

# ALABAMA DEPARTMENT OF TRANSPORTATION

## General Application Special Provision

DATE: May 4, 2023

GASP No. 22-GA0032

EFFECTIVE DATE: September 1, 2023

SUBJECT: Treated Wood.

Alabama Standard Specifications, 2022 Edition, SECTION 833 and SECTION 864 shall be amended as follows:

## SECTION 833 LUMBER AND TIMBER - UNTREATED AND TREATED

### 833.02 Preservative Treatment.

*Article 833.02 shall be replaced by the following:*

### 833.02 Preservative Treatment.

Preservatives for treated wood shall meet the requirements of AASHTO M 133 "Preservatives and Pressure Treatment Processes for Timber" and the American Wood Protection Association (AWPA) standards listed in the table below.

Commodity Specification	Use Category
A: Sawn Products	UC4B
B: Posts	UC4B
D: Poles	UC4C
E: Piling	UC4C
F: Plywood	UC4B
F: Glue Laminated Timber (Treated after gluing)	UC4B
F: Glue Laminated Timber (Treated before gluing)	UC4A
F: Parallel Strand Lumber	UC4B

## SECTION 864

# GUARDRAIL AND BARRIER RAIL MATERIALS

### 864.02 Posts.

#### (a) Treated Timber Posts.

*Subarticle 864.02(a) shall be replaced with the following:*

#### (a) Treated Timber Posts.

Timber posts shall be sawed to within plus or minus 1 inch {25 mm} of the length and plus or minus 3/8 of an inch {10 mm} of the full end dimensions shown on the plans. Timber block-outs shall be sawed to within 1/4 of an inch {6 mm} of the length and plus or minus 3/8 of an inch {10 mm} of the full end dimensions shown on the plans. Holes shall be drilled in accordance with the standard drawings.

All timber shall be Southern Yellow pine, Grade No. 1 or better, in accordance with the Southern Yellow Pine Inspection Bureau's grading system. Post and blockout treatment shall be in accordance with AWP-U-1, Commodity Specification A, UC4B. The preservative shall be one recommended under AWP-U-1 except that within a contract only one type will be permitted unless otherwise permitted in writing by the Engineer. All timber posts and blockouts should be fabricated and holes drilled before treatment, but where field modifications of necessity are made after treatment, the new surfaces shall be given a preservative treatment in accordance with the provisions of AWP-M-4 using a method approved by the Engineer.

Metal posts for barrier rails shall be steel meeting the requirements noted in paragraph one above or when aluminum barrier rail is used, aluminum posts conforming to the requirements of ASTM B 221, Alloy 6351-T4 or 6061-T4 of the size, shape, etc. noted by plan details.