

COUNTY ISSUES

Wayne County GIS

The GIS responsibilities of the Wayne County Planning/GIS Department are many. Behind-the-scenes work includes daily maintenance such as; setting addresses, updating building footprints, revising tax parcel lines, and updating the County's 911 system. Additionally, 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 to various issues. 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 some examples of County GIS projects that were completed in 2016.

Honesdale Borough Recreation and Footprints

The Wayne County Planning/GIS Department worked with Honesdale Borough on a number of projects in 2016. Recreational resources are an example.

Honesdale Borough's Recreation Committee was looking at their existing trail resources and how they might connect. Many maps were made to support this effort. Additionally, maps showing the river corridor in Honesdale were produced to support the Honesdale River Project.



The River Project is not a project of Honesdale Borough Council but instead a collective project of numerous community stakeholders and engaged citizens who are looking to activate the river corridor with more public access and general improvements. From a planning perspective, some of this work overlaps with the Central Wayne Regional Comprehensive Plan's stated goals and objectives and the County's Wayne Tomorrow! initiative.

The map shown above highlights the area where the West Branch Lackawaxen River intersects with the Dyberry Creek and becomes the main branch of the Lackawaxen River.

Building footprints were also mapped for Honesdale Borough in 2016 by request from the Greater Honesdale Partnership. Footprint data in Honesdale already existed but, like all County GIS data, regular maintenance is required. Through this request, we were able to review the existing footprints, make necessary changes, and provide the data to the Greater Honesdale Partnership, which was looking to see current footprints and existing businesses. Several changes to the downtown building stock took place in recent years so a refresh of the building footprint data was a worthwhile endeavor.



Shown here is a portion of Main Street Honesdale's building stock and businesses

Municipal Road Maps

From time to time, Wayne County municipalities request mapping of their existing road network. The Wayne County Department of Planning/GIS maintains geographic road data for all of Wayne County so fulfilling these mapping requests is a great way to cross reference the County's road database with the Township's road database and existing mapping from the Pennsylvania Department of Transportation.

Wayne County Cemetery Mapping

A great deal of work was done to map the cemeteries of Wayne County in 2016. Earlier in the year, cemetery maps were produced for local review. Maps showing existing cemeteries were created for each of the 28 municipalities in Wayne County.

In September and October of 2016, the cemetery mapping work accelerated with the Wayne County Department of Planning/GIS's support of the "Walk of Honor" project. The "Walk of Honor" was a local monument project that planned to list all Wayne County veterans buried in Wayne County or in a national cemetery. In addition to this listing, a cemetery map was created. This inventory corresponded to a cemetery key. Each listed veteran was tagged with a cemetery ID, which one could then find on the cemetery map, to create an interactive experience. To date, approximately 150 cemeteries have been located throughout Wayne County.

There was a dedication of this monument held on November 11, 2016 (Veterans' Day). The County cemetery map is a key piece of the "Walk of Honor", situated at the center of the monument. The monument itself, sits on Wayne County property, adjacent to the County Courthouse.



