

## APPENDIX D

### FIRE APPARATUS ACCESS ROADS

*The provisions contained in this appendix are ~~not mandatory unless specifically referenced in the adopting ordinance~~ adopted by the State of Oregon*

**D101.1 Scope.** Fire apparatus access roads shall be in accordance with this appendix and all other applicable requirements of the *International Fire Code*. The fire code official may be guided by the Oregon Department of Land Conservation and Development's Neighborhood Street Design Guidelines, June 2001.

**D102.1 Access and loading.** Facilities, buildings or portions of buildings hereafter constructed shall be accessible to fire department apparatus by way of an approved fire apparatus access road with asphalt, concrete or other approved driving surface capable of supporting the imposed load of fire apparatus weighing at least ~~75,000~~ 60,000 pounds (~~34 050 kg~~) (27 240 kg).

Exception: The minimum weight specified in Section D102.1 may be increased by the Fire Code Official based upon the actual weight of fire apparatus vehicles serving the jurisdiction that provides structural fire protection services to the location including fire apparatus vehicles that respond under automatic and mutual aid agreements.

**D102.1.1 Access in wildland-urban interface areas.** For egress and access concerns in wildland-urban interface locations, the fire code official may be guided by the *International Wildland-Urban Interface Code*.

**D103.1 Access road width with a hydrant.** Where a fire hydrant is located on a fire apparatus access road, the minimum road width shall be 26 feet (7925 mm), exclusive of shoulders. See Figure D103.1.

Exceptions: The fire code official is authorized to modify the provisions of Section D103.1 when:

- 1) In accordance with OAR 918-480-0100, all buildings are completely protected with an approved automatic fire sprinkler system;
- 2) Provisions are made for the emergency use of side-walks by such means as rolled or mountable curbs capable of supporting the fire department's apparatus;
- 3) Streets or roadways are identified for one-way circulating flow of traffic or pullouts are provided every 150 feet (45 720 mm) on streets or roadways identified for two-way traffic; or
- 4) A grid system for traffic flow is provided and streets or roadways in the grid do not exceed 300 feet (91 400 mm) in length but are accessible at each end from approved access roadways or streets.

**D103.3.1 Drainage.** When subject to run-off damage, the fire code official is authorized to require approved drainage.