



OCTOBER 21, 2025

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CHIEF ENGINEER - HIGHWAY ADMINISTRATION

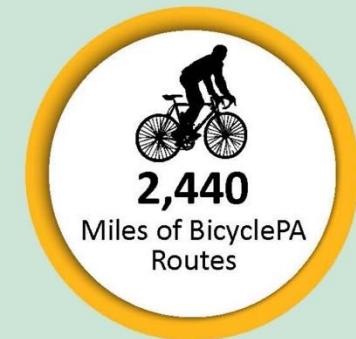
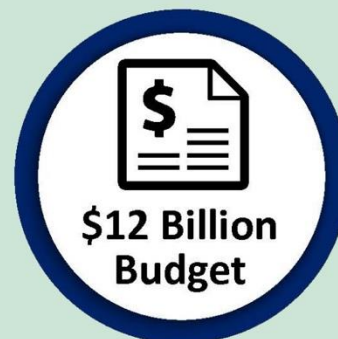


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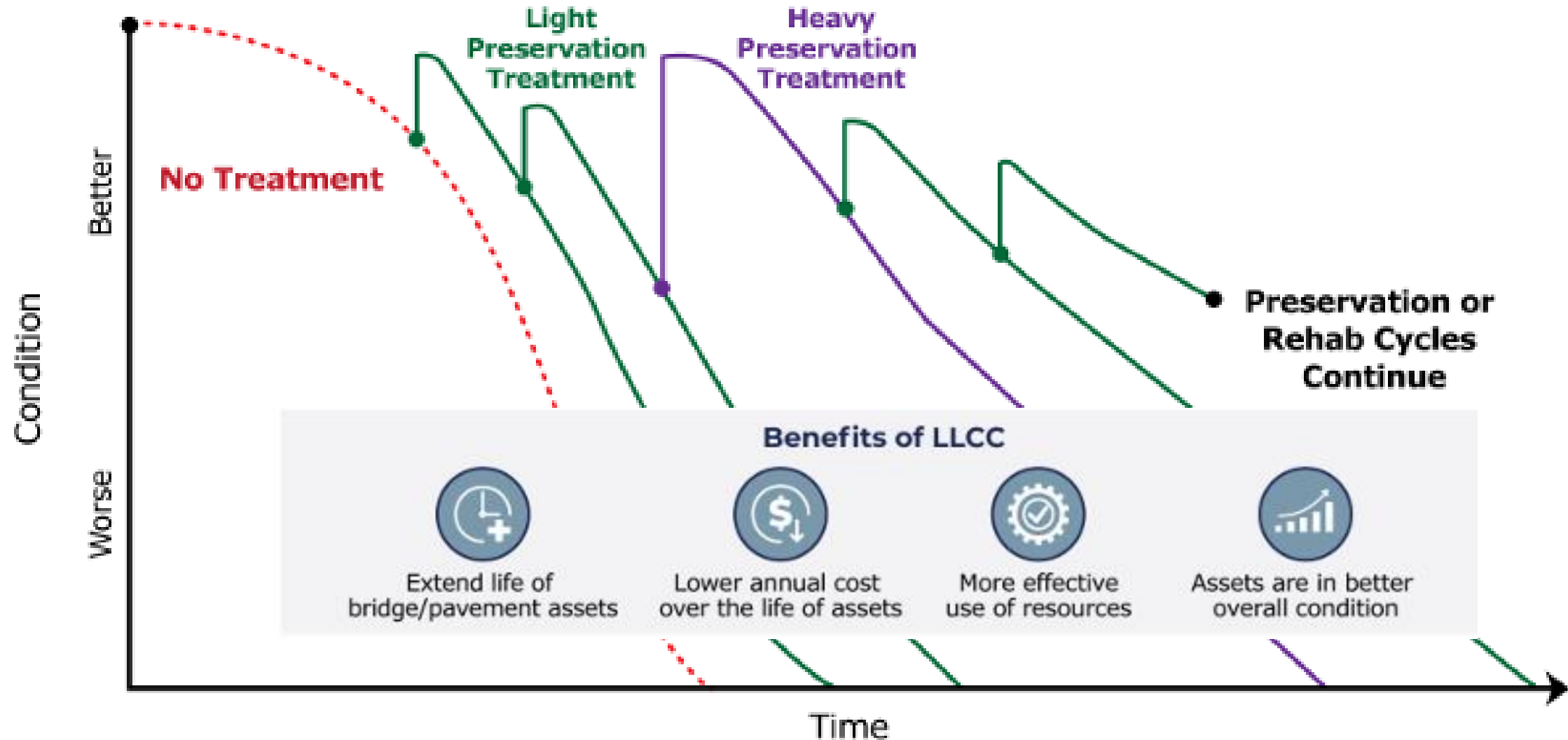
PENNDOT BY THE NUMBERS



