

2021 ANNUAL REPORT



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A Message From the Chairmen . . .

We are pleased to present this Annual Report on the activities of the Tri-County Regional Planning Commission for 2021, including the accomplishments of the regional planning program, Dauphin County Planning Commission, the Perry County Planning Commission, and the Harrisburg Area Transportation Study.

This four-part report is provided as a service to the citizens of the Tri-County Region and to update the respective County Commissioners and Planning Commission members about all of the programs we administer.



Some of our endeavors in 2021 included:

Regional Planning Program:

- Updated data for the Regional Growth Management Plan, including new land cover data for the region;
- Completed a Countywide Action Plan (CAP) to address water quality issues in Dauphin, Perry, Juniata, and Mifflin Counties;
- Received a CAP Implementation Grant of approximately \$1.8M, with funding to be spent during 2022;
- Neared completion of our Planning Toolkit with extensive planning resources and updated model ordinances;
- Reviewed 100 intergovernmental applications supporting local grant applications for over \$98M
- Continued to expand our GIS resources including several story maps, websites, web applications, and updated data layers;
- Initiated an extensive update of the TCRPC website.

Dauphin County Planning Commission:

- Acted on 141 subdivision and land development plans;
- Provided 969 hours of staff time to the Local Planning Assistance (LPA) program;
- Reviewed and commented on 30 proposed amendments to local zoning and subdivision and land development reviews;
- Reviewed and commented on sewage modules for multiple municipalities;
- Continued work on the creation of a regional stormwater program to develop an assistance program for Dauphin County communities in handling stormwater management concerns;
- Presented the 10th Annual Premier Project Awards to recognize planning Excellence in Dauphin County.

Perry County Planning Commission:

- Reviewed 103 total Subdivision and Land Development plans;
- Approved 10 Subdivision and Land Development plans submitted under the jurisdiction of the County S&LDO;
- Reviewed 11 sewage facility planning modules;
- Reviewed and commented on five municipal ordinance proposing zoning ordinance revisions and amendments;
- Updated the Perry County Community E-Data Booklet;

- Began implementation of the 2020 Perry County Hazard Mitigation Plan and researched and prepared information to make application to the HMGP through PEMA;
- Initiated work on Perry County's next comprehensive plan PICTURE PERRY;
- Logged the receipt of 45 Act 14 reviews for the County;
- Conducted outreach and technical support to the Perry County Economic Development Authority, the Perry Housing Partnership and the LEPC;
- Continued to provide technical support to the HATS effort to establish a park and ride facility along the SR 0034 corridor.

HATS:

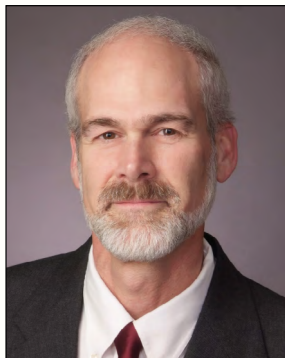
- Completed and adopted the 2045 HATS Regional Transportation Plan, including an updated Project Pipeline and regional Environmental Justice analysis;
- Began development of FFY 0223-2026 Transportation Improvement Program (TIP);
- Ongoing outreach with municipal partners through PennDOT Connects and HATS Project Pipeline processes;
- Became a Waze for Cities Partner, allowing staff access to real time traffic alerts and data;
- Continued work on safety planning through development and implementation of supplement to PennDOT Highway Safety Manual Network Screen Tool;
- Participated in statewide round of Transportation Alternatives Set Aside, selecting 2 projects for funding through HATS regional allocation;
- Contributed to numerous bicycle/pedestrian-focused studies and efforts in the region;
- Helped advance the Capital Area Transit (CAT) Intermodal Bridge project;
- Conducted spring and fall bicycle and pedestrian counts;
- Participated in quarterly Traffic Incident Management (TIM) team meetings;
- Completed traffic counts for PennDOT and local municipalities and projects.



*TCRPC Office,
Veterans Memorial Building,
112 Market Street,
2nd Floor, Harrisburg*

TCRPC's staff has strived over the past year to be a trusted resource for the region. Through funding, planning tools, and education and training, TCRPC has worked to exceed the basic requirements of the Municipalities Planning Code (MPC). It is our goal to continue growing as a vital partner in helping to build a better future for our community. We look forward to maintaining these productive working relationships in 2021.

Sincerely,



*Tom Graupensperger,
TCRPC Chairman*



*Chris Abruzzo,
Dauphin County Planning
Commission Chairman*



*James H. Turner,
Perry County Planning
Commission Chairman*



*HATS Chairman
Jeff Haste*

About TCRPC . . .

The mission of the Tri-County Regional Planning Commission is to foster the long-term livability and vitality of our communities, counties and region.

Since 1966, we've been a forum for information sharing, consensus building and coordination to tackle regional issues facing the diverse communities of Cumberland, Dauphin and Perry counties. We believe the region is stronger when we work together.

TCRPC's four main programs include:

- the **Regional Growth Management Plan**, which promotes economic growth and revitalization in our communities while protecting natural resources, optimizing transportation options and recognizing important quality-of-life issues;
- the **Harrisburg Area Transportation Study (HATS)**, the federally designated Metropolitan Planning Organization (MPO) for the three-county region;
- and providing staff support to the **Dauphin and Perry county planning commissions**.

TCRPC meets all of these needs with a small staff that provides a tremendous variety of planning support, technical expertise and opportunities for education and training -- all in a spirit of collaboration. Guiding our work is a 19-member, county commissioner-appointed board comprised of residents and officials from Dauphin and Perry counties.

Our Mission . . .

TCRPC's mission is to foster the long-term livability and vitality of our communities, counties and region.

The mission is achieved by encompassing three core values:

- Promote policies, programs and activities that recognize the diverse and desirable qualities of individual communities and the benefits each of these communities brings to the entire region.
- Foster cooperation among local governments to address regional issues through public education, information sharing and intergovernmental coordination.
- Assure, preserve and optimize our quality of life by recognizing and adjusting to both external and internal factors that influence our region's land development and conservation.

OUR MISSION:
**To foster the long-term
livability and vitality of our
communities, counties
and region.**

2021 Membership . . .

Guiding TCRPC's work is a 19-member board comprised of the following representation, each appointed by their respective counties' board of commissioners:

- One commissioner from each county;
- Four members from each of the counties' planning commissions;
- One "at-large" member from each county to represent the entirety of the county; and
- One member representing municipal interests nominated from each of seven regional planning areas (RPAs).

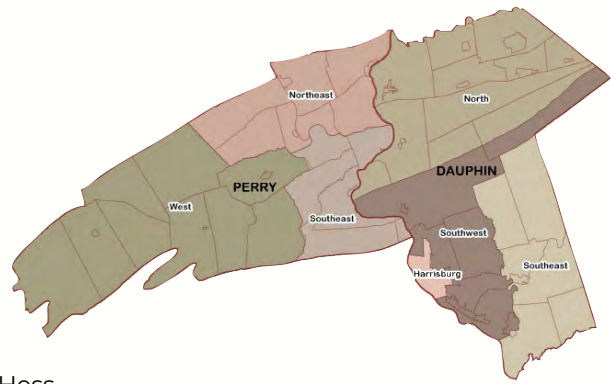
TCRPC's program and services focus on the implementation of the Regional Growth Management Plan (RGMP) and the Regional Transportation Plan (RTP), with the regional planning areas serving as the core areas for implementation. RPA representatives serve as ambassadors of the TCRPC mission and are an essential component in maintaining the relationship between the municipalities they represent and the implementation of TCRPC programs.

Officers:

- **Chairman:** Tom Graupensperger
- **Vice Chairman:** Robert Spandler
- **Secretary:** Danny Kirk
- **Treasurer:** John Kerschner, AICP

Dauphin County:

- **Board of Commissioners:** Jeff Haste
- **Planning Commission:** John Kerschner, Gary Lenker, Robert Spandler, Dan Tunnell
- **Member-at-Large:** Fred Lighty
- **Southwest Regional Planning Area:** Frank Chlebnikow, AICP
- **Southeast Regional Planning Area:** Robert Hess
- **North Regional Planning Area:** Deb Everly

**Perry County:**

- **Board of Commissioners:** Brenda Watson
- **Planning Commission:** Brian Funkhouser, Tom Graupensperger, Danny Kirk, Jim Turner
- **Member-at-Large:** Bill Lyons
- **Northeast Regional Planning Area:** Frank Campbell
- **West Regional Planning Area:** Nina Fitchet
- **Southeast Regional Planning Area:** James Fuller

City Of Harrisburg:

- **Harrisburg City Regional Planning Area:** Wayne Martin

Enhancing Our Communities

TCRPC provides a wide range of services to Dauphin and Perry Counties and their constituent municipalities. These services and activities are intended to provide technical support in a wide range of planning topics and financial support through direct funding and written support for grant applications to other agencies/organizations.

Please see the DCPC and PCPC sections for details regarding 2021 county planning commission accomplishments.

Regional Growth Management Plan Implementation . . .

-- Attainable Housing

As with the rest of the nation, the Tri-County region is facing a shortage of affordable housing for residents. As the region's economic growth continues to center around warehouse and service industries, affordable housing for workers within these sectors has become an increasing concern.

Tri-County staff continues to work with an ad hoc group of realtors, developers, builders, financiers and those involved in social services, public housing and economic development to examine the challenges of expanding affordable housing for the growing labor force. The group has been tasked with researching a variety of techniques that can be implemented through zoning and other municipal ordinances, including increases to allowable housing densities, reducing mandated lot sizes, and expanding the areas for various mixed use and cluster type of housing.

Over the past two years the housing group has met several times to provide input on various housing related projects assembled by TCRPC. This includes the review of the draft model ordinances -- both zoning and subdivision/land development -- and model regulations for manufactured homes and affordable housing requirements. The group has also examined

several municipal ordinances in order to identify potential obstacles to the development of affordable housing.

Affordable housing is a complex and multi-faceted issue that will continue to be relevant as the region continues to grow and change. The ad hoc group will meet to discuss changes and developments in the industry, and will be available to consult with local communities and provide input on issues that they are facing.

TCRPC hopes to be a valuable resource to municipalities in the subject of affordable housing and act as a consulting resource moving forward with local regulations.

-- **Planning Toolkit Update**

The municipalities in the Tri-County region face many planning-level issues (affordable housing, redevelopment, rural development, short-term rental facilities) which are managed through MPC-enabled tools.

In 2020, TCRPC finalized a contract with DCED to support the update of the existing regional planning toolkit. The planning toolkit will provide updated model ordinance and reference materials to better enable municipalities to address planning issues with consistent and effective means for implementation of the recommended Regional Growth Management Plan (RGMP) policies. The approach focuses on providing materials in an easy-to-use, online format tailored to address the greatest current needs, but flexible enough to update to address changing issues and trends.

The updated Planning Toolkit is now complete and will soon be integrated into the TCRPC website, going forward it will be continuously maintained, so feedback is encouraged.



-- **Regional Environmental Program**

Guided by the Dauphin and Perry County Comprehensive plans, TCRPC has actively sought to expand its regional environmental program throughout the year. The rise of the regional stormwater program has bolstered this effort, as water quality improvements related to stormwater management have the added benefit of improving riparian environment and habitat, therefore making proper stormwater management partially an environmental issue.

To help organize existing environmental data and studies, TCRPC staff has created an Environmental Resources website. It features current and past water quality data as well as data from the Dauphin and Perry County Return on Environment (ROE) studies. The website also has a page dedicated to the Countywide Action Plan (CAP), a template document from DEP that allows Pennsylvania counties to establish and implement their clean water goals.

As stormwater research and the overall environmental program continues to grow, the website will be used to track progress and featured new and improved data.

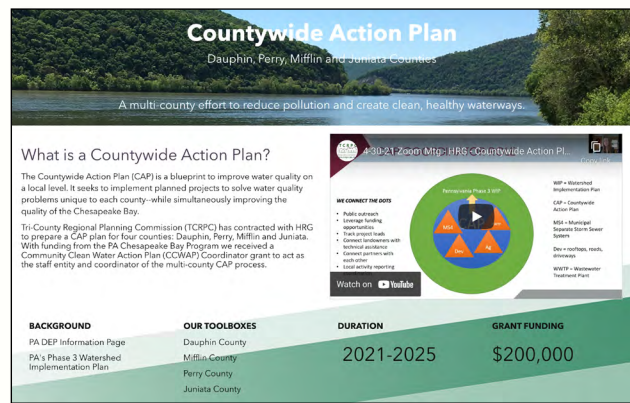
-- **Countywide Action Plans**

During 2020, TCRPC entered a memorandum of understanding with Juniata and Mifflin Counties to administer a grant to develop Countywide Action Plans (CAP) required as part of the Pennsylvania Department of Environmental Protection (PA DEP) Phase 3, watershed implementation program. While coordinated regionally through consultant open-end agreement, each County now has an individual plan prepared as a focused tool to implement on-the-ground projects to improve local creeks and streams, mitigate stormwater problems, lower flooding risks, and reach pollution reduction goals. Having completed the planning effort

in September 2021, TCRPC qualified for and received notice for approval of an implementation grant for about \$2M and will work to complete a series of implementation projects throughout 2022.

-- Building Activity Report

Each year since 1981 Tri-County Regional Planning Commission has published yearly County and municipal building permit information. Consolidated into a single report, it focuses on building permit activity and construction costs for residential, commercial and industrial development in the region. The information is shown in easily comparable tables, graphs and text. Subdivision and land development plan data is also included for the purpose of identifying potential development activity in relationship to Planned Growth Areas (PGAs), as delineated in the Regional Growth Management Plan. The data is important as it gives an indication of the growth patterns and trends occurring within the counties, is used in reports of countywide valuation, regional demographic/housing projections, and evaluating funding opportunities. It is a popular resource for developers as well.



Intergovernmental Reviews . . .

All applicants requesting federal and state grant funds are required to submit their application to a regional clearinghouse for review and comment. This review is to ensure the intended public investments are consistent with the regional goals, policies and direction of our Regional Growth Management Plan, share planning information, and to give opportunity for the public to comment.

Functioning as a designated clearinghouse agency, TCRPC reviewed 100 applications during 2021, totaling over \$98 million with the majority coming from state sources (\$50 million). The applicants for this funding were primarily local governments requesting land use consistency determinations and projects included community facilities, environmental, economic development, water/sewer/gas line system improvements, conservation, drainage and storm water management improvements, and parks and recreation.

Affiliate Data Center . . .

As an affiliate to the Pennsylvania State Data Center (SDC), TCRPC has free access to decennial and economic census data, American Community Survey data, US Department of Agriculture publications and data and other specialized publications of the SDC. TCRPC is obligated to disseminate, promote and assist potential data users including government, business, non-profits and private citizens. As the US Census Bureau continues to publish data, TCRPC will also use it in comprehensive plan updates, assist municipalities in data research, grant applications, transportation planning, and regional planning programs.



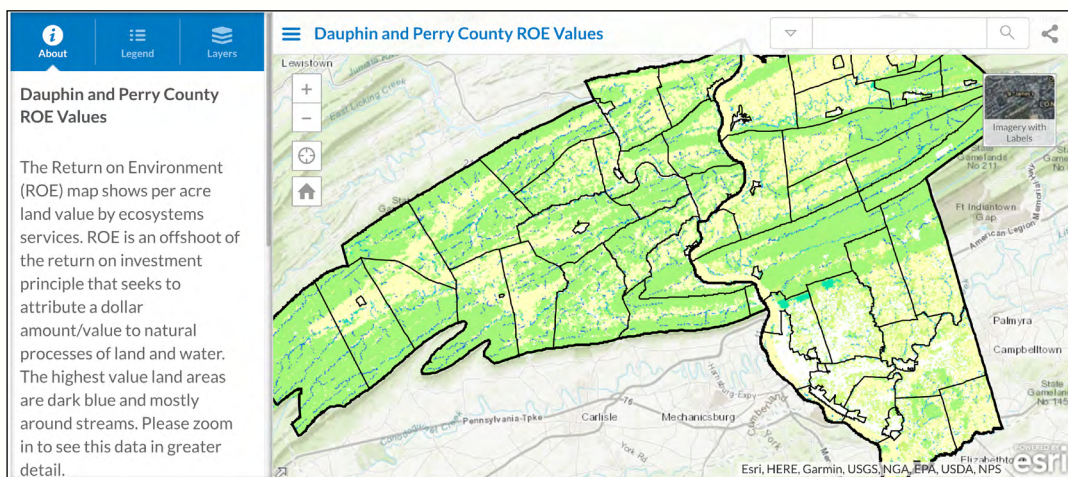
Geographic Information Systems . . .

GIS staff continued its foray into online mapping during 2021. ESRI products that feature online interfaces, including the new story map template, Experience Builder, Dashboards, and the ArcGIS Hub website builder, have all been used to display data and present various planning initiatives in an interactive, easy-to-use way.

Transportation planning staff have started to utilize open source GIS software for data analysis. For ingestion and storage of Waze for Cities data, planning staff are using PostGIS (spatially enabled SQL database). Through the Waze for Cities Partnership, the transportation staff is collecting approximately 1,300 data points related to congestion, vehicular accidents, and travel time per day throughout the region. This data can be used in conjunction with other travel time or safety data to make more reliable decisions for infrastructure spending. Transportation staff also utilized QGIS, an open-source cross-platform mapping software, for conducting analysis. These software platforms allow the staff to expand the analytical capabilities in terms of the processing tools and the quantity of data that can be processed to generate more reliable information for better informed decision-making.

