# Agenda

- LPTCP Steering Committee, Meeting #4
- November 11, 2020
- 7:30 – 8:50 PM

1. Welcome & Recap Discussion Session (10 minutes)
2. Transportation Projects: Planning and Funding (10 minutes)
3. Guest Speaker Q&A (15 minutes)
4. Transportation Presentation (20 minutes)
5. Transportation Discussion (15 minutes)
6. Public Comment (10 minutes)

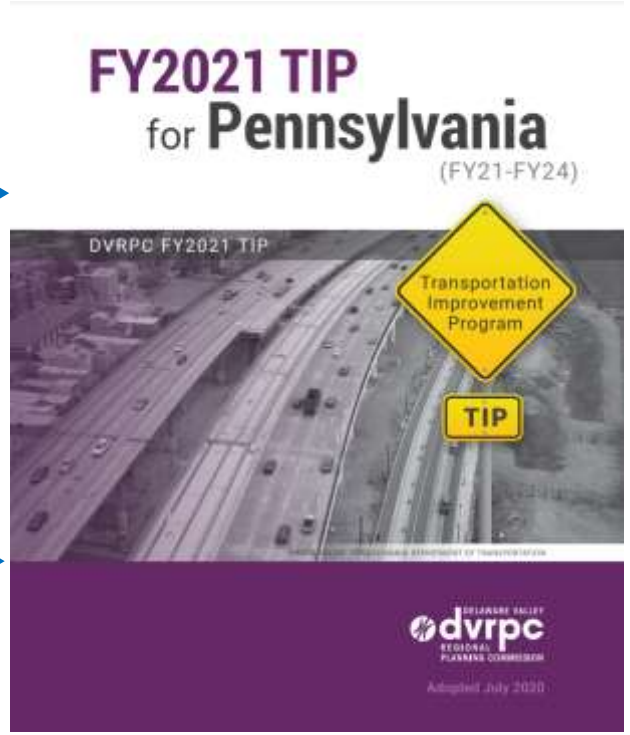
# Transportation

Getting around in Lower Providence

# The TIP is the Region's Capital Budget

## for Federal & State Transportation Funds

The Plans




The Budget

# MontCo Highlights

73 Projects Totaling $965 million over 12 years

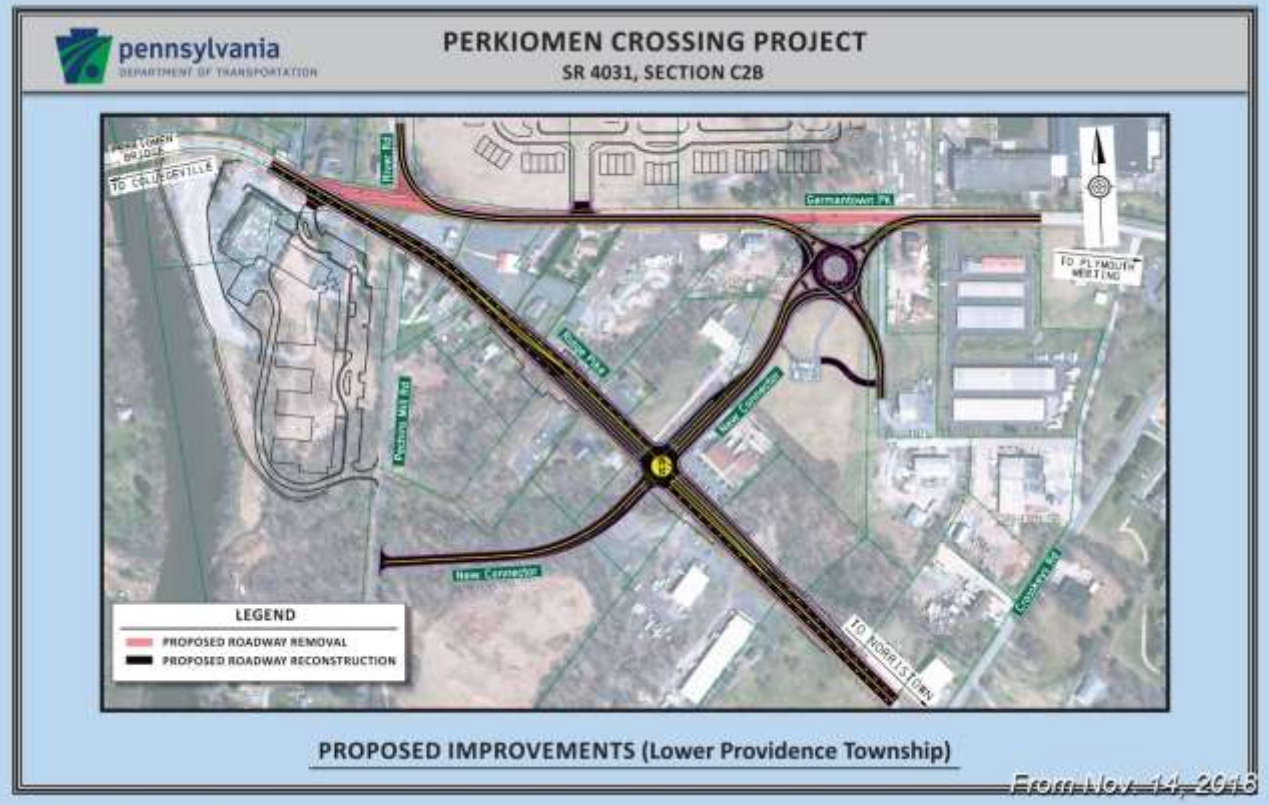
Includes 18 alternative grant projects (HSIP, TAP)

9 total projects added since FY2019 TIP
Most are maintenance or grant projects

2 major projects added since FY2017 TIP: Belmont Avenue Bridge over Schuylkill River and Philmont/Tomlinson/Pine intersection

2 projects pushed to "Year 13": Belmont Ave/ Rock Hill Rd and Collegeville Bridge Crossing

