

## REVISIONS TO MATERIALS SAMPLING GUIDE July 1, 2011 Edition

Section 2, Asphaltic Materials			
Page 2-2 – Asphalt Emulsified Anionic and Cationic			
		Field Personnel, Diluted Emulsions	
			<b>Removed</b> – a sample consisting of two one-quart plastic containers from
			<b>Added</b> – a sample consisting of one one-quart container from
Section 2, Asphaltic Materials			
Page 2-2 – Asphalt Emulsified Anionic and Cationic			
		Field Personnel, Undiluted Emulsions	
			<b>Removed</b> – a sample consisting of two one-quart plastic containers from
			<b>Added</b> – a sample consisting of one one-quart container from
Section 3, Asphaltic Concrete			
Page 3-3 – Hydrated Lime or Type S Lime			
		Field Personnel	
			<b>Removed</b> – Project Personnel will supply one pound sample for each 1000 tons (minimum of three samples per project) of material used to perform the testing shown under the Central Lab column. (Place the lime in a plastic bag before putting in the sloth sample bags).
			<b>Added</b> – Lime is accepted for use with a supplier’s certification stating it’s compliance to the specification.
Page 3-3 – Hydrated Lime or Type S Lime			
		Central Lab	
			<b>Removed</b> – Project Personnel will supply one pound sample for each 1000 tons (minimum of three samples per project) of material used for quality tests.
			<b>Added</b> – -----
Section 14, Portland Cement/Blended Cement/Pozzolans/Ground Granulated Blast Furnace Slag/Silica Fume			
Page 14-1 – Blended Cement			
		Field Personnel	
			<b>Removed</b> – Refer to the Approved Products List. Blended cement is sampled at the blended cement mill and accepted for use with a manufacturer’s certification.
			<b>Added</b> – per project or for every 750 tons of blended cement that is used or
			<b>Removed</b> – when requested by the Materials and Research Division

Section 15, Portland Cement Concrete for Pavement, Base Course, Pavement Patching		
Page 15-1 – Coarse Aggregates		
	Central Lab	
		<b>Added</b> – independent assurance
		<b>Removed</b> – quality and gradation
		<b>Added</b> – gradation and quality
Page 15-2 – Fine Aggregate Sand Gravel		
	Central Lab	
		<b>Added</b> – independent assurance
Section 16, Portland Cement Concrete for Structures, Culverts and Miscellaneous Construction		
Page 16-1, Coarse Aggregates		
	Central Lab	
		<b>Added</b> – independent assurance
		<b>Removed</b> – quality and gradation
		<b>Added</b> – gradation and quality
Page 16-2 – Fine Aggregate Sand Gravel		
	Central Lab	
		<b>Added</b> – independent assurance
Section 19, Culvert Pipe, Drain Tile, Sewer Pipe, Slope Drains, etc.		
Page 19-1, Footnote		
		<b>Removed</b> – 43
		<b>Added</b> – 39
Page 19-2, Footnote		
		<b>Removed</b> – 43
		<b>Added</b> – 39
Section 27, Notes		
Page 27-6, Note 11, Metal Culvert Pipe Field Inspection and Reporting		
		<b>Removed</b> – Refer to Approved Products List, Section 6 – Miscellaneous, for additional corrugated metal pipe information.
Section 28, Quality Assurance Program for Construction Materials		
Page A4, Appendix A, Sampling and Testing Personnel Qualification Program		

			<b>Removed</b> – Previous Table A1
			<b>Added</b> – Revised Table A1
Section 28, Quality Assurance Program for Construction Materials			
	Page F-1/F-7, Appendix F, Annual Report to FHWA On System Wide Approach of Independent Assurance Testing National Highway System		
			<b>Removed</b> – Previous report
			<b>Added</b> – Revised report parameters
Policy 4, Acceptance Policy for Cement and Blended Cement			
	Page 29-13, Approved Products List		
		Item 2, A, 1, a.	
			<b>Removed</b> – ±
			<b>Added</b> – ±
		Item 2, A, 1, b.	
			<b>Removed</b> – ±
			<b>Added</b> – ±
			<b>Added</b> – percent
			<b>Removed</b> – ±
			<b>Added</b> – ±
			<b>Added</b> – percent
	Page 29-15, Sampling from Railroad Car or Truck		
			<b>Removed</b> – Obtain samples of cement using a probe sampler (Figure 1). It shall be between 5 and 6 feet long and approximately 1 <sup>3</sup> / <sub>8</sub> inch in outside diameter and consist of two polished brass telescopic tubes with registering slots that are opened or closed by rotation of the inner tube, the outer tube being provided with a sharp point to facilitate penetration. Take samples from well-distributed points and various depths of the cement so that the samples taken will represent the cement produced.
			<b>Added</b> – Obtain samples of blended cement by digging a trench two inches deep in the exposed surface of the cement and taking the sample below the bottom of the trench by means of a sampling tube (Figure 1). Other methods of sampling are permissible if they produce a representative, uncontaminated sample.
	Page 29-17, Flowchart		
		Annual Sampling Field Verification – NDOR QA Manager Responsibilities	
			<b>Added</b> – or Project Personnel
		Annual Sampling Field Verification – Test Results	

			<b>Removed</b> – maybe
			<b>Added</b> – may be
Policy 8, Pipe Material Policy			
Page 29-33, Attachment 3, Functional Usage			
Cross Drain and Intersection Footnotes			
			<b>Added</b> – Corrugated metal pipe will not be permitted in the southeast counties of Gage, Nemaha, Richardson, Pawnee, Johnson, Otoe or any other locations that are designated by M&R as unsuitable for corrugated metal pipe.