



New Jersey Division Office













New Jersey Asphalt Pavement Association





The STIC Network

State Transportation Innovation Councils (STICs) are creating a culture of innovation in the transportation community by leading deployment of new technologies and practices in their States.

THE POWER OF THE STIC

Bringing public and private transportation stakeholders together to evaluate innovations and spearhead deployment in a State. The council consists of representatives from Federal, State, and local agencies, as well as from industry, academia, and other partners. Through each STIC, these stakeholders meet to consider all sources of innovation comprehensively and strategically and to advance the technologies and processes that promise the greatest impact. This allows each State transportation community to evaluate and deploy innovations that best fit their program needs and put the innovations into practice quickly.



Watch our series of STIC videos to see how each stakeholder benefits from being a STIC member.







DOTs



Academia

Industry

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https://youtu.be/ roN1jUPpxyk 7JWFH594kWE

https://youtu.be/

BENEFITS OF PARTICIPATING IN A STIC:

- Gives transportation stakeholders a forum for sharing innovative ideas.
- Empowers participants to improve processes, enhance communities, and save tax dollars.
- Allows stakeholders to deepen working relationships at the regional, State, and Federal levels.
- Provides opportunities to access resources such as STIC Incentive funding.

ENGAGE WITH THE STIC NETWORK

STICs are active in all 50 States, the District of Columbia, Puerto Rico, the U.S. Virgin Islands, and within Federal Lands Highway, creating a national network for exchanging best practices on innovations and getting them into widespread use across the Nation.



To learn more about what a STIC is doing to deploy innovations throughout their State, use the State innovation accomplishments map https://www.fhwa.dot.gov/ innovation/stic/state innovation.cfm. A list of STIC points of contact is available at https://www.fhwa.dot.gov/innovation/stic/stic-contacts.cfm.



Every Day Counts – Round 6 – 2021& 2022

EDC-6 Innovations

- Targeted Overlay Pavement Solutions (TOPS)
- Crowdsourcing for Advancing Operations
- e-Ticketing and Digital As-Builts
- Next-Generation TIM: Integrating Technology, Data and Training
- Strategic Workforce Development
- Ultra-High Performance Concrete (UHPC) for Bridge Preservation and Repair
- Virtual Public Involvement (VPI)



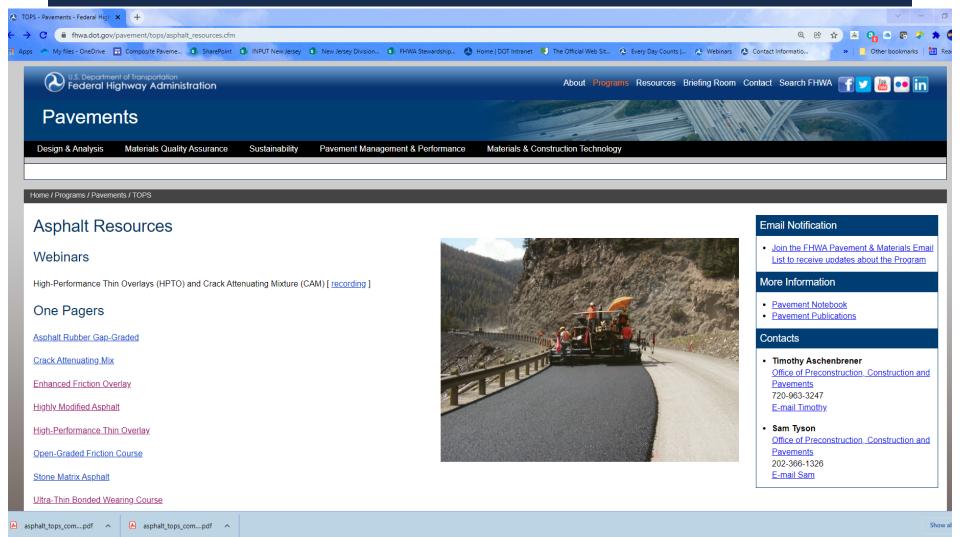


Targeted Overlay Pavement Solutions - Asphalt

- Asphalt Rubber Gap-Graded
- Crack Attenuating Mix (BRIC)
- Enhanced Friction Overlay
- Highly Modified Asphalt (HiMA)
- High-Performance Thin Overlay (HPTO)
- Open-Graded Friction Course
- Stone Matrix Asphalt (SMA)
- Ultra-Thin Bonded Wearing Course









What is Happening in NJ?

- NJ is a lead state in the TOPS asphalt solutions
- TOPS working group
- Pilot projects for enhanced friction overlays (EFO) and highly modified asphalt (HiMA)
- Presentations at NJ State Transportation Innovation Council (STIC) meetings and other forums.



Resources

TOPS Asphalt Solutions:

https://www.fhwa.dot.gov/pavement/tops/asphalt_resources
.cfm

Every Day Counts:

https://www.fhwa.dot.gov/innovation/everydaycounts/

Every Day Counts – TOPS:

https://www.fhwa.dot.gov/innovation/everydaycounts/edc_6
/targeted_overlay_pavement.cfm

NJ Technology Transfer Site (including STIC):

https://www.njdottechtransfer.net/



Contact Information

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