

REVISIONS TO MATERIALS SAMPLING GUIDE

July 22, 2009 Edition

Section 27 – Notes

Note 7: Air-Entraining Agents and Concrete Admixtures:

- a. Remove text “*Concrete Admixtures* “ from the first sentence.
- b. Remove text “*A sample must be entered into SiteManager to report the type and brand of air entraining agent of concrete admixture(s) that was used.*” And replace it with “*The use of air entraining agent and admixture (s) are to be recorded on the PCC Sample Proportioning Report template.*”
- c. Delete “*air entraining agent or*” in the first sentence of the last paragraph

Section 28 – Quality Assurance Program for Construction Materials

Item 4.4: Testing Personnel:

- d. Added text “*An IA will not be required of any individual for the year they receive certification or recertification for AASHTO & ASTM test methods.*”

Item 5.1: Materials Certification:

- e. Removed “*subject to FHWA oversight activities*”. Added “*on the National Highway System (NHS).*”

Item A4.3: Qualification Procedure:

- f. Removed “*If an individual fails to be qualified in a calendar year*”. Added “*Any individual who performs verification or quality control sampling and testing that fails to be qualified in that calendar year*”

Item Table B1: Equipment Calibration and Verification Frequency:

- g. Equipment Column: Added multiple items to the equipment calibration and verification list
- h. Interval Column: Changed Gyrotory Compactor interval from “24” to “12” months
- i. Interval Column: Changed Mechanical Compactors (Marshall) interval from “24” to “36” months
- j. Requirement Column: Changed PCC Air Meters from “*Verify*” to “*Calibrate*”
- k. Interval Column: Changed PCC Air Meters interval from “3” to “12” months

Item Procedure for Verifying Ovens:

- l. Inspection Equipment Required: In part 1 added “*either Fahrenheit or Celsius*” for calibrated thermometer

Item C2.3.3.8: Quality Control Program Minimum Requirements:

- m. Removed item since there is no longer a checklist in Appendix G

Item Appendix D: Acceptance Tolerance Limits for Independent Assurance Split or Proficiency Samples:

- n. Added a new column designating the test method, to help differentiate it from the Standard used

- o. Split Sample Tolerance Column: Changed PCC Coarse Aggregate > No. 4 from “7or8%” to “5%”
- p. Material Column: Changed “*Complete Mixture*” to “*Fresh Concrete*”
- q. Test Procedure Column: In PCC Fresh Concrete row, removed “*Compressive Strength*”. Added “*Cylinder & Strength*”
- r. Added after the table: “**The Federal Proficiency Sample Testing Program rating scale will be used. The program uses a scale of 1 to 5. When a rating of 2 or lower is achieved corrective action shall be taken. The ratings have no valid standing beyond showing the difference between the individual’s results and the average for a particular test.**”

Ratings	Range (Number of Standard Deviations)
5	Less than 1
4	1 to 1.5
3	1.5 to 2
2	2 to 2.5
1	Greater than 2.5

Item Appendix G: Checklist Asphalt Production, Placement and Compaction:

- s. Removed Appendix G