

2023 STATE TRANSPORTATION COMMITTEE MEETING

PENNDOT ENGINEERING DISTRICT 3-0
JUNE 14, 2023

ERIC E. HIGH, P.E., DISTRICT EXECUTIVE

GERALD C. WERTZ, P.E., ASSISTANT DISTRICT EXECUTIVE-DESIGN

MATT BECK, P.E., ASSISTANT DISTRICT PLANS ENGINEER

MEETING TOPICS

- **District 3 Overview**
- **Safety and State of Infrastructure**
- **Construction Trends and Overview**
- **2023 Major Projects**
- **2023 Department Force Services and Projects**
- **CSVT - Central Susquehanna Valley
Transportation Project Update**



DISTRICT 3: OVERVIEW

- 9 Counties
- 999 Employees
- 2900 State Owned Bridges
- 4500 Miles of State Owned Roadway

Mission:

- To maintain safe, cost-effective transportation facilities by providing a high level of public service

Focus Areas:

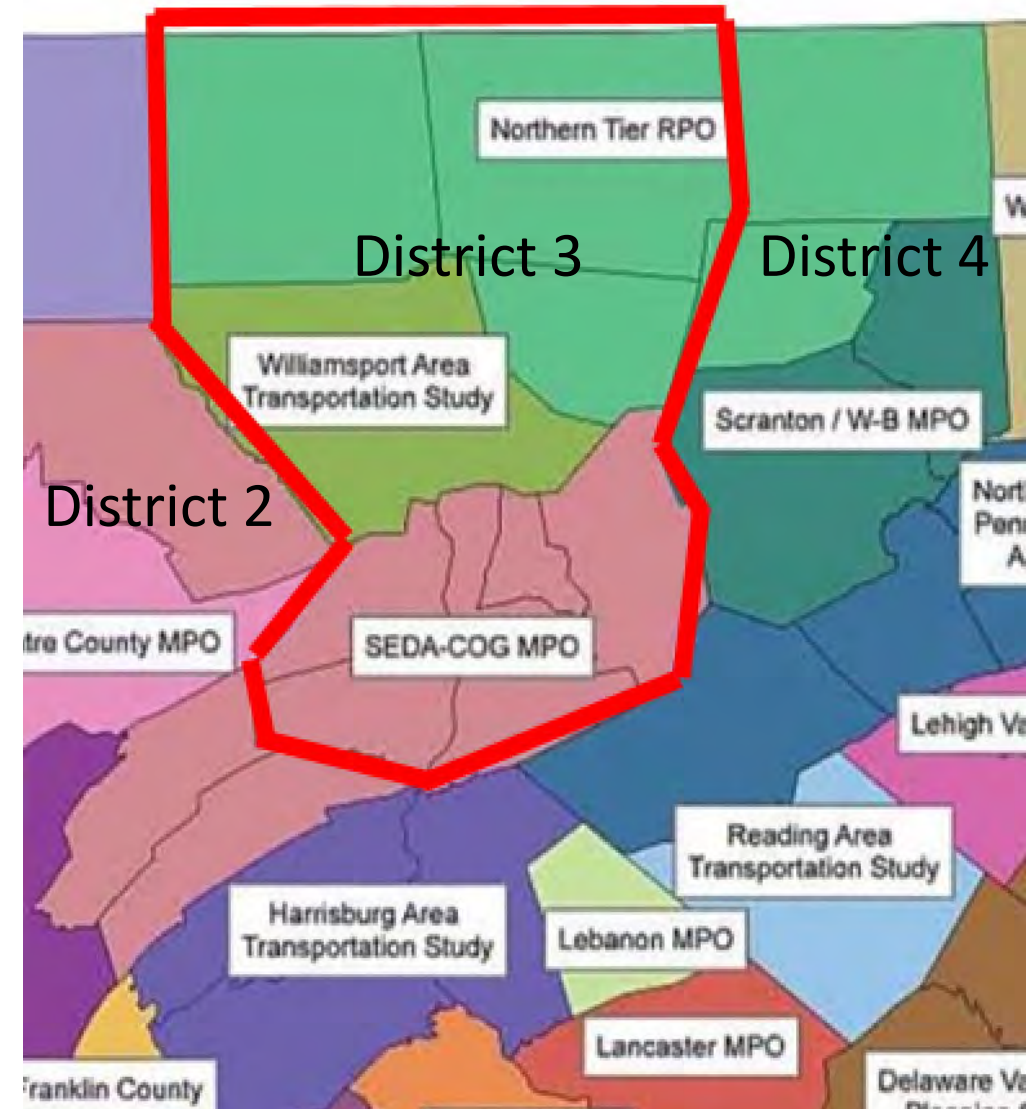
- Safety
- Maintenance First
- High-quality projects delivered on time and within budget



DISTRICT 3: FUNDING 2023 (TIP)

2023 State and Federal Funding

- WATS - \$24.5 Million
- SEDA-COG - \$76.7 Million
 - District 3 - \$40.1 Million
 - District 2 - \$36.6 Million
- NTIER - \$56.8 Million
 - District 3 - \$39 Million
 - District 4 - \$17.8 Million

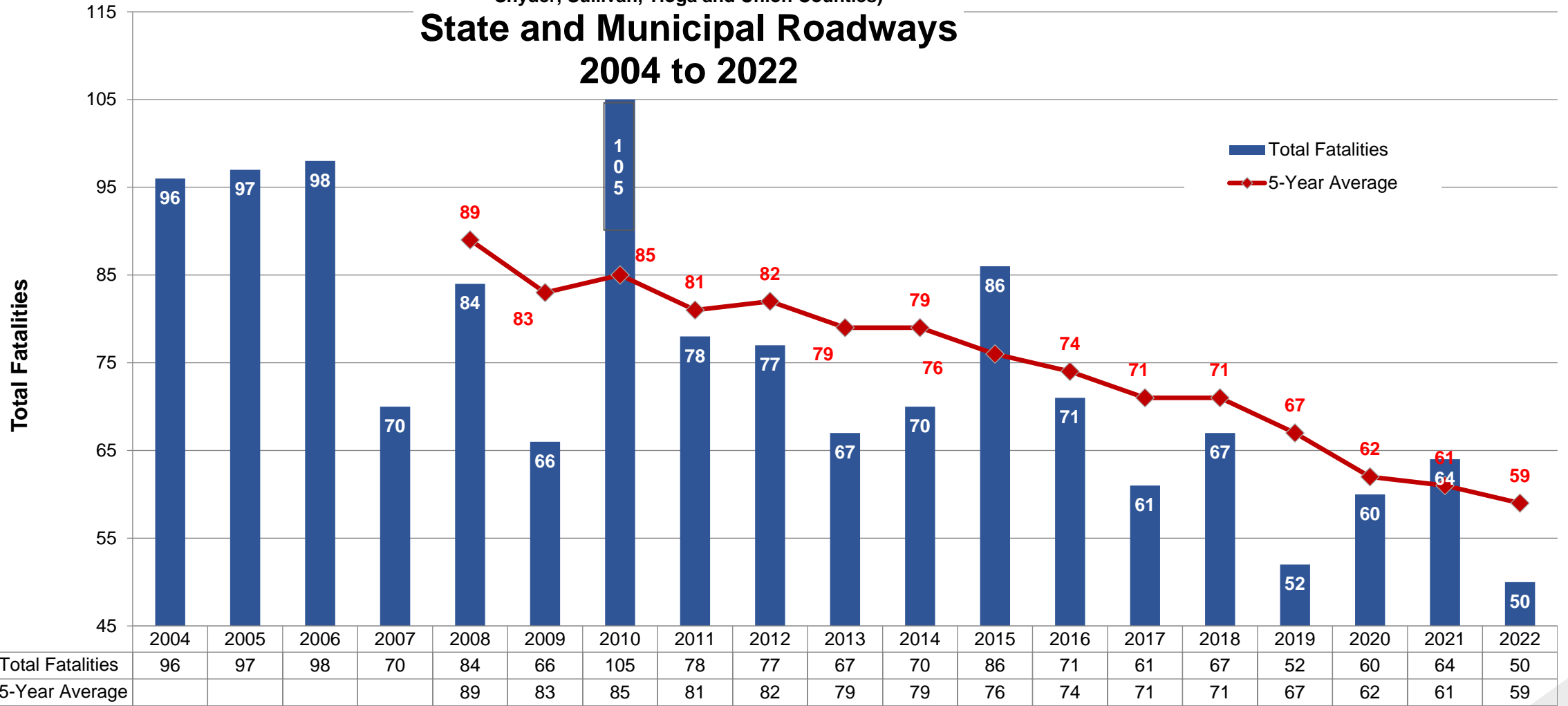


Safety and State of Infrastructure



DISTRICT 3: SAFETY/FATALITIES

District 3 Fatality Trending (Bradford, Columbia, Lycoming, Montour, Northumberland, Snyder, Sullivan, Tioga and Union Counties) State and Municipal Roadways 2004 to 2022



