

Type of Construction	Material	Test	Guide Frequency for Independent Assurance Samples and Tests	Construction Stages for Obtaining Sample or Test	Sample Size	Procedures		Remarks
						Sampling Method	Test Methods	
Portland Cement Concrete Pavement	Cement	Chemical and Physical	One (1) per month. None required on projects with less than 10,000 yd ² (8,000 m ²) pavement	See ALDOT-227. Sample at concrete plant. This applies to all DOT supervised projects and secondary projects	1 gal (4 L)	AASHTO T-127 Note Paragraph 3		IAS&T-D Item Ship to Central Laboratory in metal containers
	Fly Ash (When Required by Job Mix)	Chemical and Physical	One (1) per 2 miles (3 km) none required on projects with less than 10,000 yd ² (8000 m ²) pavement	Sample at concrete plant	1/2 gal (2 L)	AASHTO T-127 Note Paragraph 3		IAS&T-D Item Ship to Central Laboratory in metal containers
	Fine Aggregate	Gradation and F. M.	Same as Fly Ash	Sample at the same point in the process as Job Control	10 lbs (5 kg)	AASHTO T-2	AASHTO T-27 ALDOT-253	IAS&T-D Item Ship to Central Laboratory Make comparison in accordance with ALDOT-341
	Coarse Aggregates	Gradation	Same as Fly Ash	Sample at the same point in the process as Job Control	25 lbs (12 kg) AASHTO T-2	AASHTO T-2	AASHTO T-27 ALDOT-253	IAS&T-D Item Ship to Central Laboratory Make comparison in accordance with ALDOT-341

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	Finished Portland Cement Concrete Pavement	Thickness Measurement	One core for 1000 ft (300 m) traffic lane or each fraction thereof. For shoulders 10 ft (3 m) wide same frequency as travel lane. Shoulders less than 10 ft (3 m) wide one (1) core each 2000 ft (600 m). Ramps, acceleration and deceleration lanes, crossovers, etc., one (1) core each	After paving operation has been completed		AASHTO T-24	AASHTO T-148	IAS&T-M Items
		Compressive Strength Test					AASHTO T-23 (In Central Laboratory)	
		Steel Placement					Measure in Central Laboratory	