



# Secondary Emergency Vehicle Access

## Standard

2003 International Fire Code section 503.1.2

## Practice

**The purpose of this standard is to provide the requirements for secondary emergency vehicle access (SEVA) for residential developments.**

- A residential development that is served by a single access road over six hundred (600) feet in length that serves more than sixteen (16) units and each lot is less than one acre in size, shall be provided with an approved SEVA.
- A residential development that is served by a single access road over six hundred (600) feet in length that serves more than fifty (50) units and each lot is more than one acre in size, shall be provided with an approved SEVA.
- SEVA roads shall be designed and maintained to support the imposed loads of fire apparatus in all weather driving capabilities. A minimum surface of two (2) inches of compacted gravel shall be provided.
- SEVA roads shall have a twenty (20) foot unobstructed road width and a vertical clearance of thirteen feet six inches (13'6").
- Long SEVA roads may be reduced, if approved by the Chief or designee, to twelve (12) feet in width provided turnouts of adequate length are present every 400 feet to accommodate the passage of vehicles
- SEVA road slope shall not exceed 12% longitudinal or 2% cross-slope

## Guide

Modifications of this standard may be made with the approval of the Chief or designee.