

NESMEA 2019



Northeastern States Materials Engineers' Association

*New Hampshire
Massachusetts
Rhode Island
Pennsylvania
Connecticut
New Jersey
New York
Delaware
Vermont
Maine*

95th Annual Meeting

October 22 & 23, 2019



Doubletree by Hilton - 363 Maine Mall Road - Portland, ME

Hosted by:



MaineDOT

Monday, October 21, 2019	
1:00 PM – 5:00 PM	Registration – West Foyer
1:00 PM – 5:00 PM	Closed Door Meeting (StateDOT/FHWA Invitees) – Whaleback
3:00 PM – 5:00 PM	Trade Show Vendor Set Up – Lighthouse Ballroom B
Tuesday, October 22, 2019	
7:00 AM – 5:00 PM	Registration and Trade Show – West Foyer/Lighthouse B
7:00 AM	Continental Breakfast – West Foyer
8:00 AM	Welcome and Introductions – Lighthouse Ballroom A
8:10 AM	Opening Remarks – Bruce Van Note, Commissioner, MaineDOT
Session A	Moderator - Robert 'Scott' Haradon
8:30 AM	Measuring the Chloride Content of Bridge Deck Core Using XRF Derek Nener-Plante, MaineDOT Asphalt Pavement Engineer
9:00 AM	Evaluation of ASR tests: Is There a Better, Quicker, and More Reliable Method? Richard Mulcahy, MassDOT Research and Materials
9:30 AM	Re-visiting Traffic Speed Deflectometry in Connecticut Alex Bernier, Connecticut Advanced Pavement Lab
10:00 AM	Break – West Foyer
Session B	Moderator - Joseph Stillwell
10:30 AM	Extending the Service Life of Bridges in Maine Robert Blunt, P.E., Project Manager, VHB Matt Miltenberger, P.E., Vector Corrosion Services
11:30 AM	STCC Work Force Development Initiative Jim Reger, MAAPA
12:00 Noon	Lunch – Sebago/Winter Harbor
Session C	Moderator - Casey Nash
1:00 PM	Reducing Cracking in New Bridge Curbs Eshan Dave, Ph.D., University of New Hampshire
1:45 PM	Surface Scaling of Concrete Sidewalks – How Can We Break the Cycle? Matthew R. Sherman, P.E. – Simpson Gumpertz & Heger
2:30 PM	Break - West Foyer
2:35 PM	StateDOT/FHWA Group Photo – Meet in West Foyer
Session D	Moderator - Wade McClay
3:00 PM	FHWA Performance Engineered Concrete Mixture Initiative Mike Praul, FHWA Senior Concrete Engineer
3:40 PM	Panel Discussion – Implementing Performance Engineered Concrete Mixtures in the Northeast Mike Praul, FHWA; Jim Wild, VAOT; Brian Barry, LafargeHolcim; David Dodier, BASF Master Builders, Richard Mulcahy, MassDOT
4:45 PM	Adjourn
5:30 – 7:00 PM	Reception – Lighthouse Ballroom B
7:00 PM	Dinner —Sebago

Wednesday, October 23, 2019

7:00 AM – 4:00 PM	Registration – NESMEA & NEAUPG – West Foyer
7:00 AM	Continental Breakfast – West Foyer
8:00 AM	Welcome - Lighthouse Ballroom A
Session E	Moderator - Ryan Vose
8:10 AM	Proper Storage and Handling of Polymer-Modified Binders Bob Klutz, Kraton Polymers
8:45 AM	Variability of Ignition Furnace Correction Factors Carolina Rodezno – National Center for Asphalt Technology
9:30 AM	Asphalt Quality Assurance – Challenges and Opportunities VTrans; Bob Lauzon, ConnDOT; Matthew Teto, P. J. Keating
10:15 AM	Break – West Foyer
Session F	Moderator - Rick Bradbury
10:45 AM	Panel Discussion - Asphalt Quality Assurance – Challenges and Opportunities Bob Lauzon, ConnDOT; Derek Nener-Plante, MaineDOT; Dr. Ian Anderson, VTrans; Wilbur Saunders, Vaughn D. Thibodeau II, Inc.; Matthew Teto, P. J. Keating
11:50 AM	NESMEA 2020 – New York
Noon	Adjourn Meeting

NESMEA SPONSORS - 2019

AASHTO re:source	Advance Testing Company, Inc.
Aero Aggregates of North America	All States Materials Group
ASTM International	CMEC, Inc.
CTS Cement Manufacturing Corp.	EJ USA, Inc.
King Shotcrete Solutions/ King Construction Products	KTA-Tator, Inc.
Lehigh Cement Co.	Maxwell Products, Inc.
Myers Construction Materials Testing	NETTCP
Norlite	Northeast Solite Corp.
Northern New England Concrete Association/ACI New England	

2019 NESMEA STATE MEMBERS

Connecticut	Robert Lauzon
Delaware	Jennifer Pinkerton
Maine	Richard Bradbury
Massachusetts	John Grieco
New Hampshire	Joseph Blair
New Jersey	Edward Inman
New York	John Rondinaro
Pennsylvania	Joseph Robinson
Rhode Island	Jose Lima
Vermont	Nick Van Den Berg

NESMEA MEMBERS – 1923 TO 2019

1923-57	Albert V. Pratt (Founder)	MA	1979	Francis W. Holden	MA	1995	Alan D. Rawson	NH	2011	Mark E. Felag	RI
1958-60	Paul S. Otis	NH	1980	Louis P. Perricone	CT	1996	Robert F. Cauley	VT	2012	Timothy Ramirez	PA
1961-62	Harry H. McLean	NY	1981	E. Robert Wokoun	NJ	1997	Clement W. Fung	MA	2013	Alan D. Rawson	NH
1963-64	Joseph C. Reed	NJ	1982	James J. Murphy	NY	1998	Keith R. Lane	CT	2014	John E. Grieco	MA
1965-66	Anthony R. Healy	RI	1983	Frederick M. Boyce	ME	1999	Eileen C. Sheehy	NJ	2015	Mladen Gagulic	VT
1967-68	John J. Lyons	MA	1984	Robert L. Fruggiero	RI	2000	Bruce A. Yeaton	ME	2016	Jennifer Pinkerton	DE
1969	Richard I. Rowell	VT	1985	Ronald J. Cominsky	PA	2001	Robert L. Sack	NY	2017	Robert Lauzon	CT
1970	David Pere Chapel	PR	1986	Philip E. McIntyre	NH	2002	Mark E. Felag	RI	2018	Paul Hanczaryk	NJ
1971	T. William Cavanaugh	CT	1987	J. R. Phalen	VT	2003	Gerald J. Malasheskie	PA	2019	Rick Bradbury	ME
1972	Chester J. Andres	NJ	1988	Gino J. Bastanza	MA	2004	Alan D. Rawson	NH			
1973	Harry H. McLean	NY	1989	Keith R. Lane	CT	2005	Donald H. Lathrop	VT			
1974	Frederick M. Boyce	ME	1990	Joseph R. Smith	NJ	2006	James Pappas	DE			
1975	Robert L. Fruggiero	RI	1991	Theodore H. Karasopoulos	ME	2007	Keith R. Lane	CT			
1976	Leo D. Sandvig	PA	1992	Wayne J. Brule	NY	2008	Eileen C. Sheehy	NJ			
1977	Philip E. McIntyre	NH	1993	Mark E. Felag	RI	2009	Bruce A. Yeaton	ME			
1978	Roy F. Nicholson	VT	1994	Charles A. Kline	PA	2010	Don Streeter	NY			

For additional information, go to the NESMEA Website at www.nesmea.uconn.edu