

SECTION 825 FENCE

825.01 Description. This material consists of right-of-way fence and chain-link fence.

825.02 Right-Of-Way Fence. Right-of-way fence material shall conform to the following requirements:

- a. *Metal Posts.* Tubular steel posts and braces shall conform to the requirements of AASHTO M 281 and shall be galvanized in accordance with AASHTO M 111.

Steel posts of tee, channel, wide flange, or U-bar shapes, shall be formed structural steel, hot-rolled carbon steel, or hot-rolled rail steel, having a minimum yield strength of 40,000 psi (280 MPa) and a minimum ultimate strength of 70,000 psi (480 MPa). Steel posts shall be either galvanized in accordance with AASHTO M 111, painted with weather resistant paint that is specifically designed for steel, or painted with enamel that has been shop or factory baked.

- b. *Barbed Wire.* Barbed wire shall be galvanized steel conforming to the requirements of AASHTO M 280 and shall consist of two-strand 122 gage (2.51 mm) wire with tightly wrapped, sharp, four-point barbs formed of 14 gage (2.03 mm) wire spaced evenly at not more than 5" (130 mm) intervals. Galvanizing shall be Class 3.
- c. *Woven Wire Fencing.* Woven wire fencing or woven wire fabric shall be 9 gage (3.77 mm) galvanized wire conforming to the requirements of AASHTO M 279, Class 3 coating or 9 gage (3.77 mm) aluminum coated steel wire conforming to the requirements of ASTM A 584 with a minimum coating weight of 0.4 oz/ft² (120 g/m²).

825.03 Chain-Link Fence. Chain-link fence shall be either galvanized steel fabric fence, aluminum-coated steel fabric fence, or aluminum alloy fabric fence, conforming to the appropriate requirements of AASHTO M 181.