

COUNTY TOPICS

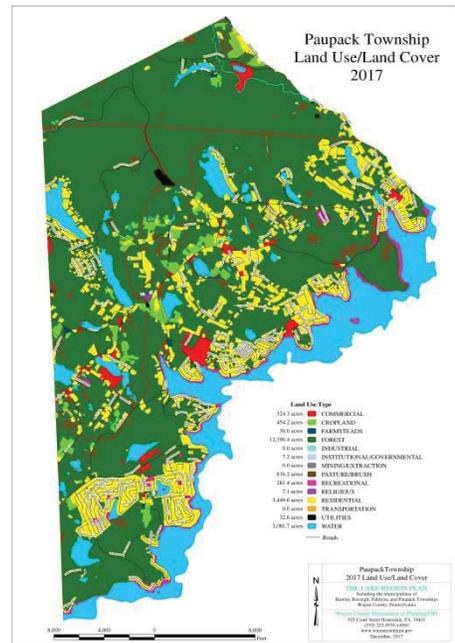
Wayne County Land Use / Land Cover Update

With the acquisition of the County’s latest 2017 Pictometry imagery from EagleView that was completed in April of last year, the Wayne County Planning /GIS Department has started the process of completing a 10-year update to its Land Use/Cover analysis from the prior 2008 Existing Land Use as summarized in Chapter VII of the County’s Comprehensive Plan Update.

By utilizing the previously established land use /cover codes for the County, each of the 28 municipalities will be analyzed to determine any changes to its previous land cover as well as verifying existing land uses based upon current tax assessment data. A total of 14 land descriptions have been maintained to allow for a consistent comparison of changes over the past decade. These land categories include the following:

- Commercial
- Industrial
- Recreational
- Utilities
- Cropland
- Institutional/Governmental
- Religious
- Water
- Farmsteads
- Mining/Extraction
- Residential
- Forest
- Pasture/Brush
- Transportation

The first County area completed as part of this 10-year update involved the Lake Region municipalities of Hawley Borough, Palmyra Township and Paupack Township. This region was completed to assist these communities with their Lake Region Comprehensive Plan update which is currently taking place. All existing parcels have been reviewed based upon land use descriptions and the larger acreage parcels have been reshaped from the previous polygons that were created. Once the municipal area review has been completed, the land use / land cover features are dissolved into a single layer in order to determine their final acreage, which is then converted to its representative percentage of the municipal land area.



The East Central Region, which consists of Damascus, Manchester and Oregon Townships, is another area of the County that is beginning a multi-municipal comprehensive plan update in 2018. The updated land use / land cover information will also be provided for this local municipal planning effort.

We will continue this land use update analysis throughout the remainder of the County in all of the remaining boroughs and townships to determine the County’s overall land use changes over the past decade.

Junior Leadership Northern Poconos

Junior Leadership Northern Poconos promotes an understanding of the many facets of Wayne and Pike Counties to tomorrow's future leaders. This program, sponsored by the Chamber of the Northern Poconos, follows a 10-month school schedule and included junior class high school students from Forest City, Wallenpaupack, Wayne Highlands and Western Wayne. Monthly topics include: history of the region/county & local government, law enforcement, health care, community & human services, education, arts & culture, economic development, and environment – recreation – tourism.

County Planning/GIS Director, Craig Rickard and Derek Williams facilitated the October 2017 class of Local and County Government. The afternoon session provided an overview of the duties and responsibilities of the different components in county and local government, with the goal of giving the students a basic understanding of how they function. Topics covered the different types of municipalities in Pennsylvania, with an emphasis on the municipalities in both Pike and Wayne County. A hands-on exercise identifying the boroughs and townships within the two Counties as well as surrounding PA and NY Counties was also completed. Mr. Williams provided the students with an overview of Geographic Information Systems (GIS), with an emphasis on the completed rebuild of the County's GIS public interactive map with its various search tools.

The class then went on a mobile tour of the County offices located within the Main Courthouse. The students were able to see the main courtroom and discuss with incoming Judge Ms. Janine Edwards the various types of court cases heard, which are affecting our local community. A visit to the site of the recently completed "Walk of Honor" display was also provided to the students prior to their departure at the end of the school day.



Junior Leadership Northern Poconos – Local & County Government – Afternoon Session

Wayne County GIS

The Geographic Information Systems (GIS) share of the Wayne County Planning/GIS Department grows every year. A large portion of this work is the daily maintenance of setting addresses, amending building footprints, revising tax parcel lines, and updating the County’s 911 system. Our office plays a support role to other Wayne County departments and offices that either use GIS directly or rely on GIS data for their daily work and to provide geographic solutions. Beyond that, the County’s GIS serves the public through data requests, custom cartography, aerial mapping products, and an interactive online mapping application.

