

Targeted Overlay Pavement Solutions (TOPS)

Targeting Safety Improvements

Use of pavement overlays is a primary method of extending the service life of the existing pavement infrastructure. Targeted Overlay Pavement Solutions (TOPS) include multiple types of new overlay improvements that have proven to be more durable and cost-effective than conventional pavement overlays. TOPS is a Federal Highway Administration (FHWA) Every Day Counts Round 6 (EDC-6) innovation that Pennsylvania championed.

What are the benefits?

- Improves the condition of deteriorated pavement, **enhancing safety** for motorists and reducing maintenance needs
- Can provide **greater durability** and be **more cost effective** than traditional overlay solutions
- **Reduces the need for** more expensive and disruptive **roadway reconstruction** projects

How does it work?

TOPS includes 13 different types of overlay options including both asphalt and concrete overlays. Out of those options, PennDOT has piloted Highly Modified Asphalt and Bonded Concrete on Asphalt, and already adopted use of Unbonded Concrete on Concrete, High-Performance Thin Overlay, Stone Matrix Asphalt, Asphalt Rubber Gap-Graded, and Ultra-Thin Bonded Wearing Course.



How do I learn more?

To learn more about this innovation, visit www.penndot.pa.gov/stic or email penndotstic@pa.gov.