story, and lawn will not grow. It will be part of the intention of this Master Plan to determine how to prevent further erosion and compaction in these areas under the mature trees.





### c. Watershed and Stormwater BMP's



The majority of storm water from the park drains to Lindberg Road. Lindberg Road has inlets along the curbs. Down slope from Lindberg Park lies the Little Lehigh Creek. The Little Lehigh Park is a popular trout fishing destination, stocked with trout from the fish hatchery adjacent to the Little Lehigh Creek. The Department of Environmental Protection has classified the waters of the Little Lehigh Creek as a High Quality Cold Water Fishery. (HQ-CWF).

There are no stormwater Best Management Practices in place at the park. At the time of the development of the park, anticipated storm water was channeled to Lindberg Avenue by means of a swale that is still in evidence at the park. The swale is sloped at 1% or less for the most part, and it undulates with high and low spots along it's length, so water does sit in small pools after rain events. These pools do not interfere with the facilities or circulation, so they are not a concern to the community or maintenance personnel in charge of the park.

Any improvements to the park will require the addition of Best Management Practices to keep and treat storm water runoff on the park's land, and to alleviate the storm water puddles on the site.

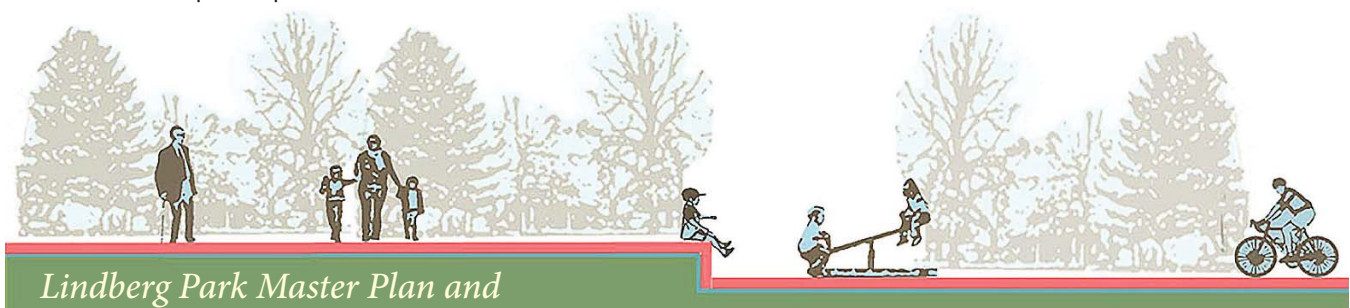
### d. Environmentally Protected Areas



Environmentally protected lands in Salisbury Township include parks, lands preserved by Wildlands Conservancy, and properties with Forest Stewardship Plans. A Natural Resource Inventory completed by the Lehigh County Conservation District for Salisbury Township noted the diversity of mature trees at Lindberg Park.

Forest Stewardship Plans are in effect for property adjacent to the Robert Rodale Reserve, and property adjacent to Gauff Hill. Rodale Reserve and Gauff Hill are unique natural areas in the larger eastern part of Salisbury Township. Major arterial roadways physically disconnect these resources from the western part of the township and Lindberg Park, at least for residents who would walk or bike to access them.

The map inserted at the end of this section, titled "Natural Features Composite", is copied from the Salisbury Township Comprehensive Plan - 2012.





### 3. Surrounding Park and Open Space System

#### a. Parks and Open Space Lands in Salisbury Township

Salisbury Township has doubled the recreational opportunities available to its residents in the past 2 decades through co-operative efforts with Wildlands Conservancy and neighboring municipalities. The Township currently owns and maintains approximately 1854.36 acres of public recreation land, offering both active and passive recreation. Most recently, large tracts on South Mountain, Lehigh Mountain and Allentown's Lehigh Parkway have been preserved as passive recreation areas through the combined efforts of Salisbury Township, PADCNr, Wildlands Conservancy, and the City of Allentown.

The following table provides a list of Salisbury Township's current park and open space holdings:



PARK NAME	USE	SIZE IN ACRES	OWNERSHIP
Berger Park	Active	0.24	Public
Buehler Park	Passive	36.69	Public
Cedar Crest Gardens	Active	3.15	Public
Devonshire Park	Active	13.12	Public
Dodson Park	Active	2.83	Public
Emmaus Borough Open Space	Active	19.89	Shared Public
Franco Farm Recreation Area	Active & Passive	87.78	Public
Green Acres Park	Active & Passive	2.88	Public
Truman School Recreation Area	Active	4.42	Public
Klines Lane Athletic Field	Active	22.99	Public
Laubach Park	Active & Passive	14.23	Public
Lindberg Park	Active & Passive	19.76	Public
Little Lehigh Parkway	Passive	18.95	Shared Public
Louise Lane Park	Active	0.93	Public
River Road Playground	Passive	0.63	Public
South Mountain Preserve	Passive	321.83	Shared Public
Robert Rodale Reserve	Passive	481.67	Shared Public
Salisbury School District Recreation	Active	16.07	Public
South Mountain Big Rock Park	Passive	55.71	Public
South Mountain Reservoir	Passive	115.35	Public
Lehigh Mountain/Walking Purchase	Passive	603.61	Shared Public

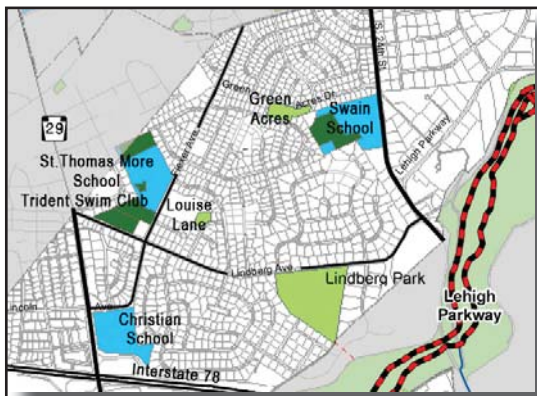




### b. Existing Recreation Areas in Western Salisbury Township

Lindberg Park is located in the western part of Salisbury Township. The following table lists the recreational facilities, both public and private, that are also located in Western Salisbury Township:

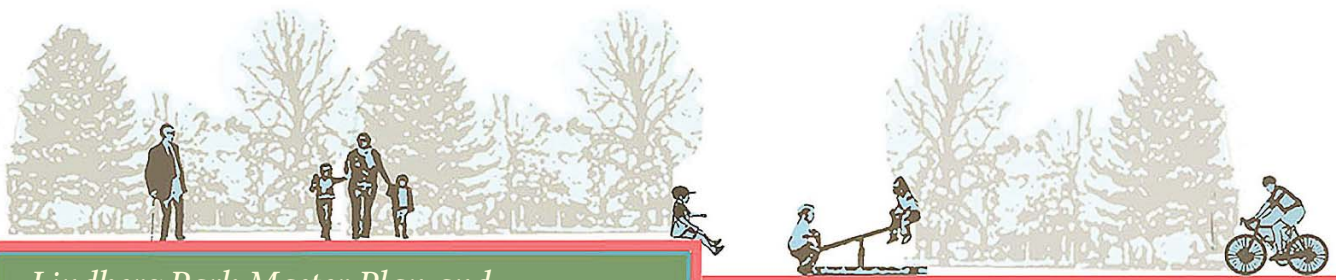
<b>Berger Street Park</b>	Active & Passive	.24 Acres	Public
<b>Boots &amp; Saddles Riding Club</b>	Active & Passive	60.99 Acres	Private
<b>Cedar Crest Gardens</b>	Active & Passive	3.15 Acres	Public
<b>Devonshire Park</b>	Active & Passive	13.12 Acres	Public
<b>Green Acres Park</b>	Active & Passive	2.88 Acres	Public
<b>Lehigh Country Club</b>	Active & Passive	251.30 Acres	Private
<b>Lindberg Park</b>	Active & Passive	19.80 Acres	Public
<b>Louise Lane Park</b>	Active & Passive	.93 Acres	Public
<b>St. Thomas More Recreation Area</b>	Active & Passive	3.32 Acres	Private
<b>Swain School Recreation Area</b>	Active & Passive	5.26 Acres	Private
<b>Trident Swim Club</b>	Active	2.98 Acres	Private
<b>Salisbury Middle School Recreation Area</b>	Active & Passive	16.07 Acres	Public



### 4. How Lindberg Park fits into the Salisbury Township Park System

Lindberg Park is the only public neighborhood park serving this heavily residential area of Western Salisbury Township. This makes Lindberg Park an important and well utilized neighborhood park. The 19.8 acre park includes both active and passive features to accommodate a diverse group of users. The summer playground program hosted each year by Salisbury Townships Recreation Department enrolls more children at Lindberg Park than at other parks in the township.

As can be seen in the map on this page, access to recreational facilities in this neighborhood is limiting due to the existing transportation network surrounding the neighborhood. Interstate 78, arterial collectors South 24<sup>th</sup> Street and Cedar Crest Boulevard (SR 29), and neighborhood collectors Lindberg Avenue and Flexer Avenue separate this residential neighborhood from facilities in other parts of the township. Pedestrian and bicycle travel are made more difficult by the fact that there are no sidewalks or bicycle lanes in this area of the township.





Lindberg Park is the only park in western Salisbury Township that is close enough to Allentown's Little Lehigh Greenway which would allow a connection for pedestrians and cyclists to get to the parkway without using roadways. There is an existing 365' by 15' easement extending from the southeast corner of Lindberg Park ending at the municipal border with the City of Allentown, and the Little Lehigh Parkway, a priority destination for residents throughout the Lehigh Valley. A goal of this master plan will be the recommendation that the easement be permanently recorded so that this trail connection can be developed.

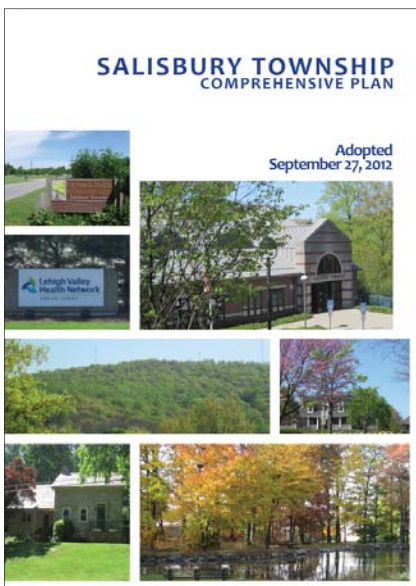
Lindberg Park's facilities include a 2.5-acre fenced in playground area with 2 play units, several freestanding pieces of play equipment, room to run and an overhead spray fountain. It is the largest playground area in western Salisbury Township, and the only one with a water feature. Private daycare programs bring vans full of children to use the playground during the year. The rest of the park features one full size and one little league baseball field used in spring and fall by municipal youth baseball leagues. The 2 basketball courts are well maintained and used heavily. Four tennis courts are also well maintained, and used regularly by a senior tennis league and summer playground. A tennis practice wall, shuffleboard courts, a new sand volleyball court see less frequent use. One of the most unique features of Lindberg Park is the lawn area shaded by mature trees. A picnic pavilion with restrooms is booked nearly every summer weekend which provides some income for the township to offset maintenance costs. A former fragrance/blind garden area with benches and a picnic table that is used by residents for quiet strolls, reading and small picnics. Two memorials have been dedicated to township residents and are located in the park.

The map at the end of this section titled "Existing Recreation Resources and Connections," illustrates available recreation in the western part of Salisbury Township, and more importantly, shows existing and proposed trail connections from Salisbury Township if Lindberg Park were to connect to this trail network via the Little Lehigh Greenway.



## 5. Existing Community Planning

- a. *Salisbury Township Recreation and Open Space Plan (2005)* recommends the re-creation of a master plan for Lindberg Park to update and add facilities. Residents surveyed during the writing of the Open Space Plan were in favor of providing additional venues for neighborhood residents of all ages. Residents felt there are plenty of activities for children ages 5-18, but older residents expressed an interest in more walking paths. Dog owners expressed an interest in being able to walk and run their dogs at Lindberg Park.
- b. *Salisbury Township Comprehensive Plan (2012)* recommends using the 2005 Parks, Recreation and Open Space Plan to help guide park, recreation and open space improvements. The 2012 comprehensive plan recommends the following actions for Parks, Recreation and Open Space:



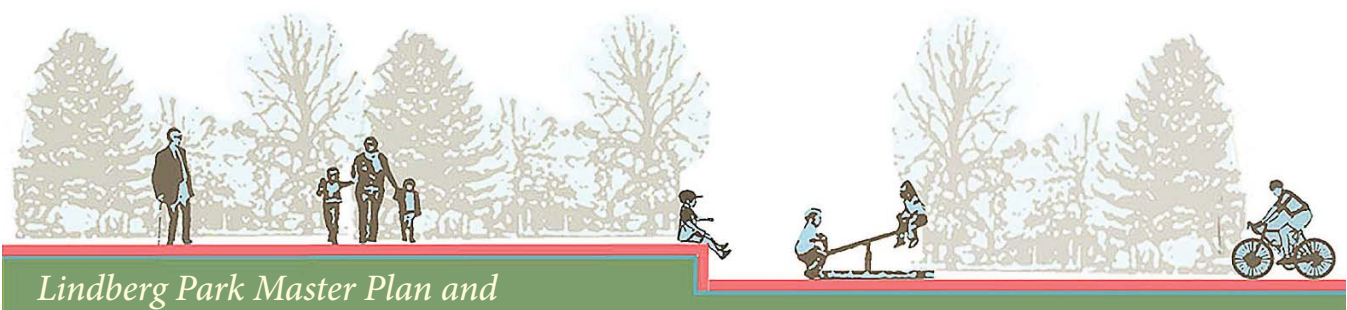
- Explore additional recreational programs that could be provided to serve all age groups.
- Use the Salisbury Township Recreation Advisory Committee to provide input on needed park improvements and recreational programs.
- Incorporate PA DCNR's Top 10 Best Green/Sustainable Practices when applicable in the redevelopment of the parks in the township.

Community Development and Revitalization goals include "establish pathways and connections to parks, schools and other key activity nodes." Recommended actions to accomplish this goal include:

- Prepare a pathways plan using a variety of different forms of pathways, bike lanes and informal walkways
- Provide connections between existing community facilities. The link between Lindberg Park and the Lehigh Parkway is specifically mentioned.

- c. *Lehigh Valley Comprehensive Plan (2030)* states the following goal for all municipalities:

"Provide and maintain adequate space and facilities to meet the recreation needs of Lehigh Valley residents," further stating that current recreation activity trends and local demographics should be studied when planning new recreation facilities and programs, including meeting the needs of the handicapped.





Implementation actions of the Lehigh Valley Comprehensive Plan include:

- Prepare and implement park and recreation plans
- Encourage private sector participation in development of park and recreation areas
- Commit the financial resources and efforts needed to maintain existing recreation facilities
- Take advantage of grant programs.

## d. Salisbury Township Natural Resource Inventory

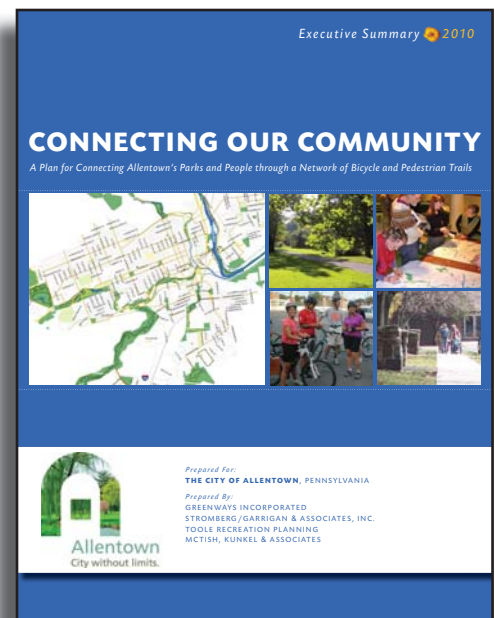
This report was a joint effort of the Lehigh Valley Conservation District and Salisbury Township. The report noted the large inventory of existing trees at Lindberg Park and recommended the identification of these existing trees. There were no invasive species found at the park. The report recommended transforming some of the large lawn areas into wildflower meadows.

## e. Connecting Our Community – City of Allentown (2010)

This plan was written to enhance connections to venues both within the city of Allentown and to nearby communities through a network of bicycle and pedestrian trails. The manager of Salisbury was on the steering committee that provided direction for the plan. Like Allentown, Salisbury townships recreation venues are disconnected.

A connection from Lindberg Park to Allentowns system, by way of the Little Lehigh Greenway, would provide access for residents in this isolated neighborhood in Salisbury Township, to a multi-county network of trails, bicycle and pedestrian routes.

The attached map illustrates the trail system in Allentown, Salisbury Township and surrounding municipalities.



## 6. Public Participation

### a. Key Study Committee

This group of active involved individuals was asked to participate in the master plan process by forming a Key Study Committee and to participate in monthly meetings, surveys and questionnaires. Meetings were well attended and lively discussions would often result in meetings longer than the 2 hour allotted time. Meeting Minutes are attached in the appendix of this report.



### b. Key Person Interviews

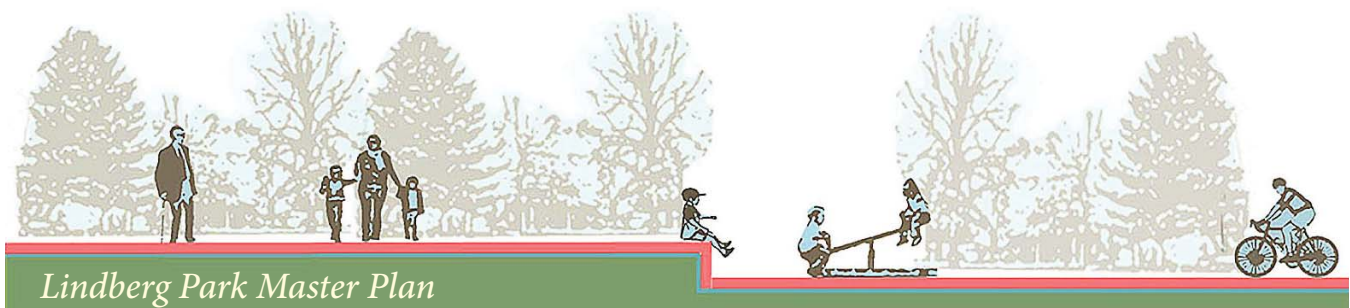
Eight persons with knowledge of the park and the community were interviewed. The results are attached in the appendix of this report.

### c. Public Meetings

There were 2 public meetings held to gather public opinions in support of the updating of Lindberg Park. Notes and photos from the public meetings are attached in the appendix of this report.

### d. Client Web Page

A web site was set up for the Key Study Committee to access the plan, meeting minutes, upcoming meeting agenda and other information relevant to the project. Committee members could email comment to the consultant with regard to Draft Plan Sections, sketches and survey results.



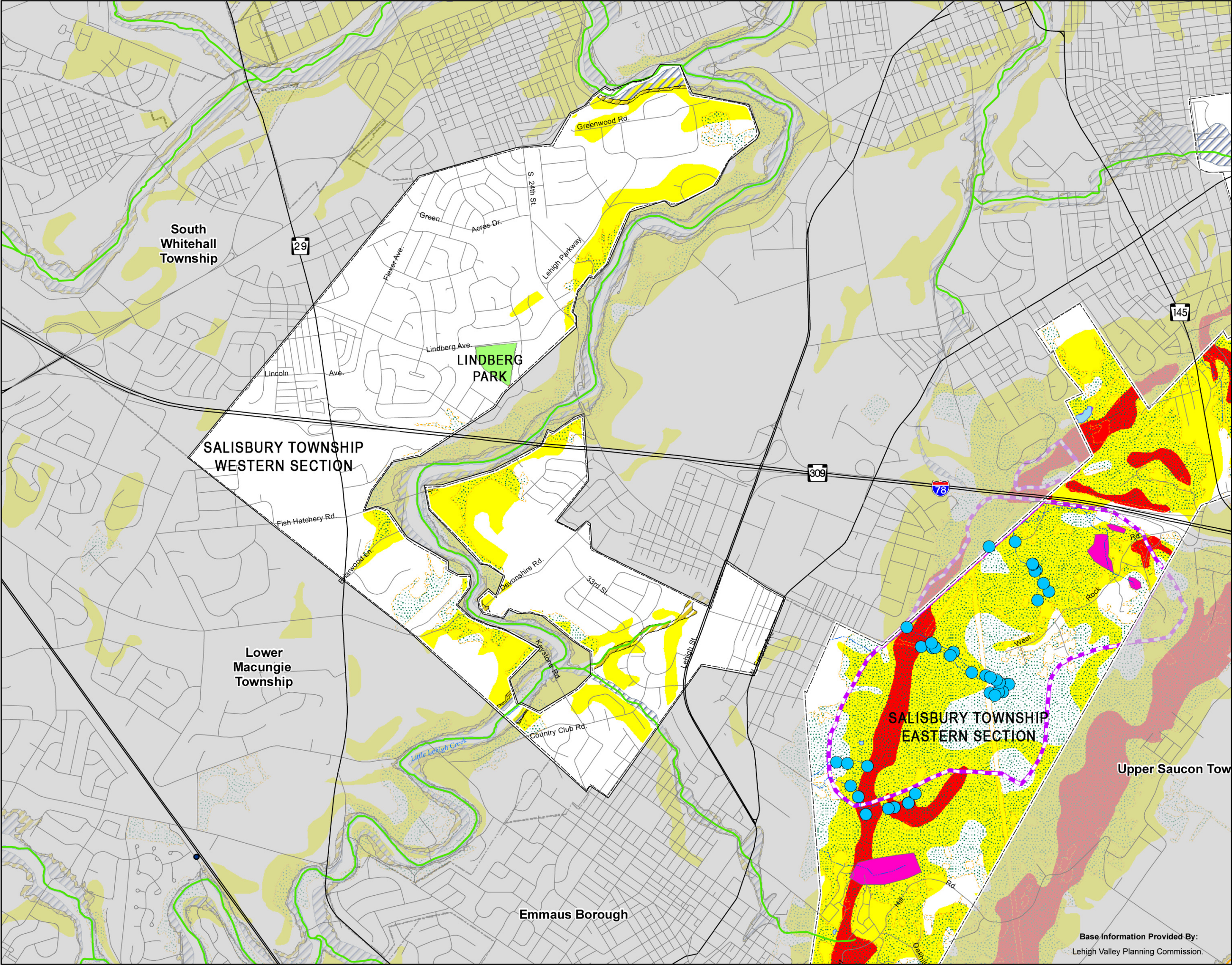
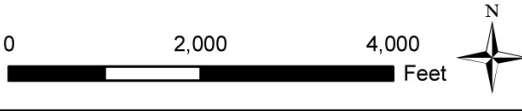


Lindberg Park Master Plan & Neighborhood Connections Study

Natural Features Composite

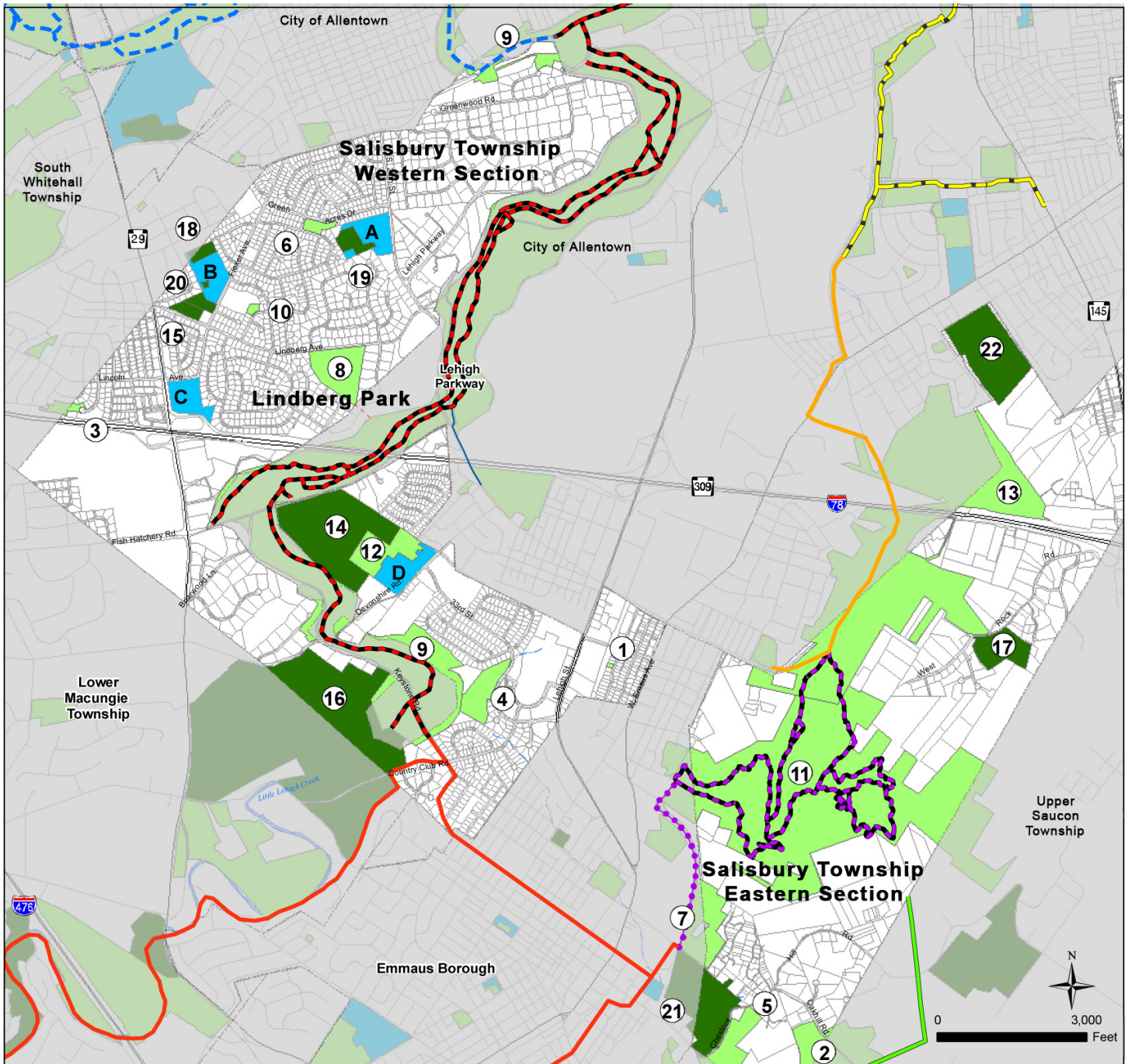
- Stream Quality**
- Cold Water Fishery
  - High-Quality - Cold Water Fishery
  - Tributaries\*
- 100-Year Floodplain
- 500-Year Floodplain
- Wetlands
- Seeps & Springs
- Predicted Seeps & Springs\*
- SLOPE**
- 12 - 25%
  - 25% and greater
- Woodlands
- Natural Areas

\* Note: Mapping was provided by the Lehigh County Conservation District





# EXISTING RECREATION RESOURCES AND CONNECTIONS Western Salisbury Township and Surrounding Area



## Existing Recreation & Schools in Salisbury Township

### Public Recreation

1. Berger Street Park
2. Buehler Properties
3. Cedar Crest Gardens
4. Devonshire Park
5. Emmaus Borough Open Space
6. Green Acres Park
7. Klines Lane Athletic Field and Open Space
8. Lindberg Park
9. Little Lehigh Parkway
10. Louise Lane Park
11. Robert Rodale Reserve
12. Salisbury Middle School & West Salisbury Elementary Recreational Area
13. South Mountain Reservoir

### Private Recreation

14. Boots & Saddle Riding Club
15. Christ Methodist Church Ballfield
16. Lehigh Country Club
17. Mountain House Girl Scout Camp
18. Saint Thomas More School Recreational Area
19. The Swain School Recreational Area
20. Trident Swim Club
21. Unami Fish & Game Commission
22. Waldheim Park

### Schools

- A. The Swain School
- B. Saint Thomas Moore School
- C. Lehigh Christian Academy
- D. Salisbury Middle School & West Salisbury Elementary

## Lehigh Valley Trail Network

- Blue line: Cedar Creek Trail
- Red line: Little Lehigh Parkway Path
- Green line: Saucon Region Trail Network
- Purple line: South Mountain Gateway Trail
- Black line: South Mountain Preserve Trails
- Orange line: Southwestern Lehigh County Trail Network
- Yellow line: Trout Creek Parkway Trail
- Orange line: Trout Creek Parkway to Robert Rodale Reserve Trail



**Urban Research & Development Corporation**  
URDC 28 West Broad Street Bethlehem, Pennsylvania 18018 610-865-0701



## C. SITE INFORMATION AND ANALYSIS

### 1. Introduction to and Description of the Site

#### a. The History of Lindberg Park

The parcel that is today Lindberg Park was originally farm land, prior to the development of the surrounding homes beginning in the 1960's. The original survey for the park, completed in 1966, stated, "Lindberg Park is an 18.2-acre tract of land situated on the south side of Lindberg Avenue in the Fourth Ward of Salisbury Township Lehigh County to be acquired by the Township of Salisbury for park and recreation purposes." Lehigh County records today indicate Lindberg Park to be 19.76 Acres.

A master plan for the park was prepared in 1971 by the landscape architecture firm of Wheelwright, Stevenson and Langran, of Philadelphia. The site was developed as a park in 1972 with construction drawings prepared by the same firm. Not all of the features shown on the original master plan were built in 1972. What was built is seen on the site today; a concrete block pavilion with interior restrooms, an 8' wide bituminous service road bisecting the park, half of the proposed parking, tennis and basketball courts, a handball wall, shuffleboard courts, fencing around the playground area, a spray head in the playground area, water fountains, a blind garden, shrubs and hundreds of trees. The playground is an expansive area, 2.5 acres in size and surrounded by aluminum chain link fencing. The pavilion, former blind garden area, and many of the playground pieces are now 40 years old and have seen no major renovations.



Improvements over the years have included tennis and basketball court re-surfacing, expanded parking for the Lindberg Avenue parking lot, additional chain link fencing to separate uses, two modular playground units were installed, two memorials were dedicated, a flagpole was installed, and a Little League baseball field was constructed. The site today could be described as a busy neighborhood park, covered by mature trees.

## b. Physical Features Description

- Surrounding Neighborhood and Zoning



Lindberg Park is a single parcel zoned Public Recreation and Open Space, and surrounded by medium and low density residential housing on all sides. Three private schools are located within one mile of the park; St. Thomas More, Lehigh Christian Academy and The Swain School.

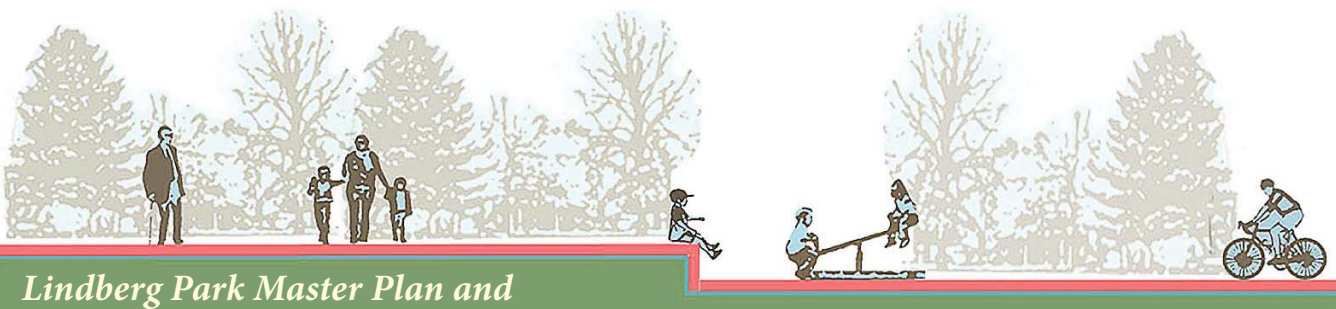
The municipal boundary between the City of Allentown and Salisbury Township lies 450' to the south-east of the southern most tip of Lindberg Park. The City of Allentown's most popular recreational venue, Lehigh Parkway, is on the other side of that municipal border line. On the eastern side of Lindberg Park a 30' scenic protection easement was created to protect the scenic beauty of the park. Adjacent homeowners are restricted from building within the scenic protection easement. There is a 450' long and 15' wide easement, owned by Salisbury Township, bounded by the south-eastern tip of Lindberg Park and the municipal border of the City of Allentown. A footpath within the easement indicates that residents use the easement to access Lehigh Parkway from Lindberg Park.



- Access

Primary access to Lindberg Park is on Lindberg Avenue by automobile. Residents also bike to the park, although park rules prohibit bicycles in the park. There is a second smaller parking lot at the southern end of the park, but it is difficult to find if one is not familiar with the neighborhood.

There are no sidewalks in the neighborhoods surrounding Lindberg Park, and the streets are curbed, making walking difficult and dangerous. Residents can be seen walking across lawns or in the streets near the park. There are two intersections within 500 feet of Lindberg Park leading





in to the surrounding neighborhood. The cart way on Lindberg Avenue is 30' wide and the blocks are long, but there are no crosswalks to keep pedestrians safe crossing to Lindberg Park. The speed limit on Lindberg Avenue is 35 MPH and residents say cars travel too fast.

There have been limited attempts to provide an inclusive experience for handicapped users at the park. A handicapped person can access the park by vehicle. There are parking spaces designated for handicapped users, and the lack of curbing in the park allows a handicapped person to navigate from the parking area to the pavilion. Rest rooms and the playground area are not ADA accessible, although one of the new pieces is designed for inclusive play.

- Circulation

Circulation through the park for maintenance vehicles and visitors is on an 8' wide bituminous path that connects the southern and northern parking areas bisecting the park. There is a bituminous path to the pavilion from the Lindberg Avenue Parking lot, and short paths from the 8' spine to the tennis courts and to the former blind garden area. Park users walk across the lawn to access the base ball fields, the basketball courts and the handball wall. The playground is open lawn with equipment scattered about.



- Utilities

Water, electricity and sanitary sewage lines service the site.

- Storm water

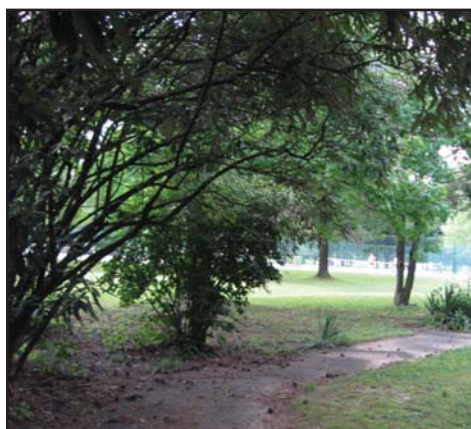
Lindberg Road is curbed with inlets to channel storm water to the Little Lehigh Creek Watershed. All storm water from Lindberg Park sheet flows out to Lindberg Road. There is a swale on the original master plan, designed to carry water off the site. The swale can be seen in the park, but the grades are too shallow to allow water to flow, there are many high and low points along its' length, so it currently serves as an infiltration swale.



### c. Natural Features Description

- Topography and Soils

The topography of the site is flat, sloping from south west to north east. 95% of the site has grades of less than 5%. There is one soil in the park, UmB, or Urban Land Duffield Complex. This soil is well drained, easily erodable, and is found on shallow slopes. The underlying geology is Allentown Dolomite.



