

CHAPTER 8

HOT MIX ASPHALT (HMA) PAVEMENT, BASES, AND SUBBASES

8.00 TABLES AND REPORT FORMS

8.01 TABLES FOR BITUMINOUS MATERIALS AND HMA CONSTRUCTION

Reference tables are included in *Office of Materials Instructional Memorandum (I.M.) Volume II*. Available tables include:

<u>Number</u>	<u>Description</u>
T-101	Aggregate Delivery Conversion Table
T-102	Temperature-Volume Corrections for Asphaltic Materials
T-103	Temperature-Volume Corrections for Asphaltic Materials
T-104	Gauging Table for Horizontal Cylindrical Tanks
T-105	Outage of Horizontal Cylindrical Tanks
T-108	Temperature-Volume Corrections for Emulsified Asphalts
T-108A	Temperature-Volume Corrections for Diluted Emulsified Asphalts
T-203	General Aggregate Source Information

8.02 REPORT FORMS

Construction inspection personnel are responsible for field sampling and testing in accordance with requirements of [Materials I.M. 204](#) and those outlined in [Construction Manual Chapters 2 and 3](#). Forms are supplied for reporting test results, submitting samples, and as inspector work sheets.

Under the certified plant inspector program and Quality Management - Asphalt (QM-A) program, specific sampling and testing will be done by contractor's representative (as directed and witnessed by contracting authority) per [Materials I.M. 213](#) and [Construction Manual 3.07, 3.21, & 3.22](#). Plant inspectors and other certified HMA technicians must also be familiar with applicable Materials I.M.'s.

Form Identification and Use

- "Daily HMA Plant Report" (Form 800241) documents daily plant operation, job control testing, HMA mix property results, and material placement for HMA production and placement. A computerized version of this form is available and its use should be encouraged to reduce errors although the handwritten form is still available. Copies should be sent to the Office of Materials, the District Materials Office, the project engineer, and the contractor. A copy of the form is included in [Appendix 8-3](#).
- "Identification of Sample for Test" (Form 820193) must accompany all samples submitted to Central Materials Laboratory and District Materials Laboratories.
- "Noncompliance Notice" (Form 830245) is used to report project test results, workmanship, or other items in violation of specifications. Copies are to be given to project engineer and contractor.