



2008 Spring Paving Seminar

For paving professionals, engineers, architects, state & municipal employees
Wednesday-Friday, March 26-28, 2008 • Verrillo's Convention Center • Portland, Maine



MMA members:
Watch your U.S. Mail in early March for a special invitation

Top industry speakers | New paving products and technology | The latest equipment

EVENT AT A GLANCE

Wednesday, March 26

PIT AND QUARRY AGGREGATE

- Crusher Types and Components • Crushing and Washing Aggregates • Aggregate Handling (Stock Piles) • Aggregate Sampling and Testing • Aggregate Consistency and the Importance to Final Product • RAP Processing • Energy Efficiencies

HOT MIX ASPHALT

- Comparison of Batch and Drum Plants • Silo Management • Cold Feeds and Loading • Rap Production • Truck Load out and Segregation • Methods of Sampling • Warm Mix • Pulls and Pay Factors

ASPHALT MIX DESIGNS

- Evolution and Importance

ROUND TABLE Q & A SESSION

UNDERSTANDING ASPHALT PAVER FUNCTION

- The Roll of the Tractor Unit • The Basis of the Self-Leveling Screed • The Importance of Proper Job Planning • The Importance of Consistent Paver Speed • Head of Materials • Proper Set Up and Use of Automated Feeders • Managing Truck Exchanges at the Paver • Temperature/Gradation Effects on Mat Quality • Quality Longitudinal & Transverse Joint Construction • Coping with Today's Screeds • Mat Management, Setup Maintenance and Adjustments • Basics of Automated Grade & Slope Control • Profile vs. Rideability • Application of Joint Matchers, Contacting Skis • Proper Set Up and Use of Contacting Screed Controls • Why Extend Tunnels and Augurs

BEST PRACTICES & PREPARATION FOR PAVING

- Base Preparation • Milling Surfaces • Straight Edges • Shim Courses • Understanding Existing Mat Conditions • Bridge Decks

SURFACE PREPARATION / TACK & ASPHALT EMULSION

- Material Asphalts: AC, RC, MC, Emulsions • Application Rates • Distributors: Basic Components & Functions • Application Rates Set-Up • Spray Patterns / Nozzles • Safety Issues • Chip Seal (Longevity and Misuse)

ROUND TABLE Q & A SESSION

Friday, March 28

PRODUCTIVE COMPACTION

- Importance of Compaction • Definitions: Compaction, Density, Pass and Coverage • Factors that Affect the Compaction of HMA: Aggregate, Asphalt, Mix Design, Temperature, Trucking and Lay Down • Types of Roller • Forces of Compaction • Proper Operation • Phases of Rolling • Temperature Zones • Rolling Tender Mix

ESSENTIALS OF PARKING LOT & DRIVEWAY PAVING

- Importance of Measuring the Lot • Where to Start Paving • Determining Number of Passes • Using the Correct Paver • Hauling • Calculating Hand Work and Crew Size • How to Determine Hourly Rates of Production

ROUND TABLE Q & A SESSION

For more information please contact:

Larry Hutchins, (207) 767-7493
lhutchins@semgrouplp.com

Charles Banks, (207) 838-1379
info@maine-apa.org

Pick your day and enjoy a special rate for Maine Municipal Association members:

Wednesday or Thursday: \$115 / day

Friday: \$100