The following are examples of County GIS projects from 2017 and some of the ongoing projects worked on from year to year.

New Aerial Photography

In the Spring of 2017, Wayne County had an aerial flyover completed by EagleView (Pictometry). This new set of photos (featuring “oblique” or angled and “orthogonal” or straight down views) has been utilized by Planning/GIS staff, the Assessment Office, the Conservation District, and others in an assortment of planning projects.



Oblique aerial view of Gouldsboro, Lehigh Township, Wayne County, 2017

Hawley Borough Bingham Park Improvement Plans

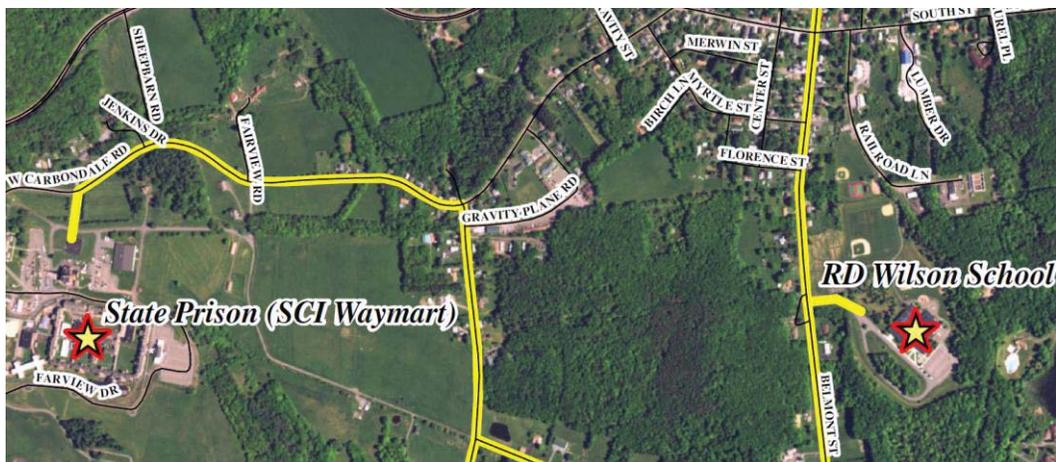
Citizen advocates for the preservation and enhancement of Bingham Park in Hawley Borough began organizing in 2017. Some property mapping was completed to assist in the planning efforts to upgrade Bingham Park.



Portion of Bingham Park property map

UGI Gas Line Extension Project

A planned gas line extension from existing service areas in western Wayne County was planned in 2017. Grant funding was pursued to assist the project. To support the planning effort and grant application, a map was created to show possible routes and distances from existing locations to prospective future locations.

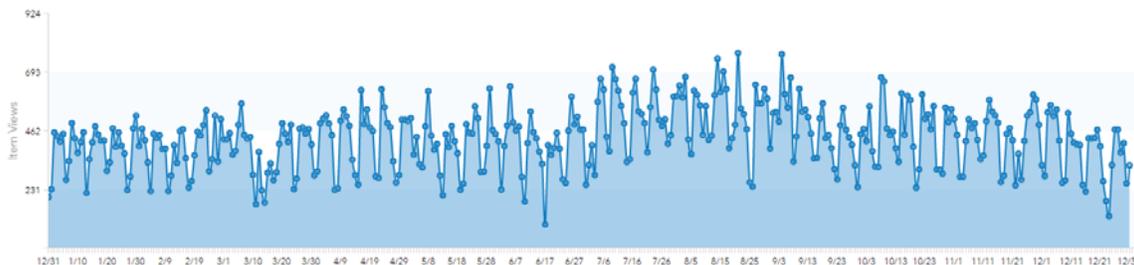


Portion of a map showing potential routes for gas service expansion

Wayne County Interactive Map

The Planning/GIS Department's updated interactive web map continues to serve the public well. Throughout 2017, the average number of map views per day was 443 and total yearly views equaled 161,527.

