

ORIGINATION FORM
Proposed Revisions to the Specifications

Date:

Specification Section:

Originator:

Articles/Subarticles:

Telephone:

email:

Why does the existing language need to be changed?

Summary of the changes:

Are these changes applicable to all Department jobs? Yes No
If not, what are the restrictions?

Will these changes result in an increase or decrease in project costs? Yes No
If yes, what is the estimated change in costs?

With who have you discussed these changes?

What other offices will be impacted by these changes?

Will this revision necessitate changes to the following: BOE PPM SDG CPAM

Design Standards List Affected Index Nos.

Other manual?

Are all references to external publications current? Yes No
If not, what references need to be updated (please include changes in the redline)?

Will this revision necessitate any of the following:

Design Bulletin

Construction Bulletin

Estimates Bulletin

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

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ANANTH PRASAD, P.E.
SECRETARY

MEMORANDUM

DATE: November 26, 2014
TO: Specification Review Distribution List
FROM: Daniel Scheer, P.E., State Specifications Engineer
SUBJECT: Proposed Specification: **2900000 Granular Subbase.**

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

This change was proposed by John Shoucair of the State Materials Office (SMO) to delete references to Sections 913, 913A and 915. The language in these Sections will be moved to Section 911 and the Sections deleted. Also, material and construction requirements for recycled concrete aggregate (RCA), currently in SP2040000, will be incorporated in Section 911 and Section 200, respectively. SP2040000 will be deleted.

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 online at <http://www2.dot.state.fl.us/SpecificationsEstimates/Development/IndustryReview.aspx> . Comments received after **December 24, 2014**, may not be considered. Your input is encouraged.

DS/dt
Attachment

GRANULAR SUBBASE.
(REV 11-4-14)

SECTION 290 is deleted and the following substituted:

SECTION 290
GRANULAR SUBBASE

290-1 Description.

Construct a granular subbase as a component of an optional base.

290-2 Materials.

Select one of the materials listed below and conform to the following requirements:

Graded Aggregate	204-2
Limerock	Section 911
Bank Run Shell <i>Base</i>	Section 913 <i>1</i>
Shell Rock	Section 913 <i>A1</i>
Cemented Coquina.....	Section 915 <i>1</i>
<i>Recycled Concrete Aggregate (RCA)*</i>	<i>Section 911</i>

**Do not use on interstate roadways.*

290-3 Construction Methods.

For the subbase material selected, construct the subbase in conformance with the following:

Limerock	Section 200
Bank Run Shell	Section 200
Shell Rock	Section 200
Cemented Coquina.....	Section 200
<i>Recycled Concrete Aggregate (RCA)*</i>	<i>Section 200</i>
Graded Aggregate	Section 204

**Do not use on interstate roadways.*

Straightedge and hard-planing provisions will not apply. Compact the subbase to a minimum of 98% of the maximum density as determined under AASHTO FM 1 T-180, Method D. Priming is not required.

When Granular Subbase is substituted for Subgrade on shoulders, achieve a minimum of 95% density of the maximum density as determined under AASHTO FM 1 T-180, Method D.

290-4 Thickness Requirements.

290-4.1 General: Do not substitute granular subbase materials in excess of the tolerance specified for the asphalt portion of the optional base.

290-4.2 Measurements: When the Department is ready to measure the finished subbase, provide the coring equipment and the operator and include this in the unit price for optional base. The Engineer will select the coring locations and make the acceptance measurements. Thickness measurements will be taken through 3 inch diameter holes. For subbase areas greater than 1,000 yd², the minimum frequency of measurement will be one per 200 feet of roadway. For

smaller subbase areas, the minimum frequency of measurement will be one per 500 yd² of subbase.

290-4.3 Maximum Allowable Thickness: The maximum allowable thickness of the subbase is 4 1/4 inches. Remove and replace areas of subbase exceeding the maximum allowable thickness.

290-4.4 Minimum Allowable Thickness: The minimum allowable thickness of the subbase is 3 1/2 inches. Remove and replace areas not meeting the minimum allowable thickness. If authorized by the Engineer, additional asphalt may be substituted to achieve the full combined optional base thickness.