



**DEVELOPMENTAL SPECIFICATIONS
FOR
HOT MIX ASPHALT INTERLAYER**

**Effective Date
October 20, 2015**

THE STANDARD SPECIFICATIONS, SERIES 2015, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE DEVELOPMENTAL SPECIFICATIONS AND THEY PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.

15024.01 DESCRIPTION.

These specifications describe requirements for a highly polymer modified asphalt interlayer. Apply Section 2303 of the Standard Specifications unless otherwise directed in these specifications.

15024.02 MATERIALS.

- A. Asphalt Binder.**
Use a PG 64-34.
- B. Mix Design.**
 - 1. See Materials I.M. 510 Appendix A.
 - 2. Mix approval is based on Performance Testing Requirements per Table 4 in Materials I.M. 510 Appendix A.
 - 3. Do not use RAP.

15024.03 CONSTRUCTION.

- A.** Tack the cleaned surface prior to placement of the interlayer using a trackless product approved on AASHTO's Product Evaluation Listing (APEL). Apply a second tack coat prior to placement of the next lift. Subsequent lifts that are at least 1 1/2 inches in thickness may use any approved tack outlined in Article 2303.02, E, 1.
- B.** Compact with steel wheeled roller.
- C.** Do not pave unless ambient temperatures are at least 60°F and rising.
- D.** Do not open to traffic until the entire mat has cooled below 150°F.
- E. Quality Assurance/Quality Control.**

1. Field Voids Acceptance.

Acceptance for field voids shall be Class II compaction defined in Section 2303 of the Standard Specifications.

2. Lab Voids Acceptance.

Sample and test one hot box per day of production unless otherwise approved by the Engineer. Apply Article 2303.05, A, 3, a, 2, of the Standard Specifications for AAD acceptance. Air void target is based on approved JMF.

3. Take at least one cold feed for gradation control.

15024.04 METHOD OF MEASUREMENT.

Hot Mix Asphalt Interlayer, of the size specified, will be measured according to Article 2303.04 of the Standard Specifications.

15024.05 BASIS OF PAYMENT.

Hot Mix Asphalt Interlayer, of the size specified, will be paid for according to Article 2303.05 of the Standard Specifications.