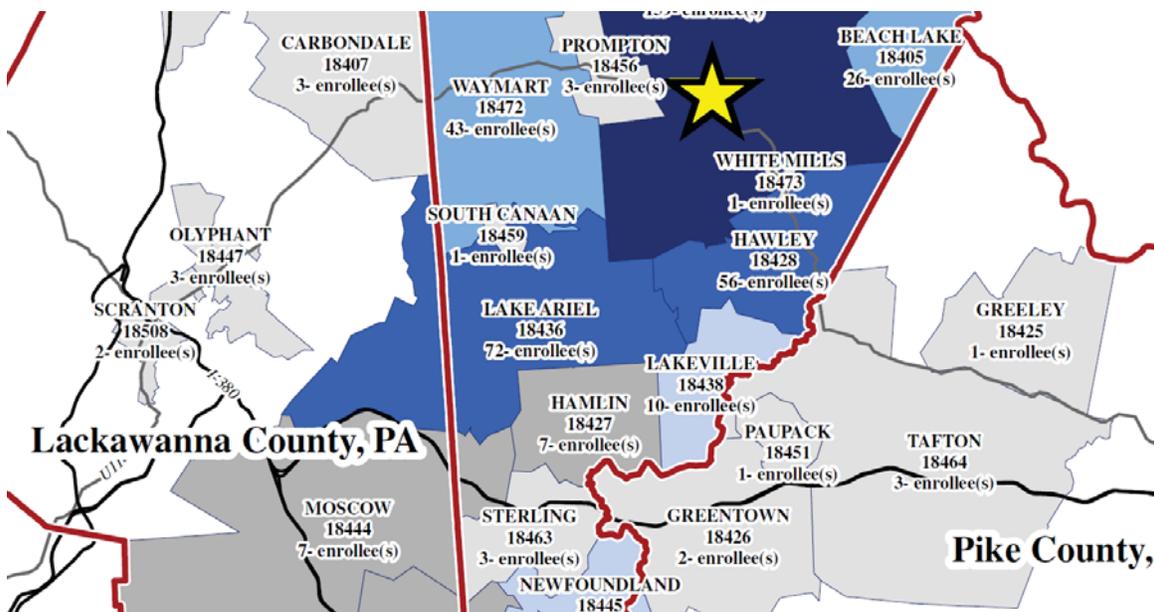
The interactive map can be found on the Wayne County website (<http://waynecountypa.gov/>).



Interactive map viewership numbers for 2017

Employment & Training Center Mapping

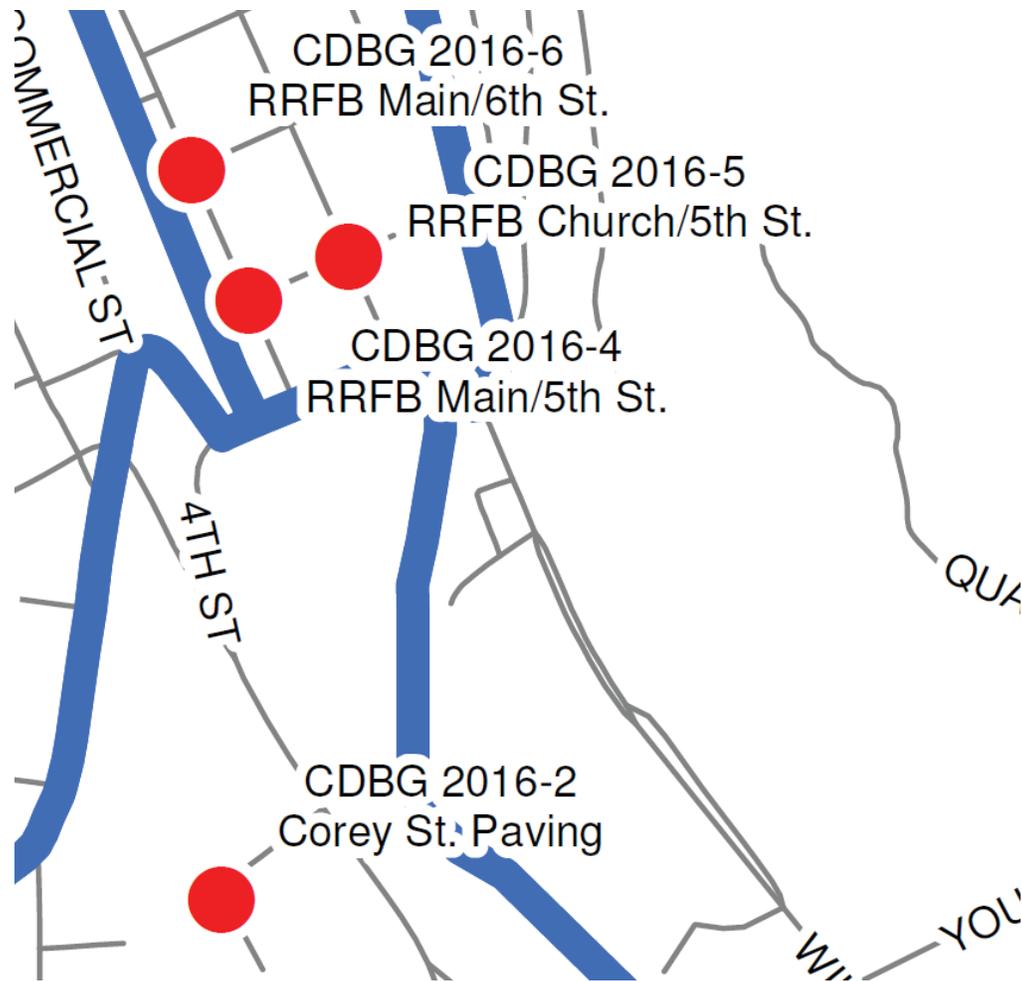
The Wayne County Employment & Training Center was looking to visualize the enrollee data they've collected for their various programming. This data was stripped of personal information and mapped by zip code area, with the aim to see where enrollees were traveling from to utilize various programs. The map below shows zip code areas colored by their percentage of enrollee participation, along with raw numbers for the same.



