

Chapter 11 Action Plan

INTRODUCTION

Overview

The Action Plan lists the implementation strategies contained in each of the previous chapters of this plan. It is designed as a quick reference for the Township to facilitate implementation and monitor progress. It is vital that the Township reach out to its citizens, stakeholders, Dauphin County, and state and federal agencies to obtain support and assistance in implementing the Comprehensive Plan. Forming partnerships with such groups will expand the Township's resources and aid in accomplishing its goals.

Implementation consists of amendments to Township Zoning Ordinance and Subdivision and Land Development Ordinance, formation of a Township open space committee to spearhead conservation efforts, and partnerships with various county and state agencies and private groups such as land trusts.

Natural Resource Protection Plan

Steep Slopes

Remove slope provisions from the SALDO and Amend the Zoning Ordinance to:

- Provide a definition of both Steep Slope (15-25%) and Very Steep Slope areas (25% and greater).

- Provide an explanation of how steep slope and very steep slope areas are to be delineated.
- Limit earth disturbance on steep slopes and very steep slopes
- Limit the permitted uses on very steep slopes.
- Encourage the planting of trees on steep and very steep slopes as a way to protect them from erosion.
- Exclude 100% of the area in very steep slopes and 50% of the area in steep slopes from the lot area determination (amend the Lot Area definition).
- Establish design and performance criteria for buildings or structures on steep slopes.
- Include steep and very steep slopes in designated conservation and open space areas.

Geology and Groundwater

- Protect the northern mountainous region of the township as an important source of surface water, groundwater recharge, and groundwater supply.
- Amend ordinances to provide subdivision and land development standards related to wastewater disposal systems and wells in order to protect groundwater quality and quantity.
- Work with the PA DCNR to devise a strategy to ensure the protection of Devil's Race Course.
- Identify other unique geological features in the Township.
- Protect unique geological features through inclusion in conservation easement and open space areas and by prohibiting their disturbance.
- Work with landowners, land trusts and conservation organizations to preserve areas with unique geological features.

Soils

Amend the Zoning Ordinance to:

- Strictly limit soil removal, especially on steep and very steep slopes.

- Prohibit building and earth disturbance on hydric and seasonal high water table soils.
- Exclude 100% of hydric and 50% of seasonal high water table soils from lot area determination (amend the Lot Area definition).
- Include hydric soils, seasonal high water table soils and prime farmland soils in designated conservation and open space areas.

Forests and Vegetation

- Protect dense and mature forested areas especially on steep and very steep slopes, along stream corridors, and in headwater (first order) drainage areas by limiting disturbance of these areas.
- Promote the establishment of large contiguous areas of permanently protected forests including areas containing natural and scenic resources through conservation and open space planning.
- Amend the SALDO to strengthen limits on clearing of woodlands, to strengthen tree protection and replacement standards, and to require the use of native species and prohibit the use of invasive plants.
- Include woodlands and vegetation in designated conservation and open space areas.
- Work with private landowners, land trusts, conservation organizations, and the U.S. Military (Fort Indiantown Gap Military Reservation) to preserve areas with significant forest and vegetative cover.

Wetlands

- Move the wetland provisions from the SALDO to the Zoning Ordinance.
- Increase the wetland buffer to the extent of adjoining hydric soils or to a specified minimum distance.
- Strengthen wetland provisions to prohibit disturbance of wetlands and wetland buffer areas.
- Exclude 100% of wetlands and wetland buffers from lot area determination.

- Create a GIS map inventory of wetlands (beyond the National Wetlands Inventory) with data taken from subdivision plan submissions.

Floodplains

- Continue to prohibit new construction in the 100-year floodplain
- Continue to require that floodplain disturbance associated with any land use is minimized.
- Continue to require that improvements to existing buildings and structures will not increase the 100-year flood elevation and require flood proofing of permitted improvements.
- Permit installation of utilities and public infrastructure (i.e roads, stormwater management facilities) only if no feasible alternative location exists and only if Best Management Practices are employed to achieve minimal floodplain disturbance.
- Prohibit impervious cover (i.e. paved areas and surfaces that do not allow for infiltration of water) within the 100-year floodplain.
- Exclude 100% of the 100-year floodplain area from lot area determination (amend the Lot Area definition).
- Review the floodplain regulations for consistency with the most recent FEMA standards and update if necessary. Strengthen the floodplain ordinance to prohibit the use of impervious surfaces.

