



**Pennsylvania Asphalt
Pavement Association**
Pennsylvania Rides on US.



65th Annual PAPA Conference

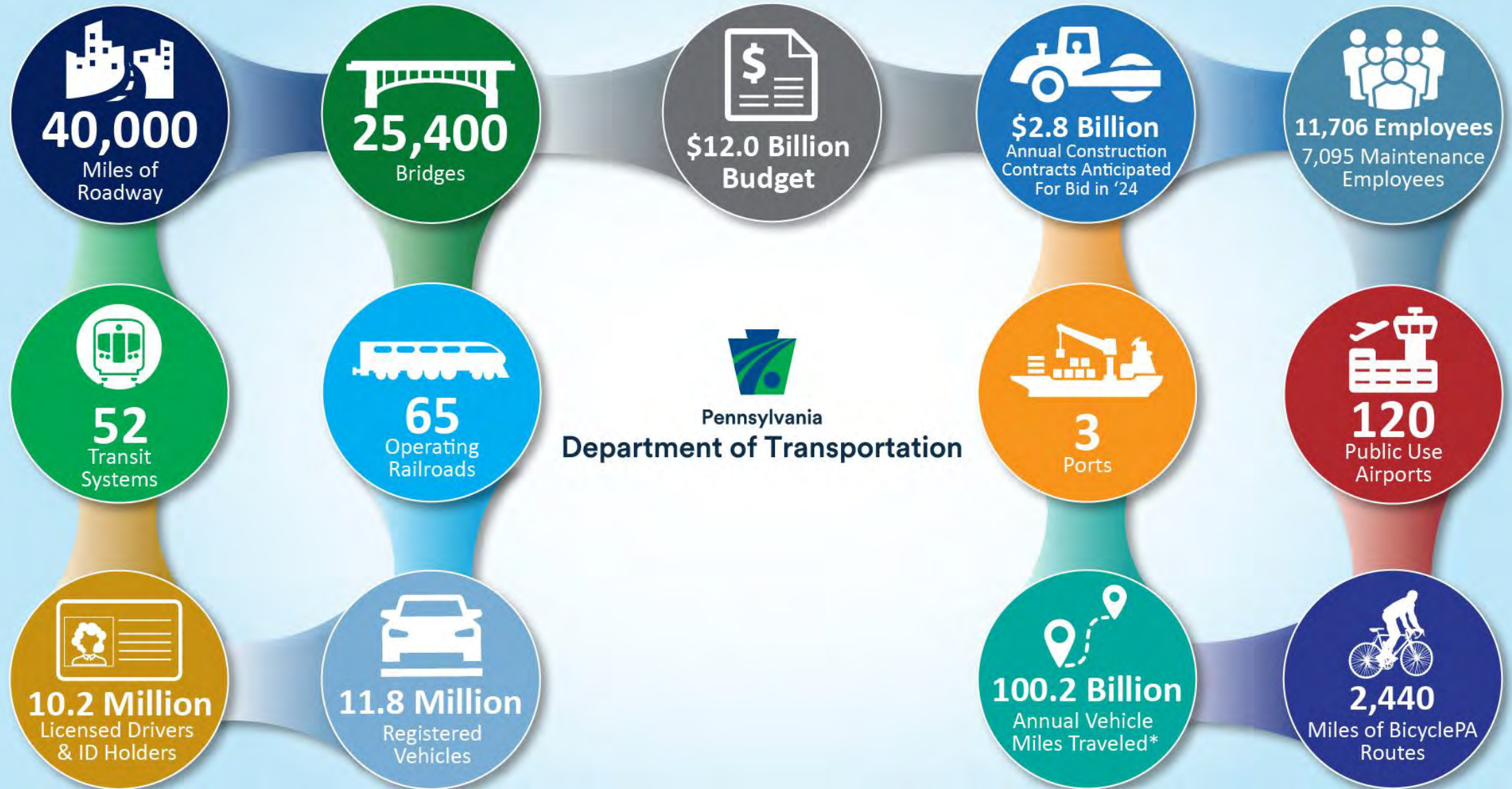
JANUARY 21, 2025

CHRIS NORRIS, P.E.
DEPUTY SECRETARY FOR HIGHWAY ADMINISTRATION

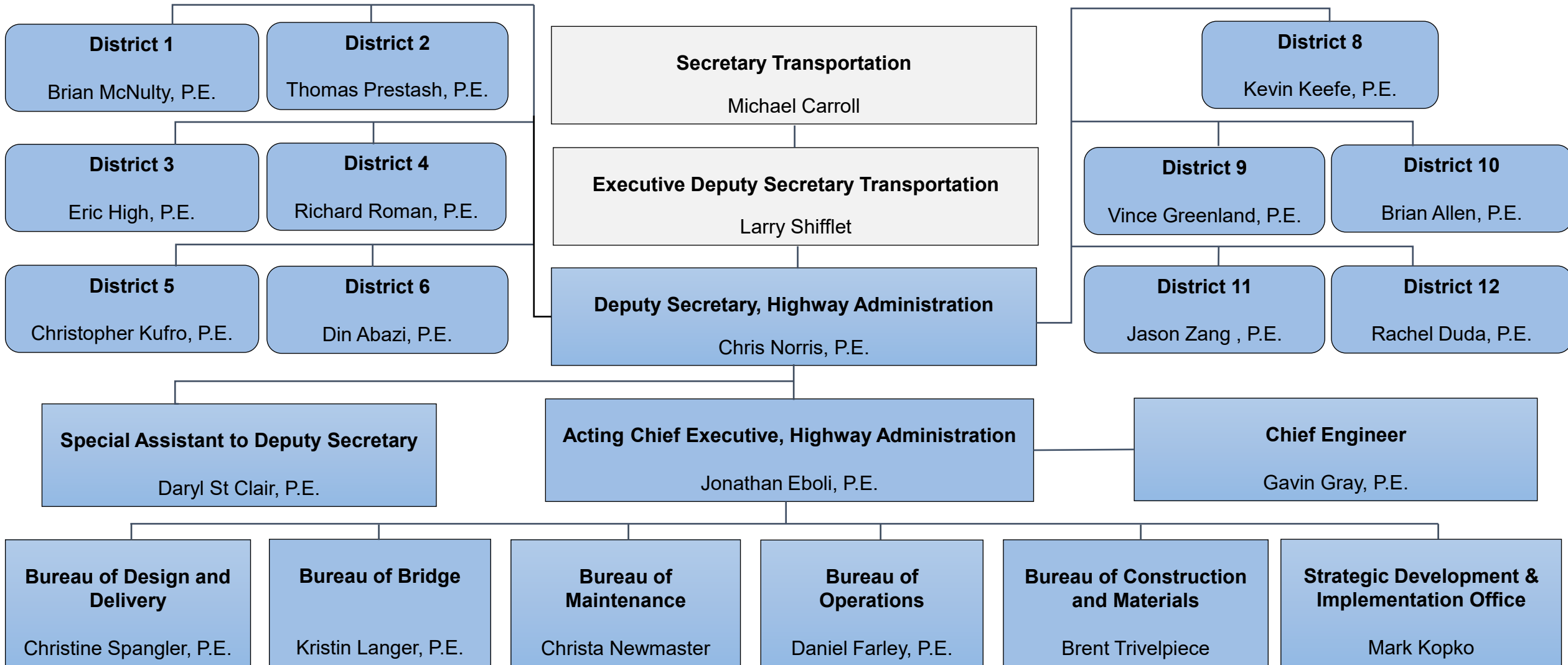


Pennsylvania
Department of Transportation

PENNDOT BY THE NUMBERS



HIGHWAY ADMINISTRATION ORGANIZATION



WORK ZONE SAFETY PARTNERSHIPS



Improving Safety in the Transportation and Construction Industry

- Decrease catastrophic events especially fatalities
- Sharing relevant safety information between the public and private sectors.
