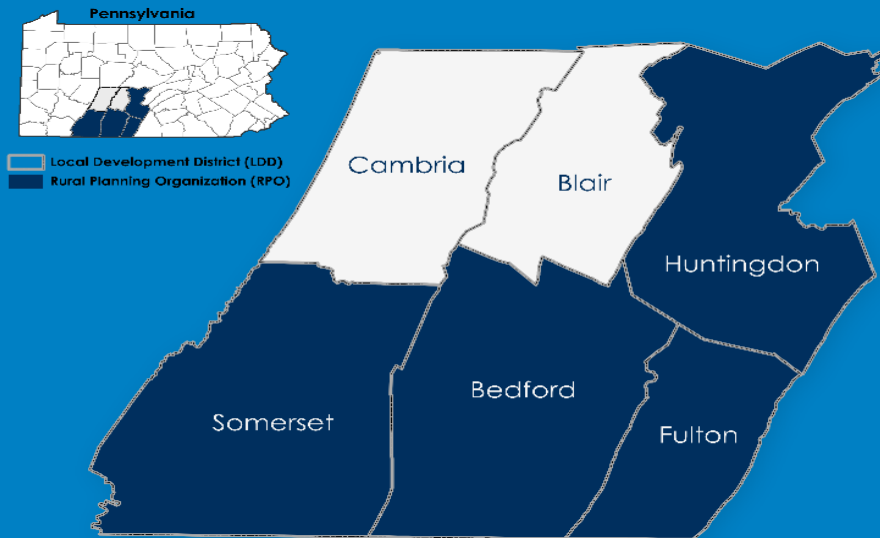


# Southern Alleghenies Rural Planning Organization (RPO) 2021-2024 Draft TIP

Brandon Peters  
Transportation Program Manager  
SAP&DC

# Southern Alleghenies RPO



Performs transportation planning for the rural counties of:

- Bedford
- Fulton
- Huntingdon
- Somerset

# Transportation Planning Process

## Long Range Transportation Plan (LRTP)

- 20 years
- Updated every five years
- Fiscally constrained

## Twelve Year Plan (TYP)

- 12 years
- First four years is the TIP
- Updated every four years
- Fiscally constrained

## Transportation Improvement Program (TIP)

- 4 years
- Updated every two years
- Fiscally constrained

# Prioritization and Project Selection

- Input from individual, local, county, regional, and state priorities
- Asset management needs
- Safety
- Available funding





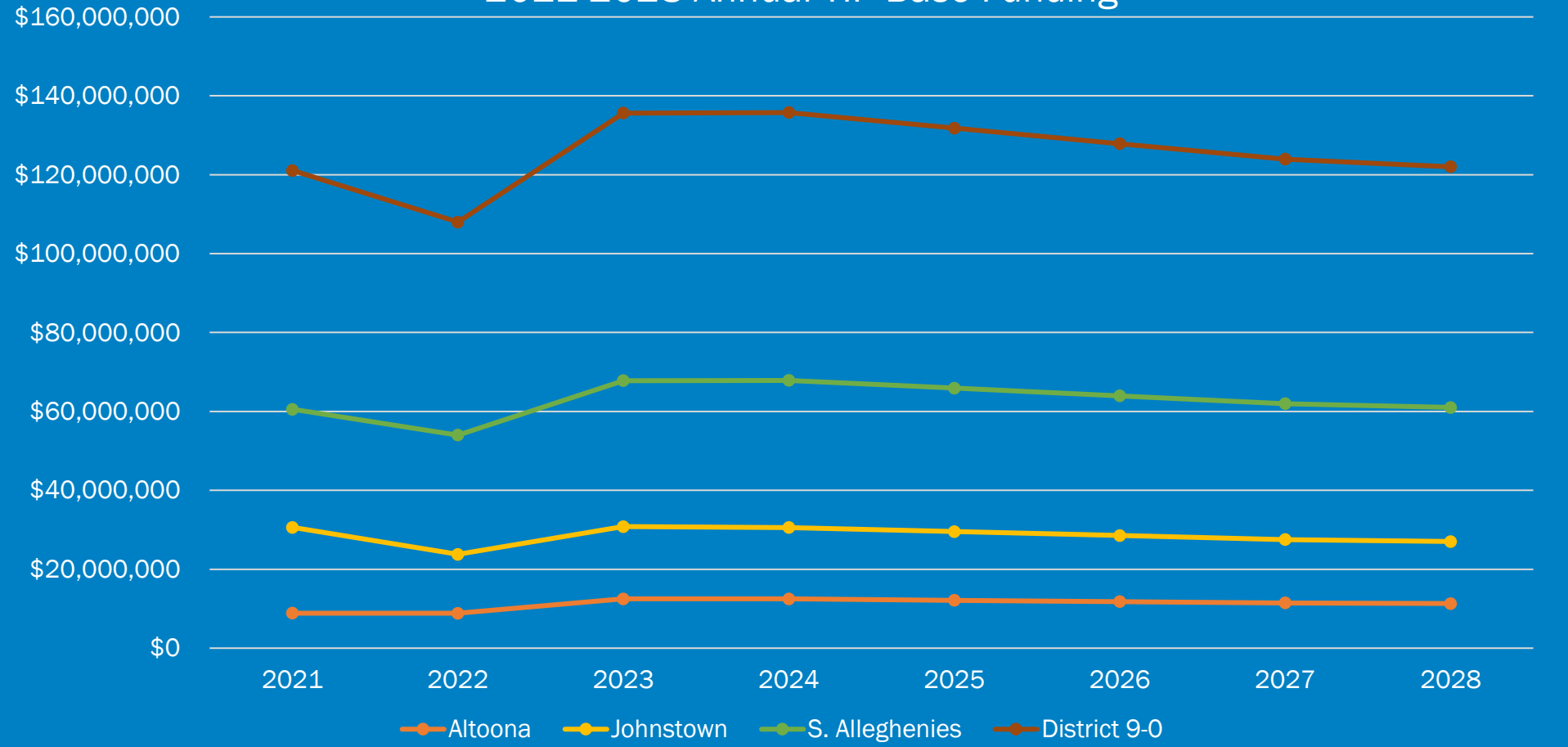
# Public Transportation

- On-Demand services provided by Human Services Agencies:

- Somerset County Transportation System
- Fulton County Family Partnership
- Huntingdon, Bedford, Fulton Area Agency on Aging