Watersheds & Streams

- Amend the Zoning Ordinance to strengthen the protection standards for riparian buffers to increase the sizes of the buffer zones and set limits of disturbance.
- Encourage farmers to use streamside fencing to keep livestock out of streams.
- Amend the Zoning Ordinance to exclude 50% of riparian buffers from lot area determination (amend the Lot Area definition).
- Limit the extent of impervious cover and promote the use of pervious materials throughout the Township.

- Review the Township's Stormwater Management Ordinance once the DCCD's ordinance is approved and consider whether amendments are needed.
- Integrate utilities and development planning such that development is directed to areas that have existing sewer and water infrastructure, or are programmed to have such infrastructure.
- Regularly monitor aquifers to determine water quality and availability of potable water.
- Protect headwater areas by limiting development of these areas and including them in designated conservation and open space areas.

Wildlife Habitat

- Protect critical habitat areas through protection of topography and geology, soils, forest and vegetative cover, wetlands, floodplains, watersheds and streams.
- Protect as open space those properties that contain sites identified in the Dauphin County Natural Areas Inventory.
- Establish a networked system of large contiguous areas of open space.
- Establish a network of riparian corridors and greenways for wildlife movement.
- Partner with the PA Audubon Society, Manada Conservancy, and other conservation organizations to protect the Kittatinny Corridor.

Additional Measures

- Appoint an Open Space Committee to work with conservation organizations and land trusts, and state and county representatives to inform citizens about natural resource protection and land preservation.
- Consider the use of the Act 153 (the Open Space Lands Act) and other legislation that enables the protection of natural resources.
- Consider the use of funding options, such as an Earned Income Tax, for the protection of open space and natural resources.

- Partner with neighboring municipalities, Dauphin County, the Tri-County Regional Planning Commission, PA DCNR, PA Game Commission, Manada Conservancy, and other local and regional land trusts and conservation organizations for the protection of natural resources.
- Partner with Dauphin County for the protection of the Swatara Greenway Corridor, and other waterway corridors identified in the Dauphin County Greenways Plan.

Historic Resource Protection Plan

National Register Resources

- Identify and document historic resources in the Township that meet the National Register Criteria for Evaluation and apply for National Register designation for these resources.
- Create and continuously update an official list and map of historic resources to which Zoning Ordinance provisions will apply
- Conduct public education through the Township newsletter, website, local news media, and other sources to inform residents of existing National Register Listed resources in the Township, of efforts to list more resources, and of what listing on the National Register means and the benefits it carries.
- Amend the zoning ordinance to include a historic resource protection overlay district that would classify National Register Listed resources as Class 1 resources and strictly regulate impacts on them while providing flexibility for adaptive reuse. The ordinance should also require a historic resource impact study for any development within a specified distance (e.g. 300 feet) of a Class 1 historic resource.
- Incorporate historic resources protection with open space, and recreation planning by including historic resources in open space areas and as recreational destinations.
- Seek technical and financial assistance from historic preservation organizations such as the PHMC.
- Investigate ways to provide owners of historic buildings with informational resources pertaining the rehabilitation and update of their historic buildings.

National Register Eligible

- Identify and document historic resources in the Township that meet the National Register Criteria for Evaluation and apply for National Register designation for these resources.

- Create and continuously update an official list and map of historic resources to which Zoning Ordinance provisions will apply
- Conduct public education through the Township newsletter, website, local news media, and other sources to inform residents of National Register Eligible resources in the Township, of efforts to list more resources, and of the importance of a Determination of Eligibility for the National Register.
- Amend the zoning ordinance to include a historic resource protection overlay district that would classify resources that have received a Determination of Eligibility for the National Register as Class 1 resources and strictly regulate impacts on them while providing flexibility for adaptive reuse. The ordinance should also require a historic resource impact study for any development within a specified distance (e.g. 300 feet) of a Class 1 historic resource.
- Incorporate historic resources protection with open space and recreation planning by including historic resources in open space areas and as recreational destinations.
- Establish partnerships with historic preservation organizations.
- Investigate ways to provide owners of historic buildings with informational resources pertaining the rehabilitation and update of their historic buildings.

