



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS
SECRETARY

March 19, 2009

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

Re: Office of Design, Specifications
Section 400
Proposed Specification: 4000200, Concrete Structures

Dear Ms. Gourdine:

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

These changes were proposed by Karen Byram to specify those items that are to be included on the Qualified Products List, and to remove certification requirements for the Class 5 Applied Finish Coating.

Please review and transmit your comments, if any, within four 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 414-4110.

Sincerely,

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

RP/dr

Attachment

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

CONCRETE STRUCTURES – MATERIALS.**(REV 2-910-09)**

ARTICLE 400-2 (Page 359) is deleted and the following substituted:

400-2 Materials.

Meet the following requirements:

Concrete	Sections 346 and 347
<i>Penetrant Sealer</i>	<i>Section 413</i>
<i>High Molecular Weight Methacrylate (HMWM)**</i>	<i>Section 413</i>
Reinforcing Steel	Section 415
Water	Section 923
Curing Materials*	Section 925
Epoxy Bonding Compounds**	Sections 926 and 937
Joint Materials**	Section 932
Bearing Pads	<i>Section 932</i>
Non-Shrink Grout**	Section 934
Class 5 Applied Finish Coatings**	Section 975
<i>Galvanizing Compound**</i>	<i>Section 562</i>
<i>Dowel Bar Assembly**</i>	<i>Section 931</i>

*The Engineer will allow clean sand and sawdust for certain curing, when and as specified.

** *Use products listed on the Department's Qualified Products List (QPL).*

SUBARTICLE 400-15.2.6.1 (of the Supplemental Specifications) is deleted and the following substituted:

400-15.2.6.1 General: Place an applied finish coating upon all concrete surfaces where the plans indicate Class 5 Applied Finish Coating. Apply the finish coating after completion of the general surface work specified for all exposed concrete surfaces. ~~Select an Applied Finish Coating from the Departments Qualified Products List meeting the requirements of Section 975.~~

SUBARTICLE 400-15.2.6.6 (of the Supplemental Specifications) is deleted.

~~**400-15.2.6.6 Material Tests and Certification:** Before any portion of any shipment of finish coating is applied on the project, furnish the Engineer with a certificate from the manufacturer attesting that the commercial product furnished conforms to the same formula as that previously subjected to the tests specified in Section 975. In addition, submit the following product analysis, obtained from the manufacturer, for each batch of the material used:~~

- ~~_____ (a) Weight per gallon.~~
- ~~_____ (b) Consistency (Krebs Units).~~
- ~~_____ (c) Weight percent pigment.~~
- ~~_____ (d) Weight percent vehicle solids.~~
- ~~_____ (e) Infra red spectra of vehicle solution.~~

CONCRETE STRUCTURES – MATERIALS.
(REV 2-10-09)

ARTICLE 400-2 (Page 359) is deleted and the following substituted:

400-2 Materials.

Meet the following requirements:

Concrete	Sections 346 and 347
Penetrant Sealer	Section 413
High Molecular Weight Methacrylate (HMWM)**	Section 413
Reinforcing Steel	Section 415
Water.....	Section 923
Curing Materials*	Section 925
Epoxy Bonding Compounds**	Sections 926 and 937
Joint Materials**	Section 932
Bearing Pads	Section 932
Non-Shrink Grout**	Section 934
Class 5 Applied Finish Coatings**	Section 975
Galvanizing Compound**	Section 562
Dowel Bar Assembly**	Section 931

*The Engineer will allow clean sand and sawdust for certain curing, when and as specified.

** Use products listed on the Department's Qualified Products List (QPL).

SUBARTICLE 400-15.2.6.1 (of the Supplemental Specifications) is deleted and the following substituted:

400-15.2.6.1 General: Place an applied finish coating upon all concrete surfaces where the plans indicate Class 5 Applied Finish Coating. Apply the finish coating after completion of the general surface work specified for all exposed concrete surfaces

SUBARTICLE 400-15.2.6.6 (of the Supplemental Specifications) is deleted.