Portion of a map showing enrollee service areas for Employment & Training program

Community Development Block Grant Mapping

Each year, Community Development Block Grant (CDBG) funding from the Pennsylvania Department of Community & Economic Development is awarded to Wayne County projects. Infrastructure improvement projects in Honesdale Borough are shown in the map below. The Planning/GIS Department assisted the funding process for County CDBG projects by providing mapping services.



A portion of a map showing Honesdale Borough's CDBG projects

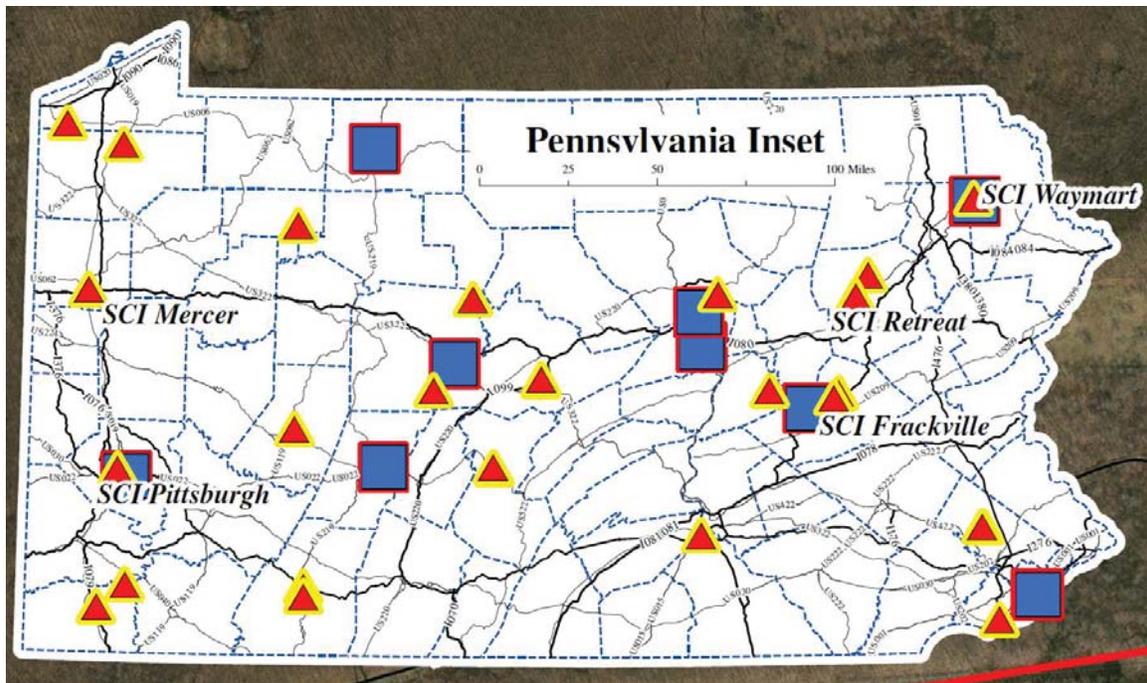
Wayne County Agricultural Study

A grant to produce a Wayne County Agricultural Study was applied for and awarded in 2017. The Planning/GIS Department will be providing mapping for this study. Initial mapping to support the grant application was provided in 2017.

