

STATE OF NEBRASKA
DEPARTMENT OF ROADS
ADDENDUM NO. 1
PROJECT NO. STPD-75-4(103)
CONTROL NO. 30848A
CALL ORDER 300
US-75, EAST OF WINNEBAGO
LETTING DATE: OCTOBER 4, 2007

On page 85 of the Special Provisions, in the provision titled **TEMPORARY SURFACING 205 mm**, the first sentence of the fourth paragraph is amended to read:

At the Contractor's option, the surfacing may be constructed using Class "BX-20" Concrete, Asphaltic Concrete Type SP4 or Asphaltic Concrete Type SPL.

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The Special Provisions are amended to include the following:

**ASPHALTIC CONCRETE, TYPE SPL
(J-18-0307)**

Asphaltic Concrete, Type SPL shall conform to the AASHTO T 245 test for a 50 blow mix criteria.

Section 1028 in the Standard Specifications is amended to include Asphaltic Concrete, Type SPL.

The following Subsections of the Standard Specifications are void: 1028.01 2.c.(2), 3.b., 1033.02 4.a.(1) and Tables 1033.04A & B.

Subsections 1028.01 4.i. (3) (II) and 1028.03 4.g. (3) in the Standard Specifications are amended to include the Marshall Stability and Flow Test.

Table 1028.19 of Subsection 1028.03 is amended to include the following:

Production Tolerances	
Stability	-25 below minimum of 230

Paragraph 6. of Subsection 1028.03 in the Standard Specifications is amended to include the following:

The Contractor's sample testing of laboratory air voids, aggregate gradation, compacted in place density, and Marshall stability and flow shall be verified by comparison to Department acceptance tests.

Paragraph 7.a. of Subsection 1028.03 is amended to include Type SPL.

Paragraph 8. of Subsection 1028.03 is void.

Table 1028.21 of Subsection 1028.03 is void.

The Contractor may approach the State with a proposal to supplement the virgin aggregates of the asphaltic concrete mix with a Contractor specified percentage of recycled asphalt pavement (RAP). The State may accept or reject the proposal based on whether the mix design meets the specified criteria of the asphaltic concrete proposed. The RAP may come from the project or an existing stockpile. The Contractor is responsible for investigating the quality of the RAP material.

The Fine Aggregate Angularity (FAA) value of the blended aggregate material shall be a minimum of 43. The specific gravity for calculation of the FAA shall be based on material passing the No. 8 (2.36 mm) sieve and retained on the No. 100 (150 µm) sieve.

The Coarse Aggregate Angularity (CAA) value of the blended aggregate material shall be a minimum of 83.

The blended aggregate shall conform to the gradation requirements specified below:

Gradation Control Points for Type SPL

English (Metric) Sieve	Control Points (Percent Passing)	
	Min.	Max.
1 inch (25 mm)	100.0	
3/4 inch (19 mm)	98.0	100.0
3/8 inch (9.5 mm)	81.0	89.0
No. 8 (2.36 mm)	46.0	56.0
No. 50 (300 µm)	15.0	21.0
*No. 200 (75 µm)	4.0	8.0

* This requirement is based on a specific gravity range of 2.55 to 2.75 for the material passing the No. 200 (75 µm) sieve. For specific gravities outside the limits shown, the range may be adjusted by the Materials and Research Engineer to maintain an equivalent volume of material passing the No. 200 (75 µm) sieve.

The plasticity index of the portion of the combined mineral aggregate passing the No. 200 (75 µm) sieve of the materials submitted for experimental bituminous mixtures shall not exceed six for approval of the mixture design.

The target field air voids shall be 2 percent. Field control target air voids shall be 2 percent plus or minus one percent, based on the moving average of four tests.

The bituminous mixture shall also have a Marshall Stability and Flow values required to produce a Bearing Capacity of no less than 230 psi, as defined by the equation:

$$\text{Bearing Capacity} = \frac{\text{Stability}}{\text{Flow}} \times \frac{(120 - \text{Flow})}{100}$$

Note: Stability in lbs.
Flow in 1/100 in.

Mineral aggregates shall comply with the quality requirements of Paragraph 4. of Subsection 1033.02 for mineral aggregate other than crushed rock for asphaltic concrete.

DEPARTMENT OF ROADS



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