Work has also continued with ArcGIS Desktop applications, by which the internal Environmental Resources application is managed. Besides the annual update of in-house GIS layers, other Desktop work includes in the following:

- Utilization of the Labor and Industry data for a variety of different GIS Projects throughout 2021
- Writing a Python script using a machine learning algorithm to analyze 2,800 aerial imagery tiles for Perry County. This script analyzed the percentage of “leaf-on” presence in the images and was ultimately used in the quality assurance for the imagery flight.
- Creating a regional ADA layer based on the TCRPC Sidewalk Inventory.
- Completing an update to the municipal zoning layer for Dauphin and Perry County.
- Completing an update to the municipal zoning overlay layer for Dauphin and Perry County.
- Updating the regional public sewer and public water service areas layer in preparation for the RGMP.
- Creating a layer representing the best possible locations for Electric Vehicle Charging Stations across the Tri-County Region.
- Creating a municipal future land use layer for in-house use.
- Creating a major roadway right of way layer
- Updating the cemetery layer converting it from points to polygonal.
- Creating a major railroad right-of-way layer.
- Creating a pipeline right-of-way layer.
- Creating an electric transmission right-of-way layer.
- Updates to the community facilities layer (Hospitals, Post Offices, Fire Houses, Police Stations, Library)
- Updates to the warehouse/distribution layer and converting it from point to polygonal.
- Creating maps for the latest Picture Perry Comprehensive Plan
- Drafting an interactive ArcGIS Hub website for the Picture Perry Comprehensive Plan
- Overseeing rolling updates to the Dauphin County Agricultural Easements database
- Updates to the CAT bus routes layer.
- Updates to the CAT bus stops layer.
- Updates to the Regional Transportation Plan GIS layers including project pipeline and environmental justice layers, as well as online interactive mapping application.



GIS example illustrating Return on Environment (ROE) data

Professional Development . . .

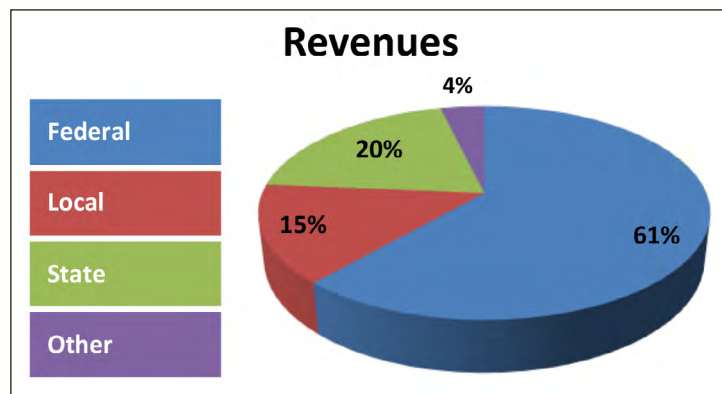
TCRPC staff logged over 100 hours of training to stay current in the field of planning, advance the delivery of our work program, and improve skills to be a resource for the region.

Administration & Finance . . .

Coordinated administration of the planning programs provided by TCRPC on an ongoing basis generates considerable cost savings for Dauphin and Perry Counties, which would otherwise be required to foot the bill for independently administered planning programs. This collective effort provides efficiencies in executing work tasks and prioritizes efforts in seizing opportunities for transformative and positive change.

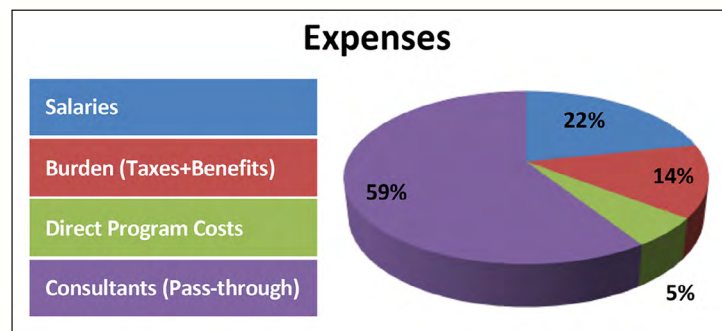
Administration activities by staff includes development of the Commission's work program and budget to support its implementation, monitoring program progress, preparing and submitting required applications and contract documents, fulfilling designated regional agency functions, as well as the day-to-day functions of managing staff and office facilities.

Tri-County Regional Planning Commission is committed to the proper and thoughtful use of public and private dollars entrusted to us for the betterment of the region. The illustrations [below] summarize the finances of TCRPC during 2021, which encompass a total budget of \$3,862,102. "Pass-through" funding awarded directly to professional consultants for various planning projects through a competitive selection process included over half of the budget.



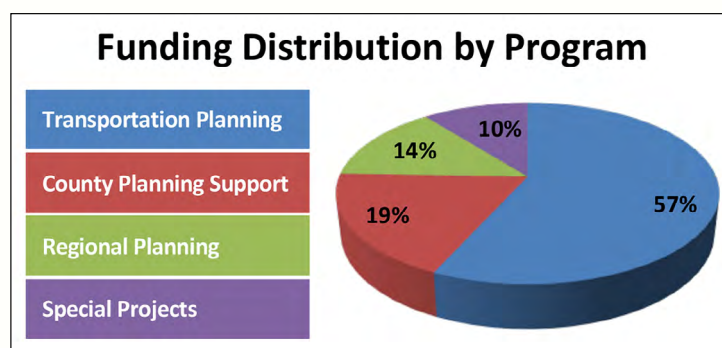
-- Revenues

Federal funding makes up over 60% of the revenue. State, local county and municipal funds contribute about 35% percent of TCRPC's operating revenues. Other contributions are comprised of subdivision and land development fees paid by developers, sponsorships and interest income, and generate the smallest portion of total revenues.



-- Expenses

The majority of the expenses involve "pass-through" funding, with labor and burden expenses directed to program delivery for transportation planning, regional planning and county planning support



making up 36% of expenditures. The remaining expenses are other direct costs for operations, facilities and equipment.

-- Funding Distribution By Program

Finally, the transportation program receives the greatest funding support (57%), while the 33% of the funding is directed toward county planning support and regional planning programs. Special projects cover the remaining 10% of program funding.

Complete details regarding TCRPC programs and expenditures are available in the annual audit report, which is completed by April 30 of each year and in monthly financial statements presented to the Commission.

Extending Our Outreach & Communication . . .

Given the large number of planning issues and challenges, it is critical that TCRPC effectively communicate with municipalities and stakeholder organizations in an effort to establish partnerships by addressing key issues.

-- Partnerships

The regional planning program builds upon the message of sustainability (fiscal and environmental) to underscore our connections within the region and with other regions. Emphasis areas are defined by the RGMP, ongoing TCRPC representatives' input, the regional transportation program, and long-term emerging regional trends and demographic indicators. To that end, TCRPC staff participates in a variety of regional and statewide committees and task forces, and coordinates with other organizations including:

- Capital Region Economic Development Corporation (CREDC)
- Dauphin County Economic Development Corporation (DCEDC)
- Chambers of Commerce – Harrisburg, Hispanic
- Susquehanna Regional Transportation Partnership (SRTP)
- Capital Area Transit (CAT) and other transit authorities
- PennDOT, multiple committees
- PA DCNR, County Conservation Districts, Appalachian Trail Conservancy, Kittatinny Ridge, Manada Conservancy, RC&D, Susquehanna River Basin Commission and similar organizations
- PA Historical and Museum Commission
- PA DEP, PA Rural Water Association
- Councils of Government, PA Boroughs Association, counties and municipalities reaching to regions beyond south central PA
- Emergency Management Agencies – FEMA, PEMA, Dauphin County and Perry County



MANADA
CONSERVANCY

EMA, Dauphin, Perry and Cumberland Counties Local Emergency Planning Committee (LEPC)

- Tri-County Community Action and Tri-County Housing Development Corporation
- Homebuilders/Real Estate organizations
- Utilities – Capital Region Water, UGI Utilities, Sunoco Logistics, PA American Water
- Human service and health care organizations – Pinnacle Health, Hershey Med Center, PA Departments of Health and Aging, United Way of the Capital Region
- Educational organizations – Harrisburg University, Shippensburg University, Widener Law School, and public library systems
- Financial/Investment

-- Outreach

Public outreach and education are key components to successful planning and decision making. Without meaningful public involvement, there is a risk of making poor decisions, or decisions that could have unintended negative consequences. While complete consensus is rare, public outreach and education may bring understanding and dialogue to planning studies and complex issues. Citizens (residents, business people, and property owners) need and deserve ongoing communication regarding projects and issues that affect their community. To this end, TCRPC continually seeks new ways to involve people in our planning process. During 2020, TCRPC shifted to a virtual approach to outreach, using the Zoom platform, to provide safe communication opportunities during the pandemic.

NEWSLETTER —

The TCRPC Newsletter is published every winter, spring, summer and fall. It's sent to nearly 3,900 contacts throughout the Tri-County region and South Central Pennsylvania, including municipal and county officials, planning commissions, engineers, architects, developers, consultants, public authorities, non-profits, and state agencies.

Its content includes all the latest land use and transportation planning news for the region as well as education and training opportunities, events of interest to municipal planners and officials, plus a regular column from our Executive Director Steve Deck.

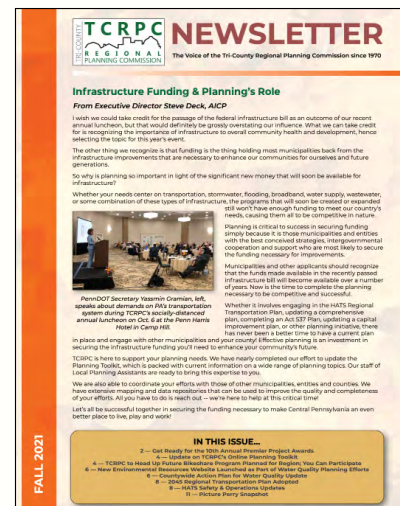
OTHER OUTREACH —

TCRPC supported the public outreach efforts of the Pennsylvania Historical and Museum Commission (PHMC) relating to work assessing potential flood-related impacts to historic resources. We specifically coordinated public outreach meetings via Zoom for both the Harrisburg and Blain areas, both of which were focal points for the work completed by PHMC.

TCRPC also completed extensive outreach on water quality, stormwater, and flooding issues throughout 2021, mostly focused on the Countywide Action Plan (CAP) effort. Outreach to municipalities, watershed organizations, and other stakeholders were involved in this effort. These outreach efforts are expected to continue throughout the implementation phase of the CAP.

-- Education & Training

TCRPC works diligently to promote a culture of collaboration with an understanding and appreciation of planning and how it can be used as a tool to empower the region's municipalities. Education and training sessions are one way the commission shares its resources with the public and municipal leaders.



LUNCH & LEARNS —

The Commission offered seven sessions through its “Lunch and Learn” program partnership with Penn State Extension in 2021. These webinars offered in TCRPC’s Harrisburg office and distributed recordings covered diverse issues like active transportation, affordable housing, pedestrian safety, and COVID impacts on zoning and planning.



PMPEI —

The Commission continues to partner with the Pennsylvania State Association of Boroughs and the Pennsylvania Municipal Planning Education Institute (PMPEI). Due to the ongoing impacts of COVID-19, courses remained virtual, with a new Managing the Subdivision Review Process course added to the existing offerings. In 2021, TCRPC sponsored four courses, two in the Spring and two in the Fall. In each of those periods, The Limits of Zoning and Managing the Subdivision Review Process were offered. Across the four courses, a total of 114 people attended.



ANNUAL LUNCHEON —

Over 100 people attended TCRPC’s 2021 Annual Luncheon on October 6 at the Penn Harris Hotel in Camp Hill. The event featured three speakers: offered the latest information on PA’s efforts to address broadband challenges; PennDOT Secretary Yassmin Gramian addressed the ever-increasing demands on Pennsylvania’s transportation system; and Keynote Speaker Michael Shapiro, Dep. Asst. Sec. for Economic Policy at USDOT, offered the latest on the federal infrastructure program in a remote presentation.



DCED Senior Director of Corporate Relations Sheri Collins speaks at TCRPC’s 2021 Annual Luncheon

-- Communications

TCRPC is committed to keeping the community, commission members, elected leaders and partner organizations informed about its activities and programs. In a spirit of transparency and collaboration, TCRPC continued its work of expanding its public presence and increasing its communications efforts in 2021 despite the pandemic.

WEBSITE —

TCRPC currently operates three websites. Overall user sessions on the three sites jumped 40 percent, from 34,366 in 2020 to 48,255 in 2021. The sites saw a decrease in overall users, however, from 35,194 in 2020 to 31,521 in 2021, a drop of 10 percent. The decrease is mainly attributable to a drop in users on the Regional Transportation Plan (RTP) site; however, the number of sessions on the RTP site increased significantly, suggesting repeat visits by users. Additionally, users on the TCRPC and Dauphin County Comprehensive Plan websites both

increased, and the average daily users on the RTP site continue to top those of the TCRPC site.

The stats for each site were as follows:

- **TCRPC-PA.ORG:** Total users went from 13,277 in 2020 to 13,636 in 2021, an increase of 3%, with 37 average daily users. User sessions went from 19,175 in 2020 to 21,291 in 2021, an increase of 11%.
- **DAUPHINCOUNTYCOMPPLAN.ORG:** Total users went from 1,802 in 2020 to 2,052 in 2021, an increase of 14%, with 6 average daily users. User sessions went from 2,207 in 2020 to 2,462 in 2021, an increase of 12%.
- **HATSREGIONALTRANSPORTATIONPLAN.ORG:** Total users went from 20,115 in 2020 to 15,833 in 2021, a decrease of 21%, with 43 average daily users. User sessions jumped from 12,984 in 2020 to 24,502 in 2021, an increase of 89%.

MEDIA COVERAGE —

TCRPC was mentioned in or contributed to 21 news stories in 2021. The stories appeared in a variety of media outlets, including: ABC27News, *Carlisle Sentinel*, *Chambersburg Public Opinion*, *Cumberlink*, *Fox43*, *Herald-Mail*, *LebTown*, *Newville Valley Times Star*, *northcentralpa.com*, *PennLive*, *Pennsylvania News Today*, *Perry County Times*, and *TheBurg*.

SOCIAL MEDIA —

TCRPC's social media presence on Twitter, Facebook and LinkedIn came to 326,690 total impressions in 2021, a decrease of 42% from 563,218 impressions in 2020. Average monthly impressions went from 46,935 in 2020 to 27,224 in 2021. Average daily impressions dropped from 1,543 in 2020 to 895 in 2021.



Moving Transportation Forward . . .

TCRPC provides staff support for the Metropolitan Planning Organization (MPO) for the Harrisburg region (Cumberland, Dauphin, and Perry Counties), known as Harrisburg Area Transportation Study (HATS). As such, TCRPC is responsible for the development and maintenance of the annual Unified Planning Work Program (UPWP), Regional Transportation Plan (RTP) and the Transportation Improvement Program (TIP).



South Hanover Street Bridge at Swatara Creek Park, South Hanover Township

These activities involve an ongoing process of planning, data collection and analysis, as well as project development activities for projects under design or construction. The RTP is a compilation of background data and includes key recommendations and performance measures to inform investment decisions.

Please see the HATS section for details regarding 2021 transportation program accomplishments.

Dauphin County Planning Commission

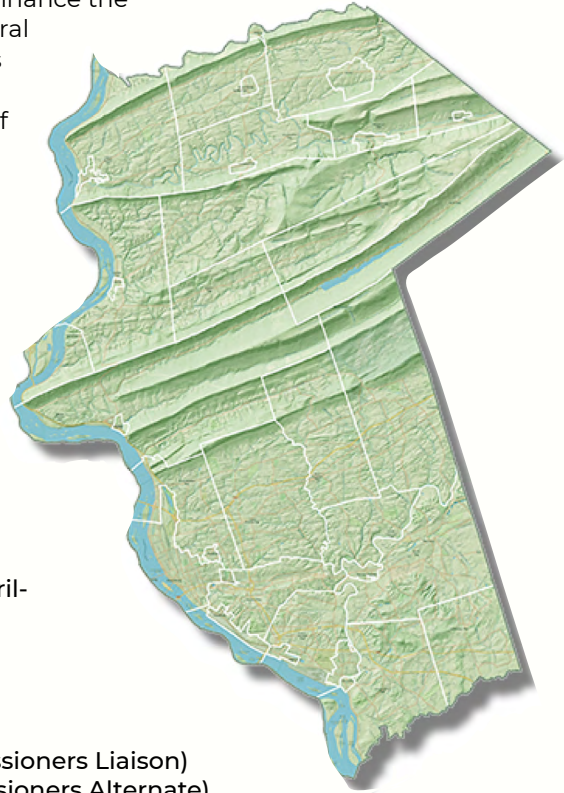
Dauphin County Planning Commission Mission Statement . . .

The mission of the Dauphin County Planning Commission is to guide, coordinate and promote the wise and orderly use of land and resources in order to facilitate the growth of the local economy, enhance the quality of life and preserve the natural environment by meeting the needs of the county's present population without compromising the needs of future generations.

The Dauphin County Planning Commission functions to fulfill the obligations under the Pennsylvania Municipalities Planning Code (MPC).

-- 2021 Membership

- Chairman: Chris Abruzzo
- Vice Chair: Mary Gaiski
- Secretary: Josh First
- Treasurer: Keith Oellig*
- Treasurer: Gary E. Lenker (April-December)
- Jonathan Bowser
- John Kerschner, AICP
- Robert Spandler
- Daniel Tunnell
- Chad Saylor (County Commissioners Liaison)
- Fred Lighty (County Commissioners Alternate)



The commission holds meetings the first Monday of every month, except holidays, at 4 p.m. on the second floor of the Dauphin County Veterans Memorial Building.

*The Commission wishes to recognize the contribution of Keith Oellig, who passed away on March 5, 2021. Keith was a friend to the Commission and its members, and will be missed. As a strong advocate for the farming community, his insight on agriculture issues was invaluable.

Overall Goals . . .

- Encourage and support partnerships between governments, citizens, and private enterprises aimed at continuing to plan and build better communities;
- Implement TCRPC's Regional Growth Management Plan (RGMP) to focus new development in the vicinity of existing infrastructure and preserve natural, agricultural and historic lands, thereby maximizing previous public investments;
- Promote livable mixed-use neighborhoods with transportation choices and housing opportunities that meet the needs of all citizens, regardless of age, income, or family status.