SCI Waymart Comparative Analysis

In early 2017, Pennsylvania was looking to downsize their state correctional system network. Several state facilities were identified as potential candidates for closure (labelled facilities in the map below), including State Correctional Institute (SCI) Waymart, in Canaan Township, Wayne County. Our office did a comparative analysis showing the proximity of state facilities (triangles in the map) to federal facilities (squares in the map) and other emergency resources.

This map and other information were used by local and County officials to understand the topic and then speak to State officials and representatives. SCI Waymart was not closed in 2017. The map below is a state-wide inset map found within a larger map that also highlights the localized geography surrounding SCI Waymart.



Inset map from a bigger map showing Federal and State Correctional facilities

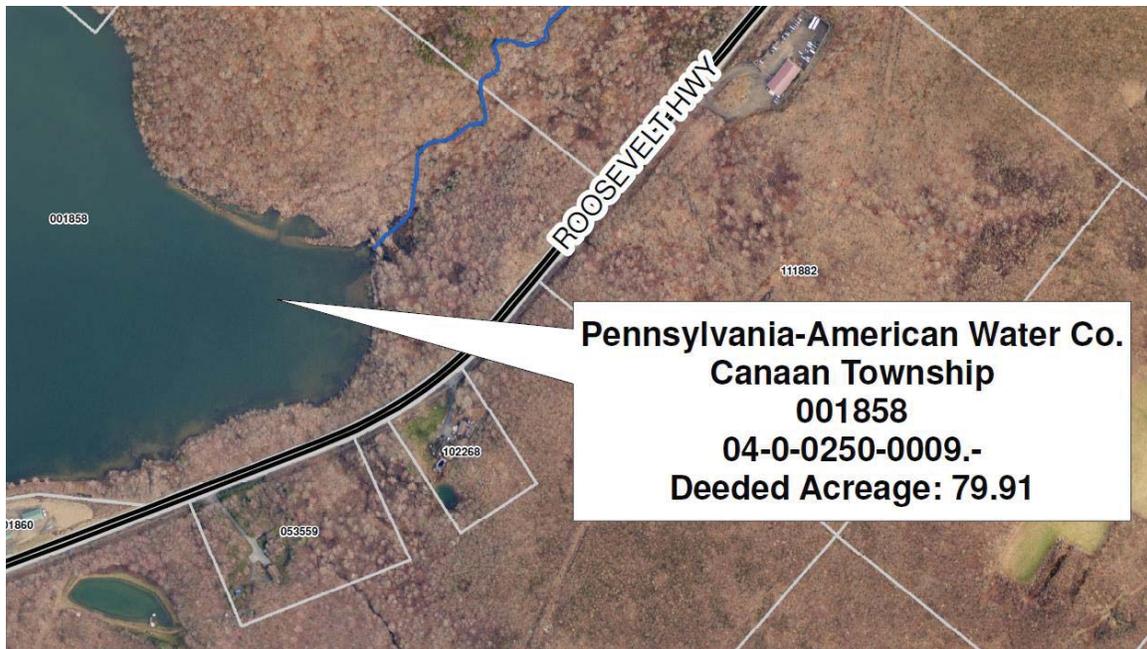
Large Parcel and Utility Mapping

In support of Wayne Economic Development Corporation's (WEDCO) ongoing work to create jobs and improve prosperity in Wayne County, the Planning/GIS Department regularly creates maps in support of their mission. Two maps (portions attached on next page) from 2017 included identifying large parcels for economic development prospects.

One of these maps involved new mapping of electric utility line corridors throughout the County and highlighting adjacent large acreage parcels. The other of these maps focused on parcels owned by water utilities in the area of Waymart Borough. With maps like these as resources, WEDCO is able to steer specific project interests in helpful directions.



