Roadway Cheat Sheet – Jan 2022 through FY 2026-27 Specifications

The following are some common Asphalt Pavement/Roadway Inspection Specifications.
Always double-check your project's contract documents for correct & complete contract requirements.

	QC	VT
Tack Spread Rate	**2/day**	**1/day**

From Table 300-2 - Tack Coat Application Rates Also see Specification 300-8.4 Application Rates		
Asphalt Mixture Type	**Underlying Pavement surface**	**Target Tack Rate (gal/yd^2)**
Base Course, Structural Course, Dense-Graded Friction Course, Open-Graded Friction Course	Newly Constructed Asphalt Layers	0.06
	Milled Asphalt Pavement Surface, Oxidized and Cracked Pavement, Concrete Pavement	0.09
Note: Allowable Tack Application Range is Target + 0.02 to Target - 0.01 (gal/yd^2)		

	QC	VT
Mix Spread Rate *	**1/200 tons**	**1/day/lift**

*Use min. 5 trucks, max. 10 trucks to determine spread rate

	QC	VT
Mix Temperature *	**First 5 trucks, then 1 per 5 trucks****	**2/day**

*Record mix temperature on truck ticket (paper or e-ticket)
*Reject truck if outside Table 320-2 tolerance
**If truck is rejected or temperature is outside tolerance in Table 320-3, test every truck until 5 trucks are within Table 320-3 tolerance

Table 320-2	
Mix Temperature Master Range Tolerance	
Location	Acceptable Temperature Tolerance
Plant	Mixing Temperature ±30°F*
Roadway (mix in truck)	Compaction Temperature ±30°F*
Roadway (mix in windrow)	Compaction Temperature +30°F*, -40°F
*Not to exceed 355°F for mixtures containing PG 76-22 PMA or High Polymer binder.	

Table 320-3	
Mix Temperature Tolerance from Verified Mix Design	
Any Single Measurement	±25°F

Cross Slope (milled/paved) *	QC	VT
Tangents	**1/100 ft** (1/200 ft, if approved)	**10/mile (1/500 ft Jan 2023 & after)**
Supers	**1/100 ft (min. of 3)**	**min. of 3**
Transitions	**@Control Points in Plans**	**@Control Points in Plans**

*Meet tolerances in Table 330-4 (for milling, Table 327-1 has same cross slope tolerances)

Table 330-3 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%