

JUNE 2018 UPDATE TO THE MATERIALS STANDARDS, 2018 EDITION



PUBLICATION SPECIFICATIONS

Title:	The Materials Standards (Formally, <i>Standard Specifications for Transportation Materials and Methods of Sampling and Testing, and AASHTO Provisional Standards, 2018 Edition</i>)
Developed By:	AASHTO Committee on Materials and Pavements
Category:	Materials, Testing & Pavement
Item Code:	HM-WB

DESCRIPTION

AASHTO has released the second of three 2018 updates to the web-based edition of the Materials Standards, formally titled *Standard Specifications for Transportation Materials and Methods of Sampling and Testing, and AASHTO Provisional Standards, 2018 Edition*. The Materials Standards contain specifications, test methods, and provisional standards commonly used in the construction of highway facilities.

This June 2018 update includes 1 (one) new and 13 (thirteen) revised standards, and updates the sections on Concrete Drainage Structures; Flexible and Metallic Pipe; Markings and Coatings; and Safety Devices.

Current subscribers to the web-based Materials Standards will automatically have access to the new and revised information.

The third and final 2018 update to the Materials Standards will be released in August and will update the sections on Geotechnical, and Bituminous Materials and Mixtures.

SUMMARY SHEET

Attached below is a Summary Sheet that details the new and revised standards. It includes standard designation numbers, titles, technical section numbers, and a description of the balloted revisions.

PUBLICATION FORMAT

The Materials Standards are available as a 12-month, online subscription. Customers may purchase either a single-user license, or choose among several multiple-user licenses, including 2-user, 3-user, 5-user, 10-user, or 25-user licenses. Multiple-user licenses offer deeper price discounts, ranging from a 25% discount for a 2-user license, a 33% discount for a 3-user license, and a nearly 40% discount for a 25-user license.

This web-based format offers several enhanced features, including

- Immediate online access, with nothing to download or install;
- Access to all updates published during a subscription period;
- Access to recent past editions of the Standards, with changes between editions highlighted for easy reference;
- The ability to search by keywords, highlight text, and add shareable bookmarks and notes; and
- Access on multiple devices.

PUBLICATION ITEM CODES AND PRICING

Following are the item codes and prices for each available user license:

User License	Item Code	List Price	AASHTO Member Price
Single-User License	HM-WB1	\$775	\$575
Two-User License	HM-WB2	\$1,160	\$860
Three-User License	HM-WB3	\$1,550	\$1,150
Five-User License	HM-WB5	\$2,901	\$2,231
Ten-User License	HM-WB10	\$5,119	\$3,938
Twenty-Five-User License	HM-WB25	\$11,944	\$9,188

ORDERING INFORMATION

For more information about the Materials Standards, including the table of contents, or to purchase a subscription, visit the AASHTO Bookstore online at bookstore.transportation.org, and search by the publication's item code, HM-WB.

DIRECT LINK TO THE PUBLICATION ON AASHTO BOOKSTORE

https://bookstore.transportation.org/collection_detail.aspx?ID=149

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MATERIALS STANDARDS :: SUMMARY OF JUNE 2018 UPDATE

UPDATE INCLUDES 1 NEW & 13 REVISED STANDARDS

DESIGNATION NUMBER	TITLE	TECHNICAL SECTION NUMBER	BALLOTTED REVISIONS
NEW STANDARD (1)			
TP 130-18		4c	
REVISED STANDARDS (13)			
M 180-18	Corrugated Sheet Steel Beams for Highway Guardrail	4d	Revised to include zinc-aluminum-magnesium coatings and applicable ASTM standards that apply to that coating type.
M 203M/M 203-18	Steel Strand, Low-Relaxation Uncoated Seven-Wire for Concrete Reinforcement	4f	Revised to maintain equivalency with ASTM A416.
M 252-18	Corrugated Polyethylene Drainage Pipe	4b	Revised extensively.
M 294-18	Corrugated Polyethylene Pipe, 300- to 1500-mm (12- to 60-in.) Diameter	4b	Revised extensively.
M 326-18	Polyethylene (PE) Liner Pipe, 300- to 1600-mm Diameter, Based on Controlled Outside Diameter	4b	Revised extensively.
M 330-18	Polypropylene Pipe, 300- to 1500-mm (12- to 60-in.) Diameter	4b	Revised extensively.
M 336M/M 336-18	Steel Wire and Welded Wire, Plain and Deformed, for Concrete Reinforcement	4f	Adopted as a new standard specification; replaces M 32M/M 32, M 55M/M 55, M 221M/M 221, and M 221M/M 221.
T 244-18	Mechanical Testing of Steel Products	4f	Revised to maintain equivalency with ASTM A370 and also to include a new annex for weld pull testing.
T 366-18	Apparent Viscosity of Hot-Poured Asphalt Crack Sealant Using Rotational Viscometer	4e	Revised Section 4.1, source of spindle recommendation.
T 370-18	Measuring Adhesion of Hot-Poured Asphalt Crack Sealant Using Direct Adhesion Tester	4e	Revised extensively.
MP 25-18	Performance-Graded Hot-Poured Asphalt Crack Sealant	4e	Extensive revisions to Table 1.
PP 85-18	Grading or Verifying the Sealant Grade (SG) of a Hot-Poured Asphalt Crack	4e	Revised extensively.
TP 126-18	Evaluation of the Tracking Resistance of Hot-Poured Asphalt Crack Sealant by Dynamic Shear Rheometer (DSR)	4e	Revised Section 10.2 to remove requirement for trimming specimen.