

Origination Form

Specifications

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|---------------|--------------------------------|------------------------------|-------------------------------|
| Name: | Richard Hewitt | Specification Number: | 234-8.2 Spread Rate Tolerance |
| Email: | richard.hewitt@dot.state.fl.us | Associated Specs: | None |
| Date: | 2024-05-08T13:51:59Z | Verified: | VERIFIED |

Summary:

Changing allowable spread rate tolerance from 5% to 10% to match pay quantity tolerance.

Justification:

To make spread rate tolerance match pay quantity tolerance.

Do the changes affect other types of specifications?

Neither

List Specifications Affected:

| Other Affected Documents/Offices | Contacted | Yes/No |
|----------------------------------|-----------|--------|
| Other Standard Plans | | No |
| Florida Design Manual | | No |
| Structures Manual | | No |
| Basis of Estimates Manual | | No |
| Approved Product List | | No |
| Construction Office | | No |
| Maintenance Office | | No |
| Materials Manual | | No |
| Traffic Engineering Manual | | No |

Are changes in line with promoting and making progress on improving safety, enhancing mobility, inspiring innovation, and fostering talent; explain how?

Helps ensure quality asphalt paving by providing reasonable spread rate tolerances that are consistent with other spread rate tolerances.

What financial impact does the change have; project costs, pay item structure, or consultant fees?

None, this is a change to allowable spread rates.

What impact does the change have on production or construction schedules?

None anticipated.

How does this change improve efficiency or quality?

Allows contractors to pave normally, without being stopped (and creating more transverse joints) simply because they were 5% out on spread rate tolerance.

Which FDOT offices does the change impact?

Construction

What is the impact to districts with this change?

Makes RAP Base consistent with other asphalt spread rate tolerances, so should simplify operations and oversight.

Does the change shift risk and to who?

No shift in risk.

Provide summary and resolution of any outstanding comments from the districts or industry.

Comments and Responses are available on the Track the Status of Revisions hyperlink located on the Specifications landing page: <https://www.fdot.gov/programmanagement/Specs.shtm>

What is the communication plan?

Through the established specification revision process (e.g., Internal and Industry Review)

What is the schedule for implementation?

The Standard Specifications eBook and Workbook are effective July 1st every year.

SUPERPAVE ASPHALT BASE.
(REV 5-8-24)

SUBARTICLE 234-2.1 is deleted and the following substituted:

234-2.1 General: ~~Use materials that conform to the requirements of Division III. Specific references are as follows:~~ Meet the following requirements:

Tack Coat*.....Section 300

Superpave PG Asphalt BinderSection 916

Coarse Aggregate, Stone, Slag or

Crushed GravelSection 901

Fine Aggregate.....Section 902

*Use products on the Department’s Approved Product List (APL).

SUBARTICLE 234-8.2 is deleted and the following substituted:

234-8.2 Spread Rate Tolerance: Control the average spread rate on a daily basis to within plus or minus 510% of the target spread rate for the individual layers established by the Engineer. When the average daily spread rate is outside this tolerance from the target, adjust the spread rate to the required value established by the Engineer. The Engineer will periodically verify the spread rate at the job site during the paving operation.