



## Florida Department of Transportation

RICK SCOTT  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

ANANTH PRASAD, P.E.  
SECRETARY

November 27, 2012

Monica Gourdine  
Program Operations Engineer  
Federal Highway Administration  
545 John Knox Road, Suite 200  
Tallahassee, Florida 32303

Re: Office of Design, Specifications  
Section **530**  
Proposed Specification: **5300202 Riprap.**

Dear Ms. Gourdine:

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

These changes were proposed by Rick Renna of the State Roadway Design Office to ensure that local, sound material is available for use on medium and low energy waterways.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to SP965TT or [trey.tillander@dot.state.fl.us](mailto:trey.tillander@dot.state.fl.us).

If you have any questions relating to this specification change, please call me at 414-4140.

Sincerely,

V. Y. "Trey" Tillander, III, P.E.  
State Specifications Engineer

TT/cah

Attachment

cc: Florida Transportation Builders' Assoc.  
State Construction Engineer

**RIPRAP.**

**(REV 10-18-12)**

SUBARTICLE 530-2.2.1 (Page 690) is deleted and the following substituted:

**530-2.2.1 Rubble (Bank and Shore Protection):** Provide sound, hard, durable rubble, free of open or incipient cracks, soft seams, or other structural defects, consisting of broken stone with a bulk specific gravity of at least 2.320. Ensure that stones are rough and angular.

For this application, use broken stone meeting the following gradation and thickness requirements:

Weight Maximum Pounds	Weight 50% Pounds	Weight Minimum Pounds	Minimum Blanket Thickness in Feet
6700	30290	60	2.5
Ensure that at least 97% of the material by weight is smaller than Weight Maximum pounds]. Ensure that at least 50% of the material by weight is greater than Weight 50% pounds]. Ensure that at least 85% of the material by weight is greater than Weight Minimum pounds.			

**RIPRAP.**

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Ensure that at least 97% of the material by weight is smaller than Weight Maximum pounds].  
Ensure that at least 50% of the material by weight is greater than Weight 50% pounds].  
Ensure that at least 85% of the material by weight is greater than Weight Minimum pounds.