



# Virginia Asphalt Association

April 4, 2014

**Rob Cary, P.E., L.S.**  
District Administrator  
Salem District

# District's Perspective on the 2013 Paving Season

- There was an increase in funding across the state
- Each District was funded on the system where pavement ratings indicated the need
- Overall, the contracting community did well completing the Commonwealth's paving projects on time and on budget.
- Overall quality was good.
- Issues that “surfaced”
  - Latex applications experienced areas of raveling and inconsistency in the surface
  - Extended exposure of Base Mix to traffic resulting in raveling of the BM
  - Improper Joint density leading to water pumping

# District's Perspective on the 2013 Paving Season - Continued

- **Line marking issues in the past have resulted in a new special provision for line marking:**
  - Increased length of time for temporary line markings to remain in place
  - Delays permanent markings being placed
  - There continues to be issues with high quality markings not adhering to pavements properly. This issue has not been fully addressed at this time.
- **Each District continues to meet with our industry partners to discuss ways to improve contract and field quality.**



**Segregation  
(BM)**



**Raveling  
(BM)**



**Aggregate  
Loss  
(Latex)**



**Lightweight  
Roller**



**Loose  
Aggregates  
(Latex)**

# Challenges and Expectations for 2014

- **Revenue projections shortfalls and inordinately high snow removal costs may lead to:**
  - Voluntary Delays in some projects but we will expect continuous prosecution of work on individual routes including shoulder stone and markings.
  - Removal of some projects from Advertisement
  - Department and Contracting Community working together on the pavement schedules to get through the 2014 budget crunch
  - Contracting Community will be challenged in completing all of the work currently scheduled for 2014
- **Development of incentives for quality asphalt work to reward quality asphalt contractors**
- **Patching, whether in the contract or in a separate contract, to ensure it is properly done to repair areas damaged by the severe winter**

# Challenges and Expectations for 2014 - Continued

- Getting the re-striping sub-contractors to complete the striping work in a timely fashion. General Contractor exhibiting more control over this issue.
- We want and expect good mix from the plant and good lay practices in the field.
- Limitations of operations will be a high priority.
- We want and expect a good mix from the plant and good lay practices in the field.

# How to Identify and Fund the Right Treatment at the Right Time

- **Visual condition assessment for the interstate and primary network to identify candidates for paving schedules**
- **From visual assessments and engineering judgment, choose road sections that need core drilling, FWD, or other testing**
- **Use field data to determine pavement treatment**
- **Have a multiple year paving plan to provide candidates and alternatives for available funding**
- **Funding will always be limited. Seek good affordable solutions not necessarily the “ultimate” solution**

# QUESTIONS



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