



Florida Department of Transportation

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GOVERNOR

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JARED W. PERDUE, P.E.
SECRETARY

March 19, 2024

This Memo has Expired

DCE MEMORANDUM NO. 24-02
(FHWA Approved: March 19, 2024)

TO: DISTRICT CONSTRUCTION ENGINEERS

FROM: Tim Lattner, P.E., Director, Office of Construction

DocuSigned by:

Tim Lattner

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COPIES: Dan Hurtado, Patrick Overton, Ananth Prasad (FTBA), Jose Ortiz (FHWA)

SUBJECT: RETROACTIVE IMPLEMENTATION OF FY 2024-25 STANDARD SPECIFICATION SECTION 347

The Department has implemented revisions to Section 347 of the FY 2024-25 Standard Specifications, as listed below.

Section 347 – PORTLAND CEMENT CONCRETE – CLASS NS

Changes will provide alternate aggregate sources (commercial sources) outside of the aggregate control program.

Contact: Patrick Overton (850) 414-4273

Revisions to the specification listed above are attached.

If the contractor requests to use any of the above specifications on an existing project, the new Specification may be added to the Contract at no additional cost to the Department.

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

If you have any questions, please contact the State Construction Office at (850) 414-4150.

TL/ac

**PORTLAND CEMENT CONCRETE - CLASS NS.
(REV 8-23-23) (FA 10-11-23) (FY 2024-25)**

ARTICLE 347-1 is deleted and the following substituted:

347-1 Description.

The requirements of this Section are applicable to concrete designated as nonstructural portland cement concrete, (Class NS) hereinafter referred to as concrete. Use concrete composed of a mixture of portland or blended cement, aggregates, water, and where specified chemical admixtures, or supplementary cementitious materials. Deliver concrete to placement site in a freshly mixed, unhardened state. Ensure the concrete is placed and cured in a manner to ensure that the strength and durability of the concrete is maintained.

SUBARTICLE 347-2.1 is deleted and the following substituted:

347-2.1 General: Ensure all materials used in concrete are free from detrimental matter and deleterious reaction.

Meet the following requirements:

- Portland Cement..... Section 921 or ASTM C150
- Blended Cement..... Section 921 or ASTM C595
- Coarse Aggregate* Section 901 or ASTM C33
- Fine Aggregate* Section 902 or ASTM C33
- Water..... Section 923 or ASTM C1602
- Admixtures for Concrete*Section 924
.....or ASTM C494 and ASTM C260
- Supplementary Cementitious Materials..Section 929
.....or ASTM C618 and ASTM C989

* Recycled Asphalt Pavement (RAP) may replace up to 20% of the total aggregate in the design mix. Use RAP from a Department approved stockpile.