Historic Districts

- Identify and document historic resources in Grantville and Shellsville that meet the National Register Criteria for Evaluation and consider applying for designation as a National Register Listed Historic District and/or PHMC certification as an Act 167 Local Historic District.
- Create and continuously update an official list and map of the township's historic districts and their contributing historic resources to which Zoning Ordinance provisions will apply
- Conduct public education through the Township newsletter, website, local news media, and other sources to inform residents of the significance of Grantville and Shellville and what PHMC certification and listing on the National Register means and the benefits they carry.
- Incorporate historic districts with open space and recreation planning by including them as recreational destinations.

- Establish partnerships with historic preservation organizations.

Locally Significant Historic Resources

- Identify and document historic resources in the Township that meet the criteria established by the East Hanover Township Historical Society.
- Create and continuously update an official list and map of historic resources to which Zoning Ordinance provisions will apply.
- Conduct public education through the Township newsletter, website, local news media, and other sources to inform residents of Locally Significant Historic Resources in the Township and efforts to identify more resources, and of the importance of identifying Locally Significant Historic Resources.
- Amend the zoning ordinance to include a historic resource protection overlay district that would classify Locally Significant Historic Resources as Class 2 resources and strictly regulate impacts on them while providing flexibility for adaptive reuse. The ordinance should also require a historic resource impact study for any development within a specified distance (e.g. 300 feet) of a Class 2 historic resource.
- Incorporate historic resources protection with open space, and recreation planning by including historic resources in open space areas and as recreational destinations.
- Establish partnerships with historic preservation organizations.
- Investigate ways to provide owners of historic buildings with informational resources pertaining the rehabilitation and update of their historic buildings.

Archaeological Resources

- Work with the PHMC to identify and document archaeological resources in the Township.
- Amend the zoning ordinance to include a historic resource protection overlay district that would include protection of identified archaeological resources. The ordinance should also require a historic resource impact study for any development within a specified distance (e.g. 300 feet) of an archaeological resource.

Transportation Plan**Functional Classifications**

- Update the functional classifications of roads using Penn DOT's urban/rural scheme as a guide and amend the SALDO to reflect the updated classifications.
- Amend the Zoning Ordinance to remove the list of functional classifications of roads and instead insert a reference to the functional classifications contained in the SALDO.

Rural Roads

- Establish ordinance provisions to regulate uses, setbacks, and signs, and billboards along rural roads.
- Establish landscaping requirements for land uses that front on a rural road.

Scenic Roads

- Establish ordinance provisions to regulate uses, setbacks, and signs, and billboards along identified scenic roads.
- Establish landscaping requirements for land uses that front on a scenic road.
- Require a viewshed analysis for new development and prohibit/minimize obstruction of views from scenic roads.
- Apply for Pennsylvania Byways designation for the Township's identified scenic roads.

Township Bridge Projects

- Lobby HATS to have needed bridge improvements placed on its Transportation Improvements Program.
- Lobby Penn DOT to have needed bridge improvements placed on its Twelve Year Program.
- Continue to seek funding for needed bridge projects.

Alternative Modes of Transportation

- Continue to participate in efforts by HATS and public transportation providers to expand service into appropriate areas of East Hanover Township.

- Meet with hotel operators and other appropriate parties to establish an arrangement for the sharing of, or dedication of space for a new carpool parking lot. Enlist the support of HATS in this effort.

HATS Transportation Improvement Program

- Continue work to complete bridge improvements listed on the TIP.
- Continue communications with HATS and Penn DOT to ensure that needed bridge and road improvements get placed on their TIP and Twelve Year Programs.

