

Origination Form

Specifications

Submittal Information			
Name:	Oliver Chung	Standard Specification Section:	955
Email:	oliver.chung@dot.state.fl.us	Special Provision:	
Date:	2026-05-18T21:02:07Z	Associated Specs:	N/A

Summary:

Added a reference to the AASHTO standards and removed the unused above-ground treatment specifications.

Justification:

Industry recommended to add a reference to AASHTO M133 .

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
Traffic Engineering Manual		No

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

N/A

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?

Improving the quality by adopting the AASHTO standards and removing treatment references to unused above-ground treatment categories.

Which FDOT offices does the change impact?

State Materials Office, State Construction Office

What is the impact to districts with this change?

Positive impact, by providing better quality of timber materials.

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.

**TIMBER TREATMENT
(INCLUDING TREATING MATERIALS)
(REV 5-18-26)**

ARTICLE 955-1 is deleted and the following substituted:

955-1 General.

The work specified in this Section is the treating of structural timber, timber piling and timber posts, bracing and railing. The method of treatment and determination of assay results for all such timber materials shall be in accordance with AASHTO M133 and American Wood Protection Association (AWPA) Use Category System (UCS) - U1, with the exceptions and additions as specified herein. All timber products manufactured for incorporation into the work shall be produced by a producer/treater approved through one of the following third-party audit programs:

1. Southern Pine Inspection Bureau (SPIB)
2. Timber Products (TPI)

SUBARTICLE 955-2.1 is deleted and the following substituted:

955-2.1 Guardrail Post, Fence Post, Bracing and Railing on Pedestrian Bridges, Buildings, and Rest Areas in ~~Above-Ground, Ground-~~Contact, Fresh Water Immersion Applications (Pedestrian Use): Provide guardrail post, fence post, bracing and railing in accordance with Table 955-1. All treatments should be Ground-Contact or higher. No Above-Ground treatments shall be allowed. Approved producers ~~should~~shall provide a certification showing the timber species, treatment, and assay results with every shipment.

Table 955-1				
Product	Type / Species	Category	Treatment	Assay Results
Guardrail Posts, Fence Post, Bracing, & Railing	Southern Yellow Pine	UC4A	Micronized Copper Azole (MCA)	≥ 2.4 kg/m ³ or ≥ 0.15 pcf
			Copper Azole Type C (CA-C)	
			Copper Azole Type B (CA-B)	≥ 3.3 kg/m ³ or ≥ 0.21 pcf
			Alkaline Copper Quat Type A, (ACQ-A)	≥ 6.4 kg/m ³ or ≥ 0.40 pcf
			Alkaline Copper Quat Type B, (ACQ-B)	
			Alkaline Copper Quat Type C, (ACQ-C)	
			Alkaline Copper Quat Type D, (ACQ-D)	

SUBARTICLE 955-2.2 is deleted and the following substituted:

955-2.2 Guardrail Posts, Fence Posts, Bracing and Sheet Piling in ~~Above-Ground,~~ Ground-Contact or Fresh Water Immersion Applications (Non-Pedestrian Use): Provide guardrail post, fence post, bracing and sheet piling in accordance with Table 955-2. All treatments should be Ground-Contact or higher. No Above-Ground treatments shall be allowed. Approved producers should provide a certification showing the timber species, treatment, and assay results with every shipment.

Table 955-2

Product	Type / Species	Category	Treatment	Assay Results
Guardrail Posts, Fence Post, Bracing	Southern Yellow Pine	UC4A	MCA	≥ 2.4 kg/m ³ or ≥ 0.15 pcf
			CA-C	
			CA-B	≥ 3.3 kg/m ³ or ≥ 0.21 pcf
			Ammoniacal Copper Zinc Arsenate (ACZA)	≥ 6.4 kg/m ³ or ≥ 0.40 pcf
			Chromated Copper Arsenate Type C (CCA)	
ACQ-A ACQ-B ACQ-C ACQ-D				
Piling	Cypress		None	N/A
	Southern Yellow Pine	UC4B UC4C	ACZA	≥ 9.6 kg/m ³ or ≥ 0.60 pcf
			CCA	≥ 9.6 kg/m ³ or ≥ 0.60 pcf
	Pacific Coast Douglas Fir		ACZA	≥ 9.6 kg/m ³ or ≥ 0.60 pcf