



**SUPPLEMENTAL SPECIFICATIONS  
FOR  
HOT MIX ASPHALT INTERLAYER**

**Effective Date  
October 17, 2023**

**THE STANDARD SPECIFICATIONS, SERIES 2023, ARE AMENDED BY THE FOLLOWING MODIFICATIONS AND ADDITIONS. THESE ARE SUPPLEMENTAL SPECIFICATIONS AND THEY PREVAIL OVER THOSE PUBLISHED IN THE STANDARD SPECIFICATIONS.**

**23005.01 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.

**23005.02 MATERIALS.**

**A. Asphalt Binder.**  
Use a PG 58-34E.

**B. Mix Design.**

1. See [Materials I.M. 510 Appendix A](#).
2. Mix approval is based on Performance Testing Requirements per [Materials I.M. 510 Appendix A](#).
3. Do not use RAP.

**23005.03 CONSTRUCTION.**

- A.** Apply tack coat prior to placement of HMA interlayer according to [Section 2303](#) of the Standard Specifications.
- B.** Compact with static steel wheeled roller.
- C.** Do not open to traffic until the entire mat has cooled below 150°F.
- D. 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 from windrow or hopper. 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 each day of production.

**23005.04 METHOD OF MEASUREMENT.**

Hot Mix Asphalt Interlayer, of the size specified, will be measured according to [Article 2303.04](#) of the Standard Specifications.

**23005.05 BASIS OF PAYMENT.**

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