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BENEFITS OF LOWEST LIFE CYCLE



CORE CYCLE MAINTENANCE

- Maintenance organization focus on activities to be completed by department forces and/or industry partners to extend the life of our assets and allow us to stretch the miles of our resurfacing program.
- Planning Focus:
 - **Standards Of Care**
 - (Pothole Patching, Line Striping, Sign Visibility)
 - **Cyclical Maintenance**
 - (Seal Coat, Shoulder Cutting, Crack Sealing, Side Dozing, Bridge Flushing, Concrete Joint Sealing, Sign Management, Vegetation Management)
 - **Prep work needs for preservation and resurfacing treatments**
 - (Drainage, Base Repair, Patching, Daylighting, Guiderail Upgrades)

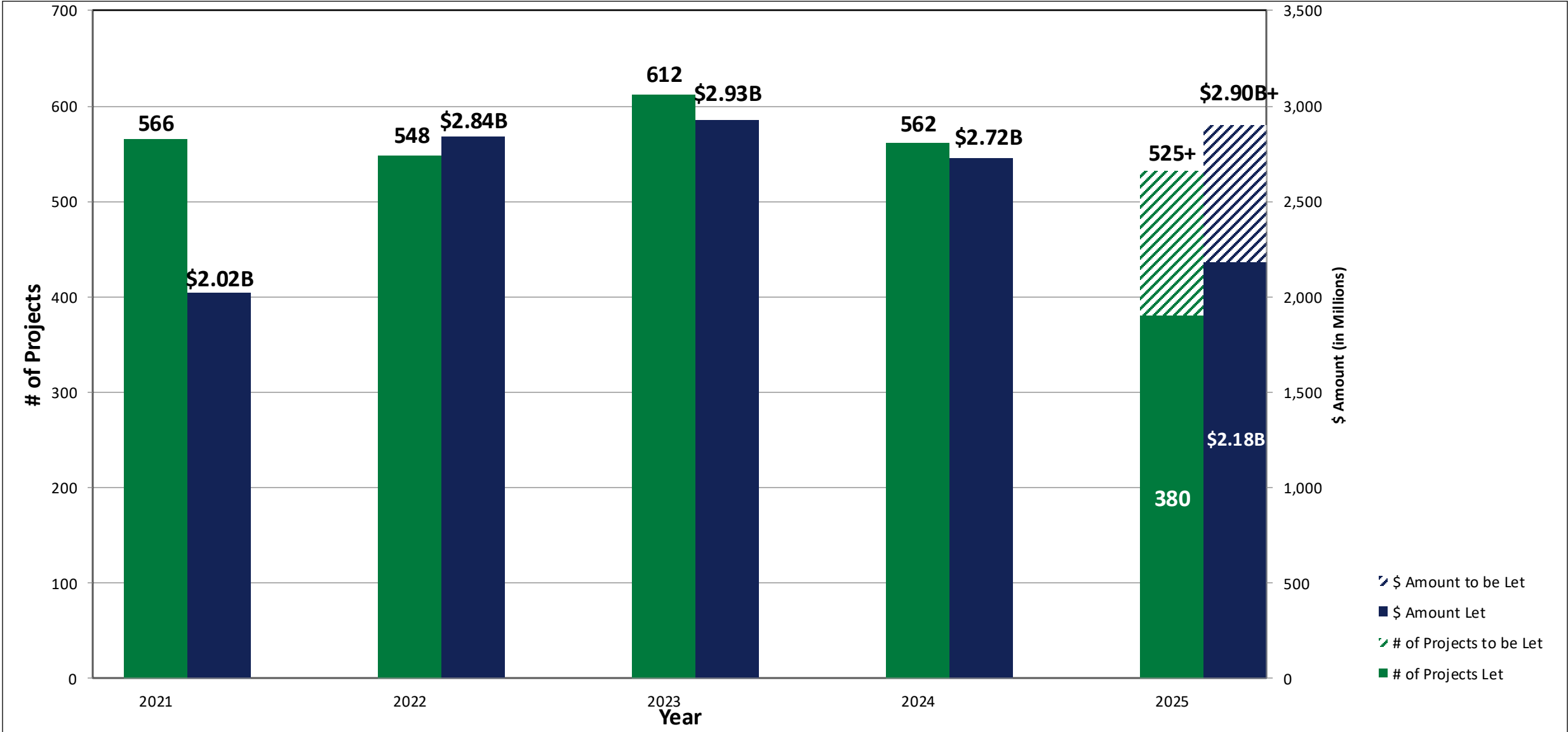
CORE CYCLE MAINTENANCE

- Completing these core maintenance activities are vital to asset management program and provide many positive results:
 - Extend the life of our assets
 - Maintain our assets in a state of good repair
 - **Stretch our resurfacing dollars to complete additional miles**

