

Origination Form

Specifications

Submittal Information			
Name:	Oliver Chung	Standard Specification Section:	560
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Date:	2026-05-19T13:24:17Z	Associated Specs:	N/A

Summary:

1. Removed shop personnel qualifications of program level. 2. Excessive requirement for general white color. No need for stripe coating. 3. Research (BEG84) Implementation defined the repairs area.

Justification:

1. Shop personnel qualifications have been covered in Materials Manual. 2. Excessive requirement: interior white paint coat of box girders were only for improved lighting. 3. Research (BEG84) Implementation: 10.2

Do the changes affect other types of specifications?

Neither

List Specifications Affected:

Other Affected Documents/Offices	Contacted	Yes/No
Other Standard Plans		No
Florida Design Manual		No
Structures Manual		No
Basis of Estimates Manual		No
Approved Product List		No
Construction Office		No
Maintenance Office		No
Materials Manual		No

Are changes in line with promoting and making progress on improving safety, enhancing mobility, inspiring innovation, and fostering talent; explain how?

Improving the safety: Interior white paint coat of box girders was added for improved illumination. This is clarified and stripe coating requirement for this coat is removed.

What financial impact does the change have; project costs, pay item structure, or consultant fees?

N/A

What impact does the change have on production or construction schedules?

N/A

How does this change improve efficiency or quality?

N/A

Which FDOT offices does the change impact?

State Construction Office, State Materials Office

What is the impact to districts with this change?

Positive impact, improve the safety inside box girders for inspection, maintenance or other activities.

Does the change shift risk and to who?

N/A

Provide summary and resolution of any outstanding comments from the districts or industry.

Comments and Responses are available on the Track the Status of Revisions hyperlink located on the Specifications landing page: <https://www.fdot.gov/specifications/default.shtm>

What is the communication plan?

Through the established specification revision process (e.g., Internal and Industry Review)

What is the schedule for implementation?

The Standard Specifications eBook and Workbook are effective July 1st every year.

COATING NEW STRUCTURAL STEEL (REV 5-19-26)

SUBARTICLE 560-6.3 is deleted and the following substituted:

560-6.3 Quality Control (QC) Supervisor in the ~~Shop and Field:~~ Personnel ~~performing inspection of coating activities in the supervisory position must visit the shop at suitable intervals throughout the coating process.~~ Personnel performing inspection of coating activities in the supervisory position must visit the field location at suitable intervals throughout the coating process, as defined in the site specific coating plan. Submit documentation to the Engineer that all personnel acting as supervisors are certified, at a minimum, to one of the following certifications:

1. AMPP Bridge Coatings Inspector Level 2
2. AMPP Senior Certified Coatings Inspector
- ~~3. NACE Coatings Inspector Level 3~~
- ~~4. SSPC Bridge Coatings Inspector Level 2~~
- ~~5. SSPC Protective Coatings Inspector Level 3~~

560-6.3.1 Certifications: Maintain certifications for the duration of the Contract. If the certifications expire, do not perform any work until certifications are reissued. The QP-1 requirement for a Coating Application Specialist may be waived on a project when there is no media blasting involved in the operations. The request should be identified in the site specific coatings plan.

Notify the Engineer of any change in certification status.

SUBARTICLE 560-9.1.1 is deleted and the following substituted:

560-9.1.1 Interior Box or Tub Girders: Apply a coat of white amine epoxy ~~directly~~ to the interior surface of all ~~interior components of~~ steel box or tub girders over the zinc-rich primer for illumination. Stripe coating is not necessary for this white amine epoxy illumination coat. Caulk and paint all bolted assemblies and joints in accordance with 560-9.7. When stud welding is specified, apply a mist coat of inorganic zinc-rich primer to the top flange at a dry film thickness no greater than 1 mil. Prevent rust bleeding from the top flange from staining adjacent painted surfaces.

SUBARTICLE 560-10.2 is deleted and the following substituted:

560-10.2 Repairs Other Than Faying Surfaces: Touch up all flaws and damaged areas. Clean and coat all welds, rivets, bolts, and all damaged or defective coating and rusted areas in accordance with 560-7 and 560-9. Repair damaged surfaces using an approved organic zinc-rich primer. Upon approval by the Engineer, aluminum mastic may be used ~~in accordance with the manufacturer's recommendations and approval by the coating manufacturer.~~ if the repair area is two inches or farther from the hole edge. Aluminum mastic must contain aluminum pigment and minimum 80% volume solids.