

ORINATION FORM

Date: July 22, 2013

Originator: Ben Watson

Contact Information: ben.watson@dot.state.fl.us

352-955-2935

Specification Title: **Rock Base**

Specification Section, Article, or Subarticle Number: **200**

Why does the existing language need to be changed? **The Specifications need to allow the use of existing rock for base provided it meets the requirements**

Summary of the changes: **A process is written into the specifications to collect rock base from the existing roadway for incorporation into base. Payment is addressed by “cost savings initiative”**

Are these changes applicable to all Department jobs? **Yes**

If not, what are the restrictions?

Will these changes result in an increase or decrease in project costs? **Project Costs should decrease when this option is used**

If yes, what is the estimated change in costs? **This will be a negotiated settlement.**

With who have you discussed these changes? **Tim Ruelke, David Sadler**

What other offices will be impacted by these changes?

Are changes needed to the PPM, Design Standards, SDG, CPAM or other manual? **No changes are anticipated.**

Is a Design Bulletin, Construction Memo, or Estimates Bulletin needed? **No**

Contact the State Specifications Office for assistance in completing this form.

Trey Tillander 850-414-4140 trey.tillander@dot.state.fl.us

Frances Thomas 850-414-4101 frances.thomas@dot.state.fl.us

Debbie Toole 850-414-4114 deborah.toole@dot.state.fl.us

Andy Harper 850-414-4127 clifton.harper@dot.state.fl.us



Florida Department of Transportation

RICK SCOTT
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.
SECRETARY

MEMORANDUM

DATE: September 24, 2013
TO: Specification Review Distribution List
FROM: Daniel Scheer, P.E., State Specifications Engineer
SUBJECT: Proposed Specification: **2000200 Rock Base.**

In accordance with Specification Development Procedures, we are sending you a copy of a proposed specification change.

This change was proposed by Ben Watson of the State Materials Office to allow the use of existing rock for base provided it meets the requirements.

Please share this proposal with others within your responsibility. Review comments are due within four weeks and should be sent to Mail Station 75 or to my attention via e-mail at SP965DS, or daniel.scheer@dot.state.fl.us. Comments received after **October 23, 2013**, may not be considered. Your input is encouraged.

DS/cah
Attachment

ROCK BASE.
(REV 7-29-13)

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”.

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. 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.