

2015 NCAUGP Conference Kansas Update

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Inquiring minds want to know...

- Maximizing use of recycled mat. & their effects on durability
- Tack coat application
- Binder grade adjustments
- Statistical specifications
- Other hot topics in your state...

Recycled Materials

- RAP - use KDOT project RAP (also, later slide)
- RAS
- -would appreciate more definitive means to determine long-term performance (durability).

Tack Coat Application

- Tack Coat
 - ❖ Tensile Pulling Test in the Field
 - ❖ Current spec – at Engineer's discretion

(Secret: Enforce tack BMP's)



Binder Grade Adjustment

- MR specs (contract maint. for 2015)
- 32 projects - 15% permissible RAP
- 28 projects – 25% max RAP [bump]
- 3 projects – 40% max RAP [bump]
- 7 projects – blending chart
- * 15 projects – 3% target air voids

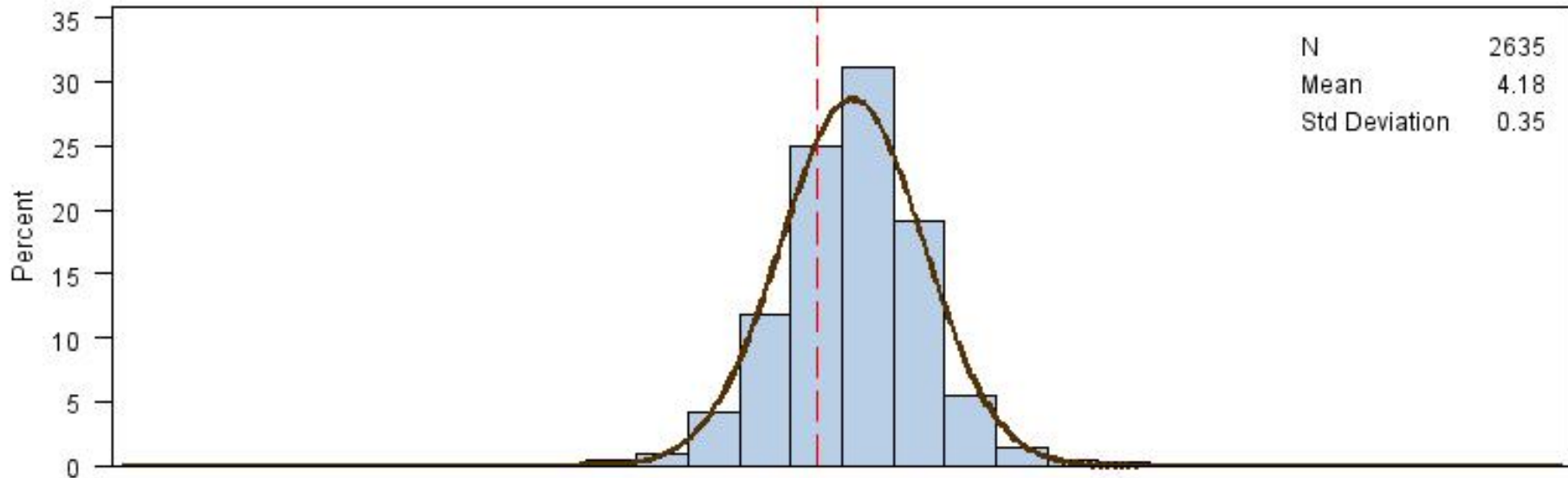
Statistical Specifications

- F&t/PWL specifications for almost all asphalt pavement (>500 ton and not commercial mix).
- Requires follow up to the project (system analysis).

