
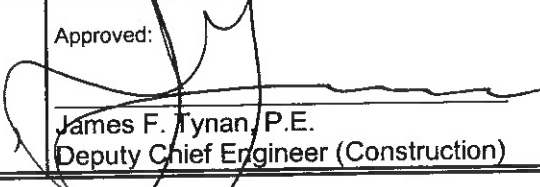


To: <p style="text-align: center;"><b>SUPERSEDED BY</b>  <b>EI 10-009</b>  <b>EFFECTIVE 9/2/10</b></p>		<p style="text-align: center;"><i>New York State Department of Transportation</i>  <b>ENGINEERING INSTRUCTION</b></p>	<p style="text-align: center;"><b>EI</b>  <b>08-028</b></p>
<b>Title: HOT MIX ASPHALT (HMA) SEASONAL AND TEMPERATURE LIMITATIONS</b>			
Distribution: <input checked="" type="checkbox"/> Manufacturers (18) <input checked="" type="checkbox"/> Local Govt. (31) <input checked="" type="checkbox"/> Agencies (32)	<input type="checkbox"/> Surveyors (33) <input checked="" type="checkbox"/> Consultants (34) <input checked="" type="checkbox"/> Contractors (39) <input type="checkbox"/> _____ (	Approved:  James F. Tynan, P.E. Deputy Chief Engineer (Construction)	7-29-08 Date

**ADMINISTRATIVE INFORMATION:**

- This Engineering Instruction (EI) is effective upon issuance.
- This EI does not supersede any other issuance.
- The revisions issued with this EI will be incorporated into the next update of the Standard Specifications.

**PURPOSE:** The purpose of this EI is to issue revisions to Standard Specifications Section 402 *Hot Mix Asphalt*.

**TECHNICAL INFORMATION:**

- The revision adjusts the seasonal and temperature requirements for placement of hot mix asphalt (HMA).
- There are no anticipated cost impacts due to this change.

**IMPLEMENTATION:**

- Main Office Design Quality Assurance Bureau will insert the standard specification shelf note into contract proposals beginning with projects submitted for the letting of 01/08/09.
- Engineers-in-Charge of ongoing contracts and those let prior to the inclusion of the shelf note in the contract proposal should provide the Contractor with a copy of this EI and file a copy in the contract records as documentation of the change in accordance with the Contract Administration Manual (CAM) §104-02.

**TRANSMITTED MATERIALS:**

This EI transmits standard specification shelf note *Hot Mix Asphalt Seasonal and Temperature Limitations*. Both Metric and U.S. Customary shelf notes are attached.

**BACKGROUND:** Based on a technical review, the Department has decided to change the temperature and seasonal limitations in the Standard Specifications in accordance with the attached revised Table 402-2 *Temperature And Seasonal Requirements*. The revised table allows HMA placement at lower temperatures than previously and extends the paving season. The revisions are effective for all contracts, including on-going contracts.

**CONTACT:** Direct questions regarding this issuance to Chris Crachi of the Office of Construction at (518) 457-6472 or via e-mail at [CCrachi@dot.state.ny.us](mailto:CCrachi@dot.state.ny.us) or to Zoeb Zavery of the Materials Bureau at (518) 485-5277 or via e-mail at [ZZavery@dot.state.ny.us](mailto:ZZavery@dot.state.ny.us).

## HOT MIX ASPHALT SEASONAL AND TEMPERATURE LIMITATIONS

Make the following changes to the Standard Specifications of May 4, 2006:

Page 240, **Delete** Table 402-2 and accompanying Notes 1-3 and **Replace** it with the following:

<b>TABLE 402-2 TEMPERATURE AND SEASONAL REQUIREMENTS</b>		
<b>Nominal Compacted Lift Thickness</b>	<b>Surface Temperature Minimum (Note 1)</b>	<b>Seasonal Limits</b>
≤ 25 mm	10°C	(Notes 2 & 3)
25 mm < Thickness ≤ 75 mm	7°C	(Notes 2 & 3)
> 75 mm	5°C	None

**NOTES:**

1. Measure all temperatures on the surface where the mixture is to be placed and the controlling temperature will be the average of three temperature readings taken at locations a minimum of 8 meters apart.
2. Place Top Course only during the period of April 1st up to and including November 30th in the counties of Dutchess, Orange, Rockland, Putnam, Westchester, Nassau, Suffolk, and the City of New York.
3. Place Top Course only during the period of April 15th up to and including October 31<sup>st</sup> in all counties except as required in Note 2.

Make the following changes to the Standard Specifications of May 1, 2008:

Page 244, **Delete** Table 402-2 and accompanying Notes 1-3 and **Replace** it with the following:

<b>TABLE 402-2 TEMPERATURE AND SEASONAL REQUIREMENTS</b>		
<b>Nominal Compacted Lift Thickness</b>	<b>Surface Temperature Minimum (Note 1)</b>	<b>Seasonal Limits</b>
≤ 1 in	50°F	(Notes 2 & 3)
1 in < Thickness ≤ 3 in	45°F	(Notes 2 & 3)
> 3 in	40°F	None

**NOTES:**

1. Measure all temperatures on the surface where the mixture is to be placed and the controlling temperature will be the average of three temperature readings taken at locations a minimum of 25 ft apart.
2. Place Top Course only during the period of April 1st up to and including November 30th in the counties of Dutchess, Orange, Rockland, Putnam, Westchester, Nassau, Suffolk, and the City of New York.
3. Place Top Course only during the period of April 15th up to and including October 31<sup>st</sup> in all counties except as required in Note 2.