

## MATERIALS STANDARDS :: SUMMARY OF APRIL 2020 UPDATE

### UPDATE INCLUDES 8 NEW STANDARDS/18 REVISED STANDARDS

DESIGNATION NUMBER	TITLE	TECHNICAL SECTION NUMBER	BALLOTTED REVISIONS
<b>NEW STANDARDS (8)</b>			
MP 43-20	Materials for Emulsified Asphalt Scrub Seal	5b	New Provisional specification.
MP 44-20	Materials for Ultrathin Bonded Wearing Course	5b	New Provisional specification.
MP 45-20	Materials for Full-Depth Reclamation Mixtures with Emulsified Asphalt	5b	New Provisional specification.
PP 100-20	Ultrathin Bonded Wearing Course Design	5b	New Provisional practice.
PP 101-20	Emulsified Asphalt Content of Full-Depth Reclamation Mixture Design	5b	New Provisional practice.
TP 135-20	Total Pore Volume in Hardened Concrete Using Vacuum Saturation	3c	New Provisional test.
TP 136-20	Degree of Saturation of Hydraulic-Cement Concrete	3c	New Provisional test.
TP 137-20	Box Test in Slip Form Paving of Fresh Portland Cement Concrete	3b	New Provisional test.
<b>REVISED STANDARDS (18)</b>			
M 85-20	Portland Cement	3a	Changed Section 9.1.4 and a row heading in Table 4 from "false set" to "early stiffening" to more accurately reflect the results of T 186 testing.
M 240M/M 240-20	Blended Hydraulic Cement	3a	Added language in Section 15.6 to note that the chloride content of a cement is available upon request.
R 32-20	Calibrating the Load Cell and Deflection Sensors for a Falling Weight Deflectometer	5a	Revised extensively to reflect current industry practice, incorporate new calibration software requirements, and incorporate feedback and recommendations from users of the standards.
R 33-20	Calibrating the Reference Load Cell Used for Reference Calibrations for a Falling Weight Deflectometer	5a	Revised extensively to reflect current industry practice, incorporate new calibration software requirements, and incorporate feedback and recommendations from users of the standards.
T 22M/T 22-20	Compressive Strength of Cylindrical Concrete Specimens	3c	Revised extensively for equivalency with ASTM C39/C39M-18, including change to dual units.
T 105-20	Chemical Analysis of Hydraulic Cement	3a	Revised Sections 2.1, 3.1, 6.3.2, and 21.3.4 for equivalency with ASTM C114-18.
T 131-20	Time of Setting of Hydraulic Cement by Vicat Needle	3a	Revised Section 6.2 for equivalency with ASTM C191-18.
T 140-20	Compressive Strength of Concrete Using Portions of Beams Broken in Flexure	3c	Revised Section 8.1.3 and Figure 1 for greater clarity.
T 153-20	Fineness of Hydraulic Cement by Air Permeability Apparatus	3a	Revised extensively for equivalency with ASTM C204-18.
T 186-20	Early Stiffening of Hydraulic Cement (Paste Method)	3a	Revised Sections 6.5 and 6.8 for equivalency with ASTM C451-18.
T 309-20	Temperature of Freshly Mixed Portland Cement Concrete	3b	Revised to move include information about larger-aggregate concrete from Section 8.4.1 to Section 3.2.1.
T 365-20	Quantifying Calcium Oxychloride Amounts in Cement Pastes Exposed to Deicing Salts	3c	Revised extensively.
T 389-20	Determining the Influence of Road Surfaces on Vehicle Noise Using the Statistical Isolated Pass-By (SIP) Method	5a	Adopted AASHTO Provisional standard TP 98 as a full standard method of test, T 389.
T 390-20	Determining the Influence of Road Surfaces on Traffic Noise Using the Continuous-Flow Traffic Time-Integrated Method (CTIM)	5a	Adopted AASHTO Provisional standard TP 99 as a full standard method of test, T 390.

DESIGNATION NUMBER	TITLE	TECHNICAL SECTION NUMBER	BALLOTTED REVISIONS
PP 80-20	Continuous Thermal Profile of Asphalt Mixture Construction	5c	Revised temperature range in Table 1 to read 60 to 250°C (140 to 480°F).
PP 84-20	Developing Performance Engineered Concrete Pavement Mixtures	3c	Revised extensively, including removal of several appendixes: <ul style="list-style-type: none"> <li>• Appendix X1 is addressed in Section 6.4.1.1.</li> <li>• Appendix X2 is addressed in Sections 6.6.1.2 and 6.6.2.</li> <li>• Appendix X3 has become a new Provisional method of test, TP 137.</li> <li>• Appendix X5 is included in Section 6.5.2.1.</li> <li>• Appendix X6 is now a PP 84 Guidance Document, which will be maintained until PP 84 is no longer a Provisional standard or it is no longer needed.</li> <li>• Section 6.5.2.1 references two new Provisional methods of test, TP 135 and TP 136.</li> </ul>
PP 87-20	Slurry Seal Design	5b	Revisions to Sections 6.1, 9.1, and 11.2.
PP 98-20	Asphalt Surface Dielectric Profiling System Using Ground Penetrating Radar	5c	Revised in several sections to clarify equipment requirements.