

## Roadway "Cheat Sheet"

The following are some common roadway Specification requirements.

Check your project Specification package to verify which of these Specifications apply.

<b><u>Item</u></b>	<b><u>QC</u></b>	<b><u>VT</u></b>
<b><u>Tack Spread Rate</u></b>	2/day	1/day

Table 300-1 Tack Coat Application Rates		
Asphalt Mixture Type	Underlying Pavement Surface	Target Tack Rate (gal/yd <sup>2</sup> )
Base Course, Structural Course, Dense Graded Friction Course	Newly Constructed Asphalt Layers	0.02 minimum
	Milled Surface or Oxidized and Cracked Pavement	0.06
	Concrete Pavement	0.08
Open Graded Friction Course	Newly Constructed Asphalt Layers	0.05
	Milled Surface	0.07

*Note: multiply the target tack spread rate by 0.6 when using RA-500.*

*Allowable target spread rate tolerance is +/- 0.01 gal/sy unless minimum is noted.*

<b><u>Mix Spread Rate</u></b> (use min. 5 trucks)	Begin Production & 1/200 tons	1/day (per lift)
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<b><u>Mix Temperature</u></b>	First 5, then 1/5 trucks*	2/day
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*\*Single load > +/- 30F -> REJECT, check every truck after*

*\*Single Load > +/- 25F -> OK, but check every truck after*

*\*Average of 5 trucks > +/- 15F, -> OK, but check every truck after*

Table 320-2 Mix Temperature Master Range Tolerance	
Location	Acceptable Temperature Tolerance
Plant	Mixing Temperature ±30 F
Roadway	Compaction Temperature ±30F

Table 320-3 Mix Temperature Tolerance From Verified Mix Design	
Any Single Measurement	±25°F
Average of Any Five Consecutive Measurements	±15°F

<b><u>X-Slope (OLD)</u></b>	1/250 ft	10/day
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**X-Slope (Jan 2011 Letting & beyond)**

TANGENTS	1/100 ft** <i>**Can go to 1/200 ft, if approved</i>	10/mile
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SUPERS	1/100 ft (min. 3)	min 3
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TRANSITIONS	Control Point(s)*** <i>***(Shown in plans or at 0.0% X-Slope)</i>	Control Point(s)***
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Table 330-4 Cross Slope Acceptance Tolerance		
Roadway Feature	Individual Absolute Deviation	Average Absolute Deviation
Tangent section (including turn lanes)	0.4%	0.2%
Superelevated curve	0.4%	0.2%
Shoulder	0.5%	0.5%