Functions . . .

- Prepare, adopt, maintain, and implement the Dauphin County Comprehensive Plan;
- Carry out a public information program to promote widespread understanding, discussion, and participation in county and regional issues and problems;
- Provide technical planning assistance to municipalities enrolled in the Local Planning Assistance (LPA) program;
- Advise the Dauphin County Board of Commissioners on all matters relevant to the mission of the Dauphin County Planning Commission;
- Interface with county agencies and adjacent county planning agencies to enhance regional planning and cooperation;
- Provide advice, reviews, and recommendations to local officials concerning all matters relevant to local and regional planning;
- Serve as a community resource for information on planning and development-related matters and issues;
- Increase public understanding and support of planning and the planning process.



Subdivision & Land Development Administration . . .

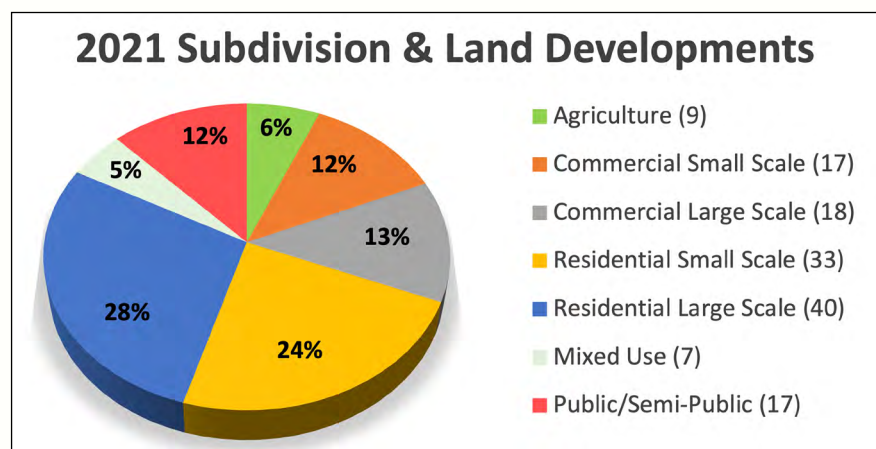
The MPC requires the Dauphin County Planning Commission to review all proposed subdivision and land development plans in Dauphin County.

The Planning Commission has the responsibility of approval/disapproval of subdivision and land development plans in the seven Dauphin County municipalities (see Table 10) that do not have their own subdivision and land development ordinance. In these municipalities, the Dauphin County Subdivision and Land Development Ordinance is applicable.

In municipalities that have their own subdivision and land development ordinance, the Planning Commission must review the plan and provide comments to the municipality. The Planning Commission is a recommending body, while the governing body is responsible for approval or disapproval of a subdivision or land development plan.

In 2021, the Planning Commission acted on 141 subdivision and land development plans (an increase over 116 plans reviewed in 2020). A total of 73 plans were residential plans, of which 40 (55%) were two or less new lots or residential unit developments. There were 35 commercial plans with 18 of those plans greater than 10,000 square feet of additional commercial building development. There were agriculture development plans which consisted of farm additions, silviculture, Concentrated Agricultural Farm Operations (CAFOs), and other agricultural uses. There were 17 Public/Semi-Public plans which included churches, community centers, schools or school-owned properties, and hospitals. There were also 7 plans designated as mixed-use -- a mix of residential and commercial areas that occupy the same building or development.

GRAPH 1



GRAPH 2

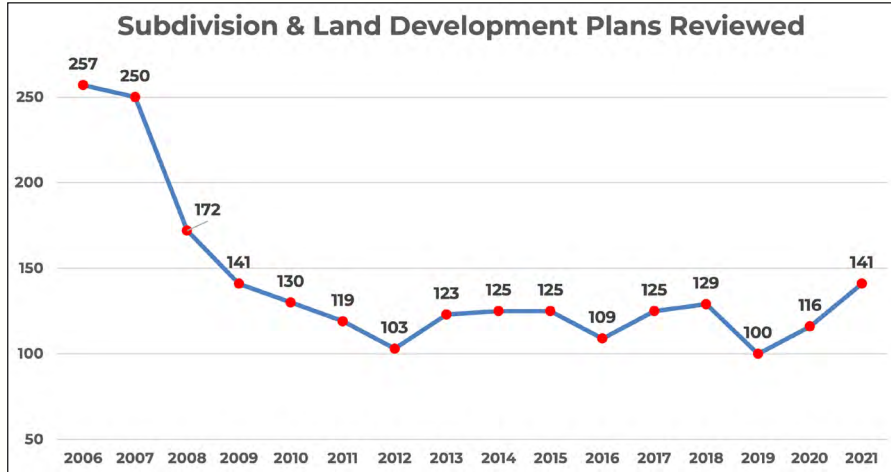


TABLE 1

NAME	# of Plans	# in CSA	%	Major Plans Total	# Major in CSA	% Major in CSA	CSA Exist within Mun.?
Conewago Twp	1	N/A	N/A	0	N/A	N/A	NO
Dauphin Boro	1	0	N/A	0	N/A	N/A	YES
Derry Twp	8	4	50.00%	5	2	40.0%	YES
East Hanover Twp	8	N/A	N/A	4	N/A	N/A	NO
Elizabethville Boro	1	1	100.00%	0	N/A	N/A	YES
Gratz Boro	1	1	100.00%	0	N/A	N/A	YES
Halifax Twp	5	1	20.00%	1	0	0.0%	YES
Harrisburg City	23	23	100.00%	16	16	100.0%	YES
Londonderry Twp	3	N/A	N/A	1	N/A	N/A	NO
Lower Paxton Twp	16	14	87.50%	10	10	100.0%	YES
Lower Swatara Twp	6	2	33.33%	3	1	33.3%	YES
Lykens Boro	1	1	100.00%	0	N/A	N/A	YES
Lykens Twp	6	N/A	N/A	2	N/A	N/A	NO
Middle Paxton Twp	3	N/A	N/A	0	N/A	N/A	NO
Middletown Boro	3	3	100.00%	1	1	100.0%	YES
Mifflin Twp	6	N/A	N/A	1	N/A	N/A	NO
Millersburg Boro	1	1	100.00%	0	N/A	N/A	YES
Reed Township	1	N/A	N/A	0	N/A	N/A	NO
South Hanover Twp	3	1	33.33%	1	0	0.0%	YES
Steelton Boro	1	1	100.00%	0	N/A	N/A	YES
Susquehanna Twp	10	10	100.00%	6	6	100.0%	YES
Swatara Twp	8	8	100.00%	5	5	100.0%	YES
Upper Paxton Twp	10	1	10.00%	3	0	0.0%	YES
Washington Twp	3	1	33.33%	1	1	100.0%	YES
Wayne Twp	1	N/A	N/A	0	N/A	N/A	NO
West Hanover Twp	11	1	9.09%	5	1	50.0%	YES
Total	141	74	52.48%	65	43	66.15%	

Note: Major Residential - more than 2 new units
Major Commercial - more than 10,000 sq ft building development

Note that plans designated as mixed-use are their own category and are not included within the numbers for residential or commercial development.

Map 1 indicates the subdivision and land development plan locations and Community Service Areas (CSAs) where public services were available when the Dauphin County Comprehensive Plan was adopted. The map further depicts the locations of the small scale and larger scale commercial and residential developments.

Tracking where development is occurring can be an indicator of how future infrastructure is sited. The CSAs defined in the RGMP are areas in the county that currently have infrastructure to support current development as well as growth. In 2021, 52.5 percent of all the subdivision and land development plans occurred inside of these areas. This percentage is slightly less than 2020, which had 56 percent of the development occurring within the CSA.

It should be noted that there were significantly more plans up for review in 2021 (141) compared to 2020 (116) and that 2021 had 74 plans within the CSA compared to last year's 65. While not a direct percentage match, it appears that overall development within in the CSA is relatively consistent, if a bit lower, from 2020 to 2021.

An encouraging sign is the larger developments are still occurring somewhat more frequently within the CSA. In 2020, 28 of the 41 large scale plans (68%) were located within the CSA boundaries. In 2021, 43 of the 65 (66%) are located within the CSA boundaries.

The RGMP and the Dauphin County Comprehensive Plan encourages development to locate where current infrastructure exists. Developments locating in the CSAs is in conformance with this goal. Tables are included that indicate the development by municipality within the CSA and the Planned Growth Area (PGA).

TCRPC and the Dauphin County Planning Commission will track the changes to both the location of the subdivision and land development activity in relation to the boundaries of the CSAs.

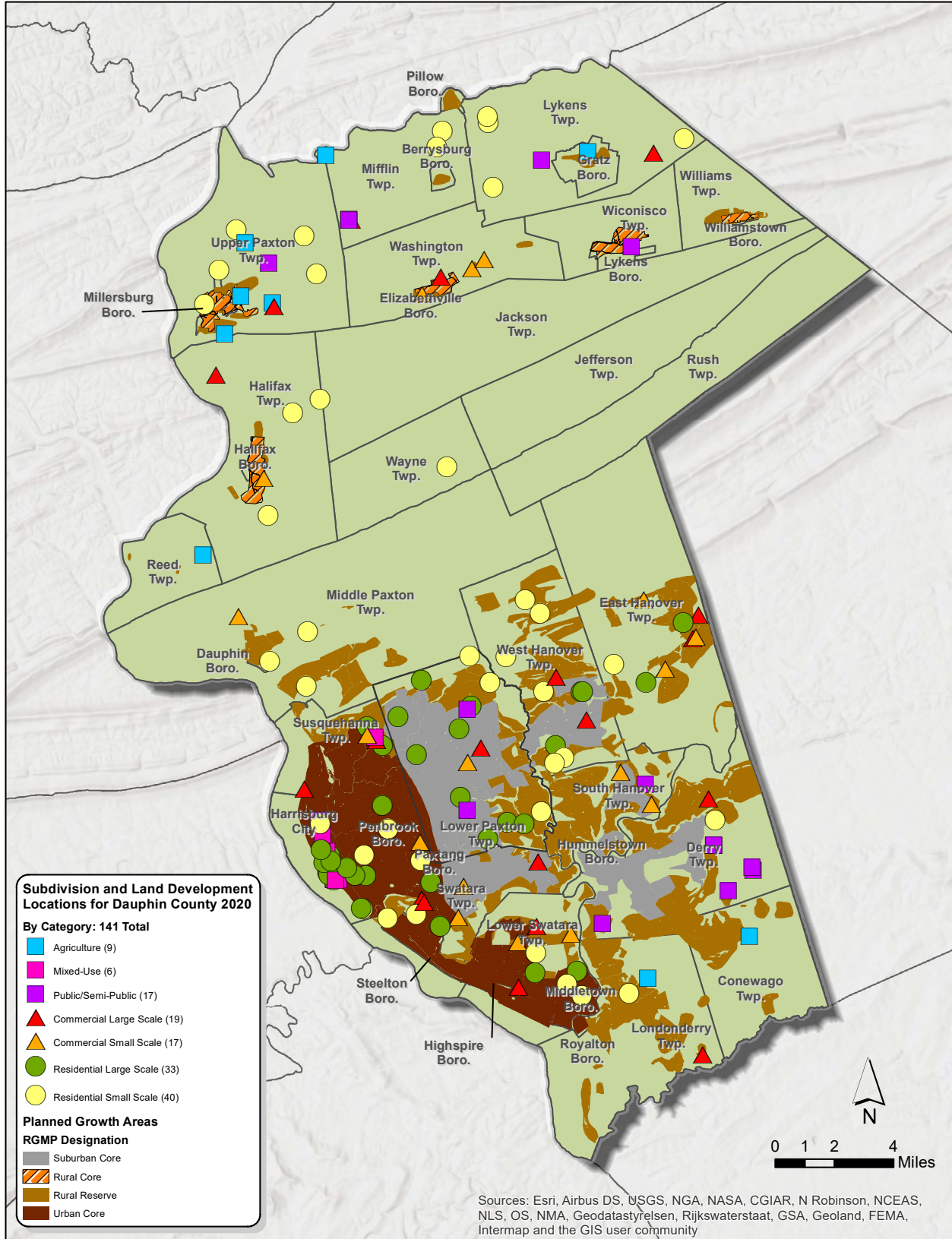
TABLE 2

PLANS IN THE CSA			
Year	In CSA	Total	Percent
2009	68	141	48.2%
2010	57	130	43.8%
2011	58	119	48.7%
2012	66	103	64.1%
2013	68	123	55.3%
2014	62	125	49.6%
2015	66	125	52.8%
2016	53	109	48.6%
2017	64	125	51.2%
2018	76	129	58.9%
2019	56	100	56.0%
2020	65	116	56.0%
2021	74	141	52.5%

TABLE 3

S&LD Locations in Planned Growth Area by Municipality 2021							
NAME	# of Plans	# in Growth Area	%	Major Plans Total	# Major in PGA	% Major in PGA	Planned Growth Area Category
Conewago Twp	1	0	0.0%	0	N/A	N/A	Rural Reserve
Dauphin Boro	1	0	0.0%	0	N/A	N/A	Rural Reserve
Derry Twp	8	3	37.5%	5	1	20.0%	Suburban Core, Rural Reserve
East Hanover Twp	8	4	50.0%	4	2	50.0%	Rural Reserve
Elizabethville Boro	1	1	100.0%	0	N/A	N/A	Rural Core, Rural Reserve
Gratz Boro	1	1	100.0%	0	N/A	N/A	Rural Reserve
Halifax Twp	5	1	20.0%	1	0	0.0%	Rural Reserve, Rural Core
Harrisburg City	23	23	100.0%	16	16	100.0%	Urban Core
Londonderry Twp	3	1	33.3%	1	1	100.0%	Rural Reserve
Lower Paxton Twp	16	13	81.3%	10	8	80.0%	Urban Core, Suburban Core
Lower Swatara Twp	6	5	83.3%	3	3	100.0%	Urban Core, Rural Reserve
Lykens Boro	1	1	100%	0	N/A	N/A	Rural Core, Rural Reserve
Lykens Twp	6	N/A	N/A	2	N/A	N/A	None Exist
Middle Paxton Twp	3	1	33.3%	0	N/A	N/A	Rural Reserve
Middletown Boro	3	3	100.0%	1	1	100.0%	Urban Core
Mifflin Twp	6	N/A	N/A	1	N/A	N/A	None Exist
Millersburg Boro	1	1	100%	0	N/A	N/A	Rural Core, Rural Reserve
Reed Twp	1	N/A	N/A	0	N/A	N/A	None Exist
South Hanover Twp	3	2	66.7%	1	0	0.0%	Suburban Core, Rural Reserve
Steelton Boro	1	1	100.0%	0	N/A	N/A	Urban Core
Susquehanna Twp	10	10	100.0%	6	6	100.0%	Urban Core, Rural Reserve
Swatara Twp	8	8	100.0%	5	5	100.0%	Urban Core, Suburban Core, Rural Reserve
Upper Paxton Twp	10	1	0.0%	3	0	0.0%	Rural Reserve
Washington Twp	3	1	33.3%	1	0	0.0%	Rural Core
Wayne Twp	1	N/A	N/A	0	N/A	N/A	None Exist
West Hanover Twp	11	10	90.9%	5	5	100.0%	Suburban Core, Rural Reserve
Total	141	91	64.54%	65	48	73.85%	
Note: Major Residential - more than 2 new units							
Major Commercial - more than 10,000 sq ft building development							

MAP 1 - 2020 SUBDIVISION & LAND DEVELOPMENT LOCATIONS



Development Activity . . .

-- Residential Development:

The following identifies the major residential subdivision and/or land development applications (20 or more lots/dwellings) reviewed or acted upon by the Dauphin County Planning Commission during the 2021 calendar year.

-- Commercial & Industrial Development:

There were 35 commercial and industrial development activities in the county in 2021. New development included the building of new businesses, but also the expansion of existing businesses. Of the 35 development applications, 18 consisted of plans with building construction over 10,000 square feet. Of the 18 larger plans, 7 were greater than 100,000 square feet in size. The largest development, Grantville-Hanover Logistics I & II in East Hanover Township is approximately 1,122,931 square feet in size. The high percentage of larger plans shows the business sector continues to develop within Dauphin County, with the larger plans in warehouse and distribution related businesses.