- Open dialog with contractor organizations and their members.
- Improved safety through training and education.
- Improved safety cultures among private and public entities.
- Consistency of safe work procedures.

Green Light
Initiative

Winter Preparation
Planned Maintenance

Women in the
Transportation and
Construction Industry

Heat Related
Illness

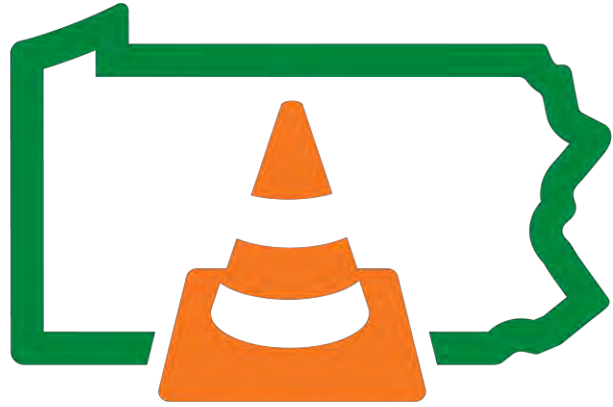
De-escalation
Techniques

WORKER VISIBILITY

Green Lights



WORK ZONE TRAINING



NEW DRIVER

WORK ZONE SAFETY PROGRAM



Pennsylvania
Department of Transportation



VISIT:

PennDOT.pa.gov/WorkZoneSafety

Click New Driver Training
in the blue box.

