



**Municipal Outreach, Training, and Assistance Program**

**DROP-IN SESSION**

# PENNSYLVANIA'S 2045 LRTP AND FMP

FEBRUARY 10, 2022

# PRESENTERS

## **PennDOT Connects Virtual Drop-in Session LRTP and FMP**

Presenters:

Keith M. Chase, Planning and Management Consultant  
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Gannett Fleming [tphelan@gfnet.com](mailto:tphelan@gfnet.com)



# QUESTION/CHAT BOX/AUDIO CONTROL

The image shows a Zoom meeting interface with several annotations. At the top, three video thumbnails are visible. A red box labeled "Full Screen" points to the top-right corner of the meeting window. Below the thumbnails, a banner for "Local Technical Assistance" is shown, with a red box labeled "Raise Hand" pointing to the "Raise Hand" button. The main video feed shows a road scene with the text "Paveme" and "Roads Scholar I" overlaid. A red box labeled "Audio Controls" points to the audio control icons in the top-right corner of the meeting window. Another red box labeled "Question/Chat Box" points to the chat window on the right side of the screen. The chat window shows a "Question" section with a text input field and a "Send Chat To:" dropdown menu. The GoTo Webinar logo is visible at the bottom of the chat window. The bottom of the meeting window displays the date "April 2020" and the Pennsylvania Department of Transportation logo.



# HANDOUTS

In the gotowebinar toolbar:

- PDF of the presentation slides
- <https://www.penndot.pa.gov/ProjectAndPrograms/Planning/Pages/LRTP.aspx>
- [https://www.penndot.gov/ProjectAndPrograms/Planning/Documents/PennDOTConnects/PennDOT-Connects\\_Municipal-Program-Resources.pdf](https://www.penndot.gov/ProjectAndPrograms/Planning/Documents/PennDOTConnects/PennDOT-Connects_Municipal-Program-Resources.pdf)



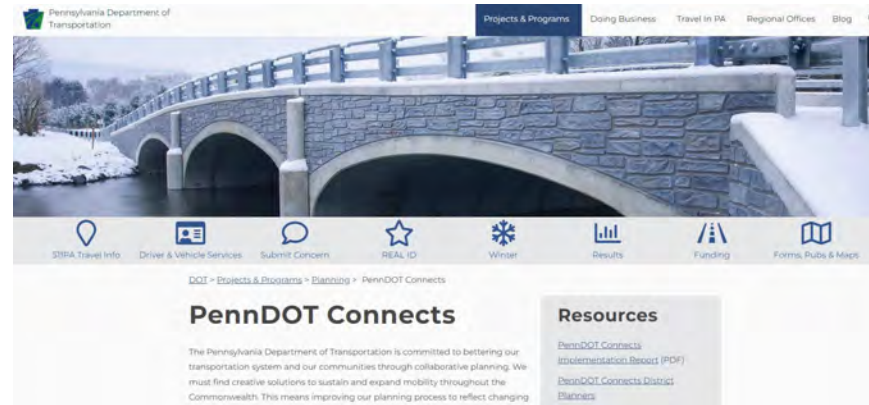
# PENNDOT CONNECTS

**Municipal  
Resources**

**Training &  
Assistance**

**Online Training**

**Newsletters &  
Tech Sheets**



<https://www.penndot.gov/ProjectAndPrograms/Planning/Pages/PennDOT-Connects.aspx>



<https://www.penndot.gov/ProjectAndPrograms/Planning/Pages/Land-Use-and-Transportation-Planning.aspx>



# FREE MUNICIPAL SUPPORT



## Municipal Support

Through PennDOT Connects, the Pennsylvania Department of Transportation and its regional planning partners are strengthening their partnerships with communities by involving local government at the very beginning of the planning process so that land use, development, and transportation are better integrated and more effective.

The PennDOT Connects policy makes changes to the project development process to enhance transportation planning. It requires communities to have meaningful opportunities for engagement in the initial stages of the planning process with PennDOT and the regional planning partners.

