



ALPINE FIRE PROTECTION DISTRICT

FIRE PREVENTION POLICY MANUAL

REVISED

01/14

[Signature]

FIRE CHIEF APPROVAL

3-31-2014

EFFECTIVE DATE

STANDARD

503.2.3

SECTION 503.2.3 – SURFACE

Fire apparatus access roads shall be designed and maintained to support the imposed loads of fire apparatus not less than 75,000 lbs. unless authorized by the FAHJ and shall be provided with an approved paved surface so as to provide all-weather driving capabilities.

An approved surface shall be either asphalt or concrete. A residential driveway constructed of 3-1/2" Portland cement concrete may be installed on any slope up to 20% provided that slopes over 15% have a deep broom finish perpendicular to the direction of travel to enhance traction.

Asphalt chips and/or grindings and other recycled matter are not approved surfaces.

For driveways serving individual single-family dwellings, the minimum surface materials require shall vary with the slope of the road.

0-15 % slope Asphaltic Concrete designed to accommodate the imposed load of 75,000 lbs.

15-20 % slope 3-1/2" Portland cement with deep broom finish perpendicular to direction of travel.

Where no standard or design feature is specified, requirements shall be specified by the Fire Chief.

SECTION 503.4.1 – ROADWAY DESIGN FEATURES

Roadway design features (speed bumps, speed humps, speed control dips, etc.) which may interfere with emergency apparatus responses shall not be installed on fire access roadways, unless they meet design criteria approved by the Chief. Currently, Alpine Fire District does not have written criteria for speed bumps due to the tremendous impact on the suspension of the engines and the delayed response times, therefore, speed bumps are not permitted.

Speed bumps are allowed, however in private parking lots due to the substantial foot traffic. County maintained roads that have speed bumps or humps have prior approval from the County of San Diego Road Design Features. Alpine Fire District does not have jurisdiction over County maintained roads.