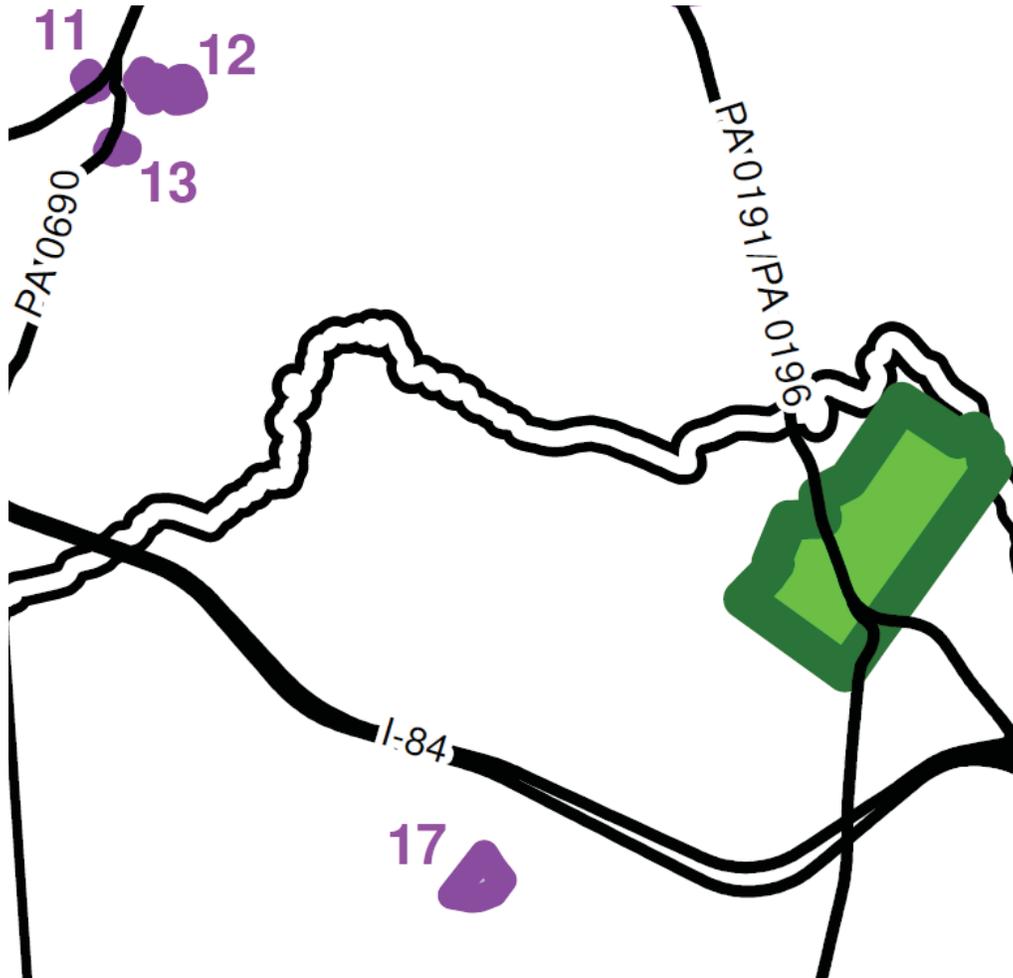
Large parcels (yellow) and Electric Utility Corridors (red)



Portion of Water Utility Lands in Canaan Township, Wayne County

Sterling Business and Technology Park's Nearby Community Uses

An assessment of the Sterling Business and Technology Park's proximity to community uses was made in 2017 using GIS for the project managers at the park. Community uses were identified and mapped within five miles of the Technology Park. Attached below is a portion of that mapping project.



Sterling Biz/Tech Park (green) and nearby community uses (purple)

Pocono Mountains Keystone Innovation Zone (KIZ)

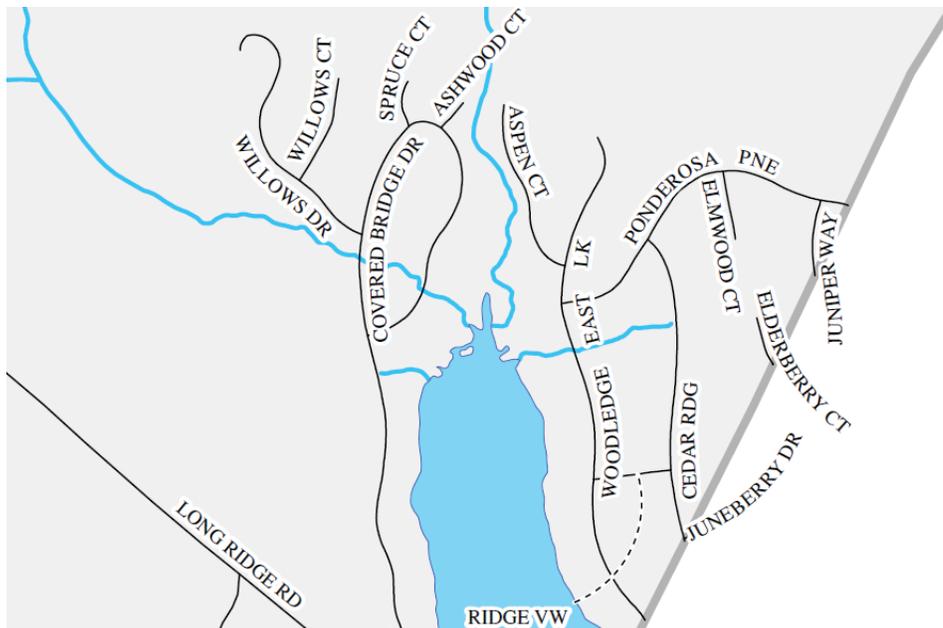
Pennsylvania's Keystone Innovation Zone (KIZ) program is a tax incentive for companies operating within targeted industries and locations. The existing Pocono Mountains KIZ boundary is located around East Stroudsburg University in Monroe County. A partnership between WEDCO and its Monroe County counterparts led to an effort to redefine the boundary of the Pocono Mountains KIZ to include the Sterling Business and Technology Park and the Stourbridge Project in Wayne County. Our office assisted this planning partnership by providing mapping. Wayne County's Park Street Complex, which includes the Stourbridge Project, is shown in the map that follows.



