



# VAA Asphalt News

The Newsletter for Members and Friends of the Virginia Asphalt Association

February/March 2011 Issue

## Gentlemen, Start Your Pavers!

March 1st marked the start of the 2011 Plant Mix Paving Season.



## In This Issue:

- 60th Annual Meeting
- Regional VDOT Asphalt Seminars
- Quiet Pavement Initiative
- Asphalt Training Program
- Pothole Blitz
- John W. "Bill" Kirk, III named chairman of Asphalt Institute
- Carbon Monoxide Standards
- Industrial Boiler Standards
- Recycled Oil

## VAA 60th Annual Meeting Approaches

The VAA Annual meeting will be held March 31st through April 2nd at The Tides Inn located in Irvington, Virginia.

This year we will have the pleasure of having Secretary of Transportation Sean Connaughton at the meeting. He will be discussing the Governor's Transportation Plan as well as other transportation related issues.

Like previous years, VDOT's executive management team will be attending the meeting. Commissioner Gregory

Whirley and Deputy Commissioner Charles Kilpatrick will be presenting on VDOT's current and future activities. Others in attendance will include: Mr. Mal Kerley, Ms. Connie Sorrell, Dr. Gary Allen, Mr. Mark Cacamis, Mr. Emmett Heltzel and Mr. Andy Babish.

Finally, this is the 60th anniversary for the Virginia Asphalt Association. Join other members of the association in celebrating the success of the past and the bright future that paves ahead!

Contact the VAA office for annual meeting registration *no later than March 24th.*

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### Secretary of Transportation To Attend

Secretary of Transportation and others from VDOT's Executive Management Team will be attending and presenting at the VAA Annual Meeting.

## Regional VDOT Asphalt Seminars A Success

### Seminar Presentations:

- Specification Changes*
- Traffic Engineering*
- Quiet Pavements*

In 2010, one challenge facing VDOT and industry was adjustments due to the VDOT Blueprint which resulted in staff reductions and realignments. For 2011, the challenge will be laying more than 3,000,000 tons of asphalt concrete on VDOT projects. To make sure everyone is "singing from the same sheet of music," VAA and VDOT partnered to host three re-

gional asphalt meetings. Spread across the state, these meetings brought together industry, VDOT, consultants and municipalities.

Over the course of a six-hour period, meeting attendees were provided presentations on general specifications changes, asphalt materials related specification changes, VDOT asphalt program status, background on VDOT's Traffic Engineering Division, overview and details on the quiet pavement initiative, and asphalt inspector reminders.

All three meetings were very well attended. The Fredericksburg meeting had over

150 participants; the Richmond meeting had nearly 190 participants; and the Roanoke meeting had over 200 participants.

Plans are underway for the 2012 Regional Meetings. All presentations from the 2011 meeting are available on the VAA website [www.vaasphalt.org](http://www.vaasphalt.org).



**SPECIAL THANKS TO OUR 2011 SPONSORS...**

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- American Paving Fabrics
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- S.L. Williamson Co., Inc.
- W-L Construction and Paving

**Gold**

- Thomas Rutherford, Inc.
- Virginia Paving Company

**If you would like to become a VAA sponsor, contact Caroline Fahed at: cfahed@vaasphalt.com**

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**Quiet Pavements Initiative Update**



This summer three quiet asphalt surface test sections will be constructed in Virginia. The projects will be advertised on March 23rd with a bid letting on April 27.

The first project will be on the SR 7 By-Pass in Leesburg. This project will include mill-

ing two inches of the existing pavement (in specified locations) and replacement with IM-19.0D, trench widening and patching to repair failed areas, and an overlay with SMA-9.5, PFC-9.5, PFC-12.5 and AR-PFC 9.5.

The second project will be on SR 199 west of Williamsburg. Unlike SR 7, the entire section will be milled and replaced with two inches of IM-19.0D and then overlaid with the same surface mixes used on SR 7.

The final site will be on SR 288

south of Richmond on the existing concrete pavement. For this site, two lifts of IM-19.0E will be laid on the concrete and surfaced with the same four mixes.

Prior to installation, noise measurements and material condition surveys will be performed. After the sites are completed, noise and other pavement related measurements will be made. Monitoring will continue for two winters and a final report will be prepared for the General Assembly in 2013.

