FDOT
Florida Department of Transportation
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Tallahassee, FL 32399-0450
JARED W. PERDUE, P.E.
SECRETARY

August 4, 2026

Daniel Holt, PE, PTOE
Director, Project Delivery
Director, Technical Services
FHWA
400 West Washington Street, Suite 4200
Orlando, FL 32801

Re: State Specifications Office
Section: 955
Proposed Specification: **9550100 Timber Treatment (Including Treating Materials)**

Dear Mr. Holt:

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

The changes are proposed by Oliver Chung to reference the AASHTO standards and remove the unused above-ground treatment.

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/am
Attachment
cc: Florida Transportation Builders' Assoc.
State Construction Engineer

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

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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 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 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 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