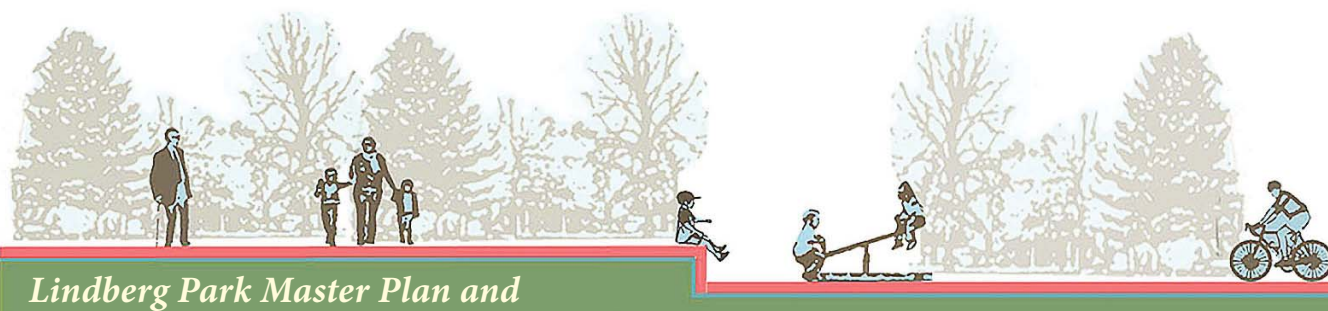
- Vegetation

The park was heavily planted with shade trees and evergreens during the original construction. The majority of the shade trees can be located using the original planting plan, they are alive and thriving. Species include Liquidambar, Tilia, Gleditsia, Fraxinus, Acer and Quercus. Many of the evergreens and shrubs are in decline, due to the dense shade of the specimen trees. Areas that were originally lawn, now underneath and around shade trees in the park, no longer support healthy turf grass due to the dense shade. Bare soil and compaction are seen in these areas. Along the southern and eastern property lines, the tree buffer area has been left as a 15' to 20' deep buffer of unmanaged vegetation. A survey of the current vegetation in the park provided by a group of college students found the border between the lots on Fairfield Drive and the eastern end of the park has numerous invasive plant species and trees in poor condition. Poison ivy, forsythia and invasive honeysuckle were found along the fence separating the playground area from the basketball courts. Several shade trees were damaged in a snowstorm in 2011. Some have been cut down to the stump and others have not been correctively pruned or cut down.



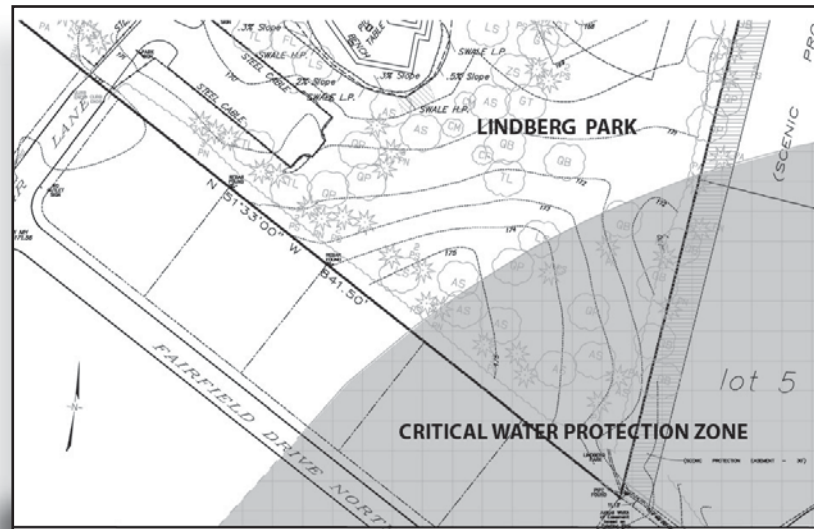
- Watershed

There are no water bodies, streams or wetlands on the site. The park property sits above the Lehigh Parkway, to the south east. Beyond the municipal border in Allentown, the grade drops steeply down to the Little Lehigh Creek floodplain. Storm water from the park drains into the Little Lehigh Creek Watershed. The Little Lehigh Creek, designated as a High Quality Cold Water Fishery (HQ-CWF), is a popular fishing destination in the Lehigh Valley. The Little Lehigh Creek was nominated as a Critical Water Planning Area in 2009 by the PA Department of Environmental





Protection, which recommended continuing review and evaluation for this watershed. The City of Allentown draws water from the Little Lehigh Creek, and has created a Source Water Protection Zone surrounding the creek. The southern most tip of Lindberg Park, 1.11 acres, lies within Allentown's water protection zone.



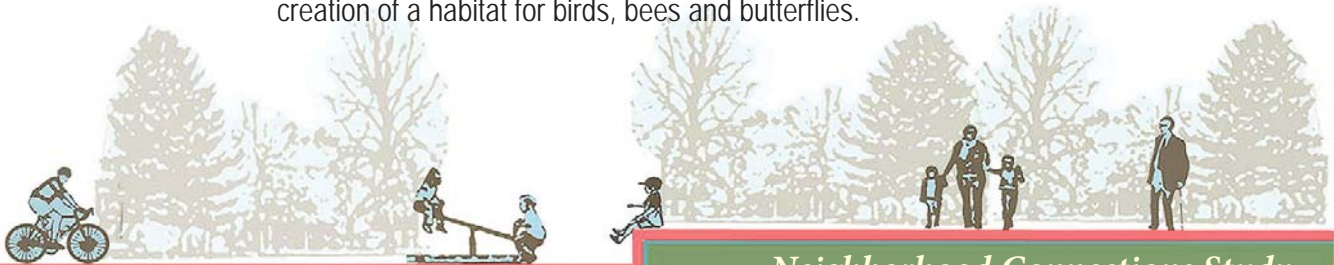
## 2. Physical Features Analysis

Lindberg Park was developed in conjunction with the building of the first residential development bordering it to the south. In the 41 years since that time the park has seen changes in users and programming, but it has always been a busy and well used neighborhood park.

### a. Advantages of the Site

This site is very well suited to a public neighborhood park for the following reasons:

- The original master plan was well designed. Facilities are well spaced, well placed and orientated correctly. The mature trees provide shade for users and spectators at all recreational activities.
- It is surrounded by middle to upper class suburban residential neighborhoods full of people who use the park. There is no vandalism or undesirable groups who frequent the park.
- The scenic protection easement and perimeter plantings provide an area well suited to the creation of a habitat for birds, bees and butterflies.



- The Little Lehigh Greenway and Allentown's trail network is 450' away and Salisbury Township has an easement that connects the park with the Lehigh Parkway.
- 95% of the topography is less than a 5% grade, allowing facilities to be easily adapted for ADA requirements. The aging residential population will require this kind of modification.



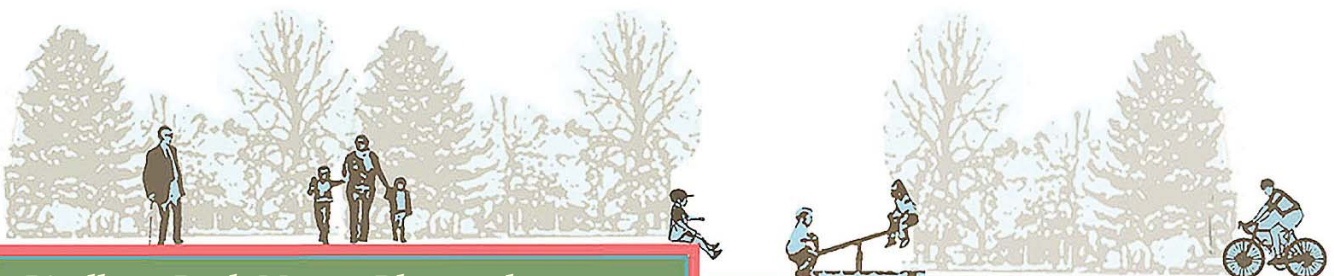
- Soils and topography will allow for integration of storm water best management practices, infiltrating storm water on the site.
- Expanses of open lawn provide opportunities for pick up games and simple sunbathing. The Lawn area provides room for the installation of accessible pathways to the variety of facilities at the park, and to provide resting and viewing spots for handicapped users.
- The park is large enough that a multi use trail around it's perimeter that would be three quarters of a mile in length.
- Lindberg Avenue has a cartway width of 35.0'. Residences along Lindberg Avenue, in the area of the park do not use the street for parking. There is room within the cartway to create a dedicated bicycle/pedestrian lane.
- The park is served by existing water, gas, sanitary and electric utility services. This reduces the cost of any additional facilities requiring utility service significantly.

#### b. Disadvantages of the Site



- While the Specimen Trees add unparalleled beauty to the park, they also come with challenges. Additional facilities will have to be strategically located to avoid damage to tree root systems.
- The lack of paths connecting facilities has created bare and compacted areas, aggravated by the dense shade canopy. These areas should be remediated.
- The majority of the evergreen trees are in decline due to lack of sunlight. They will have to be removed.
- Lindberg Park is a good sized neighborhood park, totally surrounded by residential homes. There is no land on which to expand the park.
- Lindberg Avenue has a cart way width of 35.0'. Visitors who come to the park to watch baseball games find the road more

convenient for parking than the parking lot.. This creates a dangerous situation on Lindberg Road.





- The 90' Baseball field is close to and runs parallel to Lindberg Avenue as does the playground. Concerns of liability have resulted in the installation of chain link fencing along nearly the entire length of the park on Lindberg Avenue. Residents say the speed limit of 35 mph is too high for this area.

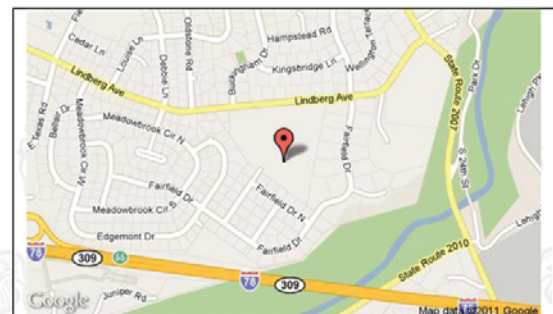
### c. Environmental Concerns

- The existing perimeter of vegetation is known to contain some invasive species. This area should be cleaned of invasive species and planted with species that would provide food and shelter for birds, beneficial insects and small critters.
- The existing inventory of specimen shade trees should be protected from damage by all future construction for paths, removal of evergreens, and facility construction. The barren soils under the trees should be replenished and replanted with shade loving native plants.
- All future development within the park will have to comply with any new regulations for storm water management within Allentown's Source Water Protection Area.

## 3. Pennsylvania Natural Diversity Inventory (PNDI)

A Pennsylvania Natural Diversity Inventory search was conducted in conjunction with the grant application for this Master Plan. The search results indicated there would be no impact anticipated as a result of further development of Lindberg Park on any species or resources of special concern to the State of Pennsylvania. A copy of the PNDI receipt can be found in the appendix.

Project Name: **Lindberg Park Master Plan**  
 Date of review: **3/2/2011 8:55:26 AM**  
 Project Category: **Recreation,Other**  
 Project Area: **N/A**  
 County: **Lehigh Township/Municipality: Salisbury**  
 Quadrangle Name: **ALLENTOWN WEST - ZIP Code: 18103**  
 Decimal Degrees: **40.572240 N, -75.511651 W**  
 Degrees Minutes Seconds: **40° 34' 20.1" N, -75° 30' 41.9" W**

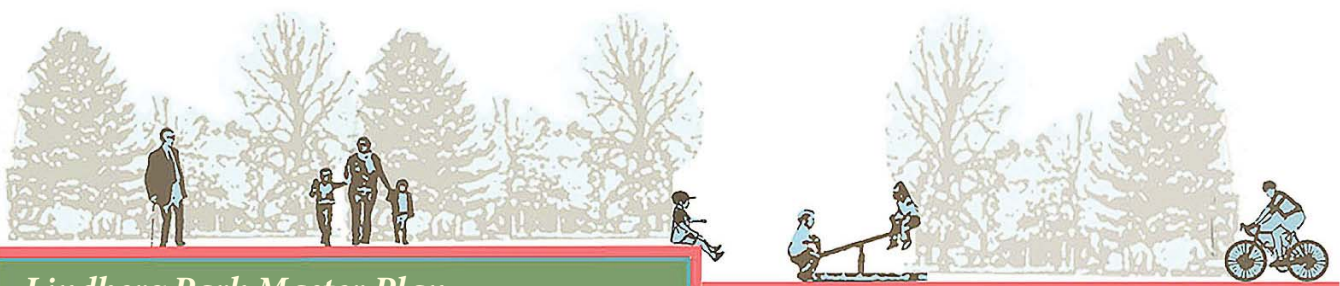


### 2. SEARCH RESULTS

Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No Further Review Required

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate no known impacts to threatened and endangered species and/or special concern species and resources within the project area. Therefore, based on the information you provided, no further coordination is required with the jurisdictional agencies. This response does not reflect potential agency concerns regarding impacts to other ecological resources, such as wetlands.

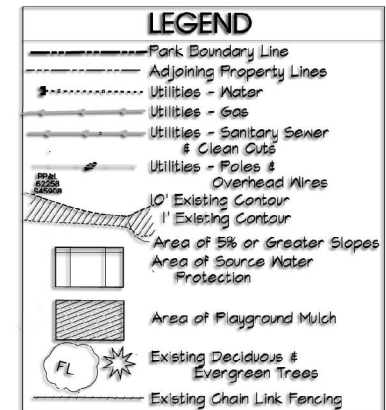








MATCHLINE SHEET 2



AREA - Lindberg Park is 19.76 Acres

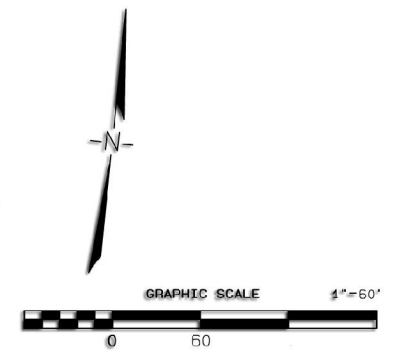
ZONING - Public Recreation/Open Space

**WATER** -  
Water from the park flows into the Little Lehigh Creek Watershed. The Water in the Little Lehigh has been given a water quality rating of HQ-CWF (High Quality Cold Water Fishery). The Little Lehigh Creek was nominated as a Critical Water Planning Area in 2009, needing continuing review and evaluation. The southern most tip of Lindberg Park falls into the Allentown Source Water Protection Area Zone A.

**SOIL** -  
The soil at the park is UmB, or Urban Land Duffield Complex. Duffield Silt Loam on 3-8% slopes, is well drained and moderately eroded. The underlying geology is Allentown Dolomite.

**TRAFFIC** -  
Lindberg Road is a Collector Street, connecting 24th St. and Cedar Crest Boulevard. The Speed Limit on Lindberg Avenue is not posted. Township Ordinances define it as 35 MPH.

**NATURAL RESOURCES** -  
The Salisbury Township Natural Resource Inventory found no invasive plant materials at the park. The report suggests identifying the large native trees in the park and creating native plantings of wildflowers. A Pa Inventory of Natural Diversity found no existing natural features in the area of Lindberg Park that would be negatively impacted by development.



DATE: MAY 7, 2012  
REVISIONS:

**LINDBERG PARK MASTER PLAN & NEIGHBORHOOD CONNECTIONS STUDY**

Proposed Improvements to Lindberg Park

ALLENTOWN

**Existing Conditions & Analysis**

**OWNER: SALISBURY TOWNSHIP**

2900 South Pike Avenue  
Allentown, PA 18103  
CONTACT: Mr. Randy Strawn (610) 977-4000

Landscape Architects: Engineers: Planning Consultants  
**Urban Research & Development Corporation**  
28 West Broad Street, Bethlehem, Pennsylvania 18018, 610-863-0701  
CONTACT: Lee Peltz (610) 863-0701



SCALE: AS SHOWN

PROJECT NO. 2305-5



**LINDBERG PARK**

SCENIC PROTECTION EASEMENT- 30'

*Low Density Residential*

IRON PIPE FOUND

11.13' Width of Easement  
Based on Existing Pins & Deed Plot

15.0'  
Original Width  
of Easement As  
Recorded

CAPPED  
REBAR  
FOUND

Right of Way

13.25 Width of Easement based on  
Existing Pins & Deed Plot

CAPPED  
REBAR  
FOUND

15.0  
Width of Recorded Easement

## EASEMENT SURVEY - May 2012

Property Lines and Right of Way Information  
based on Existing Plans and Deed Plots  
by: ND Remy Associates  
Civil Engineers & Land Surveyors  
Allentown, PA. Ph: 610-776-7150

*SALISBURY TOWNSHIP*

*Medium - Low  
Density Residential*

UNKNOWN MH  
RM=164.67

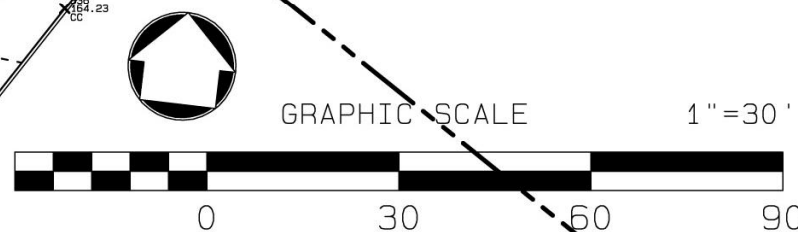
CAPPED  
REBAR  
FOUND

**LEHIGH PARKWAY &  
LITTLE LEHIGH GREENWAY**

CONC. MON.  
FOUND

MUNICIPAL BOUNDARY

*CITY OF ALLENTOWN*





## D. ACTIVITIES AND FACILITIES ANALYSIS

### 1. Community Facility Needs

The needs of community residents have driven the Master Plan process for the redevelopment of Lindberg Park beginning in 2005 with adaptation by the township of the Salisbury Township Parks, Recreation and Open Space Plan. As part of the Lindberg Park Master Plan process, Key Persons and the Key Study Committee provided insight concerning the condition and level of use of existing facilities, facilities that need to be updated, and facilities that would be desirable in Lindberg Park.

#### a. Existing Facilities

When asked to describe Lindberg Park, most committee members respond with terms such as “beautiful, well used” and “busy.” The pavilion hosts large groups every weekend; however, there is no overcrowding, plenty of parking, and no litter or vandalism issues. The playground hosts the summer playground program and day care groups during the school year. The facilities and the grounds are adequately maintained by the Salisbury Township Public Works Department.



The following list is current facilities at the park, general condition and level of use:

FACILITY	GENERAL CONDITION	LEVEL OF USE
<b>ACTIVE FACILITIES</b>		
Basketball Courts	Excellent	Frequent Use
Baseball Fields	Good	Frequent Use
Tennis Courts	Excellent	Frequent Use
Sand Volleyball Court	Fair	Occasional
<b>PASSIVE FACILITIES</b>		
Spray Pad –Playground	Fair	Seasonal
Playground-General	Fair	Frequent Use
Handball Wall	Fair	Occasional
Shuffleboard	Fair	Never
Pavilion	Good	Frequent
Former Blind Garden	Poor	Occasional
<b>SUPPORT FACILITIES</b>		
Parking	Good	Frequent
Lawn Area	Fair to Poor	Frequent



### b. Proposed Facilities

The following is a listing of proposed facilities that have been recommended in the Open Space plan, in Key Study Meetings and in during the Key Person Interviews and that will be included in the final Master Plan Site Design Drawing for Lindberg Park.

The list is in order of Priority as designated by the Lindberg Park Key Study Committee.



1. ADA Compliant Multi Use Perimeter Trail
2. Replace Fencing with Planted Earth Berms where feasible
3. Merry Go Round for Playground
4. Natural Playground
5. Inclusive Playground
6. Kiosks for Announcements
7. Storm Water BMP's including; Rain Gardens, Bio-Swales, Pervious Pavements
8. Winter Activities like Cross Country Skiing
9. Baseball Storage Shed and Batting Cages
10. Wildlife Gardens, Shade Gardens, Wildflower Gardens, Ornamental Shrubs
11. Multi Purpose Field
12. Additional Court Games; 10 and under Tennis, Pickle ball
13. Green Initiatives including; Water Harvesting, Solar Lighting, Propane Fueled Maintenance Equipment, Solar Powered Trash Receptacles
14. Educational Signs for Passive Storm water areas, specialty garden areas, and for green initiatives



Results of the facilities survey provided to the Key Study Committee can be found on a chart in the appendix of this report.

## 2. Facility Analysis and Action Plan

### a. Active Recreational Facilities to Be Added, Renovated, Maintained or Removed

All existing facilities in the park are available to community residents and guests of the park at any time with the exception of the baseball fields. Registration is required to use the pavilion, and the park's facilities and playground are available for use by renters. The rules posted at the park provide guidelines for the amount of time any one group is allowed to use a facility.





- Active facilities to be added at Lindberg Park include:

- 2 - Pickle Ball Courts
- 1 – Active Lawn Area

Pickle ball is unfamiliar to many, but is gaining in popularity where it has been installed because it is easy to learn, fun to play, and less stressful on the body than other court sports. It is played by 2-4 persons, with paddle type rackets and a whiffle-like ball the size of a baseball. Pickle ball can be introduced to children through the summer playground program and to families through the Salisbury Township web site, or through a clinic. The closest available pickle ball courts are in suburban Philadelphia.



The multi purpose active lawn area would be for casual use by the Summer Playground Program and for community pick-up games of flag football, soccer or frisbee. The Key Study Committee felt it was important to provide a defined open lawn area as the installation of pathways will divide the existing lawn.

- Active facilities to be renovated at Lindberg Park include:

- 1 - Sand Volleyball Court
- 1 - Hand Ball Wall

The sand volley ball court is in a low area that retains water during times of heavy rain. The standing water causes the sand to compact and harden. The sand volleyball court is used by a group in the summer one night per week, and occasionally by groups who rent the pavilion. In order for the court to be more successful, it is proposed to be relocated to a higher elevation with a drainage system beneath the playing surface to keep the sand soft.



The handball wall is concrete block and concrete foundation. The foundation is cracked from tree roots. The wall is used by tennis players and for baseball.



- Active facilities to be maintained at Lindberg Park include:

1 - 90' Baseball Field, 1 - Little League Baseball Field  
Tennis Courts  
Basketball Courts



The baseball field facilities at Lindberg Park are the only facilities for which players need to register and reserve times. There are two youth sports organizations, Hamilton Park and Salisbury Township Youth Organization that use the fields for practice and for municipal games in spring and in fall. Both programs enroll about 200 children and have seen program attendance stabilize over the past few years. Baseball games are well attended and Lindberg Avenue is lined with cars during games. Aluminum benches for the teams and for spectators were recently added.

The tennis courts are used by a senior tennis league that plays in the mornings when the park is open and if the weather permits. The courts are used for a tennis clinic as part of the summer playground program offering. The courts are resurfaced as needed and in good condition. They are almost always in use. Typically there are no spectators at the tennis courts.

The basketball courts were resurfaced in the spring of 2012. No reservations are needed to use the courts, and players of all levels and abilities can be seen using the courts continually during the summer months.



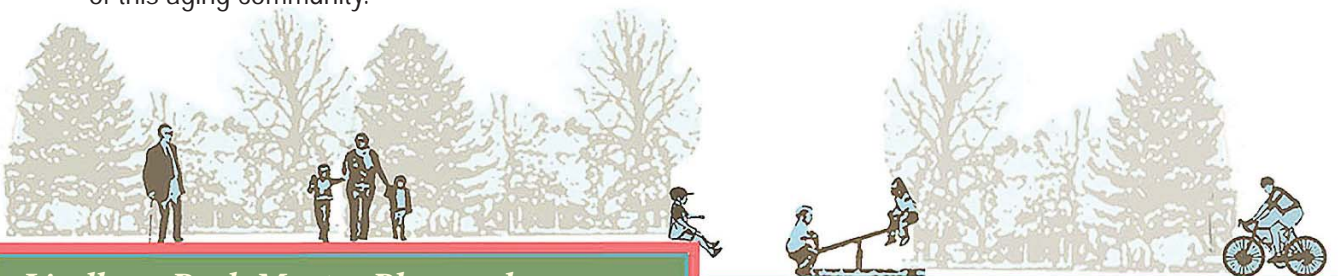
- Active facilities to be removed at Lindberg Park include:

1 Shuffleboard Court

This court is not used and the surface has cracked due to tree roots.

#### b. Passive Recreational Facilities to Be Developed, Renovated, or Maintained

The most popular passive uses at Lindberg Park are the Playground and Pavilion. Reservations are required to use the pavilion and it is booked solidly from June through till the end of September. Previous planning efforts indicate that residents want more activities for older adults to meet the recreational needs of this aging community.





- Passive facilities to be developed at Lindberg Park include:

1 - Perimeter Trail linking exterior facilities

Multiple Secondary Pathways linking interior facilities

Observation/Resting Stations for Handicapped Visitors and the elderly

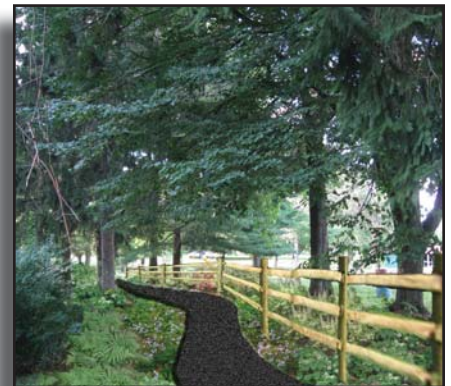
1 - Trail Link to the Little Lehigh Greenway

21

The perimeter trail is the highest priority of past planning efforts and the Lindberg Park Key Study Committee. On any given day one can observe residents walking along Lindberg Avenue, in the street or across lawn areas. The perimeter trail would be multi-use, ADA compliant, 8' in width and nearly one mile in length (.8). Encircling the park, the perimeter trail would connect the two parking areas, the two baseball fields, the proposed active lawn area, the basketball courts and the playground area. The trail would provide the residents of the neighborhoods surrounding the park with a safe place to walk.



In addition to the perimeter trail, there is a need at the park for ADA compliant secondary pathways linking facilities internally and providing additional walking loops. The facilities accessible from the existing bituminous path are the tennis courts, the pavilion, and the former blind garden area. This path is in fair condition, is not graded to drain water and is broken up by tree roots. The proposed network of secondary paths would be 6' wide, and would connect those facilities not accessible by the perimeter trail. Rest/observation areas with benches would be provided along all pathways for visitors who might want to sit, relax and watch wildlife or activities going on at the park.



The township owns an existing easement that connects Lindberg Park to the Little Lehigh Greenway. A footpath is visible in the easement area (and on the survey) indicating that it is used on a regular basis. Several Key Study Committee members have admitted they use this footpath. A trail installed in this easement will lead Lindberg Park visitors from a point on the perimeter trail in the lower north east corner of Lindberg Park across Fairfield Road continuing to a gently sloping service road in the Lehigh Parkway, owned by the City of Allentown. The easement will need to be surveyed in detail and any property infringements with neighboring home owners resolved. The City of Allentown has indicated they will work with the township to make this connection part of the valley wide trail network.



- Passive facilities to be Renovated at Lindberg Park include:

The Playground, Restrooms and Pavilion  
 The former Blind Garden area  
 The Access Pathway



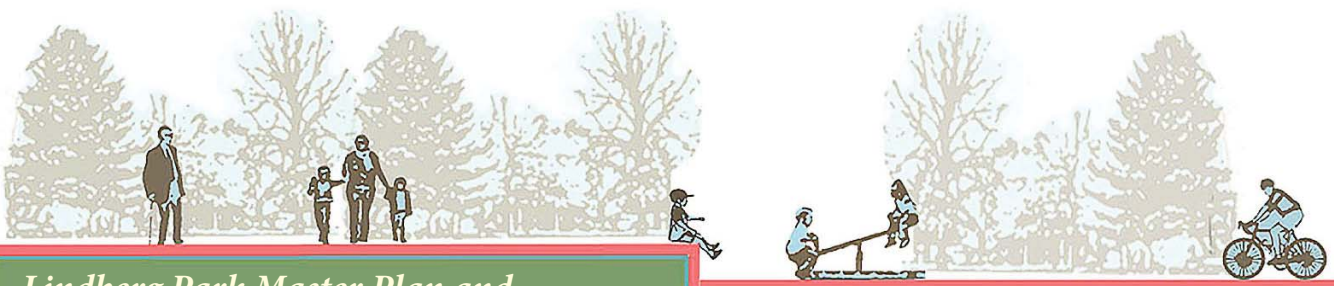
The playground is a large fenced in area of 2.5 acres. This is larger than the largest playground nearby in Allentown at Cedar Beach Park, which is 20,000 s.f. of inclusive play. The existing play equipment at Lindberg Park does not provide an inclusive play experience. The existing playground does not include any elements of Natural Play. The greater portion of the playground site is gently sloped with small pockets slightly over 5% in grade. The course of the perimeter path will circle half of the perimeter of the existing playground, reducing the playground area by half an acre (.5) to 2.0 acres. Within the remaining 2 acres, about .75 of one acre is on slopes of 5-7%. The remainder of the playground area (1.25 acres) is under 5% in slope. This generous available land will enable both inclusive and nature play areas to be incorporated side by side. The Salisbury Township Recreation Director has stressed the importance of having an area within the playground space for kids to run. The size of this playground will provide plenty of room to run.

Other amenities desired within the playground are a merry-go-round and updated overhead spray equipment. All proposed elements will be part illustrated on the Master Site Development Plan.



The Key Study Committee wants the former blind garden to be transformed. The existing elements of this garden are in fair to poor condition. The committee has asked for a garden space within the park, that is quiet but not secluded, a place for reading, lunching, small group meetings or just relaxing. This will involve a complete overhaul of the area and further study of design options.

The existing path through the park, used for maintenance and for pedestrian traffic, may be maintained in its current condition until it is replaced.





c. Conservation and Educational Facilities to be Developed

The park is currently covered by 2.05 acres of impervious surface (10%), including two parking lots, a pavilion, tennis and basketball courts, and a pathway. The Master Plan will propose to add 1.7 additional acres of paved surface to create a park that is accessible for all. All proposed new surfaces that are ADA compliant, do not however have to be covered with an impervious surface. Paving alternatives will be discussed as development plans are made.



The proposed Master Plan will add some small courts, a perimeter path, an active lawn area for informal activities, a network of secondary paths and ADA solid surfacing in the playground area. Any trees in decline that may be unsafe will be removed. The courses of new paths will weave around existing groves of trees, providing the framework for native shade gardens. The plantings will encourage visitors to stay on the paths, restoring areas of compaction and bare soil. The naturally expanding buffers on the south and east property lines provide an existing framework for natural wildlife food and cover areas. These buffers will be enhanced with the addition of native plants and any invasive plants removed.

Signs will alert park visitors to the conservation efforts underway.



d. Participation Rates

- EXISTING FACILITIES

The existing facilities in Lindberg Park that require advanced registration are the baseball fields, the pavilion, and the summer playground program. The remaining facilities; tennis, sand volleyball, basketball and handball require no reservations, so that numbers of users are not recorded. The number of baseball players in the youth program, about 200 per league per year, has not changed much and is projected to remain the same.

The numbers of children attending the summer playground program has been steady from year to year, with 84 children registered to participate in the program at Lindberg Park in 2011 and 2010. Of the four parks in Salisbury Township that have a summer playground program, Lindberg has the highest enrollment in western Salisbury Township.



- PROPOSED FACILITIES

The proposed facilities at Lindberg Park will be designed to provide inclusion and to serve this aging community that has requested more activities for older adults. Census data reveals the need for facilities that provide for users of all ages and abilities.



Perimeter Trail

The proposed ADA accessible perimeter trail will be used by the residents that can be seen daily walking the lawns or in the street on Lindberg Road, and by residents who can not walk on lawns or in the street. The 2010 census reports the following disability numbers for residents over the age of 21: approximately 405 residents of Salisbury Township suffer sensory disabilities; 940 residents suffer physical disabilities and 365 mentally disabled residents reside in Salisbury Township. These residents are all potential users of an ADA accessible path system, like the one proposed for Lindberg Park.

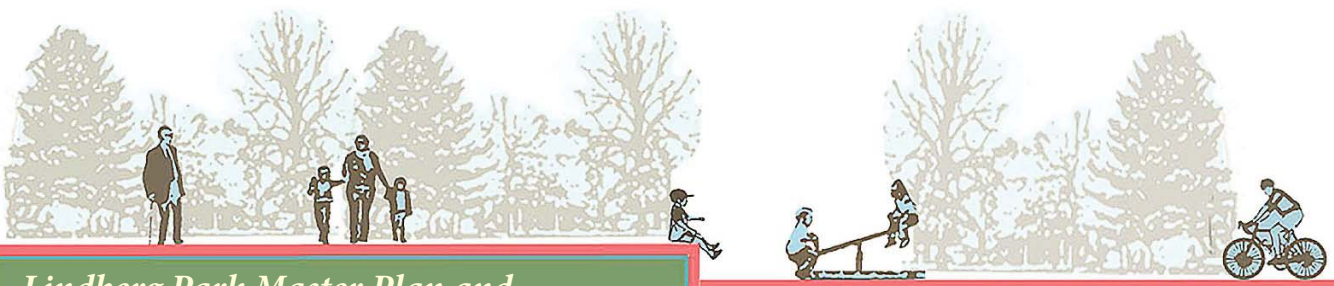


Inclusive Playground

The 2010 Census reports the following disability numbers for residents under the age of 21, approximately 30 children and young adults who suffer from sensory disabilities, 20 children and young adults who are physically disabled and 105 children and young adults who are mentally disabled. This is a population in western Salisbury Township that is not served through public recreational opportunities. The three private schools in the Lindberg Park neighborhood have small playground areas for their students, and Salisbury Townships two Public Elementary Schools, the Middle School and the High School are not within walking distance for handicapped residents of the Lindberg Park neighborhoods.

Active Lawn Area

This area would be used by the summer playground program. Residents could use the lawn for pickup games. Actual numbers are not available.





### Tranquility Garden

The current Former Blind Garden is being used, on an occasional basis. On most summer days, at least one person can be seen walking to or from the area. An upgraded garden, with better seating and wider more accessible pathways could only draw more visitors to this spot within Lindberg Park.

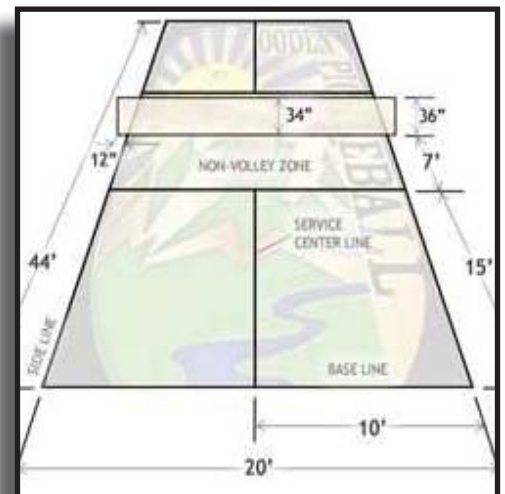
### Pickle Ball

The proposed pickle ball courts have the potential to be used as frequently as the tennis courts are used. The townships recreation department may need to provide some introductory information to engage residents, but the committee feels that once people try the sport it will become a popular activity at Lindberg Park.



### e. Basic Standards and Requirements of Facilities to be Developed

- Multi Use Perimeter Trail – an 8' wide bituminous trail will be recommended. Bicycles and pedestrians would use the perimeter trail. The secondary paths, designed for foot traffic only, would be designed to accommodate 2 wheelchairs with ample passing room at a 6' width. The 9' x 3' observation/resting pads would allow for 1 wheelchair to rest next to a bench. All ADA surfaces will be graded for a 2% maximum cross slope and a 5% maximum centerline grade. This site poses no difficulties in meeting ADA compliancy standards.
- Pickle Ball Court – the standard pickle ball court is 20' x 44', with a perimeter of 7' to 10' surrounding the court for a recommended overall size of 34' x 64'. Fencing will be recommended for the park setting. An adjustable net will allow the courts to be used for badminton. Pickle ball paddles and balls are provided by the players. The courts will be oriented in a north south direction, and installed in an area where minimal tree removal and minimal grading will be required.



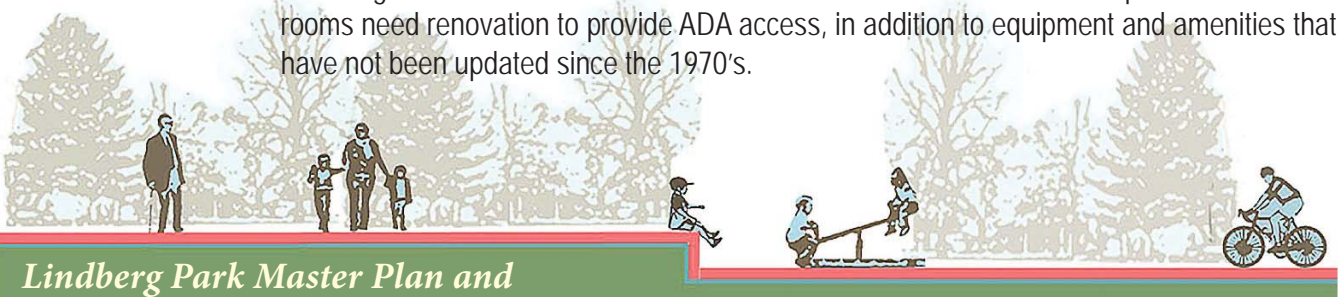
- **Active Lawn Area** – this area will not be designed for any type of league or team play. It will be designed to fit into the lowest corner of the park, in an area that is currently unused, will be oriented in a north south direction and graded to drain properly, with a 1-2% cross slope. There are no lines, fencing or equipment proposed for this field.
- **Tranquility Garden** – will be installed in the location of the former blind garden. Existing shrubs and evergreens will be removed and native plants installed. A few ornamental plants, as requested by the Key Study Committee can be integrated. ADA compliant paths, benches and tables will be part of the garden area. The existing low areas around garden will be re-graded to drain water around the garden and into rain gardens. A pervious surface would be feasible for this new garden area.
- **Playground Redesign and Renovation** – The playground area will need more detailed study to be developed into the inclusive and natural play area it has the potential to be. Existing slopes and space within the 2 acres lend themselves to a seamless blending of two types of play areas, providing children with an exciting space to learn, interact and have fun. The water feature can be easily and inexpensively updated. Paths will be added, integrating activities. Planting will be interspersed, along with a sand pit area, and a merry go round.