Township-Identified Transportation Issues

- Seek funding from sources identified in the PA 39/743 Study in order to accomplish the recommended road improvements.
- Lobby HATS to place eligible township projects on its Transportation Improvements Program.
- Lobby Penn DOT to place eligible township projects on its Twelve Year Program.
- Establish design guidelines for non-residential uses to require rear access lanes, side and rear parking, and minimal setbacks from the street line.
- Consider an Official Map to identify and obtain rights-of-way for access lanes along US 22.
- Continue discussions with representatives with CAT and Penn National Gaming to procure CAT Service to the casino.
- Place proposed location of a park and ride lot on an Official Map.
- The Township should discuss with Penn DOT and the FHWA any additional measures that can be taken to improve the existing rest stop to provide electrical, heating, air conditioning, and other needed services.
- Amend SALDO to require a Traffic Impact Study for large developments.

- Coordinate development density and type with transportation infrastructure.
- Amend SALDO to remove construction of cul-de-sac streets as an option or to require an access easement at the end of cul-de-sacs.
- Adopt an Official Map to identify access drives at the end of existing cul-de-sacs where a through street connection can be formed.

Future Land Use Plan**Conservation/Open Space Area**

- Review the uses provided for in the Conservation zoning district and remove any that are inconsistent with the Township's goals for this area (some uses might have to be accommodated in other zoning districts).
- Amend the TDR Sending Area provision of the Zoning Ordinance to decrease the number of acres per TDR in the Conservation Zone.
- Amend the Cluster Development provisions of the Zoning Ordinance.
- Amend the Lot Area definition of the Zoning Ordinance to exclude areas in steep slopes, wetlands, floodplains, riparian buffers, acreage in conservation or agricultural easement, utility easements, and rights-of way.
- Amend the Subdivision and Land Development Ordinance to establish standards to evaluate potential impacts from development on groundwater quality and quantity.
- Conduct public outreach, perhaps through a township open space committee, to encourage landowners to preserve their properties through voluntary sale and donation of conservation easements, enrollment in Clean and Green, or the use of TDR.
- Work with Dauphin County, land trusts, and conservation organizations to promote preservation efforts in East Hanover Township.
- Work with Fort Indiantown Gap Military Reservation to encourage protection of their land in perpetuity.

Agriculture and Low Density Residential Area

- Encourage landowner enrollment in Pennsylvania's Clean and Green Program by notifying eligible landowners and providing assistance as necessary.
- Encourage all owners of farmland to place their land in an Agricultural Security Area by conducting a public outreach and awareness program.
- Encourage the sale and donation of conservation easements by identifying interested landowners and working with the Dauphin County Agricultural Preserve Board and land trusts to coordinate the donation/purchase of such easements.
- Work with farmers, the Dauphin County Agricultural Preserve Board and others to create a local market for farm produce and to connect local farmers to markets in the region.
- Amend the RA provisions of the Zoning Ordinance to discourage conventional residential development and encourage Conservation Subdivision Design with a 50% open space set aside requirement
- Amend the SALDO to include Conservation Subdivision Design site design provisions.
- Amend the current TDR provisions to designate the RA district a TDR Sending Area and adjust the TDR acreage equivalency to offer greater incentive to landowners.
- Amend the Subdivision and Land Development Ordinance to establish standards to evaluate potential impacts from development on groundwater quality and quantity.

Medium Density Residential Area

- Amend the RMD provisions of the Zoning Ordinance to reduce the conventional lot development (base zoning) density as a mechanism to promote Conservation Subdivision Design and TDR.
- Amend the RMD provisions of the Zoning Ordinance to provide for Conservation Subdivision Design at a greater density than the conventional lot development (base zoning) density.
- Amend the RMD provisions of the Zoning Ordinance to provide a density bonus only through the purchase of TDR

up to a maximum of number dwelling units per acre, subject to Conservation Subdivision Design and design guidelines (i.e. all development undertaken through purchase of TDR shall be required to adhere to Conservation Subdivision Design provisions and include design guidelines such as those currently specified in the Village Overlay Zone).

- Repeal the Village Overlay Zone (but incorporate its standards into the Mixed Use area).
- Repeal the Cluster Development Provisions of the Zoning Ordinance and replace with Conservation Subdivision Design provisions.
- Amend the SALDO to include Conservation Subdivision Design site design provisions.
- Amend the Subdivision and Land Development Ordinance to establish standards to evaluate potential impacts from development on groundwater quality and quantity.

