

STATE OF NEBRASKA
DEPARTMENT OF ROADS
ADDENDUM NO. 1
PROJECT NO. IM-80-3(143)
CONTROL NO. 61442
CALL NO. 605
I-80, SUTHERLAND WEST
LETTING DATE: NOVEMBER 8, 2012

The Special Provisions are amended to include the following three provisions:

SUPERPAVE ASPHALTIC CONCRETE

Paragraph 1. c. of Subsection 1028.03 of the Special Provision titled "Section 1028 – Superpave Asphaltic Concrete (J-7-0512)" is void and superseded by the following:

c. During production of Lot #1, the Contractor shall provide to the Department 6 properly prepared gyratory samples for Tensile Strength Ratio (TSR) testing for all mixtures. Superpave mixtures shall contain 1.25% hydrated lime as specified in the Special Provision "Hydrated Lime for Asphaltic Mixtures". Each Superpave mixture shall be tested for moisture sensitivity in accordance with AASHTO T 283. The 6 inch (150 mm) specimens shall be compacted in accordance with AASHTO T 312 to 7% ($\pm 0.5\%$) air voids at 4 inch (95 mm) in height and evaluated to determine if the minimum Tensile Strength Ratio (TSR) of 80% has been met. The Contractor shall add additional amine based WMA additives with anti-stripping agents or hydrated lime as required for the mix to meet the Tensile Strength Ratio (TSR) of at least 80% on mix design and/or field production samples. TSR test result of less than 80% shall require mixture modifications and a sample from subsequent lots will be tested until a TSR value of at least 80% is achieved.

WARM MIX ASPHALT

Paragraph b. (2) of Section 1 of the Special Provision titled "Warm Mix Asphalt (J-7-0712)" is void and superseded by the following:

Hydrated Lime at 1.25% by weight of virgin aggregate is required for all mixtures.

Paragraph c. (2) of Section 1 of the Special Provision titled "Warm Mix Asphalt (J-7-0712)" is void and superseded by the following:

- (2) For amine based WMA additives, 25% of the additive must be considered an amine based anti-stripping agent. Amine based WMA additives with anti-stripping agents shall be terminal blended by the binder supplier or a system approved by the Flexible Pavements Engineer for application at the plant. For all other warm mix technologies hydrated lime shall be added at a minimum rate of 1.25% by weight of virgin aggregate, including the weight of limestone. Hydrated Lime shall not be used on Level II WMA mixtures when the WMA additive is an Amine based additive or when the Amine WMA additives are used in combination with Level I water injection. The minimum dosage rate for amine based WMA additives shall be 0.7%. The dosage rate of anti-strip shall not exceed manufacturer's recommendations.

**HYDRATED LIME FOR ASPHALT MIXTURES
HYDRATED LIME SLURRY FOR ASPHALT MIXTURES**

The third paragraph in Section 3 of the Special Provision titled “Hydrated Lime for Asphalt Mixtures (J-12-0510)” ***and*** the single paragraph in Section 3 of the Special Provision titled “Hydrated Lime Slurry for Asphalt Mixtures (J-12-0909)” are void and superseded by the following paragraph:

Hydrated Lime shall be added at a minimum rate of 1.25 percent by weight of all virgin aggregate, including the weight of the limestone. Additional hydrated lime may be required for the mix to meet the Tensile Strength Ratio (TSR) of at least 80% in accordance with AASHTO T 283, on mix design and/or field production samples.

DEPARTMENT OF ROADS

Original Signed by Kendall Stege

For Claude Oie
Construction Engineer

Issued: October 29, 2012

CO: 605AD111

NOTICE: Only the contractors issued bidding proposals receive this addendum and responsibility for notifying any potential subcontractors or suppliers remains with the contractor.