### 3. Basic Standards and Requirements of Support Facilities

#### a. Pavilion and Rest Rooms

Updating the pavilion at Lindberg Park is a strong desire of the members of the Key Study Committee. Structurally the concrete block pavilion is sound; aesthetically it looks dark and dated. A new roof was installed on the building, and it is painted annually. Maintenance free surfacing will be recommended for the exterior and interior walls of the pavilion. The rest rooms need renovation to provide ADA access, in addition to equipment and amenities that have not been updated since the 1970's.





b. Parking

The parking lots at Lindberg Park appear to be adequate in the number of spaces provided for the majority of activities, programs and functions of the park. The layout and circulation of the parking areas could be greatly improved.

- Updates to the Lindberg Avenue parking area would include redesign of the layout to include of layby and drop-off areas, the addition of interior infiltration areas and pervious parking stalls.
- The rear parking area could be greatly improved by aligning the entry drive to meet the curb-line of the adjacent development, adding a median for the pedestrian trail crossing and a park entrance sign, and providing a drop off area.



c. Baseball Storage Shed and Batting Cages

Equipment for grooming the fields, and the required baseball playing equipment is brought to each game and practice by the coaches. The parking lots are about 400' from the fields, so players, spectators and coaches park on Lindberg Avenue to access the large field. The shed could be a simple pre-fab storage shed, or a built structure, approximately 10' x 10' in size. The location should be between the two ball fields, and the shed should be aesthetically pleasing. The shed could be accessed on the perimeter trail. Batting Cages have become a need for the teams that use Lindberg Park. They are proposed to be located next to the tennis courts. The teams are planning to raise the money they will need to pay for baseball improvements.



d. Storm water management improvements



There are no storm water best management practices in effect at Lindberg Park. New pathways add to the impervious area at the park. Storm water infiltration areas will be installed in conjunction with the new pathway system. It is anticipated that Rain Gardens and parking area infiltration areas will provide adequate capacity for the amount of runoff generated. Pervious paving can reduce run off and is proposed for the parking areas and the tranquility garden. Development plans will further refine the storm water management concepts illustrated in the master plan. It is anticipated that an E&S permit will be required for the construction of the perimeter and secondary pathways and any parking lot improvements.

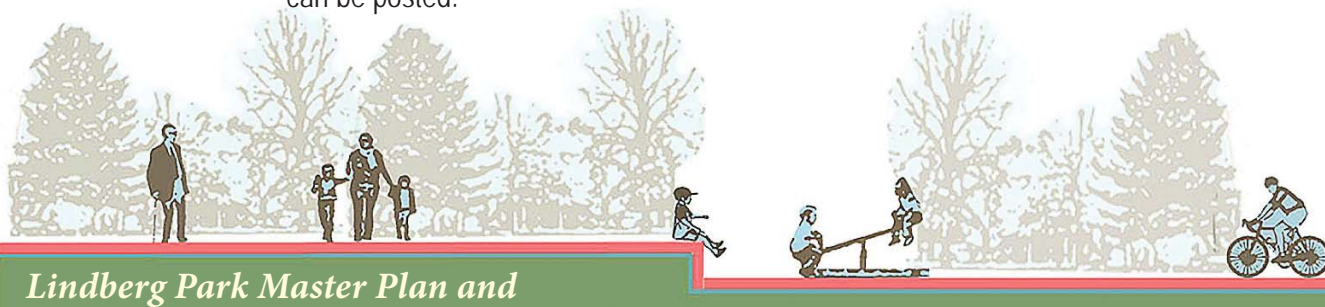
Storm water infiltration areas and bio-swales are another way to introduce native plants to the Lindberg Park landscape. Many plant communities, including species such as Eupatorium, Chelone and Verbena, recommended for successful rain gardens do double duty in providing food and shelter for wildlife.

e. Educational and Identification Signs & Kiosk



Salisbury Township Natural Resources Inventory recommended identification signs for the abundant and beautiful shade trees in the park. These signs can be manufactured from recycled materials and can explain the environmental benefits trees provide. Educational Signs will be installed to explain the function, construction and plants in the rain gardens. Wayfaring signs can direct visitors to the perimeter path and secondary loops within the park as well as to the distances walked. The easement trail to the Little Lehigh Greenway will require a wayfaring sign. Educational signs will be used to explain plants growing in the wildlife buffers and types of wildlife that might be observed. Signs that explain park rules and playground rules shall be posted. Funding Recognition Signs will be installed to show appreciation for all contributors.

The Key Study Committee has requested Kiosks be added to the park facilities at the entrance to the park from each of the parking lots. These can be manufactured from recycled materials or natural products. They will be covered by a roof, will have at two or three sides. Announcements related to upcoming events in the park or in the surrounding neighborhoods, can be posted.





f. Native Plant Gardens

There is great opportunity in the park for the development of native plant gardens. In the buffer areas, along the east and south property lines, invasive plants will be removed and beneficial plants like *Ilex verticillata*, *Photinia pyrifolia*, and *Clethra* will be installed. These plants attract butterflies and birds, and provide shelter for small mammals. Underneath the tree groves in the deepest shade, native plant communities of ferns, *Carex*, *Aquilegia* and *Aster* will be added.

g. Fencing

One of the top priorities of the Key Study Committee is to find a replacement for as much of the chain link fencing as is possible. The current fencing suggests an area of confinement, and it is difficult to maintain, weeds and vines growing onto it need to be sprayed with the noxious chemical equivalent of Round Up.

Fence is needed along Lindberg Avenue to prevent children from running into the road from the baseball field. Planted earthen berms in combination with aesthetic fencing and large shrubs are recommended to replace the existing chain link.



h. Site Furnishings

There are multiple benches and picnic tables at Lindberg Park scattered throughout the 20 acres. The benches need refurbishment and many have sunken into the soil. An inventory shall be undertaken to determine which benches and tables are in need of work and the best locations for benches. The benches shown have sunken into the ground, leaving a seat height of about 12".

ADA resting and observation pads will be located at facilities and along all paths, furnished with benches for non-wheel chair visitors to rest. New bench pads will be a solid surface.



### i. Community Connections

There are no existing pedestrian friendly or bicycle safe routes in the neighborhood immediately surrounding Lindberg Park at the present time. Part of the purpose of this plan is to begin to provide a framework of dedicated multiuse safe travel ways to connect neighborhood and township amenities like parks and schools and the Little Lehigh Greenway.

- Existing Connections and Plans



The most prominent recreational venue, and most popular destination adjacent to Lindberg Park is the Little Lehigh Parkway. This area is a large recreational venue with trails and a fish hatchery that follows the Little Lehigh Creek through the City of Allentown. It is also a predominant component of the Lehigh Valley Greenways Initiative, a plan that seeks to connect and protect natural and cultural resources across the Lehigh Valley by 2015. The easement that Salisbury Township holds provides a point of connection, already in use by many residents of the township, to provide access to the popular Little Lehigh Greenway and the entire Lehigh and Northampton County network. Connecting Our Community (2010) is a plan prepared for the City of Allentown to provide a network of pedestrian and bicycle safe routes throughout the City of Allentown to venues within and outside of the city limits.

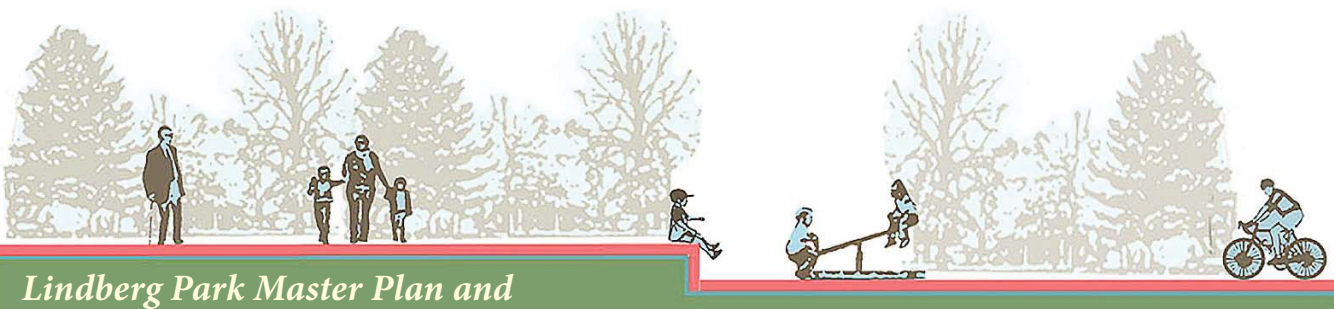
- Creating Safe Walkable Salisbury Township Neighborhoods



There are several ways that enhanced pedestrian/bicycle circulation plans for Salisbury Township can connect with the City of Allentown's routes and to the broader Lehigh Valley trail system.

#### Partnership with the City of Allentown

In writing the grant for this Master Plan, the township met with the parks director of the City of Allentown to walk the suggested connection. The city representatives said they would support this connection from Lindberg Park to the Lehigh Parkway.





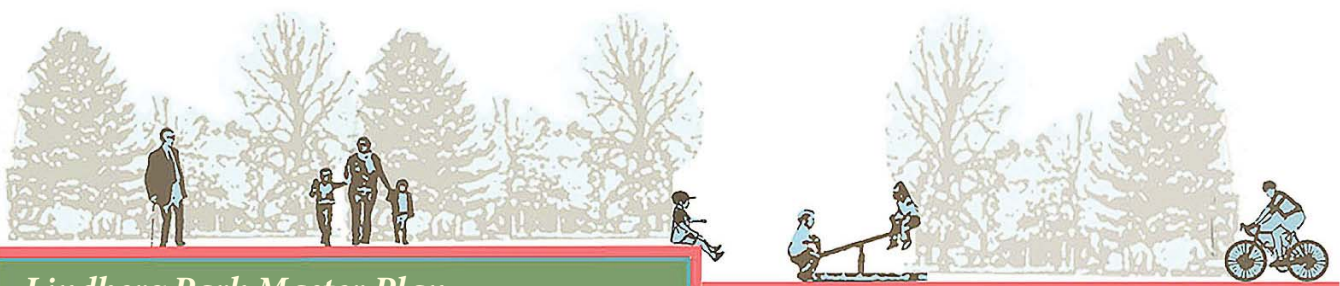
Install a dedicated pedestrian/bicycle lane(s) on Lindberg Avenue

The first step in building connections within Western Salisbury would be to install a dedicated multi use lane and crosswalks on Lindberg Avenue, which is wide enough to provide areas for separate bike lanes. Bike lanes would also provide traffic calming, which is a need that visitors to the park have expressed. Dedicated colored lanes in the street would allow a safe place to travel on Lindberg Avenue to St. Thomas More School and to the Trident Swim Club facility. Further lane installation to Green Acres Park and the Swain School as well as to the Lehigh Christian Academy would connect all the schools and athletic venues within this residential pocket in Salisbury Township. The total street length between these activity areas is only 1.5 miles.

Crosswalks will be installed at all major intersections adjacent to parks and schools. At Lindberg Park crosswalks will be installed at Buckingham and Lindberg Avenue and at Fairfield Drive and Lindberg Avenue. Installing this network of lanes, residents of the neighborhoods surrounding Lindberg Park could safely access neighborhood amenities on foot or by bicycle without crossing any major arterial roadways.

The attached map entitled "Lindberg Park Neighborhood Connections" shows the dedicated bike/pedestrian lane and pedestrian crosswalks proposed to connect this neighborhoods amenities to Lindberg Park and to the Lehigh Valley greenway network through the Lehigh Parkway.







# LINDBERG PARK NEIGHBORHOOD CONNECTIONS

## LEGEND



Neighborhood Gateway



Proposed Crosswalks



Proposed Bike/Pedestrian Lanes

CEDAR CREST BLVD.

Lehigh Christian Academy

Trident Swim Club

St. Thomas More School & Rec. Fields

FLEXER AVENUE

Louise Lane Park

LINDBERG AVENUE

LINDBERG AVENUE

LINDBERG PARK

Debbie Lane

Green Acres Park

Green Acres Drive

Swain School & Rec. Fields

Future Connection to Lehigh Parkway

LEHIGH PARKWAY

NEIGHBORHOOD GATEWAY & START OF TRAFFIC CALMING ZONE

24th Street

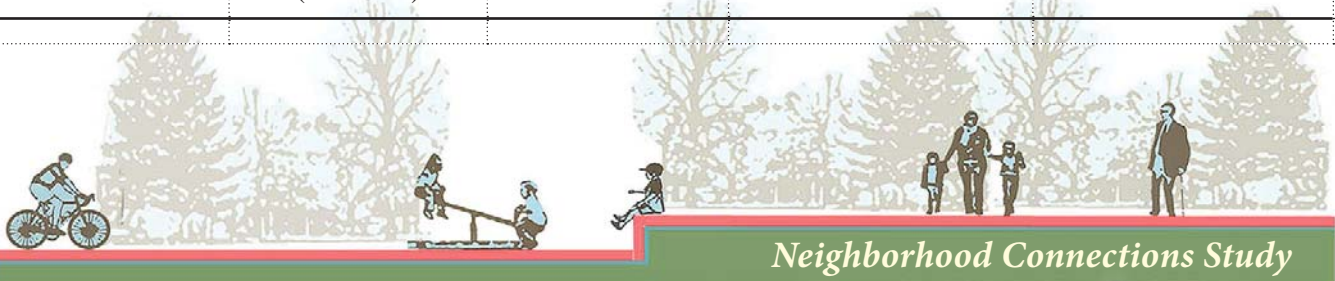


## E. DESIGN CONSIDERATIONS

### 1. Design Standards

The Lindberg Park site is ideal for use as a neighborhood park. The land is gently sloping, with established mature trees. The active facilities at the park are located with enough distance between them so that even when nearly all facilities are being used the park does not feel crowded. The playground area is spacious, gently sloped and well suited for its current use. The passive activities are well segregated from the active facilities. The courts and fields are orientated correctly and are well maintained. Nearly all facilities need updating and modification to meet current guidelines for safety and inclusion. Support facilities need to incorporate greener technologies. The park is large enough to accommodate additional facilities, increasing available activities for the aging adult population in this community, and without changing the quiet neighborhood feel of the park that residents love.

PROPOSED ACTIVE FACILITY STANDARDS				
FACILITY	SIZE	SURFACE	EQUIPMENT	GUIDELINES & REGULATIONS
PickleBall / Badminton Courts	34'x60' (single) 68'x60' (double)	Hard Surface Flex Surface	Netting & Fence Ball and Paddles - Participants	DCNR USA Pickleball Assoc.
Active Lawn Area -	Small Side Soccer	Lawn	None By Participants	DCNR
PROPOSED PASSIVE FACILITY STANDARDS				
Perimeter Trail	8' Wide .75 Mile Length	Firm & Smooth	None	ADA DCNR
Secondary Connecting Pathways	8' to 6' Wide Facility Access	Firm & Smooth	None	ADA DCNR
Playground- Inclusive	27,000 S.F. (available)	Firm, Smooth & Flexible	Permanent, All Ages & Abilities	ADA CPSC, ASTM
Playground - Nature	29,000 S.F. (available)	Grass, Sand, Mulch	Permanent, Natural & Created Materials	ADA CPSC, ASTM
Playground- Spray Ground	2400 S.F. (available)	Firm & Smooth	New Overhead Spray Pieces	ADA CPSC, ASTM
Tranquility Garden	8000 S.F. (available)	Firm & Smooth	Tables, Benches, Shelter	ADA





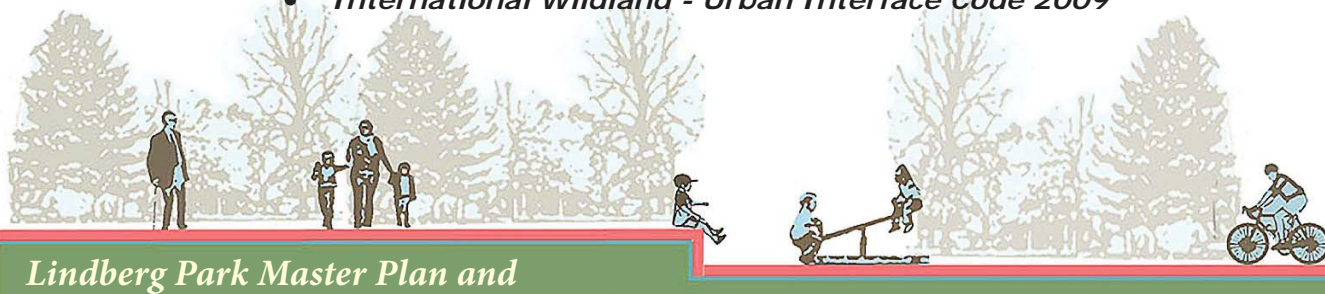
PROPOSED SUPPORT FACILITY STANDARDS		
FACILITY	DESCRIPTION	STANDARDS
Storm water Management	Vegetated Swales & Rain Gardens Infiltration Areas	County Conservation District PA DEP
Educational Signs	Existing Mature Tree Identification Storm water Infiltration Processes Wildlife Buffer Function	DCNR Green Principles
Rest Rooms	Modify to Accommodate the Handicapped	ADA
Pavilion	Update to Incorporate Green Technologies	LEED, DCNR
2 Parking Lots	Add Pervious Paving Add Infiltration Areas & Trees	County Conservation District PA DEP
Wildlife Planting Buffer	20' Native Plant & Tree Buffer	DCNR

## 2. Public Health and Safety

The most applicable public health and safety issues at Lindberg Park concern accessibility and Playground Safety.

The Pennsylvania Construction Code Act (Act 45 of 1999) established basic requirements in Pennsylvania for a Uniform Construction Code to be followed by all building enterprises. Salisbury Township elected to administer and enforce the UCC locally, using their own employees or a certified third party agency. In 2008 the Pennsylvania State Assembly established a Uniform Construction Code Review and Advisory Council to review Triennial International Code updates and advise the General Assembly and the Department as to whether changes should be adopted, adopted and revised, or not adopted as part of the Pennsylvania UCC. The UCC Administration and Enforcement regulation adopted the following codes for use throughout the Commonwealth of Pennsylvania, effective as of the end of 2009. These codes will be referenced and enforced as they pertain to all future building endeavors that take place at Lindberg Park.

- ***International Building Code 2009***
- ***International Energy Conservation Code 2009***
- ***International Existing Building Code 2009***
- ***International Fire Code 2009***
- ***International Fuel Gas Code 2009***
- ***International Performance Code for Buildings & Facilities 2009***
- ***International Wildland - Urban Interface Code 2009***



### 3. Americans with Disabilities Act

The Americans with Disabilities Act prohibits discrimination based on disability. Disability is defined as a physical or mental impairment that substantially limits a major life activity.

The Department of Justice (DOJ) publishes ADA regulations. The DOJ's titles II and III regulations addresses state and local government facilities, including additional design requirements. Title II also provides that those facilities that are constructed or altered by, on behalf of, or for the use of a public entity shall be designed, constructed, or altered to be readily accessible to and usable by individuals with disabilities. Modifications and updates made to the facilities at Lindberg Park shall comply with the 2010 Standards. The existing slopes at the site do not present any difficulty in designing or building paths, walkways and facilities which will allow and promote access by members of the community who suffer from physical, mental and/or sensory disabilities.

In choosing which accessible elements to provide, priority should be given to elements that will provide the greatest access for the largest number of users. The following list is a priority guideline as to which facilities at Lindberg Park should receive modification to meet ADA 2010 standards:



- Accessible routes to all existing and proposed facilities
- Renovate the restrooms to be readily accessible to useable by the disabled
- Accessible Playground Facilities to include an inclusive play area
- Modify existing drinking fountains to make them accessible
- Modify parking to provide additional accessible handicap spaces and van spaces with accessible drop off locations to the park's facilities

Section 240 of the 2010 ADA Standards discusses modifications to existing play components and playgrounds, and provides information on the minimum number and types of play components required. The playground at Lindberg Park is large enough, at over 2 acres, to provide a sizeable inclusive play area as well as a sizeable natural play area. This area will require further design and study, but any and all modifications shall meet 2010 ADA standards.





#### 4. Topography

The topography at Lindberg Park is generally under 5% in slope, so that most facilities proposed to be built or modified to meet ADA regulations will require only minimal earth disturbance.

#### 5. ASTM and the Consumer Product Safety Commission

The U.S. Consumer Product Safety Commission (CPSC) protects the public from unreasonable risks of injury or death associated with the use of the consumer products that fall under the agency's jurisdiction. Playground equipment falls under the jurisdiction of the CPSC. The CPSC and the National Safety Council have developed the following guidelines for safety and age segregation at public playgrounds. These guidelines have been used to review the existing playground at Lindberg Park.

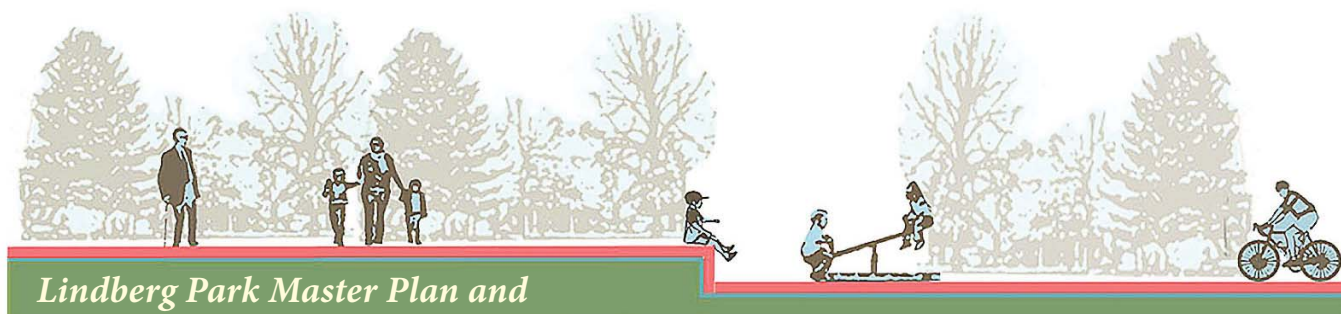


ASTM International, formerly known as the American Society for Testing and Materials (ASTM), is a globally recognized leader in the development and delivery of international voluntary consensus standards. Today, some 12,000 ASTM standards are used around the world to improve product quality, enhance safety, facilitate market access and trade, and build consumer confidence. Some of the materials proposed for use at Lindberg Park that shall meet ASTM standards would include plastics used in playground equipment, spray field equipment materials, play area surfacing, all epoxy and coated metals used in fencing and site furnishings like benches and picnic tables.

A new playground at Lindberg Park will provide play equipment that meets the safety criteria and age-segregation criteria of the Consumer Product Safety Commission (CPSC) Guidelines for Public Playground Safety. All equipment that does not meet the CPSC Guidelines must be removed. Adequate safety zones will be provided around each piece or area of play equipment with safety surfacing material that meets the test requirements of the CPSC and the latest American Society of Testing and Materials (ASTM) criteria.

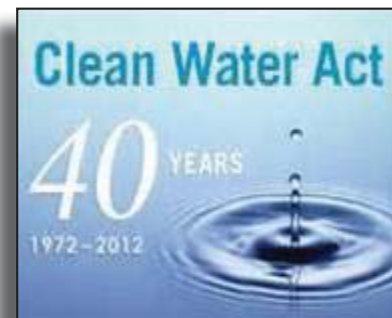
#### 6. Riparian Protection –Allentown Source Water Protection Zone

There is no water body or riparian buffer within the boundaries of Lindberg Park.



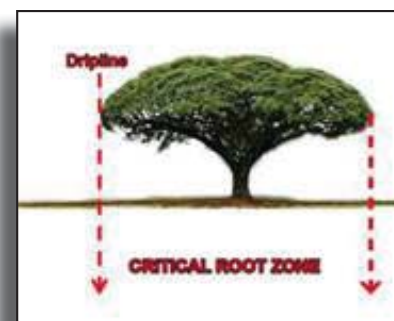
Since passage of the Safe Drinking Water Act, our nation has enjoyed one of the safest and cleanest supplies of drinking water in the world. Protecting water at the source is the first critical step in a multiple-barrier approach. The City of Allentown applied for Source Water Protection Zone status for the Little Lehigh Creek Watershed. Water from Lindberg Park sheets flows to Lindberg Avenue and is carried to a discharge point above the Little Lehigh Creek. The southeast tip of the park falls within Allentown's Source Water Protection Zone.

The installation of rain gardens, infiltration areas in parking lots, vegetated swales and pervious paved areas will cleanse and infiltrate storm water on the site, preventing this water from contributing to the storm water runoff that flows untreated to the Little Lehigh Creek watershed.



## 7. Protection of Natural Site Features

The greatest natural resource existing at Lindberg Park is the existing trees. The trees at Lindberg Park should be identified with signs. This was recommended by the Salisbury Township Natural Resource Inventory. The trees are mature and have created groves and groupings, often blocking sunlight that is necessary to ensure healthy turf grass. The ground underneath these trees and groupings is barren and eroded. These groups of trees should be vertically mulched to reduce the negative effects of compaction and then under-planted with native perennials. Mass plantings of ferns, pachysandra, columbine, sedges, lobelia and others common to Allentown EcoRegion 67a, will reduce the amount of lawn that is maintained and will keep people on the paths, reducing soil compaction. A large percentage of the interior of the park could be devoted to native plantings.



The park is bordered on two sides by a hedgerow that has been left to expand into the park unmanaged. This buffer does contain some invasive plants. These invasive plants should be eradicated, for the existing buffer area provides a wonderful opportunity to install a buffer that supports wildlife with educational signs to inform the public concerning the benefits of wildlife and specific plants included in the planting.



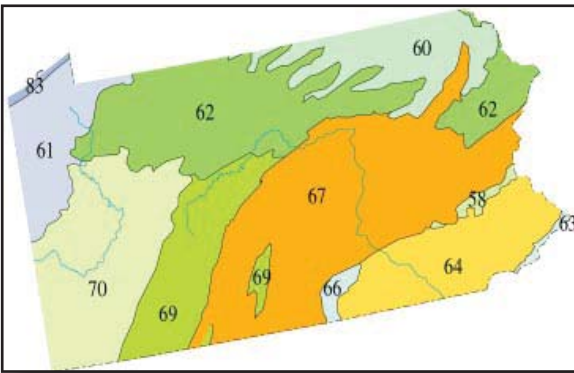


## 8. Sustainable Design and Green Infrastructure

### A. Sustainable Community Park and Landscape Design Principles

These principles have been referenced in all phases of this project and include:

- Protect the existing mature trees
- Minimizing earth disturbance
- Create contiguous areas of native plantings, wildlife friendly buffers, and remove invasive plants in the buffer areas.
- Implement best storm water management practices to infiltrate stormwater on the site
- Minimize chemicals used in lawn maintenance
- Maximize the use of porous paved surfaces
- Implement green building practices in the renovations to the pavilion

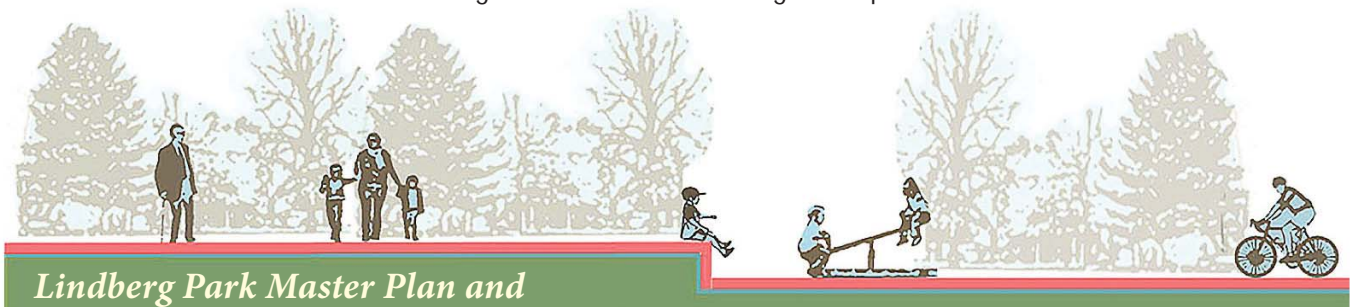


Salisbury Township lies in the PA EcoRegion 67a, part of the Great Valley Section, which consists of a very broad lowland that lies south of Blue Mountain in southeastern Pennsylvania. The lowland has gently undulating hills eroded into shales and siltstones on the north side of the valley and a lower flatter landscape founded on limestone and dolomites to the south. Local relief is generally less than 100 feet, particularly in the carbonate area, but may be up to 300 feet in the shale area. Several large water bodies such as the Susquehanna and Schuylkill Rivers cut across the Great Valley. Woodlands tend to be Oak-Hickory-Pine communities.

### B. Sustainable Sites Initiative

The central message of this initiative is that any landscape holds the potential both to improve and to regenerate the natural benefits and services provided by ecosystems in their undeveloped state. By recommending the installation and maintenance of native vegetation and soils we provide the following benefits:

- Reduction of greenhouse gases and Conserving Energy
- Cooling urban land areas
- Minimizing water use
- Protection of Water Sheds
- Reduction of Lawn Maintenance Waste
- Promoting the health and well being of People



*Lindberg Park Master Plan and*

The Initiative's Guidelines and Performance Benchmarks 2009 focuses on measuring and rewarding projects that protect, restore and regenerate ecosystem services – such as cleaner air and water, climate regulation and human health benefits. The rating system contains 15 prerequisites and 51 credits that cover all stages of the site development process from site selection to landscape maintenance.

The proposed 2013 Prerequisites and Credits will be referenced when designing the landscape, wildlife buffers, playground areas, tranquility garden, natural stormwater management facilities and the pavilion renovations at Lindberg Park.



#### C. United States Green Building Council. LEED.

The pavilion at Lindberg Park is the only structure to which green building principles could be applied. In the renovation of the building, LEED principles will be used to the extent possible. The LEED green building rating system -- developed and administered by the U.S. Green Building Council, is designed to promote design and construction practices that reduce the negative environmental impacts of buildings while improving visitor health and well-being.

A LEED certified architect will be needed to evaluate how best to renovate the existing pavilion and rest rooms in an environmentally conscious way.



#### D. DCNR Green Principles

DCNR's green principles have been referenced throughout this master plan report, including:

- Control and Protect Water Resources
- Protect and Promote Natural Landscaping and Trees
- Implement Green Design and Construction Practices
- Connect People to Nature





## E. Green Materials and Designs

### 1. The Cost Benefit of Green Design and Materials

Green design concepts can add between 2 and 5%, at 2012 market prices, to the initial cost of a project but those costs are typically recovered within 10 to 15 years, with the expense of maintenance and repair being lower. The concept is to utilize materials and methods that utilize less energy and less waste to create a final product that will require less upkeep and repair over a longer life.



### 2. The Cost Benefit of Low Impact Design and Maintenance

Native plants require less water, fertilizer, pruning, and if sited correctly will be more likely to survive. Allowing dead trees to stand for use by wildlife, while adding brush piles and rocks to wildlife buffer plantings will save man-hours and reduce maintenance costs. Turfgrass costs, on average, 1000 dollars per acre per year to maintain. Lindberg Park, at 20 acres in overall size, could cost the township 20,000 dollars per year. Much of the turf grass at the park, outside of the active recreational field areas can be replaced with natives. Much of the area proposed for native plantings will be heavily shaded, while the wildlife buffers on the east and north property lines will be quite sunny. This will allow for more types of natives to be introduced.

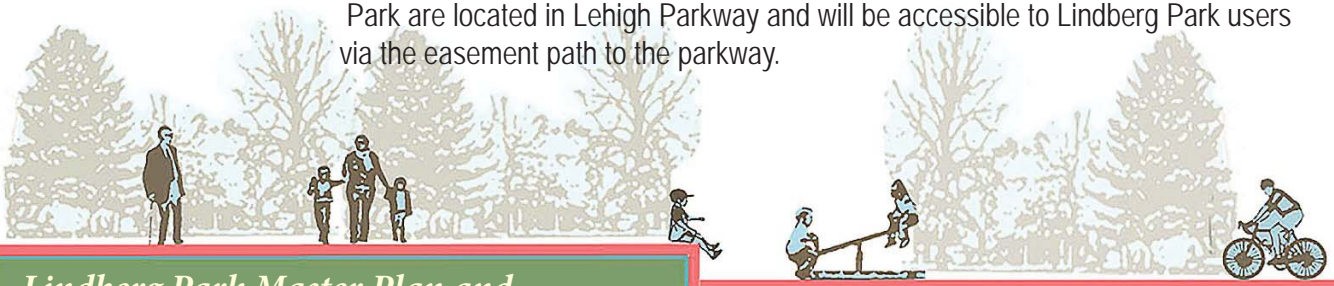
### 3. Life Cycle Costs of Specific Alternative Green Materials



The Master Site Plan for Lindberg Park will include options for each phase of development. As development proceeds, options will be explored and analyzed for initial costs, lifetime cost benefit, sustainability, projected maintenance costs, and environmental benefits.

## F. Historic Areas and Structures

The trees are the most historic resource at Lindberg Park. There are no buildings or remnants of americana at Lindberg Park. The closest historical sites to Lindberg Park are located in Lehigh Parkway and will be accessible to Lindberg Park users via the easement path to the parkway.