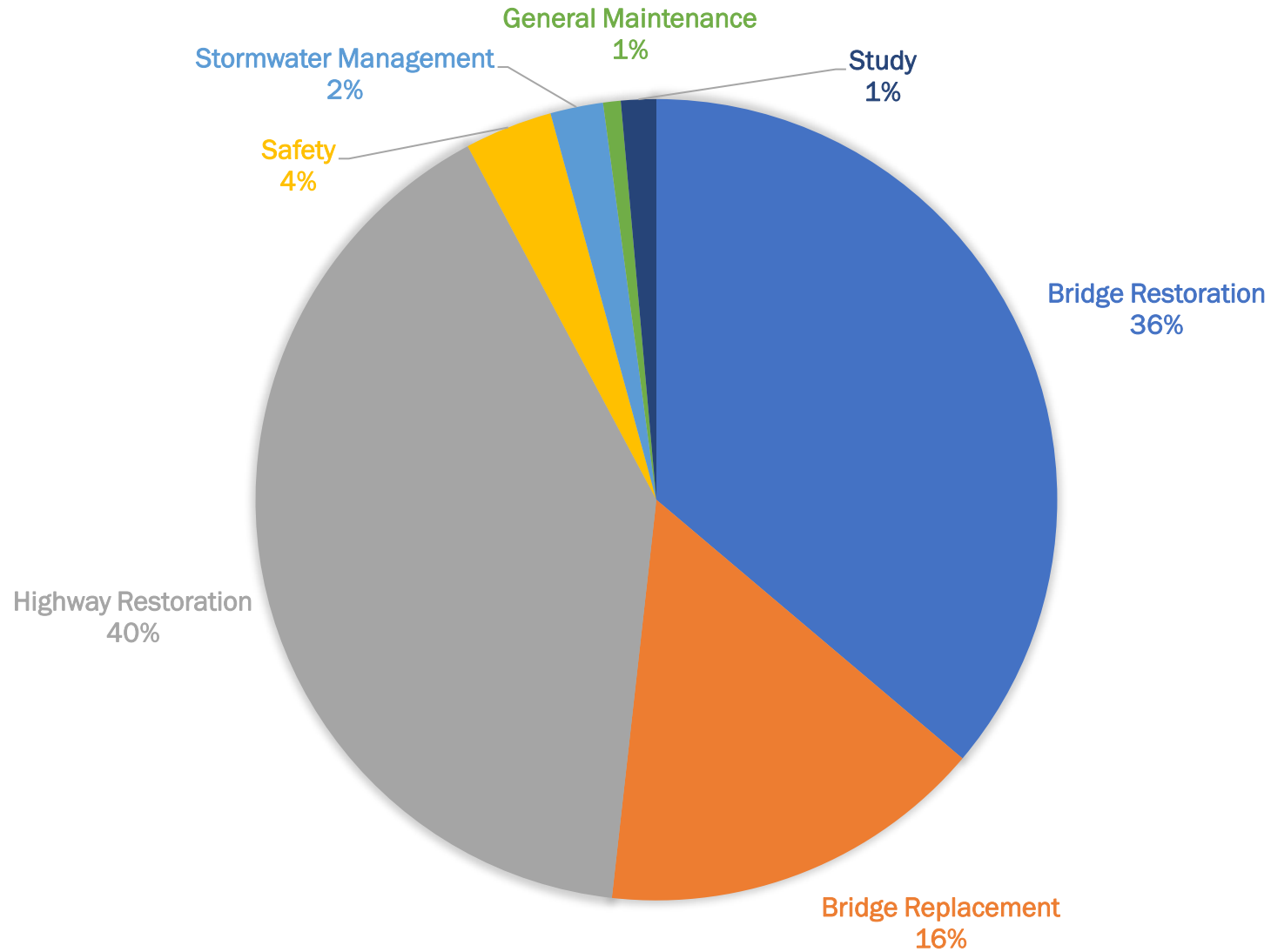


# 2021-2028 Annual TIP Base Funding

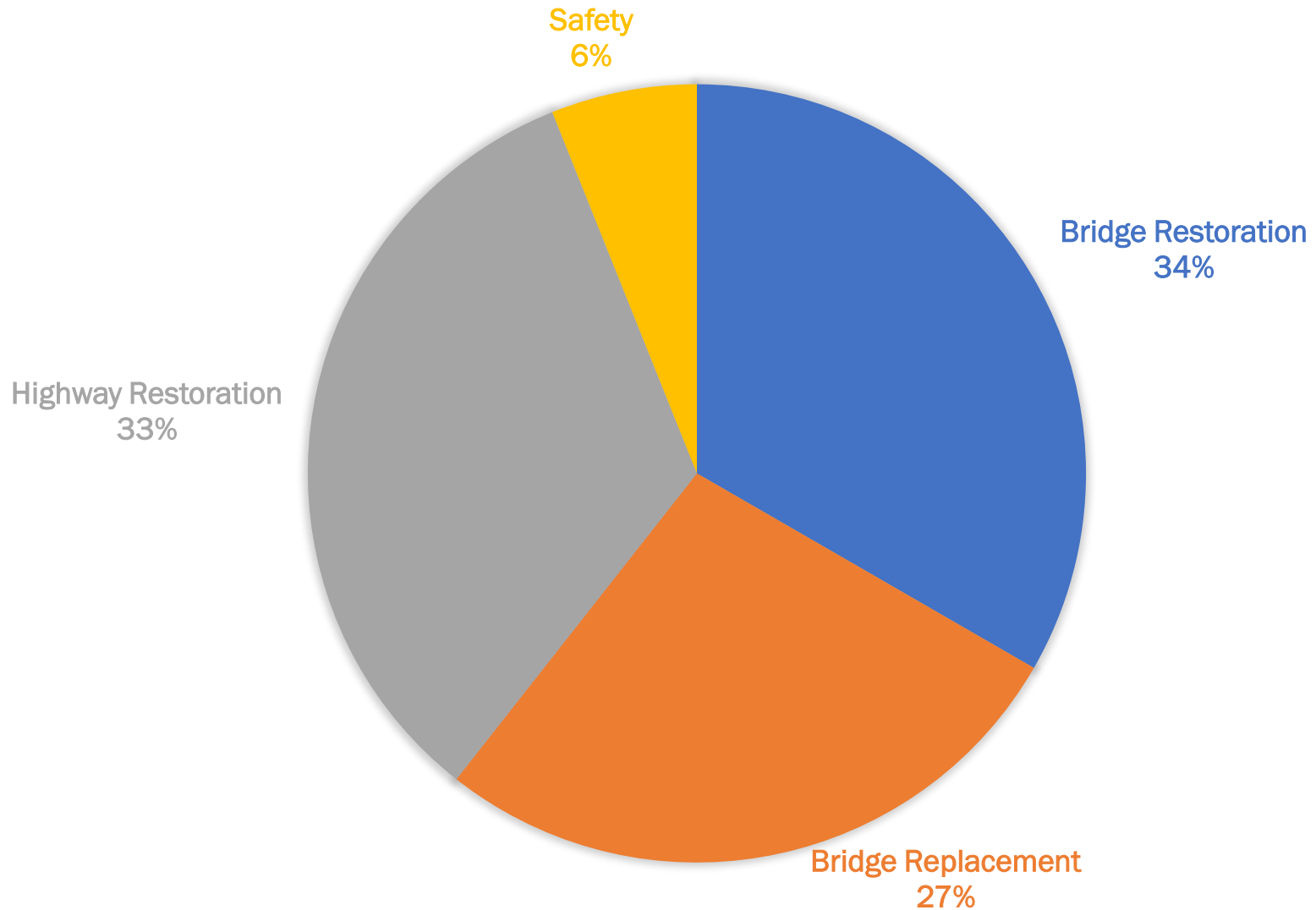


	2021	2022	2023	2024	2025	2026	2027	2028
Altoona	\$8,881,000	\$8,835,000	\$12,495,000	\$12,474,000	\$12,135,000	\$11,800,000	\$11,464,000	\$11,302,000
Johnstown	\$21,732,000	\$14,937,000	\$18,324,000	\$18,110,000	\$17,423,000	\$16,737,000	\$16,050,000	\$15,719,000
S. Alleghenies	\$29,919,000	\$30,222,000	\$36,991,000	\$37,300,000	\$36,355,000	\$35,405,000	\$34,457,000	\$33,995,000
District 9-0	\$60,532,000	\$53,994,000	\$67,810,000	\$67,884,000	\$65,913,000	\$63,942,000	\$61,971,000	\$61,016,000

# 2021-2024 TIP PROJECT BREAKDOWN



# BEDFORD COUNTY PROJECT BREAKDOWN





# 2021-2024 TIP Projects

## Bedford County

### Bridge Replacement

- 1- PA 56
- 2- US 30
- 3- Osterburg Sungrass Creek
- 4- Little Willis Creek Bridge
- 5- Gordon Creek Bridge
- 6- Barefoot Run (Trib)
- 7- Barefoot Run (Trib)
- 8- Barefoot Run (Trib)
- 9- Gravel Pit/Tar Water Creek Bridge

