



2018 Asphalt Specification Updates

2017 VAA Fall Conference

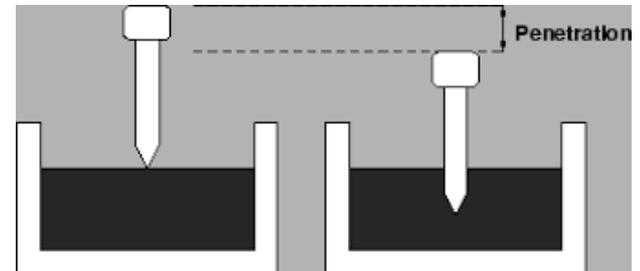
October 3, 2017

Rob Crandol, VDOT – CO Materials Division

2018 Specification Changes

Section 210 – Asphalt Materials

- Updating the penetration requirements for an emulsion
 - CRS-2L Pen Requirement: 70~140

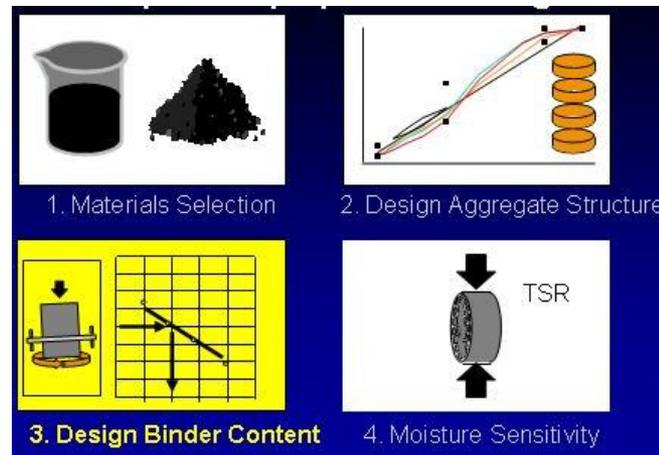


- This was a joint effort, working with representatives from emulsion manufacturers that supply material to Virginia.

2018 Specification Changes

Section 211 – Asphalt Concrete

- Changing mix design requirements for SM-9.0 mixes
 - SM-9.0 mixes: 50 gyration with Min VMA = 17.0



- This was on oversight, when making prior 50 gyration mix design changes for 2017 surface mixes.

2018 Specification Changes

Section 211 & 248 – Asphalt Concrete (*Superpave & SMA*)

- Bonus potential for AC variability control will be offered for Superpave mixes *only* (and not SMA mixes)



- This is a fix to an oversight made by VDOT when making specification changes for 2017 contracts.
- **VDOT is open to bonus for SMA for calendar year 2019** – with potential conversation for balancing incentives/disincentives as appropriate to pay for it.

2018 Specification Changes

Section 313 - Asphalt Stabilized Open-Graded Material

- Asphalt Binder: PG 64H-22 (not PG64E-22)
- This is a correction to prior specifications.



2018 Specification Changes

Section 315 – Asphalt Concrete Placement (Rideability)

- Any proposed corrective changes, other than voluntary mill-and-fill by the contractor, must be reviewed & approved by the VDOT Engineer.
- No corrective changes to be performed by the contractor prior to VDOT Engineer's approval.



VAA requested Items – no changes for 2018

Section 315 – Asphalt Concrete Placement

- VAA proposal to lower the threshold for “Method A” for density acceptance – which provides for acceptance be done using cores from the road, and the potential for an incentive bonus.
- VAA suggested 2,000 vehicles per day (down from 5,000 vpd)
- **VDOT is very supportive of the idea for calendar 2019** – but needs to first assess 2017 bonus results, to insure taxpayers are receiving the proper value for the results achieved.



QUESTIONS ?