

SUDAS Revision Submittal Form

Status Date: As of 5/18/2023 **Topic:** Thin lift overlays
Manual: Specifications **Manual Location:** Section 7021, 3.01, B

Requested Revision:

3.01 HMA OVERLAY

Comply with Section 7020, Iowa DOT Section 2303, Section 7040, and the following:

A. Preparation of Existing Pavement:

1. Remove pavement by milling as required by the contract documents. Mill to the depth, cross-section, or profile specified.
2. Sweep existing pavement with approved broom. Provide dust control during brooming.
3. If milling is not required, correct irregularities in existing pavement cross slope with partial patching, full-depth patching, and leveling base coat prior to placing the overlay. Use base or intermediate course mixes to correct irregularities. Surface course thickness per plan.

B. Special Requirements for Thin Lift Overlays and HMA Interlayer:

1. Apply tack coat prior to placement of thin lift overlay and HMA interlayer. Comply with Section 7020.
2. Keep the production temperature of asphalt mixtures between 225°F and 335°F until placed on the grade.
3. Compact with static steel wheel roller.
4. Do not open to traffic until the entire mat has cooled below 150°F.

Reason for Revision: Clarified placement and opening temperatures.

Comments: None.

District: 1 2 3 4 5 6 **2/22/2023 Webinar**

Comments: None.

District: 1 2 3 4 5 6 **4/2023 Meetings**

Comments: None.

Action: Deferred Not Approved Approved

Final District Action Summary: All 6 districts approved.

Board of Directors Action: Approved.