



- *Employ Innovative Stormwater Management Techniques:* The Pennsylvania Department of Environmental Protection regulates the management of stormwater volumes and water quality. These regulations require land development to limit post construction increases in stormwater runoff to pre-development rates, to implement best management practices to temporarily control erosion and sedimentation, and protect water quality during construction, and to permanently control and protect water quality during the life of the constructed project. It is recommended the Borough implement innovative stormwater management techniques and best management practices to handle stormwater in an environmental friendly manner.

In addition to these elements, steering committee discussion focused on two areas of the park, the Carol Drive area, and the Scout house. The future use of those areas were debated. The consensus of the project's Steering Committee recommends the Carol Drive area be retained as open space and park land, and the Scout house remain in its current location within the park.

IMPLEMENTATION

It is recommended that the proposed improvements to the park be implemented in a series of logical construction phases, as the Borough has the ability to secure funding. It is anticipated that the improvements recommended in the master plan will be implemented over a 10 to 15 year period.

The recommended phases include:

- Phase I includes removing the existing play equipment and constructing a new playground.
- Phase II includes the improvements associated with the South New Castle Road Entrance.
- Phase III I includes improvements related to the Swimming Pool Area of the park, including re-construction of the bathhouse.
- Phase IV includes are related to the Enclosed Shelter Area of the park.
- Phase V includes the McClure Run Streamside and Trail Improvements.
- Phase VI includes improvements to the Beechwood Road Hillside Area.
- Phase VII includes the Carol Drive Improvements.

To learn how you can help achieve this vision contact:

Sharonn Edmiston, Secretary
New Wilmington Borough
134 High Street
New Wilmington, PA 16142
724-946-8167
sharonn@zoominternet.net

NEW WILMINGTON BOROUGH COMMUNITY PARK MASTER SITE PLAN



The master plan for New Wilmington Borough Community Park is the result of analysis of the existing park, active public participation, and in-depth discussion regarding the needs of New Wilmington Borough residents. The master plan provides a foundation to guide the decision-making process for the rehabilitation of the park. With this master plan New Wilmington Borough is able to respond in an orderly and financially fiscally responsible manner to requests from various organizations and individuals regarding recreation facilities within the park. Good planning reduces future conflicts, liability, and can reduce maintenance and operation costs. Furthermore, this master plan can be used to apply for funding for future improvements in the park.

PREPARED BY:
PASHEK ASSOCIATES, LTD.

MARCH 31, 2009

This project was funded in part by a grant from the Community Conservation Partnership Program, Keystone Recreation, Park, and Conservation Fund under the administration of the Pennsylvania Department of Conservation and Natural Resources, Bureau of Recreation and Conservation.





Overall Park Improvements

There are several recommendations related to the proposed park improvements that are over arching, meaning, they are not related to one specific activity of facility, but should be employed throughout the process of making improvements to the park. These include:

- **Install Consistent Light Fixtures:** It is recommended the existing mixed-matched lighting fixtures be removed and new pedestrian scaled LED light posts and fixtures be installed along the main path that connects South Market Street to South New Castle Street.
- **Plan for Potential Trail Connections:** The proposed Neshannock Rail-Trail follows an abandoned railroad alignment from New Castle to Volant, with a spur connection to New Wilmington. Once ownership issues are resolved Lawrence County will begin developing the trail in phases, beginning at the southern end of the corridor, in the City of New Castle. Since the proposed trail comes within close proximity to the Community Park, it is recommended the Borough plan for future trail connections to the Park.
- **Minimize Impervious Surface Area:** It is recommended that impervious surface area be kept to a minimum throughout the remainder of the park to reduce stormwater runoff and initial costs. Parking areas should not be paved with asphalt unless absolutely necessary. Aggregate paving or porous pavers, if constructed correctly, allows some of the stormwater to infiltrate into the soils below, and therefore reduces the volume of stormwater that needs to be managed.

Accessible parking spaces, although typically asphalt, can be provided within aggregate lots by compacting aggregate fines into the pavement cross-section in the accessible parking spaces and by providing clear signage denoting the accessible spaces.

- **Use Porous Asphalt Paving:** Where asphalt must be used, consideration should be given to porous asphalt paving. This paving material performs like standard asphalt yet allows water to percolate into the ground. Porous asphalt is an effective paving material for areas that receive light vehicular traffic. Access isles, service drives, and other areas receiving heavy traffic are not suited for porous asphalt. In these instances traditional bituminous paving is used and the parking areas beyond these areas are paved with the porous material.

GOALS FOR THE PARK

Early on in the planning process, a list of goals was developed from the Study Committee. This list was updated throughout the process and used to guide the development of the Master Plan. The goals include:

- The Park should be multi-generational. It should have activities for all ages.
- The Park should be accessible to all.
- The Park should have good pedestrian connectivity both within the Park and to surrounding land uses.

- The Park should be more environmentally sustainable.
- The Park should have both active and passive play areas.
- The park improvements should meet the needs of New Wilmington Borough residents.
- The Park should have a common aesthetic, Craftsman Style, which is consistent through the buildings, shelters, signs, light fixtures, and other park features.
- Park improvements should focus on quality. High quality improvements will be more durable, easier to maintain, and more aesthetically pleasing.