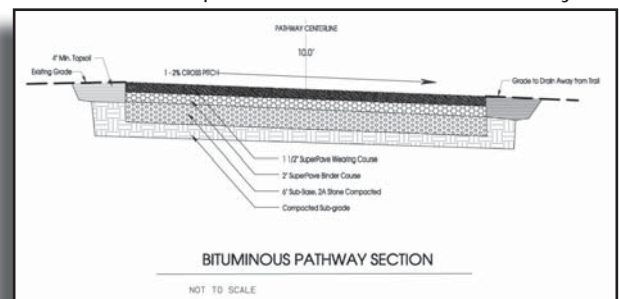
## F. DESIGN PROCESS

### 1. Preliminary Alternative Sketch Drawings

The facilities survey the committee responded to early in the master plan process determined which facilities at Lindberg Park would be retained, removed, renovated or added. The responses to the survey formed the basis for each one of three concept plans that were presented to the committee for review and comment. One key objective identified by the committee is that the park retains its character as a quiet neighborhood park, and that changes in facilities will not alter the safe natural feel of the park. All three concepts included:

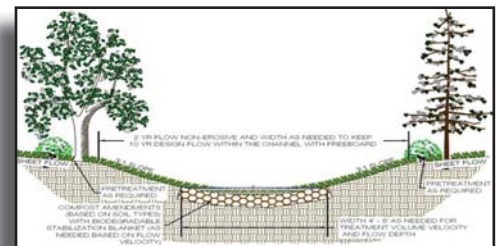
#### A. Enhanced Connections

1. Create access to all facilities via a new multi-use perimeter trail and a secondary path system
2. Create stable walking path to connect Lindberg Park to Little Lehigh Greenway
3. Connect surrounding neighborhoods to Lindberg Park with crosswalks, dedicated Multi-use travel lane
4. Calm traffic by creating a neighborhood gateway or park slow down zone



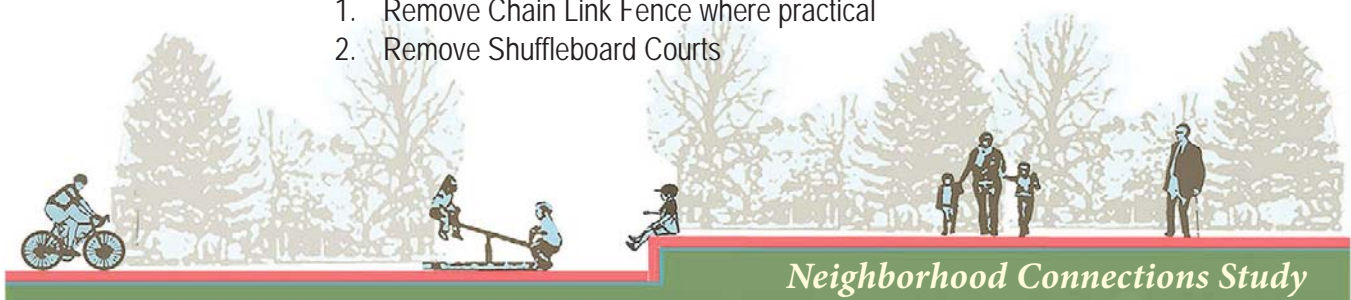
#### B. Green Principle Renovations

1. Renovate Pavilion and Restrooms incorporating green principles
2. Renovate Playground to provide Inclusive and Nature Play Areas
3. Renovate Parking Areas to Improve Circulation and Provide Infiltration Areas
4. Renovate Blind Garden Area with pervious paving, rain and native plant gardens.
5. Enhance existing buffers with wildlife supporting native plants and remove invasive plants
6. Use Solar Lighting where lighting might be needed



#### C. Removals

1. Remove Chain Link Fence where practical
2. Remove Shuffleboard Courts





#### D. Concept A

Concept A included all of the above committee recommendations in addition to the following:

- Relocate Sand Volleyball Court to a higher elevation to improve drainage
- Create a second access drive for the Lindberg Avenue Parking Lot
- Add (2) Ten and Under tennis courts
- Clear Trees in the southern corner of the park to create a small active lawn area
- Replacing Fence surrounding playground with a sustainable aesthetic alternative

#### E. Concept B

Concept B included all committee recommendations in addition to the following:

- Infiltration and planting area in the center of the Lindberg Avenue Parking Lot
- Install fencing inside of the perimeter trail, limiting access to bicycles and dogs. Post no dog or bike signs with bike racks at access points. Dogs and bikes will be permitted on the perimeter trail, but not within the interior of the park.
- Relocate the Tranquility Garden Area to the southern corner of the park
- Installing 10 and Under Tennis or Pickleball Courts
- Create a planted berm to separate the playground area from adult facilities
- Install a baseball storage shed
- Create a curvilinear secondary pedestrian path system to connect interior facilities.

#### F. Concept C

Concept C included all committee recommendations in addition to the following:

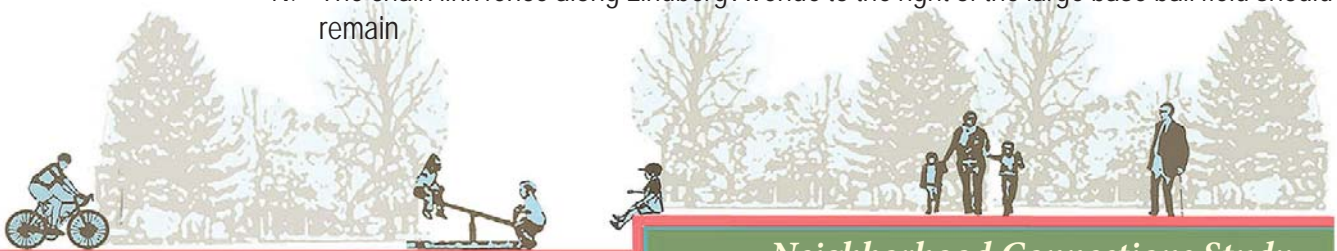
- Create a curvilinear secondary interior pathway system, placing existing memorials into pedestrian traffic circles for higher visibility
- Regrade Playground Area to a consistent 1-2% slope, repurposing the excavated soil to create berms separating areas
- Relocate Sand Volleyball Court to the southern tip of the park
- Install Pickleball Courts
- Add a second Driveway to the Lindberg Avenue Parking Lot
- Enhance Park Entrance Signs
- Create a pedestrian gateway to the park at a proposed crosswalk installation at the intersection of Lindberg Avenue and Buckingham Road
- Install a baseball storage shed/concession stand



## 2. Evaluation of Preliminary Concepts

The committee focused on the proposed facilities and the placement of those facilities in their comments. The committee approved of the following facility changes:

- A. The Perimeter Trail is a must have and remains a high priority.
- B. Fencing the interior of the perimeter trail and limiting park access to bicycles and pets, while allowing cyclists and dog walkers access to the park and the easement connecting with the Little Lehigh Greenway
- C. Re-configure the parking areas and provide drop off areas
  - 1. One wider entrance with a loop drop off at the Lindberg Avenue Lot
  - 2. Aligning the smaller parking area entrance with Greenbriar Roads alignment and adding a small Drop Off Loop
  - 3. Using the interior of the Drop Off Loops as Infiltration Areas
- D. Retain the current grades and mature trees in the playground area. Use the existing gently sloped part of the playground area to create an inclusive playground, and incorporate nature play elements into the more steeply sloped areas. Leave lawn area for running games. A merry-go-round, sand pit and improved water spray areas are desirable.
- E. Remove as much of the chain link fence as possible, use planted earth berms to separate uses where needed
- F. Keep sand volleyball court in it's current location, raise the elevation and provide an under-drain system to keep sand fluffy and increase usability
- G. Shuffleboard will be removed
- H. Repair handball wall in its current location
- I. Renovate the quiet garden, keeping it in its current location. Add permeable pavers, seat walls, new plantings, but not water feature. Keep plantings natural, providing a sense of privacy but not seclusion.
- J. Baseball storage shed would be a great addition, as long as it is well integrated into the wildlife buffer or nearby, is an attractive building, and has electricity. A concession stand is not desired by the majority of the committee.
- K. Pickleball is being highly considered; 10 and Under Tennis can be played on the existing courts by adding colored stripping if the community requests this activity. Pickle ball would increase the activities available to senior residents, and can also be used by families. The court size is the same as a badminton court, so that use can be doubled by a simple net adjustment.
- L. Remove some trees and add light to the southern corner of the park with an active lawn area; would be used by summer playground program and community pick up games.
- M. The large ball field needs a new backstop
- N. The chain link fence along Lindberg Avenue to the right of the large base ball field should remain



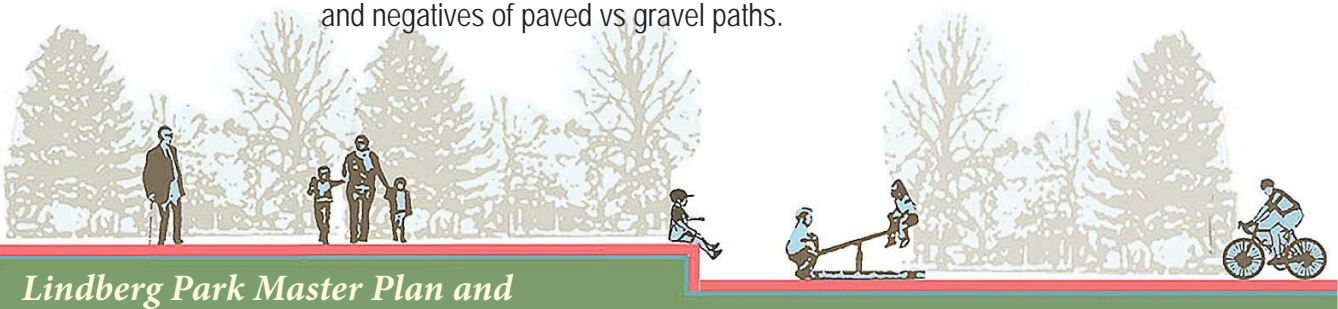


### 3. Public Comment

The concept plan presented at the first public meeting was a combination of the most preferred ideas from the three original concepts. The consultant's power point presentation began by explaining the master plan process to the public using DCNR's Scope of Work as the framework. The decisions made by the committee were explained, including the rationale behind those decisions. The Draft Site Design Drawing was then presented. The complete minutes from the first public meeting and the advertisement can be found in the appendix of this master plan report.

Public Comment Included:

- A. There was no objection to the addition of ADA connections to facilities; however, this is not generally perceived as lacking in the current layout of the park. Many people in attendance were not familiar with the terms "inclusive play" or the meaning of ADA. The consultant provided census numbers of persons within the general population of Salisbury Township who are physically, mentally or sensory challenged and are un-served by the facilities currently available in the townships parks.
- B. The perimeter path and the elements to provide a stronger neighborhood connection were well received. It was agreed that traffic calming is necessary on Lindberg Avenue in the area of the park. The development of the footpath and connection to the Little Lehigh Greenway was well supported by public comment.
- C. There is support for removing the chain link fence, with the exception of the chain link fence along Lindberg Avenue in the area of the baseball field. It is felt this section should remain to keep kids safe and off of the street. Hedges were mentioned as an alternative, and the majority in attendance felt hedges would not provide an effective barrier.
- D. The existing utilities in the park were reviewed. There was a fountain in the former blind garden area which is located by survey on the plan. The water in the playground area is still in use. There is a sewer lateral through the park which connects to a home on the western perimeter of the park.
- E. It was asked if there were any species of special concern at the park. The consultant reported there were none identified on the PNDI or by field investigation.
- F. The public strongly desires the existing memorials are preserved.
- G. Pickle ball received some interest.
- H. Storm water management facilities are recognized as necessary, and it was asked if rain gardens would mean areas of standing water. The mandated drainage time for rain gardens was explained. There was discussion concerning the addition of impervious pavements for the new pathways. Maintenance and ADA were discussed with positives and negatives of paved vs gravel paths.



- I. Many comments came from adjacent property owners. They want the chain link fence between their properties and the park to remain, and a greater distance between the perimeter trail and their properties.
- J. It was mentioned that there is a vacant parcel used to access the park. It was asked if the township could buy this lot to provide easier pedestrian access for the neighborhood to the south of the park.
- K. Maintenance of the lawn and plantings was acknowledged as somewhat lacking.
- L. Funding, a timeline for completion and budgeting were all questions from the public that will receive further consideration as the plan is finalized.

#### 4. Final Draft Plan Presentation

The draft Master Plan for Lindberg Park was revised as per public meeting comments and reviewed at a committee meeting. The primary revision to the plan was the relocation of the perimeter trail on the western and southern property lines, keeping the chain link fence at the property line and adding a 20' native plant buffer between the trail and the adjacent homes. The Revised Draft Site Design Drawing was reviewed. The following plan elements were reviewed:



##### A. Connections:

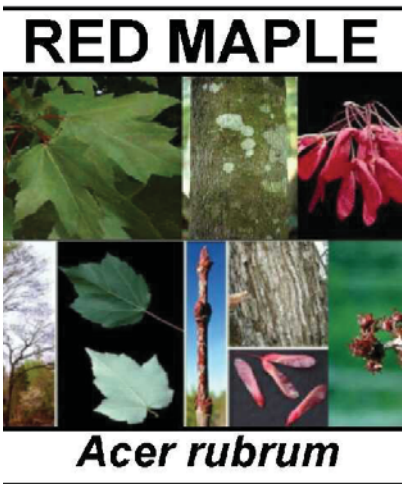
- 1. A dedicated multi-use lane or sidewalk on Lindberg Avenue
- 2. Crosswalks on Lindberg Avenue
- 3. Traffic calming on Lindberg Avenue
- 4. Installation of a gravel trail to connect Lindberg Park with the Little Lehigh Greenway
- 5. The township should purchase the adjacent vacant lot on the south west side for pedestrian access.

##### B. Fencing:

- 1. The Chain Link fence will remain on the north side of the ball field along Lindberg Avenue. This could be replaced with a more aesthetic option in the future.
- 2. Chain link fencing 20' from the western property line will be reinstalled within 1' of the western property line with a 20' planted buffer between the adjacent homes and the perimeter trail







3. Fence should be installed on the inside of the perimeter trail to segregate bikes and dog walkers from the interior facilities of the park, where bikes and dogs have caused problems in the past. New fence should be sustainable, locally sourced and aesthetically pleasing. Bike racks will be provided near key facilities for use by cyclists.
4. Chain link fencing will be replaced by a planted berm between the sand volleyball court and the playground area .

C. Utilities:

1. There may be live electrical wires in the park. As development proceeds, caution should be used and any found wire shall be placed in conduit and brought up to current electrical codes.
2. The baseball shed and flag should have lighting. Solar lighting options would be desirable and should be explored.

D. Native Plant Gardens and Wildlife Buffers

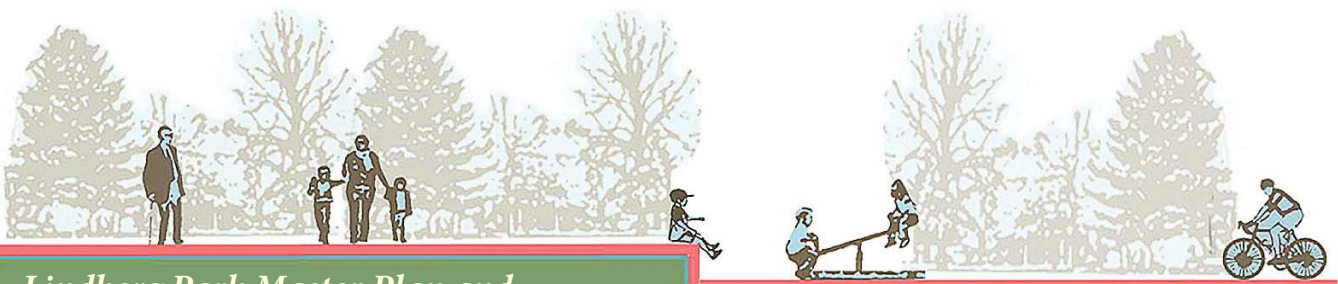
1. It is important to remove the invasive species in the buffer zones.
2. Trees should be identified with educational signs.
3. Existing memorials will be preserved and enhanced.

E. New Facilities

1. 10 and Under Tennis can be added to existing adult tennis courts
2. Pickle ball is available in the Philadelphia area, and would be a good addition to the park to create more recreational opportunities for older adults as well as families.
3. The need to provide access to facilities for the 13% of the population of Salisbury Township that is handicapped was acknowledged as important

F. Stormwater

1. Pervious pavement is preferred to asphalt. Although bituminous surfaces meet ADA guidelines, are the most affordable and easy to maintain, they contribute to storm water run-off and the heat island effect.
2. Pervious paving options will be explored as development progresses.



G. Maintenance

1. The existing maintenance of the pavilion and rest rooms, and routine maintenance like trash pickup is sufficient at the park.
2. The existing maintenance of the landscape at the park is not adequate.
3. The township has the equipment to perform the necessary tasks that will be required to maintain this park at a higher level.
4. Manpower should be evaluated to see if training or additional man hours can be directed towards landscape maintenance at the parks.
5. It is understood that including large areas of native plantings will give the park a different look that park users will need to adjust to. This will benefit wildlife and will protect the existing mature trees from further root compaction. There will be large areas that will no longer be maintained as mowed lawn. These natural areas will be allowed to develop naturally, with only invasive plants weeded out.
6. Sweetgum trees should be removed if they are close to proposed pathways. The prickly fruits are dangerous to walkers and they make maintenance difficult by getting stuck in equipment.

H. Renovations

1. The pavilion and restroom renovations should be a priority.

I. Security

1. Park closing and opening times should remain the same.
2. Gates could be added at vehicular entry points in the future if needed. They are not needed now as uninvited night time use of the park is not a concern.
3. Lighting in the parking lots should be added. Enough light to feel safe at dusk, but not enough to encourage people to enter after the park is closed. The pavilion should have a security light if anyone enters on foot.



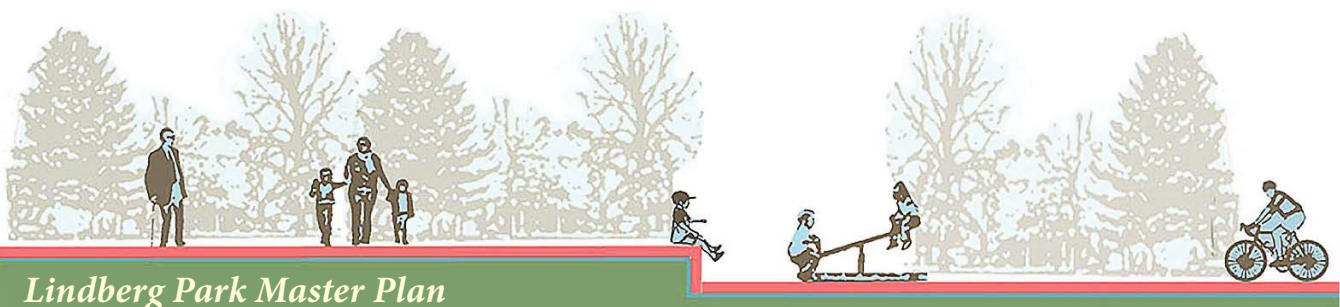


## 5. Public Comment on the Final Master Site Design Plan for Lindberg Park

The second public meeting was held Dec. 10, 2012 to review the revised Draft Site Design Drawing. The meeting was well attended, and after a power point presentation highlighting the major design elements of the plan, and some options for funding the improvements, the public offered the comments on the following items:

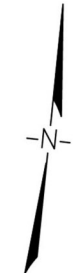
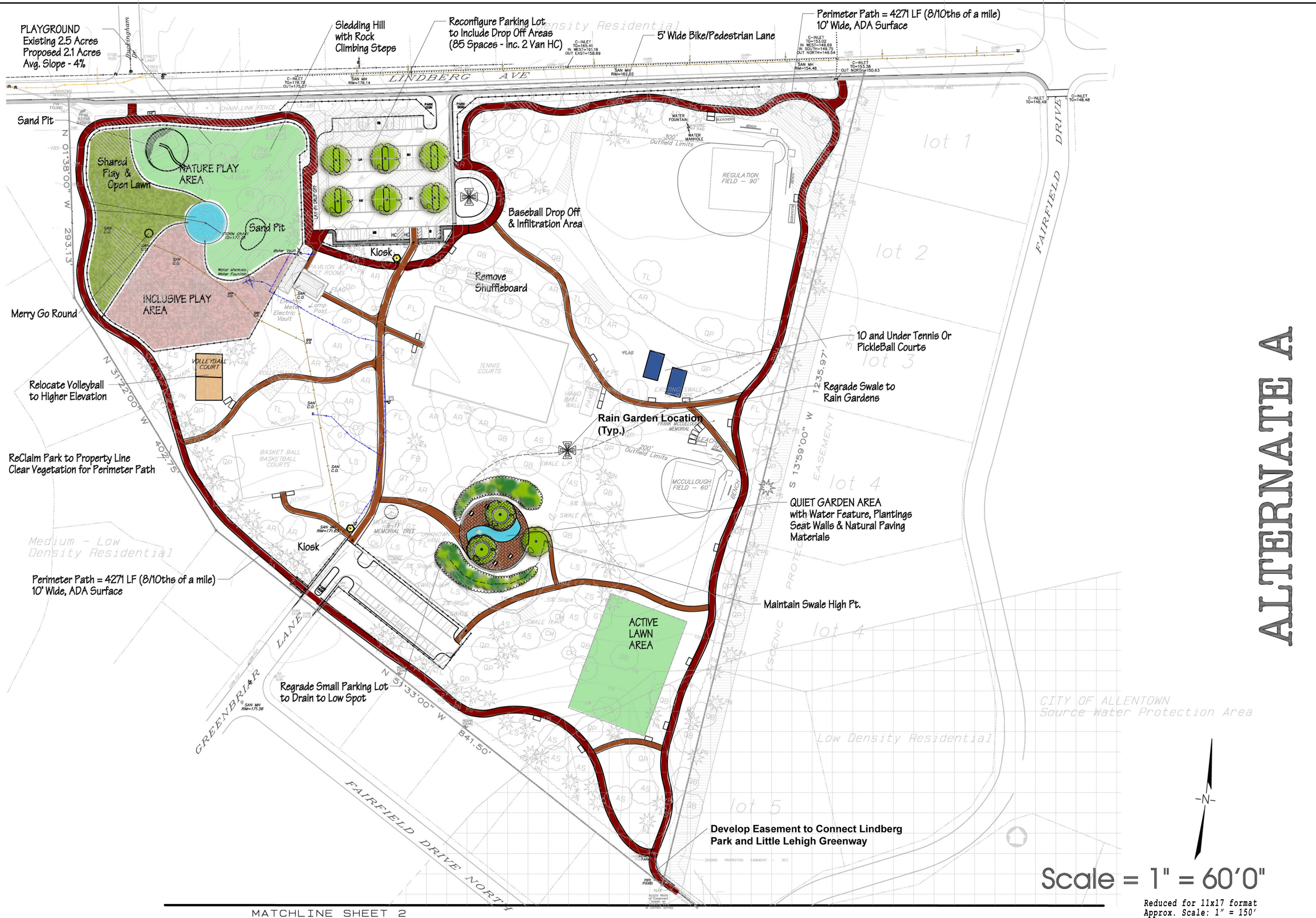
- The need to calm traffic on Lindberg Avenue and on Fairfield Drive is important. The consultant added that signs and visible crosswalks symbols in the street were options to minimize speeding. Lighting on Lindberg Avenue was suggested.
- The width of the cartway on Lindberg Avenue was discussed and the spacing of the bike lane and available travel lane widths.
- Privacy from the small parking lot was mentioned. The consultant pointed out the 20' planting buffer and the perimeter trail between the parking lot and the property line.
- Planting concerns included what sorts of plants were going to go into the wildlife buffer and if the memorials were going to be preserved? Native plants and wildlife supporting varieties were provided, and the memorial areas were illustrated with additional planting.
- Rules regarding who and what activities would be allowed on the perimeter trail were an issue. Dogs remain a concern, even if only allowed on the perimeter trail. Motorized bicycles are not supported in the opinion of the public.
- The public was in favor of using solar power for lighting in the parking areas, at the baseball storage shed and for the flag pole.
- There was concern that the tennis players would not like the batting cages being so close to the tennis courts. There was no real consensus here.
- The timeline for the project and the need for phases was discussed.
- Project costs were discussed as well as the cost of the Master Plan. The consensus was that the real needs at the park were the perimeter trail, the secondary pathways and the pavilion and rest room renovations are the real needs of the community. The other facilities are nice but if the money is not available to build them, the park will still be nice.
- It was mentioned that a large tree fell on the playground slide and destroyed it, and the baseball backstop is being held together with wires. Those items need to be replaced.
- The baseball teams are starting to raise money for the improvements they would like to see added at Lindberg Park.

The complete minutes from the meeting as well as the Proof of Advertisement can be found in the appendix.





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7/23/2012

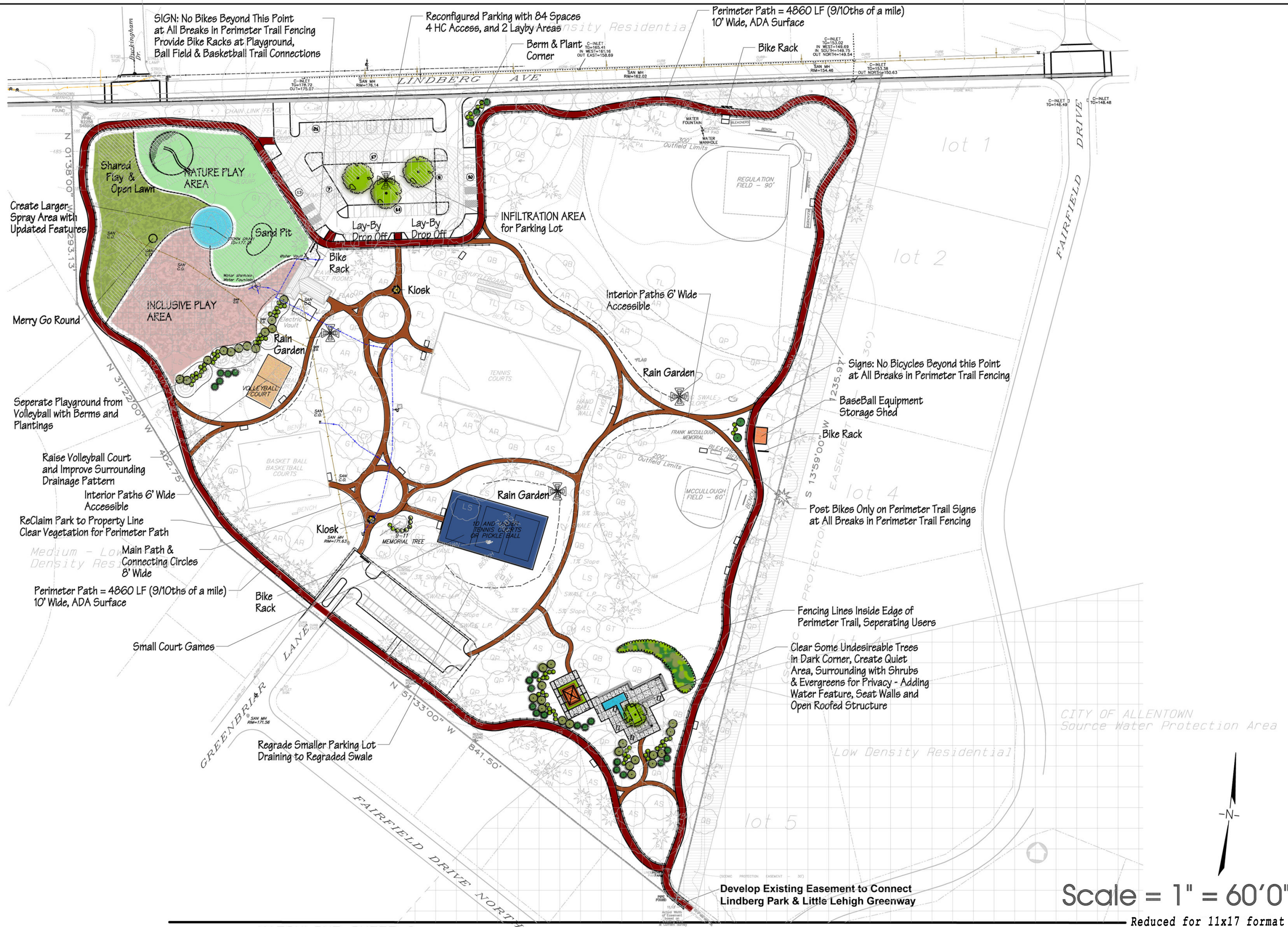


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Approx. Scale: 1" = 150'

SCALE: AS SHOWN	PROJECT NO. 2305-5		Urban Research & Development Corporation 28 West Broad Street, Bethlehem, Pennsylvania 18018, 610-865-0701 CONTACT: Len Polinski (610) 865-0701	OWNER: <b>SALISBURY TOWNSHIP</b> 2900 South Pike Avenue Allentown, PA, 18103 CONTACT: Mr. Randy Sciarra (610) 797-4000	LINDBERG PARK MASTER PLAN & NEIGHBORHOOD CONNECTIONS STUDY	DATE: July 23, 2012 REVISIONS:





# ALTERNATE B

SCALE:

AS SHOWN



LANDSCAPE ARCHITECTS - ENGINEERS - PLANNING CONSULTANTS  
Urban Research & Development Corporation  
28 West Broad Street - Bethlehem, Pennsylvania 18018 - 610-865-0701  
CONTACT: Len Polakoff (610) 865-0701

OWNER: SALISBURY TOWNSHIP

2900 South Pike Avenue  
Allentown, PA, 18103

CONTACT: Mr. Randy Scialoja (610) 797-4000

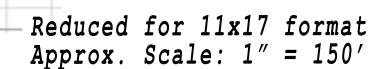
LINDBERG PARK MASTER PLAN &  
NEIGHBORHOOD CONNECTIONS STUDY

Proposed Improvements to Lindberg Park

SALISBURY TOWNSHIP  
LEHIGH COUNTY, PENNSYLVANIA

DATE: July 23, 2012  
REVISIONS:





**SCALE:**  
**AS SHOWN**

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8/27/2012





DATE: JULY 23, 2012  
REVISIONS: Sept. 23, 2012

**LINDBERG PARK MASTER PLAN & NEIGHBORHOOD CONNECTIONS STUDY**

Proposed Improvements to Lindberg Park  
Funding Provided By:  
PA. Department of Community & Natural Resources

**Master Plan  
Site Design Drawing**

**OWNER:**  
**SALISBURY TOWNSHIP**  
2900 South Pike Avenue  
Allentown, Pennsylvania  
Lehigh County

CONTACT: Mr. Randy Sorensen (610) 797-4000

Landscape Architects - Engineers - Planning Consultants  
**Urban Research & Development Corporation**  
28 West Broad Street, Bethlehem, Pennsylvania 18018 • 610-855-0701



**1** SHEET

PROJECT CONTRACT  
Lan Pollalis  
PROJECT NO. 2305-5





**LEGEND**

- Park Boundary Line
- Adjoining Property Lines
- Utilities - Storm Water
- Utilities - Gas & Water
- Utilities - Sanitary Sewer
- Utilities - Poles & Overhead Wires
- 10' Existing Contour
- 1' Existing Contour
- Existing Specimen Tree
- Proposed Trails
- Proposed Wildlife Buffer
- Proposed Pervious Paving
- Proposed Rain Garden & Vegetated Swale
- Proposed Plantings
- Proposed Rest/Bench Spot
- Proposed Active Recreation Facilities
- Proposed Crosswalks
- Proposed Dedicated Non-Vehicle Lane

**AREA** - Lindberg Park is 19.76 Acres

**ZONING** - Public Recreation/Open Space

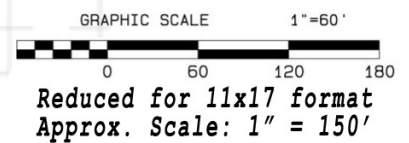
**WATER** -  
Water from the park flows into the Little Lehigh Creek Watershed. The water in the Little Lehigh has been given a water quality rating of HQ-CWF (High Quality Cold Water Fishery). The Little Lehigh Creek was nominated as a Critical Water Planning Area in 2009, needing continuing review and evaluation. The southern most tip of Lindberg Park falls into the Allentown Source Water Protection Area Zone A.

**SOIL** -  
The soil at the park is UnB, or Urban Land Duffield Complex. Duffield Silt Loam on 3-8% slopes, is well drained and moderately eroded. The underlying geology is Allentown Dolomite.

**TRAFFIC** -  
Lindberg Road is a Collector Street, connecting 24th St. and Cedar Crest Boulevard. The Speed Limit on Lindberg Avenue is not posted. Township Ordinances define it as 35 MPH.

**NATURAL RESOURCES** -  
The Salisbury Township Natural Resource Inventory found no invasive plant materials at the park. The report suggests identifying the large native trees in the park and creating native plantings of wildflowers. A Pa Inventory of Natural Diversity found no existing natural features in the area of Lindberg Park that would be negatively impacted by development.

CITY OF ALLENTOWN  
Source Water Protection Area



DATE: July 23, 2012  
REVISIONS: Sept. 23, 2012  
Dec. 10, 2012

**LINDBERG PARK MASTER PLAN & NEIGHBORHOOD CONNECTIONS STUDY**

**Master Plan**  
**Site Design Drawing**

Proposed Improvements to Lindberg Park  
PA: Department of Conservation & Natural Resources  
2012 Grant

**OWNER:**  
**SALISBURY TOWNSHIP**  
2900 South Pike Avenue  
Allentown, Pennsylvania  
Lehigh County  
CONTACT: Mr. Randy Bortone (610) 797-4000

Landscape Architects - Engineers - Planning Consultants  
**Urban Research & Development Corporation**  
28 West Broad Street, Bethlehem, Pennsylvania 18018, 610-866-0701

1  
SHEET

PROJECT CONTACT  
L. J. Parnell

PROJECT NO. 2305-5



## **G. DESIGN COST ESTIMATE**

Lindberg Park was built in 1972, and since that date has seen very little in the way of updates to the facilities. Every aspect of the park needs to be updated to meet the standards and needs of users today.

The work has been broken into several phases. These phases can be combined, or selected to be developed in a different order as funding proceeds and needs change.

Costs provided are based on recent bids for work completed in 2012. There are a number of factors that could result in costs being more or less than projected.

- There are usually obstacles that remain undisclosed until construction begins which result in cost increases. These can not be anticipated, but hopefully the money budgeted for contingency will cover unforeseen expenses.
- Volunteer labor may be used to plant wild life buffers, install playground components and other small site facilities. Contractors may be willing to provide free labor if they can be recognized with a small sign or plaque.
- Salisbury Townships Public Works Department may be able to complete a good deal of the work themselves under the direction of the township engineer or landscape architect. Public Works owns a wide range of equipment to perform all aspects of public infrastructure maintenance and repair, most of which they do perform in-house.



**PHASE 1**

Bituminous Perimeter Trail	8' x 4086'	3,632 SY	65.00 SY	\$236,080
Clear, Grub & Strip & Stockpile Topsoil	12' x 4086'	1 LS	8,500.00 LS	\$8,500
Install Topsoil & Seed Shoulders	4' x 4086'	1,816 SY	3.00 SY	\$5,448
Provide Crosswalks at Intersections- Thermoplastic Striping	6 x 8' width	1 LS	1,500.00 LS	\$1,500
Install Funding Recognition Sign		1 EA	1,500.00 EA	\$1,500
Clear and Grub for Little Lehigh Greenway Access Trail	10' x 490'	100 SY	3.00 SY	\$300
Install 2 Concrete Curb Ramps at Fairfield Dr with DWS Tiles	2' x 4'	2 EA	240.00 EA	\$480
Install 6' Crushed Limestone LLG Access Trail	6' x 490'	327 SY	30.00 SY	\$9,810
Topsoil & Native Seed Mix on Shoulders	4' x 490'	1960 SF	3.00 SF	\$5,880
				\$269,498
Design & Engineering				\$40,425
Contingency				\$30,992
				<b>\$340,915</b>

**PHASE 2**

Wood Split Rail Perimeter Trail Fencing with Wire Mesh	4' Ht	4,143 LF	11.00 LF	\$45,573
Privacy Fencing As Needed	6' Ht.	490 LF	12.00 LF	\$5,880
Wildlife Buffer Seed Mix	Seed Mix	0.5 AC	1,500.00 AC	\$750
Wildlife Buffer Trees & Shrubs		1,400 LF	3.00 LF	\$4,200
				\$56,403
Design & Engineering				\$8,460
Contingency				\$6,486
				<b>\$71,350</b>

**PHASE 3**

Renovate Baseball Fields, including new backstop, bull pens with access paths		1 LS	5,000.00 LS	\$5,000
Baseball Storage Shed with Concrete Base	10' * 12'	1 LS	4,000.00 LS	\$4,000
Install Wall Behind large field to allow level area for bull pens	180' x 2' Ht	360 FF	50.00 FF	\$18,000
Batting Cages with Gravel Access Paths	2 Cages, 4' paths	1 LS	6,000.00 LS	\$6,000
				\$33,000
Design & Engineering				\$4,950
Contingency				\$3,795
				<b>\$41,745</b>

**PHASE 4**

Pavilion and Restroom Upgrades				
Raise Pavilion Roof		2100 SF	20 SF	\$42,000
Add Stone Veneer to Walls		630 SF	14 SF	\$8,820
ADA & Green Bath Renovations		1 LS	16180 LS	\$16,180
				\$67,000
Design & Engineering				\$10,050
Contingency				\$7,705
				<b>\$84,755</b>





**PHASE 5**

Removing Existing Maintenance Pathway		650 SY	15.00 SY	\$9,750
Install New Bituminous Pathway System	6-8' Wide	2,204 SY	65.00 SY	\$143,260
Install RainGardens, Swales Clear/Grub		1 LS	12,750.00 LS	\$12,750
Blind Garden Area, Add Topsoil & Seed				
Install Bench/ADA Resting Pads	12 x 30 SF	40 SY	65.00 SY	\$2,600
Install 12 Benches	6'	12 EA	600.00 EA	\$7,200
				\$175,560
				Design & Engineering
				\$26,334
				Contingency
				\$20,189
				<b>\$222,083</b>

**PHASE 6**

Bike Lane & Traffic Calming -	0.7 miles x 10' wide	36,960 SF	4.00 SF	\$147,840
				\$147,840
				Design & Engineering
				\$22,176
				Contingency
				\$17,002
				<b>\$187,018</b>

**PHASE 7**

PlayGround Renovations		2 AC		\$300,000
				Design & Engineering
				\$45,000
				Contingency
				\$34,500
				<b>\$379,500</b>

**PHASE 8**

Renovate Large Parking Lot		29,583 SF	8.55 SF	\$252,935
Add Pervious Pave Areas, Infiltration				
Areas, Drop Off Loop & LayBy				
				\$252,935
				Design & Engineering
				\$37,940
				Contingency
				\$29,087
				<b>\$319,962</b>

**PHASE 9**

Renovate Small Parking Lot		14,871 SF	12.00 SF	\$178,452
Remove & Replace, Add Pervious Parking				
Area, Drop off Loop and Infiltration				
				\$178,452
				Design & Engineering
				\$26,768
				Contingency
				\$20,522
				<b>\$225,742</b>

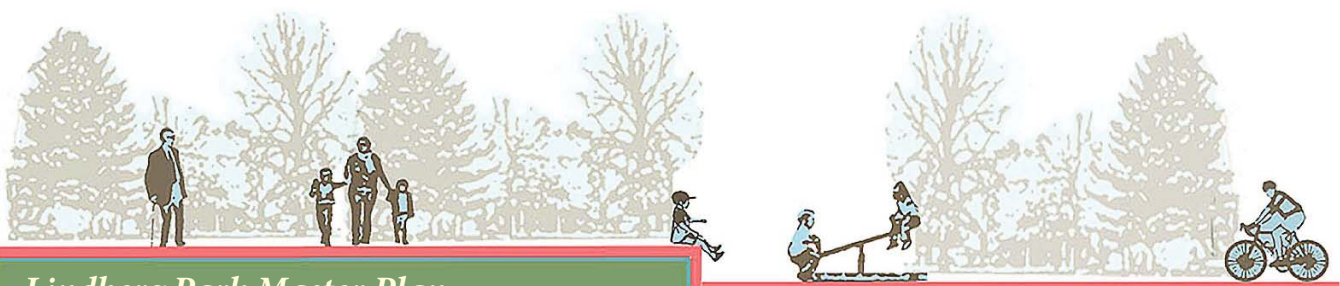
**PHASE 10**

Tranquility Garden Plantings				\$70,500
Install New Tranquility Garden	PermPave	1 LS	85,000.00 LS	\$85,000
				\$155,500
				Design & Engineering
				\$23,325
				Contingency
				\$17,883
				<b>\$196,708</b>

**PHASE 11**

Repair Handball Wall	Resurface	1 LS	1,500.00 LS	\$1,500
Install 2 Pickle Ball Courts w. Fencing		1 LS	40,000.00 LS	\$40,000
Reinstall Sand Volleyball Court	UnderDrain	1 LS	9,500.00 LS	\$9,500
Install Shade and Sunny Meadow Native	Seed Mix	2 AC	1,500.00 AC	\$3,000
Plantings				
1125 LF Shrubs Only		1,125 LF	3.00 LF	\$3,375
				\$57,375
				Design & Engineering
				\$8,606
				Contingency
				\$6,598
				<b>\$72,579</b>







## **H. MAINTENANCE, OPERATING COSTS & REVENUES**

The maintenance of a public park is crucial to creating a place the community wants to use and visit often. A steady revenue stream is necessary to provide the maintenance and programming for an attractive and safe public park. This does not happen without solid planning and community support. An ongoing commitment by all municipal departments and the residents of the community will be critical in upgrading and maintaining this beautiful neighborhood park.

