

# ACTPO

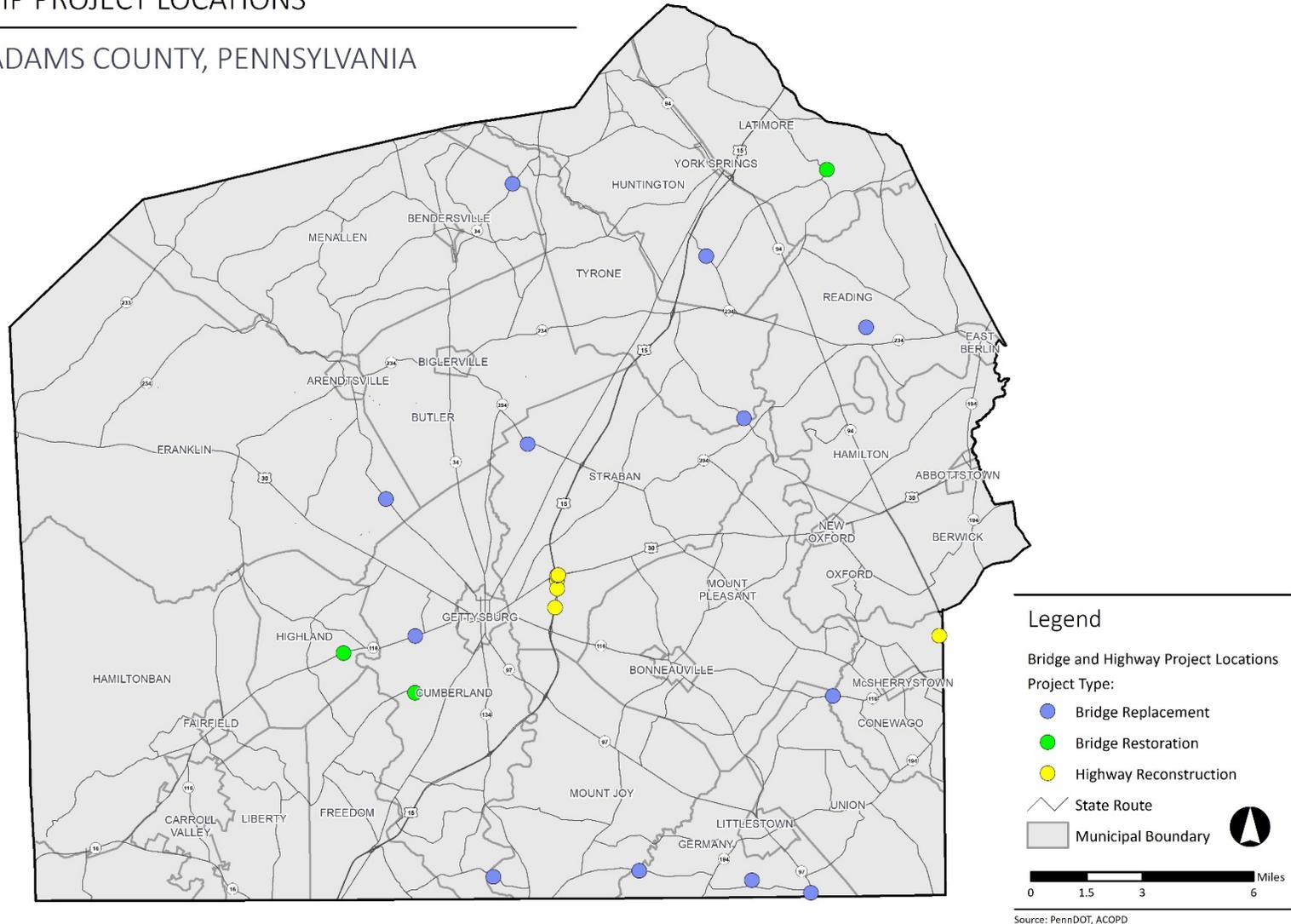
## July 29, 2020



# 2021 - 2024 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)

## TIP PROJECT LOCATIONS

### ADAMS COUNTY, PENNSYLVANIA

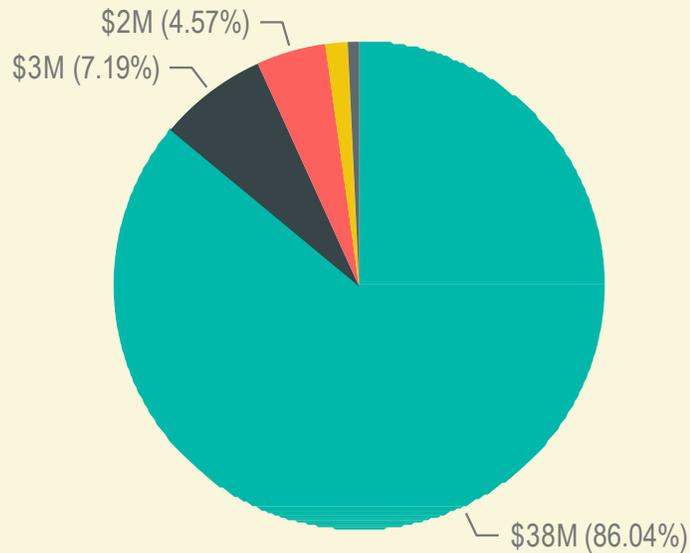


# Comparison Between 2019 and 2021 TIPs

## Current 2019 TIP FFY 2021-2024

### Program Phase Amount

Phase ● CON ● PE ● FD ● UTL ● ROW



Number of MPMS Projects (Includes Line Items)

44

Construction Program Amt (Includes Line Items)

\$38M

Program Phase Amount (Includes Line Items)

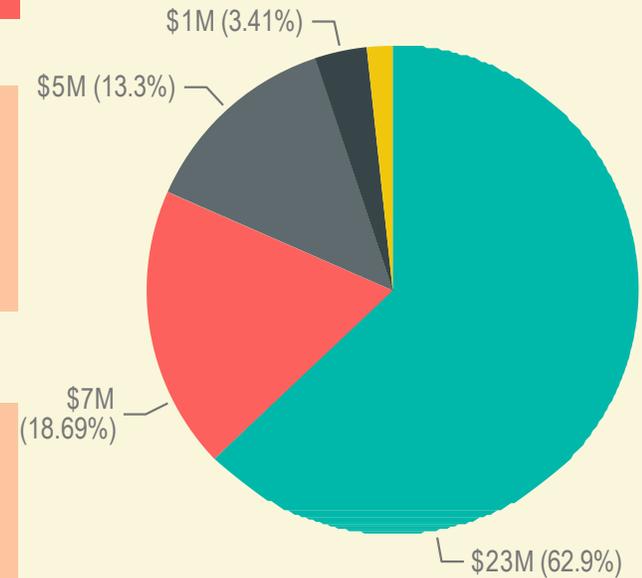
\$44M

- \*MPMS - Project ID in the Multimodal Project Management System
- \*TIP - Transportation Improvement Program
- \*FFY- Federal Fiscal Year
- \*PE-Preliminary Engineering
- \*FD-Final Design
- \*UTL-Utility
- \*ROW- Right of Way
- \*CON-Construction

## Draft 2021 TIP FFY 2021-2024

### Program Phase Amount

Phase ● CON ● FD ● ROW ● PE ● UTL



Number of MPMS Projects (Includes Line Items)

21

Construction Program Amt (Includes Line Items)

\$23M

Program Phase Amount (Includes Line Items)

\$36M

New Projects (Excludes Line Items)

1

Carryover Projects (Excludes Line Items)

16

# 2021-2024 TIP – New Projects

MPMS/Title	PE	Total
90740-Alloway Creek Bridge (Bridge Replacement on SR2014 (Harney Road) over Alloway Creek in Germany Township and Mount Joy Township)	\$172,000	\$172,000
<b>Total</b>	<b>\$172,000</b>	<b>\$172,000</b>

