



Florida Department of Transportation

JEB BUSH
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

DENVER J. STUTLER, JR.
SECRETARY

July 21, 2005

Mr. Donald Davis
Program Operations Engineer
Federal Highway Administration
227 N. Bronough Street, Suite 2015
Tallahassee, Florida 32301

Re: Office of Design, Specifications
Section 562
Proposed Specification: 5620000 – Zinc Paint Coating.

Dear Mr. Davis:

We are submitting, for your approval, two copies of a proposed Supplemental Specification for Zinc Paint Coating.

This is a complete rewrite of this Section proposed by Karen Byram of the State Specifications Office.

Please review and transmit your comments, if any, within two weeks. Comments should be sent via Email to SP965DB or duane.brautigam@dot.state.fl.us.

If you have any questions relating to this specification change, please call Duane F. Brautigam, State Specifications Engineer at 414-4110.

Sincerely,

Signature on file

Duane F. Brautigam, P.E.
State Specifications Engineer

DFB/jho
Attachment

cc: General Counsel
Florida Transportation Builders' Assoc.
State Construction Engineer

**SELF-ZINC PAINT COATING.
(REV 5-19-05)**

SECTION 562 (Page 661) is deleted and the following substituted:

SECTION 562
~~ZINC PAINT COATING~~ REPAIR OF GALVANIZED SURFACES

562-1 Description.

Apply a *coating of zinc paint coating galvanizing compound* over welded areas of galvanized structural members and over areas of previously galvanized members on which the galvanizing has, ~~in the opinion of the Engineer,~~ become *significantly* damaged.

562-2 Materials.

~~For the paint coating,~~ Use a galvanizing compound as specified in ~~971-15~~ 975-4.

562-3 Construction Methods.

~~Before applying the compound, ensure that the welded area or damaged spelter area is clean and free of grease. Thoroughly brush the area with a stiff wire brush to remove all dirt, loose galvanizing, welding slag, or other foreign material. If necessary, clean the area with an approved grease removing solvent. Prepare surfaces and apply the galvanizing compound according to ASTM A 780 and manufacturer's recommendations. After cleaning the area, apply two coats of the galvanizing compound to achieve a dry film thickness as annotated on the Qualified Products List. Apply additional coats on rough or pitted surfaces, the when in the opinion of the Engineer may require more than the specified two coats, if it is necessary in his opinion, in order to obtain acceptable cover. Allow at least 12 hours drying time. Follow the manufacturer's recommended dry time between coats.~~

~~Re-clean the areas not coated on the same day the cleaning is accomplished, or surfaces that have rusted, prior to coating.~~

~~Apply the galvanizing compound to attain a uniform appearance free from all defects or failures. Submit repair procedure(s) to the Engineer for approval. All deficiencies will be corrected at no cost to the Department. Brushing back over partly dried applications will not be permitted.~~

562-4 Basis of Payment.

No direct payment will be made for ~~zinc paint coating galvanizing compound coating~~ of welded surfaces or for field repair of damaged ~~splter coating galvanized surfaces~~. ~~Where the Contractor is required~~ *Include the cost* to perform these operations, ~~the cost shall be included~~ in the Contract price for the item which includes the member being so treated.

ZINC PAINT COATING.
(REV 5-19-05)

SECTION 562 (Page 661) is deleted and the following substituted:

SECTION 562
REPAIR OF GALVANIZED SURFACES

562-1 Description.

Apply a coating of galvanizing compound over welded areas of galvanized structural members and over areas of previously galvanized members on which the galvanizing has become damaged.

562-2 Materials.

Use a galvanizing compound as specified in 975-4.

562-3 Construction Methods.

Prepare surfaces and apply the galvanizing compound according to ASTM A 780 and manufacturer's recommendations. Apply additional coats on rough or pitted surfaces, when in the opinion of the Engineer it is necessary to obtain acceptable cover. Follow the manufacturer's recommended dry time between coats.

Re-clean the areas not coated on the same day the cleaning is accomplished, or surfaces that have rusted, prior to coating.

Apply the galvanizing compound to attain a uniform appearance free from all defects or failures. Submit repair procedure(s) to the Engineer for approval. All deficiencies will be corrected at no cost to the Department.

562-4 Basis of Payment.

No direct payment will be made for galvanizing compound coating of welded surfaces or for field repair of damaged galvanized surfaces. Include the cost to perform these operations, in the Contract price for the item which includes the member being so treated.