

STATE OF NEBRASKA
DEPARTMENT OF ROADS
ADDENDUM NO. 1
PROJECT NO. HSIP-50-2(133)
CONTROL NO. 22426
CALL NO. 215
N-50/GILES ROAD
LETTING DATE: MAY 13, 2010

On page 47 of the Special Provisions, the Specification titled FOUNDATION COURSE 4” is void and superseded by the following.

FOUNDATION COURSE 4”

The Contractor shall have the option of using either Aggregate Foundation Course-D, Crushed Concrete Foundation Course or Bituminous Foundation Course; and the Contractor shall bid the pay item “Foundation Course” accordingly.

These different foundation courses may be used interchangeably throughout the project, with the exception being that the same type of foundation course shall be used across the entire width of a pavement section to provide uniform drainage across that template. The Contractor shall make every attempt to use the same type of foundation in long paving runs and any changes in foundation course type shall be approved by the Engineer.

Regardless of the type of material used it shall be obtained from Contractor sources.

Regardless of the type of material used it shall be measured and paid for as Foundation Course 4”.

Method Of Measurement

Foundation Course shall be measured as prescribed in Paragraph 3 of subsection 307.04.

Basis of Payment

Amend Subsection 307.05 of the Standard Specifications to include the following:

1. Pay Item	Pay Unit
Foundation Course	Square Yard

* * * * *

The Special Provisions are amended to include the following:

**BITUMINOUS FOUNDATION COURSE
(C-2-0708)**

Paragraph 2.b. of Subsection 307.02 in the Standard Specifications is void and superseded by the following:

2.b. All salvaged bituminous material must be less than 3 inches (75 mm) in maximum dimension and shall not contain more than 5 percent by weight of material retained on a 2-inch (50 mm) sieve just prior to its use.

(1) Contractor Production

- (i) All salvaged bituminous material produced by the Contractor from pavement removal or by cold milling material from the existing pavement structure on the project, whether hauled directly to the site of use or temporarily stockpiled, shall be screened to meet the requirements of Paragraph 2.b.
- (ii) If, after screening, there is insufficient material to produce the plan quantity, the Engineer may order the oversized salvaged bituminous material to be further processed at no cost to the State prior to delivery to the roadway. Processing shall mean crushing, pulverizing, re-screening, or a combination of these methods.
- (iii) On projects that allow multiple foundation course materials to be used, the Engineer may direct that the remaining salvaged bituminous material continue to be placed for bituminous foundation course to the extent this material is available and can be utilized on the project.
- (iv) Unless otherwise shown in the plans or special provisions, all Contractor produced salvaged bituminous material including oversized remaining at the end of the bituminous foundation course operation shall become the property of the Contractor and removed from the project.

(2) State Provided Stockpiles

- (i) If the salvaged bituminous material is to be obtained from existing stockpiles described in the special provisions or the plans, the salvaged bituminous material shall be screened to meet the requirements of Paragraph 2.b. prior to delivery to the roadway. Any oversized bituminous material remaining from the screening operation shall remain the property of the State.
- (ii) If, after screening, there is insufficient material to produce the plan quantity, the Engineer may order the oversized bituminous material to be further processed prior to the delivery to the roadway. Processing shall mean crushing, pulverizing, re-screening, or a combination of these methods.

Paragraph 2.b.(3) of Subsection 307.03 is void and superseded by the following:

- (3) The Department shall monitor the rolling pattern with a nuclear density gauge, testing and recording the density every ½ mile (0.8 km). Additional testing of separately placed irregular areas shall be performed as directed by the Engineer.

Paragraph 2.b.(5) of Subsection 307.03 is void.

Method of Measurement

Subsection 307.04 is amended to include the following:

- 4.a. Screening of salvaged bituminous material will not be measured for payment.
- b. Processing of Contractor produced salvaged bituminous material, ordered by the Engineer, which contains excessive oversized material due to the Contractors production methods, will not be measured for payment.

Basis of Payment

Paragraph 6. of Subsection 307.05 is void and superseded by the following:

6. Screening of salvaged bituminous material shall be considered subsidiary to the bituminous foundation course item.
7. Processing of salvaged bituminous material, ordered by the Engineer, which contains excessive oversize material due to the Contractors production methods, shall be considered subsidiary to the bituminous foundation course item.
8. If the Contractor is required to reprocess the oversized bituminous material from State stockpiles, the work of reprocessing will be paid for as "extra work".
9. Payment is full compensation for all work prescribed in this Section.

CRUSHED CONCRETE FOUNDATION COURSE (C-4-1109)

Section 307 of the Standard Specifications is amended to include the following:

All samples, including field samples, will be washed sieve. All samples will be taken from the project grade prior to spreading and trimming. Material represented by samples with 15 percent or more passing the No. 200 (75 µm) sieve will be subject to removal.

Paragraphs 3.b and 3.c. of Subsection 307.02 of the Standard Specifications are void.

Paragraph 3.d. of Subsection 307.02 of the Standard Specifications is void and superseded by the following:

The crushed concrete gradation shall be determined as prescribed in NDR T 27 (washed test). The gradation requirement for the crushed concrete foundation course is shown below:

Crushed Concrete Foundation Course Gradation Requirements	
Sieve Size	(Percent Passing)
1½ inch (37.5 mm)	100 minimum
¾ inch (19.0 mm)	80 maximum
No. 4 (4.75 mm)	20 to 45
No. 200 (75 µm)	0 to 8

Paragraph 3.a. of Subsection 307.03 of the Standard Specifications is amended to include the following:

- a. (1) The Contractor shall roll the crushed concrete foundation course until no further compaction can be obtained and all roller marks are eliminated.
- (2) The Department will establish a rolling pattern for the project and set a density range.
- (3) The Department shall monitor the rolling pattern with a nuclear density gauge, testing and recording the density every 1/2 mile (0.8 km). Additional testing of separately placed irregular areas shall be performed as directed by the Engineer.
- (4) The Contractor shall take immediate action to correct the foundation course density if any density measurements are outside of the specified range.

* * * * *

DEPARTMENT OF ROADS

Original Signed by Kendall Stege

for Claude Oie
Construction Engineer

Issued: May 11, 2010

CO:215AD105

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