Stourbridge Project and County Park Street Complex

Municipal Road Mapping

As part of our day to day mapping and geographic data maintenance operations, we amend and build out Wayne County’s road database. From time to time, we map all of the roads in a given municipality and work with that municipality to review and make edits as necessary. Palmyra Township and the other municipalities that are part of the Lake Region Multi-Municipal Comprehensive Plan went through this process in 2017.



Portion of road map for Palmyra Township, Wayne County

Wayne County 911/GIS Working Together

The Wayne County Department of Planning/GIS continues the process of maintaining and updating road and address data to support the County 911 system. This plays an important role in providing correct road names and address numbers for 911 dispatching, along with defining emergency response boundaries.

An example of this maintenance is seen below, with a table showing road segments and ranges for Conklin Hill Road.

Road Name	Left Low	Right Low	Left High	Right High
Conklin Hill Rd	1	2	21	22
Conklin Hill Rd	23	24	181	182
Conklin Hill Rd	183	184	255	256
Conklin Hill Rd	257	258	303	304
Conklin Hill Rd	305	306	411	415
Conklin Hill Rd	413	414	463	464
Conklin Hill Rd	465	466	531	532
Conklin Hill Rd	533	534	591	592
Conklin Hill Rd	593	594	625	626
Conklin Hill Rd	627	628	639	640
Conklin Hill Rd	641	642	781	782
Conklin Hill Rd	783	784	895	896

Snapshot of our roads data. Road names and ranges are needed for accurate mapping.

Additionally, our department has been working with the 911 Department to make changes and provide GIS support during the first year of 911's newly deployed and updated Computer Aided Dispatch (CAD) system.

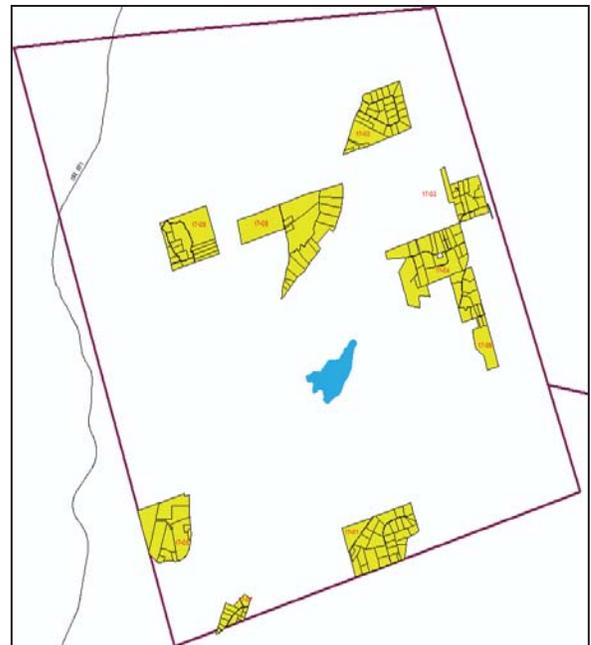
GIS and 911 staff work together on a daily basis to maintain and support the CAD and overall 911 system to the best of their combined abilities. As new standards evolve to and apply to 911 systems, this working partnership will continue and evolve in kind.

Wayne County Major Subdivision Inventory Update

In the summer of 2017 a major subdivision inventory update was conducted by student intern Joseph Ciralo, from Bloomsburg University. The first major subdivision inventory was completed in 1982 and then updated in 1990. The purpose of this project was to highlight property parcels that had been subdivided into multiple residential lots. The 2017 update focused on all major subdivisions in the County and maintained criteria of 10 lots or more to be mapped.

