Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

November 14, 2013

Chad Thompson
Programs Operations Engineer
Federal Highway Administration
545 John Knox Road, Suite 200
Tallahassee, Florida 32303

Re: State Specifications and Estimates Office
Section **200**
Proposed Specification: **2000200 Rock Base.**

Dear Mr. Thompson:

We are submitting, for your approval, two copies of the above referenced Supplemental Specification.

These changes were proposed by Ben Watson of the State Materials Office to allow the use of existing rock for base provided it meets the requirements.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to SP965DS or daniel.scheer@dot.state.fl.us.

If you have any questions relating to this specification change, please call me at 414-4130.

Sincerely,

Daniel Scheer, P.E.
State Specifications Engineer

DS/cah
Attachment
cc: Florida Transportation Builders' Assoc.
State Construction Engineer

ROCK BASE.

(REV *11~~7~~-14~~29~~*-13)

ARTICLE 200-2 is deleted and the following substituted:

200-2 Materials.

200-2.1 General: Meet the requirements of either Section 911, 913, 913A or 915 for the particular type of base to be constructed. The Contractor may use more than one source of base rock on a single Contract provided that a single source is used throughout the entire width and depth of a section of base. Obtain approval from the Engineer before placing material from more than one source. Place material to ensure total thickness single source integrity at any station location of the base. Intermittent placement or "blending" of sources is not permitted. Base rock may be referred to hereinafter as "rock".

The reuse of existing base may be considered provided it meets the requirements stated herein. Submit as a Cost Saving Initiative Proposal in accordance with 4-3.9.

200-2.2 Existing Rock: *Meet the following requirements for use of existing rock on the same project:*

1. Notify the Engineer in writing prior to excavating existing rock.

2. Submit a process control plan, herein this subarticle referred to as "Plan", consisting of:

a. Locations where existing rock will be removed from the roadway.

b. Locations where existing rock will be used for new construction.

c. Method of excavation, transport, and placement to ensure the excavated rock will be kept separate from other approved stockpiles. Excavation methods that may result in damage to the rock that renders it unfit to be used as base will not be approved.

d. Proposed measures to prevent contamination and segregation.

e. Proposed locations and methods for constructing stockpiles for sampling and testing.

f. Method for sampling and reporting test results.

3. The Engineer will coordinate its review of the Plan with the District Materials Office.

4. Upon the Engineer's approval of the Plan, build a preliminary stockpile not to exceed 1,000 cubic yards.

5. Collect and test a minimum of three samples from the preliminary stockpile. Once the stockpile has been sampled do not add any more material to the stockpile. Determine compliance with 200-2.1, with the exception of carbonate contents and in addition, reject any stockpile if a Limerock Bearing Ratio is less than 100. The District Materials Office will sample and test the preliminary stockpile to verify compliance with this section.

6. If all test results meet the requirements of this section, the Engineer will notify the Contractor in writing of the approval status of the preliminary stockpile based on the analysis of test data performed by the District Materials Office.

7. If the use of existing rock is approved, continue to produce additional stockpiles not to exceed 1,000 cubic yards. Ensure rock meets the requirements of this section by sampling and testing each new stockpile at a minimum frequency of 1 sample per 400 cubic yards. Once a stockpile(s) has been sampled do not add any more material to the existing stockpile(s). The District Materials Office may also perform sampling and testing. Material will be accepted if test results meet the requirements of this section.

8. When 10 consecutive QC Limerock Bearing Ratio (LBR) test results meet the requirements of this section and no individual LBR test result is less than 120, the sampling and testing frequency may be reduced to a minimum frequency of 1 sample per 800 cubic yards for each new stockpile. Notify the Engineer in writing prior to beginning reduced frequency. If any QC LBR test result falls below 120, or a stockpile is rejected, revert back to the original sampling and testing frequency of one sample per 400 cubic yards.

9~~8~~. Construct a new preliminary stockpile if there is a change in material, any condition not addressed in the Plan is encountered, or production varies from the approved Plan.~~Do not use any of the existing base that is removed to construct the new base.~~

ARTICLE 200-11 is deleted and the following substituted:

200-11 Basis of Payment.

Price and payment will be full compensation for all the work specified in this Section, including correcting all defective surface and deficient thickness, removing cracks and checks as provided in 200-6.4.2, the prime coat application as directed in 300-8, and the additional rock required for crack elimination. ~~*The reuse of existing base may be considered provided it meets the requirements stated above and shall be submitted as a Cost Savings Initiative Proposal in accordance with 4-3.9.*~~

Payment shall be made under:

Item No. 285- 7- Optional Base - per square yard.

ROCK BASE.
(REV 11-14-13)

ARTICLE 200-2 is deleted and the following substituted:

200-2 Materials.

200-2.1 General: Meet the requirements of either Section 911, 913, 913A or 915 for the particular type of base to be constructed. The Contractor may use more than one source of base rock on a single Contract provided that a single source is used throughout the entire width and depth of a section of base. Obtain approval from the Engineer before placing material from more than one source. Place material to ensure total thickness single source integrity at any station location of the base. Intermittent placement or "blending" of sources is not permitted. Base rock may be referred to hereinafter as "rock".

The reuse of existing base may be considered provided it meets the requirements stated herein. Submit as a Cost Saving Initiative Proposal in accordance with 4-3.9.

200-2.2 Existing Rock: Meet the following requirements for use of existing rock on the same project:

1. Notify the Engineer in writing prior to excavating existing rock.
2. Submit a process control plan, herein this subarticle referred to as "Plan", consisting of:
   a. Locations where existing rock will be removed from the roadway.
   b. Locations where existing rock will be used for new construction.
   c. Method of excavation, transport, and placement to ensure the excavated rock will be kept separate from other approved stockpiles. Excavation methods that may result in damage to the rock that renders it unfit to be used as base will not be approved.
   d. Proposed measures to prevent contamination and segregation.
   e. Proposed locations and methods for constructing stockpiles for sampling and testing.
   f. Method for sampling and reporting test results.
3. The Engineer will coordinate its review of the Plan with the District Materials Office.
4. Upon the Engineer's approval of the Plan, build a preliminary stockpile not to exceed 1,000 cubic yards.
5. Collect and test a minimum of three samples from the preliminary stockpile. Once the stockpile has been sampled do not add any more material to the stockpile. Determine compliance with 200-2.1, with the exception of carbonate contents and in addition, reject any stockpile if a Limerock Bearing Ratio is less than 100. The District Materials Office will sample and test the preliminary stockpile to verify compliance with this section.
6. If all test results meet the requirements of this section, the Engineer will notify the Contractor in writing of the approval status of the preliminary stockpile based on the analysis of test data performed by the District Materials Office.

7. If the use of existing rock is approved, continue to produce additional stockpiles not to exceed 1,000 cubic yards. Ensure rock meets the requirements of this section by sampling and testing each new stockpile at a minimum frequency of 1 sample per 400 cubic yards. Once a stockpile(s) has been sampled do not add any more material to the existing stockpile(s). The District Materials Office may also perform sampling and testing. Material will be accepted if test results meet the requirements of this section.

8. When 10 consecutive QC Limerock Bearing Ratio (LBR) test results meet the requirements of this section and no individual LBR test result is less than 120, the sampling and testing frequency may be reduced to a minimum frequency of 1 sample per 800 cubic yards for each new stockpile. Notify the Engineer in writing prior to beginning reduced frequency. If any QC LBR test result falls below 120, or a stockpile is rejected, revert back to the original sampling and testing frequency of one sample per 400 cubic yards.

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Payment shall be made under:

Item No. 285- 7- Optional Base - per square yard.