**New Driver Work Zone
Safety Training**



MOBILE APPLICATIONS (APPS)



eConcrete



Mileage &
Hour Log



Sample ID



eTicketing



Maintenance
& Protection
of Traffic



Visual Site
Inspection
Report



Force Account



Project Site
Inspection

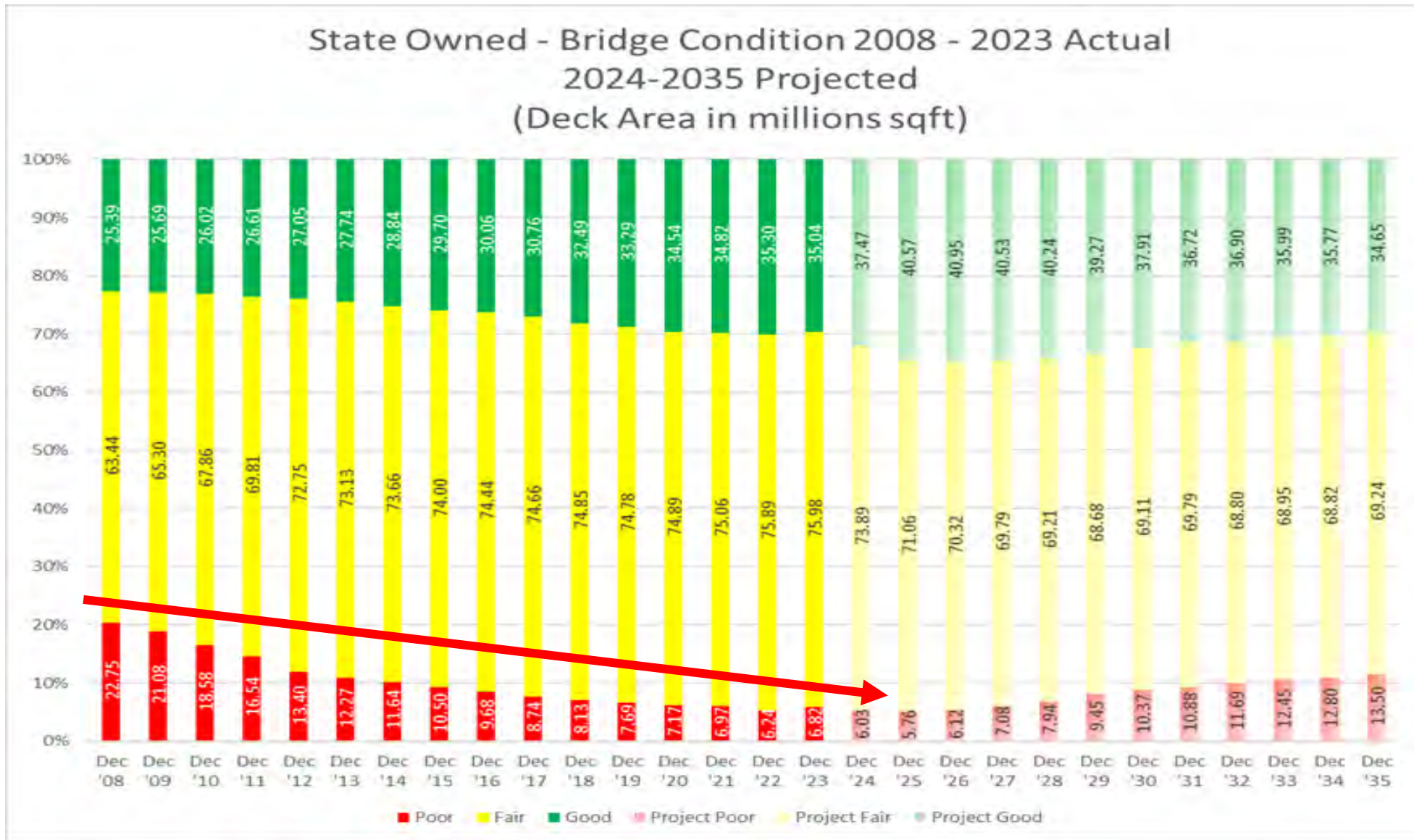


MC DOCs

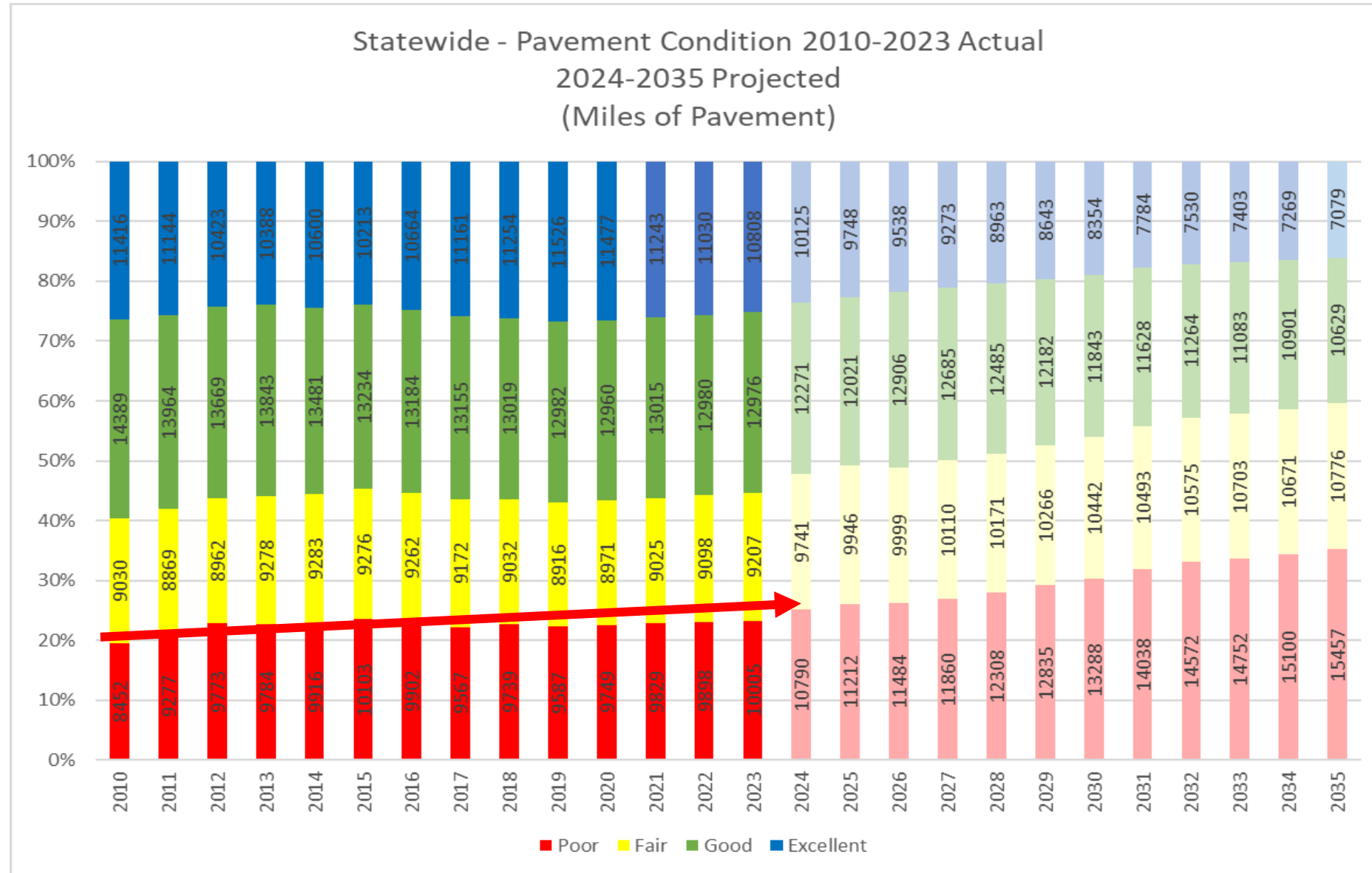


Punchlist

BRIDGES - STATE OF GOOD REPAIR



ROADWAYS - STATE OF GOOD REPAIR



INDUSTRY INTERACTION

Quality Improvement Committees:

- Asphalt Paving Quality Improvement Committee (APQIC)
 - Subcommittees:
 - NECEPT
 - Mechanical Testing and Balanced Mixture Design
 - Innovation and Implementation
- Aggregate Technical Working Groups (TWGs)
- Pennsylvania Association of Asphalt Material Applicators Quality Improvement Committee (PAAMA-QIC)



ASPHALT PAVING QIC (APQIC)

Activities and Accomplishments:

- e-Ticketing 2024 Projects under Revised Special Provision for 2024
- Submission of approximately 900 Asphalt Job Mix Formulas for 2024 with Mechanical Testing Data (Hamburg Wheel Track Testing & IDEAL-CT Testing)
- Highly-Polymerized Asphalt Binder – FHWA Grant for SMA Pilot Projects
- Environmental Product Declarations (EPDs) implemented for 2025 JMF Submissions

