



*Florida Department of Transportation*

RON DESANTIS  
GOVERNOR

605 Suwannee Street  
Tallahassee, FL 32399-0450

KEVIN J. THIBAUT, P.E.  
SECRETARY

May 18, 2021

**DCE MEMORANDUM NO. 21-06**  
**MATERIALS BULLETIN NO. 21-04**  
*(FHWA Approved 04/14/2021)*

**TO: DISTRICT CONSTRUCTION ENGINEERS**  
**DISTRICT MATERIALS AND RESEARCH ENGINEERS**

**FROM:** Dan Hurtado, P.E., Director, Office of Construction  
Timothy Ruelke, P.E., Director, Office of Materials

DocuSigned by:  
*Dan Hurtado*  
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DocuSigned by:  
*Howard Moseley*  
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**COPIES:** Will Watts, Scott Arnold, Ananth Prasad, Mark Musselman, Chad Thompson,  
Steve Deppmeier

**SUBJECT: SPECIFICATION 334 REVISION (SUPERPAVE ASPHALT CONCRETE)**

The Department has revised Standard Specification **Section 334 Superpave Asphalt Concrete** to change the allowable percentage of RAP used for structural mixtures containing polymer modified asphalt binder (PG 76-22). Prior to this change, the amount of RAP was limited to 20% but can now be increased to a maximum of 30% depending on the properties of the RAP.

The revised language was implemented in the January 2021 Standard Specifications, which is also included in the attachment below.

**This memorandum serves as blanket approval to process a \$0.00 contract change to incorporate the above referenced revision and should be attached to the Work Order or Supplemental Agreement.**

Should you have any questions, please contact Howie Moseley (352) 955-2905 or Greg Sholar (352) 955-2920.

DH/TR/gs  
Attachment

**334-2.3.6 Allowable RAP Percentages for Type SP Structural Mixtures with PG 76-22 Asphalt Binder:** For Type SP structural mixtures using PG 76-22 asphalt binder, select the percentage of RAP material based on Table 334-3.

Table 334-3 Allowable RAP Percentages <sup>1</sup> in Type SP Structural Mixtures with PG 76-22 Asphalt Binder					
Gradation <sup>2</sup> % Passing #16 Sieve		Coarse RAP ≤ 40%	Intermediate RAP > 40% to ≤ 50%	Fine RAP > 50%	
PG <sub>HT</sub> <sup>3</sup> > 100.0° C	Allowable RAP Percentage	≤ 25%	≤ 20%	≤ 20%	
PG <sub>HT</sub> <sup>3</sup> ≤ 100.0° C		≤ 30%	≤ 25%		
Notes:					
1. RAP aggregate by weight of total aggregate or RAP binder by weight of total binder.					
2. RAP gradations based on ignition oven extraction of RAP material in accordance with FM 5-563.					
3. PG <sub>HT</sub> : asphalt binder high temperature continuous performance grade of RAP in accordance with Section 916.					



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**SECRETARY**

**MEMORANDUM**

**DATE:** May 10, 2021

**TO:** Bouzid Choubane, David Horhota, Howard Mosely, John Petty, Awilda Merced,  
Chase Knight, Jose Armenteros

**FROM:** Timothy Ruelke, P.E. Director, Office of Materials

A handwritten signature in blue ink, appearing to read "Timothy Ruelke", is written over the "FROM:" line of the memorandum.

**SUBJECT:** Delegation of Signature Authority

During my absence May 17<sup>th</sup> – 21<sup>st</sup>, 2021, Howard Moseley has full signature authority. This authorization includes all documents requiring the signature of the Director, Office of Materials. The delegate will sign his own name for the Director.

TR/am