RESIDENTIAL DEVELOPMENT							
Municipality	Development	# Lots	# DUs	Acres	Sq. Ft.	Stage	
Dauphin Borough/Middle Paxton Township	Hillside Subdivision	3	0	0	0	F	
Derry Township	323 East Areba Avenue	2	0	0	0	PF	
East Hanover Township	Kassman Subdivision	2	0	0	0	F	
	Grantville Commons	150	0	0	0	PF	
	Tyndale Property Tax Parcel 25-017-250	4	0	0	0	PF	
Halifax Township	Randy Allen & Candy E. Paul & Sandra K. Bowman	2	1	0	0	F	
	Ronald & Phyllis J. McCleaf	1	0	0	0	F	
	David W. & Jo Etta Miller	1	1	0	0	F	
Harrisburg City	North 6th Street Lofts	3	0	0	0	PF	
	260 Boas Street	0	8	0	0	PF	
	1605-1609 Swatara Street	3	3	0	0	PF	
	130 State Street	0	5	0	0	PF	
	321 N. Front Street	0	6	0	0	PF	
	25 North Front Street	0	8	0	0	PF	
	1103 South Front Street	2	0	0	0	PF	
	The Lofts in Midtown	0	16	0	0	P	
	Hummel Street Townhomes	6	6	0	0	PF	
	1828, 1834, & 1836 Walnut St.	1	0	0	0	F	
	28-38 North Cameron Street	2	6	0	0	PF	
	Veterans Outreach of Pennsylvania Tiny Home Community	1	16	0	0	PF	
	Bethel Village	1	0	0	0	PF	
	Capital Heights Lot Consolidation	9	40	0	0	PF	
	2463 Jefferson Street	1	0	0	0	PF	
	Londonderry Township	100 Roundtop Road for Luis A. Rodriguez & Stephanie D. Watts	1	0	0	0	F
	Lower Paxton Township	The Estates of Union Deposit	9	9	0	0	PF
Blue Ridge Village - Phase 2		42	115	0	0	F	
Janet Smith Estate		2	0	0	0	PF	
Stray Winds Farm - Phase 9C		14	13	0	0	F	
D & F Ventures, LLC		2	0	0	0	F	
The Estates at Autumn Oaks Phase III		20	19	0	0	F	
Wynchase III		2	21	0	0	PF	
Copperstone/Union Deposit Subdivision		2	0	0	0	PF	
The Meadows at Colonial Club		22	19	0	0	PF	
Lyters Lane		22	0	0	0	PF	
Lower Swatara Township	Huntleigh Phases 2-5	83	81	0	0	F	
	Kepler Property Blackberry Lane	4	3	0	0	PF	
Lykens Township	Kinsley Residential Development	103	0	0	0	P	
	Jordan Pulgar	4	0	0	4800		
	Vernon L. Gessner	1	0	0	0	F	
Middle Paxton Township	Raymond L. & Amanda R. and Benuel S. King	0	0	0	2400	F	
	James E. & Sharon L. Troutman	2	0	0	0	F	
	Reuben K. & Aarie A. Kauffman	0	1	0	0	F	
Middletown Borough	Miriello Subdivision	1	0	0	0	PF	
	Kenneth M. & Mary K. Clemens	2	0	0	0	F	
Mifflin Township	David N. Obenstine, IV	0	0	0	1988	F	
	Woodland Hills - Phase 4, 5 & 7	130	130	0	0	F	
	Thomas F. & Susan M. Coble	2	0	0	0	PF	
Millersburg Borough	Fredrick T., Barbara J., & Benjamin D. Minchhoff & Stephen W. & Nancy N. Kolva	3	0	0	0	F	
	Donald E. Engle	1	0	0	0	F	
Steelton Borough	Charles W. Rennard	1	0	0	0	F	
Susquehanna Township	701 N. 3rd Street - Tract #1	3	0	0	0	PF	
	Terraces at Maplewood	1	236	0	0	PF	
	The Townes at Margaret's Grove, Phase 3A	0	26	0	0	F	
	Enclave at Elmerton	1	156	0	133225	PF	
	Coffman & Grossnickle	2	0	0	0	PF	
Swatara Township	217 N. 28th Street	2	1	0	0	F	
	Patricia A. Macut	2	0	0	0	F	
	Brandton Estates	4	3	0	0	PF	
	Capitol Manor	1	18	0	0	PF	
Upper Paxton Township	Steve J. & Mary E. Fisher	1	1	0	0	F	
	Joseph M. Steppy	1	1	0	0	F	
	Timothy T. & Cynthia A. Shiffer	0	0	0	0	F	
	Douglas A. Snyder & Kelly L. Frederick	1	0	0	0	F	
Wayne Township	Kutt-A-Way LP, George S. & Tamra M. Kotkiewicz & Barbara G. Kotkiewicz Estate	2	0	0	0	F	
West Hanover Township	The Wells Farm	1	0	0	0	F	
	The Townes at Briar Creek	3	91	0	0	P	
	Heritage Estates	5	0	0	0	F	
	1548 Picketown Road	3	0	0	0	F	
	Christopher and Tabitha Semancik	2	0	0	0	F	
	Hoffman Subdivision	2	0	0	0	F	
	Briar Creek Phase I	1	0	0	0	F	
	Gary L. Herman, Jr.	2	0	0	0	F	
Kyle Wolfe	2	1	0	0	F		

Note that the Mixed-Use category also includes areas of commercial development, more often than not paired with accompanying residential development. There were 7 plans designated as Mixed-Use in 2021. Examples of Mixed-Use development that feature significant commercial portions are the Susquehanna Union Green project in Susquehanna Township, a mix of multifamily, single family, and commercial buildings and the Harrisburg Towers project in Harrisburg City, which includes approximately 85 dwelling units, a commercial building, and an associated parking garage.

COMMERCIAL/INDUSTRIAL						
Municipality	Development	# Lots	# DUs	Acres	Sq. Ft.	Stage
Derry Township	Troegs Independent Brewing	1	0	0	13500	PF
East Hanover Township	J&S Fabrication	0	0	0	7200	PF
	Grantville - Hanover Logistics 1&2	2	0	0	1122931	PF
	Grantville Dollar General	1	0	0	10793	PF
	Bonawitz Real Estate- 9821 Jonestown Rd	1	0	0	0	PF
	Manada Golf Cart Barn	1	0	0	0	F
Eliabethville Borough	TCS Enterprises, LLC.	0	0	0	0	PF
Halifax Township	DDGJ LLC	0	0	0	0	F
	Hornung's True Value, Inc.	0	0	0	8000	F
Londonderry Township	Railing - Rt. 230 East Warehouse	1	0	0	0	PF
Lower Paxton Township	New 1-Story CDJR Service Building	1	0	0	19717	PF
	Mister Car Wash - Harrisburg, PA	1	0	0	5443	PF
Lower Swatara Township	LD Plan - FedEx	0	0	0	303000	PF
	Furniture First, LLC.	1	0	0	0	PF
	Jednota South Lot Warehouse	2	0	0	418000	PF
	Proposed Development Lot 5	1	0	0	32000	PF
Lykens Township	MK Enterprises LLC	0	0	0	0	F
Middle Paxton Township	111 Partners LLC	1	0	0	0	PF
Mifflin Township	Thermo Fisher Land Dev.	0	0	0	114825	PF
South Hanover Township	Cedar-Hershey LLC	2	0	0	0	F
	Crossings at Hershey	2	0	0	0	PF
Susquehanna Township	3405 and 3401 N. Front Street	1	0	0	12000	F
	Tommy Car Wash System	1	0	0	0	PF
	Blue Mountain Commons	0	0	0	0	PF
Swatara Township	PDC Property Holdings - Proposed Office Building	0	0	0	5789	PF
	900 Eisenhower Boulevard	1	0	0	0	PF
	Harrisburg Dollar General Store	1	0	0	0	P
	Stayapt Suites	1	0	0	16259	PF
	Paxton Street Terminals Corp.	2	0	0	0	F
Upper Paxton Township	KTBA Enterprises, Inc.	0	1	0	100000	F
Washington Township	Integrative Green Solutions, Inc.	0	0	0	30465	PF
	Taco Bell - Charter Foods	0	0	0	2550	PF
	Double L Rentals, LLC	0	0	0	1690	F
West Hanover Township	Dollar General	1	0	0	10640	PF
	7476/7600 Linglestown Road Warehouse	2	0	0	1117200	F

MIXED-USE						
Municipality	Development	# Lots	# DUs	Acres	Sq. Ft.	Stage
Harrisburg City	The Coronet @ South Second Street	0	12	0	0	PF
	Renovations to the Carpets and Draperies Building	0	5	0	2975	P
	Harrisburg Towers	1	0	0	42000	PF
	112 Market - Mixed Use Commercial Office Building	0	35	0	0	PF
	Atlas Building/The Hudson Building	1	6	0	21000	PF
Susquehanna Township	Susquehanna Union Green	0	0	0	15000	F
	Susquehanna Union Green	1	0	0	0	PF

-- Public/Semi-Public & Agricultural Development:

In 2021, there were several developments that were completed by governmental, nonprofit or social organizations. There were 17 public/semi-public developments. Of the 17 plans, five were over 10,000 square feet. There were nine agricultural developments.

There were 17 Public/Semi-Public plans which included churches, community centers, schools or school-owned properties, and hospitals.

PUBLIC/SEMI-PUBLIC						
Municipality	Development	# Lots	# DUs	Acres	Sq. Ft.	Stage
Susquehanna Township	Dennis L. and Karen M. Burd	2	0	0	0	PF
	Essential Employee Dwellings - Main Campus	0	20	22960	22960	F
	Essential Employee Dwellings - Main Campus - Revised Plan	0	10	11480	11480	F
	Hershey Trust Company (McCorkel Rd/Fishburn Rd)	2	0	0	0	PF
	Catherine Hershey School for Early Learning	3	0	41325	41325	PF
	Catherine Hershey School For Early Learning - Revised Plan	3	0	41325	41325	PF
Harrisburg City	McCormick Riverfront Library Improvements	1	0	0	0	PF
	Parking Area for Susquehanna Art Museum	2	0	0	0	PF
	Teamsters Local Union #776	1	0	0	0	PF
Lower Paxton Township	Additions and Renovations Infinity Charter School	0	0	0	0	PF
	Linglestown Fire Company	2	0	0	4000	PF
Lykens Borough	Race Street Garage Building	1	0	7200	7200	PF
Lykens Township	Emmanuel Wesleyan Church	0	0	0	0	F
Mifflin Township	Gideon R. & Sylvia E. Stoltzfus	2	0	0	0	F
	Advanced Scientifics, Inc.	2	0	0	0	F
South Hanover Township	Essential Employee Dwellings - Legacy Campus	0	20	0	0	F
Upper Paxton Township	David's Community Bible Church	0	0	13776	13776	F

AGRICULTURAL							
Municipality	Development	# Lots	Total Acres	# DUs	Acres	Sq. Ft.	Stage
Conewago Township	Gregory S. Hill and Shirley L. & Marvin M. Weaver	2	150.16	0	0	0	F
Gratz Borough	Melvin S. Zook	0	0	0	5000	0	F
Londonderry Township	Wilma L. Wenger & Gerald D. Espenshade	2	43.01	0	0	0	PF
Mifflin Township	Robert & Joan Faust Sr.	2	72.61	0	0	0	P
Reed Township	Jeffrey W. & Glenda K. Peary	1	14.46	0	0	0	PF
Upper Paxton Township	Vance C. & Patricia A. Miller	1	39.08	0	0	0	F
	Smucker's Greenhouse	0	0	0	0	38700	F
	David A. & Pamela S. Troutman	0	13.88	0	0	0	F
	Joel J. & Martha Stoltzfus	1	25.85	0	0	0	F

Local Planning Assistance Program . . .

-- Overview

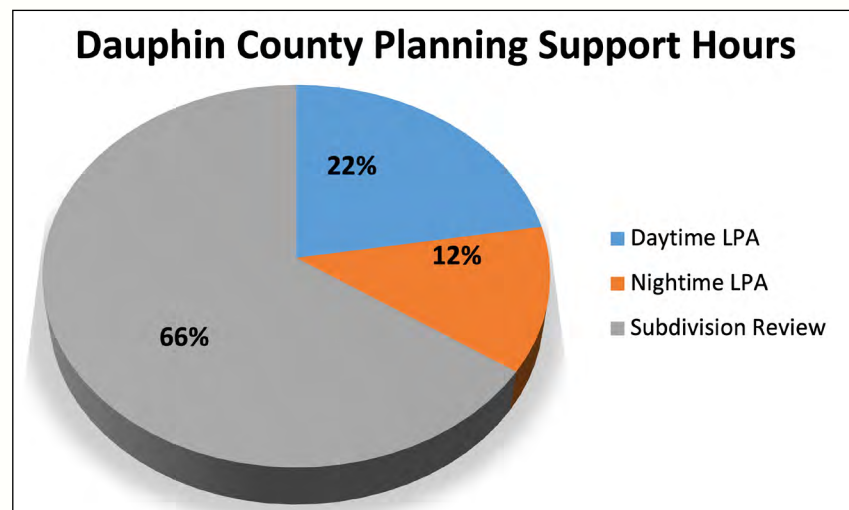
In 2021, the Local Planning Assistance (LPA) program provided support to municipalities by offering a wide range of planning services, including: attending night meetings; Geographic Information Systems (GIS) mapping and analysis; researching and drafting issue-oriented ordinance work; municipal data and statistics;

comprehensive plan review and recommendations for revisions; advice on transportation planning and programming; updates on county and regional planning activities; and research on current planning topics or techniques. All 40 of Dauphin County's municipalities are included in the program, which is made possible by the county commissioners.

In total, over 969 hours of staff time were dedicated to these activities.

The breakdown of the hours spent in 2020 are as follows:

- Daytime LPA: 216.5 hours;
- Nighttime LPA: 119 hours;
- Subdivision reviews: 633.5 hours.



-- Project Highlights

Although many of the meetings held with municipalities were held via an online format, the staff was LPA Program included work with municipalities on a variety of projects. Highlights of this year's program include:

- Reviewed and completed research on mobile home / manufacture home development provisions for Londonderry Township;
- Reviewed the procedures for development of a downtown improvement district with Millersburg Borough;
- Assisted Washington Township with review of possible zoning amendments, including

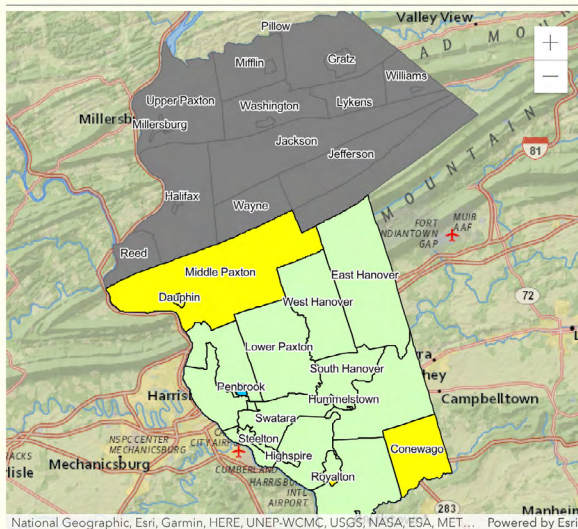
- development of new, mixed use, and modified village use development districts;
- Assisted with review and research of steep slope ordinance for Derry Township;
- Advised Londonderry Township on the completion of a new comprehensive plan. Work also included the development of an online portal for a community survey and serving on an ad hoc committee;
- Completed research for South Hanover Township on modifications to their ordinances regarding allowance of emergency management agencies to review land development plans, parking in front yard regulations, fencing, open space cluster requirements, postal cluster locations, and fire protection services in rural areas;
- Assisted Susquehanna Township with updates to its Subdivision / Land Development ordinance and zoning ordinance;
- Completed research for Swatara Township for in-home occupation regulations, implementing compatibility design standards, parking requirements for RVs and boats, open space development standards, TNDs, and parking standards;
- Was part of consultant selection process for Steelton Borough Comprehensive Plan update;
- Prepared and helped with the adoption of a large scale solar facilities ordinance in Upper Paxton Township;
- Provided information regarding procedures for County Zoning amendments to Conewago Township;
- Assisted Elizabethville Borough with research on public right of ways, lot development requirements, and front yard setback regulations;
- Assisted in the review of the Derry Township pollution reduction plan;
- Completed trail mapping for South Hanover Township;
- Completed RACP grant mapping for the City of Harrisburg.

MAP 2 - EXAMPLE OF GIS MAPPING SERVICES

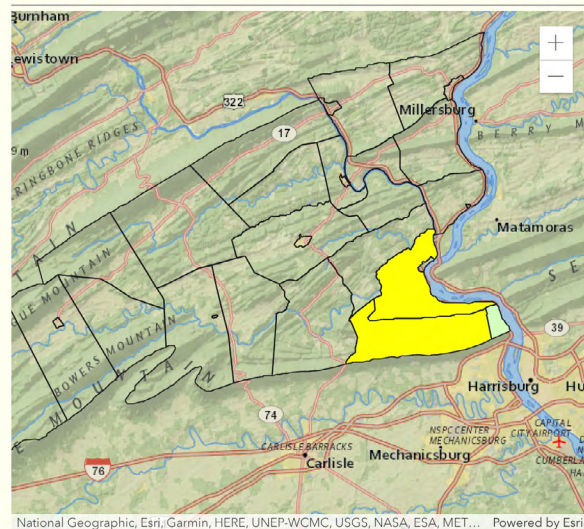
Municipal Separate Storm Sewers (MS4)

Of the four counties, only Dauphin and Perry currently have municipalities designated as **MS4**. This municipal-level program requires individual municipalities to identify and implement water quality projects within their own borders. The maps below show the municipalities with MS4 requirements in Dauphin and Perry. Note that the more developed areas of Dauphin County (the south) have MS4 designations while the northern portion of the county, mostly rural/agriculture, do not. Likewise, the Borough of Marysville in Perry County, close the Dauphin and Cumberland border, is the only MS4 designation.

Dauphin County MS4 Municipalities



Perry County MS4 Municipalities



Sewage Module Reviews . . .

In 2021, the Dauphin County Planning Commission reviewed and commented on 10 sewage modules for multiple municipalities. The consistent number of reviews coming in indicates that there is development occurring throughout the county.

The appropriate component was completed and forwarded to the local municipalities and applicants as part of the sewage module package sent to the Pennsylvania Department of Environmental Protection (DEP) for approval.

A Sewage Facilities Planning Module is a package of documents that is prepared for the purpose of demonstrating that a new land development is in compliance with state environmental laws and regulations, with particular emphasis on ensuring that the long-term sewage disposal needs of the land development are met. Planning modules are completed for developments that will use on-site sewage disposal systems or sewage collection, conveyance and treatment systems. In some cases, planning modules are prepared to provide for the sewage needs of existing communities that have been determined to have substandard sewage disposal systems.

SEWER MODULE REVIEWS - 2021				
Municipality	Date of Review	Name	Lots	Acreege
East Hanover	9/21/21	Grantville Commons	157	63.00
	2/18/21	Grantville-Hanover Logistics 1 & 2	2	95.85
Halifax	9/24/21	Bowman Subdivision	2	117.00
Harrisburg City	9/10/21	Veterans Outreach of PA Tiny House Community	1	92.85
Londonderry	4/5/21	Wastewater Treatment Plant	1	N/A
Lower Paxton	4/19/21	Janet Smith Estate	2	3.73
	7/6/21	Wynchase III	2	3.85
	7/8/21	Meadows Car Wash	1	0.41
	9/10/21	Heroes Grove Phase 3		
Lykens Township	5/3/21	James and Sharon Troutman	2	2
Middle Paxton	9/2/21	Cori Hurley Subdivision	1	50
Mifflin	2/1/21	Thermo Fisher Scientific on Lot Septic SFPA	1	39.18
West Hanover	3/24/21	7317 Devonshire Heights Road	4	31.5
West Hanover	7/28/21	Heritage Estates	5	13.06

Local Ordinance Amendment & Review . . .