Originally, each municipality was projected on paper. Using topographic maps as reference, every recorded subdivision was then hand drawn on individual municipal maps. Over the years, these maps became outdated and somewhat difficult to read. This most recent subdivision inventory took a slightly different approach by utilizing GIS software. Previous inventories conducted in 1982 and 1990 were used in combination with tax data to develop this updated inventory. All major subdivisions (10 lots or more) were reviewed for any additional lot creation. Major subdivisions that occurred post 1990 were also recorded and included in the update.

In a GIS format, the updated subdivision data is available for department reference, future updates and other uses. County-wide or municipal-specific maps can now be made (*as shown right*). A total of 407 major subdivisions were recorded in the update. The names of each subdivision were replaced with an identification number to make the map more legible. A corresponding excel file was created containing an inventory sheet for each municipality within the County. Each ID contained two sets of numbers. The first identified the municipality the subdivision was located in and the second was given according to the alphabetical order of all the subdivision names in that municipality. The excel sheet also contains information on all the updated subdivisions such as number of lots, tax map number and other additional relevant information.



*Major Subdivision Inventory -
Oregon Township*

Although this project was very time consuming it was completed by the end of summer, 2017. The final product included a 2x3 printout of the County, which illustrated all 407 major subdivisions. The subdivision inventory covered nearly 13% of the total land area in Wayne County. A hard copy excel log listing important attributes to each subdivision was also produced.

Upper Delaware Scenic and Recreational River Boundary

In early 2017, the National Park Service (NPS) held a series of informational sessions regarding the boundary for the Upper Delaware Scenic and Recreational River (UPDR). Established in 1978, this unit of the NPS is a 73 mile corridor running from around Hancock, NY to near Port Jervis, NY. The vast majority of the lands within the 55,574.5 acres (as per the 1986 River Management Plan) of this corridor are held in private ownership, making it a unique scenic and recreational resource between Pennsylvania and New York State.

The NPS, in partnership with Shippensburg University, created a digital boundary of the UPDR boundary in 2016. The goal was to create a modern boundary that could aid certain agencies that work within the corridor. While the total/designated acreage hasn't changed, this boundary was made using current GIS technology and included some slight variations from the original boundary, which was drawn using 1980s technology.

Because of this, the NPS, Shippensburg University, and the Upper Delaware Council held public meetings, designed to inform the public that the boundary may look different, due to technological changes, but has not changed from a management perspective. According to a NPS press release: *“Should a dispute arise regarding the (newly digitized) boundary location, the process described in the River Management Plan for more precisely identifying the exact location of the boundary line will be followed.”*



Portion of the NPS Upper Delaware Scenic & Recreational River visitors guide

Wayne Tomorrow!

The collaborative and community minded effort known as ‘Wayne Tomorrow!’ continued in 2017 with the process of integrating ideas and partnerships for the purpose of enhancing and building upon the County’s existing economic and cultural ecosystem. The effort, which is an outgrowth of the Wayne County Comprehensive Plan Update, consists of five original sub-committees, which are comprised of community members from diverse professional and public service backgrounds. The five original sub-committees are Agriculture, Business and Economic Development, Quality of Life, Sustainability and Workforce Development. Most recently, a new sub-committee (Marketing) was also formed.

The ‘Wayne Tomorrow!’ model, as it exists, is to develop a common vision through the sharing of ideas and principles from different perspectives. The purpose is to integrate ideas and initiate projects that will both recognize and help to promote the existing culturally and naturally rich environment of Wayne County, while at the same time working to foster a prosperous economic climate. The effort brings together individuals from various business, community, education, workforce, government and public service organizations.



COMMUNITY OPEN HOUSE
Friday, September 22, 2017 | 10:00 am - 6:00 pm

646 Park Street, Honesdale PA 18431

The Stourbridge Project is a community hub for makers, thinkers, entrepreneurs, start-ups, and established businesses by offering business-class internet access, 3D printers, a digital media studio, and state-of-the-art software such as design, animation, music recording and editing, video editing, CAD drafting, and more.

JOIN US AT THIS COMMUNITY OPEN HOUSE TO CHECK OUT OUR **FREE COWORKING SPACE**, DIGITAL MEDIA STUDIO, BUSINESS INCUBATOR PROGRAM, AND MORE!

Light Refreshments Will Be Provided

One such community minded endeavor that was developed through local collaborative partnerships is The Stourbridge Project. This initiative resulted in a free to use co-working space and community hub, which exists to primarily serve as a business incubator and accelerator, as well as a business resources and training center. The flier above illustrates the announcement of a community open house that was held this past September. More information on the project and the opportunities that exist there can be found at <http://stourbridgeproject.com/>.