**VDOT/VAA Co-Op News**

At the January VDOT/VAA Co-Op meeting, several action items were identified. The first action item was the finalization of specifications and use guidelines for SM-4.75. SM-4.75 will be a very versatile mix. The mix can be used for preventive maintenance as well as a surface for a new pavement. The second action item was the review of SMA performance. With over 15 years of experience, VDOT and VAA will review the existing specifications and update the use guidelines. With the shortage of some marking materials and the application requirements for others, VDOT and VAA will meet to review the specifications and discuss potential changes. Finally, a smooth transition impacts driver comfort and impact loading on bridges. VAA will work with VDOT to develop practical guidelines for asphalt overlay transitions.

**VDOT/VAA Action Items:**

- SM-4.75 Specification Finalization and Guideline Development*
- SMA Performance Review, Specification Review and Guideline Updates*
- Pavement Marking and Traffic Engineering Items*
- Overlay Transitions*

**Changes Coming to Asphalt Training Program**

How much do you like change? For some it is uncomfortable, to some it is unthinkable, and to some it is challenging. No matter how you view change, it happens everyday. The society in which we live changes and so does the industry in which we work. With the retirement of experienced personnel—public and private, effective training for new and current personnel is a requirement.

For the last 18 months, VDOT and VAA have worked together to review the asphalt training programs for field technicians, lab technicians,

and mix designers. Through this review the team realized what was taught, how it was taught, and to whom it was taught must change.

Training recommendations

*“It is not the strongest of the species that survive, nor the most intelligent, but the one most responsive to change.” - Charles Darwin*

were made to the Materials Certification School advisory board in October 2010. The

fundamental approach laid out in these recommendations were accepted in February. Work on developing the revised program starts on March 24th. As more details are finalized, they will be outlined in future **Asphalt News** articles.

Overall, the VDOT/VAA team identified the need to train more than just the field, lab and mix design technicians. All individuals involved with the production and placement of asphalt concrete must understand their role in providing a quality product.

## Governor Announces Pothole Blitz 2011



On March 8th, Governor Bob McDonnell announced the 2011 Pothole Blitz. State and contractors will be focused on filling potholes that have formed during the winter months. Severe potholes are to be patched within 24 hours and other potholes are to be patched within 4 days. *Potholes form during the winter*

*and early spring months due to the water that enters the pavement and freezes/thaws. The freezing and thawing action loosens the materials; as trucks pass over the weakened material a pothole forms.*

During the 2010 pothole blitz, over 161,000 potholes were patched.

## Other News and Notes

**2010 Paving Award Nominations**—It is time to review your paving from 2010 and nominate your best commercial and municipal projects.

VAA will be emailing the nomination forms in early April. Nominations are due by August 1. *Make sure you send digital pictures with your nominations.*

**Porous Pavements**—Porous pavements are gaining more and more attention. The VAA



is working on specifications for the materials and placement.

**Parking Lot Pavement Designs**—Proper parking lot pavement design is essential for commercial and municipal customers. The VAA is developing a pavement design and materials manual. Target completion date is the Fall Conference.

## Member News

**Kirk Named 2011 Asphalt Institute Chairman.** John W. "Bill" Kirk, III was named chairman of AI for 2011. Kirk is President and CEO of Associated Asphalt, Inc. in Roanoke, Va.

**Boxley Completes Templeton Acquisition.** Boxley has completed the purchase of Marvin V. Templeton & Sons, Inc. and its subsidiary May Bros. General contractors. The recently acquired company will operate under the name Templeton Paving. Jeb Burton will remain as President and all 65 Templeton employees were retained by Boxley.

**Welcome to Pounding Mill Quarry Corp.** our newest Aggregate member. Contact Randy Raines, General Manager at [rraines@pmqc.com](mailto:rraines@pmqc.com)

**Welcome to QPR Engineered Solutions for Infrastructure** our newest Additive & Paving Services member. Contact Ben Steed at [bsteed@qprmail.com](mailto:bsteed@qprmail.com).

**Welcome to PAPCO, Inc.** our newest Petroleum Distributor. Contact Bill Breeden at [bill.breeden@papco.com](mailto:bill.breeden@papco.com).

### IN MEMORIAM

**Henry Branscome** founder of Branscome Inc. died February 17, 2011 surrounded by his wife and children while visiting Orange Lake, Florida the family vacation home.



