



*Florida Department of Transportation*

**RICK SCOTT**  
GOVERNOR

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**JIM BOXOLD**  
SECRETARY

December 23, 2015

Khoa Nguyen  
Director, Office of Technical Services  
Federal Highway Administration  
3500 Financial Plaza, Suite 400  
Tallahassee, Florida 32312

Re: State Specifications Office  
Section **453**  
Proposed Specification: **4530200 Epoxy Jointing of Precast Segments.**

Dear Mr. Nguyen:

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

The changes are proposed by Amy Tootle of the State Construction Office to require all construction-related documentation to be submitted by electronic means for consistency with the State Construction Office e-Construction initiative.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via email to [daniel.scheer@dot.state.fl.us](mailto:daniel.scheer@dot.state.fl.us).

If you have any questions relating to this specification change, please call me at 414-4130.

Sincerely,

Signature on file

Daniel Scheer, P.E.  
State Specifications Engineer

DS/dt

Attachment

cc: Florida Transportation Builders' Assoc.  
State Construction Engineer

**EPOXY JOINTING OF PRECAST SEGMENTS.**  
**(REV 10-14-15)**

ARTICLE 453-2 is deleted and the following substituted:

**453-2 Acceptance of Epoxy Bonding System.**

Use only epoxy systems that are on the Department's Approved Product List (APL). Manufacturers seeking evaluation of their products must submit an application conforming to the requirements of Section 6.

~~Provide-Submit~~ to the Engineer a manufacturer's certification conforming to the requirements of Section 6, which confirms that each manufactured lot meets the requirements of this Section and is the same as the material listed on the APL.

SUBARTICLE 453-4.2 is deleted and the following substituted:

**453-4.2 Packaging, Identification and Use:** Use only components packaged in two parts, in sealed containers, proportioned in the proper reacting ratio, ready for combining and mixing in accordance with the manufacturer's instructions. Each container must bear a label and/or stamp designating the manufacturer's name, brand name, the component type (resin or hardener), the range of substrate (surface of concrete) temperature over which the application is suitable, material classification, the date of formulation, the shelf life of the material, and the manufacturer's lot number.

~~Provide-Submit~~ instructions, ~~furnished by~~ from the manufacturer, for the safe storage, handling, mixing and application of the material.

Do not use any material from containers which are damaged or have been previously opened. Combining of epoxy bonding components from bulk supplies will not be permitted. Only full packets of components will be mixed.

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Submit instructions from the manufacturer, for the safe storage, handling, mixing and application of the material.

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