



Florida Department of Transportation

RON DESANTIS
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

JARED W. PERDUE, P.E.
SECRETARY

June 27, 2025

Abi Domond
Civil Rights Analysis Intern
Federal Highway Administration
3500 Financial Plaza, Suite 400
Tallahassee, Florida 32312

Re: State Specifications Office
Section: 965
Proposed Specification: **9650206 General Provisions For Aluminum Items (Including Welding)**

Dear Ms. Domond:

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

The changes are proposed by Adrian Steele to remove the color retention criteria and reference Section 975.

Please review and transmit your comments, if any, within two weeks (10 business days). Comments should be sent via email daniel.strickland@dot.state.fl.us.

If you have any questions relating to this specification change, please call me at (850) 414-4130.

Sincerely,

Signature on File

Daniel Strickland, P.E.
State Specifications Engineer

DS/jb

Attachment

cc: Florida Transportation Builders' Assoc.
State Construction Engineer

GENERAL PROVISIONS FOR ALUMINUM ITEMS (INCLUDING WELDING) (REV 5-7-25)

ARTICLE 965-3 is deleted and the following substituted:

965-3 Paint for Poles, Pedestals, and Posts.

Paint systems used on aluminum poles, pedestals, and posts shall meet the color requirements as specified in the Contract Documents. All paint systems shall possess physical properties and handling characteristics that are compatible with the application requirements of Section 646. Materials shall be specifically intended for use over aluminum. ~~Paint systems shall exhibit no loss of adhesion or total color difference (ΔE^*_{ab}) greater than 8.0 units for five years after final acceptance as specified in 5-11. An aluminum pole, pedestal, post, or sign panel that exhibits a cumulative surface area of delamination in excess of 50 square inches will constitute an adhesion failure. Delamination shall be defined as any area of exposed metal surface subsequent to hand tool cleaning. A ΔE^*_{ab} value exceeding 8.0 units per the International Commission on Illumination L*a*b* 1976 (CIELAB) space and color difference formula, measured in accordance with ASTM D2244, will constitute a color retention failure.~~

~~————The Department will measure and enter in the Department's database the CIELAB color chromaticity coordinates for the color of the top coat of sample coupons provided as required by 646-2.7 using a BYK Gardner Handicolor colorimeter using D65 illuminant and 2-degree geometry settings. The Department measured CIELAB chromaticity coordinates shall define the initial color and will be used for resolution of color retention failures and the resolution of color retention disputes.~~ Color retention failure and adhesion failure shall be defined as described in 975-4 except the cumulative delamination area shall not exceed 50 square inches. Paint systems shall exhibit no color retention failure or adhesion failure for five years after final acceptance as specified in 5-11.

GENERAL PROVISIONS FOR ALUMINUM ITEMS (INCLUDING WELDING)
(REV 5-7-25)

ARTICLE 965-3 is deleted and the following substituted:

965-3 Paint for Poles, Pedestals, and Posts.

Paint systems used on aluminum poles, pedestals, and posts shall meet the color requirements as specified in the Contract Documents. All paint systems shall possess physical properties and handling characteristics that are compatible with the application requirements of Section 646. Materials shall be specifically intended for use over aluminum. Color retention failure and adhesion failure shall be defined as described in 975-4 except the cumulative delamination area shall not exceed 50 square inches. Paint systems shall exhibit no color retention failure or adhesion failure for five years after final acceptance as specified in 5-11.