# Example: Ridge & Germantown Realignment



# Example: Crawford, Eagleville, S. Park Intersection

# The Road Network

TOTAL: **149.52** miles of roads

| Road Owner | Miles | Percent | Example |
|---|---|---|---|
| Federal | 4.97 | 3.3% | Rt. 422 |
| State | 29.56 | 19.8% | Ridge Pike |
| County | 7.32 | 4.9% | Germantown Pike |
| **Township** | **96.24** | **64.3%** | **Rittenhouse Road** |
| Private | 11.43 | 7.6% | Surrey Lane |

Source: MCPC

# Traffic Volume

- https://www.dvrpc.org/webmaps/trafficcounts/

| Annual Average Daily Traffic (AADT) | Roadway |
|---|---|
| ~60,000 | Rt-422 (total, east and west) |
| ~19,000 | Egypt Road |
| ~7,000 | Audubon Road |
| ~4,800 | Level Road |
| ~1,700 | Sunnyside Ave |

Source: DVRPC

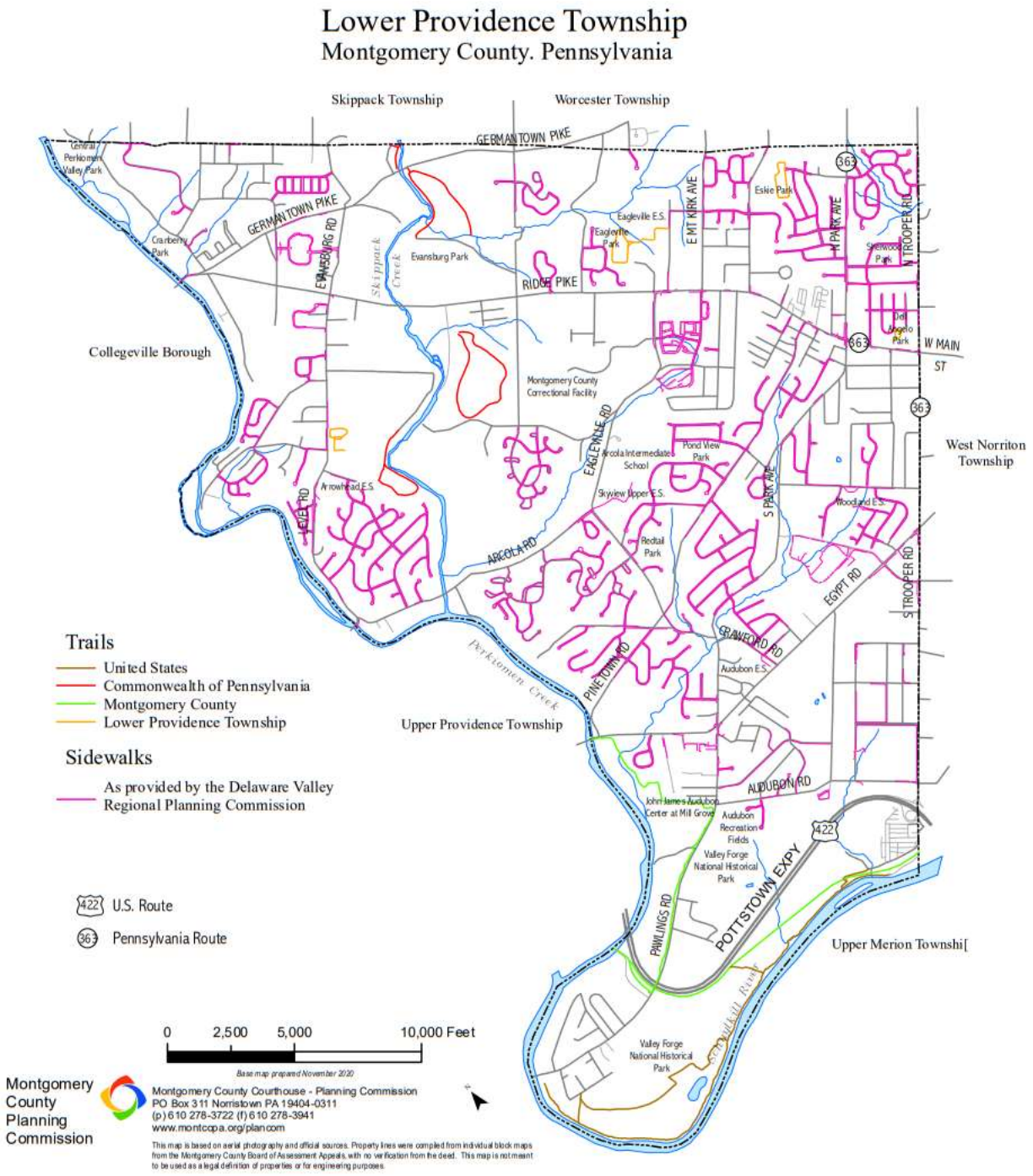
# Going Off-Road

**44** miles of Sidewalks

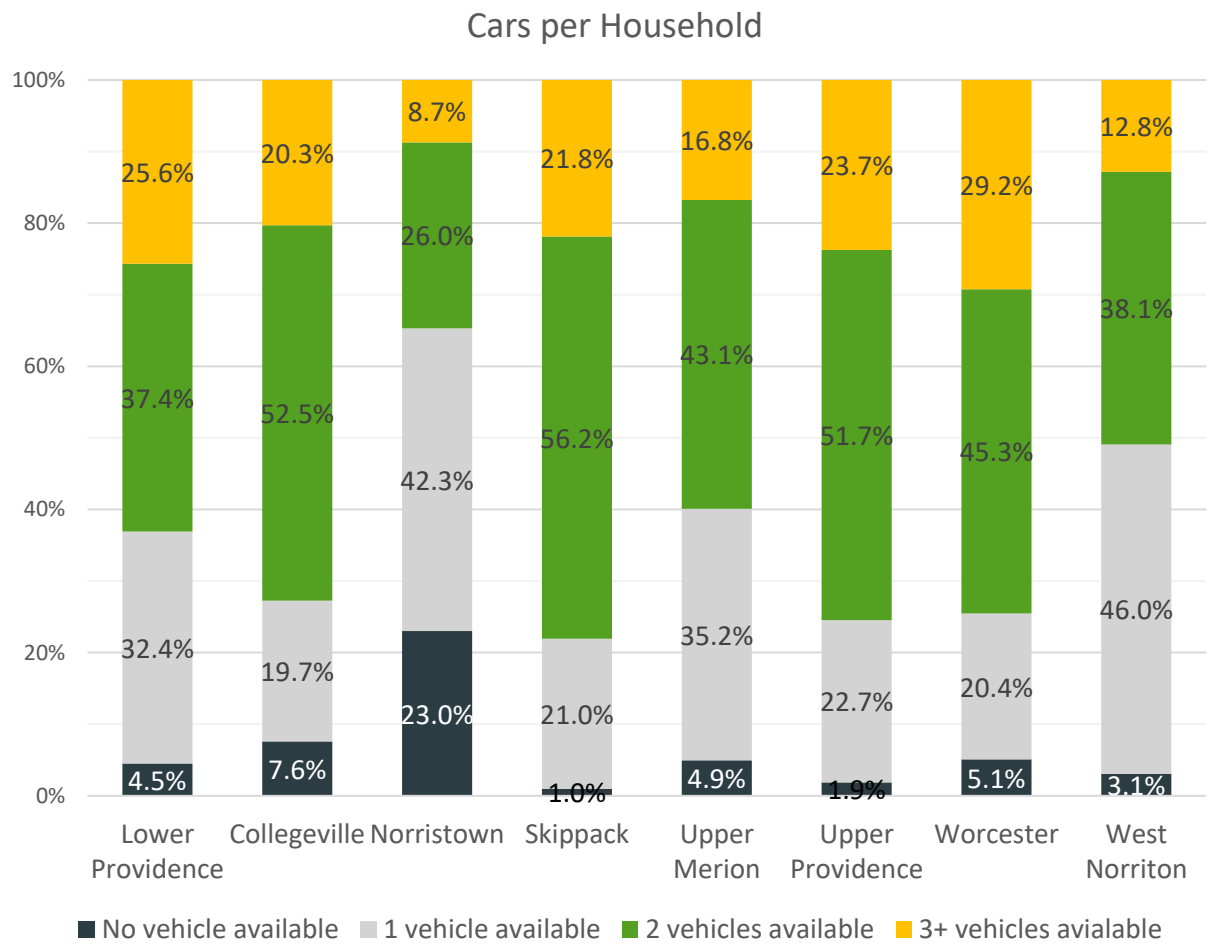