LOCAL ROAD & BRIDGE IMPROVEMENTS

- \$468M investment to support municipal roads and bridges
 - Funded through state gas tax revenues
 - Helps maintain 78,000+ miles and 6,000+ bridges
 - Paving, snow removal, repairs
 - Locals can apply for low-interest loans
 - Locals can implement \$5 fee for vehicle registrations
 - 24 counties - \$294M

LETTING PROGRAM



2025 PRESERVATION PROGRAM

Activity	Miles Completed		
	Dept Force	Contract	Total
Seal Coat	4,326	160	4,486
Fog Seals	447	118	565
Micro Surface	0	1,249	1,249
Cape Seal	2	2	2
Crack Seal	6,765	1,276	8,041
Shoulder Cutting	11,058	0	11,058
Mastics	219	0	219
Recycling	41	4	45

Note: Over 20 million gallons of seal coat oil placed



DEPARTMENT / PAAMA PARTNERSHIP

- 2025 Accomplishments
 - 1st Regional PAAMA Training Completed
 - May 20th & 21st
 - Districts 4,5,6,8
 - Development of the fog seal guidance document
 - D4 Cape Seal Pilot Project
 - SR 11 in Lackawanna County
 - 1.86 Miles long
 - Half regular seal coat and half fiberized seal coat with a double micro surface application