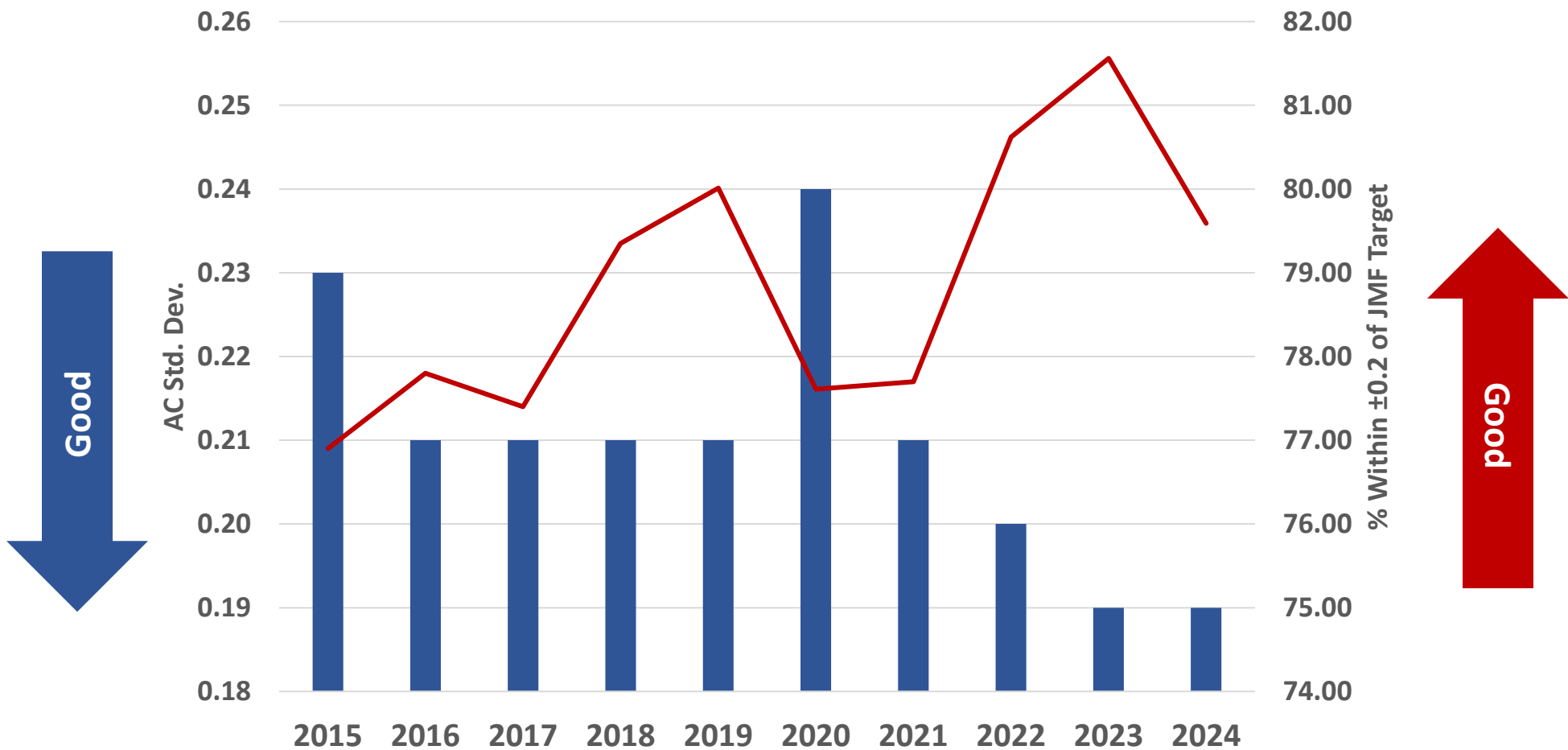


ONGOING TOPICS

- Balanced Mix Design – APQIC Subcommittee formed. Research project with Penn State ongoing, anticipated completion in 2025. Third year of required mixture testing in 2025. FHWA Balanced Mix Design (BMD) Implementation (Case Studies) Workshop was held December 5th and 6th at the Materials Testing Lab.
- Hands On Local Acceptance (HOLA) –
 - Current HOLA SSP for Superpave Mixes available for use.
 - SMA HOLA included in Pub. 408.
 - Consultant option being explored.
- Taking temperatures on asphalt mixtures - Discussions continue with PennDOT and PAPA on drafting recommended best practices for possibly allowing the use of an infrared thermometer that has been verified with a calibrated stick thermometer. Currently only calibrated thermometers are required.