**14.6** miles of Trails

| Trail Owner | Miles | Percent | Example |
|---|---|---|---|
| Federal | 4.72 | 32.4% | Valley Forge NHP |
| State | 3.36 | 23.1% | Evansburg SP |
| County | 4.47 | 30.7% | Audubon Center |
| **Township** | **2.00** | **13.7%** | **Eskie Park** |

Source: MCPC



# Car Ownership




**Average annual expenditures and characteristics of all consumer units, 2015–18**

| Item | 2015 | 2016 | 2017 | 2018 |
|---|---|---|---|---|
| Transportation | 9,503 | 9,049 | 9,576 | 9,761 |
| Vehicle purchases (net outlay) | 3,997 | 3,634 | 4,054 | 3,975 |
| Gasoline, other fuels, and motor oil | 2,090 | 1,909 | 1,968 | 2,109 |
| Other vehicle expenses | 2,756 | 2,884 | 2,842 | 2,859 |
| Public and other transportation | 661 | 623 | 712 | 818 |

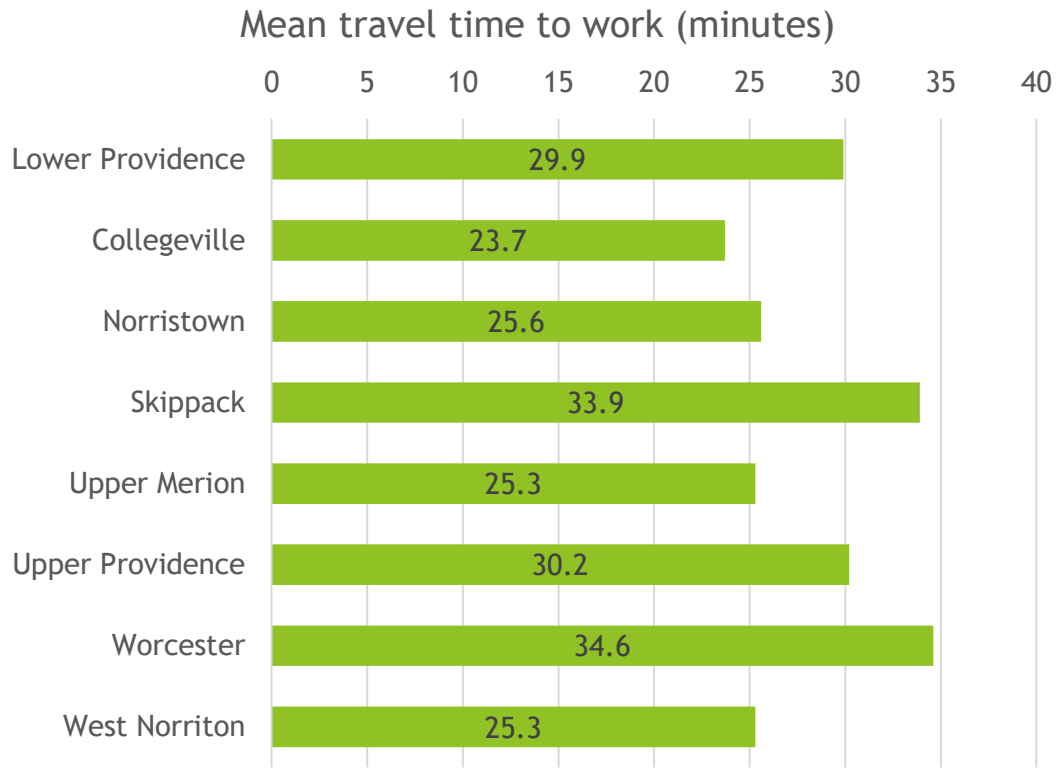
In 2018, US households spent an average of

