



PENNSYLVANIA TURNPIKE COMMISSION

63rd Annual PAPA Conference
January 17, 2023

Mark Compton, Pennsylvania Turnpike Commission

Economic Engine

The PA Turnpike Commission is more than a roadway.

- A billion-dollar enterprise driving our state and national economies
- Generates, collects, and manages \$1.5 billion annually



550+
MILES



10
TUNNELS



136
FACILITIES



NEARLY **90**
INTERCHANGES



851
BRIDGES

Strengthening Communities

Moves **500,000+**
people daily, providing communities
with goods and services

Supports local businesses and communities
by investing **\$600 million**
annually through contracts and construction projects

Employs
1,300 people

Invests in **large
infrastructure
projects**

COMMUNITY

Driving to the Future

The PA Turnpike is among the most highly respected in the industry.



Modernize

All-Electronic and Open Road Tolling Operations



Innovate

Connected and Automated Vehicles



Connect

Fiber Optic Network and Broadband Expansion

Safety and Customer Service Leader

The PA Turnpike Commission consistently outperforms our peers in the safety and reliability of our roadway.



Incident Clearance Rates



Crash Rates



Work Zone Safety

Innovations in Safety

Automated Work Zone Speed Enforcement

- Over 8,200 deployments
- 992,000 violations have been issued
- 15.7% are repeat offenders
- Pilot program concludes in 2024

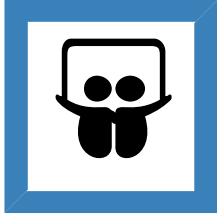


Truck-Mounted Attenuator Airhorns

- Physical barrier between traffic and the workers in the work zone
- Deter distracted driving and collisions



