



PROSPER FIRE RESCUE

FIRE MARSHAL'S OFFICE

PO Box 307

1500 E. First Street

Prosper, Texas 75078

Phone (972) 346-9469 Fax (972) 347-3010 www.prosperfire.com

Fire Lane/Fire Apparatus Road Traffic Calming

Effective January 1, 2020, the Prosper Fire Marshal's Office will evaluate for approval the request to install speed cushions in newly designed/constructed or existing emergency apparatus access roads (fire lanes). The request and approval shall be evaluated on a case by case basis.

All submittals for review shall comply with the Town of Prosper adopted "Code of Ordinances", policies & procedures as well as all design criteria contained herein

1. All emergency apparatus roads, also known as fire lanes, shall meet the requirements and provisions listed in the Town of Prosper Code of Ordinances: Fire Code.
2. Fire Lane design shall be designed in a manner to discourage excessive speeds, "cut-thru" traffic or other hazardous conditions. If excessive speeds or other hazardous conditions have been determined, speed cushions as illustrated on Detail F-10 may be approved by the Town of Prosper Fire Marshal's office.
3. Speed Cushions shall not be used for initial design, as original design shall be done in a manner to discourage unsafe conditions.
4. If a property development wishes to install speed cushions as a traffic calming method, they shall submit in writing a request to install speed cushions with specific reasoning why the traffic control device is warranted. Such a request shall include an exhibit showing where the devices are to be installed.
5. The Fire Marshal's Office will notify the requester and the Engineering Department in writing as to the status of the request for traffic calming devices.
6. It shall be the property owner's responsibility to install and maintain approved speed cushions. If a fire lane straddles a property line, both property owners must give consent and are both responsible for maintaining the traffic control devices.
7. Speed tables may also be approved in high pedestrian traffic areas. Speed tables may only be installed with written permission from the Town of Prosper Fire Marshal's Office.



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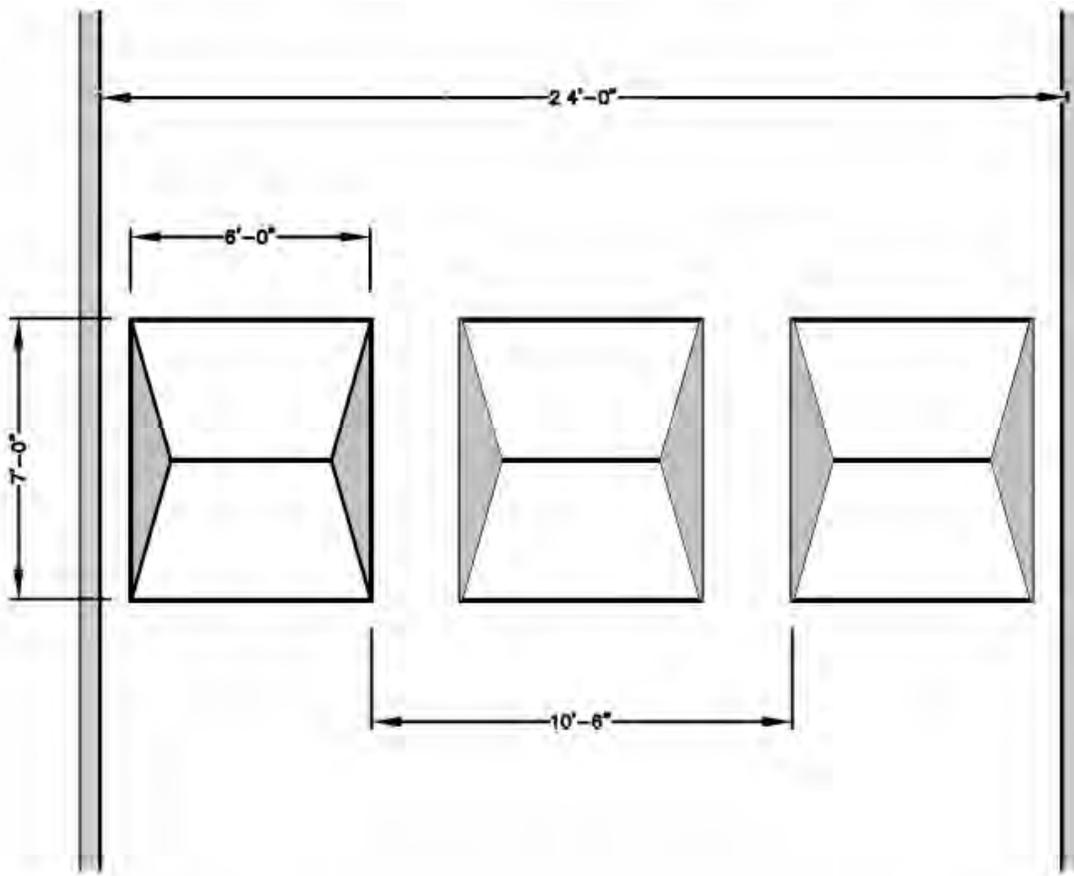
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Speed Cushion Design Criteria



1. Dimensions: 3" x 6' x 7'
2. Dimensions shown in the exhibit shall hold center spacing for fire lanes greater than 24 feet
3. Entrance and Exit Gradient: 1:15 Typical (1:20 Allowed)
4. Side Gradient: 1:3
5. Material: Shall be compression-molded 100 % recycled rubber and polyurethane or approved equal
6. Markings: Yellow or white reflective markings shall be embedded into the cushion material during the manufacturing process
7. Advance Notification: Some advance notification of the speed reducing devices is required. This can be accomplished through signage or pavement marking or a combination of both
8. Spacing: The minimum spacing between speed cushions shall be 200 feet. (No more than 3 sets in a series)