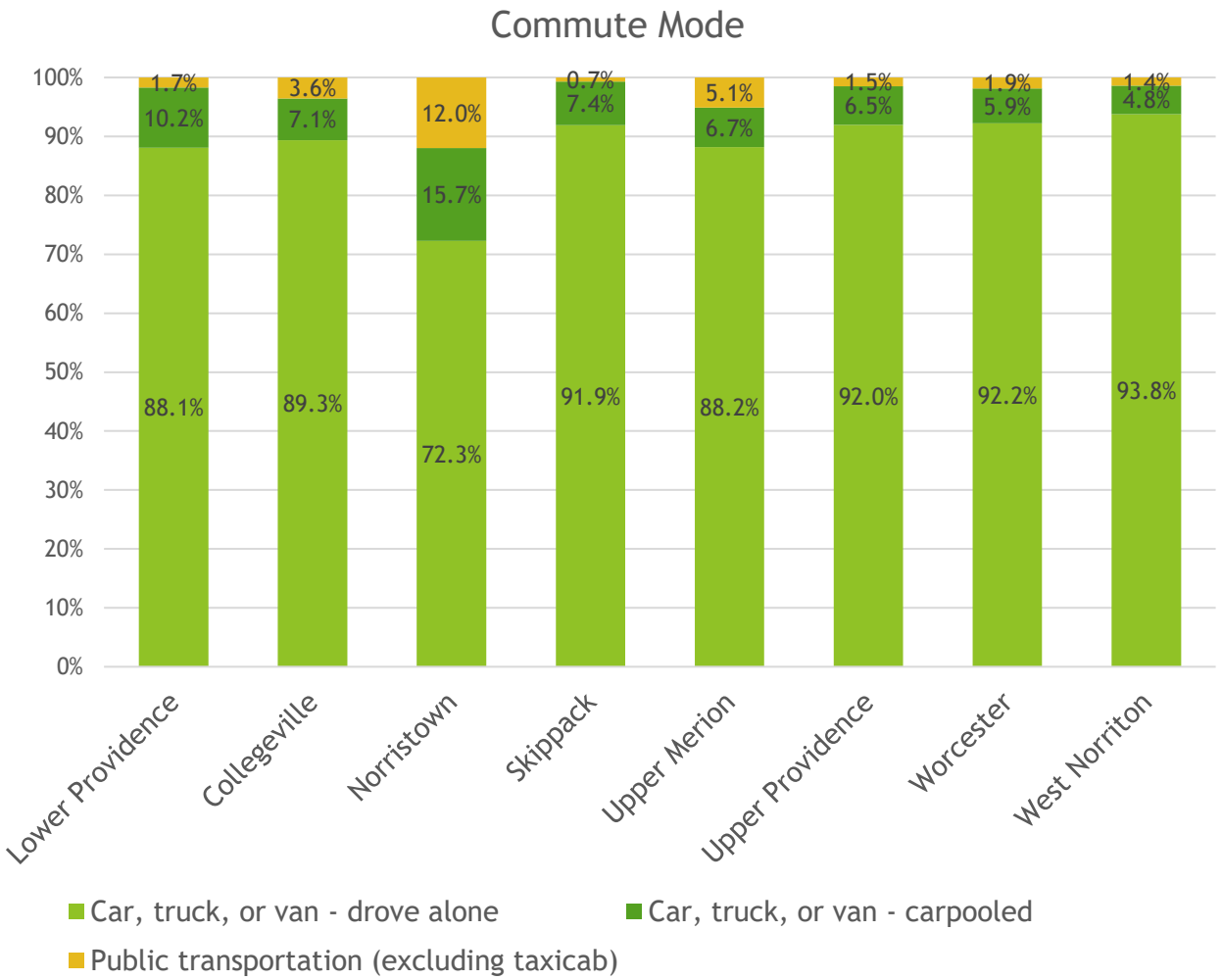
**$8,943**

on vehicles and related expenses

Source: 2018 ACS 5-Year Estimates, Bureau of Labor Statistics

# Commuting: Times and Modes



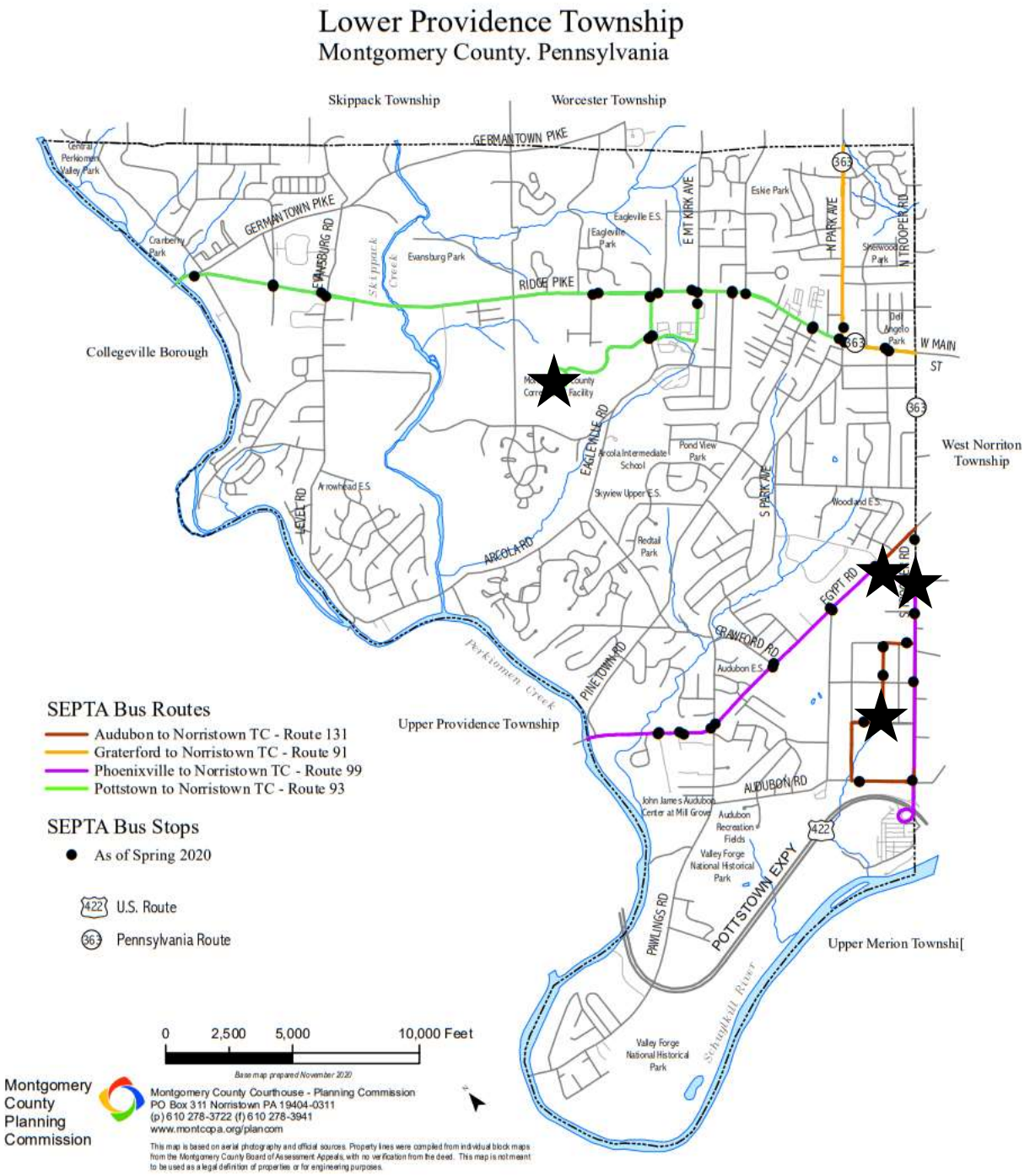




Source: 2018 ACS 5-Year Estimates

# Buses

| Busiest Stops<br>most in need of pedestrian connections to and from stop location | | | | | |
|---|---|---|---|---|---|
| | | | Total Travelers<br>(Boards + Leaves) | | |
| Route | Direction | Stop Name | Weekday | Saturday | Sunday |
| 131 | Westbound | Shannondell Blvd & Trooper Rd | 78 | 40 | 31 |
| 131 | Eastbound | Shannondell Blvd & Trooper Rd - FS | 49 | 28 | 26 |
| 99 | Eastbound | Shannondell Blvd & Trooper Rd | 45 | 33 | 20 |
| 93 | Eastbound | Montgomery County Correctional Facility | 43 | 19 | 0 |
| 93 | Westbound | Montgomery County Correctional Facility | 42 | 16 | 0 |
| 131 | Westbound | Jefferson Av & Monroe Blvd | 42 | 0 | 0 |