DISTRICT SAFETY PROJECTS

- Systematic Safety Improvements
 - Rumble Strips
 - High Tension Cable Median Barrier (HTCMB)
 - Roadway Delineation
- Location-Specific Safety Improvements
 - Lycoming SR 15 SB to I-180 EB ramp
 - Sequential Lighted Chevron
 - Montour SR 54 – Displaced Left Turns
 - SEDA-COG High Friction Surface Treatment (HFST)
- Vulnerable Road Users (VRU)
 - Pedestrian signal countdown upgrade



High Tension Cable Median Barrier

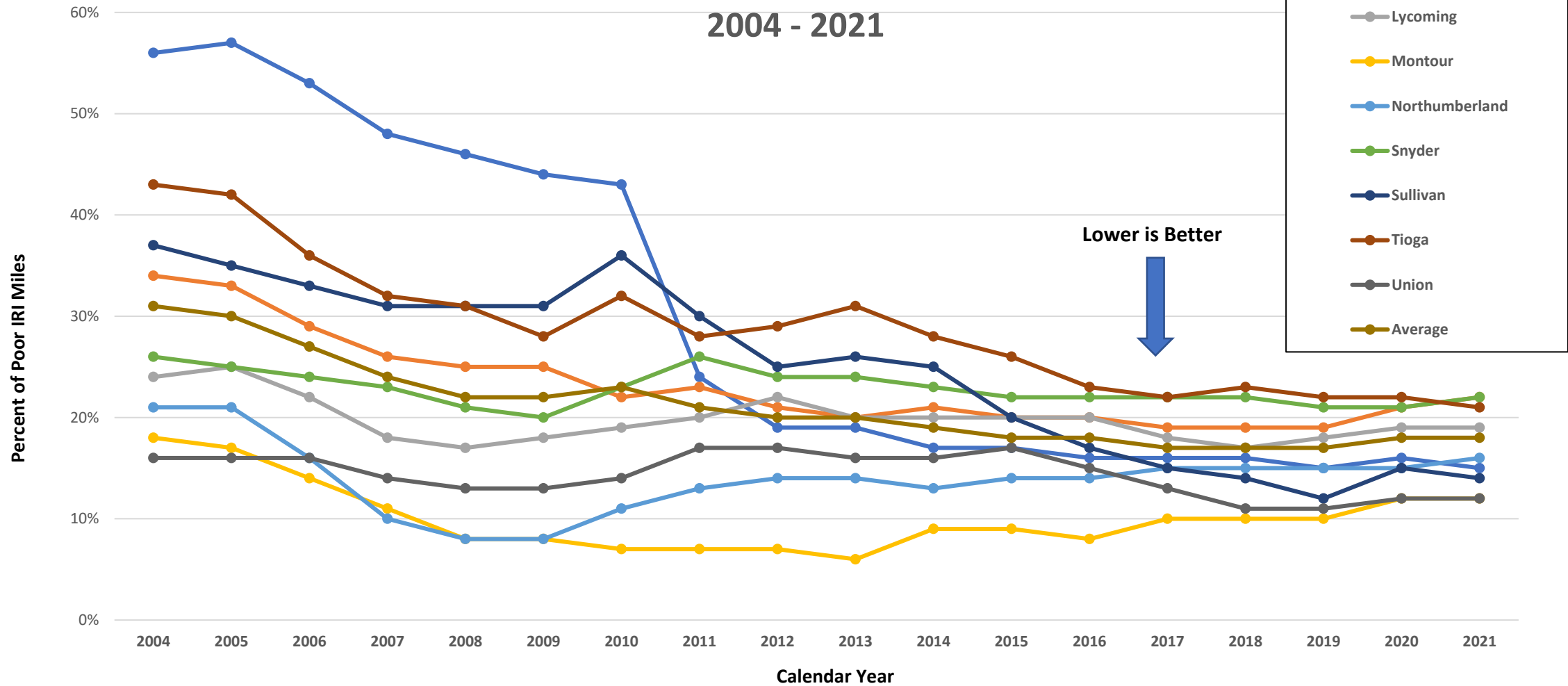


Roadway Delineation



ROADWAY ASSET MANAGEMENT

District 3 State Owned Roadways Percent International Roughness Index (IRI) 2004 - 2021



