

Lime Stabilized Roadbed

Type of Construction	Material	Test	Frequency of Acceptance Samples and Tests for Job Control	Construction Stages for Obtaining Sample or Test	Sample Size	Procedures		Remarks
						Sampling Method	Test Methods	
Lime Stabilized Roadbed	Water	Chemical	Sample each source of water. No test required for municipal water systems	Prior to beginning operations	1 gal (4 L)	A composite sample for different elevations should be obtained from ponds		Ship to Central Lab. in glass or plastic container. Use Sample Information Card Form BMT-1. Allow two weeks for test results
	Hydrated Lime	Chemical	Pretested or certified from approved source shown on Qualified Products List. If not pretested or certified, sample each tank truck or railroad car	Before incorporation in work See ALDOT-195	2 qt (1 L) Cans	AASHTO T-218		Ship one can from each shipment to Central Lab. Use Sample Information Card Form BMT-1. Store remaining cans until test report is received
	Quick Lime	Chemical & Physical Gradation	Pretested or certified from approved source shown on Qualified Products List. If not pretested or certified, sample each tank truck or railroad car Min. 1 per each days shipment or 500t (t)			AASHTO T-218	AASHTO T-27	
	Soil	Pulverization	One each mixing section not to exceed 1000 ft (300 m) as required for the class of stabilization specified	Before beginning compaction operations	10 lbs (5 kg)	ALDOT-105	ALDOT-110	Use BMT-1, Report - Form BMT-78

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		Moisture Density Standard	One each mixing section of roadbed before stabilization (Min. 1 per 1000 ft. (300 m) or each soil change)	After subgrade preparation operations have been completed	25 lbs. (12 kg)	ALDOT-105	AASHTO T-99	Use Work Sheet Form BMT-58, Report Form BMT-16 or in Site Manager
			One each mixing section	After lime has been spread and mixed. (After final increment for Class 1, and mellowing period for Class 2)	25 lbs. (12 kg)	ALDOT-105	ALDOT-223	Use Work Sheet Form BMT-58, Report Form BMT-16 or in Site Manager
		In-place Density & Moisture	One each mixing section not to exceed 1000 ft. (300 m)	After compaction operations have been completed			ALDOT-222 or ALDOT-223 or AASHTO T-191 when authorized	Report Form BMT-57, Report Forms BMT-112 & 113, Report Form BMT-16 or in Site Manager
		Thickness Check	Each 200 ft. (60 m) alternating left and right of centerline	After compaction and surface smoothness operations have been completed			ALDOT-105	Report on Form BMT-16 or in Site Manager