### Safety

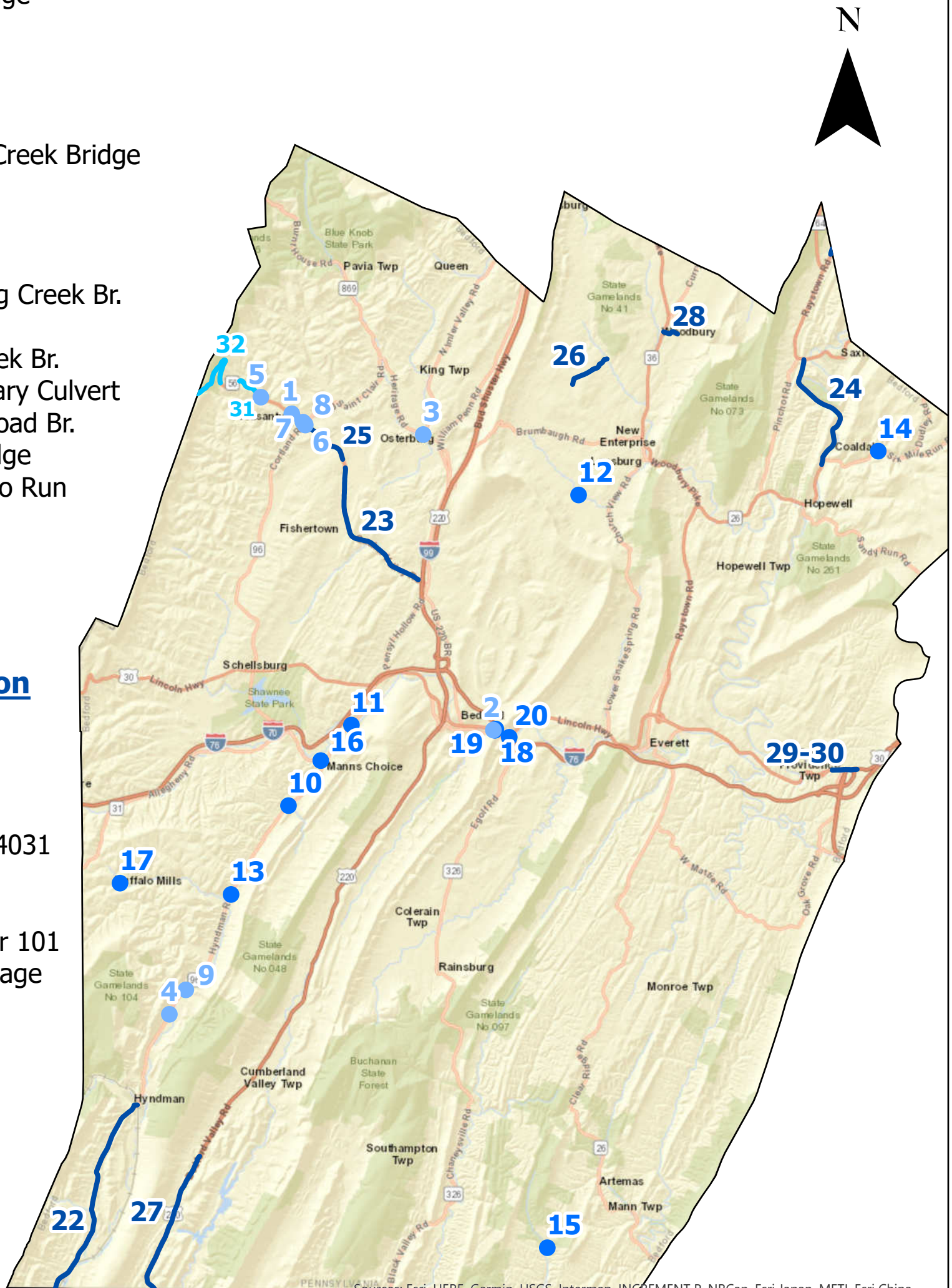
- 31- Mountainside Drive Safety Improvements
- 32- PA 56 Truck Brake Check Pull-off

### Bridge Restoration

- 10- PA 96 Sulphur Spring Creek Br.
- 11- PA 31 Kinton Bridge
- 12- SR 1015 Beaver Creek Br.
- 13- PA 96 N Bard Tributary Culvert
- 14- T-575 Cold Spring Road Br.
- 15- T-317 Mtn Road Bridge
- 16- Manns Choice Buffalo Run
- 17- T-383 Barkley Road
- 18- US 30 Overpass
- 19- US 30 Overpass
- 20- US 30 Overpass

### Highway Restoration

- 21- Raystown Road
- 22- PA 96
- 23- PA 56
- 24- PA 26
- 25- PA 56- PA 96 to SR 4031
- 26- SR 1032
- 27- US 220
- 28- SR 1038- PA 36 to Sr 101
- 29-30- US 30 Truck Signage



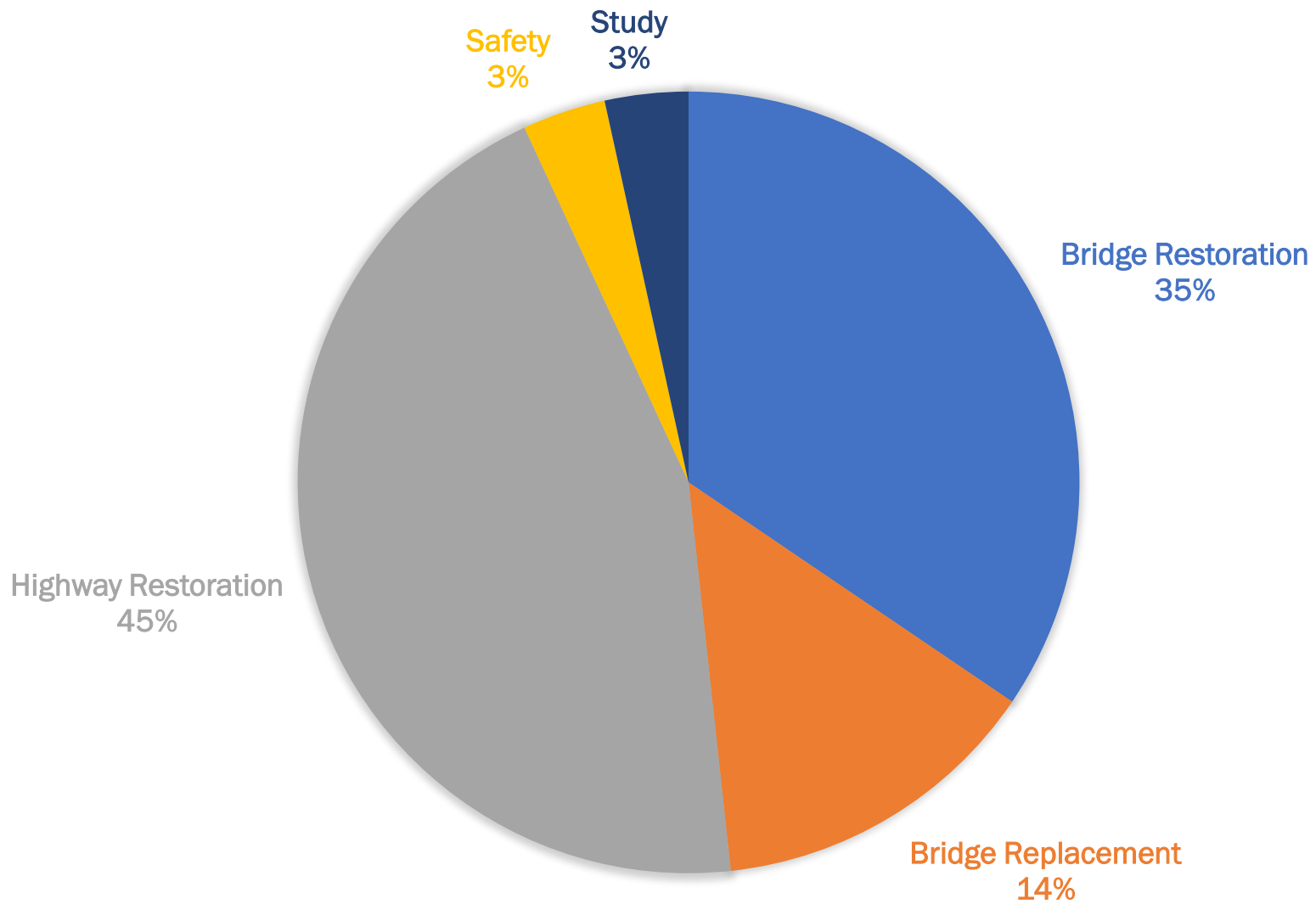
Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