A more strategic approach to engagement will ensure

### PennDOT Connects Municipal Resources

[PennDOT Connects Webpage](#)

[https://www.penndot.gov/ProjectAndPrograms/Planning/Documents/PennDOTConnects/PennDOT-Connects\\_Municipal-Program-Resources.pdf](https://www.penndot.gov/ProjectAndPrograms/Planning/Documents/PennDOTConnects/PennDOT-Connects_Municipal-Program-Resources.pdf)





# PENNSYLVANIA'S 2045 LRTP AND FMP



**PENNSYLVANIA 2045**  
Long-Range Transportation Plan

 **pennsylvania**  
DEPARTMENT OF TRANSPORTATION December 2021

Pub # 394A



**PENNSYLVANIA 2045**  
Freight Movement Plan

 **pennsylvania**  
DEPARTMENT OF TRANSPORTATION December 2021

Pub # 833

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P2

FEBRUARY 10, 2022

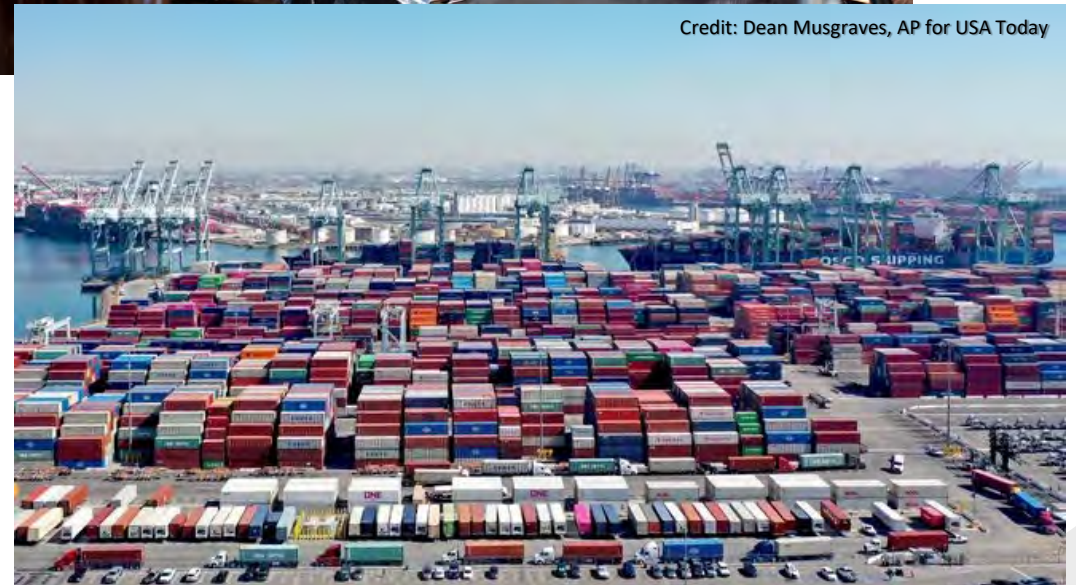


# PLANNING AMIDST ACCELERATING CHANGE

- The COVID-19 pandemic and its dramatic changes to transportation demand
- Supply chain disruptions – “supply chain” now a household phrase
- Social unrest and vexing equity-related challenges
- A contentious political environment and related societal division



Credit: Dean Musgraves, AP for USA Today





# PLANNING AMIDST ACCELERATING CHANGE

- Growth in vehicle electrification with the ambitious goals for widespread adoption
- Impacts of climate change and bold environmental commitments
- Major federal legislation and investment to help address the nation's infrastructure needs