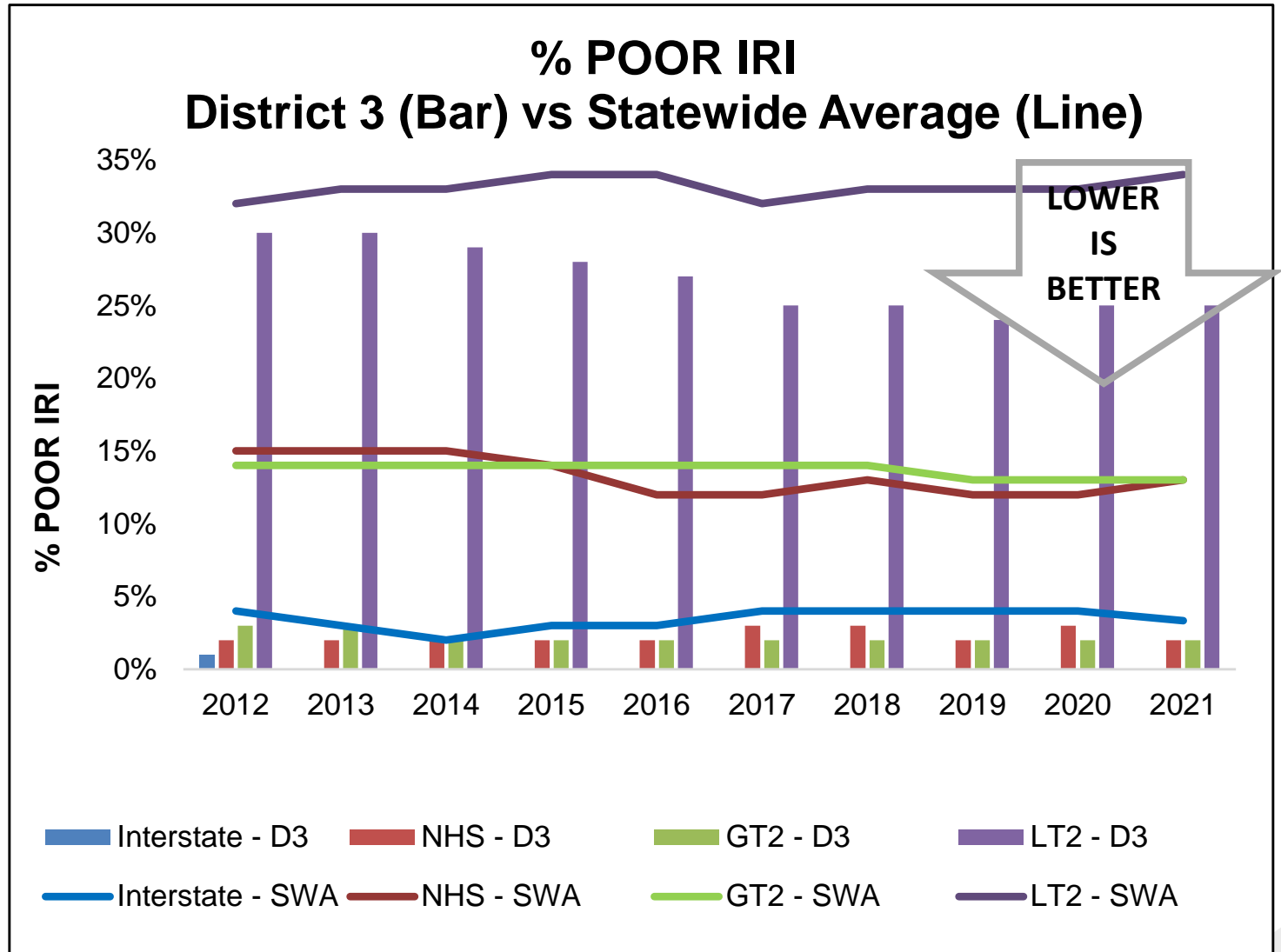
ROADWAY ASSET MANAGEMENT

BPN 1 (Interstate) and BPN 2 (NHS) ROADWAYS

- Funding
- Project Prioritization
- Current Conditions
- Best Practices

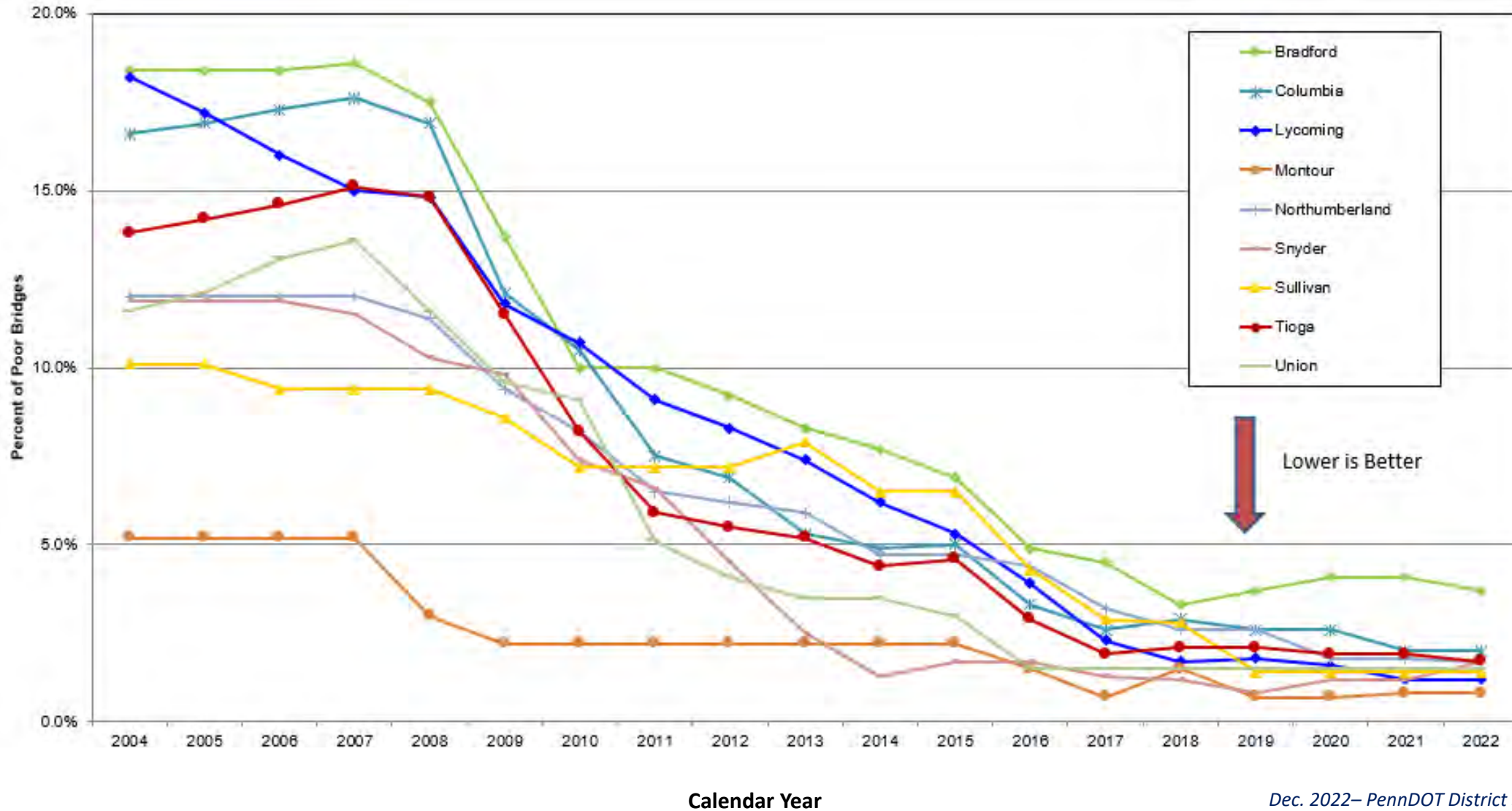
BPN 3 (GT2) and BPN 4 (LT2) HIGHWAYS

- 6-Year Plan
- Core Cyclical Sectional Maintenance
- Best Practices



BRIDGE ASSET MANAGEMENT

District 3-0 Owned Bridges Percent of Poor Condition Bridges/Year



BRIDGE ASSET MANAGEMENT

BPN 1 (Interstate) and BPN 2 (NHS)

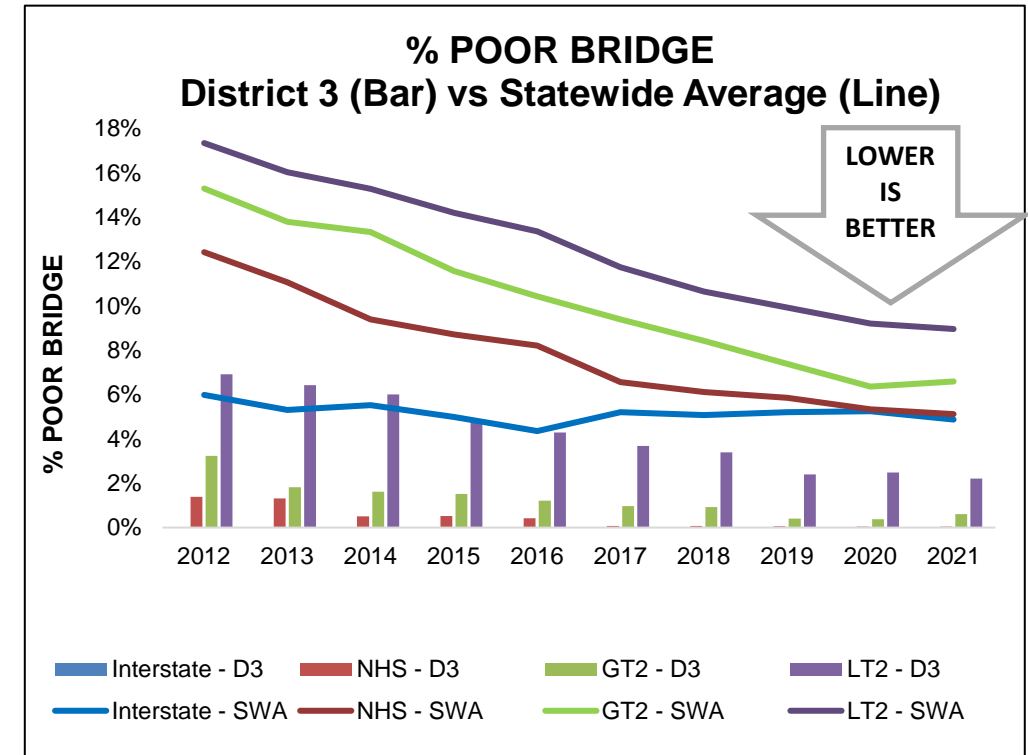
- Project Prioritization
- Conditions
- Best Practices

BPN 3 (GT2) and BPN 4 (LT2)

- Department Force Projects
- Preservation Techniques

LOCAL BRIDGE PROGRAM

- Funding
- Local Bridge Ranking by MPO/RPO



CHALLENGES TO ASSET MANAGEMENT

Roadway Challenges

- Funding
- **Embankment Failures**
 - 37 Active Embankment Failures
 - 4 Closed Roadways
 - 6 Long Term Lane Closures
 - 21 Projects Currently Unfunded
 - Estimated Construction cost of \$40M