# 2021-2024 TIP - Breakdown

Funding Type and Number of MPMS			Count of MPMS By Improvement		Programmed Amount by Improvement and Year					
Fund Type	Count of MPMS	Program Phase Amount	Improvement	Count of MPMS	Improvement	1	2	3	4	Total
183	2	\$387,201	Bridge Preservation Activities	1	Bridge Improvement	\$1,749,117	\$2,447,715	\$3,643,737	\$2,141,712	\$9,982,281
185	7	\$4,241,799	Interchange Improvement	1	Bridge Preservation Activities	\$600,000	\$600,000			\$1,200,000
581	5	\$11,277,000	New Roadway	1	Bridge Rehabilitation	\$950,000	\$1,088,000	\$1,913,000		\$3,951,000
BOF	4	\$2,348,000	Safety Improvement	1	Bridge Replacement	\$2,361,233	\$1,453,000	\$424,000	\$1,000,000	\$5,238,233
HSIP	1	\$3,516,000	Miscellaneous	2	Interchange Improvement				\$2,000,000	\$2,000,000
LOC	2	\$128,944	Bridge Rehabilitation	4	Miscellaneous	\$61,650	\$253,266	\$538,888	\$85,517	\$939,321
NHPP	4	\$7,557,000	Bridge Replacement	5	New Roadway	\$1,126,000	\$1,044,000	\$2,759,000	\$4,130,109	\$9,059,109
STP	8	\$6,430,000	Bridge Improvement	6	Safety Improvement	\$879,000	\$879,000	\$879,000	\$879,000	\$3,516,000
<b>Total</b>	<b>21</b>	<b>\$35,885,944</b>	<b>Total</b>	<b>21</b>	<b>Total</b>	<b>\$7,727,000</b>	<b>\$7,764,981</b>	<b>\$10,157,625</b>	<b>\$10,236,338</b>	<b>\$35,885,944</b>

NHPP- National Highway Performance Program-Federal funds directed towards the National Highway System for Bridge and Roadway Projects.

STP/STU - Surface Transportation Program (Urban) - Federal funding that can be used on any federally eligible activity.

CAQ – Congestion Mitigation/Air Quality- Federal Funds utilized to implement projects to improve air quality.

HSIP- Highway Safety Improvement Program- Federal Funds directed towards projects that will implement measures to reduce or prevent.

BOF- Bridge Off System- Federal Funds to be utilized on bridges that are not on the Federal Aid System and the bridge is greater than 20 feet.

TAP/TAU- Transportation Alternative Program- Federal Funds primarily focused on Bicycle and Pedestrian Improvements. TAU is the TAP funding allocated to MPO's with a population greater than 200,000.

581- State funds that can be utilized on highway or bridge projects that have approved capital budget.

185/183- State funds that can be utilized on bridge projects that have approved capital budget.

## 2021-2024 TIP – Improvement by Funding Type

Improvement	183	185	581	BOF	HSIP	LOC	NHPP	STP	Total
Bridge Improvement	\$237,201	\$2,506,690		\$2,242,000		\$78,944		\$4,917,446	\$9,982,281
Bridge Preservation Activities			\$1,200,000						\$1,200,000
Bridge Rehabilitation		\$213,000	\$1,450,000	\$106,000			\$1,913,000	\$269,000	\$3,951,000
Bridge Replacement	\$150,000	\$838,000	\$252,000			\$50,000	\$2,955,000	\$993,233	\$5,238,233
Interchange Improvement							\$2,000,000		\$2,000,000
Miscellaneous							\$689,000	\$250,321	\$939,321
New Roadway		\$684,109	\$8,375,000						\$9,059,109
Safety Improvement					\$3,516,000				\$3,516,000
<b>Total</b>	<b>\$387,201</b>	<b>\$4,241,799</b>	<b>\$11,277,000</b>	<b>\$2,348,000</b>	<b>\$3,516,000</b>	<b>\$128,944</b>	<b>\$7,557,000</b>	<b>\$6,430,000</b>	<b>\$35,885,944</b>

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# Projects Implemented from the 2019 TIP

