



APA MATERIAL SUBMITTAL REQUIREMENTS
For AASHTO T 340-10

1. **General** – *For each HMAC Blend*, sample, separate, and batch dry aggregates to the JMF proportions per the ODOT Contractor HMAC Mix Design Guidelines. Sample asphalt cement per AASHTO T40. If RAP, RAS, lime or other additives are used, provide separate samples.

- ▲ **Asphalt Cement:** 6 each - 1 quart cans
- ▲ **Lime or other additives (if required):** 1 each – 1 kg (or per manufacturer’s recommendation)
- ▲ **Virgin Aggregate:** 7 each for gyro, 1 each for rice. Batched to the JMF target per the CMDT Stage II batch plan to achieve a ± 115.0 mm sample height.
- ▲ **RAP (if required):** 1 each – 15 kg
- ▲ **RAS (if required):** 1 each – per JMF blend.
- ▲ **JMF:** Cover sheet and Stage II data.
- ▲ **Temp/Viscosity Curve** for grade and brand of oil used in JMF.

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