

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) Standard Grading Rules.
- 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 AWPA 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. As specified. Use pentachlorophenol, ammoniacal copper arsenite, or chromated copper arsenate, Type A or B, whichever is compatible with the timber.

- 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