### **1. Existing Maintenance and Operations**

#### **a. Facilities and Vegetation**

The Public Works Department is in charge of maintaining the park's facilities. Trash is collected and the rest rooms are serviced three times a week. Playground facilities are re-mulched and reviewed for obvious safety concerns each spring. Vegetation control is practiced in the spring and in the fall, and the lawn is cut as needed. Trees have been removed where there has been significant damage and if any large limbs appear to pose a threat to the public they are pruned. The police department opens and closes the park and pavilion rest rooms daily.



The townships annual general fund budget provides money for the necessary upkeep of facilities at Lindberg Park. The available money has not kept pace with upgrades and renovations found in newer parks, such as those necessary to provide safe and inclusive play spaces or ADA accessibility to facilities in the township's parks. The baseball associations assist with field maintenance by providing materials and equipment during the baseball season to keep the fields in good condition between the times that public works adds infield mix or cuts the grass.

Public comment suggests that vegetation management during the summer is insufficient. Maintaining park facilities in a first rate condition will encourage visitors to respect and properly use the facilities. Additional grounds maintenance and personnel should be trained and scheduled to work in the parks during the peak use season to ensure proper care in the future.



### b. Administration

Several municipal departments and the Recreation Advisory Committee coordinate the management of Lindberg Park. The Public Works Department follows a yearly maintenance “to do list” provided by the Recreation Advisory Committee, schedules and provides basic maintenance services. The Recreation Advisory Committee conducts facility inspections, creates purchase order requests for equipment needs, plans and schedules events and activities. The Recreation Director guides the Recreation Advisory Committee, administers the Summer Playground Program, and schedules the use of the baseball fields and the pavilion. The Board of Commissioners reviews the yearly budget and approves any proposed capital expenditures. There is a small line item in the township budget, within each department, for training.

The annual budget for Salisbury Township does not break out expenditures for Parks and Recreation. These expenses fall under the Department of Public Works. Public Works does not break out expenses related to individual parks within the township.

## 2. Sustainable Design Recommendations to Improve Maintenance and Operating Costs

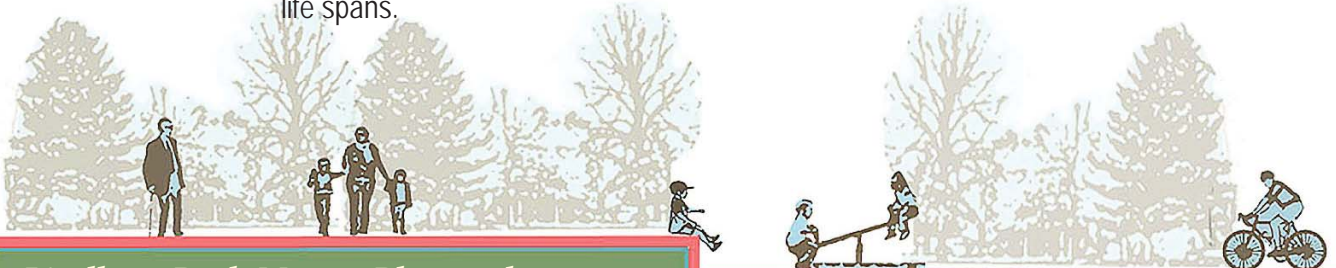


### a. Facilities

- Pavilion & Rest rooms

The concrete block pavilion needs to be painted every few years, as do the support poles, fascia and rest room doors. The recommendation for updating this structure would include the addition of maintenance free locally sourced surfacing for the block and concrete surfaces. Wooden elements that are structurally sound can be covered with sustainable maintenance free surfaces.

The township currently budgets 1000 dollars per year for materials and spends about 1800 dollars for labor to service the pavilion and rest rooms per year. Solar lighting could be installed to complement the natural light for the rest room instead of electric lighting. Waterless urinals, and flow regulators for toilets and sinks are some of the options that would reduce maintenance needs and cost to operate the rest room facilities. New rest room facilities should be analyzed to ensure they are cost effective across their projected life spans.





The run off from the roof of the pavilion is unlikely to be substantial enough to warrant the installation of a water collection and re-use system.

- Playground

The majority of playground pieces were installed in the early 1970's when the park was built. Most are stand-alone metal pieces that require yearly touch up painting. Any original paint still on these pieces may contain lead. The base material in the fall zone around each piece of play equipment is Wood Carpet mulch. The depth of this base is replenished each spring, although at almost any time after that, concrete supports are visible. The radius from the piece of play equipment falls short of minimum current fall zone standards. These current findings would suggest that either the maintenance provided or the personnel available to service the parks is not adequate and not educated in what is required to maintain a safe play area by 2012 standards. The township currently budgets 2000 dollars per year for mulching the playground pieces and spends roughly 1536 dollars for labor to provide general playground clean up and repairs during the year.



To add accessibility and create an inclusive play space, a solid impact resistant safety surface within pockets of the playground area should be installed. This would eliminate the need for the yearly mulching, and the need to excavate additional earth to create the proper fall zone radius. Solid play surfaces, wide walkways, gathering spaces and planting pockets will significantly reduce the need for lawn mowing in this 2-acre area.

The chain link fencing surrounding the park now is highly maintenance intensive. In addition the rusted areas, weeds and vines growing up through the links are sprayed with Round Up and other environmentally damaging pesticides. The brown vegetation is evident in the landscape throughout the year. Providing a wood based renewable resource fence, in a style like split rail will lower maintenance and improve the welcome factor at Lindberg Park.



Newer pieces of play equipment will be constructed from safe, recycled and sustainable materials, requiring less maintenance. Natural play shall be incorporated into the playground, making use of the shade from the mature trees and the slope of the topography in the northern corner and middle of the playground area.

The most recent technologies to improve sustainability and reduce the environmental footprint of this high use environment will be explored as the playground area design and funding options become finalized.

Leaf drop maintenance, typical plant and tree maintenance will still be required. Connections will need to be established with local schools and community residents to create volunteer groups that will help to make this playground a success.

- Paved Surfaces



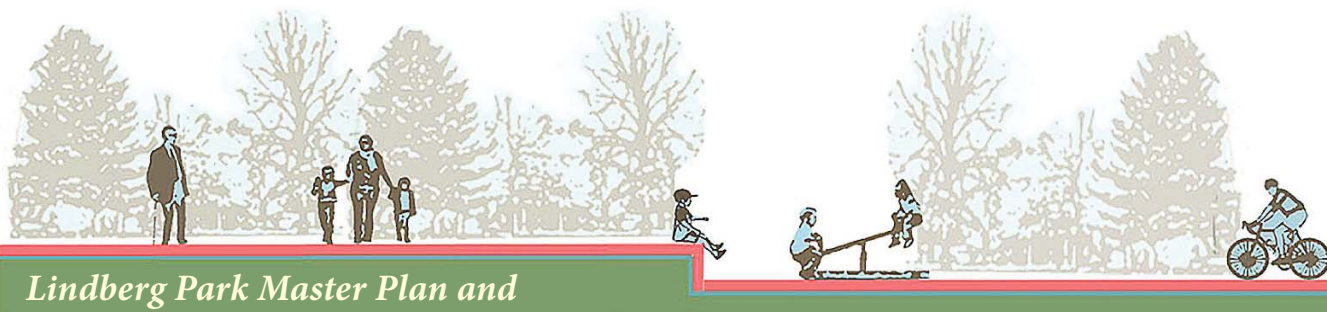
The new multi-use pedestrian trail, the secondary pathways and the renovated parking areas will incorporate sustainable elements. Areas of pervious paving will be incorporated, along with rain gardens and vegetated swales.

Pervious paving has a higher maintenance cost than standard bituminous paving. The costs will have to be explored in relation to the environmental advantages to determine how much pervious pavement is practical. The township budgets 300 dollars per year for parking lot materials, and spends 864 dollars to plow and re-stripe the lots if needed. It is unlikely that maintenance costs for the parking lots will be decreased.

Pathway shoulders can be seeded with low mow grass varieties, such as hard fescues, so that mowing is minimized. Large pockets of native plant communities are planned for areas in between pathways.

- Native Plant Communities and Wildlife Buffers

The township budgets 650 dollars for materials and spends upwards of 10,000 dollars to mow the lawn, trim shrubs and spray for weeds at Lindberg Park. The appearance of the proposed native plant communities may take some getting used to, but large masses of native plantings will save the township maintenance costs in the long run. When the invasive





plants are removed, the seed bank for these plants will no longer exist, therefore reducing the need to weed. Initially, for the first two growing seasons, maintenance will be intensive and will include watering, mulching and weeding out any invasive plants that emerge. As the plantings mature, they will become more sustainable and will require only occasional weeding. Community support from schools, environmental groups and residents will be a critical aspect in ensuring the success of these plantings.

#### b. Administration and Personnel

Salisbury Township's administrative staff is adequate to provide the guidance and support needed to implement and maintain programs and facilities at Lindberg Park.

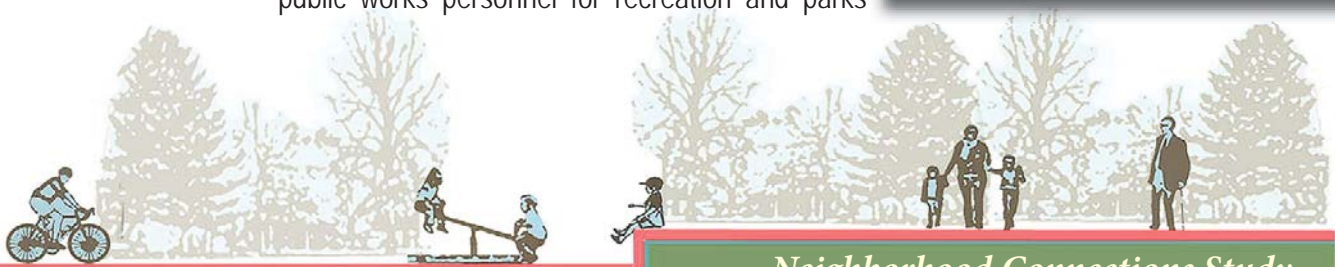
Stronger relationships with area businesses, community organizations and residents need to be developed. Businesses can provide essential funding to make development possible. Volunteer groups can provide important ideas and insights, complement the labor force and contribute to the funding of improvements. Groups that are involved from the concept and design phases will take ownership in the park and will be excited about providing future assistance as needed.

The Recreation Advisory Committee would be a good group to start investigating potential public relations initiatives, potential area business partners and organizing volunteer groups.

The public works department should hire a staff of summertime employees who are trained in park maintenance. The current crop of college students and recent graduates should be well educated in sustainable issues and solutions.

#### c. Equipment and Supplies

The public works department is well equipped with maintenance equipment and supplies are available to perform the necessary maintenance at Lindberg Park. There is an adequate amount of funds available each year for the purchase of equipment, minor equipment and small tools. What is required to enhance maintenance at Lindberg Park and all the townships parks is a redistribution of available public works personnel for recreation and parks



maintenance, a small crew of young summertime workers and training to maximize time spent performing tasks. Numbers specific to park maintenance were not available from the Department of Public Works.

d. Programming



The Recreation Director and the Recreation Advisory Committee determine programming for Lindberg Park. There is a small budget that provides for the needs of the director and the committee. The committee is creative and staffed by persons who have a long history of providing activities at the parks in Salisbury Township. As the master plan moves onward to the development phase, the committee and its members will take an active role in getting the community involved in the support of the park and its programs. This may require some creative use of the township's web site and some colorful postings at the new kiosk in the park, but should not require much additional funding or staffing.

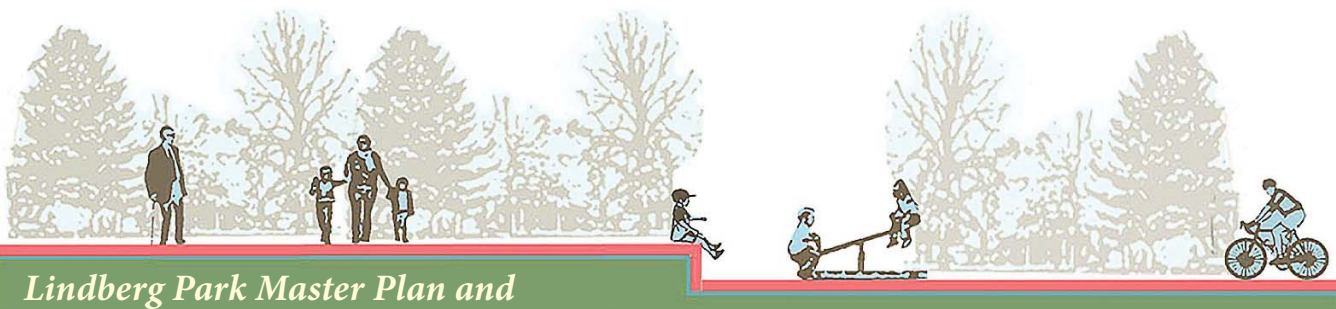
### 3. REVENUES AND FUNDING

a. Current Revenues

Revenues are collected from all of the townships parks for the use of the pavilions, which are fully rented most summer weekends. The revenue generated from pavilion rental does not cover any one line item in the recreation budget section of the public works department budget.

The township does apply to the state and federal government for grant monies assist with funding efforts where a budget does not cover a desired improvement or expense.

Salisbury Townships general fund budget incorporates the Public Works Department Budget, within which lies expenses related to Recreation and Parks. The township is small in terms of population, but land holdings for parks are large by comparison. There is a capital construction fund for existing buildings the township owns. There is a very small





capital construction budget for the public works department. Difficult economic times have not resulted in a budget surplus. Future development efforts planned for Lindberg Park will be difficult if additional money is not solicited from the community, local businesses or public health initiative grants.

#### b. Funding Sources

- Tax revenues are the principal source of recreation and park funding for the majority of Pennsylvania's municipalities. Some municipalities inform the public as to what percentage of their taxes are being used for Recreation and Parks. Clean, well-maintained parks enhance quality of life and increase property values for the communities where they are located.

Referendums can be a way to increase the funding stream towards an objective that the public has expressed an interest in, such as updating park facilities. The township must then be sure that each park receives updates so that residents across the township feel their dollars are being well spent.

- Increase revenue from parks. In Salisbury Township additional income from parks and recreational programs should be evaluated to see if the public would be amenable to provide support to update and enhance facilities they already use. Charging fees can leave some residents un-served if they can't afford the fee. The Lindberg Park neighbourhood is an upper middle to upper class neighbourhood, where a modest competitively priced fee structure should not feel like an imposition to residents. At other parks in the township, waivers or reduced fees could be provided for low-income participants.
- Grants are another source of revenue. Recreation and Parks funding can be obtained through Pennsylvania's DCNR, and new casinos in the surrounding counties offer recreation and park grant funding for municipalities. Most grants have program requirements and require some matching funds, either monetary or in-kind services.

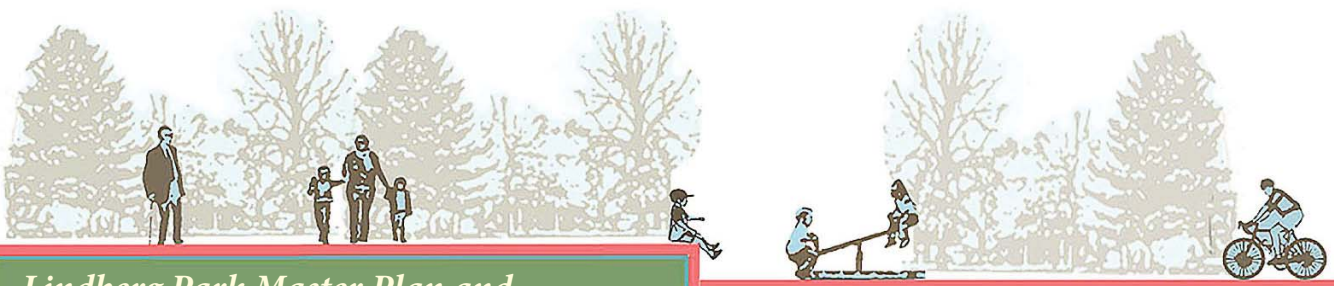


- National associations serving special interest groups provide funding for projects that benefit special populations. Playground companies and organizations that support inclusive play are good funding sources for playground upgrades and renovations.
- Local groups that benefit from the parks facilities can raise money to support improvements and development. Baseball groups can organize fund raising drives to provide better equipment, bleachers or fencing. Other partners may include private and public schools including local colleges, churches, conservation groups or clubs, civic groups, service organizations, special needs groups, ethnic organizations, or any special interest group that might benefit from improved facilities at the park. Establishing connections with park users enables the park to be a sustainable community resource well into the future.
- Local businesses will contribute resources for a spotlighted recognition piece on the townships website, a recognition sign or plaque well placed at a facility, or a large photo spot in the local paper. Residents of the community work in many different businesses that can provide various forms of support for park development, from printing flyers to providing materials to installing landscaping.
- The Top Five Playground Fund Raising Strategies from a national community-build playground advocacy group are:
  1. Allow groups or individuals to buy a piece of the future playground. This involves mapping out the future playground and offering donation pieces. Large highly visible items sell best. Donors names are published or can be inscribed on a permanent plaque.



2. Challenges. This involves finding a donor, like a local business or group, that will provide a match for other money raised by another group or committee. For example, if the baseball team can raise 10,000 dollars towards the purchase of the batting cages and equipment shed, a local sporting goods supplier will contribute the match, for a total of 20,000.

3. Fund Raising Parties at the Park. Provide special activities and charge admission. Costs for food, personnel and activities will need to be evaluated to determine the admission to be charged. Vendors could be hired to provide food or to stage the entire event. Another idea would be to host a local artisans show, charging for space, with exhibitors



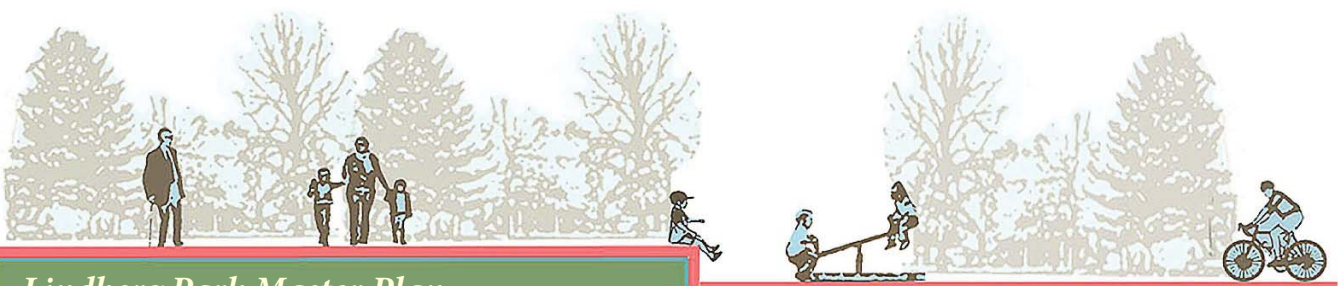


responsible for setting up their own tents and displays. A weekend flea market, produce market and concerts by local musicians are other ideas.

4. Spaghetti Dinners or Breakfasts. These would be held somewhere other than the park, but the money raised would be added to the development of a specific feature at the park. The township website should be used to keep the public updated on the progress towards the goal!
5. Buy a Brick Campaigns. Engraved bricks or pavers have long been popular ways to provide a permanent recognition to a person or group in recognition of a financial gift. Different gift levels should be established. At Lindberg Park, previous pavers are recommended in several highly visible areas. These would be a good place to use this funding technique.

With any strategy that is implemented, it will be important to keep the public informed as to the time frame involved from fund raising to construction as the township makes progress towards each development goal. Each different phase of development might be better suited to a particular fund raising strategy. The Recreation Advisory Committee should first evaluate all strategies with input from the community and other municipal departments to determine the best course of action at each phase of development.





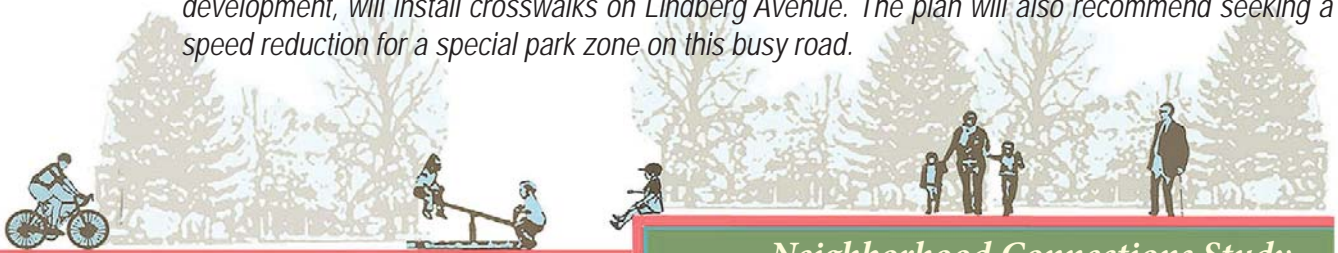
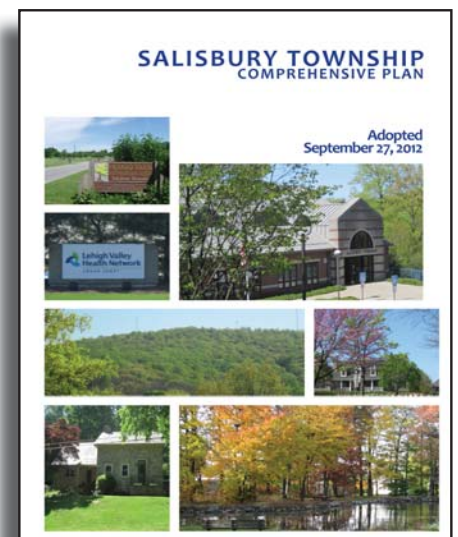


## L. REVIEW OF PREVIOUS PLANNING DOCUMENTS

### 1. Salisbury Township Comprehensive Plan

The Salisbury Township Comprehensive Plan recommends several actions that would positively impact community life within Salisbury Township. The following bulleted items are actions recommended by the comprehensive plan which are components of the Lindberg Park Master Plan and Neighborhood Connections Study.

- Use the Salisbury Township Recreation Advisory Committee to provide input on park improvements and recreational programs.  
*4 RAC members were regular attendees of the Key Study Committee meetings where they provided significant input*
- Use PA DCNR's Top 10 Best Green/Sustainable Practices.  
*PA DCNR's Top 10 Best Green/Sustainable Practices were high lighted at the first public meeting. The ways in which the proposed renovations to Lindberg Park aligned with DCNRs Green principles were reviewed.*
- Require Developers to adequately address and control storm water.  
*The Lindberg Park Master Plan includes methods to retain and treat stormwater on the site.*
- Promote pedestrian and bicycle circulation through national and state design guidelines
- Provide connections to parks, schools and other key activity nodes.  
*The Neighborhood Connections piece of the Lindberg Park Master Plan begins to connect the neighborhood surrounding the park with schools, churches and other recreational venues recommending a dedicated multi-use non-vehicular travel way on Lindberg Avenue.*
- Study and implement a township wide trail network
- Prepare a pathways plan  
*The First Phase of Development recommended by the Lindberg Park Master Plan will be to provide a permanent connection to Allentown's Little Lehigh Greenway.*
- Separate conflicting uses on public streets, giving special attention to pedestrian and bicycle routes
- Use gateways, signs and banners to enhance the Township's image and identity.  
*The Neighborhood Connections piece of the Lindberg Park Master Plan, as part of the first phase of development, will install crosswalks on Lindberg Avenue. The plan will also recommend seeking a speed reduction for a special park zone on this busy road.*



## 2. Salisbury Township Park, Recreation and Open Space Plan

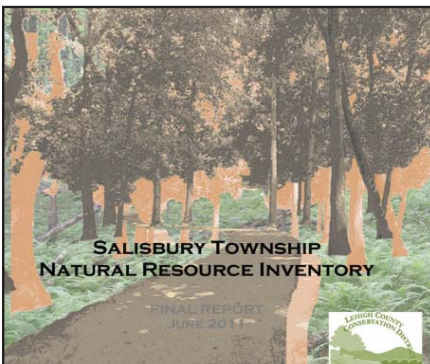
This plan, adopted in December, 2005 outlines goals for enhancing parks within the township. The goals outlined for Lindberg Park are to create a master plan for the park to update and provide additional facilities. A survey of residents during the writing of this plan revealed they were in favor of providing additional venues for park users of all ages. Older residents expressed an interest in having more places to walk since most roads in the township do not have sidewalks. Lindberg Avenue and the surrounding neighborhoods do not have sidewalks. The dedicated non-vehicular lane on Lindberg Avenue and the Perimeter path proposed within the park meet this need.

## 3. Lehigh Valley Greenways Plan

Pennsylvania Executive Order 1998-3 calls for a network of greenways across the state. Pennsylvania DCNR wrote a greenways action plan in response to the executive order. In the DCNR greenways action plan 34 major greenways were identified. One of those 34 major state greenways is the Lehigh River Greenway. The Little Lehigh Greenway is a connection to the Lehigh River Greenway. In providing a connection from Lindberg Park to the Little Lehigh Greenway, the residents of Salisbury Township are provided with access to the entire state greenway network from their neighborhood, and relieved of the necessity to drive a car to get there.

## 4. Lehigh Valley Comprehensive Plan

The Lindberg Park Master Plan and Neighborhood Connections Study meets the goals stated in this comprehensive plan for the Lehigh Valley. The goals specific to this project were stated in Section B.5.c of this report.

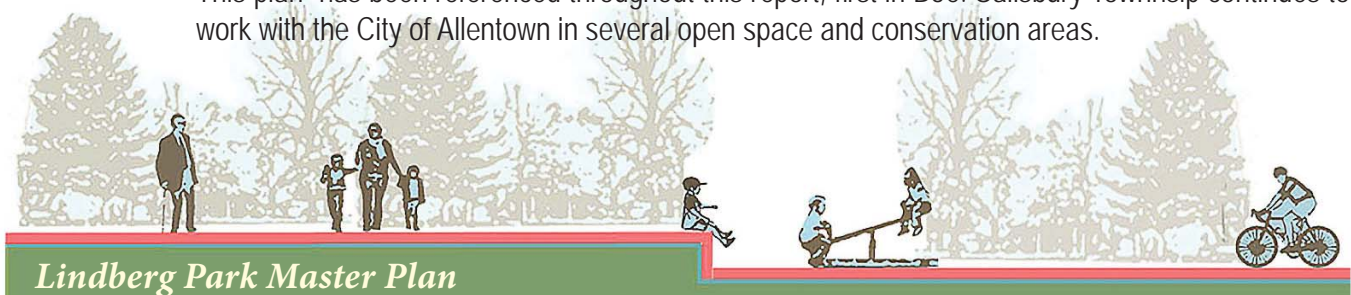


## 5. Lehigh County Conservation District Natural Resource Inventory

This report noted a diversity of tree species along walking paths and un-used lawn areas. The report recommended tree identification signs throughout the park and small wildflower meadows in out-of-play areas. The Lindberg Park Master Plan has included the recommendations of this report in its development plan.

## 6. Allentown Connects

This plan has been referenced throughout this report, first in B5e. Salisbury Township continues to work with the City of Allentown in several open space and conservation areas.





## M. SECURITY ANALYSIS

### 1. Existing Security Issues

Security at Lindberg Park is not a serious issue as reported by the director of public works, the police chief, the township manager and the recreation director.

Areas of concern are the restrooms and the pavilion. The rest rooms are so old and dark that they are not vandalized. The pavilion is typically left in a clean condition by weekend renters. The township has a fee structure in place if additional clean up at the pavilion is necessary, which does prevent misuse.

A second area of concern is the basket ball court users. This is addressed by a police presence at dusk. The police come to Lindberg Park half an hour before the park opens and half an hour before it closes. They open and close the rest rooms at these times. Anyone still in the park is required to leave. The police do respond quickly to calls from residents if they hear anyone in the park. This is not a frequent occurrence.



A third area of concern is playground safety. The playground is fenced in to keep children within the bounds of the play ground area for parents who might be watching a ball game or at the pavilion. The age of the play structures, insufficient depth of mulch and inadequate fall zones are an issue. The master plan recommends solid safety surfacing in areas of the playground with current fall zones around all play pieces.



A fourth area of concern will be the safety of pedestrians and cyclists who will use the crosswalks and the dedicated non-vehicular travel way. There is a strong consensus among park visitors and the committee that traffic speeds are too high in this area on Lindberg Avenue. There were residents at the second public meeting that spoke of traffic traveling too fast into the south neighborhood parking area and on Fairfield Drive as well. The police department reported that all speed checks they have performed on Lindberg Avenue did not reveal an issue with vehicles driving over the speed limit. The speed limit is not posted, but is understood as 35 MPH on all township roads unless otherwise posted.



## 2. Security Recommendations

Security was discussed with the key study committee. They are not concerned about increased vandalism to the pavilion or rest rooms as current park visitors are responsible and the police presence in the morning and evening encourages visitors to comply with closing times.

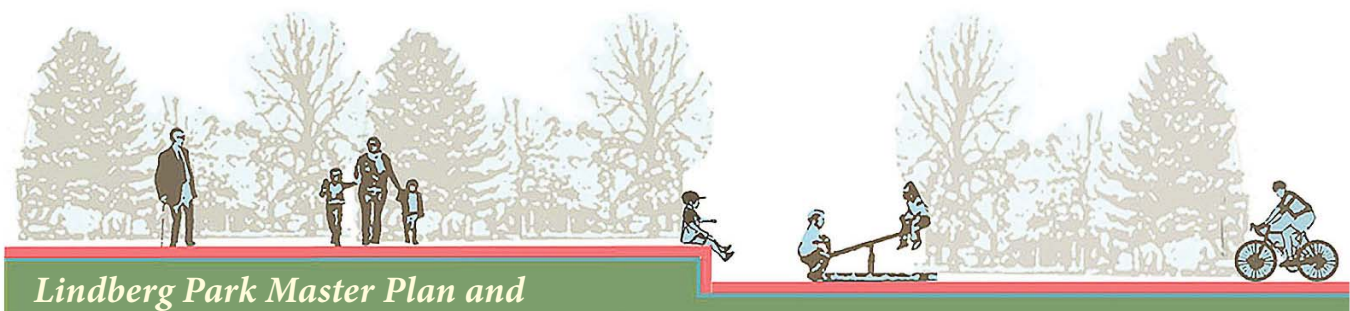
Fall baseball has created a concern with parking lot security. The coaches and players are sometimes wrapping up after game activities as the police arrive to close the rest rooms and the park. The coaches report the lot is very dark and the police can not tell who is still present, so that all are treated as trespassers. This discussion led to a decision to include two or three solar lights in both of the parking lots. These lights are depicted on the Lindberg Park Master Plan Site Design Drawing.



It was decided by the committee that if at sometime in the future, vandalism at night does become a problem, that gates could be installed at the entrances to the parking areas. Another idea to control vandalism at the park is to install sensor lighting at the pavilion and basketball courts. Security lighting would alert adjacent property owners that there is a trespass occurring near their properties so they could be on guard. Bollards, also depicted on the plan, will be installed in the center of the secondary path leading through the park to discourage vehicular traffic.

The safety of children using the playground is not a concern as long as children are well monitored. There have been a few broken arms in recent years, but this is not a seasonal occurrence. The master plan will recommend a complete renovation of the playground to provide a safe secure play experience for all children and the adults who accompany them.

The highest priority of the proposed neighborhood connections component of the Lindberg Park Master Plan is safety. The plan will recommend that Salisbury Township's Recreation Advisory Committee petition the police department to install pedestrian crossing signs and a posted speed reduction at all crossings leading to and from Lindberg Park. Highly visible crosswalks and safety surfaces for the proposed multi-use non-vehicular travel-way will be recommended.





### 3. Posted Rules and Policies

The posted rules for Lindberg Park state: "Park Hours" Sunrise to Sunset Closed at All Other Times - NOT PERMITTED IN PARK - Animals, Bicycles, Street Hockey, Skateboarding, Alcoholic Beverages, Golfing, Vehicles (other than parking lot), Dumpster for Park Use Only"

The master plan does provide an area on the outside of the park, on the perimeter trail for dogs and cyclists, so the posted rules will change slightly. It will be important to place a No Dog Graphic sign and a No Bicycles Graphic sign on each break in the perimeter trail so that the rules are clear. Bike racks will be provided so that bikes can be parked and locked, giving the rider access to the interior facilities of the park. Dog walkers will have access to the Lehigh Parkway where dogs do have room to run.