Social Steward



Ensuring an
**inclusive, open
and supportive**
workplace



Creating
awareness
of **human
trafficking**



Building a
sustainable and
restorative
roadway

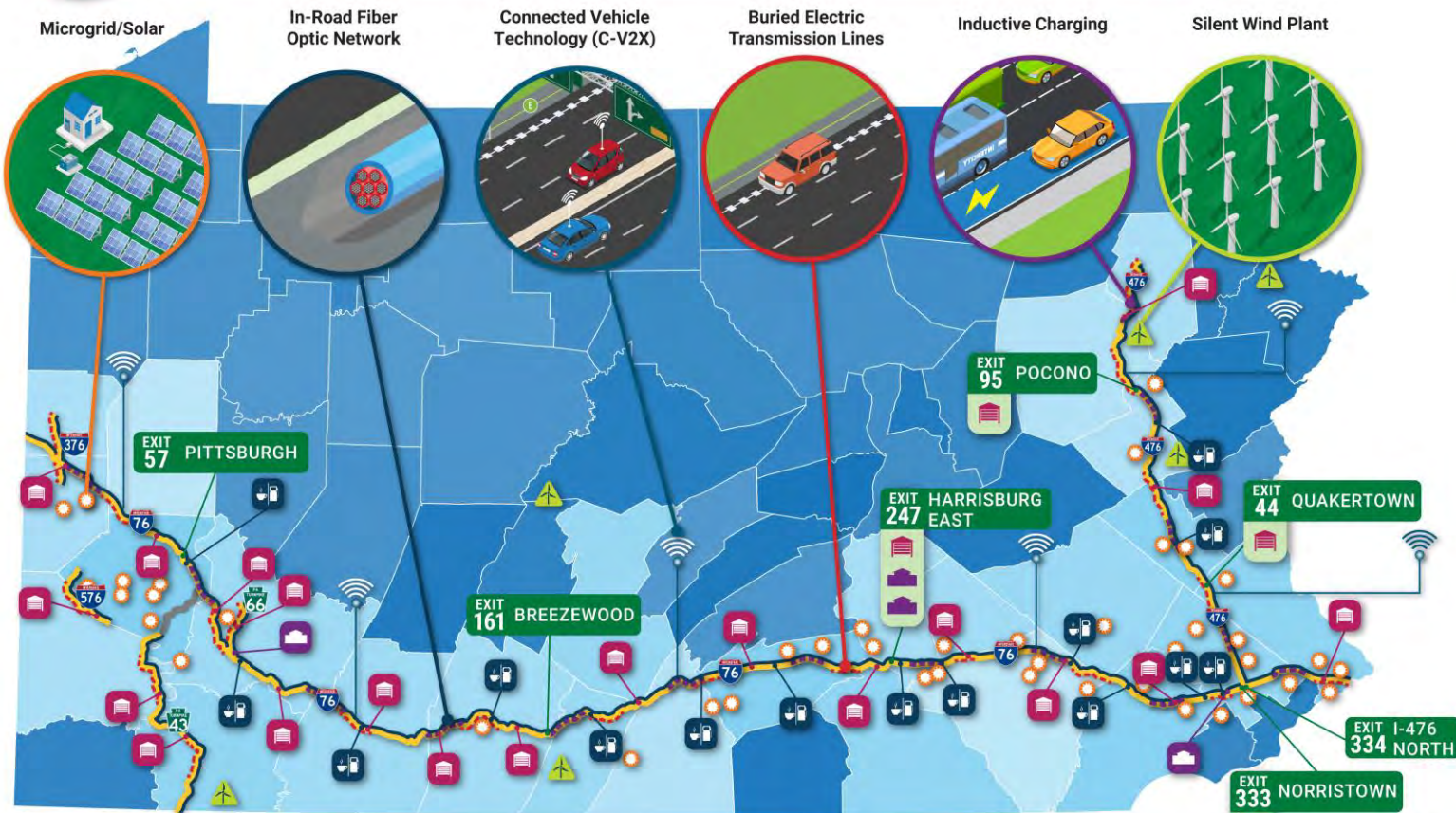
A Culture of Sustainability

- Sustainability Committee
- 30-Year Commitment to Sustainable Best Practices
- Achieved a 100% Certification Score from the GreenGov Council
- Adopted the 17 U.N. Sustainable Development Goals





VISION FOR A SUSTAINABLE ROADWAY 2040



- SERVICE PLAZA
- MAINTENANCE FACILITY
- PTC ADMINISTRATIVE BUILDING
- EXIT
- ROADWAY
- MICROGRID/SOLAR
- IN-ROAD FIBER NETWORK
- CONNECTED VEHICLE TECHNOLOGY (C-V2X)
- BURIED ELECTRIC TRANSMISSION LINES
- INDUCTIVE CHARGING
- SILENT WIND PLANT

Solar Microgrid - Greensburg



- 1.3 MW of Solar Power
- 1.35 MW from Natural Gas
- Tax Incentives
- ROI in 6 Years
- Projected to Generate \$450-\$650K Annually
- 20-Year Net Income to PTC will be \$8 to \$9 Million