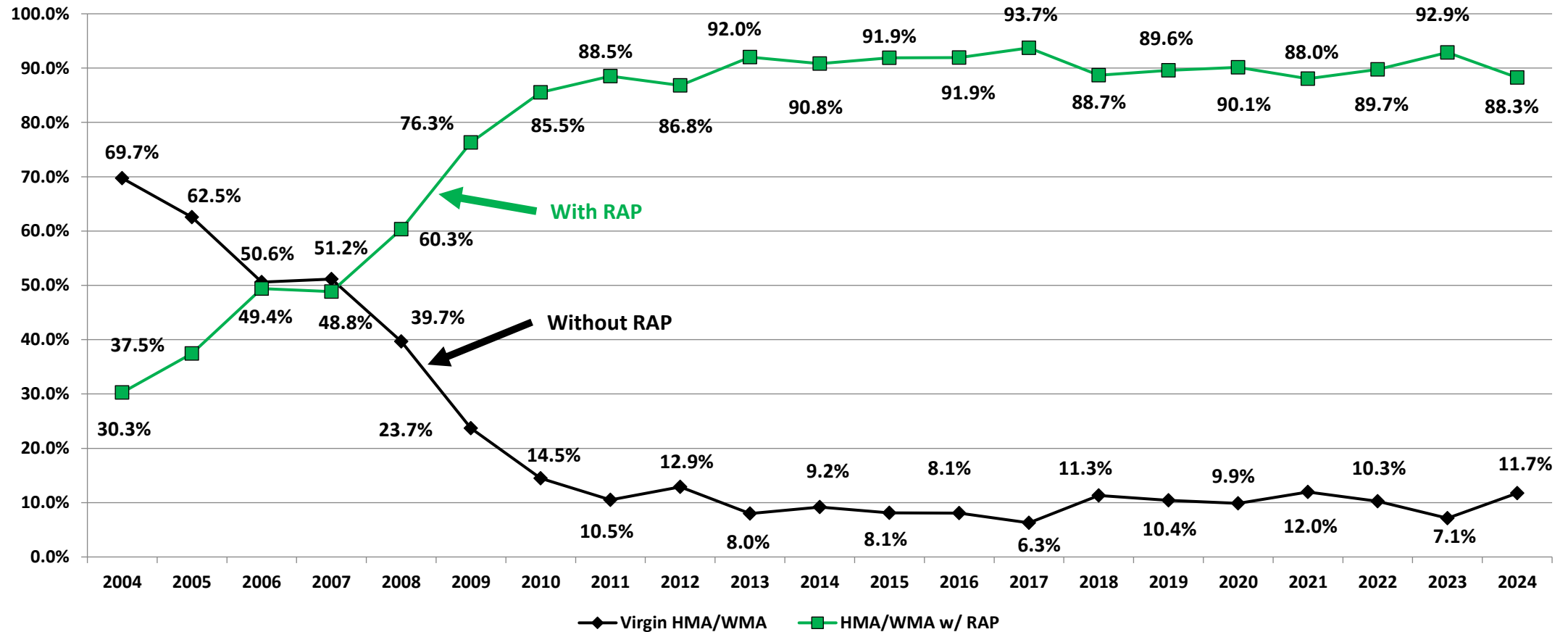
QUALITY – TRENDS & TARGETS

2024 - All 9.5 mm Superpave Wearing Courses – Std. Dev. for Asphalt Content



GREEN INITIATIVES - RAP

Reclaimed Asphalt Pavement (RAP) Usage Trend in Asphalt Mixtures





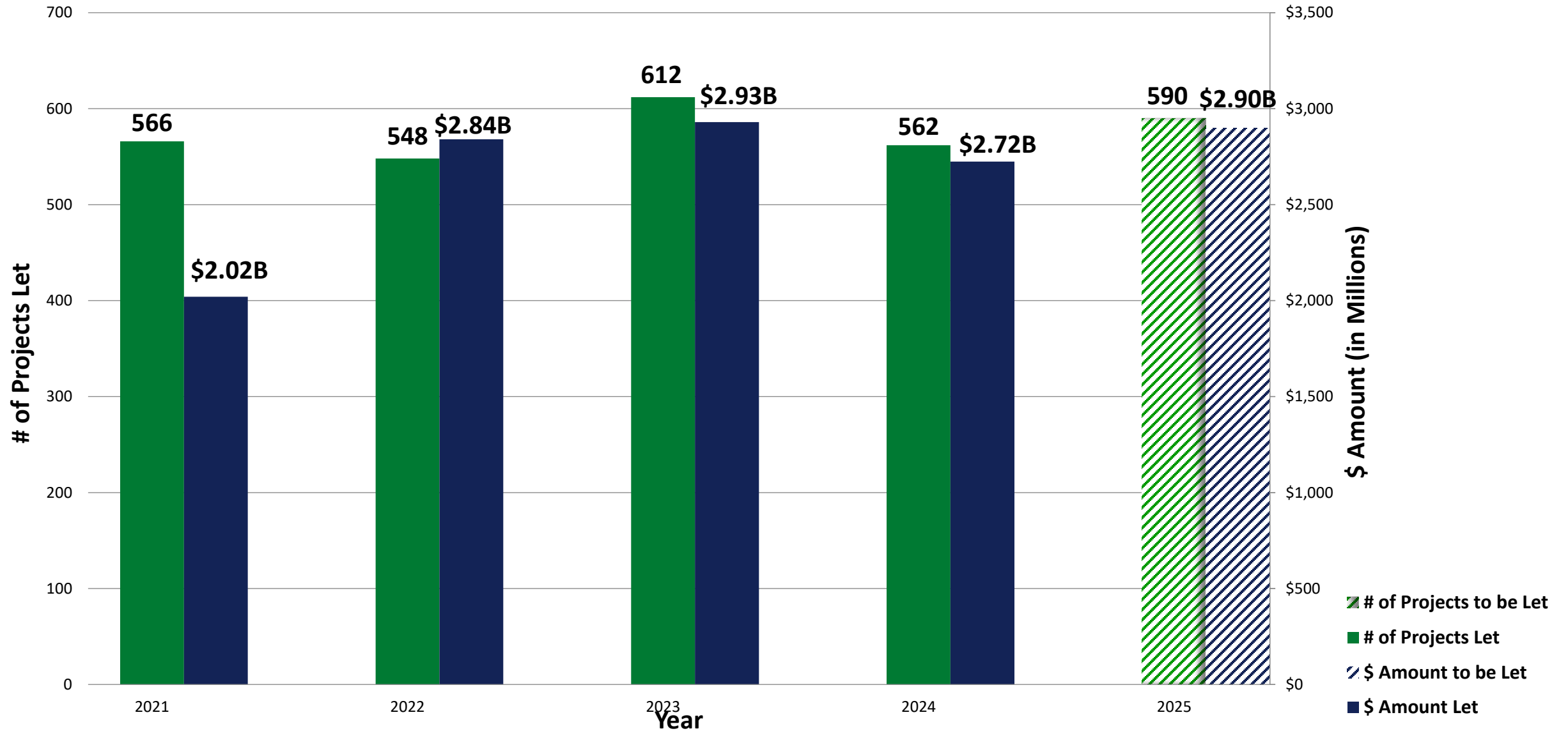
FHWA Everyday Counts 7 (EDC-7) Environmental Product Declarations (EPDs) for Sustainable Project Delivery

