

**Pressure Grouting and Repair of Portland Cement  
 Concrete Pavement**

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	
Pressure Grouting and Repair of Portland Cement Concrete Pavement	Quality Control Operations	Stockpiling Components	Visual check daily on arriving shipments. Cement, fly ash and aggregates must be from approved sources	Prior to use				Check Materials, Sources and Devices With Special Acceptance Requirements Manual before operations have begun
	Grout Mix Components		Shipped from approved certified source	Prior to use. See ALDOT-195 and ALDOT-227		AASHTO T-127		See List I-2, Materials, Sources and Devices With Special Acceptance Requirements Manual
	Cement							
	Fly Ash (When Required)		Shipped from approved certified source	Prior to use. See ALDOT-195 and ALDOT-227		AASHTO T-127		See List I-3, Materials, Sources and Devices With Special Acceptance Requirements Manual
	Fine Aggregate (When Required)	Gradation	Minimum one test daily See ALDOT-249	Prior to beginning each days operations		AASHTO T-2	AASHTO T-27	Use Work Sheet form BMT-33 & BMT-91. Aggregate must be from an approved source.
	Water		Approved prior to use	Prior to use. See Section 807.				
	Quality Control Test for Grout	Flow Test	Minimum one test daily, more frequent if deemed necessary	Prior to beginning each days operations and when necessary during production		ALDOT-338	ALDOT-338	Flow Cone Method
	Concrete Pavement Replacement		See Requirements of Section 501 and 450					
	Epoxied Tie Bars	Pull Out	Minimum three per 40 yd <sup>3</sup> (m <sup>3</sup> ) of concrete	After epoxy has cured as recommended by producer		ALDOT-210	ALDOT-366	