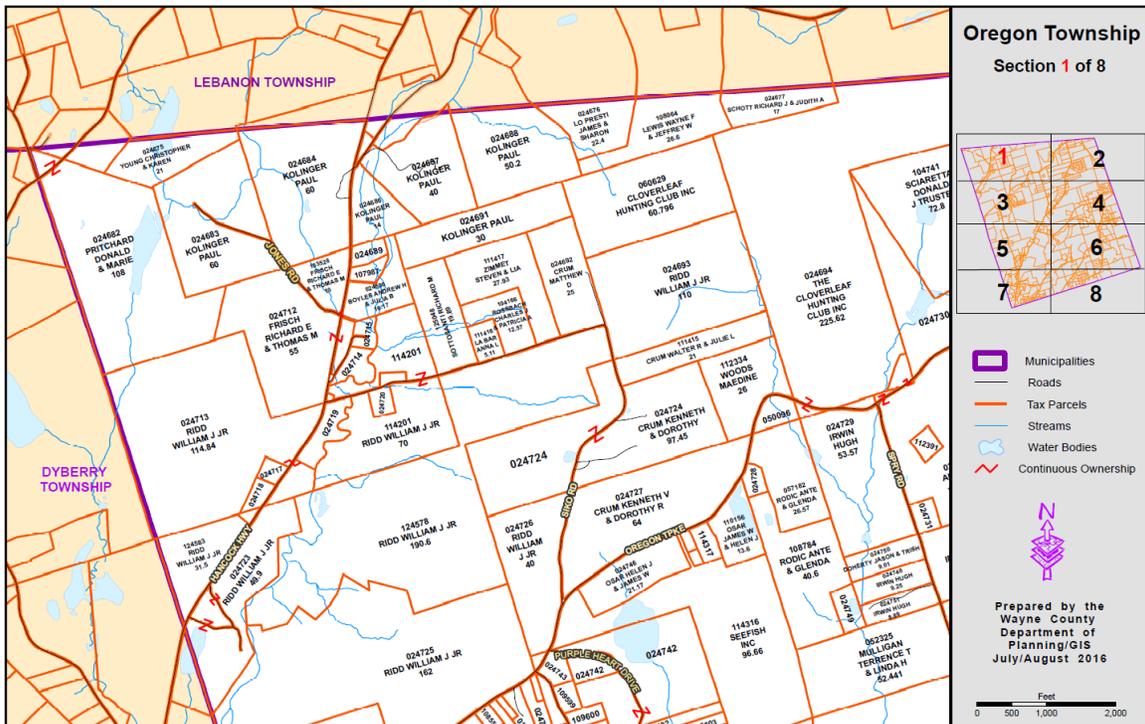
Walk of Honor dedication ceremony

Central Wayne Regional Sewer Authority

The Central Wayne Regional Sewer Authority is undergoing a major expansion project from its existing footprint, South and East to the village of White Mills in southern Texas Township. The Wayne County Department of Planning/GIS assisted the Sewer Authority with GIS mapping requests and provided resources in general to support their central sewage expansion efforts.

Oregon Township Property Ownership Request

Judith O’Connell from the Oregon Township Planning Commission requested an updated GIS map showing the ownership of the parcels within their local municipal jurisdiction. A previous set of maps in a plat book style had been produced for the Township prior to the merger of the Planning and GIS Departments. The updated ownership information will assist the Township with future planning efforts. Most parcels were labeled with the control number, the owner of the property and the parcel acreage. Oregon Township was divided into eight (8) sections, each on a separate eleven (11) by seventeen (17) inch map. The project was completed during the summer of 2016.