## S. L. Williamson Wins NAPA Website Award

In this cyber age, many companies realize that effective communication with potential customers is done via the internet. One of those companies is S.L. Williamson. Their efforts were recognized at the NAPA Annual Meeting held in Orlando, Florida from February 5—9. S. L. Williamson Company was awarded the Website of the Year for Producer Member. The website can be visited at [www.slwilliamson.com](http://www.slwilliamson.com).



## Mark Your Calendar

- ◆ VAA Annual Meeting  
Tides Inn, Irvington  
March 31—April 2
- ◆ AC Field School  
Salem  
April 4—5
- ◆ AC Field School  
Fredericksburg  
April 12
- ◆ VDOT/VAA Asphalt Co-op  
VCTIR Charlottesville  
May 3
- ◆ VAA/VDOT Pavement  
Marking Meeting  
VCTIR Charlottesville
- ◆ NAPA Mid-Year Meeting  
Lake Tahoe, NV  
July 18—19
- ◆ VAA Fall Conference  
Richmond  
October 3—5
- ◆ VAA Invitational Golf Tournament  
Mattaponi Springs Golf Club  
October 5
- ◆ SEAPUG Annual Meeting  
Savannah, GA  
November 14—17



# ENVIRONMENTAL NEWS

## Carbon Monoxide Standard Monitoring

The EPA proposed on January 28, 2011 to keep the existing National Ambient Air Quality Standard (NAAQS) for carbon monoxide (CO). The standards are 9 ppm measured as an 8 hour average and 35 ppm averaged over 1 hour. EPA is proposing to change the monitoring requirements for carbon monoxide by moving the sampling locations to areas near high traffic roads and heavily urbanized areas. The CO monitors will probably be co-located with nitrogen dioxide monitors that are being required in response to the new hourly NAAQS standard recently imposed by EPA. The new monitors will likely be located in the NOVA, Virginia Beach and Richmond areas. The proposed rule would require the monitors to be operational by January 1, 2013.



**HB 1398—Left in committee.**

Would have deferred any enforcement of carbon dioxide emission standards to the EPA. It also required the Governor in consultation with the Attorney



On February 21, 2011, the EPA finalized a rule that reduces air toxic pollutants from area source boilers. The rule would apply to boilers located at asphalt plants. Hot

## Industrial Boiler Standards

oil heaters would probably not be impacted under EPA's definition of boilers. Requirements for existing boilers depend on the size of the boiler. Large boilers are defined as those with a heat input capacity of 10 million Btu's per hour. All other boilers fall into the small boiler category. Small boilers do

not have to meet emission standards but must conduct and document that a boiler tune-up has been performed at least every two years. Sources with large boilers are required to conduct an energy assessment to identify cost-effective energy conservation measures.

### EPA's Job Killing Rules

A survey was conducted by the U.S. House Committee on Oversight and Government Reform to try to identify the most onerous proposed EPA regulatory actions that kill jobs. Three rules emerged as being potentially the most damaging; The boiler MACT, GHG Regulations and lower ozone standards. A preliminary report outlining the results of the analysis was issued February 9, 2011.

### New OTC Rules?

The Ozone Transport Commission (OTC) is considering several new rules that could impact Virginia. Among the rules being drafted are an idling time limit for off-road diesel powered equipment and solvent bath degreasing emission controls.

### Recycled Oil OK

The EPA has ruled that recycled oil is a viable fuel alternative and not a hazardous waste. The EPA had recently decided to consider waste oil as a hazardous material which could have restricted its use and/or greatly increased its cost. Waste oil rules remain unchanged.



## Final 2011 General Assembly Environmental Bill Status

General to determine the legality of imposing rules not supported by scientific evidence.

**HB 2368—Passed.**

Allows the use of Supplemental Environmental Projects (SEPs) as a partial offset for monetary penalties imposed by the Department of Conservation and Recreation.

**SB 1119—Passed with changes.**

Allows DEQ to impose civil pen-

nalties under special administrative orders of less than 12 months duration as follows:

- ◆ Up to \$10,000 for an initial violation.
- ◆ Up to \$15,000 for the second violation of the same provision.
- ◆ Up to \$30,000 for the third violation of the same provision.

An appeals process is available to contest any such charges.

**HB 1737—Passed with changes.**

Allows localities to impose service charges or fees to support their storm water management programs. The requirements are waived for public roads and rights of way.