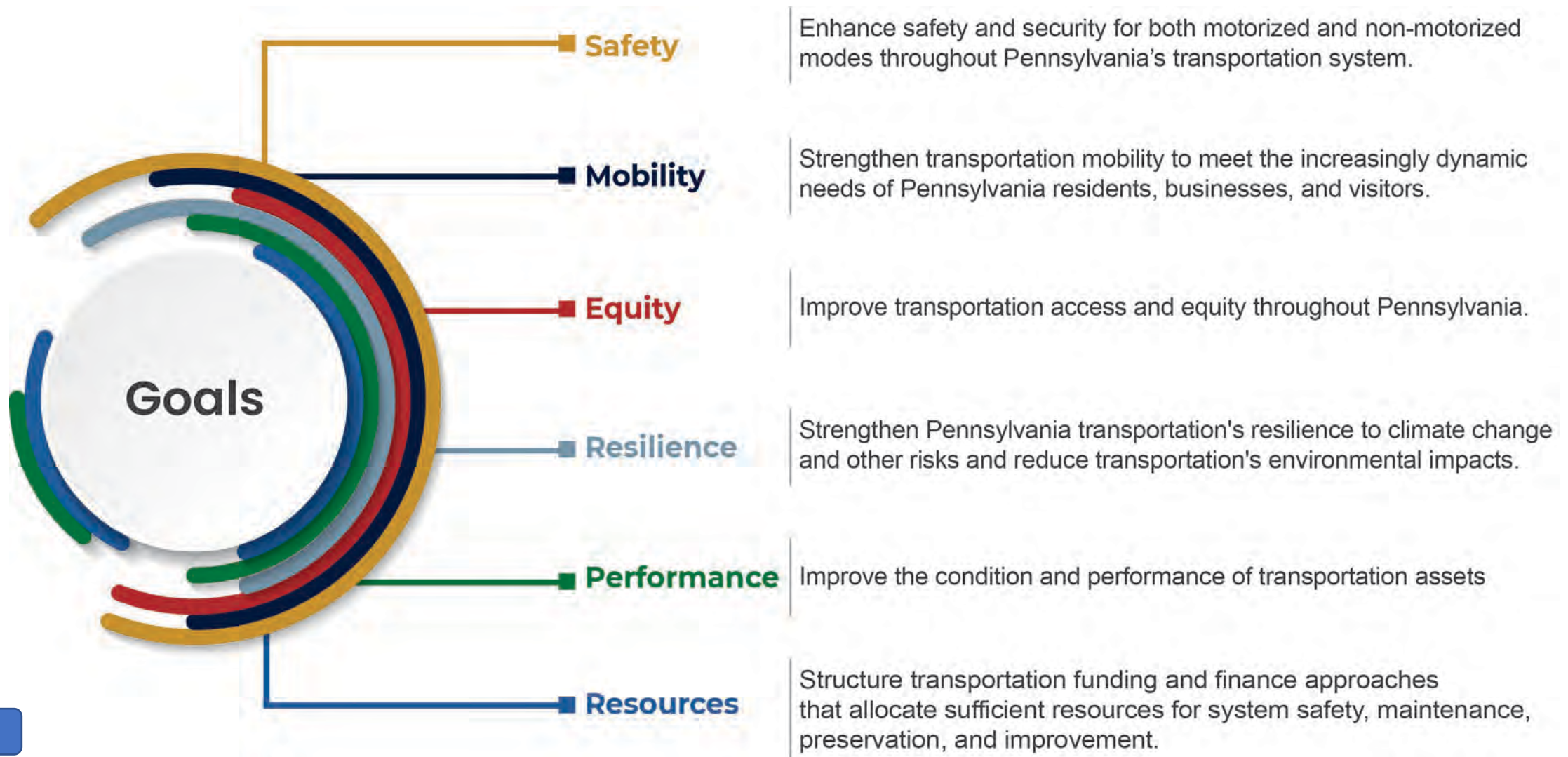
# PLANNING-PROGRAMMING-PERFORMANCE LINKAGE



\*Note: TPR also starts TYP public engagement



# LRTP GOALS



P3

P3.5





# FMP GOALS



Align freight mobility with economic development and land use.

Advance project investments that enhance freight mobility.

Provide planning, data, and analytical tools for improved decision-making.

Improve multimodal freight transportation operations and safety.





# SAMPLE ACTIONS AND INITIATIVES (FMP)



Develop statewide economic impact assessment tool.