Bridge Challenges

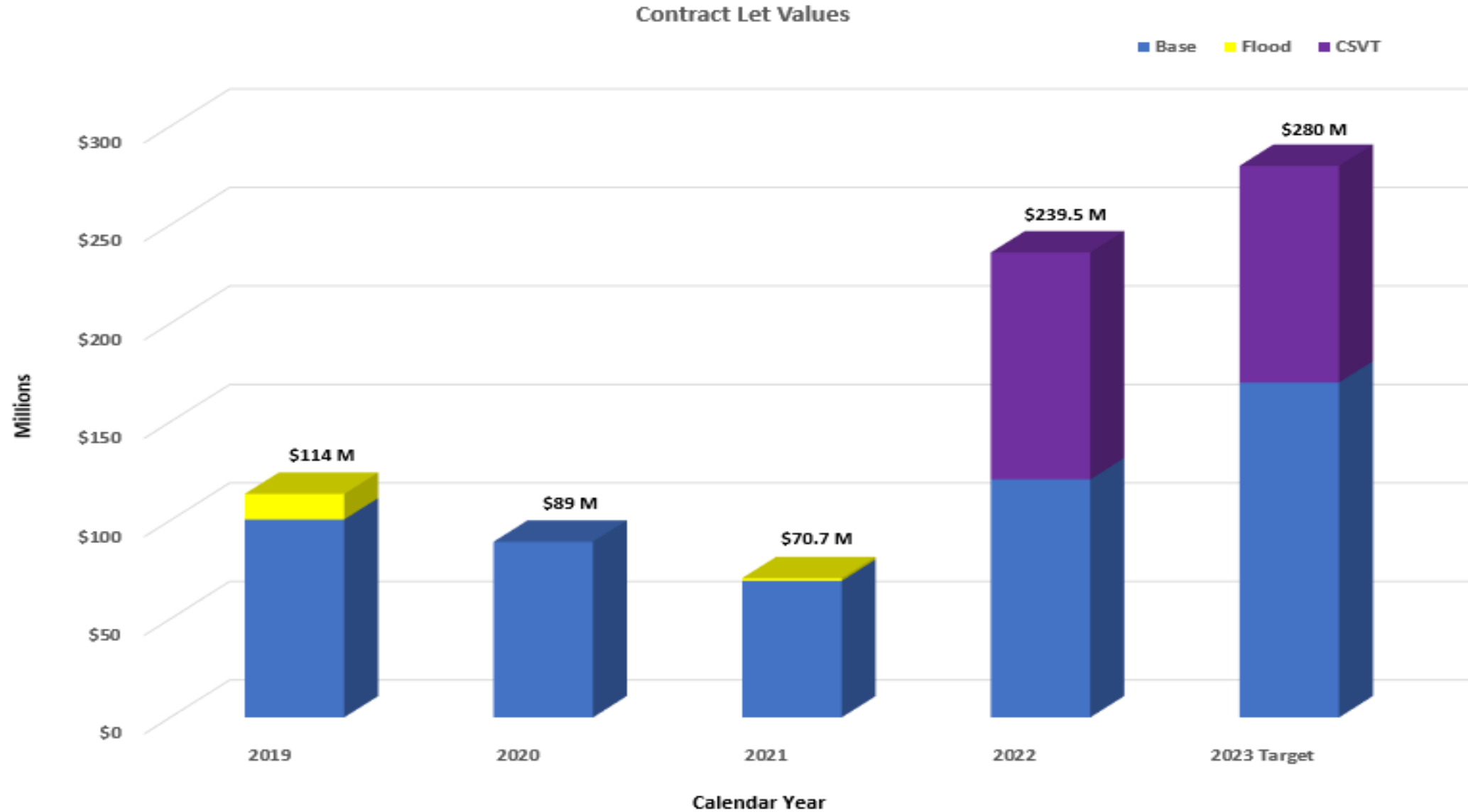
- River Bridges
- Preservation Funding



Construction Trends and Overview



DISTRICT 3: CONSTRUCTION CONTRACTS



DISTRICT 3: CONSTRUCTION OVERVIEW

2023 Construction Overview

- 110 projects let
- 162 Miles of Highway Projects
 - Resurfacing 122 miles
 - Restoration 30 miles
 - Reconstruction 2 miles
 - New Construction 8 miles
- 31 Bridge Projects
 - 8 Preservation
 - 9 Rehabilitation
 - 14 Replacement



2023 Major Projects



COLUMBIA COUNTY SR 339-06A

Location: SR 339 between Smith Hollow Road to Nescopeck Borough

Project Overview: Resurfacing and widening of 2.1 miles of SR 339

Schedule: From Spring 2022 to Summer 2024

Construction Cost: \$11.5 Million



SR 339 in Mifflin Township Before



SR 339 in Mifflin Township After



LYCOMING COUNTY SR 220-193



Location: Bridge improvement project of structures on SR 220 (two bridges over Antlers Lane, two bridges over Ramp A to West Fourth Street and two bridges over the SEDA-COG railroad tracks) in the City of Williamsport

Project Overview: Bridge rehabilitation / replacement

Schedule: From Spring 2023 to Fall of 2025

Construction Cost:

\$17.9 Million



SR 220 over the Railroad Tracks



Moveable Median Barrier



MONTOUR COUNTY SR 80-129

Location: I-80 from SR 3013 (Mexico Road) to SR 54, in Liberty and Valley Townships

Project Overview: Patching, joint sealing, shoulder reconstruction, bridge work, mill and overlay, and an ITS system

Schedule: From Spring 2023 to Fall 2026

Total Construction Cost: \$53 Million



I-80 eastbound in Liberty Township



SULLIVAN COUNTY SR 154-63S



Location: SR 154 north of World's End Road at World's End State Park in Forks Township

Overview: Embankment stabilization

Schedule: From late Summer 2022 to Spring 2023

Construction Cost:
\$2.7 Million



SR 154 World's End Road in Sullivan County



2023 Department Force Services and Projects



DISTRICT 3: DEPARTMENT FORCE OVERVIEW

PLANNED 2023 WORK

- Paving Operations 75 miles
- Bridge Work
 - Box culverts 6
 - Deck Replacement 1
 - Large Pipe Replacement 1
 - Superstructure Replacement 1
- Seal Coat Operations 625 miles
- General Maintenance
 - Shoulder cutting 2,000 miles
 - Crack Sealing 2,700 lane miles
 - Ditching cleaning 766,000 lineal feet
 - Pipe replacements 16,000 lineal feet
 - Patching/base repair 41,000 tons
 - Mowing 24,000 acres

- Spring Outreach Meetings
 - Bradford March 30, 2023
 - Tioga April 5, 2023
 - Lycoming April 20, 2023
 - Sullivan May 2, 2023
 - Snyder/Union April 13, 2023
 - Northumberland April 12, 2023
 - Columbia/Montour April 18, 2023