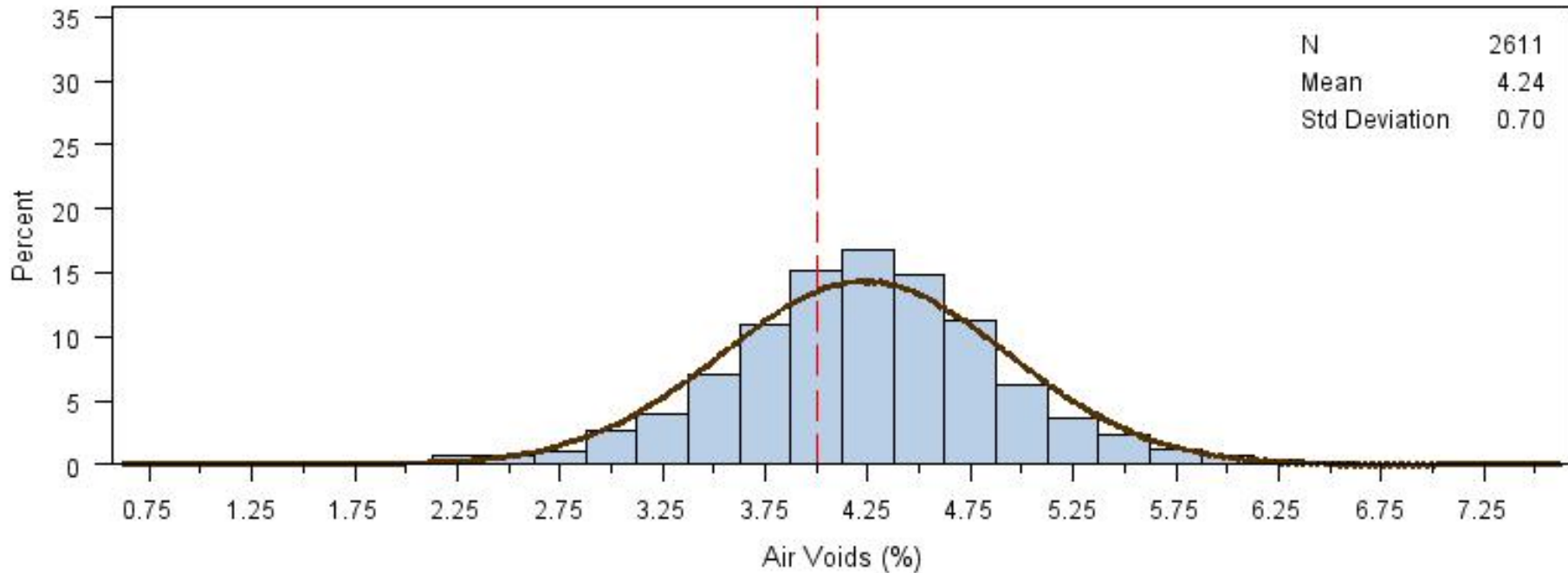
Air Voids - PWL (Full Bonus)

