

45th Mid-Atlantic Quality Assurance Workshop

"Quality: Start to Finish"

February 7 – 9, 2012

Dover Downs

Dover, DE



Tuesday February 7, 2012

General Session

Moderator: James Pappas

Ballroom B

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|----------------|---|---|
| 1:00 PM | Welcome and Opening Remarks..... | DeIDOT, FHWA |
| 1:15 PM | Challenges and Changes..... | Tom Harman, FHWA |
| 1:45 PM | Indian River Inlet Bridge..... | Doug Robb & Craig Stevens, DeIDOT |
| 2:30 PM | Break | |
| 3:00 PM | Sustainability..... | Tom Harman, FHWA |
| 3:45 PM | Systemwide Quality Assurance at the Maryland
Transportation Authority..... | David A. LaBella, MDTA |
| 4:30 PM | 11 th Street Bridge; Design-Build-to-Budget..... | Peter McDonough, HNTB and
Ravindra Ganvir, DCDOT |
| 6:00 PM | Reception | |
| 7:00 PM | Dinner Banquet – Ballroom C | |

Wednesday, February 8, 2012 (AM)

7:30 AM	Breakfast – Ballroom B				7:30 AM
	Maintenance & Preservation Co-Chairs: Jason Ridgway & Woody Hood <i>Chesapeake Room</i>	Metal Materials & Structures Co-Chairs: Greg Hainsworth & Frank Adragna <i>Silver Lake Room</i>	Concrete Materials & Structures Co-Chairs: Barry Benton & Tim Almany <i>Delaware Room</i>	Asphalt Materials Co-Chairs: Jim Dunne & Karl Zipf <i>Ballroom C</i>	
8:30 AM	NJDOT's High Performance Thin Overlay - <i>Eileen Sheehy, Manager Bureau of Materials, NJDOT</i>	Cold Cambering & Cold Sweeping – <i>Joseph Bracken III, PennDOT</i>	NEXT Concrete Beams – <i>Doug Lorah and Rich Truxel, High Concrete Group</i>	NEAUPG Update – <i>Frank Fee, NuStar Asphalt</i>	8:30 AM
			TriWeb MSE Wall System – <i>Matt Hicks, Northeast Precast</i>	Nation Issue Update & FTG Activity – <i>Tom Harman, FHWA</i>	8:45 AM 9:00 AM
9:15 AM	Slurry Surface Systems, When, Where, Why? – <i>Chuck Ingram, Slurry Pavers</i>	Phased Array & Digital Radiography Update – <i>Bruce Abernathy, MD SHA</i>	Indian River Inlet Bridge: Design and Construction Challenges from 500 Concrete Pours – <i>Doug Robb, DeIDOT</i>	Unique Quality Control, Baltimore Racetrack 2011 – <i>Pierce Flanigan, Flanigan and Sons Co.</i>	9:30 AM
10:00 AM	Break				10:00 AM
10:30 AM	Foamed Asphalt Stabilized Base Material, Baltimore – Washington Parkway MD 295 - <i>Sadaf Khosravfar UMD Graduate Student & Tom Norris, P. Flanigan and Sons</i>	Explanation of Weld Cracking – <i>Joseph Bundy, Hobart Welding Products</i>	Quiet Concrete Pavements Project in Virginia – <i>Rob Rasmussen, The Transtec Group Inc. and Kevin McGhee, VDOT</i>	Weatherometer for Aging Asphalt Binders & Concrete – <i>Mansour Solaimanain, Penn State University</i>	10:30 AM
				Virginia I-81 In-Place Pavement Recycling Project – <i>Brian Diefenderfer, Va Research Council</i>	11:00 AM
11:15 AM	System Preservation Strategies – <i>Geoff Hall, Division Chief, Pavement and Geotechnical, Maryland DOT</i>	Lincoln Virtual Welding – <i>Robert J. Tabernik, Lincoln Electric</i>	Performance Based NDT Testing for Concrete Pavements – <i>Dan Dawood, The Transtec Group, Inc.</i>	Intelligent Compaction of HMA – The Choice for Quality – <i>Larry Michael, Asphalt Consultant</i>	11:30 AM
12:00 PM	Lunch – Ballroom B				12:00 PM

Wednesday, February 8, 2012 (PM)

	Soils & Aggregates Co-Chairs: Steve Gyurisin & Hany Fekry <i>Chesapeake Room</i>	Metal Materials & Structures Co-Chairs: Greg Hainsworth & Frank Adragna <i>Silver Lake Room</i>	Concrete Materials & Structures Co-Chairs: Barry Benton & Tim Almany <i>Delaware Room</i>	Asphalt Materials Co-Chairs: Jim Dunne & Karl Zipf <i>Ballroom C</i>	
1:30 PM	Subgrade Improvement – Soil Stabilization – <i>Dave Crowley, Uretak</i>	Hybrid Laser Welding – <i>Joshua Mayne, Valmont Industries</i>	MIT's Concrete Sustainability HUB: Life Cycle Analysis – <i>John Prentice, PCA</i>	Thermal Segregation (the unseen enemy of HMA) – <i>Jim Hedderich, Moba Corp.</i>	1:30 PM
2:15 PM	GeoFoam – <i>Nico Suttmoller, Insulfoam</i>	Coating Thickness Over Galvanizing, "It's all in the numbers" – <i>Thomas Neal, Jr. KTA</i>	Internal Curing: Engineering Concrete for an Improved Service Life – <i>Jason Weiss, Purdue University</i>	Development of PG Rubber Specification – <i>John D'Angelo, Consultant</i>	2:00 PM
				Revising HMA Acceptance and Verification Procedures in PA – <i>Gary Hoffman, PAPA</i>	2:30 PM
3:00 PM	Break				3:00 PM
3:30 PM	Contaminated Soil Remediation – <i>Jay Meegoda, NJ Institute of Technology</i>	Materials Processing & Laser Cutting – <i>Laura Helton, IGS, Inc.</i>	Streets and Local Roads Resources and Pavements – <i>Phil Kresge, PCA</i>	Performance of NJ's LTPP SPS-5 Sections – <i>Tom Bennert, Rutgers University</i>	3:30 PM
4:15 PM	Geophysics Role in Highway Design – <i>Tim Bechtel, Enviroscan</i>	FHWA/TRB/Turner Fairbanks Update – <i>Bill Via, VDOT</i>	Update on FHWA's Advanced Concrete Pavement Technology – <i>Sam Tyson, FHWA</i>	Measured and Predicted Performance Impacts – <i>Nelson Gibson, FHWA</i>	4:00 PM
				Influence of Aggregate Moisture Content and Production Temperature on Mixture Performance of Plant Produced WMA – <i>Tom Bennert, Rutgers University</i>	4:30 PM
5:00 PM	Reception – Ballroom A				5:00 PM

Thursday, February 9, 2012

General Session

Moderator: TBD

Ballroom B

7:30 AM Breakfast
Ballroom B

8:30 AM West Virginia Concrete Projects..... Bob Long, *ACPA*

9:15 AM Warm Mix Asphalt..... Matt Corrigan, *FHWA*

10:00 AM 2013 QAW Host State Announcement and
Adjournment of 2012 QAW.....

10:15 AM Tour of Dover Downs Speedway
(pre-registration is required).....