- ❑ In coordination with the Governor's Office, PennDOT has focused on collecting EPDs for asphalt mixtures starting in January 2025. Producers and industry notified June 2024.
- ❑ PennDOT is including a lump sum item in ECMS contracts let in 2025 to assist in offsetting these costs (similar to the eTicketing rollout).
- ❑ Bulletin 27, Appendix J was updated, via Strike-off Letter 481-24-02, outlining EPD submission process for JMF approvals.
- ❑ EPD Resource Account (EPDS@pa.gov) created to field questions as further outreach gets underway.
- ❑ eCAMMS has several helpful links and user guide for EPD submissions.

FEDERAL GRANT OPPORTUNITY

- ❑ Low-Carbon Transportation Materials (LCTM) Grant Program – Total of \$1.2 billion available to State DOTs - Part of the Inflation Reduction Act (IRA)
- ❑ **Core materials are asphalt mixtures, cement, concrete and steel**
- ❑ LCTM Grant Program Goals
 - Increase and facilitate the use of low carbon transportation materials on projects while ensuring equal or better performance
 - Ensuring efficient and adequate engineering performance through updates to specifications and development of special provisions
 - Promote technology transfer and enhance workforce development to increase the adoption of environmental quantification used in decision-making by transportation agencies
- ❑ Award to DOT's announced November 14, 2024 - **PennDOT awarded \$31,933,577**

PROJECT LETTING TRENDS



PROGRAM DISTRIBUTION

	Cost Based Percentage				
	2021	2022	2023	2024	2025
Highway	71%	73%	61%	51%	53%
Bridge	17%	19%	26%	36%	31%
Other	12%	8%	13%	13%	16%

*2025 Projected

CONSTRUCTION MATERIAL QUANTITIES

Material	2020	2021	2022	2023	2024	2025*
Asphalt (Tons)	4,240,700	4,252,700	4,654,000	4,393,000	4,353,000	4,120,500
Structural Concrete (CY)	217,000	205,500	206,900	191,800	196,000	182,100
Concrete Paving (SY)	532,700	785,500	546,200	231,800	200,400 (93,300 Tons)	317,000 (170,500 Tons)
Aggregate (Tons)	5,388,700	5,408,300	5,458,200	4,933,900	5,495,500	5,617,300

*** Estimated Projections**

MAJOR PROJECTS



Pennsylvania
Department of Transportation

DISTRICT 1

Crawford County I-79 (A09) Mercer County Line to the Geneva Swamp Bridge



- **Prime Contractor:** Lindy Paving Inc.
- **Asphalt Supplier:** Lindy Paving Inc.
- **Construction Cost:** \$9 Million
- **Project LET:** February 29, 2024
- **Substantial Project Completion:** October 30, 2024



DISTRICT 2

Centre County, Route 3014 – Section 153, Atherton Street Improvement

- **Prime Contractor:** HRI, Inc., State College, Pa.
- **Asphalt Supplier:** HRI, Inc., State College, Pa.
- **Contract Bid:** \$30.7M
- **Project Let:** May 26, 2022
- **Project Completion:** November 13, 2024



DISTRICT 3

Columbia County, Route 80 – Section 161



- **Prime Contractor:** New Enterprise Stone and Lime Co., Inc.
- **Asphalt Supplier:** New Enterprise Stone and Lime Co., Inc.
- **Construction Cost:** \$11.1 million
- **Project Let:** January 11, 2024
- **Project Completion:** June 20, 2025

