

North Eastern States Materials Engineers Association Agenda

Tuesday, October 15, 2024

- 7:00 **NESMEA Breakfast**
- 8:00 **NESMEA Welcome**
Carrie Lavallee, MassDOT Deputy Administrator and Chief Engineer
- 8:15 **History of NESMEA – Wow, 100 Years!**
Mark Felag, AASHTO
Nick Van Den Berg (TBD)
- 9:00 **D4 Newburyport Project**
Richard Mulcahy, MassDOT
James Barnack, HNTB
- 9:30 **XLR8 and I495/90 Project**
Donald Cooke, VHB
- 10:00 **BREAK – Please visit our trade fair**
- 10:30 **Leveraging LIMMS for Enhanced Transportation Infrastructure: A Comparative**
Egemen Okte, University of Massachusetts
- 11:00 **FHWA Mobile Asphalt & Concrete Technology Centers**
Michael Praul, P.E., FHWA
Derek Nener-Plante, FHWA
- 12:00 **LUNCH**
- 1:00 **Sublime Systems**
Brandon Williams, Sublime Systems
- 1:30 **Concrete’s Evolution to Sustainability**
William Lyons III FACI (Bill), Euclid Chemical
- 2:00 **Air Void Systematics of Hardened Concrete**
Dr. Christopher R. Kelson, Ph.D., PG, Senior Geologist
- 2:45 **BREAK – Please visit our trade fair**

3:15 **Iron Sulfide Reaction in Concrete / Legislation a CT & MA Perspective**
Richard Mulcahy, MassDOT
Meghan Seremet, PG, CT DEEP, CT State Geologist

4:00 **Maine RFP Steel**
TBD, MaineDOT

4:30 **Closing Remarks**
Maggie Jasper, MassDOT

5:30 **RECEPTION - Please visit our trade fair**

6:30 **DINNER**

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7:00 **BREAKFAST**

8:00 **BABA Legislation and How-To**
Kathryn Weisner, P.E., FHWA

8:30 **Embodied Carbon Infrastructure: Policy Drivers and State of Practice for Asphalt Mixture EPDs**
TBD, NAPA

9:15 **Panel Discussion: Implementation of EPDs**
Peter Baccus, EPA
Beverly Craig, Mass Clean Energy Center
Craig Dauphinais, MaCAPA
Jason Robertson, Moderator, MassDOT

10:30 **BREAK – Please visit our trade fair**

10:45 **A Simple Method for Assessing An Asphalt Binder Quality Obtained from Different Sources in Relation to Prevent Premature Pavement Cracking for Use Within Balanced Mix Design Approaches**
Walaa S. Mogawer, University of Massachusetts

11:15 **Research on More Environmentally Friendly Asphalt Pavements in New Jersey**
Tom Bennert, Rutgers University

11:45 **Announcement of 2025 NESMEA Meeting**
Joseph Robinson, PennDOT

12:00 **Adjourn**