0 5 10 20 Miles

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PROGRESS THROUGH REGIONAL COOPERATION  
IN THE ALLEGHENIES

# HUNTINGDON COUNTY PROJECT BREAKDOWN





# 2021-2024 TIP Projects Huntingdon County

## Bridge Replacement

- 1- T-573 Wilson Road
- 2- Herod Run Bridge
- 3- PA 913 Sugar Camp Run
- 4- Hill Valley Creek Bridge

## Bridge Restoration

- 5- T-368 Great Trough Creek
- 6- PA 641 Trib Shade Creek
- 7- PA 641 Shade Creek
- 8- Hill Valley Creek Bridge
- 9- Lick Run Bridge
- 10- Derry Run Bridge
- 11- PA 829 N Spring Creek Bridge
- 12- PA 994 Tatman Run Bridge
- 13- PA 45 Spruce Creek Bridge
- 14- T-529 Miller Road

## Highway Restoration

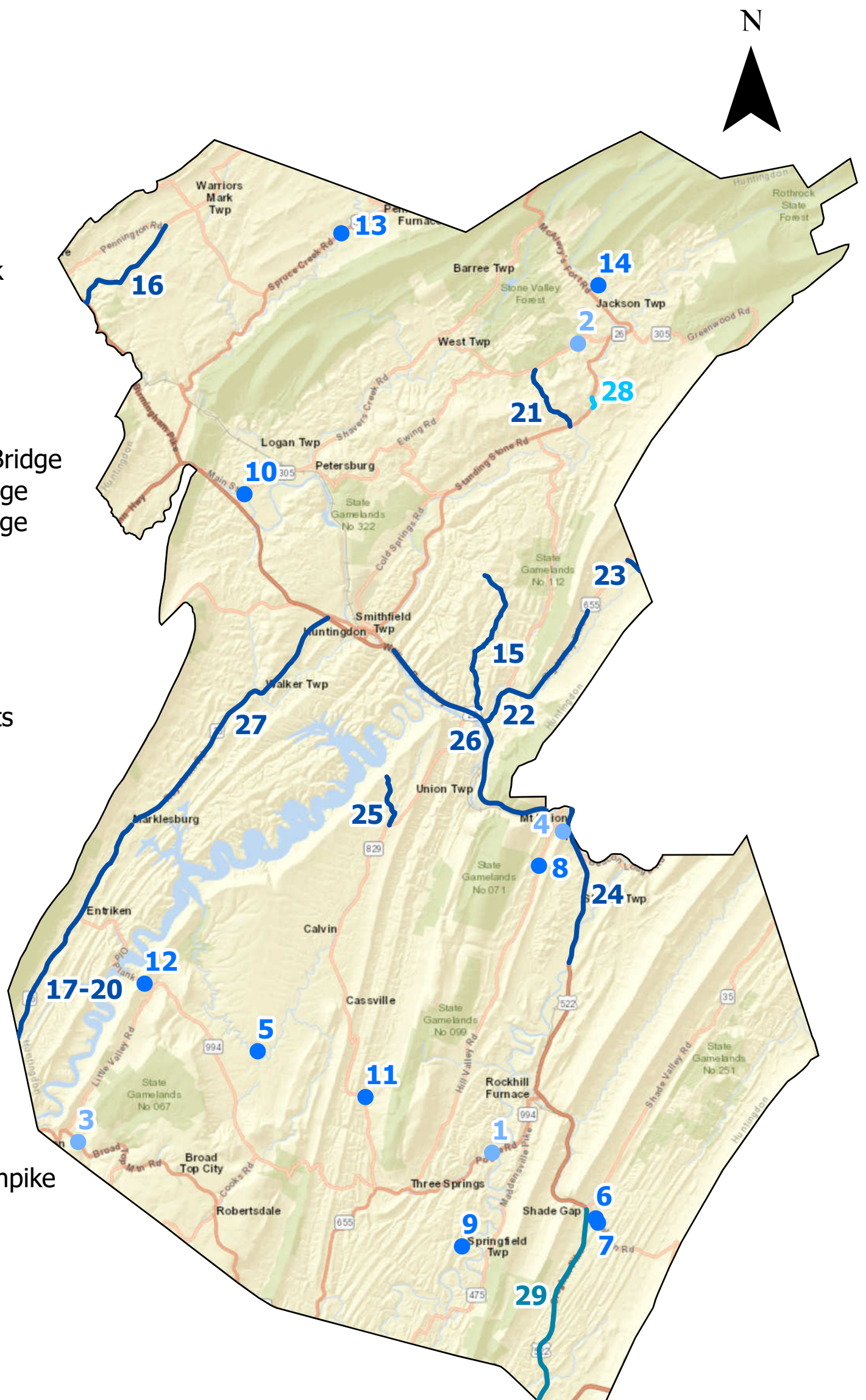
- 15- SR 1003
- 16- SR 4023
- 17-20- PA 26 various projects
- 21- SR 1015
- 22- PA 655
- 23- Sharpsburg Road
- 24- PA 522
- 25- SR 3051
- 26- US 22
- 27- PA 26, US 22 to Mountain Road