- US 15 Safety Improvements (MPMS# 102333) – Anticipated Let on 5/18/20.
- PA 94 & 394 Intersection Improvement – Under Construction
- Baltimore Pike Resurfacing 3 (105336) – Completed
- Heidlersburg Road Bridge (87426) – Completed
- PA 234 Bridge (90693) – Completed
- Mud Run Bridge (78638) – Completed
- Water Street Bridge (87430) – Completed
- Gettysburg Area Trail System (Inner Loop) Phases A1 & A2 – Completed

# How does the current TIP compare to previous TIPs?

TIP	Funding	% Change
<i>2005-2008</i>	\$48,176,913	N/A
<i>2007-2010</i>	\$57,524,005	19%
<i>2009-2012</i>	\$90,921,580	58%
<i>2011-2014</i>	\$60,195,227	-34%
<i>2013-2016</i>	\$54,445,500	-10%
<i>2015-2018</i>	\$67,557,000	24%
<i>2017-2020</i>	\$54,976,486	-19%
<i>2019-2022</i>	\$45,949,250	-16%
<i>2021-2024</i>	\$36,686,645	-20%

# TIP Funding Sources Over Time

<i>Funding Source</i>	<i>2013-2016</i>	<i>2015-2018</i>	<i>2017-2020</i>	<i>2019-2022</i>	<i>2021-2024</i>
<i>Federal</i>	\$40,486,000	\$24,670,000	\$27,042,236	\$25,932,000	\$20,651,701
<i>State</i>	\$13,692,000	\$42,732,000	\$27,873,000	\$19,926,000	\$15,906,000
<i>Local</i>	\$266,500	\$155,000	\$61,250	\$91,250	\$128,944
<i>Total</i>	\$54,445,500	\$67,557,000	\$54,976,486	\$45,949,250	\$36,686,645

# Public Comments

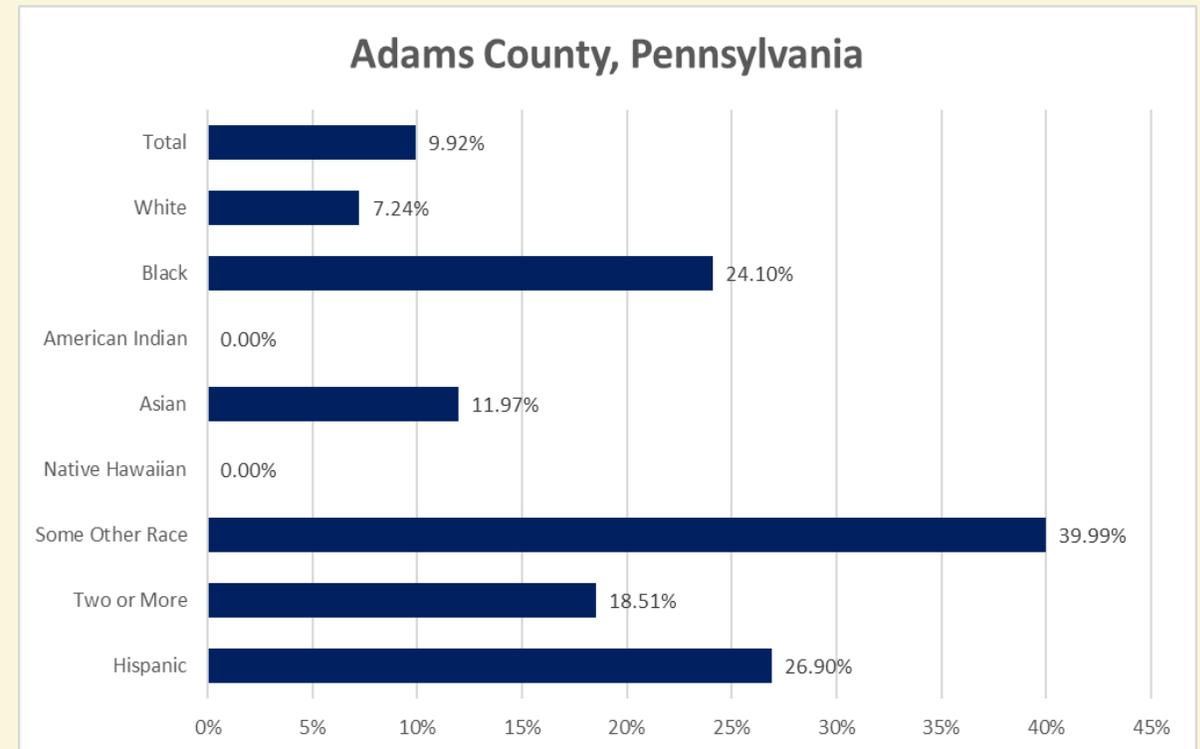
- Public Comment Period held from June 15, 2020 to July 17, 2020
- Public Meeting held via WebEx on July 1, 2020 at 6 p.m.
- Comments received:
  - Adding Chambersburg Road (SR 30) and Herr's Ridge Road intersection improvements to TIP from Cumberland Township.
  - Pedestrian facilities on Rock Creek Bridge (SR 3002).
  - Opposing the TSM Alternative of the Eisenhower Drive Extension project.
  - Comments regarding the overall Eisenhower Drive Extension project.

