

SUDAS Revision Submittal Form

Status Date: As of 5/18/2022 **Topic:** Curing compound
Manual: Specifications **Manual Location:** Section 7011, 1.08, A, 7; 2.01, M; and 3.01, E, 3

Requested Revision:

1.08 MEASUREMENT AND PAYMENT

A. PCC Overlays:

7. Liquid Curing Compound Separation Layer on PCC Surface Patches for Unbonded PCC Overlay:

- a. **Measurement:** Measurement will be in square yards of liquid curing compound for a separation layer.
- b. **Payment:** Payment will be the unit price per square yard of liquid curing compound separation layer.
- c. **Includes:** Unit price includes but is not limited to, cleaning PCC surface patches and furnishing and placing the liquid curing compound.

2.01 MATERIALS

M. Liquid Curing Compound Separation Layer on PCC Surface Patches for Unbonded Overlay over Concrete: Comply with Iowa DOT Section 4105.

~~MN.~~ Covering:

1. **Burlap:** Comply with [Iowa DOT Section 4104](#).
2. **Plastic Film:** Comply with [Iowa DOT Section 4106](#).
3. **Insulating Cover:** Comply with [Iowa DOT Section 4106](#).

3.02 CONSTRUCTION

E. **Unbonded Overlay Surface Preparation:** Clean the existing pavement surface immediately prior to paving to remove dirt or debris.

3. Over PCC with Liquid Curing Compound

- a. Place liquid curing compound meeting Iowa DOT Section 4105 on all PCC patched surfaces prior to placement of the PCC overlay.
- b. Apply a minimum of two coats evenly on the full patch area with each coat at a rate of 1 gallon per 200 square feet.
- c. If dry to the touch within 10 minutes or rapid absorption is noted, apply a third coat at a rate of 1 gallon per 200 square feet.
- d. Prohibit traffic on patches with curing compound applied, and ensure the curing compound is surface dry prior to placement of the overlay.

34. Over HMA:

- a. Mill high spots in the existing asphalt surface as specified in the contract documents.
- b. Remove all loose asphalt material after milling.

Reason for Revision: Adding as a bond breaker option.

Comments: None.

District:	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input checked="" type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
Comments:	Clarify that this is concrete over concrete. <i>Note - done.</i>					
Action:	<input type="checkbox"/> Deferred		<input type="checkbox"/> Not Approved		<input checked="" type="checkbox"/> Approved	
District:	<input type="checkbox"/> 1	<input checked="" type="checkbox"/> 2	<input checked="" type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input checked="" type="checkbox"/> 6
Comments:	None.					
Action:	<input type="checkbox"/> Deferred		<input type="checkbox"/> Not Approved		<input checked="" type="checkbox"/> Approved	
District:	<input checked="" type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input type="checkbox"/> 5	<input type="checkbox"/> 6
Comments:	Only for PCC surface patches. Don't need the word "scarified" in 3.02, E, 3, b. <i>Note - fixed.</i>					
Action:	<input type="checkbox"/> Deferred		<input type="checkbox"/> Not Approved		<input checked="" type="checkbox"/> Approved	
District:	<input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4	<input checked="" type="checkbox"/> 5	<input type="checkbox"/> 6
Comments:	Questioned the timing of adding the curing compound vs adding the overlay and suggested adding language about not being open to traffic. <i>Note - added 3.02, E, 3, d above to clarify.</i>					
Action:	<input type="checkbox"/> Deferred		<input type="checkbox"/> Not Approved		<input checked="" type="checkbox"/> Approved	

Final District Action Summary: All 6 districts approved; see comments above.

Board of Directors Action: Approved.