## Safety

- 28- Jackson Corner Slide

## Study

- 29- PA 35 Shade Gap to Turnpike



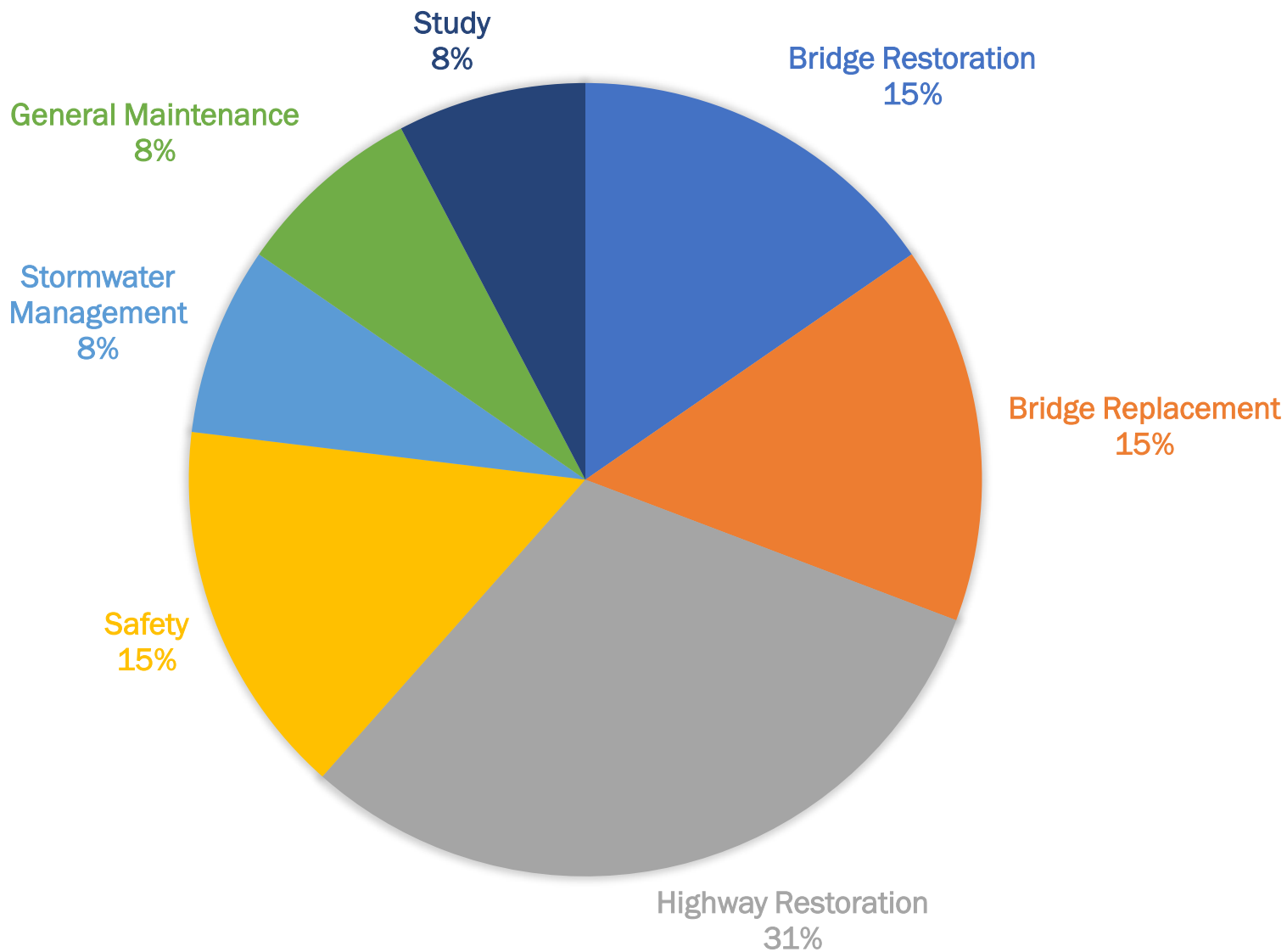
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0 5 10 20 Miles

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PROGRESS THROUGH REGIONAL COOPERATION  
IN THE ALLEGHENIES

# FULTON COUNTY PROJECT BREAKDOWN





# 2021-2024 TIP Projects

## Fulton County

### Bridge Replacement

- 1- Sipes Mill Bridge
- 2- T-330 Zachs Ridge Road

### Bridge Restoration

- 3- US 522 White Oak Run Road
- 4- T-340 Fairview Road

### General Maintenance

- 5- N. Third Street Bridge

### Highway Restoration

- 6- US 522- US 30 to Turnpike
- 7- SR 1001- US 522 to SR 10
- 8- SR 1001- SR 1002 to PA 1
- 9- Wells Valley Road Culvert

### Safety

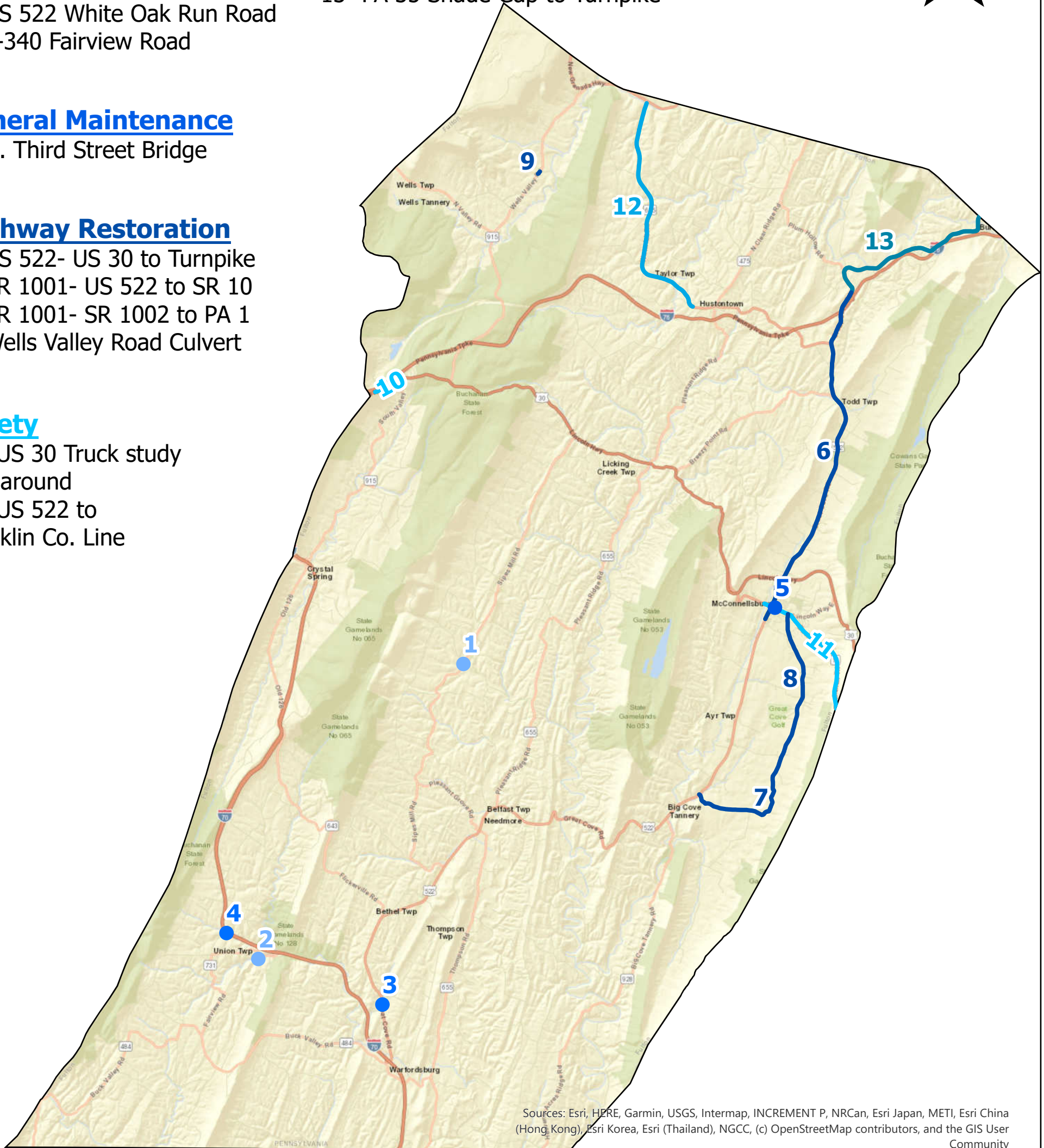
- 10- US 30 Truck study Turnaround
- 11- US 522 to Franklin Co. Line