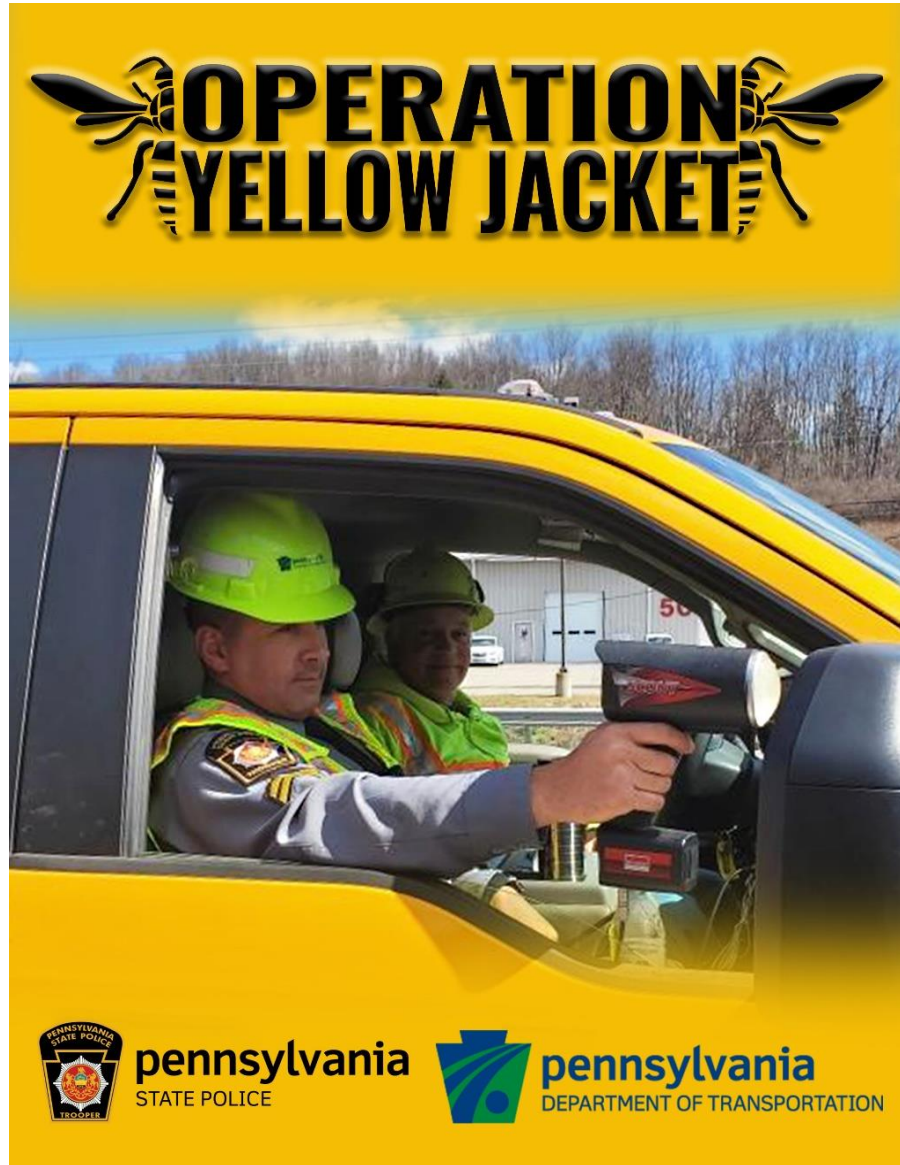


CONTINUED DEPARTMENT / INDUSTRY PARTNERSHIP

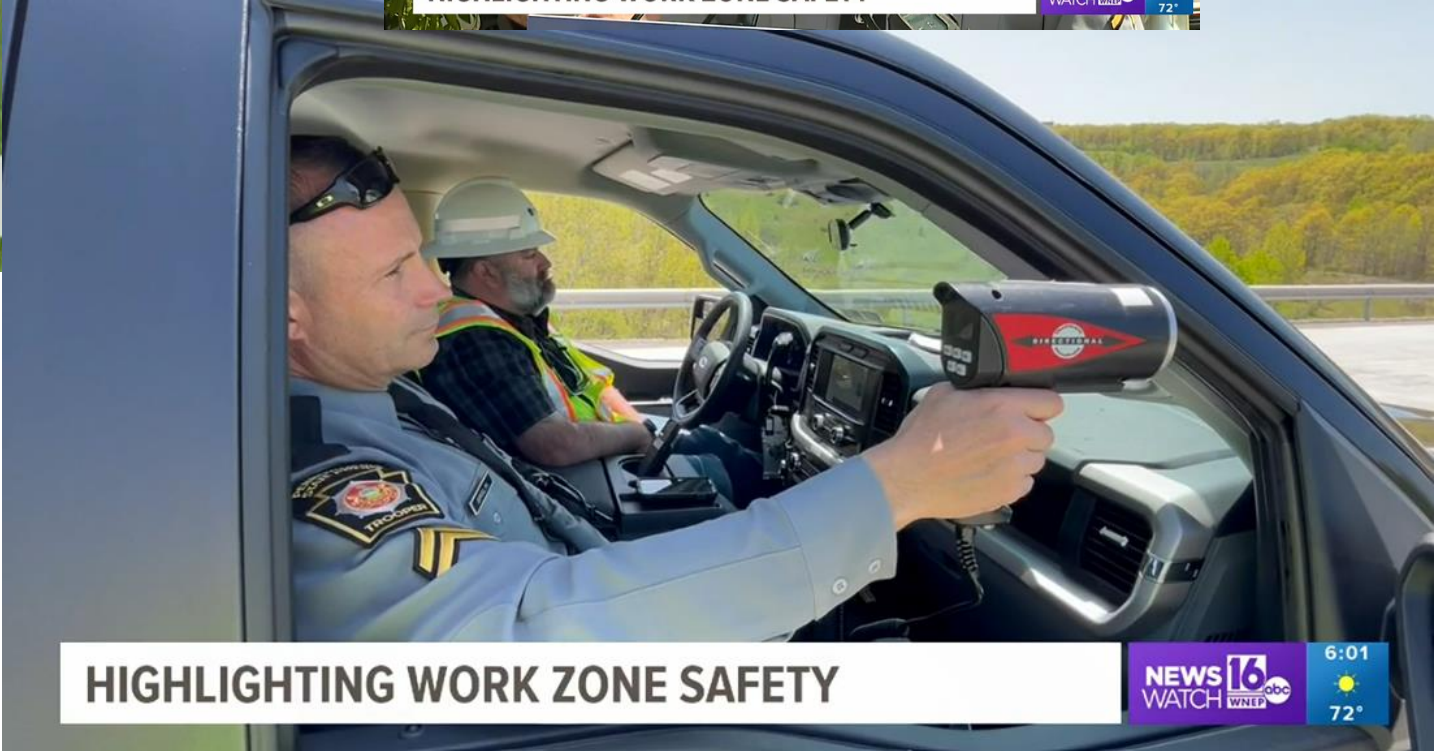
- Future Partnership Advancements
 - Continue QIC meetings
 - Strengthens Department / PAAMA Partnership
 - Cape Seal Specification Development
 - Micro Surface Specification Update
 - Seal Coat Oil Specification Update
 - Scrub Seal Project
 - District 5 Region
 - Additional PAAMA Regional Training
 - Western and Central Regions



OPERATION YELLOW JACKET



OPERATION YELLOW JACKET



Automated Speed Enforcement Program

Work Zone Speed Safety Camera Program 2025 ANNUAL REPORT



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- Annual report published April 2025
- Covers from start of program to end of 2024
- Program is fulfilling its stated goals
- Program is focused on **SAFETY**, not revenue
- 66% of deployments have been to short-term patterns



15-50% decrease
In work zone crashes when
AWZSE enforcement is present



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SAFETY VEST

- Safety Vest Pilot



GREEN LIGHTS ON EQUIPMENT

Green Lights



SAFETY THROUGH PARTNERSHIPS

- **WORKFORCE**
- **WORK ZONES**
- **FAMILIES**
- **PUBLIC**



SAFETY THROUGH PARTNERSHIPS

Improving Safety in the Transportation and Construction Industry

- Addressing common hazards
- Improving safe work conditions for all
- Informed and educated workforce
- Using different media such as video to disseminate information

Hot Material

Managing Stress In
Highway Construction

Seasonal Transition

Work Zone
Safety
Preparedness

Winter
Preparedness

Goal: Decreased catastrophic events, especially fatalities

WORK ZONE INTRUSIONS - DF 2025

Jan 1 through July 7, 2025

- 278 work zone intrusions by public motorist
 - 30 - personal injury or fleet/equip damage
 - 248 - near misses

WORK ZONE INTRUSIONS 2025

What is the most vulnerable time for our crews?

