



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE KOPELOUSOS
SECRETARY

January 14, 2009

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

Re: Office of Design, Specifications
Section 641
Proposed Specification: 6410100, Prestressed Concrete Poles

Dear Ms. Gourdine:

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

These changes were proposed by Andre Pavlov of the State Structures Office to permit higher strength concrete to be used for prestressed concrete poles, to delete the certification requirement, and to reference the appropriate Materials Sections for reinforcing steel and prestressed strands.

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

PRESTRESSED CONCRETE POLES.

(REV ~~10-30-08~~ 1-07-09)

ARTICLE 641-1 (Pages 699 and 700) is deleted and the following substituted:

641-1 Description.

Furnish and install prestressed concrete poles for service pole applications, luminaire support, and strain poles for span wire support of traffic signals, signs, and other devices (multiple types). Obtain precast, prestressed concrete poles from a manufacturing plant that is currently on the Department’s list of Producers with Accepted Quality Control Programs. Producers seeking inclusion on the list shall meet the requirements of 105-3. Provide poles that are listed on the Department’s Qualified Products List (QPL).

~~Provide written certification from the manufacturer of the pole(s) that it meets the requirements of this Section and are the same pole(s) listed on the QPL.~~

Ensure that each pole is *constructed and* permanently and legibly marked in accordance with Design Standards, Index No. 17725, including the date cast. *The marking shall be visible after installation.*

~~Ensure that each shipment of products to the job site includes a list of products shipped and the required written certification statement for each product. Provide this list and certification(s) to the Engineer.~~ *Ensure that the shipment of the products to the job site meets the requirements Of 450-16.3 and Section 8.2 of the Materials Manual.*

ARTICLE 641-2 (Page 700) is deleted and the following substituted:

641-2 Materials.

Meet the following requirements:

- Portland Cement Concrete Section 346, Class V Special
..... *or Class VI.*
- Reinforcing Steel* *931-1*
- Prestressed Strands* *933-1*

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Ensure that each pole is constructed and marked in accordance with Design Standard Index No. 17725, including the date cast. The marking shall be visible after installation.

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