as of June 28, 2011

CONTRACTOR



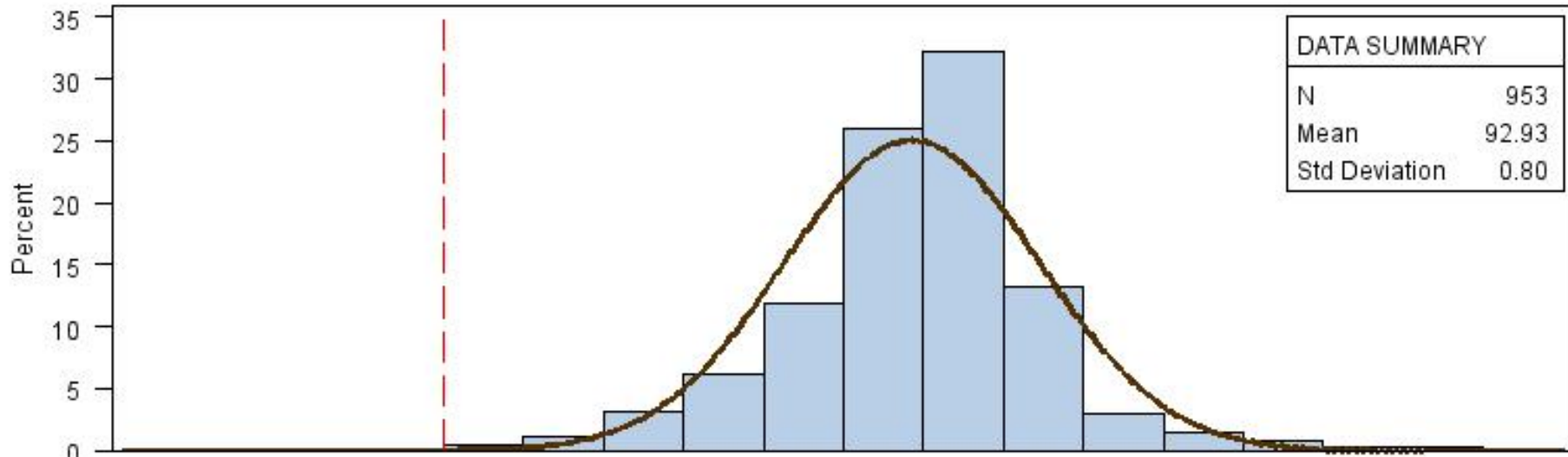
KDOT



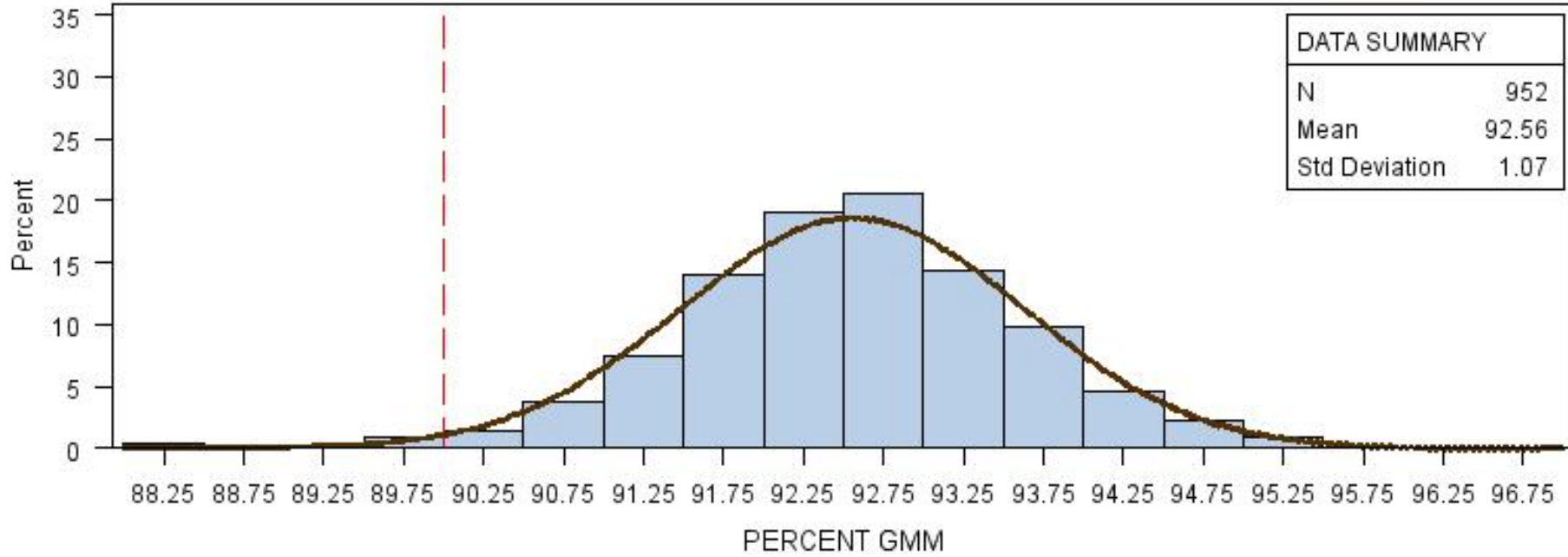
1R Densities (full bonus)

Mainline w/ Prior Action
Report Date: July 11, 2011

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Other Hot Topics in KS:

- Getting more appropriate asphalt binder in the mix.
- RAP Gsb
 - Currently review historical actions, but have problems when dealing with lightweight aggregate in chip seals.
 - Need better method to determine actual Gsb of RAP being milled.

The End...