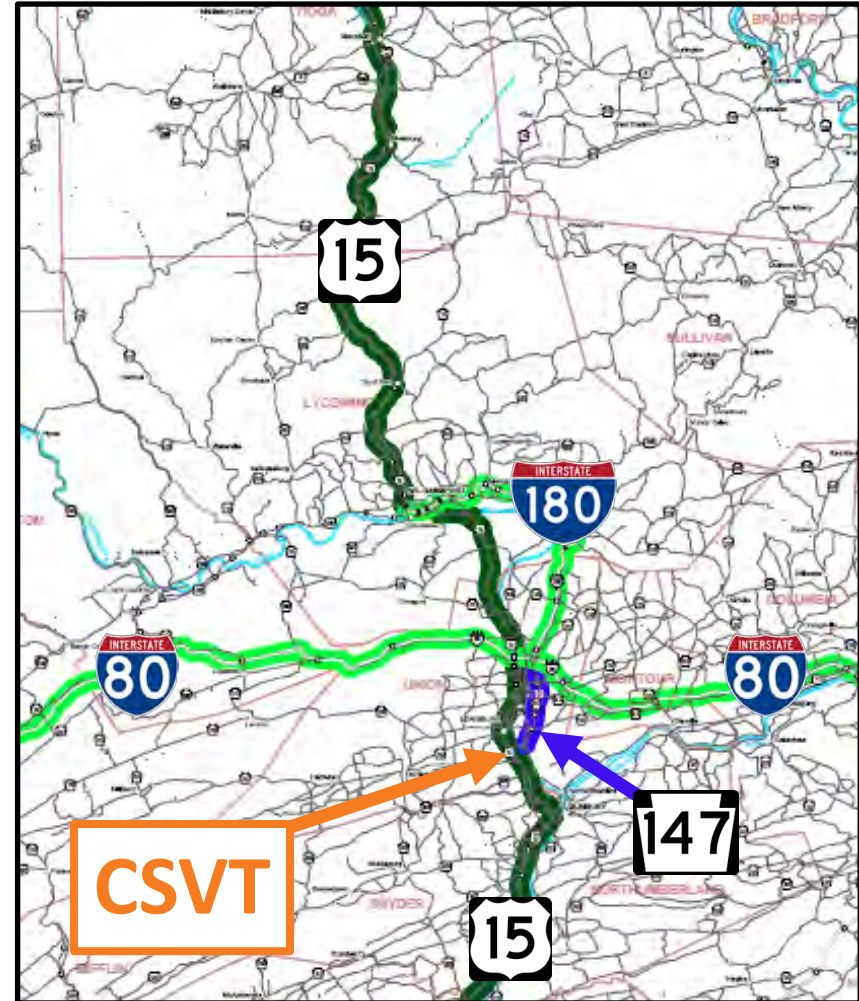


CSVT PROJECT UPDATE



CSVT: PROJECT OVERVIEW

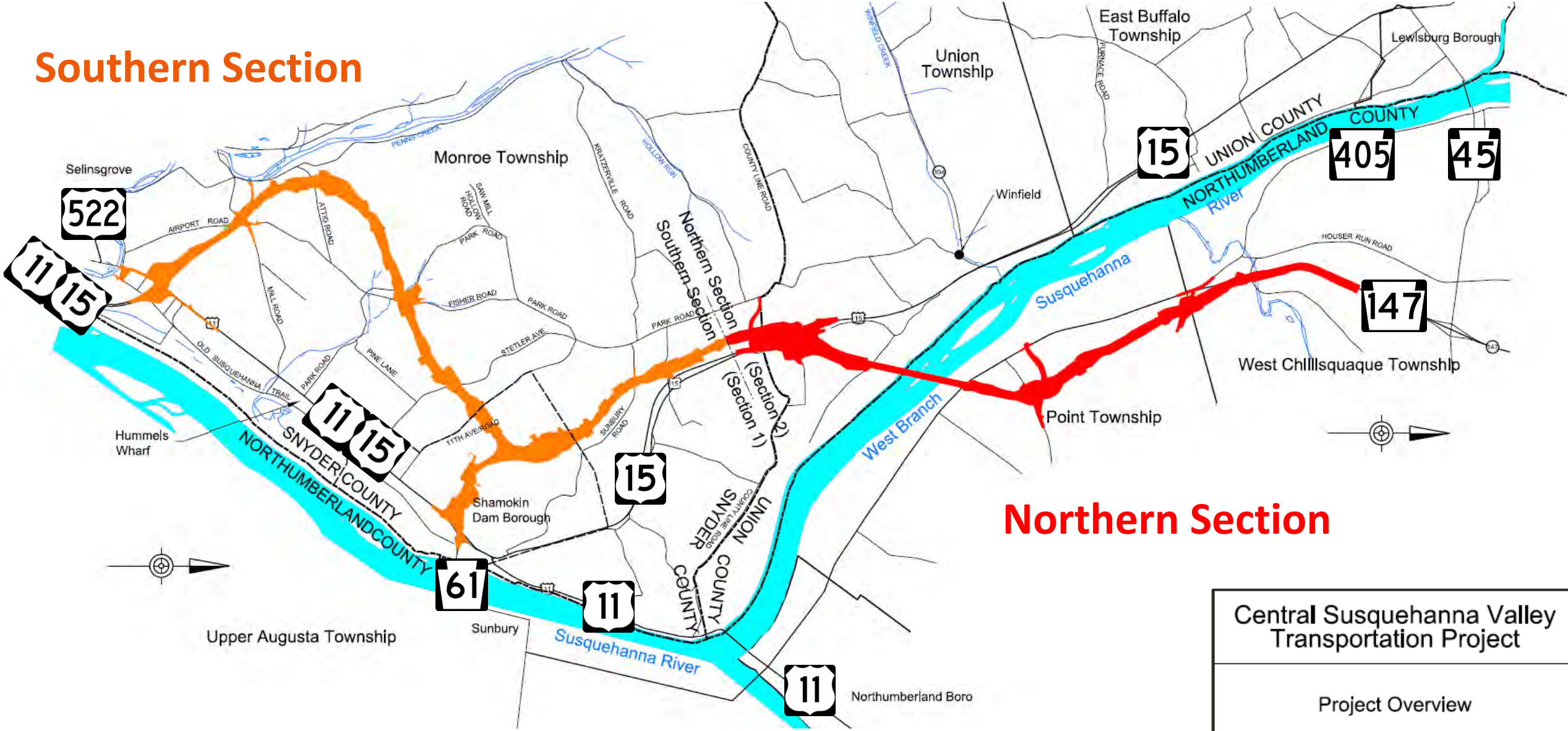
- Approximately 13 miles of new 4-lane, limited access highway
 - 4 interchanges
 - 21 bridges
 - 9 million cubic yards of earthwork
 - 800-acre footprint
- \$938 million total estimated cost
 - Including design, right-of-way, utilities, mitigation, construction, and inflation
 - \$432 million of federal funding (including \$69 million BIL grant)
 - \$506 million of state funding



CSVT: PROJECT OVERVIEW

Southern Section

Northern Section



NOTE: The proposed alignment shown on this map represents the selected alternative as of the January 2019 issuance of the Finding of No Significant Impacts for the Ash Basin Focus Area.

Central Susquehanna Valley Transportation Project
Project Overview
0 2000 4000 6000 Scale In Feet

CSVT: NORTHERN SECTION

- 3 of 4 construction contracts are complete
- 4th construction contract is 99% complete
 - Full completion anticipated in mid 2023



*CSVT Interchange with US 15
(looking south)*

*CSVT Northern Section
(looking south)*



CSVT: NORTHERN SECTION

- Northern Section opened to traffic in July 2022
- Traffic counts performed in October 2022
 - River bridge is carrying roughly 12,000 vehicles, including 3,100 trucks, per day



*Northern Section
Opening Commemoration
(June 2022)*



*CSVT River Bridge
(looking northeast)*



CSVT: NORTHERN SECTION TRAFFIC IMPACTS

Southern Section

Post-Northern Section Opening:

- US 15 total traffic is ~30% less
- US 15 truck traffic is ~30% less

Post-Northern Section Opening:

- PA 45 total traffic is ~10% less
- PA 45 truck traffic is ~20% less

Post-Northern Section Opening:

