

Origination Form

Specifications

Submittal Information			
Name:	Mateo Carvajal	Standard Specification Section:	347
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Date:	2026-06-01T14:08:20Z	Associated Specs:	N/A

Summary:

Specific references to spalling and flaking are removed. Broader surface-defect language is added to better capture deficient concrete surface conditions.

Justification:

The current language is too specific and may not capture all unacceptable surface defects. Revised language is needed to encompass conditions such as honeycombing and similar surface deficiencies.

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

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

This change improves clarity by using broader language for surface defects, allowing the specification to address conditions like honeycombing without listing each specific distress type.

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

N/A

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

N/A

How does this change improve efficiency or quality?

This change improves quality and consistency by using broader language for surface defects, giving the Engineer flexibility to address several distresses and reducing disputes over terminology.

Which FDOT offices does the change impact?

State Materials Office

What is the impact to districts with this change?

The change provides clearer and more flexible language for evaluating unacceptable surface defects, which should support more consistent interpretation and enforcement in the field.

Does the change shift risk and to who?

N/A

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/specifications/default.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.

PORTLAND CEMENT CONCRETE - CLASS NS
(REV 6-1-26)

SUBARTICLE 347-4.2 is deleted and the following substituted:

347-4.2 Remedial Action: Delineate, remove to the full depth and width, and replace, at no cost to the Department, concrete that has:

1. Any cracking greater than 1/4 inch in vertical displacement.
2. Any ~~spalling or flaking off~~ surface defects of the surface layer that exposes the rough, pitted aggregate surface ~~surface in excess of~~ over an area exceeding 10 square inches. Repair methods may be used instead of removal and replacement if approved by the Engineer.
3. Any intersecting cracks visible in the hardened concrete (regardless of size) in sidewalk, ditch pavement, slope pavement, traffic separator, or curb and gutter.
4. Any uncontrolled cracks that appear during the life of the Contract unacceptable to the Engineer.