The MPC requires the commission to review and comment on proposed amendments to local zoning and subdivision and land development ordinances (SALDO). The following tables show the number of local ordinance reviews completed by the commission in 2021. The commission reviews the amendments based on consistency with other local ordinances, the Dauphin County Comprehensive Plan, RGMP and general planning theory.

Dauphin County currently has 12 municipalities without zoning and 6 without subdivision and land development ordinances. Municipalities with local zoning and subdivision ordinances are listed on the last page of this report. Several municipalities, including Susquehanna Township, are revising their ordinance in relation to their recently adopted Comprehensive Plans. Washington Township and Upper Paxton Township are also examining modifications to their zoning ordinances in order to allow for development that is in coordination with current development trends. The City of Harrisburg is examining methods to improve the development of affordable housing.

ZONING & SALDO ORDINANCE REVIEWS - 2021			
Municipality	Date of Review	Type	Recommendation
Conewago	8/2/21	Short-Term Rentals	Recommendation
Derry	2/1/21	Steep Slope Disturbance for Residential Structures*	Recommendation
	4/5/21	Steep Slope Disturbance Revisions	Recommendation
East Hanover	11/1/21	Draft Subdivision and Land Development Ordinance*	Recommendation
	11/1/21	Creekvale Zoning Amendment	Comments
	12/6/21	Draft Subdivision and Land Development Ordinance Revisions*	Recommendation
Gratz	10/4/21	Parcel ID 27-001-030 (R1-C1)	Comments
	10/4/21	Parcel ID 27-001-016 (R1-C1)	Comments
	10/4/21	Parcel ID 27-001-012 (R-1 to C-1)	Comments
Harrisburg City	3/1/21	Affordable Housing Requirements*	Recommendation with Comments
Hummelstown	7/12/21	Amendments to sign regulations	Recommendation
Londonderry	1/4/21	Rocky Meadow Holdings, LLC.	Recommendation
	1/4/21	Par-Line Golf Course (Triple Crown Holdings)	Comments
	2/1/21	Definitions and Regulations for Manufactured Mobile Homes	Comments
	6/7/21	Triple Crown Corporation, Inc. - Zoning Amendment Request	Comments
	10/4/21	Amendment to C-2 (Commercial Shopping) District and Light Industrial District	Comments
Lower Paxton	4/5/21	Autumn Oaks Extended (AR to R-1)	Recommendation with Comments
	6/7/21	Commercial General to Towne Center	Recommendation
	9/6/21	Parkway Farms Open Space Development Overlay	Recommendation
	10/4/21	Vanguard Realty Property R-1 to Institutional	Recommendation
	10/4/21	Neighborhood Design District	Comments
Lower Swatara	4/5/21	To Allow for Townhouse Development as Special Exceptions	Recommendation with Comments
	6/7/21	Wireless Facilities Ordinance	Comments
Middletown	6/7/21	453 Cedar Avenue and 447 East Main Street	Comments
	7/12/21	Chapter 238, Article V: Charging of Review Fees for Professional Consultants	Recommendation
South Hanover	3/1/21	Revise Def Land Dev and Modify Review Process	Recommendation
	3/1/21	Max. Number of Townhouses and Regulation on Mini race cars	Recommendation
	5/3/21	Short Term Rentals in Commercial Districts	Recommendation
Upper Paxton	7/12/21	Solar Development Amendment	Recommendation
West Hanover	1/21/21	Splitsville LLC, Manada Drive Parcels R-2 to CH	Recommendation

*SALDO Review. All others are Zoning Ordinance Amendment Reviews

INTERGOVERNMENTAL REVIEWS - 2021		
Applicant	Date of Review	Proposal
East Hanover	5/3/21	East Hanover Township Community Park Redevelopment
	5/3/21	East Hanover Township Nature Park Master Plan
	5/20/21	East Hanover Township Community Park Redevelopment
Halifax	11/1/21	Sanitary Sewer Extension Project
Harrisburg City	3/1/21	Wastewater Capital Improvement Programmatic Financing Financial Assistance Application
	6/7/21	Spring Creek Ivey Lane Apartment
Hummelstown	8/2/21	Pedestrian Safety Improvements Project
Jefferson	9/13/21	Construction of 2 Yurts and Platforms - Camp Small Valley
	10/4/21	Broadband Expansion in Northern Dauphin County
Londonderry	5/3/21	DTMA Infrastructure Upgrade
Lower Paxton	5/3/21	Friendship Center Paxton Creek TMDL Reduction
	8/2/21	Lower Paxton Township Heroes Grove Memorial Amphitheater Phase 3
Lykens	7/12/21	Previous Subdivision of a Preserved Farm - Troutman Subdivision
Multi-Municipal	9/13/21	Dauphin County Parks and Recreation - Accessible Playgrounds
	11/1/21	Upward Broadband Northern Dauphin Broadband Grant Application
	11/1/21	DC Conservation District Board of Directors Nomination
Penbrook	4/5/21	Little Valley Park
South Hanover	5/3/21	Stream Restoration Unnamed Trib to Manada Creek
Susquehanna	5/3/21	Susquehanna Township Active Transportation Plan
Swatara	4/5/21	Bishop Park Development Project
	11/1/21	Dewey Street Pedestrian Improvement and Safe Routes to School Project

ORIGINAL ADOPTION YEARS					
Check With Municipality for Amendments					
Municipality	Planning Commission	Comp Plan	Zoning Ordinance	Subdivision & Land Dev Ord	Approving Body
Berrysburg Boro	No	None	None	None	County
Conewago Twp	Yes	2009	1985	1989	Municipality
Dauphin Boro	No	2016***	1977	1977	Municipality
Derry Twp	Yes	2016	2017	1996	Municipality
East Hanover Twp	Yes	2011	2003	2003	Municipality
Elizabethville Boro	No	None	None	None	County
Gratz Boro	Yes	1990	1992	1975	Municipality
Halifax Boro	Yes	2011**	2014	1961	Municipality
Halifax Twp	Yes	2011**	None	2006	Municipality
Harrisburg City	Yes	1974	2014	1990	Municipality
Highspire Boro	Yes	2007	2009	1990	Municipality
Hummelstown Boro	Yes	2005	1963	1960	Municipality
Jackson Twp	No	None	None	1992	Municipality
Jefferson Twp	Yes	2011**	None	None	County
Londonderry Twp	Yes	2005	1978	1988	Municipality
Lower Paxton Twp	Yes	2018	2006	2010	Municipality
Lower Swatara Twp	Yes	2017	1993	1985	Municipality
Lykens Boro	Yes	1975	1968	1975	Municipality
Lykens Twp	Yes	1992	1997	1997	Municipality
Middle Paxton Twp	Yes	2016***	2000	2001	Municipality
Middletown Boro	Yes	2006	2013	2000	Municipality
Mifflin Twp	No	None	None	2014	Municipality
Millersburg Boro	Yes	2007*	2016	None	County
Paxtang Boro	No	2009	2012	1958	Municipality
Penbrook Boro	Yes	1996	1981	2004	Municipality
Pillow Boro	No	None	None	1978	Municipality
Reed Twp	No	1999	None	1990	Municipality
Royalton Boro	Yes	1985	1985	1990	Municipality
Rush Twp	No	2011**	None	None	County
South Hanover Twp	Yes	1991	2006	1977	Municipality
Steelton Boro	Yes	2002	2009	2004	Municipality
Susquehanna Twp	Yes	2019	2003	2006	Municipality
Swatara Twp	Yes	2019	2010	1990	Municipality
Upper Paxton Twp	No	2007*	2019	1965	Municipality
Washington Twp	Yes	2008	1996	1991	Municipality
Wayne Twp	No	2011**	None	1990	Municipality
West Hanover Twp	Yes	2015	1968	1975	Municipality
Wiconisco Twp	Yes	2007	1975	1975	Municipality
Williams Twp	No	None	None	None	County
Williamstown Boro	No	None	None	None	County

* Millersburg Borough / Upper Paxton Township Joint Comprehensive Plan
** The Valleys Regional Comprehensive Plan
*** Joint Comprehensive Plan

2021 Premier Project Awards . . .

TCRPC presented its 10th annual Dauphin County Premier Project Awards during a virtual ceremony on February 17.

The Premier Project Awards acknowledge and encourage planning excellence in Dauphin County, recognizing projects that meet the community, environmental and economic goals of the county’s comprehensive plan.

This year’s program saw a record 24 entries in five categories: Growing Our Communities - Under \$1 Million; Growing Our Communities - Over \$1 Million; Growing Our Economy; Growing Within Our Environment; and the Timothy Reardon “Excellence In Planning” Award.



The winners included:

- **Growing Our Communities - Under \$1 Million:** *Tri-County HDC, Ltd.* — Frank S. Brown Blvd. Home Ownership Project;
- **Growing Our Communities - Over \$1 Million:** *Dauphin County Redevelopment Authority* — Rubber Soul Brewery Adaptive Reuse Project;
- **Growing Our Economy:** *Susquehanna Area Regional Airport Authority* — Air Cargo Reconfiguration & Expansion Project;
- **Growing Within Our Environment:** *Londonderry Township* — Conewago Creek Restoration;
- **Timothy Reardon “Excellence In Planning” Award:** *H. Edward Black and Associates, Ltd.* — Elm Street Station Park.

Individuals, organizations, municipalities, public authorities, developers and public/private partnerships were invited to submit applications for plans, studies and projects completed in Dauphin County in which they were principally involved in design, development or implementation.

Project examples include, but are not limited to: comprehensive plans, development projects, ordinance revisions, infrastructure improvement, renewal projects, downtown development, neighborhood revitalization, transit, bike-ped, etc.

Projects are judged on: effectiveness and results; originality and innovation; ease of replication; community involvement and participation; and compatibility with the Dauphin County Comprehensive Plan.

Below are some of 2021’s winning projects:



Elm Street Station Park in Penbrook



Rubber Soul Brewery Adaptive Reuse Project in Hummelstown



Air Cargo Reconfiguration & Expansion Project at Harrisburg International Airport

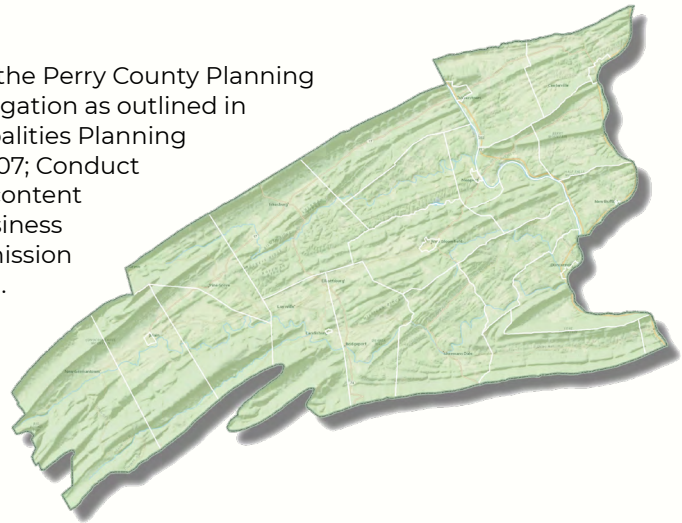
Perry County Planning Commission

Foreword . . .

This annual report fulfills the Perry County Planning Commission's (PCPC) obligation as outlined in the Pennsylvania Municipalities Planning Code (PA MPC), Section 207; Conduct of Business. The report's content highlights all relevant business undertaken by the Commission and staff throughout 2021.

All municipal planning commissions serving from within Perry County are encouraged to follow the county's lead and develop their own annual reports

to submit to either the township supervisors or borough council. The PCPC recommends compliance with the PA MPC in this regard and would be very interested in reading about your local planning initiatives.



PCPC Office Information . . .

The PCPC Office is staffed by Jason R. Finnerty. On Monday, Tuesday and Thursday the office hours are 8 AM to 4 PM. The office is located southwest of the borough square in the Old County Jail, 20 W. McClure St., New Bloomfield, PA 17068. Phone: (717) 582-5124. Email: pcpc@perryco.org.



*PCPC Office, Old County Jail,
20 W. McClure St., New Bloomfield*

On Wednesday and Friday Jason works at the TCRPC office, 112 Market Street, 2nd Floor, Harrisburg, PA 17101. The office hours are 8 AM to 4:30 PM. Phone: (717) 234-2639. Email: jfinnerty@tcrpc-pa.org.

Board of Commissioners . . .



From left: **Chairman Brian S. Allen**, **Secretary Brenda L. Watson**, and **Vice-Chairman Gary R. Eby, Jr.**

Key staff not pictured: **Chief Clerk Shannon Hines** and **Solicitor William R. Bunt**.

2021 Membership . . .



Standing left to right (with term ending): **Secretary Robert E. Shaffer, Sr.** (2024); **Chairman James H. Turner** (2024); **Treasurer Dave Rice** (2021); **Brian Funkhouser** (2021).
Seated left to right: **Vice Chair Tom Graupensperger** (2023); **Danny Kirk** (2024); **Donny Bartch** (2023); **Cathy Gilbert** (2023). Absent: **Dana Cotton** (2021).

Ordinance, Plans & Amendment Reviews . . .

The following three tables serve to document the PCPC's ordinance review processes in 2021. The Subdivision and Land Development Ordinance Amendments reviews are performed under Section 505(b) of the Pennsylvania Municipalities Planning Code, Zoning Ordinance Amendments following Section 609(e) and municipal comprehensive plans Section 301.3. (Section 302(a.1) for surrounding county consideration).

It is important for municipal planning commissions, zoning officers, zoning hearing board members, municipal solicitors, municipal engineers and the elected officials of a municipality to make certain the PCPC receives a certified copy of each passed amendment. Section 505(b) (Subdivision and Land Development Ordinances) and Section 609(g) (Zoning Ordinances) of the Pennsylvania Municipalities Planning Code, (Act 247, as reenacted and amended) requires a copy of the certified amendment to be filed with the County within 30 days of its adoption.

If this process goes unfulfilled the following issues could present themselves:

- The County's ordinance provisions would become inconsistent with the municipality. This would present problems for staff from a review perspective and for immediate reference if the public or municipal officials had a question.
- A municipality's amendment adoption procedure could also be challenged.

As a year-ending reminder to officials in all of the municipalities listed in the previous two tables; please review your past year's communications to confirm for your records; certified copies of all adopted ordinances were sent to the PCPC to finalize your municipality's responsibility in this process.

Because Perry County's planning program is administered from two office locations, staff works extremely hard to maintain consistent ordinance records. To assist in this effort, municipalities are encouraged to send two certified copies of any amendment within the timeframe prescribed by the Pennsylvania Municipalities Planning Code. The Commission will increase awareness on this issue and work to see that appropriate adoption processes are accomplished locally.

Local Planning Assistance Program . . .

2021 MUNICIPAL ZONING ORDINANCE AND AMENDMENT REVIEWS

Review Number	Municipality	Official Review Date	Content	PCPC Recommendation
21Z-01	Newport Borough	17-Feb-2021	Sign Considerations	Support for the Council's efforts to permitting signs above public sidewalks in all districts considering two items.
21Z-02	Rye Township	16-Jun-2021	Moderate Zoning Ordinance Revision	Support for passing proposed ordinance after considering 10 items
21Z-03	Liverpool Borough	16-Jul-2021	Matters related to zoning permits	Support for the Council's efforts to clarify what building alterations warrant a zoning permit considering two items.
21Z-04	Marysville Borough	17-Nov-21	Proposed Revised Zoning Ordinance and Map	Support for passing proposed ordinance after considering 20 suggestions
21Z-05	Spring Township	17-Nov-21	Proposed New Zoning Ordinance	Support for passing proposed ordinance after considering 29 suggestions

TCRPC offers planning services to all municipalities that subscribe to its Local Planning Assistance (LPA) Program. The County's Local Planning Assistance Program has been highlighted as a potential mechanism for assisting townships and boroughs with all community planning initiatives. The scope of services typically includes advice on comprehensive planning, zoning, subdivision and land development, and other aspects of local planning programs.

Throughout 2021, TCRPC provided LPA services to four Perry County municipalities: Bloomfield Borough, Marysville Borough, Newport Borough, and Spring Township. This assistance was provided for a set annual retainer fee. Staff was requested to attend only three local planning commission meetings during the year.

- Bloomfield Borough requested some mapping assistance with trail design in preparation for a grant application.
- In Spring Township, work continued on Spring Township's proposed new zoning ordinance addressing comments from the municipal engineer, solicitor and the Board of Supervisors. The work consisted of revisions to the final draft text and final draft zoning map.
- Our staff also assisted with the ongoing work to prepare a revised zoning ordinance for Marysville Borough. One primary area of focus centered upon short-term rentals.
- In historic photographic images including aerial images were assembled for improving to Newport Borough's website.

Through this program the professional planning staff of TCRPC provided direct planning assistance to the respective municipal planning commissions by attending regular monthly meetings or

workshops when requested, tended to mapping requests, providing recommendations to zoning officers for their decision-making process, offered thoughts on ordinance amendments, and prepared new zoning ordinance text.

Services available through the LPA Program are provided through an annual contract basis, which may be arranged to begin at any time during the calendar year. The actual assistance provided depends entirely upon the needs of each municipality.

Subdivision & Land Development Activity . . .

The Pennsylvania Municipalities Planning Code (Act 247, as amended), requires the PCPC to review all subdivision and land development (S&LD) proposed in Perry County.

The PCPC has the responsibility of approval/disapproval authority in those municipalities that do not have their own S&LD ordinance. The PCPC has been empowered by the County Board of Commissioners to approve or disapprove plans received under the Perry County S&LD Ordinance.