### Stormwater Management

- 12- PA 655 Culvert

### Study

- 13- PA 35 Shade Gap to Turnpike



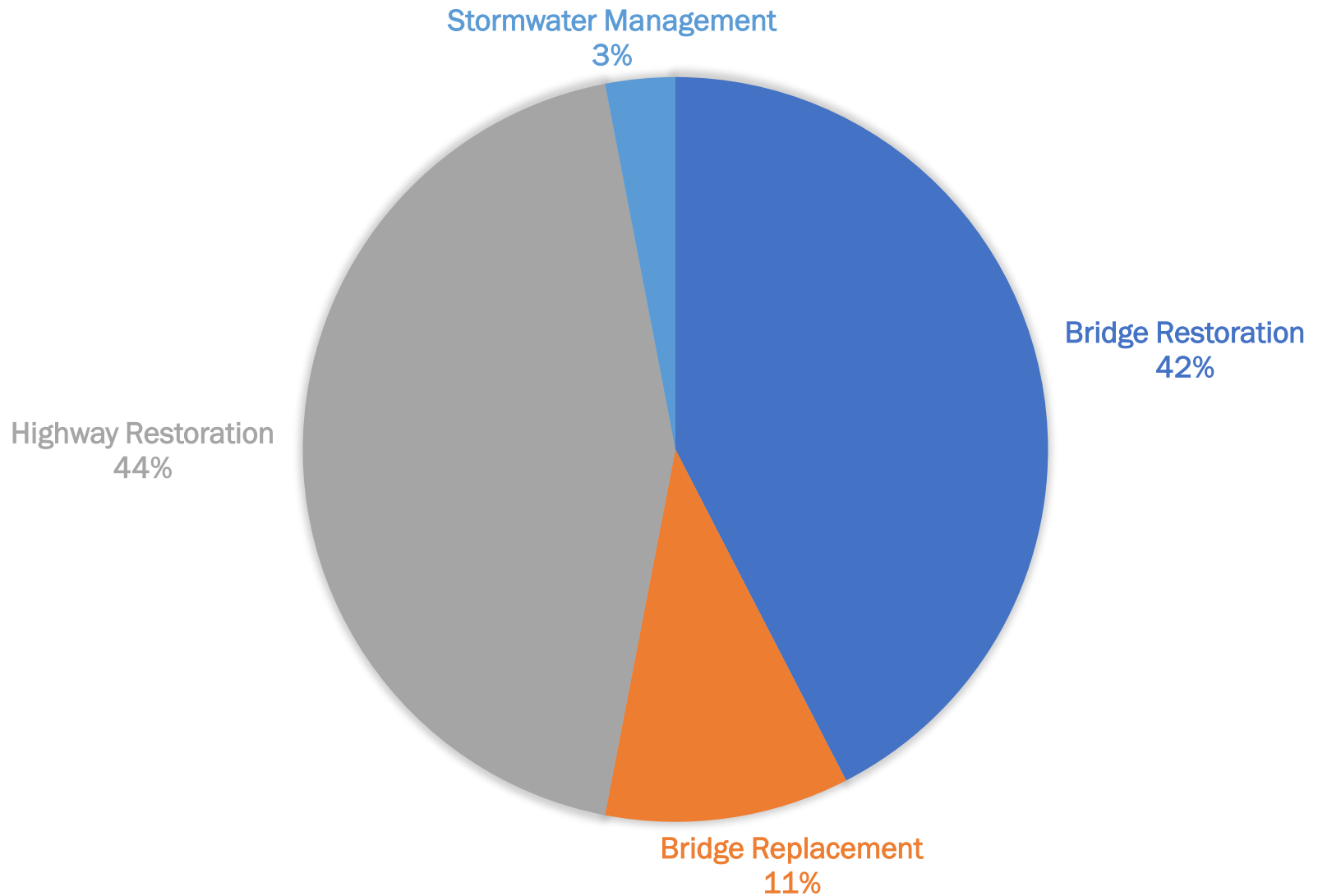
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0 2.5 5 10 Miles

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IN THE ALLEGHENIES

# SOMERSET COUNTY PROJECT BREAKDOWN





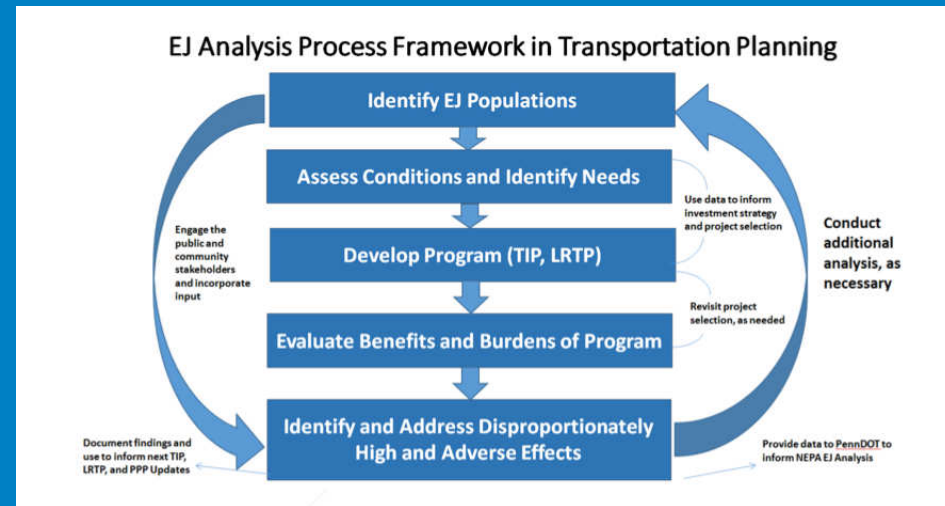




# Environmental Justice

## • EJ Core Elements

- Identify EJ Populations
  - Regional profile of Low-Income and Minority populations
  - Population mapping
- Assess Conditions and Identify Needs
  - Safety conditions (Bicycle and Pedestrian crashes)
  - Pavement conditions
  - Bridge conditions
- Evaluate Benefits and Burdens
  - Categorize projects
  - Map project distribution and proximity to populations
  - Qualitative narrative