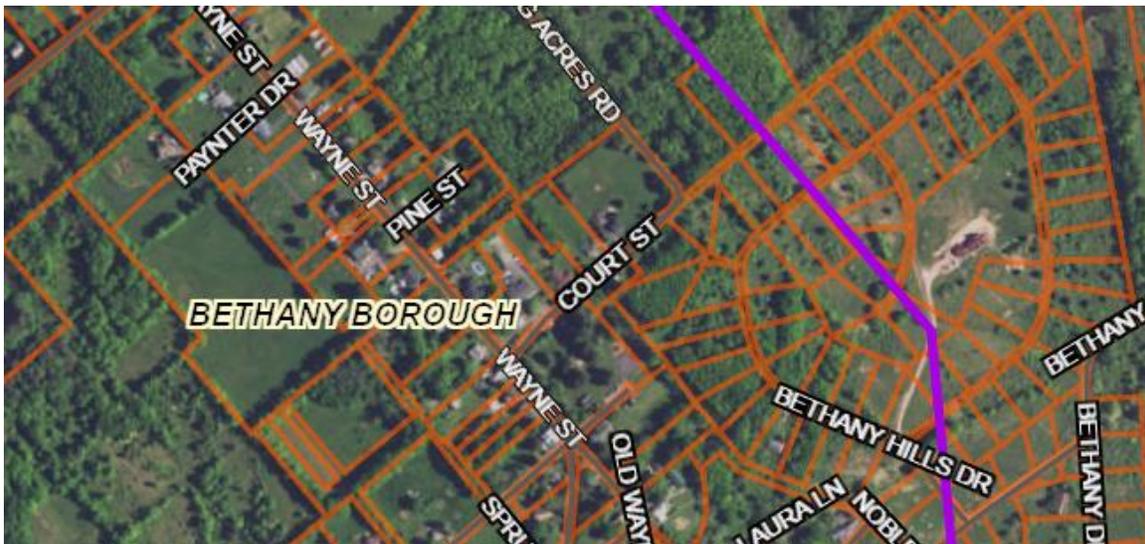


Section 1 of 8, showing the northwestern portion of Oregon Township

Wayne County Interactive Map

The Planning/GIS Department updated their previous interactive mapping application for public viewing in 2016 after pursuing GIS training specific to online mapping applications. The previous interactive map had not been updated since technology advancements left it obsolete. This new interactive map offers more information and resources for the public to view and assess public data.

The interactive map can be found on the Planning/GIS Department's website (<http://planning.co.wayne.pa.us/>). Here, individuals can check physical 911 addresses, road ranges and route numbers, tax parcel information, and perform a number of functions like measuring and finding coordinate locations. This map is built on the ArcGIS Online platform and can be viewed on a desktop computer or mobile device.



Snapshot of the Planning/GIS Department's Public Interactive Map

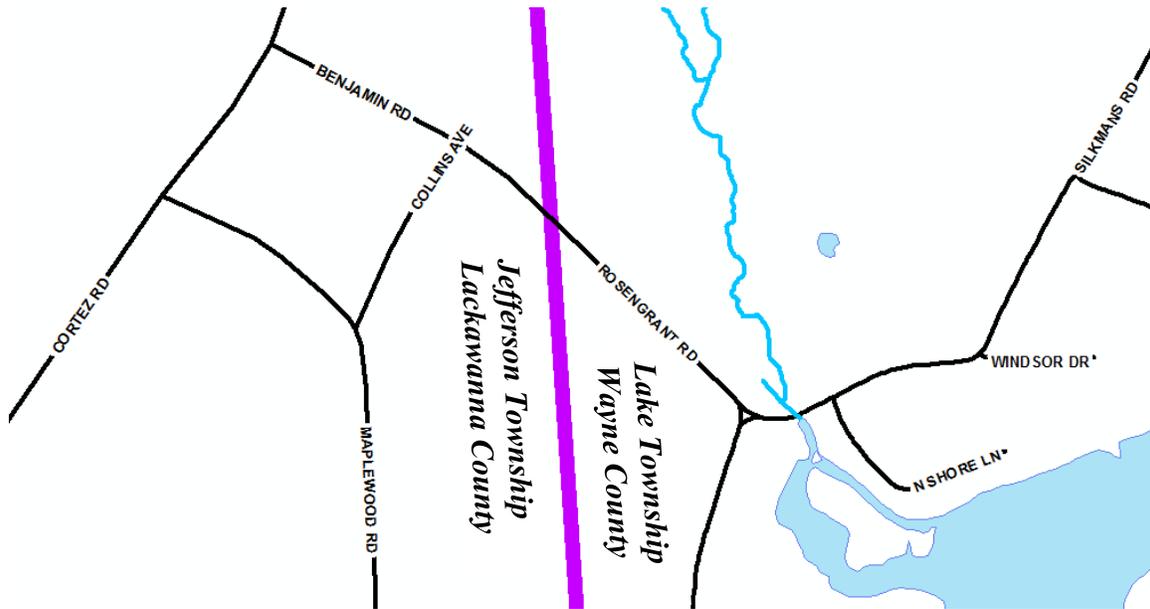
911 Computer Aided Dispatch Upgrades

The Wayne County 911 Department finished upgrading their Computer Aided Dispatch (CAD) software in 2016. The Planning/GIS Department worked with their Department throughout this process. This new CAD (provided by Tyler Technologies) offers advanced functionality and is easier to update with County GIS data.