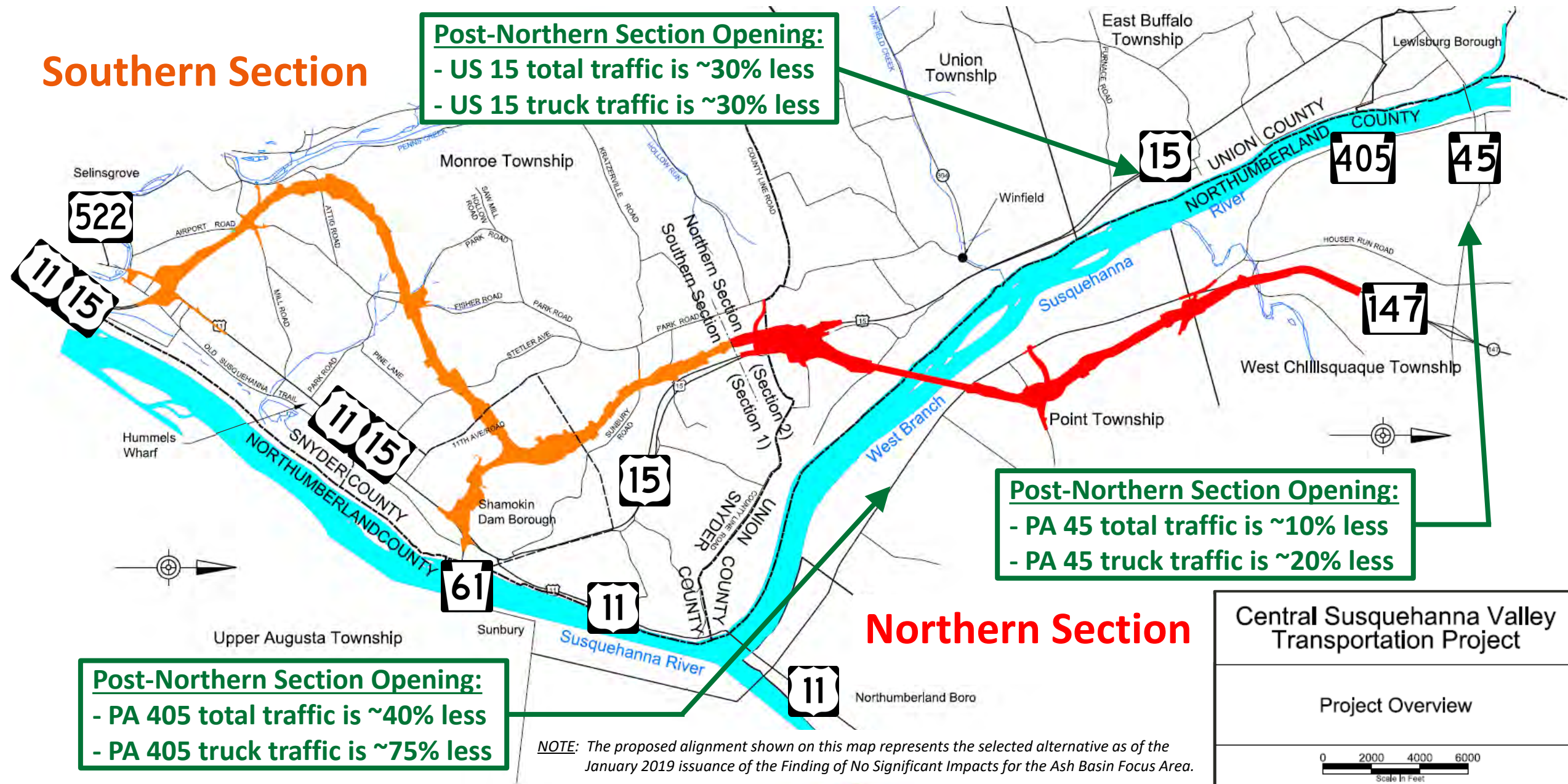
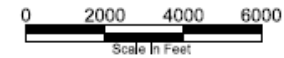
- PA 405 total traffic is ~40% less
- PA 405 truck traffic is ~75% less

Northern Section

NOTE: The proposed alignment shown on this map represents the selected alternative as of the January 2019 issuance of the Finding of No Significant Impacts for the Ash Basin Focus Area.

Central Susquehanna Valley
Transportation Project

Project Overview



CSVT: SOUTHERN SECTION

- 1st construction contract was awarded to Trumbull Corporation in May 2022 for \$115 million and includes:
 - 5 million cubic yards of earthwork
 - Sunbury Road bridge over CSVT
 - Local road reconfigurations
 - Stream culverts
 - Drainage features



CSVT Excavation near Grangers Road



CSVT: SOUTHERN SECTION

- 1st construction contract is 25% complete
 - Earthwork completion anticipated in mid 2024



Embankments for Bridge Abutments and Temporary Haul Road Crossing at Grangers Road



Stream Culvert Construction Downstream of Northern Ash Basin



CSVT: SOUTHERN SECTION

- Anticipated Schedule:
 - Late 2023 – Open bids for 2nd construction contract (for bridges and noise walls)
 - Late 2025/2026 – Open bids for 3rd construction contract (for paving and interchanges)
 - 2027 – Open Southern Section to traffic



*Rendering of
CSVT Interchange with
PA 61 Connector
(looking southeast)*



Thank You



12-Year Program Update 2023 Public Outreach Campaign Results

June 14, 2023

Daniel L. Keane | Transportation Planning Manager



State Transportation
Commission



pennsylvania
DEPARTMENT OF TRANSPORTATION

12-Year Program Update Process

This feedback is used to inform other state and regional transportation plans and programs such as Pennsylvania’s Long Range Transportation Plan and the Freight Movement Plan



2023 Outreach Campaign Goals

Increase **participation**, improve **usability**, increase **diversity** and broaden **demographic spectrum of participants**



Reach 10,000+
survey
participants



Engage local
transportation
partners &
organizations



Increase
participant
diversity



Improve
participant
experience



Increase Online
Public Forum
participation



2023 Outreach Techniques



Statewide Online Public Forum



Statewide Transportation Survey



Staffed Pop-up Events



Print and Broadcast Media



Website Announcements



PA Bulletin Announcement



Email Blasts



Social Media Campaign

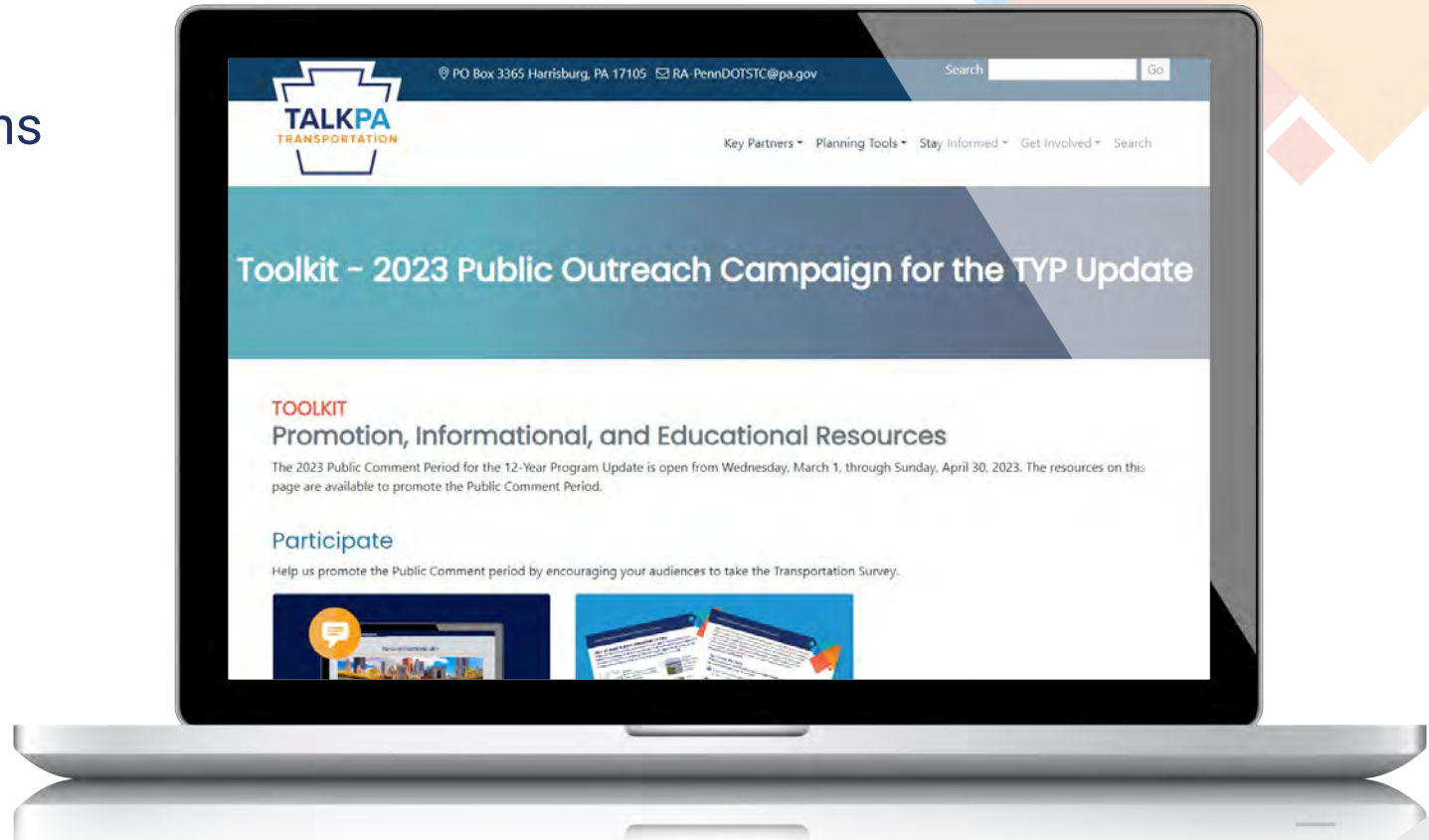


Online Toolkit



Online Toolkit

- Printable Survey
- Social Media Graphics & Animations
- Press Releases
- Newsletter Content
- PSA Script
- Factsheet
- TPR Scorecard
- Accessibility & Accommodations
- Language Taglines
- Translated Resources



Social Media

The 2023 social media outreach campaign included:

- Weekly posts on Facebook, Twitter, Instagram, and LinkedIn throughout 2023 Public Comment Period
- All graphics & videos translated into Spanish and Simplified Chinese
- Resources made available on Online Toolkit








PA Department of Transportation @PennDOTNews · 18h

Whether you are delivering packages, ordering food, or riding the bus, transportation impacts you every day. Tell us what you think at [TalkPATransportation.com](https://www.penn.gov/talkpatransportation.com). Your input helps shape PA's transportation priorities!