In municipalities having enacted a local subdivision and land development ordinance, the PCPC must review the subdivision or land development plan and provide comments to the municipalities within thirty (30) days. The table on the last page of this report lists all municipalities in the County and notes their status regarding local planning commissions' authority as it relates to S&LD ordinances.

In all instances, municipal planning commissions are recommending bodies while the governing body is responsible for the approval or disapproval of subdivision or development plans.

In 2021 the overall S&LD plan review breakdown was as follows:

-- PCPC S&LD reviews for municipal reporting

Of the plans for review report, the review breakdown was as follows:

2021 OVERALL SUBDIVISION & LAND DEVELOPMENT ACTIVITY

Plat Type	Number of Plats	Subdivision		Land Development	
		Number of New Lots	Acres Involved*	Acres Proposed To Be Disturbed	Proposed New Building(s) (Square Feet)
Preliminary Plats	0	0	0.00	0.00	0.00
Final Plats	95	139	4,971.04	26.16	243,027.00
Preliminary/Final Plats	8	0	152.96	24.94	50,222.00
Totals	103	139	5,124.00	51.10	293,249.00

**Figure includes acreage total of all lots subdivided including the acreage balance of the property*

-- S&LD Reviews for PCPC Consideration Under the Perry County S&LD Ordinance

Considering the County's S&LD Ordinance, applications were as follows:

**2021 SUBDIVISION & LAND DEVELOPMENT PLANS
FOR REVIEW AND REPORT**

PRELIMINARY		
0 Plats	0 New Lots	0.00 Acres
		0.00 Lot Addition Acres
FINAL		
85 Plats	137 New Lots	479.54 Acres
		475.12 Lot Addition Acres
PRELIMINARY/FINAL		
8 Plats	0 New Lots	0.00 Acres
		0.00 Lot Addition Acres
TOTAL		
93 Plats	137 New Lots	479.54 Acres
		475.12 Lot Addition Acres

-- Annual S&LD Plat Summary

The following table summarizes the number of plats in each category, number of lots and units by category, and number of acres involved. Most of the subdivision plans in the county proposed either one new lot or a lot addition to an existing property. The table also displays the information by county sub-region.

**2021 SUBDIVISION & LAND DEVELOPMENT PLANS
FOR APPROVAL OR DISAPPROVAL**

PRELIMINARY		
0 Plats	0 New Lots	0.00 New Lot Acres
		0.00 Lot Addition Acres
FINAL		
10 Plats	2 New Lots	54.76 New Lot Acres
		83.78 Lot Addition Acres
PRELIMINARY/FINAL		
0 Plats	0 New Lots	0.00 New Lot Acres
		0.00 Lot Addition Acres
TOTAL		
10 Plats	2 New Lots	54.76 New Lot Acres
		83.78 Lot Addition Acres

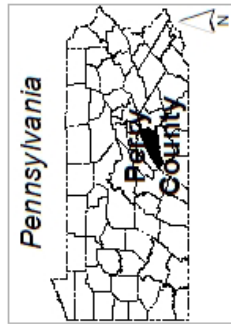
**2021 BREAKDOWN OF SUBDIVISION AND LAND DEVELOPMENT ACTIVITY
BY MUNICIPALITY AND REGIONAL PLANNING AREA**

Municipality	Number of Plat Submissions				New Lots and New Dwelling Units								New Lot Acreage*				Lot Addition Acres	Public Semi-Public Acres	Agricultural/Commercial/Industrial Land Dev. Acres
	Prelim.	Final	P-F	Total	New Lots Prelim.	New D.U.'s Prelim.	New Lots Final	New D.U.'s Final	New Lots P-F	New D.U.'s P-F	Total New Lots	Total New D.U.'s	Prelim.	Final	P-F	Total			
Perry Northeast RPA																			
Buffalo Township	0	3	0	3	0	0	1	1	0	0	1	1	0.0	2.1	0.0	2.1	14.6	0.00	0.00
Greenwood Township	0	9	2	11	0	0	7	1	-1	0	6	1	0.0	10.1	0.0	10.1	5.1	0.00	6.00
Howe Township	0	2	1	3	0	0	1	0	0	0	1	0	0.0	201.2	0.0	201.2	1.2	0.00	6.14
Juniata Township	0	4	0	4	0	0	0	2	0	0	2	0	0.0	10.0	0.0	10.0	1.6	0.00	8.62
Liverpool Borough	0	1	0	1	0	0	1	1	0	0	1	1	0.0	7.8	0.0	7.8	0.0	0.00	0.00
Liverpool Township	0	2	1	3	0	0	2	2	0	5	2	7	0.0	12.1	5.8	17.9	0.0	0.15	0.00
Millerstown Borough	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
Newport Borough	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
Oliver Township	0	2	0	2	0	0	2	2	0	0	2	2	0.0	4.4	0.0	4.4	0.0	0.00	0.00
Tuscarora Township	0	4	0	4	0	0	5	5	0	0	5	5	0.0	15.5	0.0	15.5	12.7	0.00	0.00
RPA Total	0	27	4	31	0	0	19	14	-1	5	18	19	0	263.24	5.75	268.99	35.15	0.15	20.76
Perry West RPA																			
Blain Borough	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
Bloomfield Borough	0	1	2	3	0	0	1	1	3	3	4	4	0.0	4.4	4.5	8.9	0.0	0.00	2.26
Carroll Township	0	13	0	13	0	0	7	4	0	0	7	4	0.0	0.0	0.0	0.0	140.8	0.00	0.00
Centre Township	0	5	1	6	0	0	3	3	0	0	3	3	0.0	2.0	0.0	2.0	0.0	0.00	5.20
Jackson Township	0	2	0	2	0	0	1	0	0	0	1	0	0.0	1.5	0.0	1.5	30.6	0.00	0.00
Landisburg Borough	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
Northeast Madison Township	0	3	0	3	0	0	1	0	0	0	1	0	0.0	28.0	0.0	28.0	26.2	0.00	0.00
Saville Township	0	8	0	8	0	0	5	4	0	0	5	4	0.0	115.8	0.0	115.8	20.8	1.11	0.00
Southwest Madison Township	0	4	0	4	0	0	-1	0	0	0	-1	0	0.0	0.0	0.0	0.0	27.1	0.00	0.00
Spring Township	0	7	0	7	0	0	1	0	0	0	1	0	0.0	69.9	0.0	69.9	83.1	0.00	7.70
Toboyne Township	0	1	0	1	0	0	1	1	0	0	1	1	0.0	25.3	0.0	25.3	0.0	0.00	0.00
Tyrone Township	0	5	0	5	0	0	-1	0	0	0	-1	0	0.0	2.0	0.0	2.0	17.6	0.00	0.00
RPA Total	0	49	3	52	0	0	18	13	3	3	21	16	0.0	248.9	4.5	253.4	346.0	1.1	15.2
Perry Southeast RPA																			
Duncannon Borough	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
Marysville Borough	0	1	0	1	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.00	1.40
Miller Township	0	4	0	4	0	0	16	17	0	0	16	17	0.0	121.2	0.0	121.2	1.1	0.00	0.00
New Buffalo Borough	0	0	0	0	0	0	0	0	0	0	0	0	0.0	0.0	0.0	0.0	0.0	0.00	0.00
Penn Township	0	5	1	6	0	0	83	81	-2	0	81	81	0.0	154.6	0.0	154.6	0.9	0.00	6.70
Rye Township	0	2	0	2	0	0	1	1	0	0	1	1	0.0	2.0	0.0	2.0	0.0	0.00	0.00
Watts Township	0	1	0	1	0	0	0	4	0	0	0	4	0.0	0.0	0.0	0.0	0.0	0.00	0.00
Wheatfield Township	0	6	0	6	0	0	3	2	0	0	3	2	0.0	6.5	0.0	6.5	1.6	0.00	0.00
RPA Total	0	19	1	20	0	0	103	105	-2	0	101	105	0	284.35	0	284.35	3.51	0	8.1
County Totals	0	95	8	103	0	0	140	132	0	8	140	140	0	796.53	10.22	806.75	384.67	1.26	44.02

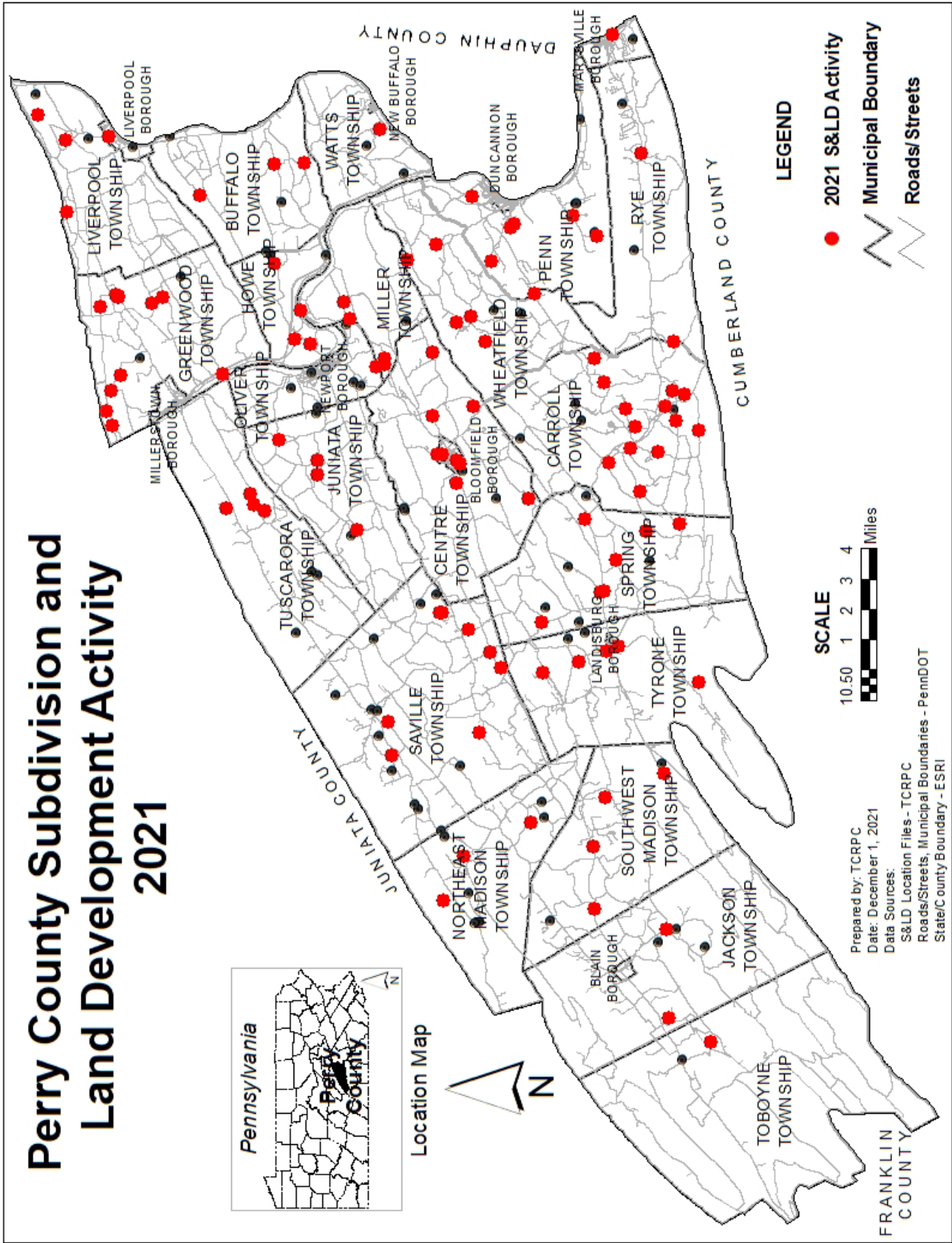
RPA = Regional Planning Area

* Does not include reconfigured lot acreage

Perry County Subdivision and Land Development Activity 2021



Location Map



LEGEND

- 2021 S&LD Activity
- Municipal Boundary
- Roads/Streets

SCALE

10.50 1 2 3 4 Miles

Prepared by: TCRPC
 Date: December 1, 2021
 Data Sources:
 S&LD Location Files - TCRPC
 Roads/Streets, Municipal Boundaries - PennDOT
 State/County Boundary - ESRI

Outreach Program . . .

The PCPC outreach program is structured to offer municipal representatives an opportunity to air suggestions on ways planning in Perry County could be improved. It also affords the PCPC staff the opportunity to share its efforts (i.e., projects) both future and current with community leaders and the public.

Our 2021 municipal outreach had our staff attending two township board of supervisors meetings (Howe and Oliver Townships), three local planning commission meetings (Buffalo, Greenwood and Watts Townships), two non-traditional County Commissioners meetings in Landisburg Borough and Saville Township.

A continued mainstay of the program includes providing updates on the county and regional planning programs at the joint Perry County Council of Governments and Boroughs Association meetings. The pandemic did not affect continuation of these opportunities. Staff attended and shared information at each of these meetings.

The PCPC staff provided monthly reports on subdivision and land development activity and shared information on projects with the Perry County Economic Development Authority (PCEDA). Additionally, staff also provided the same information to the Perry Housing Partnership board and the Local Emergency Planning Committee every other month. Our engagements with these groups have broadened our reach and developed some important partnerships for moving forward with our initiatives especially implementation of plans. Along these lines, we attended a few PCEDA Downtown/Main Street Revitalization meetings.

Another opportunity to engage municipal officials took place on Saturday, the Fourth of July at the Perry County Fairgrounds. On an annual basis, the Perry County Association of Township Officials puts together this half-day convention which serves as the county's premier forum for dialogue with municipal officials. On an annual basis the PCPC staff has been regularly requested to present. At the convention this past year, the PCPC staff presented a planning and zoning session at the request of the organizing committee.

We continue to look for other opportunities to engage municipal officials as well as the general public. If you would like our staff to speak at a civic or non-for-profit group function please contact our office to make arrangements.

GIS Update . . .

A Geographic Information System (GIS) is a computer-based system designed to enable its users to organize, house, analyze, manipulate, arrange and present geographic data. The PCPC has access to the GIS skills of the Tri-County Regional Planning Commission's (TCRPC) experienced GIS staff and a great working relationship with the County's GIS Department.

The following list consists of noteworthy GIS projects and maps completed this past year.

- Maintained up-to-date zoning district layer
- 2021 subdivision and land development point file layer
- Worked with Harrisburg University to update the Anderson Land Use Layer
- Prepared map for Blain Borough's use to begin looking at municipal sewer service
- Prepared annual Transportation Improvements Program (TIP) maps for Amish – Mennonite outreach

The PCPC continues to research ways to provide additional benefits to staff and the public with our continued utilization of GIS technology. We continue to monitor the productive pursuits of others, where such efforts can be successfully integrated into Perry County's Planning and GIS Programs.

Sewage Facilities Planning Modules . . .

In 2021 the number of sewage facilities planning module reviews remained relatively consistent with prior years. The Commission acted on 11 plans for the year, which was six more plans than the previous year. The files are individually listed in the following table.

2021 SEWAGE FACILITIES PLANNING MODULES

FILE #	FILE NAME	MUNICIPALITY	# OF LOTS	ACRES	DUs/ EDUs
21SM-01	Michael C. & Robin L. Bailey	Oliver Township	2	3.99	2
21SM-02	Hoover Bros Real Estate, LLC	Saville Township	1	10.03	1
21SM-03	Larry R. and Linda K. Yoder	Tuscarora Township	1	1.75	1
21SM-04	Smith Homes, Inc.	Carroll Township	4	10.01	4
21SM-05	Endless View Estates	Miller Township	17	153.08	17
21SM-06	Endless View Estates	Oliver Township	1	30.16	0
21SM-07	Omar P. & Linda K. Stoltzfus	Centre Township	1	5.20	1
21SM-08	John David & Arlene E. Hoover	Tyrone Township	3	9.06	3
21SM-09	Charles, Randy, Richard, Carolyn Morrow c-o Charles Morrow	Tyrone Township	1	2.87	1
21SM-10	Robert C., Jr & Catharine A. Noaker	Penn Township	1	18.32	1
21SM-11	Lisa J. Laird	Penn Township	3	7.44	3

DU = Dwelling Unit EDU = Equivalent Dwelling Unit NP = Not Provided

Picture Perry: Perry County's Next Comprehensive Plan . . .

This year, staff continued to work with two workgroups focused on implementing actions contained in the Comprehensive Plan. Throughout the year five meetings were held between these workgroups. There were four meetings with the Natural Resources and Recreation Workgroup and one with the Economic Issues Workgroup. As with the PCPC's outreach, the COVID-19 pandemic had a clear impact on scheduling and participation levels throughout the year.

Picture Perry

To prepare for work on the Basic Studies component, surveys were finalized and made available for anyone to contribute to the process. The design of the surveys engaged the general public and provide substantial guidance for our county and municipal leaders for this plan. The surveys focused on the eight core elements of Pennsylvania's current comprehensive planning process and included Community Facilities, Economic Development, Energy Systems, Historic and Cultural Resources, Housing, Land Use, Natural Resources and Recreation, and finally Transportation. In addition there was a Quality of Life frontend survey to increase awareness and instill a sense of Perry Pride to invariably lead to the completion of additional surveys.

When the survey process concluded the collection process yielded 940 survey responses from the nine optional survey choices. At least one survey was filled out in each of the county's 30 municipalities. The final breakdown of the responses for each survey was as follows:

- Community Facilities Survey – 175
- Economic Development Survey – 113
- Quality of Life Survey – 100
- Housing Survey – 96
- Historic & Cultural Resources Survey – 94
- Land Use Survey – 92
- Natural Resources & Recreation Survey – 92
- Transportation Survey – 90
- Energy Systems Survey - 88

Efforts to increasingly unify the planning process in Perry County continued. To increase municipal acceptance of PICTURE PERRY as a unifying plan, research reached down to the 20 municipal comprehensive plans. For those municipalities with existing comprehensive plans, an effort was made to compile a listing of every municipality's goals and objectives to assess this collection of local direction. The effort will go a long way toward capturing local guidance, thoughts and ideas, as well as strengthen ties to the final drafted plan. Additionally staff has attended many municipal meetings with planning commissions and governing bodies to solicit partnerships and projects or action strategies.