| 131 | Westbound | Shannondell Blvd & Egypt Rd - FS | 38 | 24 | 17 |
| 131 | Westbound | Monroe Blvd & Adams - MBNS | 32 | 0 | 0 |
| 99 | Westbound | Shannondell Blvd & Trooper Rd - FS | 31 | 24 | 17 |

Source: SEPTA



# Buses

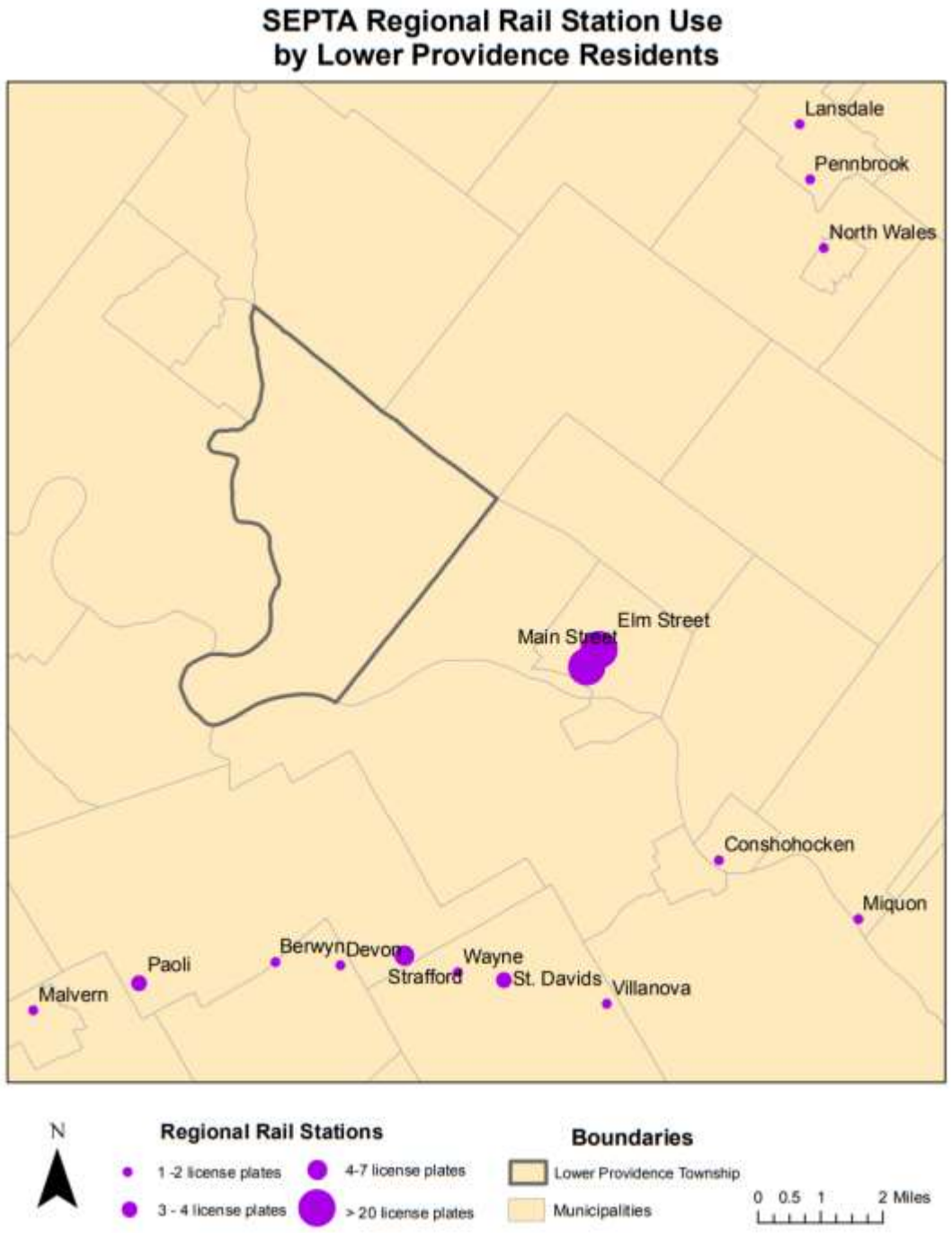
| Most Boards<br>Best Places for Bus Shelters | | | |
|---|---|---|---|
| Route | Direction | Stop_Name | most boards |
| 131 | Eastbound | Shannondell Blvd & Trooper Rd - FS | 48 |
| 93 | Eastbound | Montgomery County Correctional Facility | 37 |
| 99 | Eastbound | Shannondell Blvd & Trooper Rd | 36 |
| **93** | **Eastbound** | **Ridge Pk & Eaglestream Dr** | **20** |
| 99 | Eastbound | Trooper Rd & Audubon Rd | 16 |
| 131 | Eastbound | Shannondell Blvd & Egypt Rd - MBNS | 15 |
| 131 | Westbound | Trooper Rd & Shannondell Blvd - FS | 12 |
| 93 | Westbound | Montgomery County Correctional Facility | 10 |