Online Public Forum

-  Over **3,000** meeting participants
-  Over **80** transportation questions received
-  Captioning in English and Spanish
-  American Sign Language (ASL) interpretation
-  Call-in option for audio participation



TELL US WHAT YOU THINK!

State Transportation Commission

12-Year Program Update
ONLINE PUBLIC FORUM

WEDNESDAY, APRIL 12 · 6:30 PM

FOR DETAILS:
www.TalkPATransportation.com

 **pennsylvania**
DEPARTMENT OF TRANSPORTATION



2023 Transportation Survey



10,573

Survey Participants



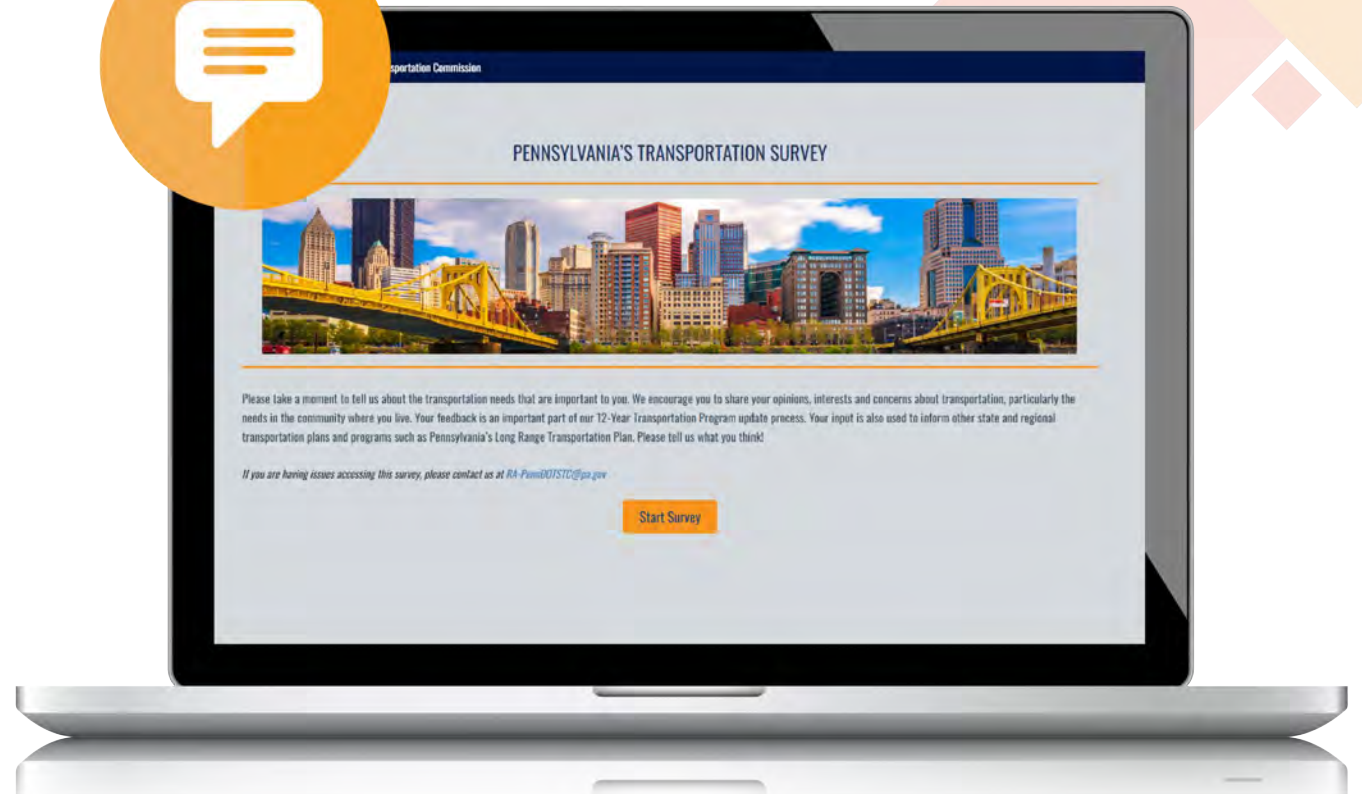
4,248

Mapped Issues



127

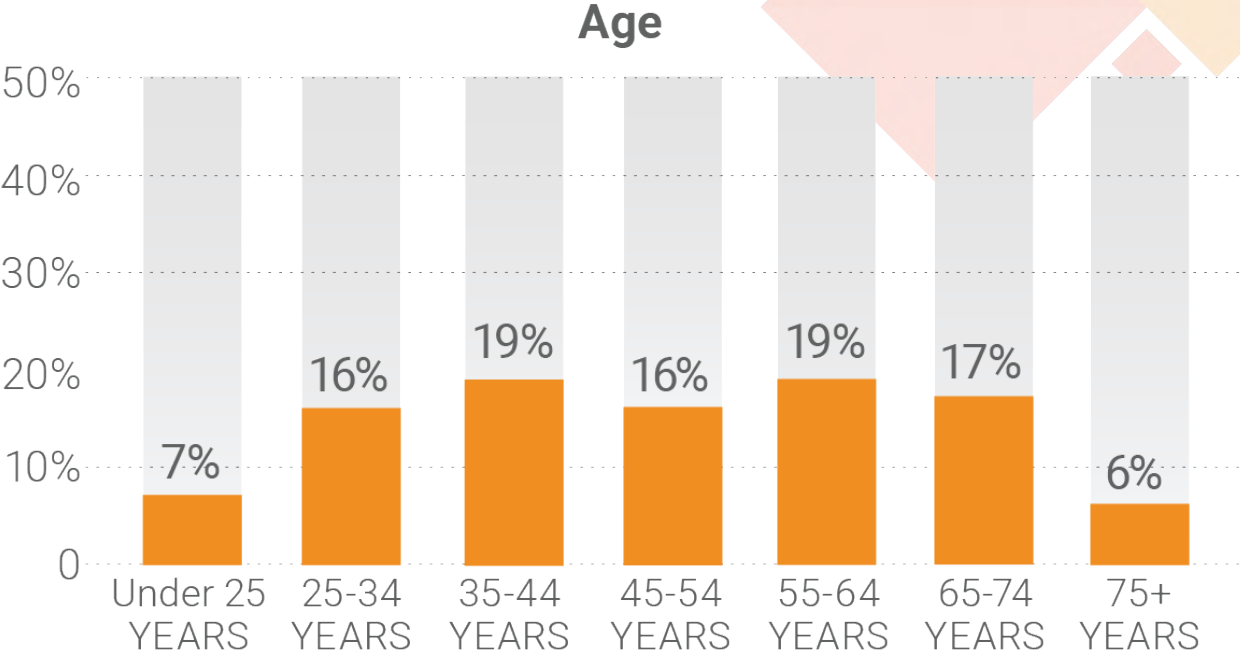
Resolved Issues



About the Survey Participants

Male	3,718	55%
Female	2,765	40%
Third gender/nonconforming	77	1%
I prefer to self-describe	9	1%
I prefer not to answer	208	3%

Responses to demographic questions were optional. Nearly 6,800 of the 10,573 participants opted to respond, and the above results reflect those responses.



What We Learned About Modes

DRIVE ALONE

You are the only person occupying the vehicle.

BICYCLING

Includes any bicycling for purposes other than recreation or exercise; includes electric or gas-powered pedal bikes.

AVIATION

Includes helicopters, commercial and private airplanes.

PASSENGER RAIL

Includes light rail, subways and Amtrak.



WALKING

Includes walking for purposes other than recreation or exercise; includes motorized or standard wheelchair.

PUBLIC TRANSIT

Includes buses and paratransit.

CARPPOOL/ RIDESHARE

Includes carpool, van pool, taxi and Uber/Lyft.