Initial partners in this process have been the Perry County Board of Commissioners, the Perry County Planning Commission, all of our County's amazing municipal officials, the Perry County Economic Development Authority, the Perry Housing Partnership, our Natural Resources and Recreation Workgroup, the Perry Family Partnership, our Economic Issues Workgroup, the Perry County Chamber of Commerce, and to all the participating respondents to date. Other groups continue to be sought to help the County accomplish more action with this plan.

Transportation & Highway Matters . . .

Perry County is a voting member of the Harrisburg Area Transportation Study (HATS), a federally designated Metropolitan Planning Organization (MPO). Since 1965, HATS has made planning decisions and established priorities regarding the use of federal funds for local transportation system improvements in Cumberland, Dauphin, and Perry counties. This year, Perry County's voting members on the HATS Coordinating Committee included: County Commissioner Gary Eby and PCPC Chair James H. Turner. PCPC Secretary Robert Shaffer, Sr. and Representative Perry Stambaugh serve as Commissioner Eby's and Chairman Turner's alternates, respectively.

In Perry County, transportation planning activities in 2021 included the continued support of the Susquehanna Regional Transportation Partnership. This project has brought together representatives of the chambers of commerce, transit and planning agencies serving Adams, Lancaster, York, Cumberland, Dauphin, Lebanon and Perry counties. The program consists of regional efforts to manage congestion by promoting transportation alternatives.

-- 2045 HATS Regional Transportation Plan

The Regional Transportation Plan (RTP) planning process was facilitated by the Tri-County Regional Planning Commission which provides the administrative staffing support for the Harrisburg Area Transportation Study (HATS) Metropolitan Planning Organization (MPO). The RTP documents the current status of transportation projects and programs, identifies long-term needs and recommends projects to meet those needs. The long-range plan sets a framework for priorities for the expenditure of federal transportation funds over a 25-year period. The RTP is available online [here](#). Hard copies can be made available upon request.

In September 2021, the 2045 HATS Regional Transportation Plan was officially adopted by the HATS Coordinating Committee. This update to the RTP features a comprehensive Project Pipeline - transportation needs identified through municipal outreach and evaluated according to the priorities of the RTP – as well as updated chapters regarding asset management, non-motorized transportation, and safety.

-- FFY 2023-2026 Transportation Improvement Program

Throughout 2021, HATS staff worked with PennDOT officials and the RTP Implementation Work Group to begin development of the FFY 2023-2026 Transportation Improvement Program (TIP). A preliminary draft TIP was reviewed by the RTP Implementation Work Group and provided to both HATS committees at their respective December 2021 meetings. Development of the FFY 2023-2026 TIP will continue into 2022, with an anticipated public outreach period occurring in May 2022 and official adoption occurring in June 2022. More information on the current FFY 2021-2024 TIP and the FFY 2023-2026 TIP (as available) is available on the [TCRPC website](#). Broader information on the statewide 12-Year Program is available on the State Transportation Commission and the Transportation Advisory Committee website: [talkpatransportation.com](#).

-- PennDOT Connects and Traffic Impact Studies

Our staff has been an active participant in the PennDOT Connects process. When a transportation improvement project is funded on the TIP, municipalities, the MPO staff, and PennDOT have the opportunity to meet and discuss the project. This allows local communities to discuss their concerns surrounding the project and if they have any documented needs (i.e., bike lanes, sidewalks, etc.).

In 2021, these discussions were held regarding the potential Park and Ride at Rt. 850 & 34, Meck's Corner on SR 0034, the intersection of South Main Street and Rt. 274 in Duncannon and implementation of the Riverlands Safety Study. Additionally, HATS staff met with Perry County Commissioners in October to broadly discuss transportation planning in the region.

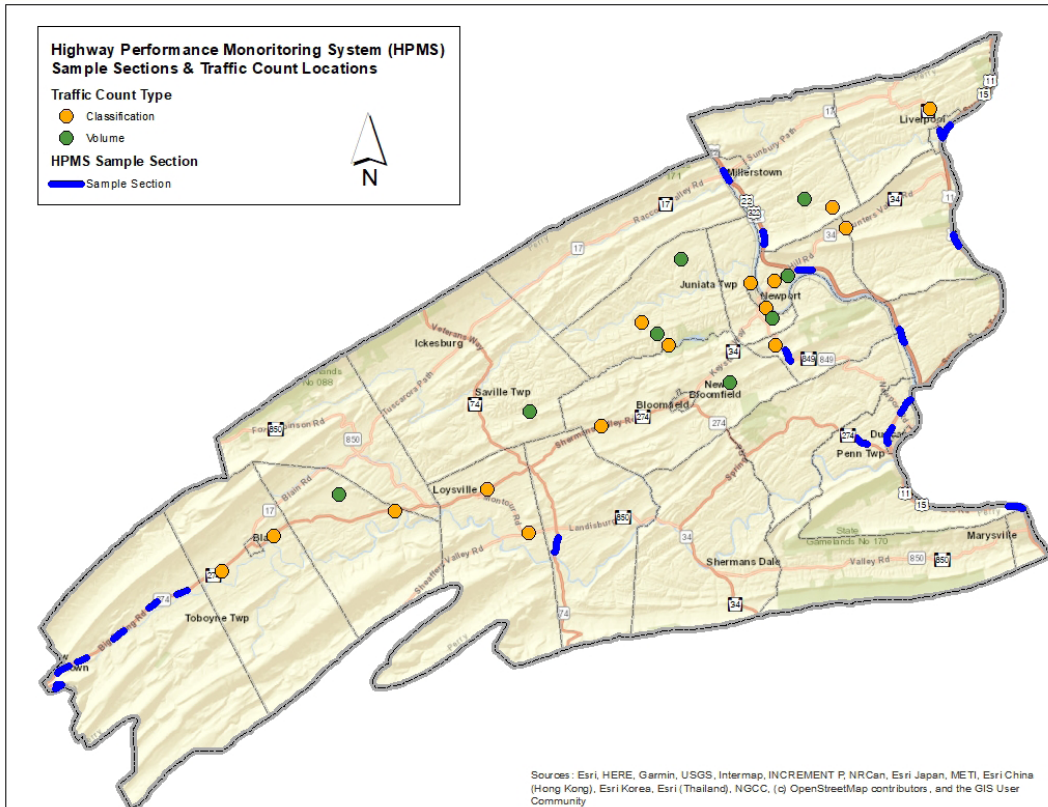
-- Cumberland Perry Task Force

The Cumberland Perry Task Force met in May and August 2021. Each meeting focused on updating the Task Force on the 2045 HATS RTP development process and ongoing active transportation projects. Additionally, HATS staff discussed using the Cumberland Perry Task Force as a model for expanded municipal outreach in the region. Regular meetings will continue into 2022.

-- Traffic Counts / Highway Performance Monitoring System

Annually our staff assists PennDOT by capturing certified traffic counts on pre-selected highways (see map below). Traffic counts were collected via roadway classification/volume and then sent to PennDOT. These counts can be accessed via PennDOT's [Traffic Information Repository \(TIRe\)](#).

The following map displays the areas where data was collected this past year.



Hazard Mitigation Planning . . .

Efforts were made early in the year to discuss the only floodplain buyout proposal with the landowners, Pennsylvania Emergency Management Agency officials, as well as county representatives. From the discussion, it was determined a more amicable solution would be to possibly elevate the structure. PEMA representatives agreed to look into the flood mapping for the location to arrive at an acceptable base floor elevation to share with the landowners.

During the year the office fielded an inquiry from the Newport Water Authority concerning an application for HMP project funding and an application the Authority would like to pursue. The current Perry County Multi-Hazard Mitigation Plan had the project referenced captured within the structural portion of our Mitigation Strategy chapter. The project description listed relocate Newport Borough Water Authority waterline running along the Juniata River bridge (bury under river) eliminating the potential for debris damage to this community infrastructure during a flooding event. The bridge is the SR 0034 river bridge connecting Newport Borough and Howe Township. In terms of timing, eligibility, and the specifics of the Hazard Mitigation Grant Program, the Authority representative and engineer were referred to speak with PEMA's State Hazard Mitigation Planner.

Our staff has begun to research funding for the next Hazard Mitigation Plan update in 2025. Work preparing for the next round of Hazard Mitigation Grant Program funding was undertaken. A letter of interest was provided and a scope of work was prepared. The application packet will be submitted early in 2022.

Intergovernmental Reviews . . .

The PCPC invests a significant amount of time reviewing the various pursuits of local governments, county agencies, and local authorities. Many of these entities' funding sources include provisions which consider general consistency with respect to the County Comprehensive Plan.

This year the PCPC unveiled an online form portal to accept all such requests. The form can be accessed [here](#).

The following table displays all intergovernmental reviews undertaken in 2021.

2021 INTERGOVERNMENTAL REVIEWS						
Review ID	Municipality or Entity	Project	Meeting Date of PCPC Review	Review Comment	Dollar Amount Sought	Total Project Cost
21IRP-01	PCEDA	DCED Grant Application for Perry County Main Street Revitalization Project	1/20/2021	Generally Consistent	\$ 300,000.00	\$ 300,000.00
21IRP-02	Loysville Village Municipal Authority	USDA Application for Loysville WWTP Improvements in Tyrone Township	3/17/2021	Generally Consistent	\$ 5,068,500.00	\$ 8,750,000.00
21IRP-03	Newport School District	USDA Application for Repaving of Parking Facilities	3/17/2021	Generally Consistent	\$ 399,767.00	\$ 399,767.00
21IRP-04	Bloomfield Borough	DCED Grant Application Grandstand Trail Project	4/21/2021	Generally Consistent	\$ 175,000.00	\$ 201,250.00
21IRP-05	Bloomfield Borough	DCED Grant Application Revision Grandstand Trail Project	5/19/2021	Generally Consistent	\$ 209,650.00	\$ 246,647.00
21IRP-06	Marysville Borough	PA DCED Grant Application Lions Club Park Recreation Improvement	6/16/2021	Generally Consistent	\$ 215,000.00	\$ 247,250.00
21IRP-07	Newport Borough Sewer Authority	PennVEST Combined Sewer System Modifications Project No. 2	6/16/2021	Generally Consistent	\$ 867,000.00	\$ 867,000.00
21IRP-08	Bloomfield Borough	PennDOT Grant Application for Lakeside Streetscape Project	7/21/2021	Generally Consistent	\$ 376,177.00	\$ 537,396.00
21IRP-09	Liverpool Area Recreation Association	PA DCED Grant Application (Greenways, Trails and Recreation Program) Jan A. Deitzler Memorial Pool Rervitalization	9/15/2021	Generally Consistent	\$ 198,432.50	\$ 233,450.00
21IRP-10	Marysville Borough	PennDOT Multimodal Grant for Lakeside Streetscape Project - Bloomfield Borough	11/17/2021	Generally Consistent	\$ 376,177.00	\$ 489,030.00
TOTALS					\$ 8,185,703.50	\$ 12,271,790.00

UNK - Unknown/not provided

Municipal Planning Information . . .

The Perry County Planning Commission maintains redundant files at two office locations for both staff and the public to access. This includes copies of municipal comprehensive plans, S&LDO, zoning ordinances, and other ordinances which may be relevant to planning efforts.

The following table provides a chronologic summary of municipal planning efforts up to the end of 2021.

Municipality	Planning Commission	Comprehensive Plan	S&LD Ordinance	Zoning Ordinance	S&LD Approving Body	Act 537 Plan	**UCC Regulation
Blain Borough	No	Yes (2015)	No*	No	County	No	Perry COG/ BIU
Bloomfield Borough	Yes	Yes (1995)	Yes (1994)	Yes (2006)	Municipality	Yes	Perry COG/ BIU
Buffalo Township	Yes	Yes (1995)	Yes (1986)	No	Municipality	No	Perry COG/ BIU
Carroll Township	Yes	Yes (1987)	Yes (2003)	Yes (2003)	Municipality	Yes	Perry COG/ BIU
Centre Township	Yes	No	Yes (2008)	No	Municipality	Yes	Perry COG/ BIU
Duncannon Borough	Yes	Yes (1993)	Yes (1982)	Yes (2006)	Municipality	Yes	Perry COG/ BIU
Greenwood Township	Yes	Yes (2008)	Yes (2001)	Yes (1997)	Municipality	No	Perry COG/ BIU
Howe Township	Yes	Yes (2015)	Yes (2013)	Yes (2016)	Municipality	No	Central Keystone COG
Jackson Township	No	Yes (2015)	No*	No	County	No	Perry COG/ BIU
Juniata Township	Yes	Yes (1993)	Yes (2010)	Yes (1993)	Municipality	Yes	Perry COG/ BIU
Landisburg Borough	No	No	No*	No	County	No	Perry COG/ BIU
Liverpool Borough	Yes	Yes (1973)	Yes (1974)	Yes (1991)	Municipality	Yes	Perry COG/ BIU
Liverpool Township	Yes	Yes (2002)	Yes (1994)	Yes (2002)	Municipality	Yes	Perry COG/ BIU
Marysville Borough	Yes	Yes (2015)	Yes (2015)	Yes (2006)	Municipality	Yes	Perry COG/ BIU
Miller Township	Yes	No	Yes (2014)	No	Municipality	No	Perry COG/ BIU
Millerstown Borough	No	Yes (2008)	No*	Yes (1997)	County	Yes	Perry COG/ BIU
New Buffalo Borough	No	Yes (1996)	No*	No	County	Yes	Perry COG/ BIU
Newport Borough	Yes	Yes (1995)	Yes (2013)	Yes (2015)	Municipality	No	Perry COG/ BIU
NE Madison Township	No	Yes (2003)	No*	No	County	No	Perry COG/ BIU
Oliver Township	Yes	Yes (2015)	Yes (2006)	No	Municipality	Yes	Perry COG/ BIU
Penn Township	Yes	Yes (2014)	Yes (2006)	Yes (2006)	Municipality	Yes	Perry COG/ BIU
Rye Township	Yes	Yes (1999)	Yes (2009)	Yes (2011)	Municipality	Yes	Perry COG/ BIU
Saville Township	Yes	No	Yes (2007)	No	Municipality	No	Perry COG/ BIU
SW Madison Township	No	Yes (2003)	No*	No	County	No	Perry COG/BIU
Spring Township	Yes	Yes (1991)	Yes (2013)	No	Municipality	No	Perry COG/ BIU
Toboyne Township	No	Yes (2015)	No*	No	County	No	Perry COG/ BIU
Tuscarora Township	Yes	Yes (2006)	Yes (1992)	Yes (1991)	Municipality	Yes	Perry COG/ BIU
Tyrone Township	Yes	Yes (1995)	Yes (1990)	Yes (1996)	Municipality	Yes	Perry COG/BIU
Watts Township	Yes	Yes (1997)	Yes (1980)	Yes (2001)	Municipality	No	Perry COG/ BIU
Wheatfield Township	Yes	Yes (2013)	Yes (2018)	Yes (2008)	Municipality	No	Perry COG/ BIU

* Perry County PCPC oversees S&LD activity with the Perry County S&LD Ordinance (Adopted February 28, 2011 and amended by Ordinance No. 2013-02 on October 1, 2013)

** UCC - Uniform Construction Code

BIU - Building Inspection Underwriters

S&LD - Subdivision and Land Development

In 2021 the PCPC . . .

- Reviewed 103 total Subdivision and Land Development plans;
- Approved 10 Subdivision and Land Development plans submitted under the jurisdiction of the County S&LDO;
- Reviewed 11 sewage facility planning modules;
- Reviewed and commented on five municipal ordinance proposing zoning ordinance revisions and amendments;
- Updated the Perry County Community E-Data Booklet;
- Updated the Subdivider/Developer Resource Guide;
- Researched and compiled annual building permit data to contribute to the 2020 TCRPC Building Activity Report;
- Completed the PCPC's 2020 Annual Report and initiated work on the 2021 report;
- Began implementation of the 2020 Perry County Hazard Mitigation Plan and researched and prepared information to make application to the HMGP through PEMA;
- Supported the County's participation in the implementation of the Regional Transportation Plan for HATS;
- Held 10 of 12 PCPC meetings (preparing monthly agendas, minutes and annual advertisement).
- Initiated work on Perry County's next comprehensive plan PICTURE PERRY;
- Reviewed 11 intergovernmental reviews under Pennsylvania Acts 67, 68 and 127, providing letters of support for projects deemed generally consistent with the Perry County Comprehensive Plan;
- Presented on the subject of community planning and zoning in the general session of the Annual Association of Township Officials Convention;
- Logged the receipt of 45 Act 14 reviews for the County;
- Maintained work on the PCPC's webpage hosted on TCRPC's website;
- Improved and updated a few county GIS data layers;
- Attended seven municipal planning commission meetings for the four participating LPA communities;
- Provided outreach at all joint Perry COG and Borough Association meetings;
- Attended four Penn State Extension webinars;
- Conducted outreach and technical support to the Perry County Economic Development Authority, the Perry Housing Partnership and the LEPC;
- Continued to provide technical support to the HATS effort to establish a park and ride facility along the SR 0034 corridor;
- Attended a Cumberland – Perry Taskforce Meeting organized by HATS;
- Presented at the TCRPC's Toolkit webinar on the Model Zoning Ordinance;
- Assisted in background research and discussion related to the TCRPC Toolbox;
- Attended to final draft revisions of the proposed Spring Township Zoning Ordinance;
- Reviewed and commented on an Agricultural Security Area amendment for Rye Township;
- Discussed policy regarding PADEP Chapter 102 reviews;
- Participated in the development of Perry County's Countywide Action Plan (CAP) serving as co-lead for Perry County's portion of the four-county project. (Dauphin, Juniata, Mifflin and Perry Counties).



