

CONNECTICUT DEPARTMENT OF TRANSPORTATION
BUREAU OF ENGINEERING AND HIGHWAY OPERATIONS

SPECIFICATION FOR

WOOD POSTS FOR GUIDE RAILING AND FENCE

REFERENCE FILE NO. 167-G

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WOOD POSTS FOR USE WITH CABLE GUIDE RAILING

Wood posts shall be cut from any of the following species: Norway (red) pine, southern yellow pine, or pitch pine. All posts shall conform to the dimensions as shown on the drawing. They shall be round and shall be not less than the specified diameter at the small end after removal of the bark. The bottom shall be sawed square, the inner and outer bark removed, and all limbs and branches shall be cut off flush with the trunk. Posts shall be cut to the length specified, with the tops beveled as required and bored before treatment to receive the bolts called for on the drawing. All posts shall be free from injurious checks, cracks, red heart and decay. Sap stain that is not accompanied by softening or other disintegration of the wood shall be permitted under these specifications. The diameter of any single knot shall not exceed 3 inches (76.0 millimeters), and the sum of the diameters of all knots in any 6 inches (152.0 millimeters) section shall not exceed 9.5 inches (240.0 millimeters). Knots 1/2 inch (12.0 millimeters) or less in diameter shall be ignored. Posts shall be straight so that a line from the center of the butt to the center of the tip will not deviate more than 1 inch (25.4 millimeters) from the center of the post. Wood posts shall be conditioned and treated in accordance with the provisions of AASHTO M 133. The preservative used shall be Chromated Copper Arsenate - Type C, conforming to the requirements of AWPA, P 23.