



New Jersey Division Office



U.S. Department  
of Transportation  
**Federal Highway  
Administration**



## 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.

#### STIC Overview



<https://youtu.be/TYUunpho-TQ>

#### Local Public Agencies



[https://youtu.be/gYCK4E\\_YASE](https://youtu.be/gYCK4E_YASE)

#### DOTs



<https://youtu.be/reN11uPpxyk>

#### Academia



<https://youtu.be/7JWFH594kWE>

#### Industry



<https://youtu.be/1HVHNSla910>

### 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](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



TOPS - Pavements - Federal High

fhwa.dot.gov/pavement/tops/asphalt\_resources.cfm

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# Pavements

Design & Analysis Materials Quality Assurance Sustainability Pavement Management & Performance Materials & Construction Technology

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## Asphalt Resources

### Webinars

High-Performance Thin Overlays (HPTO) and Crack Attenuating Mixture (CAM) [ [recording](#) ]

### One Pagers

[Asphalt Rubber Gap-Graded](#)

[Crack Attenuating Mix](#)

[Enhanced Friction Overlay](#)


[Highly Modified Asphalt](#)

[High-Performance Thin Overlay](#)

[Open-Graded Friction Course](#)

[Stone Matrix Asphalt](#)

[Ultra-Thin Bonded Wearing Course](#)



### Email Notification

- [Join the FHWA Pavement & Materials Email List to receive updates about the Program](#)

### More Information

- [Pavement Notebook](#)
- [Pavement Publications](#)

### Contacts

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## 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](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](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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