2018 Asphalt Specification Updates

2017 VAA Fall Conference

October 3, 2017
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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.
Section 313 - Asphalt Stabilized Open-Graded Material

- Asphalt Binder: PG 64H-22 (not PG64E-22)

- This is a correction to prior specifications.
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 ?