Village Area

- Amend the Village residential zoning district provisions to encourage adaptive reuse of historic buildings and to include design standards that are consistent with the existing villages of Grantville and Shellsville.
- Provide educational information on maintenance and reuse of historic buildings, perhaps through the Township newsletter and website.
- Amend the Subdivision and Land Development Ordinance to establish standards to evaluate potential impacts from development on groundwater quality and quantity.

Mixed Use Area

- Amend the Zoning Map to reflect the boundaries of the Mixed Use area as delineated on Future Land Use map.
- Amend the Zoning Ordinance to include a Mixed Use zoning district that contains appropriate uses and design standards.
- Amend the TDR provisions of the Zoning Ordinance to include the Mixed Use area as a Receiving Area with an appropriate density bonus for residential and non-residential development.

- Amend the Subdivision and Land Development Ordinance to establish standards to evaluate potential impacts from development on groundwater quality and quantity.

Mobile Home Park Area

- Continue to enforce the Mobile Home Park provisions of the Zoning Ordinance.
- Amend the Mobile Home Park Ordinance to require recreational amenities and open space within such developments.
- Amend the Subdivision and Land Development Ordinance to establish standards to evaluate potential impacts from development on groundwater quality and quantity.

Small-Scale Commercial Area

- Amend the Highway Commercial provisions of Zoning Ordinance to limit the size of uses.
- Review the uses provided for in the Highway Commercial zoning district and eliminate any that are not considered small scale.
- Amend the Zoning Ordinance to require appropriate setbacks and landscaped screening between incompatible uses such as adjoining residential properties.
- Amend the Zoning Ordinance to include design standards pertaining to landscaping treatments (along road frontages and in parking areas); parking area layout and design; and signage.
- Amend the Highway Commercial provisions of the Zoning Ordinance to decrease the base permitted lot coverage in order to provide incentive for the purchase of TDRs.
- Periodically re-assess the TDR Receiving Area lot coverage equivalency (4,000 sq.ft.) to ensure that it is appropriate in the prevailing market.
- Amend the Subdivision and Land Development Ordinance to establish standards to evaluate potential impacts from development on groundwater quality and quantity.

Large-Scale Commercial Area

- Amend the Zoning Map to reflect boundaries of the Large Scale Commercial area as delineated on the Future Land Use map.
- Amend the Interchange Commercial zoning district provisions of the Zoning Ordinance to specify the size of uses permitted.
- Review the uses provided for in the Interchange Commercial zoning district and amend if necessary.
- Amend the Zoning Ordinance to require appropriate setbacks and landscaped screening between incompatible uses such as adjoining residential properties.
- Amend the Zoning Ordinance to include design standards pertaining to landscaping treatments (along road frontages and in parking areas); parking area layout and design; and signage.
- Amend the Interchange Commercial zoning district provisions of the Zoning Ordinance to decrease the base permitted lot coverage in order to provide incentive for the purchase of TDRs
- Periodically re-assess the TDR receiving Area lot coverage equivalency (4,000 ft.²) to ensure that it is appropriate in the prevailing market.
- Amend the Subdivision and Land Development Ordinance to establish standards to evaluate potential impacts from development on groundwater quality and quantity.

Commercial Recreation Area

- Review the uses and design standards provided for in the Commercial Recreation zoning district to evaluate their compatibility with the Township's goals.
- Amend the Zoning Ordinance to require appropriate setbacks and landscaped screening between incompatible uses such as adjoining residential properties.
- Amend the Zoning Ordinance to include design standards pertaining to landscaping treatments (along road frontages and in parking areas); parking area layout and design; and signage.
- Amend the Zoning Ordinance to decrease the base permitted lot coverage in order to provide incentive for the purchase of TDRs.

- Periodically re-assess the TDR Receiving Area lot coverage equivalency (4,000 ft.²) to ensure that it is appropriate in the prevailing market.
- Amend the Subdivision and Land Development Ordinance to establish standards to evaluate potential impacts from development on groundwater quality and quantity.