MOTORCYCLE

Includes motorized two or three-wheeled bikes such as scooters and mopeds, but not electric or gas powered pedal bicycles.



What We Learned About Priorities

- 1 ROAD PAVEMENT**
Repairing, restoring, reconstructing and maintaining Pennsylvania's 120,000 miles of state and local roadways to improve your travel
- 2 BRIDGES**
Repairing, replacing and maintaining Pennsylvania's 31,000 state and local bridges
- 3 WALKING**
Accessible and connected routes to get you where you need to go safely
- 4 TRAFFIC FLOW**
Using technology to improve traffic flow and construction of new roads and additional travel lanes to safely move people and goods more efficiently
- 5 INTERSTATE HIGHWAY**
Specific, prioritized investments in reconstructing Pennsylvania's 1,868 miles of interstate highways
- 6 TRANSIT**
Accessible and timely public transportation that covers an extensive service area and crosses regions
- 7 PASSENGER RAIL**
Intercity and commuter rail service across Pennsylvania with out-of-state connections
- 8 BICYCLING**
Safe bicycle routes and facilities throughout the commonwealth to get you where you need to go
- 9 FREIGHT**
Modern highways, railways, airports and waterways to support the economy and ensure the efficient movement of goods and services
- 10 AVIATION**
Modern facilities, operations and a wide range of commercial airline choices at airports



Other Priorities

The most common other priorities identified were:



Safety Initiatives



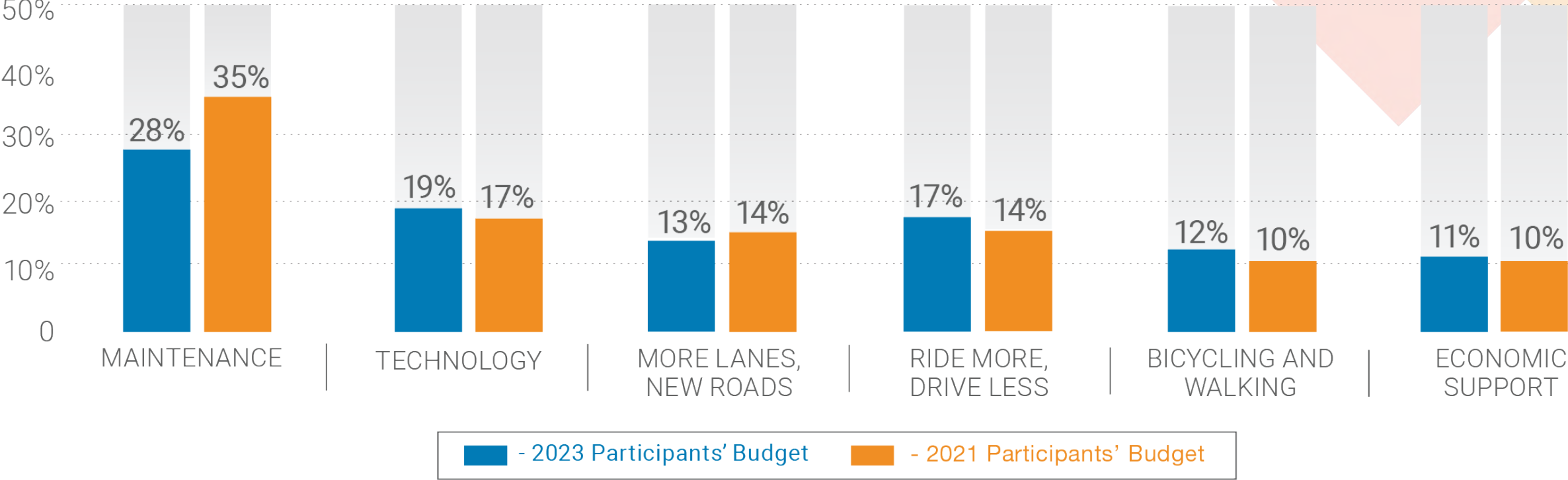
Environmental Sustainability



Electric Vehicle Infrastructure



What We Learned About Budgeting



Alternative Funding Suggestions

The most common alternative funding suggestions identified were:



Reallocation of Money



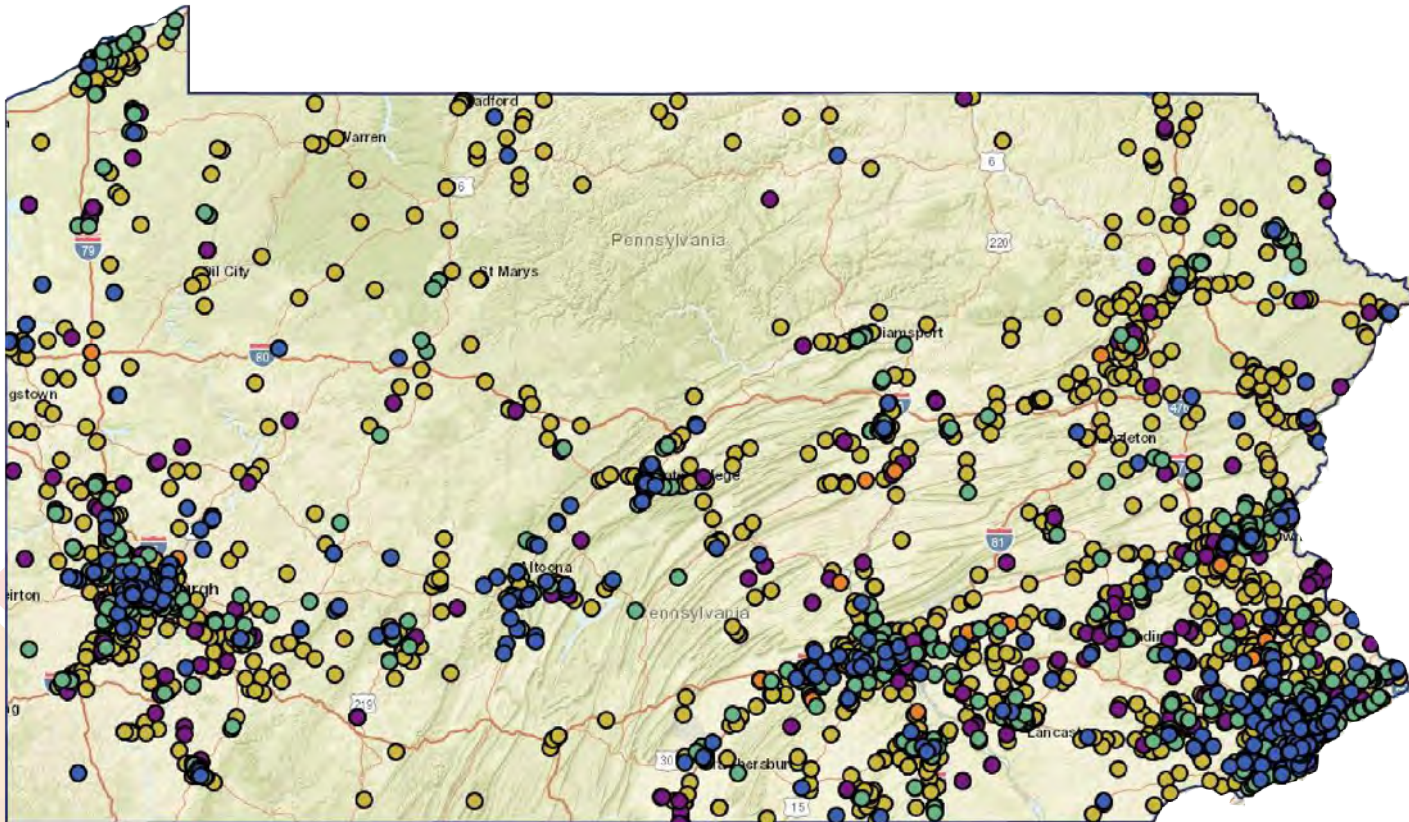
Vehicle Miles Traveled (VMT)



Tolling



What We Learned About Concerns



2,284
Roadway



1,082
Ped Bike



378
Bridge



463
Transit



41
Freight



127
Addressed



2023 Transportation Survey Results

The following reports, resources, and more can be found at TalkPATransportation.com:





THANK YOU!



Questions?

Email: dkeane@pa.gov

View the results and additional resources:

www.TalkPATransportation.com

