

2021
PAVING SEASON
Update & Discussion

Wednesday, October 13, 2021
Discussion with the Department

VIRGINIA ASPHALT ASSOCIATION
Trenton M. Clark, P.E., President



DISCUSSION TOPICS

- Status of 2021 Schedule Progress
 - ✓ Surface Treatment
 - ✓ Latex and Slurry Seal
 - ✓ Plant Mix
- Lessons Learned from Pilot BMD Projects
- Pavement Marking and Markers



2021 PAVING SCHEDULE PROGRESS

Surface Treatment Schedules → October 15

Latex and Slurry Seal Schedules → October 15

Plant Mix Schedules → November 15



FEEDBACK FROM CONTRACTORS

- Majority of schedules bid or awarded too late to start work early; no adjustments to completion dates
- Schedules bid in April and May with 2021 completion dates will be a push to complete
- District general notes and SPCNs in schedules not communicated with industry
- COVID impacted many crews – paving and marking
- Late season rain slowing progress



FEEDBACK FROM CONTRACTORS

- Marking material supply shortages altered schedule progression
- Lack of police presence due to staff shortages
- Lack of police to direct traffic at signalized intersections
- For BMD projects, no AC index was a **surprise**



BMD PILOT PROJECT OBSERVATIONS



PAVEMENT MARKINGS AND MARKERS

- PIMs installation process improving
- PIMs sealing slows production
- Wide-use of FTPMs reduced strain on paint
- Marking crews and equipment stretched
- Data logging equipment
- Material prices jumped



GENERAL POINTS

2021 Season was compressed

Traffic levels returned to “normal”

Inconsistencies across district lines

Considerations and adjustments for “Acts of God” events

Trucking is global issue

Covid still an issue



LOOKING FORWARD TO 2022

- Increased pavement funding
- Evolution of BMD implementation: right routes vs. “all” routes
- Allowance for innovation: balancing real and perceived risk
- Digital delivery of data
- Will Covid be an issue?
- What is the next “Act of God” event?



FINAL THOUGHTS

Climate Change and Resiliency of Pavements

Greener Construction Practices and Materials

Longer-Lasting and Smoother Pavements

Permitting and Project Challenges

Truck Platooning and CAV's

Electric Vehicles





GENERAL CONVERSATION



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