# Identify EJ Populations

## Dot Density Map of Concentrations of Low-Income Populations, Southern Alleghenies RPO, PA 2017

### Concentrations of Low Income Populations Low Income Population

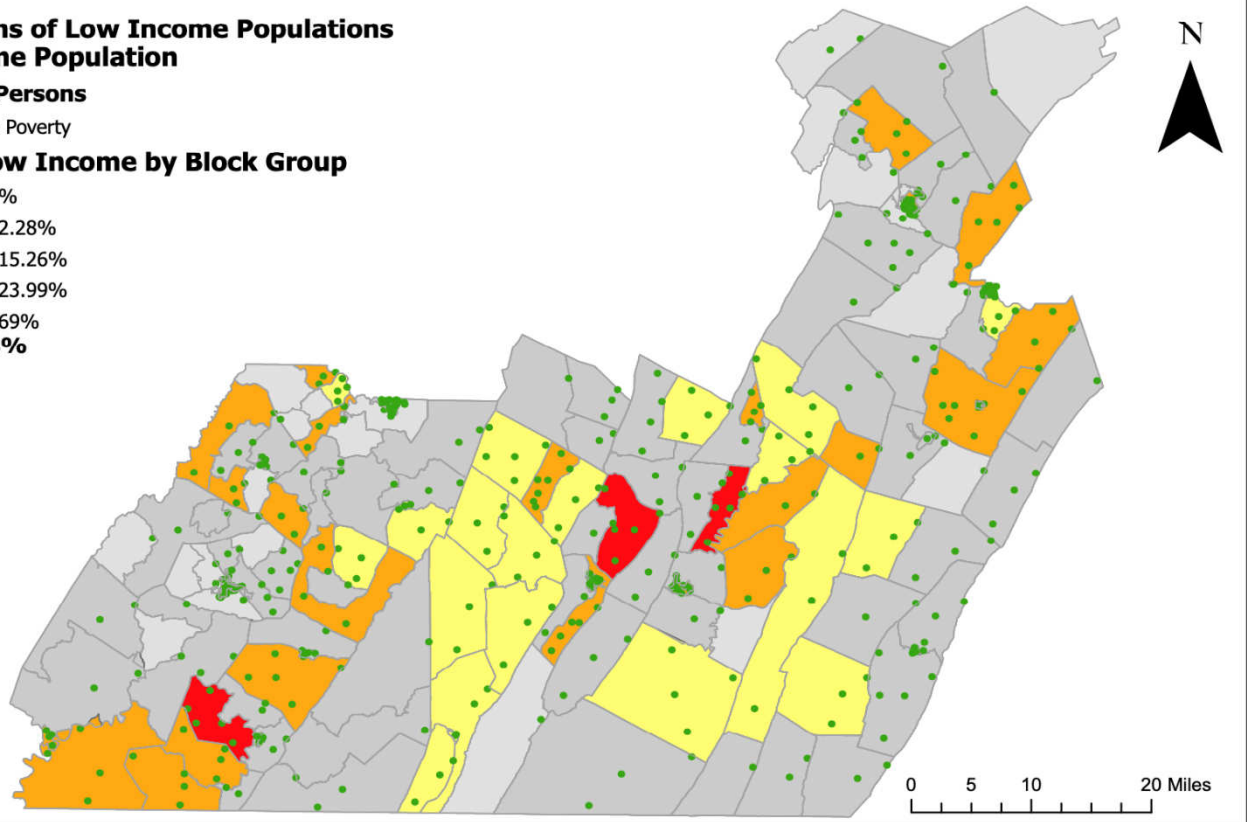
**1 Dot = 50 Persons**

• Persons in Poverty

### Percent Low Income by Block Group

- 0% - 5.41%
- 5.42% - 12.28%
- 12.29% - 15.26%
- 15.27% - 23.99%
- 24% - 46.69%

**Mean: 12.28%**



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IN THE ALLEGHENIES

Map created by SAP&DC on 12/3/19.  
Data based on US Census (2017)

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& DEVELOPMENT COMMISSION

# Identify EJ Populations

## Dot Density Map of Concentrations of Minority Populations, Southern Alleghenies RPO, PA 2017

### Concentrations of Minority Populations

#### Minority Population

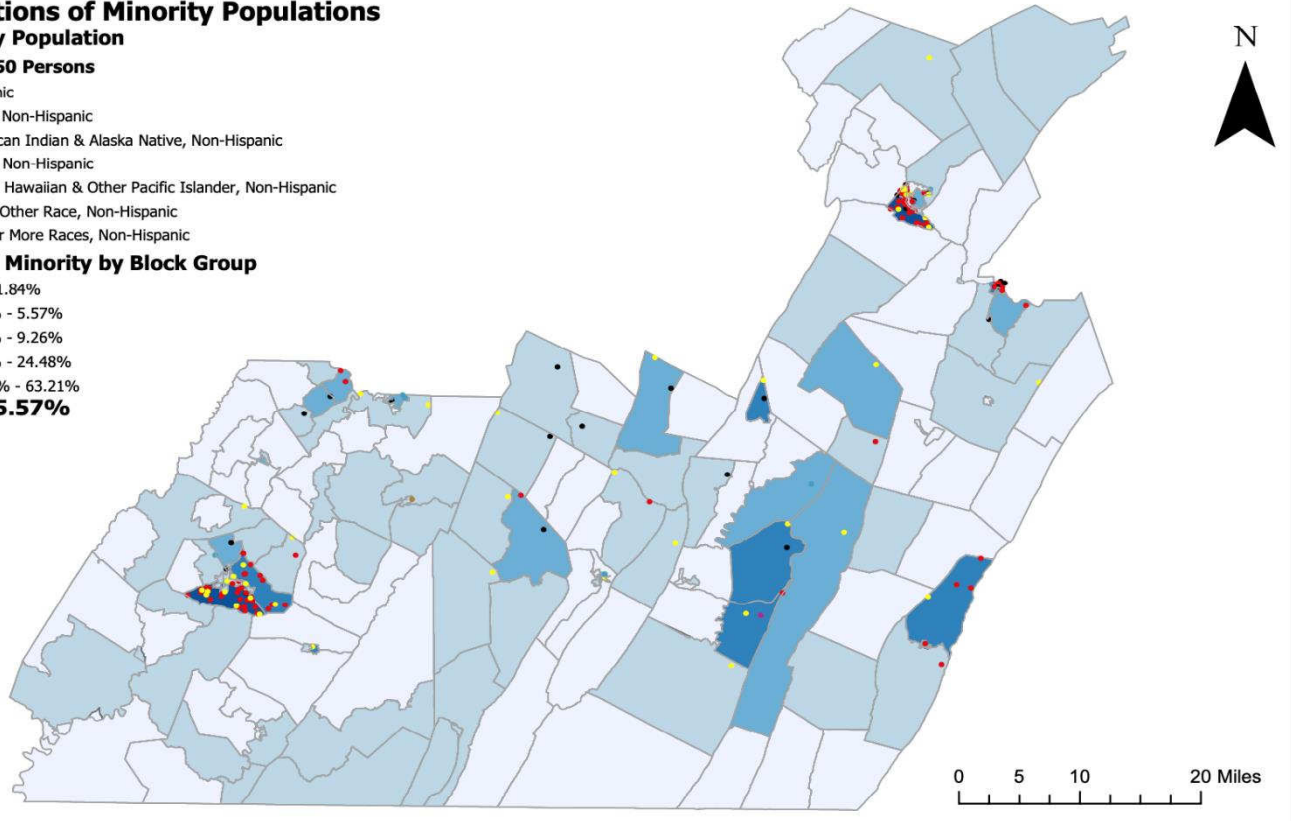
1 Dot = 50 Persons

- Hispanic
- Black, Non-Hispanic
- American Indian & Alaska Native, Non-Hispanic
- Asian, Non-Hispanic
- Native Hawaiian & Other Pacific Islander, Non-Hispanic
- Some Other Race, Non-Hispanic
- Two or More Races, Non-Hispanic

#### Percent Minority by Block Group

- 0% - 1.84%
- 1.85% - 5.57%
- 5.58% - 9.26%
- 9.27% - 24.48%
- 24.49% - 63.21%

Mean: 5.57%



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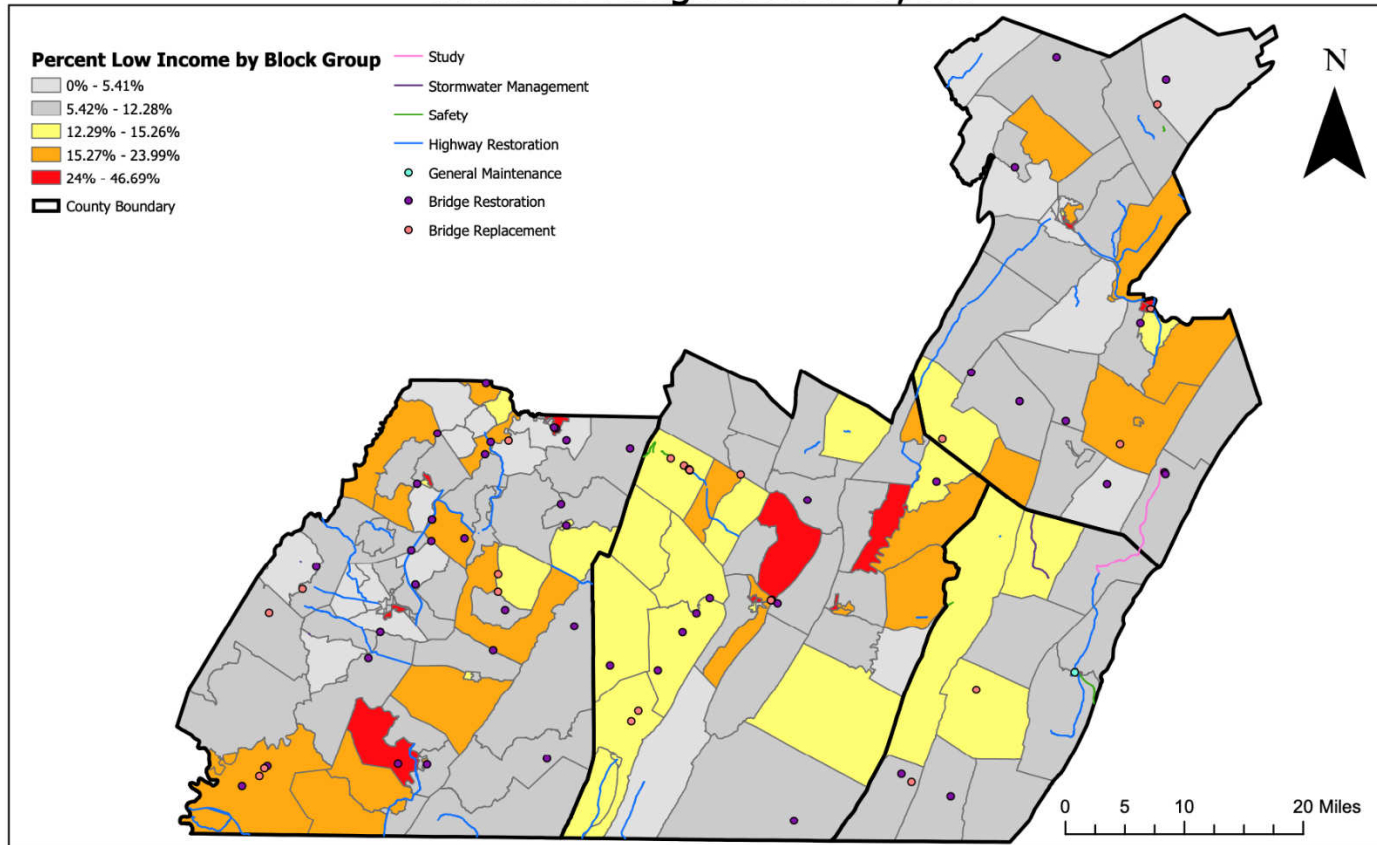
PROGRESS THROUGH REGIONAL COOPERATION  
IN THE ALLEGHENIES

