



Florida Department of Transportation

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GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS
SECRETARY

October 20, 2009

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

Re: Office of Design, Specifications
Section 346
Proposed Specification: **3460902SL Portland Cement Concrete - Acceptance
Sampling and Testing**

Dear Ms. Gourdine:

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

This is one of several specifications to be implemented as special provisions to be used on Streamline Contracts, defined as projects less than \$2,000,000 and less than 2,000 tons of asphalt. This change was proposed by Tom Malerk of the State Materials Office to reduce the frequency of Verification tests for Streamline Contracts.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to ST986RP or rudy.powell@dot.state.fl.us.

If you have any questions relating to this specification change, please call Rudy Powell, State Specifications Engineer at 414-4280.

Sincerely,

Rudy Powell, Jr., P.E.
State Specifications Engineer

RP/dt

Attachment

cc: Gregory Jones, Chief Civil Litigation
Florida Transportation Builders' Assoc.
State Construction Engineer

PORTLAND CEMENT CONCRETE – ACCEPTANCE SAMPLING AND TESTING
~~**SAMPLING FREQUENCY FOR QUALITY CONTROL TESTS – STREAMLINE CONTRACTS.**~~

(REV *97-1629-09*)

SUBARTICLE 346-9.2 (Pages 334 - 335) is deleted and the following substituted:

346-9.2 Sampling Frequency for Quality Control Tests:

As a minimum, sample and test concrete of each design mix for water to cementitious materials ratio, air content, temperature, slump and compressive strength once per LOT as defined by Table-98. When more than one concrete production facility is used for the same mix design, describe the method of sampling, testing and LOT numbering in the QC Plan. The Engineer will randomly verify one of every ~~four~~ *eight* consecutive LOTs of each design mix based on a random number generator, and may perform additional Independent Verification tests. All QC activities, calculations, and inspections will be randomly confirmed by the Department.

TABLE 98	
Class Concrete	Maximum LOT Size
I	one day's production
I (Pavement)	250 lane ft, or one day's production, whichever is less
<i>II</i> , II (Bridge Deck), III, IV, V (Special), V, VI	50 yd ³ , or one day's production, whichever is less
IV (Drilled Shaft)	50 yd ³ , or two hours between placements, whichever is less
III (Seal)	Each Seal placement

PORTLAND CEMENT CONCRETE – ACCEPTANCE SAMPLING AND TESTING.

(REV 9-16-09)

SUBARTICLE 346-9.2 (Pages 334 - 335) is deleted and the following substituted:

346-9.2 Sampling Frequency for Quality Control Tests:

As a minimum, sample and test concrete of each design mix for water to cementitious materials ratio, air content, temperature, slump and compressive strength once per LOT as defined by Table 8. When more than one concrete production facility is used for the same mix design, describe the method of sampling, testing and LOT numbering in the QC Plan. The Engineer will randomly verify one of every eight consecutive LOTs of each design mix based on a random number generator, and may perform additional Independent Verification tests. All QC activities, calculations, and inspections will be randomly confirmed by the Department.

TABLE 8	
Class Concrete	Maximum LOT Size
I	one day's production
I (Pavement)	250 lane ft, or one day's production, whichever is less
II, II (Bridge Deck), III, IV, V (Special), V, VI	50 yd ³ , or one day's production, whichever is less
IV (Drilled Shaft)	50 yd ³ , or two hours between placements, whichever is less
III (Seal)	Each Seal placement