Drone view of Hawk Rock Overlook on the Appalachian Trail above Duncannon

Harrisburg Area Transportation Study

2021 Membership . . .

Organization	Member	Alternate
Chairman	Jeff Haste	
Vice-Chairman	Commissioner Gary Eby	
Secretary	Commissioner Jean Foschi	
Cumberland Co.	Commissioner Jean Foschi Toby Fauver	Commissioner Gary Eichelberger Kirk Stoner
Dauphin Co.	Jeff Haste Steve Libhart	Scott Burford George Connor
Perry Co.	Commissioner Gary Eby James Turner	Robert Shaffer, Sr. Rep. Perry Stambaugh
Harrisburg City	Wayne Martin Ambrose Buck	Vacant Vacant
CAT	Eric Bugalle	Rich Farr Beth Nidam
PennDOT	Larry S. Shifflet Chris Kufro	Ray Green Nate Walker/ Jon Owens
Ex-officio Members	NOTE: The following are on both committees: Gene Porochniak, FHWA Laura Keeley, FTA Rick Harner, FAA Chris Trostle, DEP Tree Zuzzio, PA DCED	

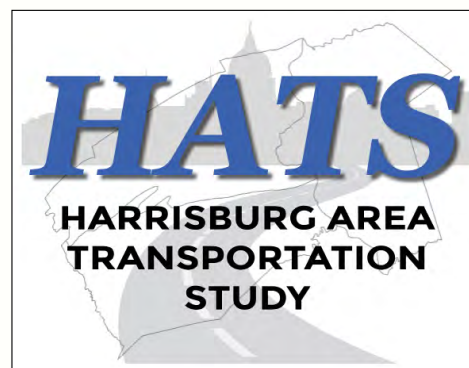
Coordinating Committee

Organization	Member	Alternate
Chairman	Steve Deck, AICP	
Vice-Chairman	Diane Myers-Krug, AICP (non-voting)	
Secretary	Andrew Bomberger, AICP (non-voting)	
Cumberland Co.	Debi Ealer Kirk Stoner, AICP	Elizabeth Grant Vacant
Dauphin Co.	Steve Libhart James Szymborski	George Connor Steve Deck, AICP
Perry Co.	Commissioner Gary Eby James Turner	Robert Shaffer, Sr. Nina Fitchet
Harrisburg City	Deborah Ealer Kirk Stoner, AICP	Charlie White Vacant
CAT	Rich Farr	Beth Nidam Miguel Acri-Rodriguez
PennDOT	Ray Green Nate Walker	Vacant/ Vacant Jon Owens Jeff Puher
Ex-officio Members	Holly Gattone/Brad Webber, Amtrak Rudy Husband, Norfolk Southern Louis Pirozzi, SARAA Vacant, PMTA Vacant, York County MPO Jon Fitzkee, Lebanon County MPO	

Technical Committee

Regional Transportation Plan Implementation & Development . . .

As part of the ongoing, process-over-product oriented approach being taken for the Regional Transportation Plan (RTP), HATS staff spent much of 2021 completing the process of updating and adopting the new 2045 HATS Regional Transportation Plan. This included continued outreach with municipalities and regional stakeholders to ensure things like the Project Pipeline and Regional Backbone were as comprehensive and up-to-date as possible, as well as incorporating the latest data related to safety and asset condition.



Throughout the process, regular updates were provided to regional partners and stakeholders such as the Bike/Ped/Passenger Task Force, the RTP Implementation Work Group, and both the HATS Technical and Coordinating Committees. The RTP and associated Air Quality Conformity Analysis report were available for public comment from July 1, 2021 – August 31, 2021. During this time, two virtual open houses were held to provide an overview of the HATS process,

highlight noteworthy changes, and answer questions from attendees. Recordings of the virtual information sessions are available through the [TCRPC YouTube page](#).

The 2045 HATS Regional Transportation Plan was adopted on September 24, 2021 and is available at www.hatsregionaltransportationplan.org.

TIP Development/Implementation/Adoption . . .

The current 2021-2024 Transportation Improvement Program (TIP) was adopted by HATS at its Coordinating Committee meeting on June 26, 2020 and became effective on October 1, 2020. Management of the projects programmed on the TIP was the focus of 2021. The TIP guides the region's transportation spending over a four-year period and is updated bi-annually.

Coordination of the draft 2023-2026 Transportation Improvement Plan (TIP) began in Fall of 2021 as HATS and PennDOT District 8-0 staff worked to balance carryover projects, new asset management needs, and regional priorities identified in the 2045 Regional Transportation Plan. In the midst of the TIP development process, the bipartisan Infrastructure Investment and Jobs Act was passed into law, providing significant increases across a variety of federal funding categories and programs. With the funding increases, a total of 77 new projects are proposed on the draft 2023-2026 TIP, with 11 originating as transportation needs identified on the RTP Project Pipeline. In addition to these 11 projects, line items were added to address implementation of the upcoming Congestion Management Plan, fund improvement on locally-owned federal-aid-eligible bridges, and continue the RTP Implementation Grant Program through FFY 2026.

The RTP Implementation Work Group, HATS Technical Committee, and HATS Coordinating Committee had the opportunity to preliminarily review and provide input regarding the draft 2023-2026 TIP in late 2021 and into 2022. Additionally in 2022, input and coordination will be incorporated through the PennDOT Connects process, as well as meetings with our regional stakeholder groups, including the RTP Implementation Work Group and Bike/Ped/Passenger Task Force.

More information on the Transportation Improvement Program and a listing of the most recent TIP projects is [available here](#).

Public Participation & Outreach . . .

The unique pandemic-related public participation challenges that began in 2020 continued in 2021, with the majority of contact with the public and our partners being virtual, not in person. These virtual strategies were included in the updated HATS Public Participation Plan, which shared a public review and comment period with 2045 HATS Regional Transportation Plan and was adopted in September 2021. Going forward, HATS staff will continue to focus on virtual outreach and develop tools, like online interactive mapping applications, to make virtual outreach more engaging and accessible for all.

The HATS Public Participation Plan is [available here](#).

HATS staff engaged key stakeholder groups and the general public in a variety of transportation planning efforts, including continued work with the Cumberland Perry Task Force and the HATS Bike/Ped/Passenger Task Force, and ongoing solicitation of publicly identified Transportation Needs as part of the HATS RTP Project Development Process and Project Pipeline updates.

In 2021, the RTP website generated the following analytics:

- **Users:** 15,833 (up 22% over 2020)
- **Sessions:** 24,502 (up 22% over 2020)
- **Page Views:** 52,588 (up 15% over 2020)
- **Visitors:** Majority from the Tri-County region.
- **Other PA cities represented:** Allentown, Altoona, Bethlehem, Doylestown, Erie, Gettysburg, Greencastle, King of Prussia, Lancaster, Lebanon, Lewistown, Philadelphia, Pittsburgh, Pottsville,

Reading, Shippensburg, State College, Sunbury, West Chester, Wilkes-Barre, Williamsport, and York.

- **Other U.S. cities represented:** Atlanta, Baltimore, Boston, Charlotte, Cherry Hill, Cheyenne, Chicago, Columbus, Dallas, Denver, Des Moines, Fort Worth, Los Angeles, New York, Omaha, Portland, Raleigh, San Antonio, San Diego, San Francisco, Tucson, and Washington, DC.
- **Some of our international visitors were from:** Australia, Canada, China, England, Finland, Germany, India, Ireland, Kenya, Malaysia, Nigeria, Philippines, Thailand, and United Arab Emirates.

Alternate Modes . . .

Alternate modes of travel are essential components of any fully functioning, comprehensive transportation system. Creating a safe, convenient, and efficient environment for cyclists, walkers, and transit users benefits our region's residents and businesses, while also relieving pressure on our existing transportation system and environment.

-- *Bicycle/Pedestrian Planning*

In 2021, HATS staff, PennDOT District 8-0, and our region's municipalities met regularly to advance bicycle/pedestrian projects such as the CAT Intermodal Bridge project, the Lemoyne Bottleneck, and the 2020 awardees in the RTP Implementation Grant program through meetings with key stakeholders that also included state and municipal officials.

The Bicycle/Pedestrian/Passenger Task Force provided input to PennDOT District 8-0 personnel on upcoming resurfacing projects and revisions to the Regional Backbone being done as part of the Regional Transportation Plan update.

The Task Force also continued with the HATS Regional Bicycle and Pedestrian Count Program, conducting counts in both April and October as part of the National Bicycle and Pedestrian Documentation Project.



-- *Transit Planning*

HATS staff, in coordination with CAT and rabbittransit staff, incorporated updated information and data related to transit into various planning activities and studies, including the 2045 HATS Regional Transportation Plan, and began development of the 2023-2026 Public Transit TIP.

Environmental Justice . . .

Since 2017, HATS staff has worked with regional and state stakeholders, including FHWA and PennDOT, on implementing the South Central Pennsylvania Environmental Justice Unified Process and Methodology Study. In 2020, the "core elements" established in the Study were incorporated into the Environmental Justice analysis for 2045 HATS Regional Transportation Plan. Going forward, work will continue on refining the approach and working with other MPOs to identify strengths and weaknesses associated the various ways the methodologies were implemented.

Additionally, in response to the Federal Certification Review process, HATS developed an updated Title VI program consistent with requirements from Federal Highway Administration and Federal Transit Administration. The HATS Title VI Program was officially adopted in September 2021 and is available [here](#).

Commuter Services of Pennsylvania . . .

This Transportation Demand Management (TDM) program of the Susquehanna Regional Transportation Partnership (SRTP) has been educating commuters about commuting options for more than 17 years.



During 2021, our Commuter Services team assisted employers in the region with rebuilding and redefining their worksite commuter benefits programs, including the development of multiple telework programs. The needs of our employer partners were ever changing, as they navigated the new norm. With the opportunity to go back to basics, partners embraced Transportation Demand Management (TDM) tools, events, and resources. Some examples of these items include: Telecommute Committee, “Clash” competitions, annual try-it events, worksite assessments, webinars and our Commute PA rideshare and rewards program.

Over the past year our outreach managers conducted over 160 events and 360 meetings. The health and safety limitations imposed by the COVID Pandemic required many events to be held virtually, however our outreach staff is very excited to get back to onsite events.

Commuter Services of PA completed its fourth year of utilizing Commute PA, a free rideshare and rewards program in 2021. The data obtained from commuters who register in Commute PA and track their non-drive alone green commute trips to work is shared with several regional Metropolitan Planning Organizations, including the HATS MPO. The participating trackers (traveling to and from the Tri-county area) during the 2021 calendar year accounted for the following: 38,593 trips tracked; 1,426,743 vehicle miles removed from regional roadways; nearly \$810,500 in cost savings to the participating commuters; and nearly 595 tons of CO2 reductions. As we began to see some employers' welcome employees back to their physical work locations, there continued to be a huge shift to teleworking during the 2021 year.

More educational information about carpooling, vanpooling, transit, walking, bicycling and teleworking, in addition to the Emergency Ride Home program, can be found by visiting the Commute PA app, the www.pacommuterservices.org website or by calling our toll free number 1-866-579-RIDE.

Traffic Incident Management (TIM) Teams & Safety . . .

HATS Staff, in conjunction with the Lebanon County MPO, held multiple virtual TIM meetings throughout 2021. These TIM meetings covered a variety of topics from special event planning to a law enforcement perspective webinar on the Commonwealth's [Move Over Law](#). TIM meetings were held via Zoom and were held for the “A Beltway Cumberland Dauphin” or ABCD (formerly the “Beltway East” and “Beltway West” teams) and the Greater Lebanon/Hershey TIM Team. Coordination with the Lebanon MPO for both TIM Teams was a priority to ensure regional consistency for program implementation.

Tri-County Regional Planning / HATS became a Waze For Cities Partner in June 2021. This partnership allows HATS Staff to access real-time traffic alerts and congestion data. Through this program, HATS staff can now collect and analyze data pertaining to vehicle accidents and congestion throughout the HATS Region. HATS Staff developed an in-house analytics platform to collect, store, and analyze this data to support our transportation planning program.

HATS staff is working on enhancing our safety planning capabilities. Work continues on our safety planning contract with Kittelson & Associates Inc. to establish an internal approach to analyze crash data which will serve as a supplement to PennDOT's Highway Safety Manual (HSM) Network Screening Tool. A draft methodology has been drafted by Kittelson and HATS Staff is working on implementing the analysis.

Highway Performance Monitoring System (HPMS): Traffic Counts & Sample Section Inventory . . .

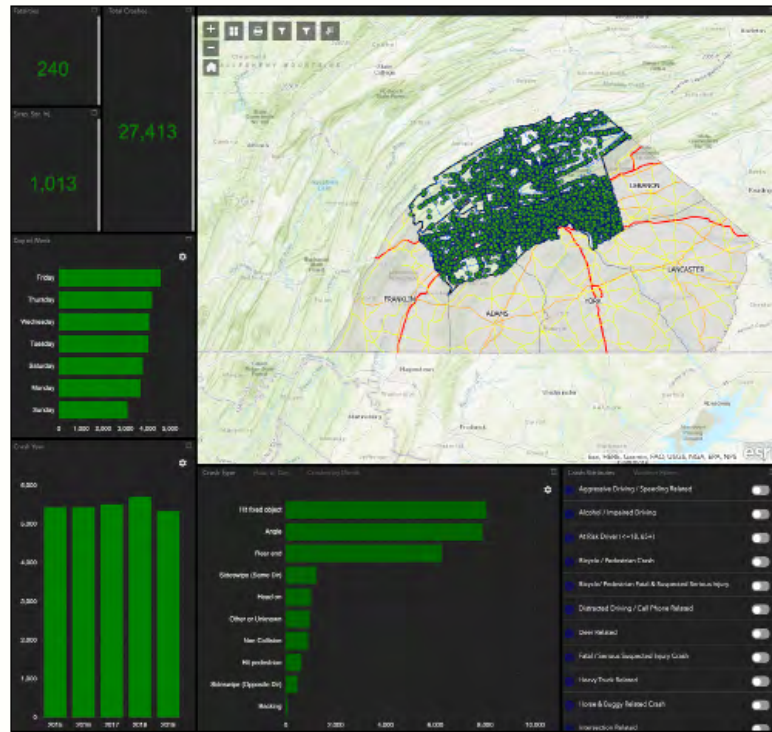
Traffic data is necessary to meet the reporting requirements of the Federal Highway Administration (FHWA) under United States Code of Federal Regulations (CFR) title 23, 420.105(b). States are required to provide data to support FHWA's highway reporting responsibilities to Congress and to the public. Traffic data reported under these regulations is submitted each year on June 15 as part of the annual Highway Performance Monitoring System (HPMS) report and is used to help determine the federal transportation funding allocated to each state. In 2021, Pennsylvania received 1.8 billion in funding due to traffic counting and HPMS efforts across the state.

PennDOT assigned 79 traffic counts and 177 HPMS Sample Sections to the HATS region

to help complete the Federally-required HPMS report. HATS staff not only fulfilled its required assignments, but also locally requested traffic counts for:

- 1 week count at Bretz Court, Perry County
- Speed Study on local road in Londonderry Township, Dauphin County
- Worked with DCNR at Michaux State Forest in starting traffic counting program and sharing data with PennDOT for their data repository
- 3 traffic counts on local roads in Susquehanna Township, Dauphin County

Tri-County is very excited about video counters that were purchased this year for multi-modal counts. These counters will aid in Bike/Pedestrian counts on roadways and trails, enabling HATS to significantly reduce our reliance on volunteer manual bike/ped counts and establish baseline conditions at key locations which will then be updated regularly. This data will aid in the development and evaluation of bike/ped planning efforts, such as the Regional Backbone developed as part of the 2045 HATS RTP, as well programming projects through the RTP Implementation Grant Program, Transportation Alternative Set Aside Program, or other conventional TIP funds.



HATS Safety Web Application



Example of an intersection video count for multi-modal applications. (Note: image provided by Spack Solutions)

Tri-County Regional Planning Commission 2021 Annual Report

2021 TCRPC STAFF ...

MANAGEMENT —

Steve Deck, AICP

Executive Director

sdeck@tcrpc-pa.org

Diane Myers-Krug, AICP

Associate Director

dkrug@tcrpc-pa.org

COUNTY/COMMUNITY PLANNING —

Gerard Duke, AICP

Dauphin County Planning Coordinator

gduke@tcrpc-pa.org

Jason R. Finnerty

Perry County Planning Coordinator

jfinnerty@tcrpc-pa.org

TRANSPORTATION PLANNING —

Andrew Bomberger, AICP

Transportation Planning Coordinator

abomberger@tcrpc-pa.org

Kyle Snyder

Transportation Planner

ksnyder@tcrpc-pa.org

Lauren Weaver

Transportation Planner

lweaver@tcrpc-pa.org

REGIONAL PLANNING —

Alexa Korber

Environmental Planner

akorber@tcrpc-pa.org

Ben Warner

Regional Planner

bwarner@tcrpc-pa.org

CONTACT TCRPC:

112 Market Street, 2nd
Floor, Harrisburg, PA

17101-2015

(717) 234-2639

www.tcrpc-pa.org

ADMINISTRATION —

Rishona Campbell

Administrative Assistant

Rhianna Dupla

Administrative Assistant

Denise Dillman

Part-time Finance Assistant

GEOGRAPHIC INFORMATION SYSTEMS —

Timothy R. Jones

HPMS Coordinator/GIS Technician

tjones@tcrpc-pa.org

COMMUNICATIONS —

Larry Portzline, APR

Communications Coordinator

lportzline@tcrpc-pa.org



FRONT COVER: Harrisburg from Negley Park, Lemoyne; housing construction along Route 322 in Derry Township; new State Archives building under construction on N. 6th St., Harrisburg; Philadelphia & Reading Railroad Bridge (Norfolk Southern) from City Island.

BACK COVER: Elizabethtown Road farm, Derry Township.