# APPENDIX





# Key Person Interviews

Questions

1. How do you use the park?  
*Bob has lived in a nearby neighborhood for about 5 years. Lindberg Park is about a 10 minute walk from his home. He walks to and through the park, and uses the footpath that leads to the Lehigh Parkway.*
2. Does the community around the park take an active role in its upkeep and care?  
*The communities surrounding the park do not have any organized group that supports the park, either financially or through volunteer programs. There is no neighborhood watch, but park users seem to be pretty clean in that there is typically no litter to be found in the park and people clean up after their dogs. The township provides money for new facilities.*
3. Going by area, talk about positives and negatives concerning the following uses/facilities currently available at Lindberg Park:
  - a. Playground –  
*The playground sees regular use but is never overwhelmed. Local churches and other groups use the playground area. The size of the area is good. The older pieces could be replaced. There are benches throughout the area that provide enough seats for the people in the area.*
  - b. Pavilion/Restrooms  
*The pavilion sees regular use. Have not been in the restrooms.*
  - c. Fencing  
*The existing fencing is unsightly, with weeds growing on both sides of it. It needs to be painted and kept free of weeds, which makes it difficult to maintain. Although it does provide segregation of activities it would be a welcome change to get rid of the fencing around the playground. If a fence for safety is necessary, an alternative type of fence, easier to maintain and more attractive would be more desirable. The gates in the fence don't keep people out, because they can go around them through the other openings. The section of fence near the volleyball should be removed.*
  - d. Basketball  
*Sees regular use. The resurfacing is really nice, however, now the park may see some of the louder, less desirable users that frequent the Green Acres Park basketball courts. This is a concern. The courts are located in the back of the park, in an area that might further encourage less desirable types of users.*
  - e. Sand Volleyball  
*Have not seen this facility used much. Talked to John Andreas about the type of sand typically used for this activity, he says we have the right type of sand. It does need to be raked to stay soft, and more use will keep it from becoming hardened.*
  - f. Tennis  
*Used heavily.*
  - g. Handball  
*Have not seen this activity area in use ever.*



- h. Baseball  
*In use in spring and fall baseball seasons. The larger ball field's outfield provided an area for soccer before the Lehigh field's were built. Soccer teams could play there.*
- i. Parking  
*The front parking lot is used most. The heaviest use comes in baseball season. People with children playing baseball still park on Lindberg Avenue to avoid having to walk from the parking lot.  
The rear parking area is not used much. It is not easy to find. Overall, there seems to be sufficient parking.*
- j. Landscaping  
*The trees provide great shade. The grove of Lindens to the west of the main parking area would be a great place for a second pavilion. Would like to see more ornamental trees with flowers (like Kousa Dogwood) and perennials (like Daylily). Some of the evergreens should be removed; they are overshadowed by the shade trees and have an unkempt appearance. Nice forsythia border on back edge of park. Overall, park border is a bit rough and if cleaned up would make more recreation area available.  
BLIND GARDEN – This area is messy relative to the overall park. We should rethink the use and it should be more integrated with the park. People do go through it and it would be nice as a quiet area, but not secluded. Nicer shrubs and maybe a water feature would help.*
- k. Circulation  
*A perimeter trail would be a good addition to the park. No dogs or bikes in the park is a good policy that should be maintained. Dog walkers can go through the neighborhood to use the second part of the easement linking Lindberg Park to the Little Lehigh Park and dogs can run free there. They can also drive to Franko Park to walk their dogs.  
The empty lot on the north side of the playground fence is used as an access point for people using the park in that neighborhood, rather than walking south to Greenbriar and then to the park that way.  
Would like to see the easement made more permanent. The part of the easement south of Fairfield is used much more than the piece north of Fairfield connecting to the park.*
- l. Seating  
*There are enough benches located throughout the park. Some are the older materials that are dated. The plastic coated ones are the nicest.*
- 4. Are there any facilities you would like to see removed from the park?  
*Shuffleboard.*
- 5. Should there additional opportunities to use the park in winter or at night?  
*Cross-country skiers use the park in the winter. Night use maybe for baseball, but nowhere else. Current hours are good.*

Questions

1. How do you use the park?  
We use the park to walk and play tennis. We do use the foot trail to get to the Little Lehigh Parkway.  
My daughter played softball in the park when she was younger.
2. How have you seen the use of the park change over the years?  
There are more teens in the park, especially at the basketball courts, and the language they use is sometimes not what should be heard next to a playground. Vandalism has not increased. There is more non-neighborhood use specifically the pavilion and playground.
3. Does the community around the park take an active role in its upkeep and care?  
There is no neighborhood organization that supports the park. Residents are clean and self police the park. There is no financial support for this park outside of what is available in the townships budget.  
There are no “friends of” parks type groups and they tend to be more about raising money than helping with programs or volunteering.
4. Going by area, talk about positives and negatives concerning the following uses/facilities currently available at Lindberg Park:
  - a. Playground  
The newer pieces are nice. The other pieces need to be replaced. It is an active area of the park. The spray area is used once a year. It would be nice to have a water feature in the playground. When the pavilion is rented, and those children and moms are in the playground area, access to the playground has the appearance of being closed to neighborhood residents.
  - b. Pavilion/Restrooms  
The pavilion is rented out about 80% of all available weekends. It is pretty well cleaned up, but not all groups do a good job of cleaning up after themselves.  
There should be a policy in place that we keep money if we have to clean up after a group.  
Fees should be higher to non-Salisbury residents.
  - c. Fencing  
The fencing looks terrible. They are a maintenance nightmare. There are vinyl coated fences that look better and don’t need to be painted. Definitely need something along Lindberg Ave.
  - d. Basketball  
Is used heavily – there is a concern with the types of people who use the courts.
  - e. Sand Volleyball  
This area needs more maintenance. The sand needs frequent freshening. It is used some, but not frequently. There are sand volleyball courts over at the hospital that are heavily used.
  - f. Tennis  
Used heavily
  - g. Handball



Is used, but not frequently – mostly for single tennis practice

- h. Baseball  
Is used, out fields are shared with soccer.
  - i. Parking – back lot not used too much
  - j. ADA  
Allentown has ADA playground facilities.
  - k. Blind Garden – not used but very relaxing – nice as passive area – a water feature (fountain) would enhance the area.
5. Are there any facilities/programs you would like to see added at the park?  
A multi purpose field for soccer. Some smaller fields have been set up on the baseball field outfields in the past.  
More programs for adults. Educational programs run by volunteers. Like a yoga group, or a walking group. Themed community days for families or movie nights.  
Dog walking needs to be reconsidered.  
A walking trail would be good as there are no sidewalks in the neighborhood.
6. Are there any facilities you would like to see upgraded at the park?  
The blind garden is a quiet place, that is nice to have. It is an area that might be used for some additional program activities.  
The trail connection to Little Lehigh Park should be developed as a natural path and have natural landscape buffers.
7. Other Comments  
Lindberg Park is a busy neighborhood park. It is too busy to not be safe. The park should keep it's neighborhood feel. The neighborhood as a whole should be walkable.
8. Is there funding available from Lehigh County for recreation improvements?  
Salisbury Township currently has available money in the Green Futures Fund. The money can be used for open space acquisition or for park planning. Future administrations may limit or eliminate this fund.

**10:00 AM Frank McCullough  
Frank Adamcik**

**Recreation Advisory Committee  
Recreation Advisory Committee**

Questions

1. How do you use the park?

*We both use the park through our involvement in youth sports leagues. Hamilton Park and the Salisbury Youth Association (SYA). Hamilton Park supports between 100 and 150 families. SYA has 1100 spots between all the sports. Both organizations have about 5-6 youth baseball teams, each team has about 10 kids with a total of 250-300 participants over the year. There are about 200 youth in the soccer programs and this is down from previous years, basketball remains steady at around 225 kids, cheerleading has 55 girls, football 98 kids and softball has about 60 girls. There was a field hockey team before it was introduced in the schools. The schools now run the field hockey programs. There are no youth volleyball teams at Hamilton Park or SYA. There are no adult softball leagues at the present time. One was started but they could not find fields and interest has faded. Fall baseball is a new activity that keeps baseball alive at Lindberg Park until the end of October. St. Thomas More used the baseball outfield for soccer before other fields were built. Permits to use the fields are required by organizations.*

2. Have the needs of the youth leagues changed over the years?

*The numbers of youth involved is cyclical, in that the numbers go up and down, but it is within a range, and the programs are large enough and there are enough fields to handle the largest number of participants.  
16 year olds and up use the high school fields. So kids playing baseball at the Lindberg Park fields are aged 15 and under. The larger field is used for the older groups of kids and the bases can be adjusted from 75' to 90'.*

3. Going by area, talk about positives and negatives concerning the following uses/facilities currently available at Lindberg Park:

- a. Playground

*Used for Summer Playground program from mid June till the end of July, from 9 to 12 noon. There are some evening activities for families a few nights during the summer. A big picnic is held on the last day and children from all of the parks are brought over to Lindberg. The overhead sprinkler is turned on for very hot days and on the day of the big picnic. A grill is brought in to cook hot dogs on that day as well.*

*The playground is inspected twice a year; before activities begin and after summer is over. The recreation advisory committee generates a list of maintenance items for public works. Several years ago Frank McCullough and Genny Baille attended classes on Park Safety Inspections and received certificates.*

- b. Pavilion/Restrooms

*The pavilion is used a lot in summer. The maximum capacity is 90 people. The people who use the pavilion also use the basketball and tennis courts. The rest rooms are adequate in size and capacity, but they need lighting and paint. The pavilion's concrete floor looks dirty. A non-skid, attractive coating on concrete floor would be a big improvement.*



- c. Fencing  
*The current fencing along Lindberg Road is necessary to keep kids from running out to the cars that park along the curb in front of the ball field. The speed of the cars traveling on that road is too fast.*  
*But fencing is not needed on the park/playground border. Maintenance headache to keep weeds down.*
  - d. Basketball  
*Repaved courts are nicer than the ones at Green Acres, and this may increase use.*
  - e. Sand Volleyball  
*Used by adults. Most adult volleyball players prefer either grass or sand courts. Sand seems to require a bit more maintenance, but is a popular surface. Franko Park has sand volleyball courts that are used more heavily than the one at Lindberg Park.*
  - f. Tennis  
*Seniors use the courts often.*
  - g. Handball/Shuffleboard  
*Not used much at all. The shuffleboard court would need to be painted if it were to be used. Handball is not popular and shuffleboard seems to be popular in Florida.*
  - h. Baseball  
*Backstop needs to be replaced. Currently held together with wires.*
  - i. Parking  
*The back lot is not used by anyone other than people who live in the neighborhoods around the park.*  
*The front lot is never completely full during games, maybe 70%, but people still park along the curb on Lindberg Road. As an example, there were about 18 cars parked on Lindberg Ave this past weekend and plenty of available spaces in the parking lot during the ball game.*
  - j. Landscaping  
*The Blind Garden as originally installed for the blind no longer exists. This spot should be cleaned out. Overgrown shrubs and thin evergreens should be removed. It is a nice spot to read and have lunch. There are tables in there. Water, maybe a fountain would really enhance this area. Should just be used as a garden area.*
  - k. Circulation  
*The paths could be resurfaced. A path in the playground was removed because it had been heaved up by tree roots. A walking trail is a critical component of the new master plan.*
  - l. Seating  
*There are a lot of good benches in the park.*
4. Are there any facilities or programs you would like to see added at the park?  
*More programs for adults/seniors are needed. Through the years a lot of different activities have been planned, but were poorly attended. We have tried the Allentown Band and an entertainment professional who sang and told jokes. There is a senior day but it is held indoors. Most seniors seem to like bus trips.*

*A merry go round should be installed. This is very popular in other parks for children. It could be placed on the right side of the old fence so as not to interfere with volleyball games.*

*A Walk-Around Trail should be added.*

5. Are there any facilities or programs you would like to see upgraded at the park?

*The Blind Garden should be cleaned out. Overgrown shrubs and thin evergreens should be removed. It is a nice spot to read and have lunch. There are tables in there.*

*There is no maintenance department just for the parks. If there is a serious problem that comes up, that takes priority over the proposed maintenance schedule.*

6. Are there any facilities or programs you would like to see removed from the park?

*There should be No Dogs or Bikes. Dog owners wont keep their dogs on the leash.*

7. Other Comments – *Overall Lindberg Park is a safe and beautiful park.*



Questions

1. Do you use the park?

*I don't live in the surrounding neighborhoods, so I don't use the park.*

2. How are you involved with the park, or the township?

I am currently the Chair of the townships Environmental Advisory Committee. I participated in putting together the Salisbury Township Natural Resource Inventory prepared by the Lehigh County Conservation District. Erin Fredericks, who is now with the Wildlands Conservancy, and Rebecca Kennedy, who is now Director of Water Programs at the Southeastern office of the Pennsylvania Environmental Council, also worked on the project. Both Rebecca and Erin along with Cynthia Sopka are working to form a Little Lehigh Creek Watershed Group.

3. Going by area, talk about positives and negatives concerning the following uses/facilities currently available at Lindberg Park based on your impressions from the walk through meeting on May 21, 2012:

- a. Playground

Not up to today's standards. Should be removed and refurbished. The fence should go. It is poorly maintained and maybe only necessary along Lindberg Road. There are more attractive ways to segregate activities.

- b. Pavilion/Restrooms

Old. Should be remodeled or rebuilt. Unattractive color. Too much maintenance needed for an old block building.

- c. Fencing

Should be removed. Not inviting. Poorly maintained.

- d. Basketball

In an inaccessible area of the park. Might be better if not so close to the playground given the element that sometimes is present at basketball courts.

- e. Handball

Remove this facility and install a soccer or multi-purpose field in the sunny lawn area. Lighting could be installed. Move the smaller baseball field to the back corner, and remove trees that make the back corner dark, uninviting and unused.

- f. Parking

Since no one uses the back parking area, and some don't want to use the front lot because it is too far from the ball fields, I suggest looking at moving the parking area to the middle of the park. All activities would be easily accessible and the passive and active facilities could be separated.

- g. Landscaping

*Trees should be thinned out to promote sun and lawn area. Dark areas where there is no light or ground cover create muddy places when soil is wet, and dusty places when soil is dry. Topsoil should be replaced, with shade and wildflower gardens in areas where the soil is bare and eroded. Thin evergreens struggling to survive in the dense shade of the trees should be removed.*

*The NRI (Natural Resource Inventory) suggested placing educational signs near specimen trees to educate the public about the trees they see in the park. Signs could be used to provide more information than just the name of the tree.*

*If rain gardens or other natural storm water elements are created, educational signs should be provided for these as well.*

4. Are there any facilities/activities you would like to see added at the park?

*Dogs should be allowed to be on a leash and walked through and or around the park to get to Little Lehigh Park. A multi-purpose field should be incorporated.*

5. Are there any facilities/activities you would like to see upgraded at the park?

*The Blind Garden should be overhauled, by opening it up a bit. It is a nice quiet spot within the park and should retain that function, but should be safe also.*

*Motion sensor cameras are being considered at the Walking Purchase Park and any recorded undesirable activity can be sent directly to an i-phone.*

*More educational components to engage children. A natural playground would be a great addition to help reconnect kids with the outdoors.*



1. Do you use the park?

I don't live in Salisbury Township and don't use the park. I was asked to serve on the committee as a liaison to the Lehigh Valley Hospital.

2. Talk about positives and negatives concerning the following uses/facilities currently available at Lindberg Park:

It is not my park. The people who use the park should make these comments and decisions about what should be done here. I can provide input in health and community outreach. As the plan develops, I am interested in how the Hospital can partner with the Township in support and mutually beneficial programs. With that said, natural elements of recreation and attractive settings go a long way in the body's mental health.

3. Are there any facilities/activities you would like to see added at the park?

The hospital is in favor of programs that encourage good health and injury prevention. Part of that is staying active. So a natural playground and inclusive play areas are a big part of that for kids. Safety, or trauma prevention, is something we would encourage future planning efforts to consider in deciding what should be updated and/or replaced.

Adult programs are important too, and we have a speaker's bureau. They give talks on safety and health issues.

Creating connections between the neighborhood and the park is a great idea, and it is very important to be mindful of vehicular traffic patterns to keep pedestrians safe.

4. Do you know of any community health planning efforts being made in the Lehigh Valley that Salisbury Township/Lindberg Park is involved in?

We have a Community Affairs department that does a lot of community programming; some with Wildlands Conservancy. We have many listed on our website, and there is a calendar of hospital sponsored events.

Questions

1. How does the community use the park, with respect to maintenance?  
Lindberg is the most diverse park in the township, in terms of the range of users it serves. There are activities for all ages.
2. How have you seen the use of the park change over the years?  
There have been consistent upgrades throughout the park since it was built, in all areas. The playground has added equipment, a baseball field was added, with benches and a backstop, an expanded apron around the pavilion, a sand volleyball court, parking was expanded and two memorials exist now in the park. The basketball and tennis courts have been upgraded and resurfaced.
3. Does the community around the park take an active role in its upkeep and care?  
The people that use Lindberg park are generally pretty clean. We had a group last weekend that did not clean up and we can choose not to return their deposit, which are thinking about with this group. In general, there is little or no vandalism at Lindberg Park.
4. Going by area, talk about positives and negatives concerning the following uses/facilities currently available at Lindberg Park with respect to their maintenance and functionality:
  - a. Playground  
The playground is a nice area because it can accommodate a lot of different groups. There is open lawn there where people have picnics. Kids run between activities. There are benches so kids can be watched. There is shade from trees on hot days. We operate the sprinkler on hot days, and on the last big summer playground day. It has to be turned on by a maintenance person, and it does get clogged sometimes. It was operated on 2 days in 2011.  
Daycare providers send vans over and drop off lots of kids at the playground in summer.
  - b. Pavilion/Restrooms  
Monday, Wednesday and Friday are trash and bathroom service days. The bathrooms are a good size, and a wheelchair could get in and out. We added bituminous around the base of the pavilion to make a wider ADA accessible area around it. A path to the playground was removed because it was buckled by tree roots.  
Grills are not available and are not necessary. People bring in food and that seems to work. Grills increase maintenance needs, and there is a no fire policy at Lindberg Park. A grill is brought in for the playground party.  
The rest rooms really need to be updated. New sinks and toilets, and light. They are really dark.
  - c. Fencing  
Fencing is always difficult to maintain, but it does serve to protect the playground area from the street and from the activities that older children and adults use.
  - d. Basketball  
These courts were just resurfaced and are very popular.
  - e. Sand Volleyball  
Newer addition to the park. This just needs to be raked every so often.



- f. Tennis  
Very active area. Used a lot by seniors and is on a first come basis.
  - g. Baseball  
The larger field needs a new backstop.
  - h. Parking  
The parking is adequate for the park. The lot is sometimes used by other groups as an auxiliary lot and they shuttle people from there. There was an autism event where they used the front lot. The back lot should remain for neighborhood users. This lot should not be made more accessible by way of signs, because that would mean more people driving through the neighborhoods around the park.
  - i. Landscaping  
The sweet gum balls are the biggest problem for the mowers. They fly out of the mowers and are dangerous. The sweet gum trees should all be removed.  
Any plantings or natural gardens tend to become more maintenance intensive and full of invasive weed species. There are always weeds, and you can't get the long term reliability from people in the community to help out. They start out with good intentions but they don't stick with it. The memorial garden is an example.
  - j. Circulation  
The paths are patched due to root competition from trees. They could be re-surfaced.
  - k. Seating  
There are some benches that should be upgraded. Some have been replaced. The benches and tables are out all year.
5. Are there any facilities or programs you would like to see added at the park?  
The facilities available at Lindberg Park meet the needs of the community. If you add facilities, more people would come from outside of the community, increasing traffic and making it less of a neighborhood park. The sense of ownership the community feels towards its park would decrease; vandalism and other less desirable activities would increase.
  6. Are there any facilities or programs you would like to see upgraded at the park?  
The blind garden could use a face-lift. It still works for the truly blind, they don't see the condition of the shrubs but they know they are there.
  7. Are there any facilities or programs you would like to see removed from the park?  
No Dogs - Especially during summer playground. No Bikes.
  8. Is the park used in the winter time / at night?  
In the winter the restrooms are closed, but the parking lot is plowed. People can walk in the park. We don't want nighttime activities. Neighbors don't want the lights on at night and there is that undesirable element associated with nighttime activities.  
You could play tennis or basket ball till 10 or 11 at night with lighting.
  9. What are some of the costs of maintaining the park now?  
There is no parks maintenance cost that is separate from public works. Public Works is responsible for park maintenance, in addition to all their other responsibilities, and has had a 30% reduction of its work force in the last few years, Park drainage is not really an issue. There is no need to add drainage infrastructure.

**4:30 PM      Genny Baillie  
                 Luke Eberwein**

**Salisbury Township Recreation Director  
St. Thomas More Parish Youth Group**

Questions

1. How does the community use the park?

*Most all the facilities are heavily used in this active park. Baseball, basketball and tennis are heavily used. Fall baseball has pushed out the use of the outfield for soccer and/or a multi use field, but the Lehigh Fields are enough that all the soccer groups have a place to play.*

2. Going by area, talk about positives and negatives concerning the following uses/facilities currently available at Lindberg Park:

- a. Playground

*Summer Playground is very popular at Lindberg. It is held mostly on the east side of the path, both in and outside of the fenced in playground area. We do use the basketball courts in creative ways. The grassy area next to the sand volleyball is used for running games.*

*The size of the playground area is great because kids can run. They run a lot.*

*Kids love the sprinkler on hot days.*

*Kick ball is sometimes played on the baseball field.*

*St. Thomas More uses the pavilion/playground for an end of the year party.*

- b. Pavilion/Restrooms

*Renting the pavilion does not permit parties to monopolize the rest of the facilities at the park. The community comes first. One hour of court use is the maximum a group is allowed to use if there is another group waiting. This includes tennis, basketball, and sand volleyball.*

- c. Basketball

*Heavily used.*

- d. Tennis

*Very popular at this park. There is a group of seniors that have been playing regularly for years.*

- e. Baseball

*Backstop needs to be replaced.*

- f. Parking

*There is enough parking. It would be good to keep people from parking along Lindberg Avenue.*

- g. Landscaping

*The back corner of the park is dark and not really used. It would be good to open it up and have something here.*

- h. Circulation

*There are several kids who ride their bikes to summer playground, and several others who walk. There are moms that push strollers and walk. Having safe places to cross the road and a place to walk along the road should be a priority. Traffic needs to slow down. People go very fast on this road.*

- i. ADA



*We have never had anyone ask or comment on it. Camelot For Kids has a play ground for the kids they serve.*

3. Are there any facilities or programs you would like to see added at the park?

*There are just enough facilities to meet the needs of the community. Too many facilities and the park will become too crowded. That is happening at Laubach Park and too many of those facilities serve the younger age groups. It is nice that it is so open, kids can run and play ball.*

*A hill for sledding in the winter time.*

4. Are there any facilities or programs you would like to see upgraded at the park?

*The Blind Area. Parents use it as a tricycle track.*

*It would be nice to have a newer water area with more jets or just nicer ones, that don't clog as easily.*

5. Are there any facilities or programs you would like to see removed from the park?

*Golfing. Golf balls get thrown out from the mowers and that is dangerous.*

*Dogs. No dog walking. Owners can't be trusted to keep them on the leash. They are too lazy to walk to the parkway. They let them off leash even when all the summer playground kids are here, and some of those kids are allergic to dogs. Dogs can go to Franko Park, unless compliance can be enforced.*

*Bicycles – those kids don't stay on the paths and cause a lot of damage.*

6. Is the park used in the winter time/ at night?

*The park is officially closed when the rest rooms close. Water is shut off at the end of November.*



# Meeting Minutes



**Lindberg Park Master Plan Study Committee**  
**Meeting Minutes**

10/15/2012, 6:30 p.m., Salisbury Township Municipal Building

**Committee Members In Attendance were:**

Luke Eberwein

Glenn Miller

Bob Agonis

Frank McCullough

Frank Adamcik

Genny Baillie

Randy Soriano

Mark Wilson

**Consultants** - Len Policelli and Joanne Conley from URDC

URDC handed out an agenda packet for the meeting, containing a color site design drawing map of Lindberg Park, the evenings agenda, and a list of proposed changes to the park.

Len Policelli began the meeting by reviewing the meeting agenda.

**REVIEW PUBLIC COMMENT**

Joanne Conley reviewed the public comments from the first public meeting held Sept. 17, 2012. The comments were arranged by facility. As each area of the park plan addressed by the public was reviewed, the color map was referenced. All changes made to the map as a result of public comment was high lighted and discussed by the committee. Joanne mentioned Deb Brinton had forwarded a comment concerning the handball wall. A resident had contacted her regarding the handball wall – to make sure it remained and suggested that it needs to be resurfaced. A resident had also contacted URDC regarding the perimeter trail being too close to the west property line. The plan that was included in the committees packets showed the original perimeter trail location, and the adjusted location, providing an additional 20' of buffer for those property owners, and relocation of the chain link fence. The committee felt this should be adequate to address residents' concerns. A member mentioned the need for batting cages and bull pens at the existing fields. These facilities are common at other team venues and Lindberg Park's teams need these facilities to stay up to date. A place on the plan was located and URDC will add these features to the plan.

Connections: Comments were very positive and supportive. Speed on Lindberg Avenue continues to be a concern of area residents and park users. There is a consensus that traffic needs to slow down!

Fencing: There is consensus that although the chain link fence is an eye-sore, it needs to stay in place along Lindberg Road to keep ball players and balls safely in the park. Chain link in other areas may be replaced with a more aesthetic option, but not removed. The residents living adjacent to the park on the north west side want fencing to stay to prevent park user trespass through their properties. It was suggested that the township look into and acquire the vacant parcel south of the playground area for access to the park from that part of the neighborhood.

Utilities: The defunct fountain in the former blind garden area was pointed out on the plan. It is concealed by plantings in the Site Design Drawing. Frank McCullough mentioned that electric wires had been found in that area of the park as well. These will have to be relocated and placed in conduit as work begins at the park.

Plants/Wildlife: There are no endangered species in the park at this time. The memorials will be preserved, and no comment from the committee on this topic.

New Facilities: We reviewed the suggestion of placing 10 and under tennis on the existing courts with colored line kits, and installing two new pickle ball courts. It is agreed that this will provide additional adult activities. The need to begin to meet ADA requirements was acknowledged, as well as the percentage of the population of Salisbury Township that is currently underserved by the townships recreational facilities.

Stormwater: Pervious pavers were discussed in terms of the aesthetic, the need and the cost. URDC said they would provide a sample of an ADA approved pervious paver they have installed at the next meeting. Firm and stable surface options were discussed. Crushed gravel was discussed and ultimately it was decided that it would not hold up against bikes and would be more difficult to maintain with the large amount of leaf litter at the park than bituminous would be.

Security and Protection for Adacent Homeowners: Most comments of this sort were made by the property owners on the west side of the park. There is a home, part of which, falls within the boundary of Lindberg Park. The agreement the owner made with the township at the time of the land's dedication to the township for use as a park was discussed. Randy stated it will be up to the township to review this situation and to create a written document addressing how this situation will be maintained going forward. It was agreed to by the committee that chain link fencing will be maintained for these residents, however it will be relocated to just inside the existing property line to maximize the land available for use as a recreational trail and playground. A 20' buffer of native trees and shrubs will be created inside of the fencing for privacy.

Maintenance: Randy commented that he has been looking into this issue, due to the comments made at the meeting. He is certain the township has the available equipment to do the job properly, and the committee agreed. Randy believes the public works department may need to re-evaluate how man power is appropriated for parks. Personnel should be trained to effectively maintain park landscapes. The committee agreed manpower needs to be increased, and that the township might try to solicit some volunteer labor to that end. Sweet gum trees present a particular maintenance challenge for all, and the committee decided the existing sweetgums are not to be preserved.

Funding/Budgeting: This was reviewed quickly, as it will thoroughly discussed at the committee meeting in January. This concluded the Public Comment Review.

#### **MAINTENANCE DISCUSSION:**

In addition to the items mentioned above, the restrooms were mentioned as a priority need. Although they are clean, they have the appearance of being permanently dirty and dark. They are not ADA accessible. Options such as, raising the roof of the pavilion and adding rafters to let light in, adding stone veneer to the exterior surfaces of the concrete block structure and tiling or staining the concrete floor were discussed as less costly alternatives to building a new pavilion with restrooms.

#### **SECURITY DISCUSSION:**

The park closing rules will remain one half hour after dusk, and opening will remain one half hour before sunrise. The police will continue to patrol the park at these times. The police open and lock up the rest room facilities as part of their daily routine. The committee decided some lights in the parking lots are desirable. An option to keep people out of the park at night would be to install gates, and that is not desirable at this time. Lighting is also needed at the flag pole as required by law, and a light should be on at the pavilion to discourage undesirable night time meetings at the park. There is a light near the pavilion now, sometimes it does not work. It is not known if there are electric lines running over to the ball fields, what size wire lines might be if they exist and if they meet current codes.

Keeping children in the playground safe and secure by providing fencing around the perimeter of the playground was determined to be a requirement by the recreation director. Gates with Child Proof Locks would be provided near the playground drop off. There is a planted berm in the master plan to provide security for the playground without using fencing. Initially there will be space between the plants so until they fill in, fence is needed. Fence



is needed to keep the volley ball court separated from the playground as well. A merry go round is proposed for the playground but not shown on the plan, since it's precise location is undetermined at this time.

The idea of having fencing on the inside of the perimeter trail with gaps at the secondary access paths met with approval. Bikes would be allowed on the trail, and bike racks would be provided along the perimeter trail in sight of destination facilities, with NO BIKES PAST THIS POINT signs posted on the fencing at access points. The perimeter trail and fencing should be far enough away from the baseball players benches so the kids and coaches are not distracted by things happening on the trail.

#### **ESTABLISH PRIORITIES FOR DEVELOPMENT:**

Len Policelli presented a large copy of the site plan drawing the committee members had before them. Over that drawing, a piece of tracing paper was laid. With a marker, and the facilities improvements list provided to them in the meeting packet, the members where asked to prioritize which upgrades and installations they would like to see accomplished first, second.....etc... Lines were drawn on the map to create a priorities map. General costs were also discussed.

The results are as follows:

1. The Perimeter Trail. The township has applied for a Green Futures Fund Grant from Lehigh County for half the money necessary to install this facility. This trail is important because it will provide an accessible link to almost all facilities within the park, as well as providing a safe place to walk within the community. As part of this grant application, a 5' gravel trail between Lindberg Park and Allentowns Little Lehigh Greenway will be developed to connect the two recreational facilities.
2. The Perimeter Trail Fencing and Signs. This will be an important next step in allowing fuller use of the perimeter trail by bicycles and possibly dog walkers, while providing a measure of safety within the park from bicycle damage and doggie waste.
3. Baseball Field Upgrades. Due to the introduction of Fall Ball, the baseball fields at Lindberg Park are used almost continually from March through October. Upgrades to both fields include a much needed equipment building, ADA access facilities, a new backstop for the larger field, batting tunnels and a level area behind the large field for bull pens. The baseball league historians on the committee, said they had tried to strike a deal with the developer of the adjacent development before homes were built to acquire land to expand the baseball facilities, but the developer was not agreeable. In order to create the flat area necessary for bull pens behind the large fields backstop, a wall will have to be built along the inside edge of the perimeter trail. This feature was added to the site design drawing.
4. Pavilion and Restroom Upgrades. URDC recommended the township hire an architect to conduct a feasibility study to see what options are available and what is necessary to update the pavilion. The restrooms are a priority and once the options are known, upgrades may be accomplished as one item or broken up into individual items.
5. Install Seondary ADA Facility Pathways, Regrade Swale and Install Raingardens. This item would include a mass grading operation in the middle of the park, involving facilities on the interior of the park and not accessible from the perimeter trail. Existing trees would be protected, evergreens in decline would be removed. Grades for future construction of the Tranquility Garden, Pickle Ball Courts, and Multi Purpose Field would be accomplished in this phase, as well as providing ADA pathways to all existing facilities.
6. Create Dedicated Bike Lane on Lindberg Avenue and Crosswalks. A dedicated bike lane on Lindberg Avenue met with unanimous approval at the public meeting. This bike lane would provide a safe place for walkers and cyclists within this neighborhood and would connect three schools with available recreational venues in the neighborhood. Crosswalks and Curb Cuts are proposed to be installed on Lindberg Avenue to provide safe access to the park. The committee intends to petition the police department and the Salisbury Township Board of Commissioners to have the speed on Lindberg Avenue reduced to and posted as 25 MPH in front of the park.
7. Playground Renovations. This phase will require specialized design and engineering, in addition to many hours dedicated to fund raising.

8. Primary Parking Lot Improvements. Redesign includes realigning, adding green islands, infiltration areas and drop off areas for the playground and pavilion, and for the baseball fields. A low level of lighting is desired, and a screened dumpster area. Repaving the spaces using permeable pavement will be explored if money is available. A new park identification sign and landscaping would be included in this phase.
9. Secondary Parking Lot Improvements. The improvements to the smaller neighborhood lot are similar to those recommended for the primary lot.
10. Tranquility Garden and Landscaping. The tranquility garden is an area that holds the potential to develop slowly as money and time permit. The area will need a specialized design. Pervious pavers and a rustic overhead structure are possibilities for this area. Landscaping will be a native shrub and tree mix, planted on gentle earth mounds, and designed to provide privacy without sacrificing security.
11. Install Pickleball Courts, Relocate and Re-install Volleyball Court, Resurface Handball Wall. This phase can be broken out into separate phases, or added in pieces to other phases.
12. Wildlife Buffer Planting and Educational Signs. This work will be accomplished as funding becomes available or by volunteer effort as the above phases progress. There are many areas within the park that are compacted and barren and lend themselves to the creation of extensive swaths of native groundcovers and flowers. As the secondary access paths are installed, these plantings can be designed and installed. Educational signs will encourage residents to appreciate and protect native plantings and the existing specimen trees and to stay on the paths. The area of lawn will be significantly reduced. Residents will have to adjust to the look of natural plantings and the wildlife buffer zone plantings all of which should be allowed to develop naturally, removing only invasive species should they appear. Maintenance staff will have to be educated as to what to eradicate and what to protect.

#### **CONFIRM NEXT MEETING**

The next meeting was scheduled for December 10<sup>th</sup> at 6:30 PM. This will be the second public meeting and the Final Site Design Drawing and Priorities will be presented. The meeting was adjourned at 8:30 p.m.



**TOWNSHIP OF SALISBURY  
LEHIGH COUNTY, PENNSYLVANIA**

**LINDBERG PARK MASTER PLAN & NEIGHBORHOOD CONNECTIONS STUDY**

**MEETING MINUTES**

**Monday, December 10, 2012**

**6:30 pm**

**(MEETING #6, Public Meeting #2)**

**IN ATTENDANCE:**

<b>Randy Soriano</b>	Township Manager
<b>Bob Agonis</b>	Resident
<b>Genny Baillie</b>	Recreation Director
<b>Frank McCullough</b>	Recreation Advisory Committee
<b>Frank Admacik</b>	Recreation Advisory Committee
<b>Joanne Conley</b>	URDC
<b>Len Policelli</b>	URDC
<b>Mark Wilson</b>	Recreation Advisory Committee/Baseball Coach
<b>John Andreas</b>	Director of Public Works – Salisbury Township
Paul Willenstein	Salisbury Press
Wendy Solomon	Salisbury Patch
Kim Rutt	Resident
Bob & Dee Goehler	Residents
Edward Tremba	Resident
Allen Vaughan	Resident
Ken Sacks	Resident
Janice & Bob Ritter	Residents
Don & Susan Didra	Residents
Andy Slabikosky	Resident
Betsy & Dan Mikuta	Residents
Marion Gewartowski	Resident

**INTRODUCTION**

Len Policelli of URDC introduced himself and Joanne Conley, the consultant firm members in attendance. He spoke about the purpose of the master plan, how it has been developing over the course of this year based on input from the committee and the community.

**POWER POINT PRESENTATION**

Len Policelli continued with the second slide, recognizing DCNR and explained the requirements of the master plan grant and the master plan process.

The third slide revealed the Draft Site Design Drawing that was presented at the last public meeting with the most critical change overlaid. Joanne explained that due to public comment from property owners to the south and west of the park, the perimeter trail had been moved away

from the boundary line 20' to the inside. The existing chain link fence will be relocated to the property line and buffer plantings installed to ensure the privacy of those residents on the south and west sides of the park. Joanne then explained that in order to bring the plan concepts to reality, the project would need to be divided into manageable phases.

The fourth slide showed the first phase of proposed development, and the most requested piece, the perimeter trail, with crosswalks to slow traffic on Lindberg Avenue, and the footpath to the Little Lehigh Greenway finished with gravel.

The fifth slide, was presented by Len Pollicelli who spoke about the proposed phase two, which includes a perimeter fence inside of the perimeter trail to segregate bikes and dogs from the interior of the park, signs and bike racks to assist with enforcement, as well as the planting of the 20' buffer between the perimeter trail and the boundary of the park on the south and west sides. The sixth slide and proposed third phase was the baseball field improvements, highlighted by Len. The proposed improvements include bullpen areas, batting cages, a new backstop and improved handicapped access to both sides of both fields.