# Environmental Justice

## Profile of Low-Income and Minority Populations, 2017

Demographic Indicator	Adams County, Pennsylvania	
	County Population	County Percentage
Total	101,589	
White, Non-Hispanic	90,912	89.49%
<b>Minority</b>	<b>10,677</b>	<b>10.51%</b>
Black or African American, Non-Hispanic	1,399	1.38%
American Indian and Alaska Native, Non-Hispanic	32	0.03%
Asian alone, Non-Hispanic	717	0.71%
Native Hawaiian and Other Pacific Islander, Non-Hispanic	-	-
Some other race, Non-Hispanic	42	0.04%
Two or more races, Non-Hispanic	1,596	1.57%
Hispanic	6,891	6.78%
<b>Low-Income Households</b>	<b>3,027</b>	<b>7.91%</b>
<b>Low-Income Population</b>	<b>8,548</b>	<b>8.78%</b>
<b>Other Potentially Disadvantaged Populations</b>		
Limited English Proficiency (LEP)	2,685	2.78%
Persons with a Disability	13,376	13.33%
Female Head of Household with Child	2,029	5.23%
Elderly (65 years or older)	18,883	18.59%
Carless Households	1,595	4.11%

## Poverty Rate Among Racial/Ethnic Groups, 2017



Source: 2013-2017 American Community Survey 5-Year Estimates

# Environmental Justice & the TIP

## How does the 2021 TIP impact Environmental Justice populations?

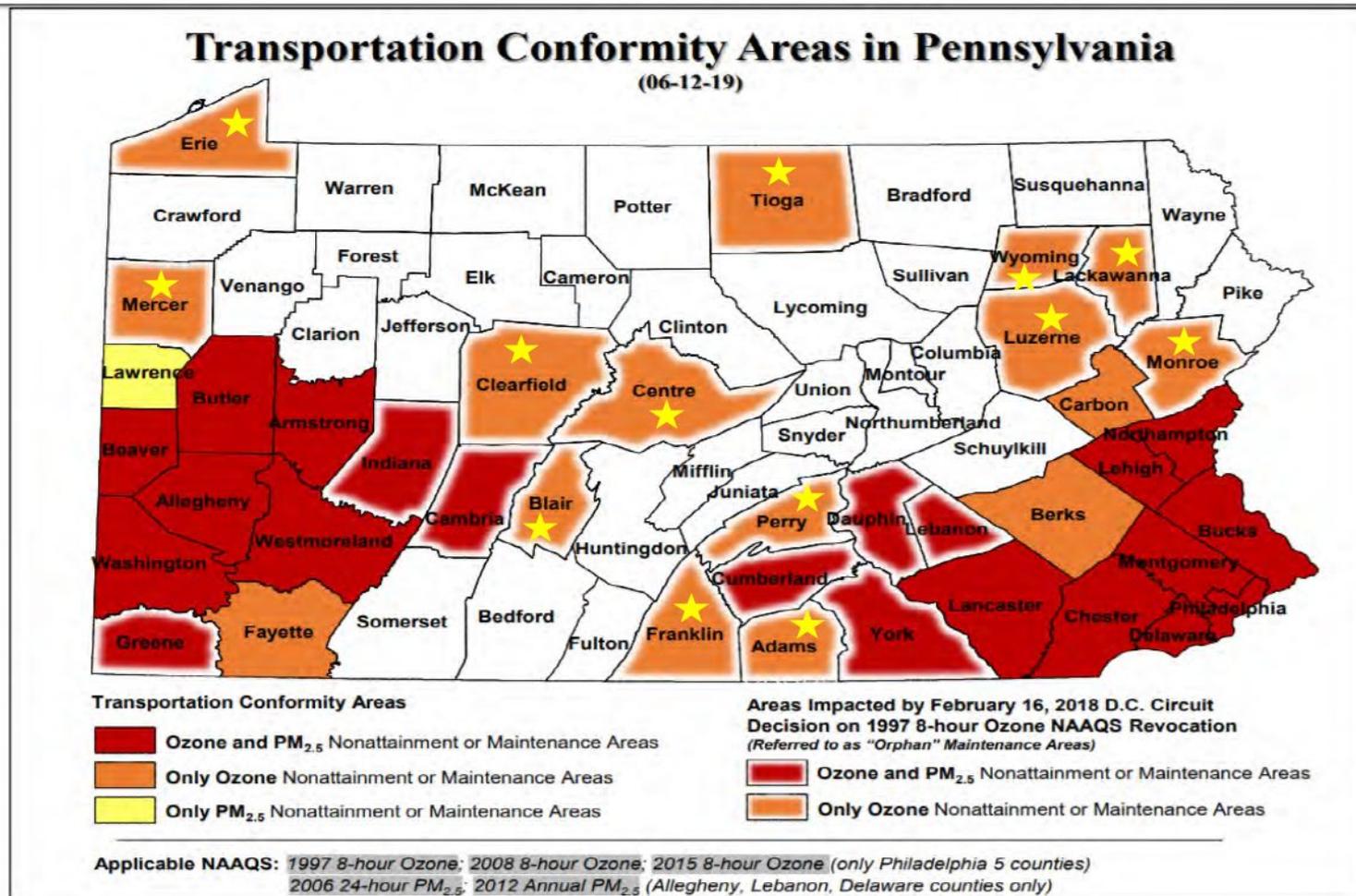
- Each project type has a unique set of potential benefits and burdens affecting individual populations differently
  - The impacts from maintenance projects tend to be lower due to shorter duration of construction.
  - On the other hand, bridge projects lend themselves to significant detours.
  - However, the benefits in terms of safer bridge structures, improved roadway conditions and updated signage often outweigh the short-term impacts of construction.
- Overall, for the 2021 TIP the number of projects in minority and low-income areas is equal to the number of projects located in non-minority and non-low income areas.

# Air Quality & the 2021 TIP

## **Does Adams County meet EPA Air Quality standards?**

- Previous court actions have rolled back EPA Air Quality standards as they apply to the TIP to 1997 levels.
- As a result, Adams County is now considered an “Orphan Maintenance Area”.
- The AQ Analysis demonstrates transportation conformity under the 1997 8-hour ozone National Ambient Air Quality Standard (NAAQS).
- Pennsylvania Vehicle Inspection/Maintenance Program (emissions testing with yearly vehicle inspection) is not affected.

# Counties Where Transportation Conformity Applies



★ No Emissions Analysis Required

# Long Range Transportation Plan (LRTP) Update

- LRTP Update due by July 26, 2022.
- LRTP adopted in 2017 primarily updated existing data in the plan.
- This process will result in a entirely new plan document.
- Will be prepared in-house by ACOPD staff.

# Next ACTPO Meeting

October 28, 2020

1:00 p.m.