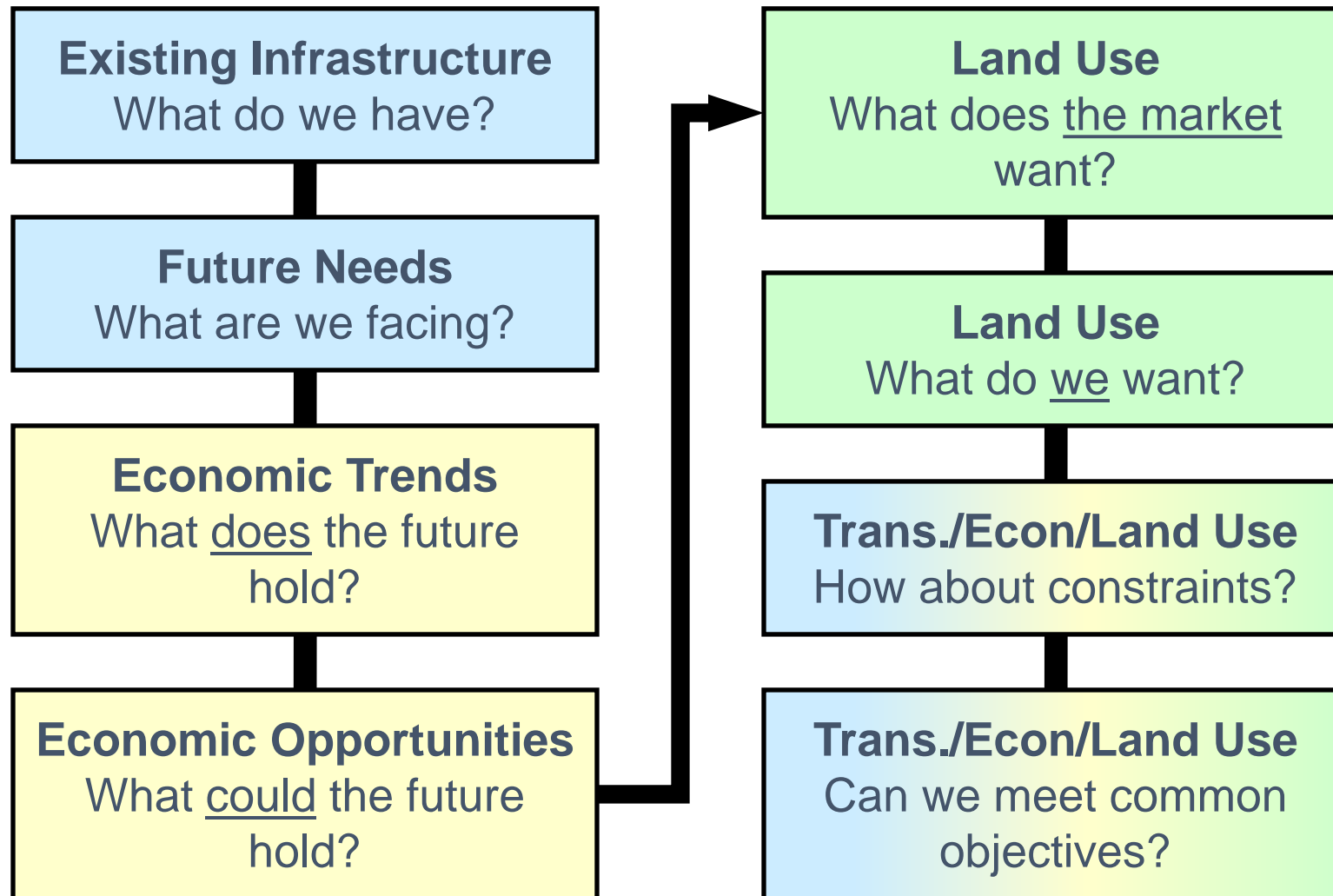
Develop parameters and standards for a Pennsylvania core freight network.

Develop guidelines for industrial development standards addressing estimated freight generation rates by land use types.

Encourage the incorporation of requirements for truck parking and staging areas in zoning and land use development regulations for industrial sites.



# LINKING LAND USE & TRANSPORTATION



# FREIGHT-ORIENTED LAND USES

## PRIMARY

- Manufacturing
- Mining/Extraction
- Agriculture

## SECONDARY

- Warehousing/Distribution
- Retail
- Institutional
- Office



# KEY LAND USE ISSUES

- **Property ratables for municipal tax revenues:** What is the highest and best use of the property?
- **Limited land:** What uses require (or benefit most from) specific location characteristics?
- **Economic impact:** “Primary” freight-intensive land uses tend to have higher economic impacts than “secondary” ones, due to generally higher value-added component and the need for more labor, and more skilled labor.
- **Infrastructure impacts:** Impact on transportation and utilities (e.g., water use for some manufacturing processes is a major issue).
- **Environmental impacts:** Noise, air quality, general quality of life.





# KEY LAND USE ISSUES (CONT'D)

- **Truck parking:** Complex issue related to Federal hours-of-service rules, rest requirements, staging for deliveries, etc.
- **Traffic congestion:** Roadway capacity, truck turning radii, signal timing at major intersections, etc.
- **Truck idling:** Air quality and noise, especially near sensitive land uses (schools, hospitals, residential areas, etc.).
- **Community impacts** from trucks traveling through local neighborhoods.
- **Historic buildings:** Vibration impacts from heavy vehicles on adjacent streets.