The seventh slide explained by Joanne Conley showed the proposed fourth phase, the renovation of the pavilion. She explained the need for the renovations, the benefits to upgrading this structure and that an architect should be consulted for the best result. The fifth phase would revamp the existing access to the facilities from the interior of the park. The paths are currently not in the best of shape. New paths would prevent compaction and bare soil, and would be designed to highlight the existing memorial gardens. Re-grading of the interior of the park to provide rain gardens and a working swale, removal of the overgrown blind garden would be included in this phase to complete the major interior grading work.

The eighth slide showed phases six and seven. Len Pollicelli explained the proposed sixth phase of development, the dedicated multiuse travel lane on Lindberg Avenue. He explained that this could be installed in phases, and would help to slow traffic on Lindberg, as well as providing a safe place for residents to walk. The seventh phase concerns the playground area. Len explained the need to add natural elements to this space, and the need to provide an inclusive play experience for handicapped children. New water features are also proposed for this phase to enhance that aspect of the summer playground program experience.

The ninth slide showcased the parking lot improvements, phases eight and nine. Joanne Conley explained the improvements proposed to both parking lots, which include improved circulation and entrance areas, new signs, safe drop off areas, pervious paving for new areas of paving and infiltration areas as well as some solar powered security lighting.

The tenth slide, showing the proposed tenth phase of development was explained by Len Pollicelli. This was the reconstructed quiet garden area, re-named the Tranquility Garden area by the consultants. This area might include pervious paving, tables and benches, an overhead structure and an expanse of native plantings around it. Len explained the need for a vegetated swale and rain gardens in this area of the park which appear on the plan in this phase.

The eleventh slide was presented by Joanne Conley. Joanne reviewed the items the committee would like to see, but these are the lowest in priority. These items include plantings throughout the park, creating contiguous wildflower and native plant pockets, clean up and replanting of the buffer area on the east side of the park, a pickleball court, and restored sand volleyball court with an improved under drain system to keep the sand dry, requiring less maintenance.

Len spoke about how the development process would not necessarily have to be in the order selected by the committee and presented in the slides. He explained the inherent flexibility of the master plan document and how the recreation committee would continue to meet and decide



how they felt development should proceed. He explained that they may decide to install phase 5 instead of Phase 3 in the third phase of development as an example.

The twelfth slide explained some potential fund raising methods. Joanne Conley briefly reviewed some grant funding sources, such as DCNR and several playground companies. Taxes and Bond Referendums were mentioned also, however briefly. Joanne stressed the need to create partnerships with local businesses and service providers, schools and churches. The slide showed examples of fund raising efforts from other communities including a barbeque dinner, a flea market event, and donor names branded onto wood pickets.

Len Policelli wrapped up the presentation with a review of the next steps in the process between the completion of the master plan and development, illuminated by the last slide. He explained that the plan would be reviewed and approved by DCNR and by the Salisbury Township Board of Commissioners. Funding would need to be applied for to begin a phase of development, and construction plans would be created. Once funds are available, necessary permits would be acquired, the construction plans and specifications would be approved after which the project would be put out to bid and subsequently built.

#### Questions and Comments from the Public

1. Residents who use the neighborhood parking lot really fly down Greenbriar Lane into the park. That could be a dangerous area with the trail crossing there.  
*We will include signs and explore the possibility of installing a raised crosswalk across the entrance. Len also explained that by including a median in that entrance, the travel lanes will be narrower, which will result in slower traffic speeds.*
2. Will the larger parking lots come over closer to my property? I live on the south side of the park and I don't want parking closer to my house.  
*The light gray area on the plan shows where the parking lot is now. You can see there is a planting area of 20' and then a perimeter trail that is 10' wide, and then the parking area. The additional paving will be at the entrance drive and at this loop, which is farther to the interior of the park.*
3. What are the types of plants that would be installed in the perimeter planting buffer?  
*Native trees and shrubs, including evergreens and plants that support wildlife.*
4. What is the cost of some of these items? How much is this going to cost?  
*There is a great range within each phase of what the cost could be, and there are many ways to reduce costs to the township. The public works department may be able to provide a good portion of the work "in house". There are playground companies that will help a group of volunteers with the installation of a playground. You provide the labor. You can save money depending on materials and finished designs you select. The total cost for all improvements we showed tonight would be 2 million dollars on the high end, and about 1 million on the low side.*
5. What is the timeline for building from Phase 1 to Phase 11?  
*That is unknown. It will depend on how quickly funding becomes available. If each phase takes two years to progress from idea to construction, it will take more than 10 years to complete the plan presented here.*
6. Wouldn't it make sense to complete all of the grading and paving work at one time instead of breaking it down into so many phases?

*That would be a more ideal situation, but in developing the phases we tried to create work that would cost a sum of money that would be manageable for the township.*

7. Won't the batting cages right next to the tennis courts be a distraction to the tennis players? I don't think they are going to go for that.

*The cages are constructed with netting so there is no impact other than the ball and the bat, which the tennis players can hear now when baseball is in season. There will be a space between the cages and the tennis court, and an opaque screen will be installed on the tennis court fence so that visually they won't see what is happening inside the batting cages.*

8. There are hundreds of dog walkers. Will they be all over the park now?

*The proposed interior perimeter fencing is designed to segregate dog walkers from the interior of the park. Signs will be posted at all locations where the secondary paths intersect with the perimeter trail. There are no dogs allowed in the park.*

9. Why is there no dog park in the plan?

*Dogs are not allowed in the park. If they were, the amount of space required for a dog park would encompass a majority of the 20 acres. You need separate runs for the small dogs, the medium sized dogs and the big dogs.*

10. The crossing of the footpath now to the parkway that crosses Fairfield Drive is dangerous. How will you improve that?

*We will provide wide crosswalks in highly visible colors and signs. The committee may need to work with the police department to allow posting of speed reduction signs in these areas of concern. We want pedestrians to be safe.*

11. Is there any lighting proposed for the park? Like on the basketball courts or baseball fields?

*No. There is some security lighting proposed for the pavilion and parking areas, but no permanent wired lighting.*

12. Will the perimeter trail allow ski-dos, skateboards, or motorized bicycles on it?

*The trail will be paved and is designed as a multi-use trail, so that they could use it. The specific rules of the park will be decided by the township and the recreation committee. As of now, skateboards are not permitted in the park. The police have to enforce the rules. "Like they enforce dogs?"*

13. If a person wanted to provide the entire match necessary to build the improvements to the park, could the name of the park be changed from Lindberg Park, or does it have to be Lindberg Park?

*That would be a township decision.*

14. Is the 9-11 memorial being preserved, since there is a new garden area?

*The memorial will be preserved. It is shown on the plan to be located in the center of the small pedestrian circle just north of the small parking lot, a prominent location.*

15. Since this is a green park, I don't think we should propose any new electric.

*There is no electric proposed other than solar.*

16. With this bike lane and the parking area on the south side of Lindberg Road, will the road be wide enough for people to drive?

*The width of the roadway now is about 35 feet. The bike lane would be 8 to 10' wide and about 7 or 8' is required for parking, which leaves enough room for travel lanes. PennDot requires a minimum width of 10' on urban highway areas that carry tractor trailer traffic. Narrow lanes will slow traffic.*



17. Are there any lights proposed on Lindberg? Traffic is going to fast because people are using Lindberg as a short cut to get from 24<sup>th</sup> St. to Cedar Crest. It is dangerous. People from Meadowbrook don't want to walk on Lindberg because it is too dangerous. *There are no lights proposed. That would be outside of the scope of work of the park, but you could bring that up with the township. The bike lane is usually a brightly colored material that really stands out, and the crosswalks and reflective signs should help slow traffic.*
18. Who is going to talk about the costs? Randy can you comment on the financing? *We could be constructing the perimeter trail as early as 2014 using county and state grant money. There is some capital improvement money in the budget. You should create a plan for what you want and work on funding it as money is available. We will apply for grants, but the program might not be available in ten years. But you have to start with a plan so that you know where you want to go.*
19. How much did the master plan, this plan, cost? *The township paid 22,400 dollars and the other half came from DCNR. The total cost of this plan is 44,800.00*
20. Once you have grant money are you committed to come up with the other half of the money? *The state will not give grant money unless they know you have your half of the funding in place. Your half does not necessarily need to be in cash. It can be from another grant, or it can be in-kind work, or a donation from the community.*
21. What is the cost of the first phase, the perimeter trail? *That phase will cost somewhere in the neighborhood of \$300,000. Franko Farm was planned and then built with grant money. The total cost of that park was \$165,000 back then, and it took time, but now it is well used and nice.*
22. Are there Federal Funds available? *Some of the state money comes from federal programs.*
23. If we want this work we should pay for it ourselves. I had a kid come up to me after the last meeting where I made the same comment, and he told me I was right. See, even a kid knows we are in trouble, we are in debt. *General discussion about how screwed up the economy is goes on for a bit here.*
24. I have lived by the park for 40 years and I think it is nice the way it is. Some of these features shown are nice, but do we need them? *That is what you as a community have to decide. The plan is provided as a guide to what the park could be if it were brought up to the standards of today.*
25. That garden, that tranquility area is nice, but do we need it? The blind garden, when it was built was a really nice area, but 10 years later, it had fallen apart. It was not maintained. *The tranquility garden is low on the priority list, and if it does not get funded, it will not be built. You might decide you don't need it and the area stays lawn or native plantings. Maintenance is an important aspect of development. We intend as part of this plan to be able to reduce maintenance through the use of sustainable materials. Asphalt paving, facilities that don't need painting, etc.*
26. We need a new slide – a tree fell down on it!
27. We need a new backstop for the baseball field, is that on the plan?

28. I have lived by the park for 40 years, has anyone done a study to determine what we need?

*In the master plan report we review the plans that were done in the past, surveys we conducted and interviews we held with people from the community and the committee formed to guide us in the preparation of this plan. As the plan moves towards development, your needs as a community may change, and you may decide you want a pickle ball court first. You have the flexibility to develop that phase first if you so choose. Get involved with the recreation committee, let them know what you want as a community.*

29. There are a lot of good ideas here, I just wish there was a time line and funding sources.

30. We should do the Perimeter Trail, the Secondary Pathways and fix the rest rooms. That is it. I don't need anything else. That is all we need.

Additional items that were brought to the attention of the consultants after the meeting adjourned:

- A resident reminds us of his offer to donate a Dawn Redwood to the park.
- The home owner whose driveway is within the park wants the fence not too close.
- Improving the park is a good idea.
- The baseball teams are looking into ways they can raise money to complete their phase as soon as possible, without the use of grant money! Way to go teams!



## Meeting Minutes

### LINDBERG PARK MASTER PLAN & NEIGHBORHOOD CONNECTIONS STUDY

May 21, 2012, 6:30 PM, Lindberg Park

#### KICK OFF MEETING

#### IN ATTENDANCE

##### *From Salisbury Township*

<b>Randy Soriano</b>	Township Manager	<a href="mailto:rsoriano@salisburytownship.org">rsoriano@salisburytownship.org</a>
<b>Cynthia Sopka</b>	Director of Planning	<a href="mailto:csopka@salisburytownship.org">csopka@salisburytownship.org</a>
<b>John Andreas</b>	Director of Public Works/Parks	<a href="mailto:jandreas@salisburytownship.org">jandreas@salisburytownship.org</a>
<b>James Brown</b>	Board of Commissioners	<a href="mailto:jbpackerfan4@yahoo.com">jbpackerfan4@yahoo.com</a>
<b>Debra Brinton</b>	Board of Commissioners	<a href="mailto:Debbie@brinton.net">Debbie@brinton.net</a>
<b>Genny Baillie</b>	Director of Recreation Programs	<a href="mailto:g.baillie@rcn.com">g.baillie@rcn.com</a>
<b>Frank Adamcik</b>	Recreation Advisory Committee	<a href="mailto:fadamcik@rcn.com">fadamcik@rcn.com</a>
<b>Antonella DiMatteo</b>	Recreation Advisory Committee	<a href="mailto:ant433@aol.com">ant433@aol.com</a>
<b>Mark Wilson</b>	Recreation Advisory Committee	<a href="mailto:mrw@ieee.org">mrw@ieee.org</a>
<b>Glenn Miller</b>	Environmental Advisory Council	<a href="mailto:glenn.miller@ssmgroup.com">glenn.miller@ssmgroup.com</a>

##### *Residents*

<b>Frank McCullough</b>	St. Thomas Moore Parish	no email
<b>Bob Agonis</b>	Neighborhood	<a href="mailto:agonis@rcn.com">agonis@rcn.com</a>
<b>Karen El-Chaar</b>	Friends of the Allentown Parks	<a href="mailto:kelchaar@allentownparks.org">kelchaar@allentownparks.org</a>

##### *Private Sector*

<b>Mary L. Tirrell</b>	Lehigh Valley Health Network	<a href="mailto:mary.tirrell@lvhn.org">mary.tirrell@lvhn.org</a>
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##### *OTHER Planning Agencies*

<b>Cindy Feinberg</b>	Lehigh County Planning	<a href="mailto:cindyfeinberg@lehighcounty.org">cindyfeinberg@lehighcounty.org</a>
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##### *URDC*

<b>Len Policelli</b>	URDC	<a href="mailto:lpolicelli@urdc.com">lpolicelli@urdc.com</a>
<b>Joanne Conley</b>	URDC	<a href="mailto:jconley@urdc.com">jconley@urdc.com</a>

The meeting was held at the pavilion at Lindberg Park. The meeting began a few minutes later than scheduled to accommodate a few late arrivals. In total there were 15 committee members in attendance. The weather was overcast and slightly drizzly at times, but the committee and consultants were able to walk the site.

Len Policelli of URDC began the meeting by introducing himself and Joanne Conley, also from URDC. He spoke briefly about the process of creating a master plan and what would be expected of the committee. Introductions of committee members, who have a range of experience and backgrounds, were made.

Joanne Conley reviewed the objectives defined during the grant writing process, and the past planning documents that supported the creation of an updated Master Plan for Lindberg Park. There was discussion about the need for safe places to walk within the community, and especially to the park. URDC was presented with an aerial map of what may be an additional easement between Lindberg Park and the Little Lehigh Parkway. This will need to be investigated further.

The committee and URDC then walked the site. Len Policelli led the group highlighting both the positive and negative features that currently exist at the park. The walk began behind the pavilion, in the playground area. Slope, ADA, and current playground safety were discussed.

Basketball courts were recently repaved, with a few small puddles from the recent rains. The blind garden was discussed with the potential for future use and renovations to this smaller area within the park. Tree health was discussed as we walked, several trees were damaged in the early snow of 2011 and some have been cut down. Shrubs are leggy and have been over pruned. Evergreens are thin due to lack of sunlight from the larger over story shade trees. There is evidence of soil compaction throughout the park, and areas of dense shade where the soil is completely bare. Small pockets of water are retained on the site. Len discussed the need to update stormwater management on the park property, and some of the available methods to do that. There is a vacant lot adjacent to the Greenbriar Road Entrance. John Andreas reported that Salisbury Township owns 20' on the outside of the playground fence on that parcel for maintenance purposes. The possibility for extending a park link to the neighborhood using this parcel was discussed. We walked the first half of the easement, now used as a footpath, which links Lindberg Park with the Little Lehigh Park and Greenway Trail System. Questions were raised about encroachments with neighboring properties and the need to alert property owners adjacent to the park about upcoming meetings and proposed agendas to ensure any concerns they may have will be addressed.

The group walked around the baseball fields, stopping to observe another naturally occurring rain detention spot, and stopping by Frank McCullough service memorial. There was a discussion about the use of open lawn area, potentially as multi-purpose fields, and if the two ball fields are both necessary. Frank McCullough mentioned the fencing along the eastern portion of Lindberg Avenue was installed to prevent park users from parking along the curb and allowing their children to run on and off the adjacent ball field.

The walk wrapped up at the pavilion, where committee members were asked to participate in key person interviews. Eight members from the group volunteered and will be contacted.

Questions concerning development, finding funding and next steps were discussed. The meeting was adjourned at approx. 8:00 PM.



**TOWNSHIP OF SALISBURY  
LEHIGH COUNTY, PENNSYLVANIA**

**LINDBERG PARK MASTER PLAN & NEIGHBORHOOD CONNECTIONS STUDY**

**MEETING MINUTES  
Monday, June 18<sup>th</sup>, 2012  
6:30 pm  
(MEETING #2)**

**IN ATTENDANCE:**

<b>Randy Soriano</b>	Township Manager
<b>Debbie Brinton</b>	Board of Commissioners
<b>Cynthia Sopka</b>	Director of Planning & Zoning
<b>Glenn Miller</b>	Environmental Advisory Committee
<b>Bob Agonis</b>	Resident
<b>Mary Tirrell</b>	Lehigh Valley Health Network
<b>Genny Baillie</b>	Recreation Director
<b>Frank McCullough</b>	Recreation Advisory Committee
<b>Frank Admacik</b>	Recreation Advisory Committee
<b>Joanne Conley</b>	URDC
<b>Len Policelli</b>	URDC
<b>Luke Eberwein</b>	Resident

**REVIEW ANALYSIS MAPPING**

Len Policelli of URDC stated that since the last meeting on May 21<sup>st</sup>, he has put together maps that will be included in the Master Site Plan with the existing recreation resources in the area. Reduced scale copies of the maps were handed out to committee members. He went over the map in detail of what is included, such as trails and schools. He noted a dashed line where the possible trail connection from Lindberg Park to the Lehigh Parkway area will be located. A discussion ensued about connecting all the parks with trails. Mr. Policelli stated that URDC has been looking into it and noted that it will require some street connections. He indicated that they will have to consider some options on Lindberg Avenue to connect Lindberg Park to the Lehigh Parkway.

**KEY PERSON INTERVIEWS**

Len Policelli stated that the interviews were not on the website as of yet. Ms. Sopka inquired if there was an age group involved for the interviews. Mr. Policelli stated that the ages involved were from 12 and up and the people who were interviewed have a knowledge of the area and an interest in recreation.

In the interviews, each respondent was asked to evaluate the adequacy of the size, the amount of use and the condition of each of the existing facilities at Lindberg Park. Mr. Policelli reviewed the results of that question and any related comments that were made:

- Playground – Mr. Policelli noted that it got good reviews and it was highly used, but almost everyone said it needed some rehabilitation.
- Pavilion – Mr. Policelli commented that everyone said it was a good size and has high usage. He inquired if the pavilion is adequate in size. Ms. Baillie replied that it has a capacity of 90 people and to increase that number, there would be a parking issue.
- Fencing – Mr. Policelli stated that the fencing will require attention within the committee as to how to handle it in the future because it does pose a challenge with maintenance. He noted that most people responded that the fencing needs rehabilitation. Ms. Baillie commented that she likes that the playground area is segregated with a fence. Luke stated that the fence between the playground and basketball courts was cleared out and is not in good shape. He noted that if the section of fence was removed or moved, there would be more playing ability between the two areas.
- Basketball courts – Mr. Policelli stated that the basketball courts are in good shape and are used a lot. A discussion ensued about the usage of the courts and the older teenage males that it attracts.
- ADA/Inclusive Play – Mr. Policelli stated that ADA access will be handled by incorporating the overall perimeter walking trail as people will be able to come off the parking lot and head to the trail to gain access to the basketball and tennis courts. He also commented that the bathrooms are large enough to accommodate wheelchairs. Ms. Baillie commented that one of the newer playground areas is ADA and can be accessed from the road through a gap in the fence. She said the wood carpet around the play equipment is an ADA acceptable surface.
- Tennis – Mr. Policelli stated that the tennis courts are highly used and in good shape. It was mentioned that the township gets calls if the courts need maintenance. The committee added the courts were re-surfaced 3 years ago.
- Baseball – Mr. Policelli noted that the baseball fields are highly used but the backstop needs replaced.
- Sand Volleyball – Mr. Policelli noted that the court is not used much, possibly due to the sand (more compact instead of fluffy). Mr. McCullough commented that it is used heavily when there are picnics at the pavilion, but it needs to be maintained with raking and more sand. Luke noted two ideas for more court usage: first, some sort of shelter with pillars on each corner to hold up a mesh-type covering to help with leaves littering the court; and second, getting the word out that there is volleyball available at Lindberg. Ms. Baillie commented that kids play in the sand often when no one is playing volleyball and the best way to advertise the availability of the court is to use the Township's website.
- Handball – Mr. Policelli commented that it has low usage and one person commented that it could be removed. He noted other comments were that it was used for one-on-one tennis. Luke noted that Coach Wilson used the wall to shoot wiffle balls. Someone commented that it needs to be painted occasionally to look good.
- Shuffleboard – Mr. Policelli commented that the area is not used much, and Ms. Baillie noted that it needs to be repainted. Luke stated that the asphalt is cracked and bumped and the area is overgrown with grass. Mr. Policelli commented that not many people have the equipment to play. Ms. Baillie stated that the Recreation Committee should take another look at the current condition of this facility.



- Parking – Mr. Policelli stated that the parking area is highly used and there was one comment about it needing work. A discussion ensued about moving the parking lot to a centralized location. Luke suggested making a drop-off section, not necessarily a new parking lot.
- Landscaping – Mr. Policelli noted that the remarks were split 50/50 on good and bad comments. A discussion ensued about the sweet-gum trees and the maintenance they require. Luke suggested tulip trees as a replacement. It was generally agreed that the buffer areas surrounding the property need to be looked at for ways to beautify them. Evergreens were suggested as good additions.
- Paths – Mr. Policelli stated that they do need to be updated and 2/3 of the people suggested adding a perimeter trail.
- Blind Area – Mr. Policelli noted that everyone thought it needed rehabilitation. He commented that a water feature was suggested and people liked that it was private and had a different feel than the rest of the park. Ms. Sopka suggested planting scented plants like lilac, lavender and sage.

Respondants were then asked if there were any programs and or facilities they might like to see within the park. Mr. Policelli reviewed the suggestions made during the interviews.

- A multi-purpose field that would overlap possibly for soccer. The youth athletic league representatives said that with fall ball, this idea is no longer practical. Placing a multi purpose field in the southern corner and opening that area up for more light by removing trees was discussed as an option. Ms Conley from URDC stated that a new multi purpose field would not be for the purposes of scheduling games or practices for teams, but would be an area for pick up games and general use by residents.
- Additional programming, especially for older adults was a common suggestion as was a connection to the Lehigh Parkway.
- A discussion of maintenance and the need for some type of stormwater management facilities brought on the following discussion. Mr. McCullough commented about water drainage and noted that there is a drainage swale which goes down to where the ball field is and fades out. Mr. Policelli inquired if there is a problem on the ball field with wetness. McCullough replied that no, it is natural what happens with the rain. Ms. Sopka commented that some of the succulents and shrubbery are good with helping to soak up some of the groundwater and she noted that it is part of that sustainable concept as well.
- Dogs were discussed, with half in favor of allowing them and half want them not allowed, citing that some dog owners will not keep their dogs on the leash. Frank McCullough stated a dog park was discussed in the past and might be possible in the southern corner below the McCullough field.
- Winter activities were discussed. Ms Baillie stated that the park is not officially open because the facilities must be shut down in late fall after fall ball. Mr. Sorriano noted that the park can still be used for activities. Cross country skiing was a popular suggestion, and the creation of a sledding hill for smaller children was discussed. It was generally agreed upon that bigger hills are available close by at the Parkway and Alton Park for older children.
- URDC stated that the next meeting will include a presentation from a company that specializes in traffic calming solutions, including specialty pavements to create bike lanes

and pedestrian safe areas crossing the street. Luke said that motorcycles are especially fast and riders practice stunts while driving down Lindberg Road.

Mr. Policelli then talked about some of the activities happening in the park that are undesirable. Dog walking, bike riding, golf, and parking on Lindberg Road. It was generally decided that there is a need for improved enforcement measures to ensure rules are followed for the benefit of other users. Dogs must be leashed and walking on paths if they are to be allowed. Bicycle riders coming to the park to participate in activities must stay on paths and use a bike rack. Golfing should not be allowed at all. A bike lane along Lindberg and signs would keep people from parking curbside. Skateboards should not be allowed as there are other facilities for them to use. Coaches should be more vigilant about picking up equipment and balls after practices and games.

Elements to keep included: Closing the park at dusk, keep lawn areas for running, keep neighborhood feel to the park. Everyone was in support of these aspects of Lindberg Park.

Joanne Conley from URDC then reviewed the assets and advantages of Lindberg Park. These included the size, location and topography, especially in terms of adding inclusive facilities. The mature trees and the existing potential to attract wildlife are positive aspects. Cynthia Sopka noted the Salisbury Township had received Bird Town, USA designation from the Audubon Society. Stormwater issues can be easily accommodated. A good utility infrastructure exists that can be added to if desired. The park has the support of the neighborhoods because people use the park. A great framework exists to create connections between the community and Lindberg Park.

Cynthia Sopka asked what the state would be most likely to fund in the near future. The culmination of the discussion was that URDC would put together an estimate for the installation of a multi-use accessible trail that would follow the perimeter of the parks boundaries. The township wants to put together a grant application for Lehigh Counties Green Futures Fund.

Len Policelli reviewed issues that need to be resolved, including: Trees that are no longer healthy due to over crowding, pavements that are broken up and patched due to tree roots, the encroachment of “native vegetation” growing along the park’s borders, need to provide for ADA, need to slow traffic on Lindberg and enhance neighborhood “walkability.”

The last item on the agenda was the analysis of potential additional uses, those suggested by the committee and those strongly encouraged by the grantor.

As the time crept past 8 PM, committee members began to excuse themselves. It was decided that a written survey would be distributed by email to the committee members to ascertain which facilities they consider to be a priority for future development, which facilities should receive priority renovation, and which facilities can remain as is, and which facilities they do not wish to see incorporated into the park.



**Lindberg Park Master Plan Key Person Committee**  
**Meeting Minutes**  
**7/23/2012**  
**6:30 p.m.**

Committee Members In Attendance were:

Luke Eberwein  
Glenn Miller  
Bob Agonis  
Frank McCullough  
John Andreas  
Allen Stiles  
Bryan Losagio  
Debbie Brinton  
Genny Baillie  
Cindy Feinberg  
Randy Soriano

Consultants - Len Pollicelli and Joanne Conley from URDC

Special Presentation - Mike Plath – Traffic Calming USA

URDC handed out an agenda for the meeting, along with an arial map showing the park in the context of the surrounding neighborhoods and schools. On the map, in red lines were proposed bike routes and in yellow, proposed crosswalks. Gateway areas were marked with a red star.

Len Policelli began the meeting by reviewing the meeting agenda. Joanne Conley introduced a sales representative from Traffic Calming USA, Mike Plath, who came to present ideas for traffic calming, neighborhood gateways, crosswalks and bike lanes. Mike introduced methods and materials that might be used in the neighborhood, current costs and life expectancy. Sample materials were passed around.

There were many comments from the group. Chief Stiles reported that the police department has on many occasion conducted enforcement in the area but has not evidenced speeding on Lindberg Avenue. Gennie Baille and Luke reported that during baseball games cars drive by too fast and there is no place to safely cross the road. A problem exists in that parents who have children playing baseball prefer to park on Lindberg Avenue and do not use the parking lot. Chief Stiles said that in order to eliminate parking on Lindberg Avenue, the Board of Commissioners would need to approve it by Ordinance, and the public could comment on the motion during the process and such a proposal could fail. Luke suggested a slightly raised bike lane might deter persons from parking on the road. John Andreas commented that if the bike lane was only on one side of the road, depending on which one was one traveling on, some in the bike lane would be traveling with their backs towards on coming traffic. He also stated he did not think crosswalks would be warranted along the entire length of Lindberg Road, only at the major intersections close to the park. Chief Stiles also informed the group that in Pennsylvania a law was recently enacted allowing bicyclists to travel in the cartway sharing the road with vehicular traffic. Vehicles must leave a 4' safety zone around a cyclist at all times when passing. Gennie Baillie commented that she would not want her 3 year old to bike to a park in the street. A bike lane would be safer in that scenario. Bryon Losagio said he would feel more comfortable walking across homeowner's lawns than in the street on a dedicated lane. John Andreas agreed with Officer Losagio. Joanne Conley brought up the necessity to provide for the less mobile and that flat paved surfaces are required to meet the needs of this population, which includes the older population. The potential to add sidewalks in the area of the park was then discussed as an alternative to a lane or lanes in the street.

Len Policelli introduced the second item on the agenda, the results of the take home survey regarding facilities. Joanne Conley handed out a results tabulation showing the facilities, both existing and proposed and which were strongly supported by respondents.

Len Policelli then began the third item on the agenda – a review of three conceptual plans for the park, including items desired by the committee, including results from the most recent survey. Len explained that there may be some ideas from all three concepts that the committee will like, and those will be combined to formulate one master plan. So the master plan will most likely be a combination of all of the best ideas from Concepts A, B and C. CONCEPT A – included a repaved and widened maintenance path through the center of the park, with connecting paths to all facilities, event kiosks at both parking areas, a reworking of the former blind garden area to include new plantings, water and seat walls, an active lawn area in a dark and unused corner of the park, new circulation and layout patterns in both of the parking areas, including drop off areas for both ball fields and the playground, infiltration areas for storm water, a relocated volleyball court, new pickle ball courts, a completely revamped playground area, replacing the existing fencing with more aesthetic type and keeping it in the same location, and a 10' wide paved perimeter trail.

CONCEPT B – included a new system of walking paths throughout the park connecting all facilities, a second option for the parking area on Lindberg Avenue, a passive garden in the unused corner of the park, smaller courts for pickle ball or 10 and under tennis in what is now the blind garden area, berms instead of fencing to separate the playground from the volleyball and basketball areas, events kiosks at both parking areas, infiltration areas for storm water, raising the volleyball court to improve drainage, a completely revamped playground area, including both nature play and inclusive play, using fencing all around the inside of the perimeter trail to separate bicycles and dog walkers from the interior of the park where bikes and dogs are not permitted, a baseball storage shed, and a 10' wide paved perimeter trail.

CONCEPT C – included the walking path system shown in Concept B, a third option for parking on Lindberg Avenue, a drop off area in the Greenbriar Lane Parking Lot, regarding the playground area to an all inclusive slope and using the soil from the excavation to create berms in other areas of the park to separate uses, using a wall to separate the playground and baseball field from Lindberg Avenue vs. fencing, the addition of a non-vehicular entry across from the Buckingham/Lindberg Avenue intersection, a combination storage shed/concession stand and a 10' wide paved perimeter trail.

All of the concepts were discussed at length. The consensus at the end of the meeting concerning the existing and proposed facilities was:

Perimeter Trail – a must have and one of the committees highest priorities. Provide non-vehicular entry at the Lindberg/Buckingham intersection.

Parking – drop off areas are desired, try to create a scheme for the Lindberg Avenue Lot with one central wider entry and internal infiltration for run off

Playground – rework as in Concept B. Provide areas for nature play and for inclusive play, keeping the open lawn through the middle for relay and lawn games. Add a merry go round (or two) and a sand pit. Renovate the spray feature with updated equipment. Separate from volleyball and basketball with earth berms and plantings vs fencing.

Fencing – use fencing on the inside of the perimeter trail to separate uses

Volleyball – keep it in the current location, but raise it and provide under drainage system to keep sand dryer and fluffier to encourage more use. Hard wet sand currently discourages use.

Shuffleboard – will be removed.

Handball Wall – will be repaired and left in current location.

Quiet Garden – renovate with new paths and plantings, keeping in current location. Yes to seat walls, No to water feature. Playing music that sounds like nature would be less maintenance. If proposed seat walls must have some provision to prohibit skate boarders!

Baseball Storage Shed – only if it is a nice one

Additional Courts for Pickleball – don't know if they would be used – 10 and under tennis can be played on existing courts by purchase of a striping system.

Active Lawn Area – very well received and desired in dark corner of park – lighten this corner by removing trees, planting turf, and encouraging it to be used.

Baseball – replacing the backstop fence is a top priority

The meeting adjourned at 9:00 p.m.



**TOWNSHIP OF SALISBURY  
LEHIGH COUNTY, PENNSYLVANIA**

**LINDBERG PARK MASTER PLAN & NEIGHBORHOOD CONNECTIONS STUDY**

**MEETING MINUTES**

**Monday, September 17<sup>th</sup>, 2012**

**6:30 pm**

**(MEETING #4, Public Meeting #1)**

**IN ATTENDANCE:**

<b>Randy Soriano</b>	Township Manager
<b>Debbie Brinton</b>	Board of Commissioners
<b>Glenn Miller</b>	Environmental Advisory Committee
<b>Bob Agonis</b>	Resident
<b>Genny Baillie</b>	Recreation Director
<b>Frank McCullough</b>	Recreation Advisory Committee
<b>Frank Admacik</b>	Recreation Advisory Committee
<b>Joanne Conley</b>	URDC
<b>Len Policelli</b>	URDC
<b>Luke Eberwein</b>	Resident
<b>Mark Wilson</b>	Recreation Advisory Committee/Baseball Coach
<b>Cindy Feinberg</b>	Lehigh County/Resident
Paul Willenstein	Salisbury Press
Bob Golhecter	Resident
Edward Tremba	Resident
Kent Baird	Wildlands Conservancy
Mary Rooney	Resident
Ann Vaughan	Resident
Ed Cicllaawslai	Resident
Ken Sacks	Resident
Susan McDermott	Resident
Janice and Bob Ritter	Residents
Susan Didra	Resident
Tom Daus	Resident
Kim Dryfoos	Resident
Lorraine Schuette	Resident
Kenneth Schueltz	Resident
Kimberly Rutt	Resident

**INTRODUCTION**

Len Policelli of URDC introduced himself and Joanne Conley, the consultant firm members in attendance. He spoke about the purpose of the master plan, how it develops based on input from the committee and the community.

## **POWER POINT PRESENTATION**

Joanne Conley began the presentation explaining how Lindberg Park was selected as a target project in Salisbury Township. She explained the grant from DCNR, the requirements of the grant, the required master plan process, and where we are in that process. She then went on to elaborate on the specific aspects of the process that are required; including Public Participation and how and what sort of Background Information is collected. She reviewed a map of existing recreational resources within Salisbury Township and the trail connections being developed by Allentown and other surrounding municipalities. She then explained how Lindberg Park could become a node within this network and how it will allow residents to walk or bike from their neighborhood which is now impossible due to the highways and arterial collector roads which surround this neighborhood.

Len Policelli explained the next slide and third part of the master plan – Site Information and Analysis. Several aspects of the park were reviewed in terms of the positive and negative aspects of each. Included were facilities and environmental issues. The original 1972 Master Plan was presented and reviewed. Mr. Policelli reviewed the Existing Conditions Map explaining in more detail the positive and negative aspects of the park as it exists, what aspects are required to be improved upon and what aspects are desirable.

Joanne Conley reviewed the fourth part of Master Plan development, the Activities and Facilities Analysis. This began with a quick review of facilities to remain, the facilities that are in need of an upgrade, and facilities proposed by the committee. Ms. Conley provided data on the number of physically disabled residents under the age of 21 within Salisbury Township who would be able to use an inclusive play space, and the number of residents over the age of 21 who would be able to more fully use and experience the park with improved access and a perimeter trail.

Len Policelli reviewed DCNR required Green Principles. He explained what they are and how they will be utilized in future development phases to increase the township's chances of receiving additional funding.

Len then reviewed the three original concepts that were presented to the committee in July. He reviewed what they liked and what they rejected about each concept.

Joanne Conley then reviewed the fifth part of the master plan process, Design Considerations. She explained that all facilities, both proposed and existing, are reviewed in the context of site constraints, support from previous planning documents, current zoning and SALDO regulations, environmentally protected zones, playground safety standards, ADA regulations and DCNR's green principles. These considerations guide the plan and subsequent development process.

Len Policelli reviewed specific examples of Design Considerations at Lindberg Park. He talked about addressing storm water, and the need to provide on-site infiltration, as well as Allentown's source water protection zone, which overlaps the south east corner of Lindberg Park. He talked about protecting the bare and compacted areas under and around the large trees in the park, by installing shade gardens. He addressed the condition of the buffers around the park; the need to remove invasive plants and install shrubs which provide food and habitat for birds and small

mammals. The role of additional signs was discussed, and educational, identification and way finding sign examples were provided. Further illustrative examples of two items the committee requested, an event kiosk and a tranquility garden, were presented.

