

**OKLAHOMA DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION
FOR
HOT MIX ASPHALT (LIME)**

These Special Provisions revise, amend, and where in conflict, supersede applicable sections of the 2009 Standard Specifications for Highway Construction, English and Metric.

411.04 CONSTRUCTION METHODS

B. Preparation of Materials *(Add the following:)*

(4) Lime

Provide hydrated lime or commercial lime slurry as the anti-stripping agent if one is needed to meet the requirements of section 708. Add between 0.5% and 2.0% hydrated lime or commercial lime slurry solids by weight of the aggregates treated as shown on the mix design. Incorporate the lime in a manner that thoroughly and uniformly distributes lime onto the aggregate surface or into the mixture. Use metering equipment as approved, to ensure the required quantity of lime is used. Fines collected by the baghouse or other dust-collection equipment may be reintroduced into the mixing drum.

(a) Hydrated Lime

Add to the aggregate by one of the following methods unless otherwise shown on the plans or mix design:

- Add in an approved pug mill mixer with damp aggregate containing water at least 2% above saturated surface dry condition.
- Add into the drum-mix plant immediately before asphalt binder addition or in the pug mill of the batch plant before asphalt binder addition. If a batch plant is used, dry mix aggregates and lime before adding asphalt binder.

(b) Commercial Lime Slurry

Add to the aggregate by one of the following methods unless otherwise shown on the plans or mix design:

- Mix in a suitable pug mill mixer with the aggregate.
- During mixture production, mix with aggregates between the plant cold feeds and the dryer or mixing drum.