Commercial/Office Park Area

- Amend the Zoning Map to reflect boundaries delineated on Future Land Use map.
- Amend the Zoning Ordinance to include a new zoning district with appropriate base zoning lot coverage provisions (to provide an incentive for the use of TDR) and design standards pertaining to parking, signage, landscaping and screening, commercial, and recreation areas.
- Amend the TDR provisions Zoning Ordinance to add this district as a Receiving Area with appropriate lot coverage incentive.
- Periodically re-assess the TDR Receiving Area lot coverage equivalency to ensure that it is appropriate in the prevailing market.
- Amend the Subdivision and Land Development Ordinance to establish standards to evaluate potential impacts from development on groundwater quality and quantity.

Industrial Area

- Amend the Zoning Ordinance to require appropriate setbacks and landscaped screening between incompatible uses such as adjoining residential properties.
- Amend the Zoning Ordinance to include design standards pertaining to landscaping treatments (along road frontages and in parking areas); parking area layout and design; and signage.
- Amend the Industrial zoning district provisions of the Zoning Ordinance to decrease the base permitted lot coverage in order to provide incentive for the purchase of TDRs.
- Periodically re-assess the TDR Receiving Area lot coverage equivalency (4,000 ft.²) to ensure that is appropriate in the prevailing market.

- Amend the Subdivision and Land Development Ordinance to establish standards to evaluate potential impacts from development on groundwater quality and quantity.

Park and Recreation Area

- Prepare an updated Open Space and Recreation Plan.
- Communicate with owners of potential park properties to inform them of the Township's interests.
- Work with DCNR and other funding and technical assistance sources to obtain assistance in acquiring and developing park land.

Housing Plan

- Housing unit densities should be suited to the Township's growth management goals and should consider the feasibility of wastewater treatment and water supply, and impacts on natural resources.
- Provide information and assistance in connecting property owners with housing assistance programs.
- Identify historic homes and apply for National Register designation.
- Provide information to owners and prospective buyers of historic homes regarding assistance programs and incentives for rehabilitation of historic homes (National trust for Historic Preservation, HUD, USDA Rural Housing Program).
- Provide for a variety of housing types, including single-family attached and multi-family dwellings, in order to accommodate individuals and families of various income levels.
- Provide for age-restricted housing in proximity to services to accommodate seniors.
- Promote mixed-use development that would accommodate various dwelling types in proximity to commercial and civic services.
- Promote mixed-use development that would accommodate various dwelling types in proximity to commercial and civic services.
- Provide for a variety of housing types, including single-family attached and multi-family dwellings, in order to accommodate individuals and families of various income levels.

- Provide for age-restricted housing in proximity to services to accommodate seniors.
- Investigate ways to bring relief to cost burdened households (owner and renters).
- Investigate the need for rehabilitation of substandard housing.

**Community
Facilities and
Utilities Plan****Municipal Services**

- Continue to provide existing levels of municipal services and adjust services as warranted by future growth, changing needs and changing technological improvements.

Emergency Services

- Continue to support the Township's emergency service providers.
- Maintain SALDO requirements for appropriate design in new developments to ease emergency response vehicles access to properties.

Library / Schools

- Continue to support the Dauphin County Library System.
- Continue to support the Lower Dauphin School District.
- Partner with the School District to share resources in the Township, such as play fields.

Solid Waste Disposal

- Continue to provide curbside trash and recycling services.
- Include paper, glass, and all plastics (#1-7) in the recycling service.

Water Supply

- Complete the Township's analysis of potable water resources and promote measures of protection of well water.
- Use an Official Map to locate potential municipal large draw well areas and areas identified for wellhead protection.
- Complete and adopt the Wellhead Protection Plan if a potential Township water source is identified.

- Coordinate future Zoning and SALDO regulations with ongoing potable water research and recommendations from the Aquifer Study.
- Review and modify existing ordinances such as the Mobile Home Park Ordinance of 2003 to ensure effectiveness in protecting potable water resources.
- Maintain the correlation between higher intensity land development and presence of infrastructure by encouraging development in areas with existing infrastructure.
- Discourage high-density development in areas further from infrastructure and having natural restrictions. This may be done through the requirement of developer contribution for extension of sewers to less developed areas
- Continue to investigate options presented in the Potable Water Study including discussions and planning with outside water utilities in neighboring municipalities.