# LOCAL GOVERNMENT COLLABORATION - LRTP



1

Through state and local collaboration, identify new funding sources and revenue streams that allow for innovation, flexibility, and blending in implementation.



2

Work with local and county officials to inventory needed transportation improvements and costs by region and track costs/benefits to assess return on investment



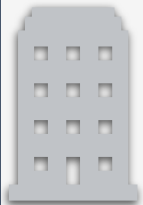
3

Revisit and work with local governments on the feasibility of local bridge bundling programs



4

Within each state agencies and MPO/RPOs, identify the types of institutional knowledge that should be transferred to future staff members.



5

Infrastructure development with county planning, GIS departments, and EMAs



6

Cross-agency and inter-agency data standardization



# LOCAL GOVERNMENT COLLABORATION - FMP



Refinement/expansion of Critical Urban and Critical Rural Freight Corridors

1



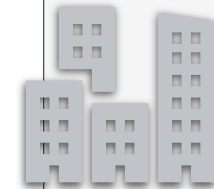
Identify and adopt changes to the MPC, local government ordinances and regulations, and state agency policies and regulations to keep pace with rapidly changing land use patterns

2



Discussions and collaboration with other state agencies related to planning and land use

3



Enhance ordinances for transportation and land use

4



# PLAN IMPLEMENTATION AND GOVERNANCE

- Leadership involvement in implementation
- Progress reporting to PMC (2 times per year)
- PMC direction/feedback on key actions and initiatives
- STC periodic updates





# IMPLEMENTATION ACTION PLAN



Role	STRATEGIC OVERSIGHT	TRACKING & REPORTING	BUREAU POC	ACTION OWNER	ACTION TEAM MEMBER
Responsibility	PennDOT's Program Management Committee has overall responsibility for prioritizing plan implementation and sustained commitment to progress and reporting.	Planning & Contract Management maintains the master implementation spreadsheet and point person(s) for overall progress tracking and reporting.	Each entity assigned as a lead for an action (typically at the PennDOT Bureau level) establishes a point of contact responsible for coordination and follow-up within that entity to ensure progress according to the overall schedule, and to report to and coordinate with the Program Center as action status changes or other needs arise.	Each Bureau or other lead implementation entity assigns an owner from among its staff for each of its actions. This individual is responsible for accomplishing that action, with the support of a team of collaborators.	Action owners lead a team of collaborators from within and beyond their entity as appropriate to accomplish the designated action.



# OTHER TOPICS

- PennDOT Connects and the LRTP and Freight Plan
- Data Repository



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P8

P9







***“Leadership is the capacity to translate vision into reality.”***

– Warren Bennis

***“The best way to predict the future is to create it.”***

– Peter Drucker



# PENNDOT CONNECTS

## Webpages:

### **PennDOT Connects**

<https://www.penndot.gov/ProjectAndPrograms/Planning/Pages/PennDOT-Connects.aspx>

### **Municipal Resources**

<https://www.penndot.gov/ProjectAndPrograms/Planning/Pages/Land-Use-and-Transportation-Planning.aspx>

**Phone:** 717-710-2090


**Email:** [PAConnects@pa.gov](mailto:PAConnects@pa.gov)





# ASSISTANCE

## Municipal Resources for Land Use And Transportation Planning

Request  
Municipal  
Assistance or  
Training 

All services are free to municipalities.

## Planning Assistance

## PennDOT Connects Municipal Program Resources

[PennDOT Connects Municipal  
Program Resources \(PDF\)](#)

[Online Training](#)

[Drop-Ins and Webinars](#)

[Technical Information Sheets](#)

[Newsletters](#)

[Newsletter Sign Up !\[\]\(d3102649f02e825ddb76dc3de0190154\_img.jpg\)](#)

(Fill out this form to receive  
monthly electronic newsletter and

<https://www.penndot.gov/ProjectAndPrograms/Planning/Pages/Land-Use-and-Transportation-Planning.aspx>





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# INTRODUCTION TO ACTIVE TRANSPORTATION

[REGISTRATION LINK](#)

MARCH 10, 2022