

## SECTION 06055

# TIMBER AND TIMBER TREATMENT

### PART 1 GENERAL

#### 1.1 SECTION INCLUDES

- A. Timber for signs, guardrails, and posts, and the preservative treatment for timber.

#### 1.2 REFERENCES

- A. AASHTO M 133: Preservatives and Pressure Treatment Processes for Timber
- B. AASHTO M 168: Wood Products
- C. AASHTO Standard Specifications for Highways and Bridges
- D. American Wood-Preservers' Association (AWPA) Book of Standards
- E. Western Wood Products Association (WWPA) Standard Grading Rules

### PART 2 PRODUCTS

#### 2.1 STRUCTURAL TIMBER, LUMBER

- A. As specified in AASHTO M 168.
- B. Treat if required following AASHTO M 133.

#### 2.2 POSTS

- A. Wood posts that comply with the current WWPA Standard Grading Rules.
- B. Pressure treated.

- C. Sign posts:
  - 1. Use only one type of wood species on any one project.
  - 2. S4S, 80 percent FOHC, Douglas Fir-Larch, Grade No. 2 or better.
  - 3. Hem-fir, Lodgepole Pine, or Ponderosa Pine, Grade No. 1 or better.
  
- D. Guardrail Post:
  - 1. Surfaced or rough-sawn posts and offset blocks.
  - 2. Use only one species of wood on any one project.
  - 3. Douglas Fir-Larch, Hem-Fir, Lodgepole Pine, or Ponderosa Pine.
  - 4. Grade No. 1 or better.
  
- E. Steel Post with Wood Block:
  - 1. Routed wood offset block of Southern Yellow Pine.
  - 2. Surfaced or rough sawn blocks.
  - 3. Grade No. 1.
  
- F. Mailbox Post: Provide new material for post, shelf, and brace.
  - 1. Sound fir, hemlock, or pine.
  - 2. Free from all decay, splits, or other defects that would weaken the material.
  - 3. Dimensions as shown on the plans.

### **2.3 TREATMENT**

- A. Meet AASHTO Standard Specifications for Highway Bridges and AASHTO M 133.
- B. Meet AWWA standards for treatment type and quality.
- C. Use rodent-repellent treatment for any timber in contact with the ground.
- D. Apply salt treatment to mailbox post and lumber requiring painting.

**PART 3 EXECUTION** Not used

END OF SECTION