Along with this new CAD came more strict standards for the County's GIS data to comply with. One example is driveway locations. For the eventual purpose of routing emergency responders to the scene of an emergency, Wayne County's driveways need to connect directly with the road from which they originate. The Planning/GIS Department began the process of updating driveway data to meet these standards in late 2016.

Wayne County 911/GIS Updates

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.



Portion of the Lackawanna County/Wayne County border.

Shown above is a small area of Lackawanna County roads that adjoin Wayne County, near the northern end of Lake Henry. These roads were previously absent from the County's mapping or labelled incorrectly. Through coordination with Lackawanna County, we were able to acquire the previously missing or incorrect data.

Emergency responders dispatched from Wayne County will now be able to access the road network data necessary to respond to an emergency in this area, regardless of whether the emergency is in Lackawanna or Wayne County. Other road work/address coordination completed in Wayne County during 2016 included Main Avenue (Hawley Borough), Silo Road (Buckingham Township) and Lizzy's Lane (Clinton Township).

Wayne County Historical Society

Mapping to support the Wayne County Historical Society's secret garden tour and local history "past-port" projects was completed in 2016. The secret garden tour is an annual field trip/fundraiser the Historical Society runs. The past-port is a local history guide anyone could pick up at area historical societies as they explore Wayne and Pike County.

Cooperage Project Mapping

The Cooperage Project, a Honesdale-based, community not-for-profit, held an International Table Top Day event this year and wanted a map for attendees and participants to pin their location on. This became a fun feature for the table top gamers and is one of the more interactive uses for our mapping to date.



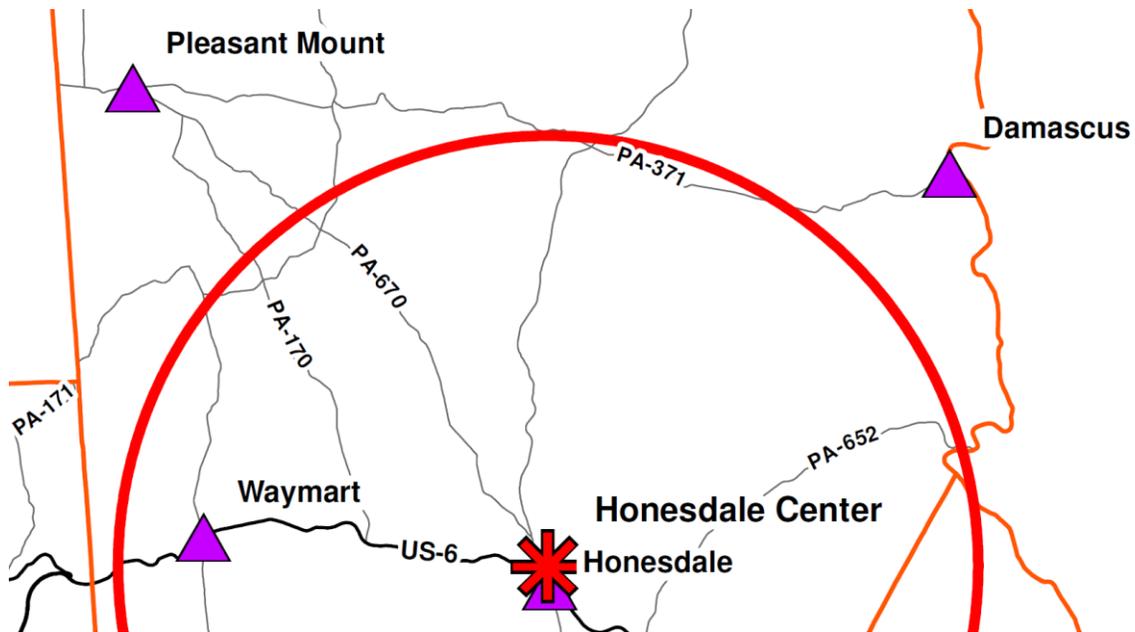
Map at the Cooperage Project. Credit: <http://thecooperageproject.org/>

Pennsylvania GIS Conference

The annual PA GIS Conference was attended by department staff in 2016. Some of the valuable information gathered over the course of the conference came from a workshop dealing with next generation 911 systems and GIS compatibility. This information led to specific approaches guiding GIS data maintenance after the conference. There was a free conference admission granted to Mr. Derek Williams for winning the 2015 PA GIS Conference Best Map Award.