Wastewater Management

- Adopt, and actively engage the alternatives and implementation schedule of the Township's Act 537 Sewage Facilities Plan.
- Establish a Sewer Authority and Capital Reserve Plan to finance the Act 537 Plan's Selected Technical Alternatives.
- Review the Township's on-lot sewage management ordinance for effectiveness and continue regular monitoring of on-lot septic systems.
- Maintain requirements for on-lot sewage system replacement areas in the event of primary system failure.
- Complete the Englewood and Partridge Hills Sewer Project.
- Maintain the correlation between higher intensity land development and presence of infrastructure by encouraging development in areas with existing infrastructure.
- Discourage high-density development in areas further from infrastructure and having natural restrictions. This may be done through the requirement of developer contributions for extension of sewers to less developed areas.

Energy

- Amend the SALDO to require placement of electrical lines underground in new developments for safety and aesthetic value.
- Act to provide the general public information on the use and development of alternative energy sources.

Park & Recreation Plan

Township Recreation Plan of 2003

- Review and update the 2003 Recreation Plan for consistency with new NRPA guidelines, the 2010 Census and new development patterns.
- Review and Update The Park and Recreation Plan and SALDO for consistency.
- Reevaluate sufficiency of neighborhood parks and plan based on any future modifications to the Park and Recreation Plan.

Existing Parks and Open Space

- Make all feasible efforts to protect the Township's Mountain and Valley areas.
- Support the preservation of Open Space in order to maintain the rural character of the Township and provide for passive recreational pursuits
- Recognize State Game Lands 211 as conservation land use in order to maintain protection of this land in the case of closure or sale of the property.
- Communicate to the Pennsylvania Game Commission the Township's interest in preserving the State Game Land property and the trails that traverse it.
- Recognize Fort Indiantown Gap as conservation land use in order to maintain protection of this land in the case of closure or sale of the property.
- Communicate to Fort Indiantown Gap the Township's interest in preserving this land and the trails that traverse it.

- Work with Dauphin County and neighboring municipalities to provide trail and greenway connections between park and recreation areas.
- Increase non-vehicular connections to the Township Park through trails and greenways.
- Create agreements with athletic organizations and other park users for maintenance of the play fields and other facilities.
- Regularly monitor use of the Township Park and the condition of park facilities and upgrade as necessary.
- Promote the construction of the planned baseball fields in the Township Park in future budget and capital improvement discussions.
- Examine the need and feasibility of creating a township or neighborhood Park in the vicinity of the Englewood development off of PA 743.
- Consider use of an Official Map to identify potential parklands.
- Partner with the school district on the sharing of recreational resources and the sharing of maintenance of recreational facilities.
- Examine the feasibility of purchasing or acquiring through donation, the VFW's open space area and facilities.
- Partner with Manada Conservancy and other land trusts and conservancies to assist landowners with the sale and donation of conservation easements including public access to land and/or trails.
- Support the continuation of privately owned recreational facilities in the Township.
- Should the Tall Cedars site cease to operate, consider the need and feasibility of this site as a Township park that could connect to a greenway along Manada Creek.

Private Open Space

- Pursue improvements to existing parks and creation of new neighborhood parks to meet the recreational and social needs of increasing neighborhood populations.

- Review, update, and enforce SALDO regulations requiring developers to provide for recreation within the development, or to pay a fee in lieu of recreation facilities to help fund active and passive recreational needs in the Township.
- Review and amend, if necessary, the provisions of the Zoning Ordinance to provide additional incentive for the use of Cluster Development and require an appropriate amount of open space within such developments.
- Amend the TDR provisions of the Zoning Ordinance to provide an incentive for Sending Area landowners to sell development rights.
- Form a Township open space, trails and greenways committee to conduct education and outreach to encourage landowners to conserve land through conservation easements, TDR, and other available means.