SET UP / BREAK DOWN OF MPT

- Use rolling closures
- Use PSP
- Work zone speed



PHILADELPHIA COUNTY 2025



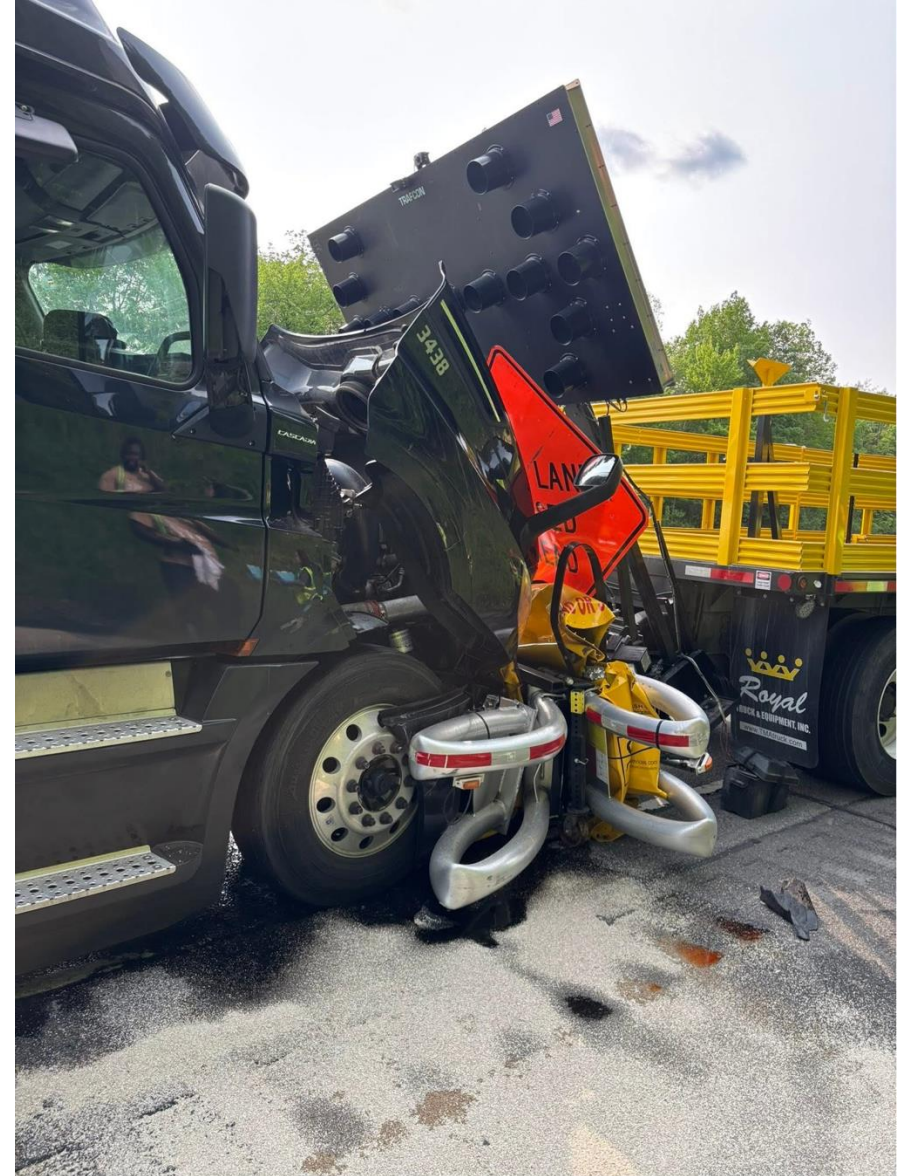
YORK COUNTY - 2025



BEDFORD COUNTY 2025



LACKAWANNA COUNTY – 2025



MONROE COUNTY I-80 - 2018



ARMSTRONG COUNTY - 2017



LUZERNE COUNTY - 2023



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MOVING FORWARD INTO 2026

We look forward to working with PAAMA and its members in 2026 and beyond !



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