Source: SEPTA

# Trains

| Station | Line | Lower Providence License Plate Count | Survey Year |
|---|---|---|---|
| Norristown Transportation Center | NHSL and Manayunk/Norristown | 43 | 2018 |
| Main Street | Manayunk/Norristown | 26 | 2019 |
| Elm Street | Manayunk/Norristown | 23 | 2019 |
| Strafford | Paoli/Thorndale | 7 | 2017 |
| Dekalb Street | NHSL | 6 | 2018 |
| Paoli | Paoli/Thorndale | 4 | 2017 |
| St. David's | Paoli/Thorndale | 3 | 2018 |
| Gulph Mills | NHSL | 2 | 2018 |
| North Wales | Landsdale/Doylestown | 2 | 2012 |
| Miquon | Manayunk/Norristown | 2 | 2013 |
| Wayne | Paoli/Thorndale | 2 | 2018 |
| Berwyn | Paoli/Thorndale | 2 | 2017 |
| Devon | Paoli/Thorndale | 2 | 2017 |
| Bryn Mawr | NHSL | 1 | 2018 |
| Lansdale | Landsdale/Doylestown | 1 | 2017 |
| Pennbrook | Landsdale/Doylestown | 1 | 2011 |
| Consohocken | Manayunk/Norristown | 1 | 2019 |
| Malvern | Paoli/Thorndale | 1 | 2017 |
| Villanova | Paoli/Thorndale | 1 | 2018 |