Map created by SAP&DC on 12/3/19.  
Data based on US Census (2017)

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& DEVELOPMENT COMMISSION

# Evaluate Benefits and Burdens

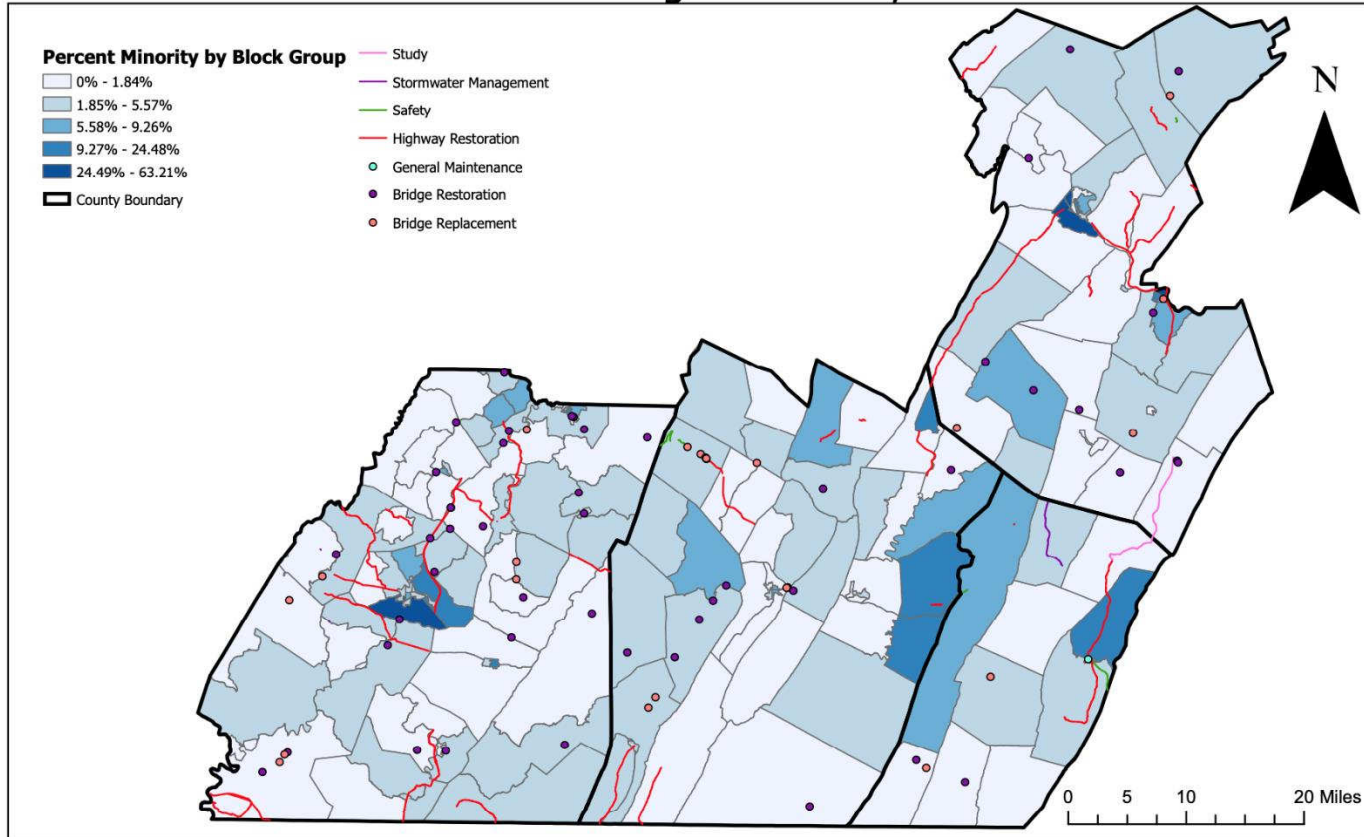
## 2021-2024 TIP Project Locations by Proximity to Low-Income Populations, Southern Alleghenies RPO, PA





# Evaluate Benefits and Burdens

## 2021-2024 TIP Project Locations by Proximity to Minority Populations, Southern Alleghenies RPO, PA





# Memorandum of Understanding (23 CFR § 450) Procedures for Modification and Amendment

Revisions to the TIP will be handled as either an *Amendment* or an *Administrative modification* based on agreed upon procedures detailed below:

An *Amendment* is a revision that adds a new project, deletes an existing project, or involves a major change to an existing project included in a TIP that:

- Affects air quality conformity
- Adds/deletes a project that utilizes federal funds or federalizes a project that previously was 100% state and/or locally funded.
- Adds/deletes a phase(s) or increases/decreases a phase(s) of an existing project that utilizes federal funds that exceeds \$2 million.
- Involves a Change in the Scope of Work to a project(s) that would:
  - Result in an air quality conformity reevaluation,
  - Result in a revised total project estimate that exceeds the thresholds established between PennDOT and the RPO
  - Results in a Change in the Scope of Work on any Federally funded project that is significant enough to essentially constitute a New Project.

An *Administrative Modification* is a minor revision that:

- Adds a new phase(s), deletes a phase(s) or increase/decreases a phase(s) of an existing project that utilizes federal funds and does not exceed the thresholds established above.
- Adds a project for emergency repairs to a highway, bridge or transit project, except those involving substantial functional, location, or capacity changes.
- Draws down or returns funding from an existing STIP/TIP reserve line item and does not exceed the threshold.
- Adds federal or state capital funds from low-bid savings, de-obligations, release of encumbrances, or savings on programmed phases to another programmed project phase or line item and does not exceed the above thresholds;
- Splits a project into two or more separate projects to facilitate project delivery;
- Adds, advances, or adjusts federal funding for a project based on FHWA August Redistribution.

# Public Comment Period

Public Comment Period: May 14, 2020 – June 12, 2020

Virtual Public Meeting: May 21, 2020 at 2:00PM EST.

Participate via Zoom Meeting

<https://zoom.us/j/8149496500>

Meeting ID: 8149496500

Participate via phone:

Dial: (646) 558-8656

Meeting ID: 8149496500

# Contact Information

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