Joanne Conley focused for a moment on a secondary, but important aspect of this Master Plan, the need to create community connections. Photographic examples of a bike/pedestrian street lane, a traffic calming island, crosswalks and a PennDOT detail of a bike lane on a curbed road with no sidewalks was shown. A map of the existing easement and a photo of the footpath that exists there now were presented. A map of the neighborhood illustrating potential locations for a bike lane connecting the three private schools, recreation areas, Lindberg Park and Allentown's Little Lehigh Parkway was displayed.

Lastly, The Draft Site Design Drawing, a compilation of the three Alternates was presented and discussed.

#### Questions and Comments from the Public

1. ADA – what does this stand for?  
*Americans with Disabilities Act*
2. Would DCNR Fund transportation enhancements?  
*Possibly aspects of the project, the bike lane specifically might fall under a transportation type grant. Will be discussed at future committee meetings*
3. Are there any species of special concern being protected at Lindberg Park?  
*Not to our knowledge, the PNDI came up with no disturbance, but by enhancing the buffers to support wildlife, you may be able to enhance the environment to support threatened species of plant and/or animal.*
4. Can you play 10 and Under Tennis on Pickleball courts?  
*No. 10 and Under Tennis is best played by stripping the existing tennis courts with a Tennis Association kit. It will be up to the Recreation Advisory Committee if they want to provide that activity on the existing tennis courts. Pickleball is played on a badminton sized court, and can be used for that activity if the net is raised.*
5. What is inclusive play?  
*Inclusive play is an area where everyone, able bodied and sensory, physically and mentally handicapped individuals can play side by side, where they are not playing in segregated areas.*
6. Will there be standing water in the proposed Rain Gardens?  
*Not for longer than 72 hrs., as required by current DEP regulations.*
7. How will you provide privacy for homeowners with that perimeter trail running right behind our homes? What is going to prevent people from crossing into the park through our properties?  
*There will be a planted buffer area of at least 10' between the perimeter path and the property line. Fencing can be left up along the North West side if so desired to protect the property owners along the park's boundaries.*
8. When will all of this work be done? How long will it take?  
*That is part of the process. Before development happens, priorities and proposed budgets have to be created. Funding becomes the responsibility of the township.*



*Priorities can change, and phases suggested at the time the master plan is written may be combined or completed in a different order.*

9. My property is now used as an easement to access the park. With that trail proposed on the outside that could get worse. What can you do to prevent park users from crossing my property?

*We can provide fencing and plantings along the border, and we will look into ways that we can encourage people to access the park from the entrances provided.*

10. We are property owners along the park border. Our sanitary pipe runs into the park and connects to it. Will development cover our clean outs or destroy the pipe?

*No. The pipes and clean outs are shown on the survey of existing conditions and they will be protected.*

We also keep the buffers under control by weeding and mowing. The township picks up the debris.

11. Will fencing run along the inside of the trail the entire way around?

*For the most part. There will be breaks in it for access and to park bicycles near facilities.*

12. There is an unofficial access point on an unused property that people use. We should buy that to create a secondary pedestrian access for the people in that neighborhood.

*Agreement from the community. It is held in private ownership, but the township could approach the owner about the potential to create a permanent easement on the land or to purchase it to add to Lindberg Park.*

13. My son completed an Eagle Scout Project in 2004 to recognize a Salisbury Township resident who was killed on 9-11 in New York. He put a lot of work into that and we wanted to make sure it is preserved.

*The memorial will be preserved. It is shown on the plan to be located in the center of the small pedestrian circle just north of the small parking lot, a prominent location.*

14. Is anyone writing down our comments?

*Yes, they are being recorded.*

15. Have you calculated the amount of impervious paving you are planning to add to the park with all these new paths?

*Impervious calculations have not been done. Some of the paving will be recommended to be impervious.*

Is it necessary to install all of that asphalt? I walk in the street all the time and think we have plenty of places to walk without building a specific trail for it. I cross country ski at Lindberg in the winter on the grass..

*General discussion after this*

16. Is there enough money in the budget to maintain all of these new things? The park is not really well maintained now. They keep the grass cut, but there are weeds and over grown bushes that don't get trimmed but maybe once a year.

*That is part of the planning process to analyze the current staff and money available, and to recommend additional manpower and or monies if necessary to maintain what is built.*

17. We have asked if we can go in and spray for weeds and we were told no. We would volunteer. I don't think the township does enough.

18. The Lehigh Valley Health Center keeps the shrubbery around their facility low for security reasons; can we do that at our park?

*Security is always a concern at parks. We will be talking about that and getting input from the committee at future meetings.*

19. I live catty corner on Lindberg Avenue across from the park and that street is very dangerous. You can't see the curve and I have almost gotten hit on that road. The crosswalks are an excellent idea.

*Discussion ensued about speed on Lindberg and police comment about how they have never caught anyone speeding on that road. Suggestion was made concerning applying for a speed reduction zone there and that the current speed limit should be enforced.*

20. I would not remove the fence on Lindberg Avenue. You need it there to keep kids safe. Comment from Luke – I think hedges would look nice along there, better than the fencing.

*There was more discussion at this point about the potential for a concrete walk instead of a lane in the street, and how the speed limit should be posted.*

21. There is a defunct fountain in the garden area. Are you aware of that?

*It was included as part of the survey.*

22. There is an old sprinkler system in the park somewhere, does that still work?

*The sprinkler is used in the summer by the summer playground program.*

23. The path idea is good, now how can you get from the park to Allentown?

*The easement was explained and discussed. The path used by Allentown for maintenance is somewhat rocky, and the side path leading down to the park is pretty steep. This connection will take some coordination between Allentown and Salisbury Township.*

24. Can the pavilion be rented by anyone or do you have to be a resident of Salisbury Township?

*You don't have to live in the township but you will pay more if you do not. Discussion of how it used to be you had to be a resident but now you don't and if you know some one who is a resident they can rent it for you.....*

*Randy Soriano: The Park can not be closed to non-residents. Liability waivers are signed by all who rent the park; if a group leaves a mess or causes damage they are charged. It is a Public Park funded by Salisbury Township tax payers and state funding helps too so no one can be turned away.*

25. Grant Money – where does all of this money come from? We should be paying for stuff we want and not looking for free money (Comment from Mr. Tremba, resident)

*Half of the audience leaves at this point. And formal discussion breaks down.*

Len Policelli concludes the meeting by reviewing the next steps for the committee members and announcing to the remaining members of the public there will be one more public meeting.

Additional items that were brought to the attention of the consultants after the meeting adjourned:

- A resident wants to donate a Dawn Redwood to the park.
- Protection of properties along the park's perimeter must be a priority.
- Improving the park is a good idea.
- Signs are often vandalized and stolen. What can be done? Do we want more of them?



# PUBLIC MEETINGS



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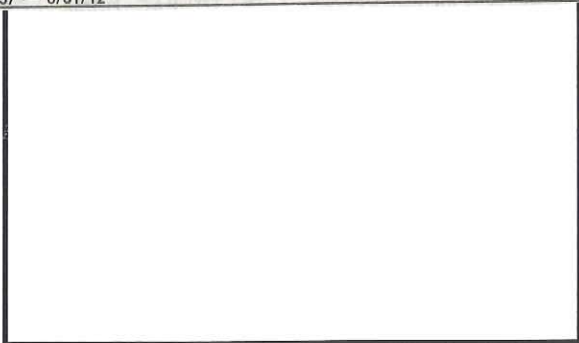


## NOTICE OF PUBLIC MEETING SALISBURY TOWNSHIP LINDBERG PARK MASTER SITE PLAN AND NEIGHBORHOOD CONNECTION STUDY

Notice is hereby given that the Salisbury Township Lindberg Park Study Committee will be holding its first public meeting on September 17, 2012 at 6:30 p.m. at the Municipal Building meeting room, 2900 S. Pike Ave., to discuss the first draft of the Lindberg Park Master Site Development Plan. The Township has received State funding through the Department of Conservation and Natural Resources to undertake this study. Urban Research Development Corporation of Bethlehem has been retained as the consultant. A Key Study Committee has been meeting with URDC in the development of the Plan.

The scope of work is to develop a master plan for Lindberg Park, conserving, updating or eliminating existing facilities dependent on current conditions and needs analysis, integrating new storm water management methods, integrating natural vegetation pockets, investigating ways to strengthen connections to the surrounding neighborhoods and parks, providing accessible multiuse paths and establishing a model 'natural' playground. Two alternative sketch plans will be presented for public review and comment. Come and share your ideas so that the Township can plan accordingly.

Randy Soriano  
Township Manager/Secretary  
#61637 — 8/31/12



STATE OF PENNSYLVANIA }

COUNTY OF LEHIGH

SS:

Sharon A Repsher, Billing & Collections Manager of THE

MORNING CALL, INC., of the County and State aforesaid, being duly sworn, deposes and says that THE MORNING CALL is a newspaper of general circulation as defined by the aforesaid Act, whose place of business is 101 North Sixth Street, City of Allentown, County and State aforesaid, and that the said newspaper was established in 1888 since which date THE MORNING CALL has been regularly issued in said County, and that the printed notice or advertisement attached hereto is exactly the same as was printed and published in regular editions and issues of the said THE MORNING CALL on the following dates, viz.:

and the 31ST day of AUGUST A.D. 20 12

Affiant further deposes that he is the designated agent duly authorized by THE MORNING CALL, INC., a corporation, publisher of said THE MORNING CALL, a newspaper of general circulation, to verify the foregoing statement under oath, and the affiant is not interested in the subject matter of the aforesaid notice or advertisement, and that all allegations in the foregoing statements as to time, place and character of publication are true.

Sharon A Repsher

Designated Agent, THE MORNING CALL, INC.

SWORN to and subscribed before me this 31st day of

AUGUST 20 12

Notary Public

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal

Gayle M. Jenkins, Notary Public

City of Allentown, Lehigh County

My Commission Expires Jan. 29, 2013

MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

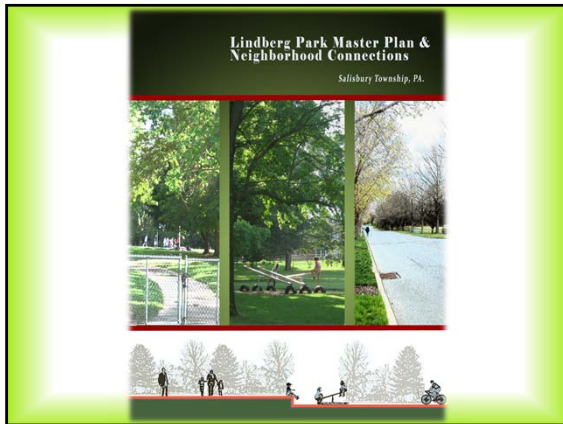
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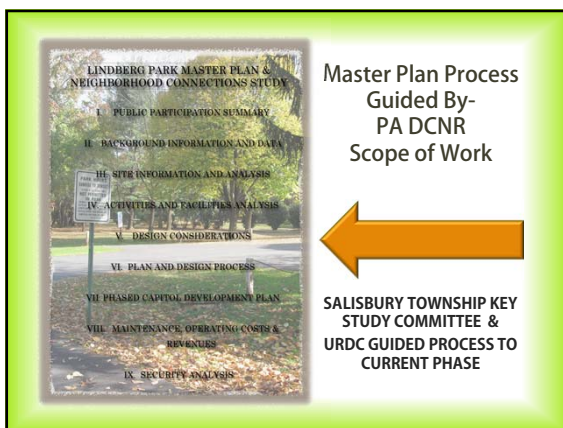
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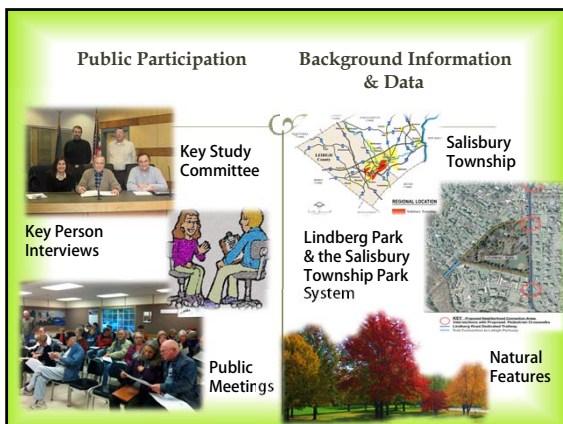
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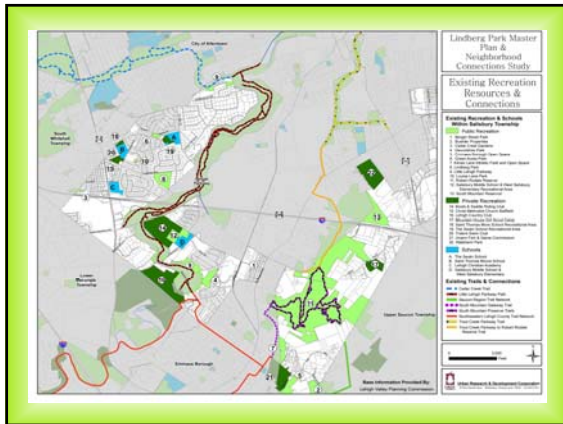
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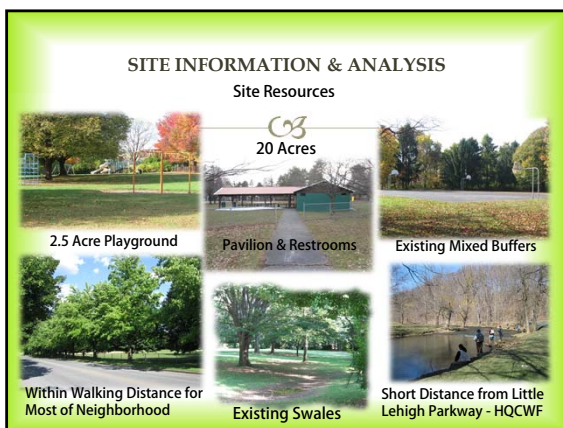
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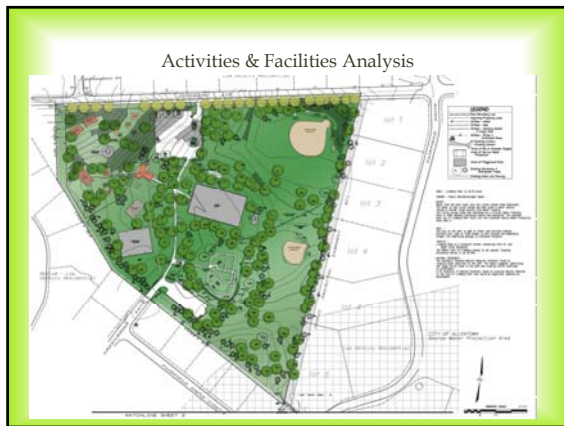
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## Design Considerations

SECTION 1: GREEN/SUSTAINABLE PROJECT SCORECARD – WATER RESOURCES			
#		YES	NO
1	Site runoff will be controlled and retained on the site and post construction runoff will be managed and cleaned onsite.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2	Your site design will protect, enhance or repair wetlands, floodplains, seasonal pools, riparian areas/wetland buffers and/or streams.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3	Your site design incorporates riparian/wetland buffers. <ul style="list-style-type: none"> <li>• Buffer is at least 50 feet (as measured from the top of stream bank/wetland perimeter) Good</li> <li>• Buffer is at least 100 feet (as measured from the top of stream bank/wetland perimeter) Better</li> <li>• Buffer is greater than 100 feet (as measured from the top of stream bank/wetland perimeter) Best</li> </ul>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
4	Your site design will protect, enhance or repair critical groundwater recharge areas.	<input type="checkbox"/>	<input checked="" type="checkbox"/>
5	Water use will be minimized. For example - through the use of drought tolerant turf and landscaping, rain barrels, rain gardens, etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6	Your site will promote groundwater infiltration and reduce runoff through the use of permeable surfacing on parking lots, trails, walkways, etc.	<input checked="" type="checkbox"/>	<input type="checkbox"/>

SECTION 2: GREEN/SUSTAINABLE PROJECT SCORECARD – NATURAL LANDSCAPING AND TREES		
#		YES
1	Where possible include trees on your site and maintain and enhance native wildlife habitat including the protection of threatened or endangered species.	<input checked="" type="checkbox"/>
2	Your site design reflects a thoughtful approach to maintaining maintenance practices. E.g. create native meadows from existing turf lawn, reduce pesticide use, or develop an environmentally friendly lawn care management plan.	<input checked="" type="checkbox"/>
3	Your site plan includes ways to control and manage invasive species, including the use of integrated pest management practices. <a href="http://basic.usgs.edu/">http://basic.usgs.edu/</a>	<input checked="" type="checkbox"/>

SECTION 3: GREEN/SUSTAINABLE PROJECT SCORECARD – GREEN DESIGN AND CONSTRUCTION PRACTICES		
#		YES
1	Your site will be developed on an existing brownfield or grayfield.	<input checked="" type="checkbox"/>
2	Impacts to existing landscape will be minimized to the extent possible given the project objectives. For example, site topography (steep slopes, hillside, forest, and rock outcroppings), trees, soils, etc. will be protected during site construction.	<input checked="" type="checkbox"/>
3	Your site design, construction and use will maximize walkability of the site.	<input checked="" type="checkbox"/>
4	If a new building(s) is proposed, or major renovations to existing building(s) are proposed, they will meet or exceed the LEED silver certification level.  Visit the US Green Building Council website at: <a href="http://www.usgbc.org/displaypage.aspx?CMSPagesID=222">http://www.usgbc.org/displaypage.aspx?CMSPagesID=222</a> (To view the LEED checklist visit: <a href="http://www.usgbc.org/showfile.aspx?DocumentID=2999">http://www.usgbc.org/showfile.aspx?DocumentID=2999</a> ) (To view the 2009 "LEED for New Construction and Major Renovations Guide" visit: <a href="http://www.usgbc.org/showfile.aspx?DocumentID=5546">http://www.usgbc.org/showfile.aspx?DocumentID=5546</a> )	<input checked="" type="checkbox"/>

SECTION 4: GREEN/SUSTAINABLE PROJECT SCORECARD – CONNECTING PEOPLE TO NATURE		
#		YES
1	Your site design will provide the public with optimum site accessibility (meeting Americans with Disabilities Act (ADA) guidelines), safety, and easy finding.	<input checked="" type="checkbox"/>
2	Your site will provide opportunities for children to engage in unorganized outdoor play.	<input checked="" type="checkbox"/>
3	Your site will provide the public with opportunities for passive experiences with nature (i.e. interpretive trails, viewing areas, sensory gardens, etc.).	<input checked="" type="checkbox"/>
4	Your site will include interpretive signage to build awareness and educate site users on various sustainable management practices taking place within the park (e.g. why turf lawn is being converted into a native grass or wildflower meadow).	<input checked="" type="checkbox"/>
5	Your site will protect and promote unique cultural and historic attributes.	<input checked="" type="checkbox"/>
6	Your site creates opportunities for people to walk, bike, or use public transportation to the site and within the site (connect to greenways and trail corridors).	<input checked="" type="checkbox"/>






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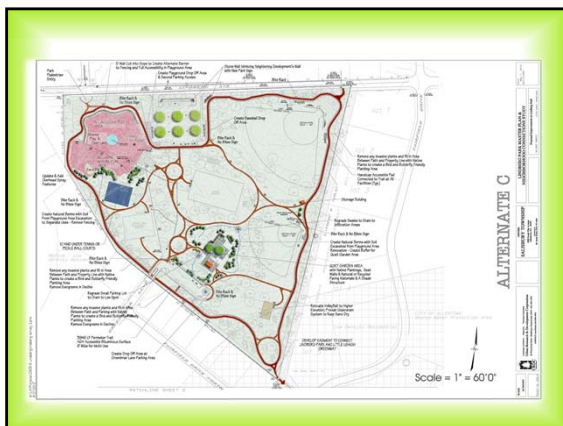
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Under Act No. 587, Approved May 16, 1929, and its amendments

STATE OF PENNSYLVANIA

COUNTY OF LEHIGH

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Sharon A. Repsher, Manager of Billing and Collections of THE

MORNING CALL, INC., of the County and State aforesaid, being duly sworn, deposes and says that THE MORNING CALL is a newspaper of general circulation as defined by the aforesaid Act, whose place of business is 101 North Sixth Street, City of Allentown, County and State aforesaid, and that the said newspaper was established in 1888 since which date THE MORNING CALL has been regularly issued in said County, and that the printed notice or advertisement attached hereto is exactly the same as was printed and published in regular editions and issues of the said THE MORNING CALL on the following dates, viz.:

..... and the 29th day of November 2012.....

Affiant further deposes that he is the designated agent duly authorized by THE MORNING CALL, INC., a corporation, publisher of said THE MORNING CALL, a newspaper of general circulation, to verify the foregoing statement under oath, and the affiant is not interested in the subject matter of the aforesaid notice or advertisement, and that all allegations in the foregoing statements as to time, place and character of publication are true.

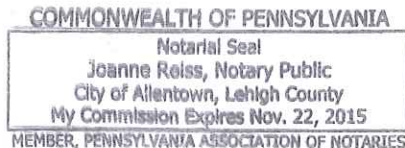
*Sharon A. Repsher*

Designated Agent, THE MORNING CALL, INC.

SWORN to and subscribed before me this 29th day of

November 2012

*Joanne Reiss*  
Notary Public



## NOTICE OF PUBLIC MEETING SALISBURY TOWNSHIP LINDBERG PARK MASTER SITE PLAN AND NEIGHBORHOOD CONNECTION STUDY

Notice is hereby given that the Salisbury Township Lindberg Park Study Committee will be holding its second public meeting on December 10, 2012 at 6:30 p.m. at the Municipal Building meeting room, 2900 S. Pike Ave., Allentown, PA 18103, to discuss the Final Draft of the Lindberg Park Master Site Development Plan. A Key Study Committee has been meeting with URDC, consultant, in the development of a master plan for Lindberg Park, including conserving, updating or eliminating existing facilities dependent on current conditions and needs analysis, integrating new storm water management methods, integrating natural vegetation pockets, investigating ways to strengthen connections to the surrounding neighborhoods and parks, providing accessible multi-use paths and establishing a model 'natural' playground. Come and share your ideas so that the Township can plan accordingly.

Randy Soriano  
Township Manager/Secretary  
#60039 — 11/29/12

## PUBLISHER'S RECEIPT FOR ADVERTISING COSTS

THE MORNING CALL, INC., publisher of THE MORNING CALL, a newspaper of general circulation, hereby acknowledges receipt of the aforesaid notice and publication costs and certifies that the same have been duly paid.

THE MORNING CALL, INC. a Corporation,  
Publishers of THE MORNING CALL  
A Newspaper of General Circulation

By *Joanne Reiss*

Record #34998





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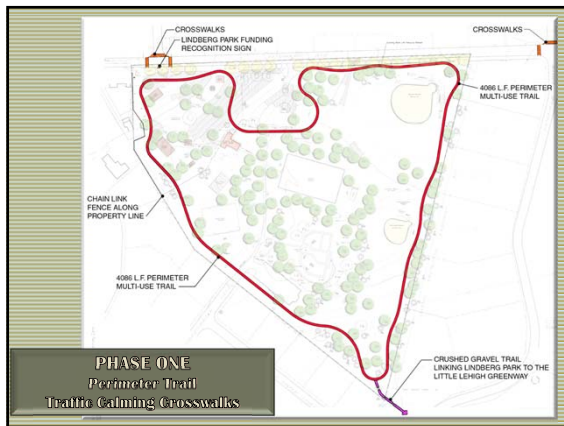
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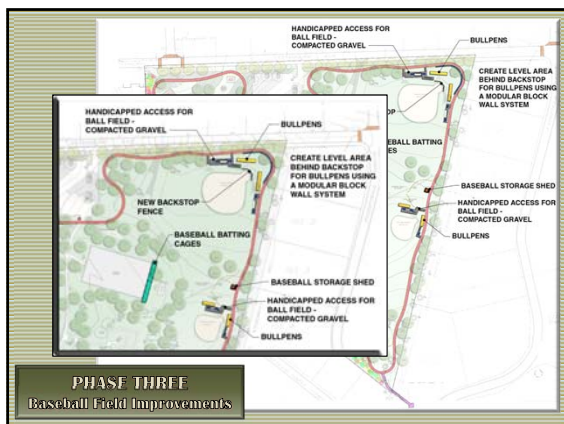
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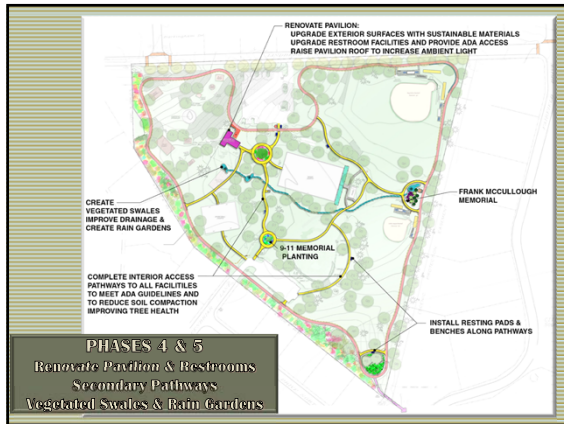
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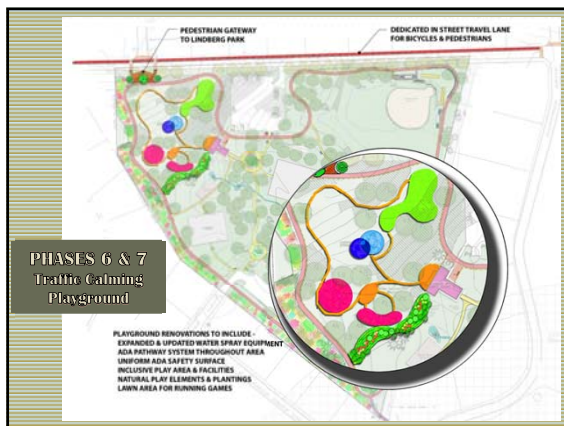
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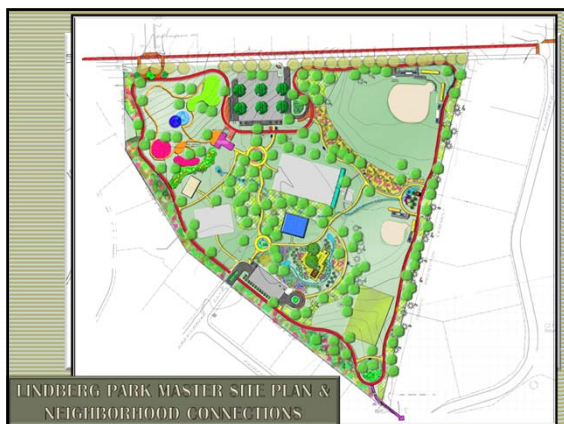
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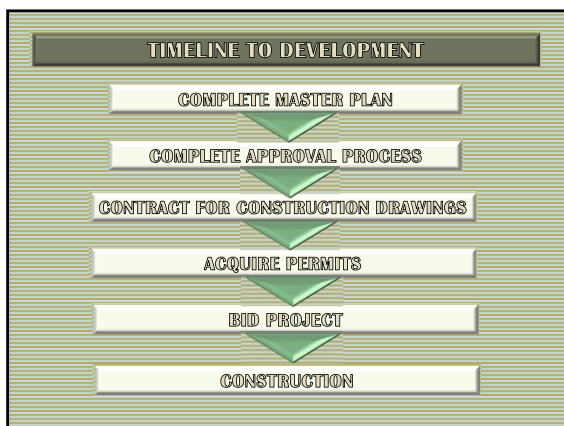
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PNDI



## 1. PROJECT INFORMATION

Project Name: **Lindberg Park Master Plan**

Date of review: **3/2/2011 8:55:26 AM**

Project Category: **Recreation,Other**

Project Area: **N/A**

County: **Lehigh** Township/Municipality: **Salisbury**

Quadrangle Name: **ALLENTOWN WEST** ~ ZIP Code: **18103**

Decimal Degrees: **40.572240 N, -75.511651 W**

Degrees Minutes Seconds: **40° 34' 20.1" N, -75° 30' 41.9" W**



## 2. SEARCH RESULTS

Agency	Results	Response
PA Game Commission	No Known Impact	No Further Review Required
PA Department of Conservation and Natural Resources	No Known Impact	No Further Review Required
PA Fish and Boat Commission	No Known Impact	No Further Review Required
U.S. Fish and Wildlife Service	No Known Impact	No Further Review Required

As summarized above, Pennsylvania Natural Diversity Inventory (PNDI) records indicate no known impacts to threatened and endangered species and/or special concern species and resources within the project area. Therefore, based on the information you provided, no further coordination is required with the jurisdictional agencies. This response does not reflect potential agency concerns regarding impacts to other ecological resources, such as wetlands.

Note that regardless of PNDI search results, projects requiring a Chapter 105 DEP individual permit or GP 5, 6, 7, 8, 9 or 11 in certain counties (Adams, Berks, Bucks, Carbon, Chester, Cumberland, Delaware, Lancaster, Lebanon, Lehigh, Monroe, Montgomery, Northampton, Schuylkill and York) must comply with the bog turtle habitat screening requirements of the PASPGP.

### 3. AGENCY COMMENTS

Regardless of whether a DEP permit is necessary for this proposed project, any potential impacts to threatened and endangered species and/or special concern species and resources must be resolved with the appropriate jurisdictional agency. In some cases, a permit or authorization from the jurisdictional agency may be needed if adverse impacts to these species and habitats cannot be avoided.

These agency determinations and responses are **valid for one year** (from the date of the review), and are based on the project information that was provided, including the exact project location; the project type, description, and features; and any responses to questions that were generated during this search. If any of the following change: 1) project location, 2) project size or configuration, 3) project type, or 4) responses to the questions that were asked during the online review, the results of this review are not valid, and the review must be searched again via the PNDI Environmental Review Tool and resubmitted to the jurisdictional agencies. The PNDI tool is a primary screening tool, and a desktop review may reveal more or fewer impacts than what is listed on this PNDI receipt. The jurisdictional agencies **strongly advise against** conducting surveys for the species listed on the receipt prior to consultation with the agencies.

#### PA Game Commission

**RESPONSE:** No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

#### PA Department of Conservation and Natural Resources

**RESPONSE:** No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

#### PA Fish and Boat Commission

**RESPONSE:** No Impact is anticipated to threatened and endangered species and/or special concern species and resources.

#### U.S. Fish and Wildlife Service

**RESPONSE:** No impacts to **federally** listed or proposed species are anticipated. Therefore, no further consultation/coordination under the Endangered Species Act (87 Stat. 884, as amended; 16 U.S.C. 1531 *et seq.*) is required. Because no take of federally listed species is anticipated, none is authorized. This response does not reflect potential Fish and Wildlife Service concerns under the Fish and Wildlife Coordination Act or other authorities.

### 4. DEP INFORMATION

The Pa Department of Environmental Protection (DEP) requires that a signed copy of this receipt, along with any required documentation from jurisdictional agencies concerning resolution of potential impacts, be submitted with applications for permits requiring PNDI review. For cases where a "Potential Impact" to threatened and endangered species has been identified before the application has been submitted to DEP, the application should not be submitted until the impact has been resolved. For cases where "Potential Impact" to special

concern species and resources has been identified before the application has been submitted, the application should be submitted to DEP along with the PNDI receipt, a completed PNDI form and a USGS 7.5 minute quadrangle map with the project boundaries delineated on the map. The PNDI Receipt should also be submitted to the appropriate agency according to directions on the PNDI Receipt. DEP and the jurisdictional agency will work together to resolve the potential impact(s). See the DEP PNDI policy at <http://www.naturalheritage.state.pa.us>.





## 5. ADDITIONAL INFORMATION

The PNDI environmental review website is a **preliminary** screening tool. There are often delays in updating species status classifications. Because the proposed status represents the best available information regarding the conservation status of the species, state jurisdictional agency staff give the proposed statuses at least the same consideration as the current legal status. If surveys or further information reveal that a threatened and endangered and/or special concern species and resources exist in your project area, contact the appropriate jurisdictional agency/agencies immediately to identify and resolve any impacts.

For a list of species known to occur in the county where your project is located, please see the species lists by county found on the PA Natural Heritage Program (PNHP) home page ([www.naturalheritage.state.pa.us](http://www.naturalheritage.state.pa.us)). Also note that the PNDI Environmental Review Tool only contains information about species occurrences that have actually been reported to the PNHP.

## 6. AGENCY CONTACT INFORMATION

### PA Department of Conservation and Natural Resources

Bureau of Forestry, Ecological Services Section  
400 Market Street, PO Box 8552, Harrisburg, PA.  
17105-8552  
Fax:(717) 772-0271

### U.S. Fish and Wildlife Service

Endangered Species Section  
315 South Allen Street, Suite 322, State College, PA.  
16801-4851  
NO Faxes Please.

### PA Fish and Boat Commission

Division of Environmental Services  
450 Robinson Lane, Bellefonte, PA. 16823-7437  
NO Faxes Please

### PA Game Commission

Bureau of Wildlife Habitat Management  
Division of Environmental Planning and Habitat Protection  
2001 Elmerton Avenue, Harrisburg, PA. 17110-9797  
Fax:(717) 787-6957

## 7. PROJECT CONTACT INFORMATION

Name: \_\_\_\_\_  
Company/Business Name: \_\_\_\_\_  
Address: \_\_\_\_\_  
City, State, Zip: \_\_\_\_\_  
Phone:(\_\_\_\_\_) \_\_\_\_\_ Fax:(\_\_\_\_\_) \_\_\_\_\_  
Email: \_\_\_\_\_

## 8. CERTIFICATION

I certify that ALL of the project information contained in this receipt (including project location, project size/configuration, project type, answers to questions) is true, accurate and complete. In addition, if the project type, location, size or configuration changes, or if the answers to any questions that were asked during this online review change, I agree to re-do the online environmental review.

\_\_\_\_\_  
applicant/project proponent signature

\_\_\_\_\_  
date

The background of the page is a detailed, multi-colored map of a coastal region. The map shows various landmasses, water bodies, and intricate patterns of lines and dots in shades of yellow, orange, red, and blue. A solid red horizontal bar is positioned at the top of the page, and another solid red horizontal bar is at the bottom. A dark blue horizontal bar is located directly beneath the title text.

# **FACILITY SURVEY RESULTS**

Lindberg Park Master Plan Original Facilities Survey Compared to Development Priorities

EXISTING FACILITIES						PRIORITY
	Remain	Renovate	relocate	remove	Priority	10/15/2012
Playground	I		II	I	1,1,1,2	#7
Pavilion/Restrooms	II		I		11,8,1,3	#4
Sand Volleyball	II			II	11,5,3,6	#11
Basketball					12,13	
Shuffleboard	I	II			5,4,6,7	
Handball Wall		I		III	6,4,8	#11
Tennis Courts					12,13	
Blind Garden	I			I	1,3,2	#10
Base Ball Fields			I		10,10,9,1,2,9	#3
Fencing				I	4,5,4	Update #2
Borders/Landscaping	I				2,3	Replace #12
Water Features		II			5,7	
PROPOSED FACILITIES						
	YES	NO				
ADA Perimeter Trail					1,11,1,1,1,1	#1
w. Fitness Stations	I	III				
Second Pavilion	I				10,12	
Kiosk		II			1,3,9	
Playground						
Merry Go Round		I			2,4,5,7	#7
Nature Play					6,6,5,9	#7
Inclusive Play		I				#7
Green Initiatives					4,11,10	
Water Harvesting		III				
Solar Lighting						#8 & #9
Solar Trash	II					#8 & #9
Propane Equip	III	III				
Edu Signs	II					#12
Storm Water BMPs					5,5,8	
Rain Gardens		II				#5
Pervious Surfaces	III	II				#8 & #9
Bio Swales		II				#5
Edu Signs	III					#5
Bball Storage Shed		III			12,2,3,8	#3
Fencing Replacement		I			4,3,3,2	#2
Vegetation					1,3,7	
Wildlife Habitats		II				#12
Shade Gardens		II				#12
Fragrance Gardens	III					
Wildflower Gardens		II				
Ornamentals		III				
Remove Some Trees	III					
Edibles	II					
Winter Activities		I			6,8,10	
MultiPurpose Field	III				9,7,11	#8 & #9
OTHER SUGGESTIONS						
Snack Shack	1					
Pickleball	1					#11
ADDITIONAL FACILITIES - Added After Initial Survey						
Bike Lane & Crosswalks						#6
Parking Lot Improvements to Include Green Principles						#8 & #9
ADA Paths to Facilities - Improve Pathway System						#5
Gravel Path to Connect Existing Easmenet to Little Lehigh Greenway						#1