Source: DVRPC



# Transportation Issues

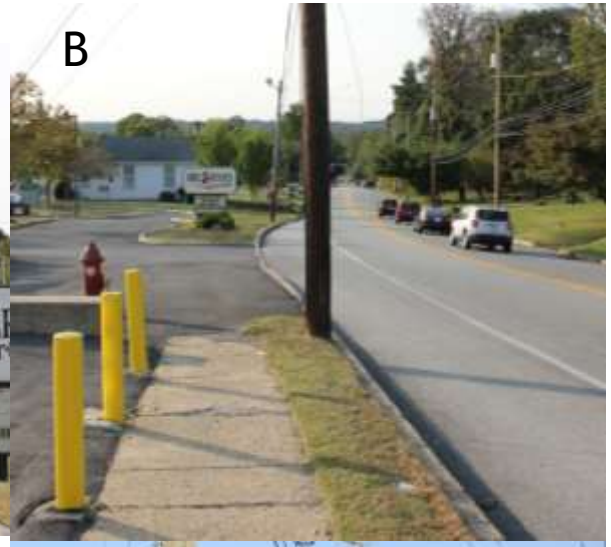
**Access:**

Where trips begin and end

**Mobility:**

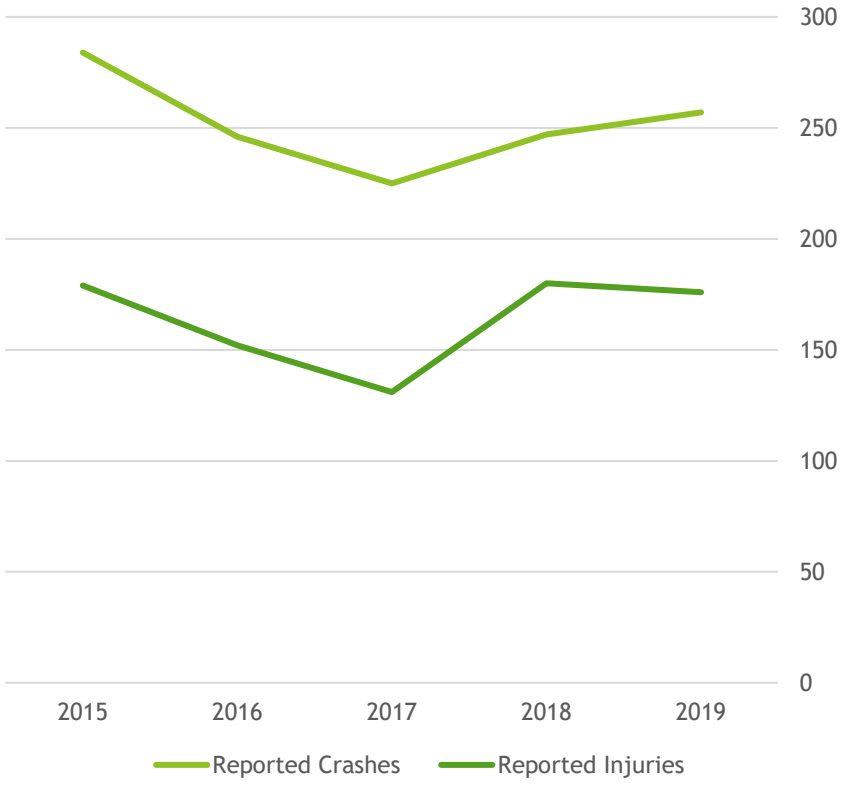
Covering the distance

# Access Management



West Main Street Vision Plan (2018)

# Transportation Issues



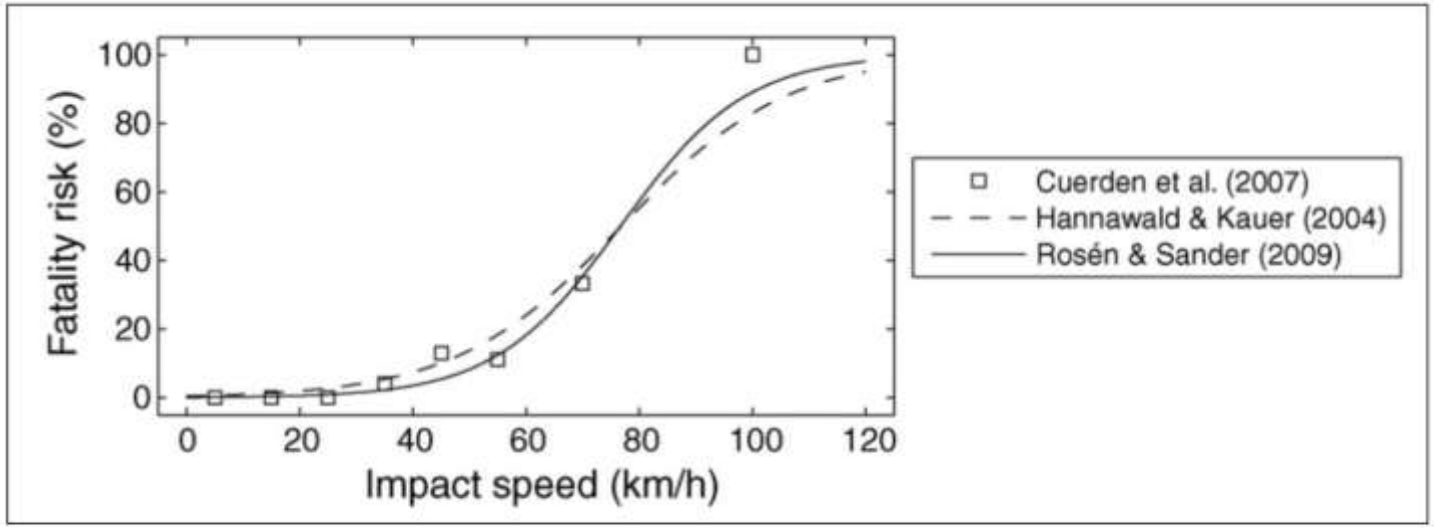




Figure 1. *The fatality rate of pedestrians in crashes with passenger cars as function of the collision speed (from Rosén et al., 2011).*

Source: PennDOT, FHWA

# Complete Streets

According to Smart Growth America's National Complete Streets Coalition:

> "Complete Streets are streets for everyone. They are designed and operated to enable safe access for all users, including pedestrians, bicyclists, motorists and transit riders of all ages and abilities."

Montgomery County adopted a Complete Streets Policy in 2019

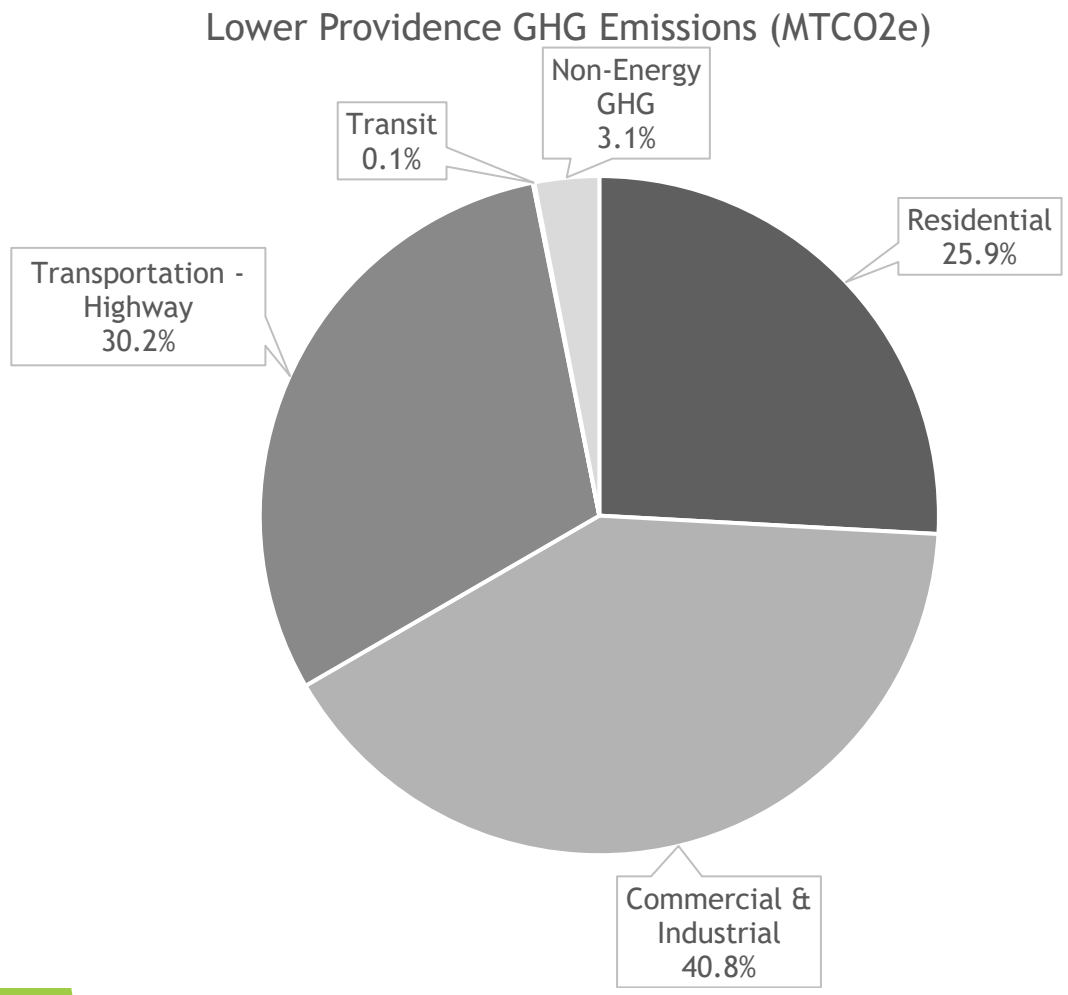
The policy can serve as a framework for local complete street policies to follow