Pavement Priorities



Total Reconstruction
2022 – 2.5 Miles
2023 – 8 Miles



Mill and Pave Projects Placed
2022 – 54 Lane Miles
2023 – 115 Lane Miles



Asphalt Mixture Placed
2022 – 608,938 Tons
2023 – 1,034,082 Tons



New Construction –
Mon-Fayette Expressway
(Concrete)
2023 – 7 Miles



91% of Lots
Received
100% Payment



Average Payment
Density
95%



Average IRI
47 Inches per
Mile

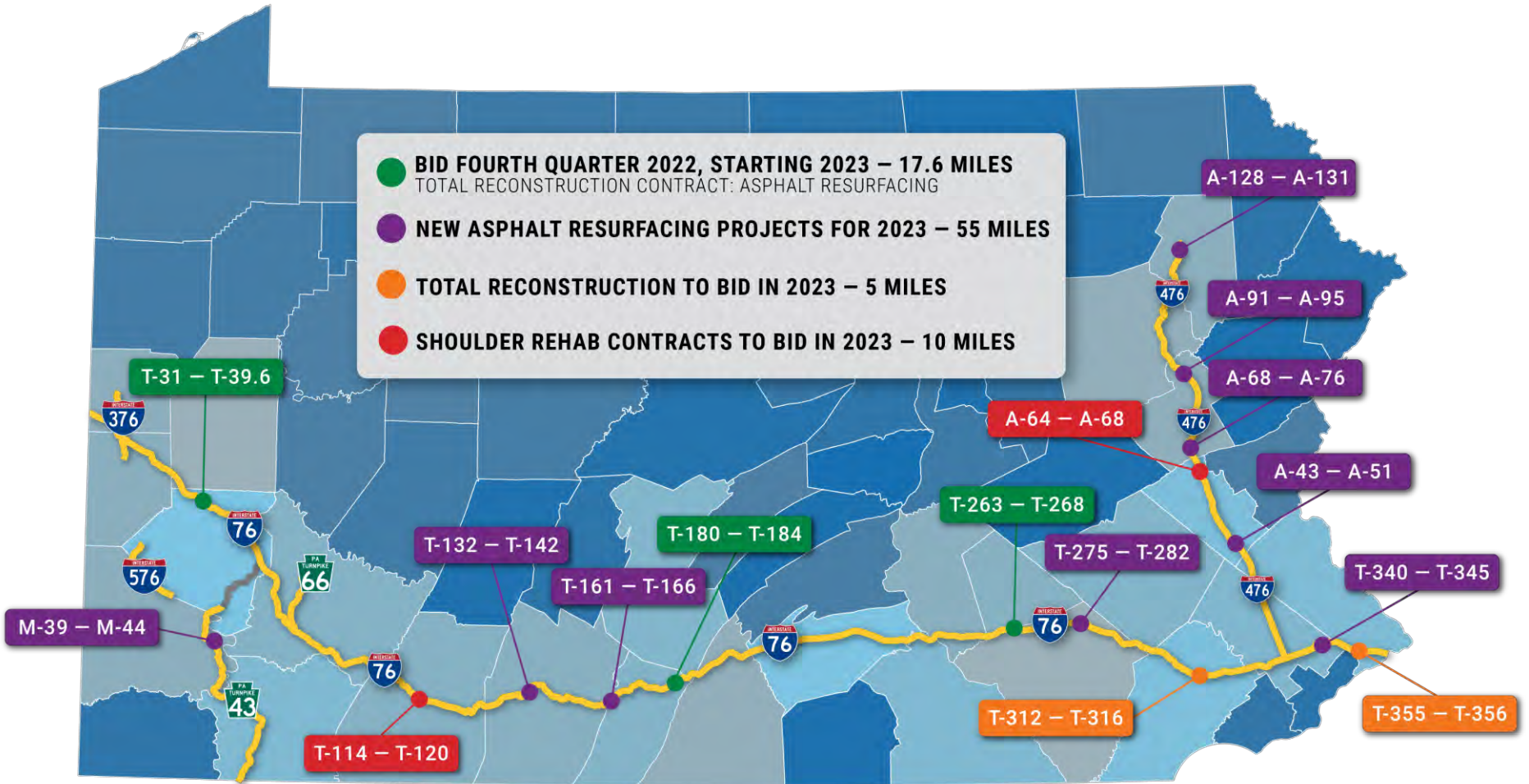
BID FOURTH QUARTER 2022, STARTING 2023 – 17.6 MILES

TOTAL RECONSTRUCTION CONTRACT: ASPHALT RESURFACING

NEW ASPHALT RESURFACING PROJECTS FOR 2023 – 55 MILES

TOTAL RECONSTRUCTION TO BID IN 2023 – 5 MILES

SHOULDER REHAB CONTRACTS TO BID IN 2023 – 10 MILES



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Questions?