

STATE OF NEBRASKA  
DEPARTMENT OF ROADS  
ADDENDUM NO. 1  
AND  
ELECTRONIC BIDDING SYSTEM  
AMENDMENT NO. 1  
PROJECT NO. SRR-26(8)  
CONTROL NO. 31011A  
CALL ORDER N10  
PONCA STATE PARK  
LETTING DATE: DECEMBER 19, 2002

The Schedule of Items for Group 9 is amended as follows:

1. The bid item "Asphaltic Concrete For Patching, Type SP2(0.5)" has been removed as a bid item.
2. The bid item "Asphaltic Concrete, Type SP2(0.5)" has been removed as a bid item.
3. The bid item "Asphaltic Concrete For Patching, Type SPL" has been added with a quantity 100.000 Ton.
4. The bid item "Asphaltic Concrete, Type SPL" has been added with a quantity of 36,660.000 Ton.

The EBS generated bid items sheet must show these corrections or the bid will be considered void.

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On page 22 of the Special Provisions, the provision titled SUPERPAVE ASPHALTIC CONCRETE is void.

\* \* \* \* \*

The Special Provisions are amended to include the following:

**ASPHALTIC CONCRETE, TYPE SPL**

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

Section 1028 in the 1997 English Edition of the Standard Specifications is amended to include Asphaltic Concrete, Type SPL.

The following subsections in the 1997 English Edition of the Standard Specifications are void: 503.02 6., 7.a.b., 8., 503.04 5.c.(3) (4) (5) (6) and (7), 1028.01, 2.d.(3)(vii), 3., 4., 5.i.(ii) (iv), 1028.02 3., 4.a., 5.a.b., Table 1028.02 (Asphalt Content), 1028.02 6.f.(8) and (9), 1033.02 4.a.(1), and Table 1033.04A & B.

Subsections 1028.01 5.i. (3) (II) (IX) and 1028.02 6.h. (3) (vii) in the 1997 English Edition of the Standard Specifications are amended to include the Marshall Stability and Flow Test.

Paragraph 8.a. of Subsection 1028.02 in the 1997 English Edition of the Standard Specifications is void and superseded by the following:

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

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 combined mineral aggregate for Asphaltic Concrete, Type SPL, shall be composed of not less than 30 percent crushed rock, crushed mineral aggregates which contain no more than 20 percent naturally occurring fine aggregate retained on the No. 10 sieve and mineral filler if needed. The target field air voids shall be 2 percent. The gradation of the individual components shall be such that a mix design meeting the target value requirements shown below can be established.

#### RANGE FOR TARGET VALUES

SIEVE SIZE	PERCENT PASSING	
	Min.	Max.
No. 10	48.0	54.0
No. 50	15.0	21.0
*No. 200	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 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 sieve.

Field control target air voids shall consist of a maximum equal to the target plus one percent and a minimum equal to the target minus one percent, based on the moving average of four tests.

In addition to the above requirements, the gradation of the combined mineral aggregate proposed for use shall have 100 percent passing the one-inch sieve, 98 percent or more

passing the 3/4-inch sieve, 81 percent to 89 percent passing the 3/8-inch sieve and the plasticity index of the portion of the combined mineral aggregate passing the No. 200 sieve of the materials submitted for experimental bituminous mixtures shall not exceed six for approval of the mixture design.

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.

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On plan sheet 2-T, the following changes are made:

1. All references to "Asphaltic Concrete, Type SP2" are amended to read "Asphaltic Concrete, Type SPL".
2. In the middle typical cross-section titled "Overlay Section", the "3" Asphaltic Concrete" note is amended to read:

3" Asphaltic Concrete, Type SPL  
(Width Varies 20' – 22', may be wider thru curves)

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Upon execution of the contract, the plans will be revised to reflect these changes.

DEPARTMENT OF ROADS

Claude Oie  
Construction Engineer

Issued: December 17, 2002

CO:CH:N10AD112

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