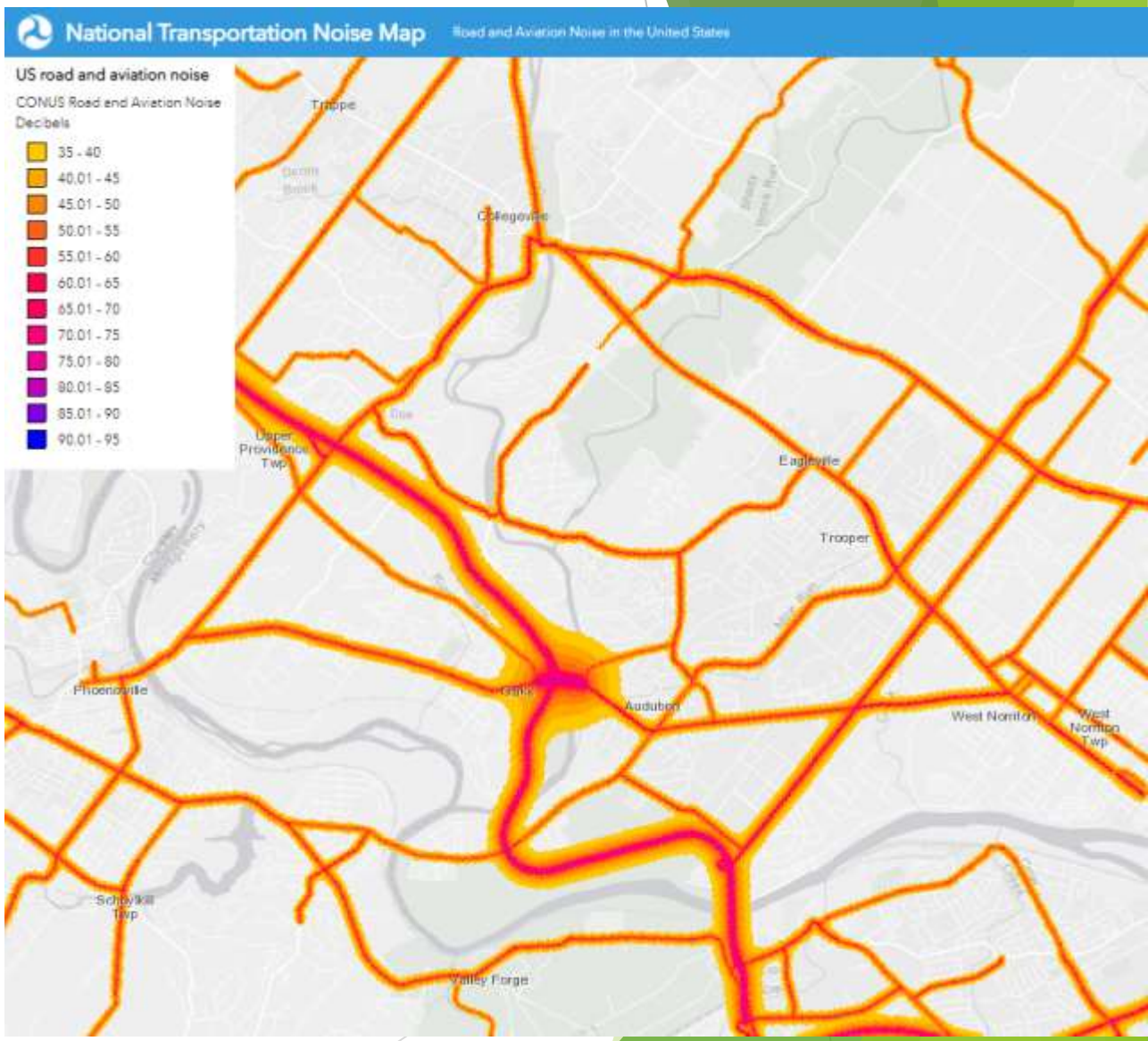
## What is a Complete Street?

- Sidewalks
- Well marked bike lanes
- Transit shelters
- A mid-block crosswalk with both a center island and highly visible signage

*1st Avenue, King of Prussia, PA*
*MCPC*

# Transportation Issues




Source: DVRPC, USDOT

# Upcoming Meetings

- December 9: Infrastructure
- January 20: Employment and Economic Development
- February 17: Community & Culture