Wayne County Job Training Center Mapping

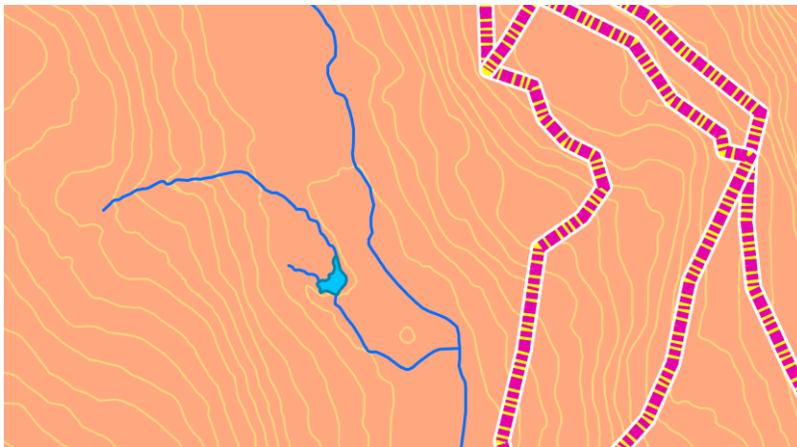
As Pennsylvania discussed consolidating state-funded job training centers, our local County office needed to visualize the geographic ramifications of a Honesdale center closure. The Planning/GIS Department produced GIS mapping that identified the region's job training centers in relation to village centers located in Wayne and Pike Counties.



Portion of a map showing the Honesdale Job Training Center and a 10 mile radius

Snowmobile Trail Connections

The Wayne County Department of Planning/GIS worked with two snowmobile clubs in Wayne County to build a map showing how the trail networks of both clubs could potentially connect through State Game Lands 159 and adjoining private property. This map was used in feasibility discussions regarding regional trail networks.



This map was used in feasibility discussions regarding regional trail networks.

Shown here is a section of the map showing some of the existing trail network within State Game Lands 159, located in Lebanon Township.

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 Director, Craig Rickard, and Senior Planner/GIS Technical Analyst Derek Williams facilitated the October 2016 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 including cities, boroughs and townships but 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 (*pictured below*). The students were also able to see the second courtroom located on the fourth floor and discuss with Judge Raymond Hamill the present court related social issues affecting families in our County, which was of particular interest to the students. A visit to the site of the recently completed "Walk of Honor" was also given to the students prior to their departure at the end of the school day.



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

Wayne Tomorrow!

The project known as ‘Wayne Tomorrow!’ began in earnest in 2013 and continued to move forward and evolve over the past year. The initiative, originally formed as an outgrowth of the Wayne County Comprehensive Plan Update, is comprised of five foundation committees: Agriculture, Business and Economic Development, Quality of Life, Sustainability and Workforce Development. A sixth workgroup committee (Marketing) has also been added to the original five sub-committees.

The makeup of these workgroup committees consists of individuals from many different walks of life. Representation consists of leaders from business, community, education, workforce, government and service organizations. The model promotes collaboration and an integration of ideas, rather than isolated enterprises in order to move the County forward.

A recent example of community development and idea generation is the Honesdale River Project. This project is looking to activate the river corridor in Honesdale Borough and a number of people are reimagining this landscape. Preliminary mapping has been provided by the Planning/GIS Department and architectural renderings have been provided by a local artist. While the River Project is only in the beginning stages (including visualizations, group photo walks for social media, and trail work at Wayne County’s Park Street Complex), it offers a great example of the community engagement Wayne Tomorrow! has been cultivating since its inception.



Concept drawing, Jeff George Design, <https://www.facebook.com/honesdaleriverproject/>