Trails

- In accordance with Pennsylvania Act 24, amend the Zoning Ordinance to include provisions to protect the Appalachian National Scenic Trail.
- Conduct a preliminary study of the trail footpath and its viewshed to determine the geographic extent of the protection measures.
- Create a Township open space, trails, and greenways committee to spearhead efforts to communicate with the Appalachian Trail Conservancy (ATC) and PA Game Commission, to contribute to trail protection efforts, and to monitor Act 24 developments, and to encourage support for the ATC.
- Consider use of an Official Map or the Open Space Lands Act to acquire easements along the Appalachian Trail corridor.
- Create a Township open space, trails, and greenways committee to organize efforts to raise awareness of the Horse-Shoe Trail, to foster appreciation for the Trail by sponsoring hikes, to encourage support for the Horse-Shoe Trail Conservancy, and to communicate with the Horse-Shoe Trail Conservancy and landowners along the Trail in an effort to obtain off-road trail easements or agreements to allow access to the Trail on their properties.

- Work with South Hanover Township, Derry Township, and the Horse-Shoe Trail Club to develop permanent off road easements for the trail between Hershey and Manada Gap.
- Require new subdivisions and land developments along the Horse-Shoe trail to provide for an off-road trail easement with permission for public access. In the case of Cluster Developments, the Trail easement can be located in the development's designated open space area.
- If the Trail is routed onto private lands, prepare a trail ordinance to establish rules for conduct on trail within the Township.
- Consider use of an Official Map or the Open Space Lands Act to acquire easements along off-road portions of the Horse-Shoe Trail.
- Create a Township open space, trails, and greenways committee to organize efforts to raise awareness of the Stony Valley Railroad Grade in East Hanover Township, to foster appreciation for the Trail by sponsoring hikes, and to encourage support for the Rail-Trail Conservancy.
- Create a Township open space, trails, and greenways committee to organize efforts to raise awareness of the Swatara Water Trail, to foster appreciation for the Trail by sponsoring paddling trips, and to encourage support for the Swatara Watershed Association.
- Establish and preserve a greenway along the Swatara Creek through creation and preservation of a riparian buffer and by partnering with land trusts, conservancies and landowners for placement of conservation easements on properties along the Creek.
- Create a Township open space, trails, and greenways committee to identify opportunities for new trails and trail connections and to evaluate their feasibility.
- Ensure that trails and trail access are provided in future subdivision and land development plans. Trails can be located in the designated open space area within conservation subdivision designed developments.
- Expand the trail system in order to connect existing neighborhoods to other trails, parks, and points of interest in the Township and the region.

- Examine the feasibility of improving access in the Township to the Horse-Shoe Trail, Appalachian Trail, and Stony Valley Railroad Grade.
- Establish greenways along streams that would accommodate trails and trail connections. Utilize existing riparian buffers in order to form the greenways.
- Utilize locally and historically significant sites as destinations along the trail system. Route trails in a manner that promotes the preservation of these sites as trail destinations.
- Establish a system of bikeways on the Township's least congested roads. Work with Penn DOT to include bikeways in transportation improvement plans.
- Consider adoption of an Official Map to or use of the Open Space Lands Act to acquire trail easements where appropriate and feasible.

Greenways

- In reference to providing for greenways along watercourses, the East Hanover Township Zoning Ordinance of 2003 has identified three riparian buffer zones to provide protection to lands adjacent to perennial streams, including Manada Creek, Stony Creek, and Bow Creek. The buffers also incorporate 100-year floodplains, wetlands, and slopes greater than 25 percent. The intent of the buffer zones is to protect water quality, sustain local wildlife, and reduce the adverse impacts of stormwater runoff. The ordinance can be strengthened to prohibit disturbance of the buffer area excepting the creation of trails and activities consistent with the purposes of the greenways.
- In reference to the establishment of greenways along the Appalachian Trail and Horse-Shoe Trail, the Township must partner with landowners and the trail conservancies to obtain easements that will allow public access to the trails, protect their footpaths and viewsheds, and in the case of the Horse-Shoe Trail, provide an off-road route.
- Recognize the conditions present in Bow Creek that make protection of its waters priority. Promote the creation of a Conservation or Multiuse greenway and additional open space protection for the Bow Creek sub watershed.

- Create a Township open space, trails, and greenways committee to identify opportunities for new trails and trail connections and to evaluate their feasibility.
 - Consider use of an Official Map to or the Open Space Lands Act to acquire easements for greenways where appropriate and feasible.
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