DISTRICT 4

Wyoming County, Route 6 – Section PH7



- **Prime Contractor:** Bishop Brothers Construction Co. Inc.
- **Asphalt Supplier:** Bishop Brothers Construction Co. Inc.
- **Bid Amount:** \$3.4M
- **Project Let:** March 14, 2024
- **Project Completion:** October 10, 2024

DISTRICT 5

Schuylkill County, Route 81 – Section 25M

- **Prime Contractor:** H&K Group
- **Asphalt Supplier:** H&K Group
- **Construction Cost:** \$14.3M
- **Project Let:** April 27, 2023
- **Project Completion:** June 13, 2025



DISTRICT 6

Philadelphia County, I-76: Route 1 to I-676 Section IMP



- **Prime Contractor:** Haines & Kibblehouse, Inc. (Philadelphia, PA)
- **Asphalt Supplier:** Haines & Kibblehouse, Inc., Delaware Valley Asphalt (Philadelphia, PA)
- **Construction Cost:** \$36.8M
- **Project Let :** February 2, 2023
- **Project Completion:** June 26, 2025

DISTRICT 8

York County, Route 3075 – Section 002

- **Prime Contractor:** JVI Group, Inc.
- **Asphalt Supplier:** York Materials Group, Roosevelt
- **Construction Cost:** \$4.4 million
- **Projects Let:** November 02, 2023
- **Project Completion:** November 25, 2024



DISTRICT 9

Fulton County, Interstate 70 – Sections 033, 034, & 039 (MD Line to Bedford County)



- **Prime Contractor:** New Enterprise Stone & Lime Company, Inc.
- **Asphalt Supplier:** New Enterprise Stone & Lime Company - Ashcom (NEW05C41)
- **Construction Cost:** \$44.6M combined
- **Projects Let:** Section 033 (WB Amaranth to Bedford) – January 13, 2022
Sections 034 & 039 (EB Amaranth to Bedford & Amaranth to MD Line) – April 13, 2023
- **Projects Completion:** Section 033 (WB Amaranth to Bedford) – September 17, 2024
Sections 034 & 039 (EB Amaranth to Bedford & Amaranth to MD Line) – August 2027 (on-going)

DISTRICT 10

Jefferson County, US 322 Segment 300 – PA 950 Resurfacing

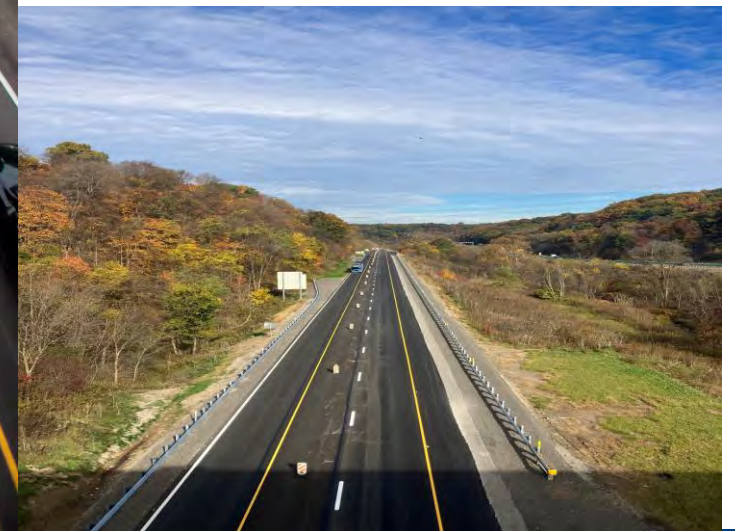
- **Prime Contractor:** Glenn O. Hawbaker, Inc.
- **Asphalt Supplier:** Glenn O. Hawbaker, Inc.
- **Construction Cost:** \$5M
- **Project LET:** January 2024
- **Project Complete:** October 2024



DISTRICT 11

Allegheny County, Route 79 – A69 “S-Bends Project”

- **Prime Contractor:** Lindy Paving, Inc.
- **Asphalt Supplier:** Lindy Paving Inc.
- **Construction Cost:** \$43M
- **Project LET:** November 2022
- **Project Completion:** October 2025



DISTRICT 12

Westmoreland County, Route 30 Surface Improvement



- **Prime Contractor:** Tresco Paving Corporation and Derry Construction
- **Asphalt Supplier:** Tresco Asphalt and Derry Asphalt
- **Construction Cost:** \$8.5M
- **Letting Date:** April 18, 2024
- **Project Completion:** November 15, 2024

WORKING TOGETHER

- Transportation Needs
- Transportation Funding
- Team Efficiencies

MOVING FORWARD IN 2025

We look forward to working with PAPA and its members in 2025!



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