



TRAFFIC CALMING DEVICE

This guideline is intended to be a resource for when a development, facility, or property, within the City of Rockwall, is requesting to install traffic calming devices within streets, roadways, fire apparatus access roads, or emergency access easement, commonly referred to as “Fire Lane” for Fire Department Access.

All traffic calming devices for the purposes of these guidelines and any other guidelines or requirements of the Fire Department shall conform to the 2021 International Fire Code, as adopted and amended by the City of Rockwall.

Per the 2021 International Fire Code section 503.4.1, traffic calming devices shall be prohibited unless approved by the fire code official. This applies specifically to fire apparatus access roads or fire lanes. The information in this document is intended to assist the applicant in attaining approval by the Fire Marshal and to ensure that privately owned roadways, or lanes, necessary for emergency response will always be available and will not be obstructed in a way that increases emergency response times.

Speed Calming Devices/ Speed Calming Humps

- 1) Maximum height shall be no more than 3 inches at the top center of the device.
- 2) Length will vary, depending on the width of the road or fire apparatus roadway being traversed.
- 3) Depth of the calming device should be no less than 12 inches to provide an acceptable angle.
- 4) No flat edges on the approach or departure side of the device.
- 5) Devices and humps can be no closer than 300 feet from each set in a single row or lane.

Deviation from the above sizes will require Fire Marshal approval. The request for deviation shall be submitted with the site plan and a cut sheet of the device requested.

Marking

- 6) Marking of speed calming devices or humps shall comply with Texas Department of Transportation Manual on Uniform Traffic Control Devices.

Submittal Requirements

- 7) A site plan/drawing of the proposed locations of the devices, to include property lines, buildings, obstructions, and roadways. Indicate location of fire lanes and fire hydrants in the area. Site plan shall show the distance between each set of calming devices.
- 8) Detail on how the speed calming device or speed hump will be affixed to the pavement.
 - a) Bolts
 - b) Highway glue
 - c) Etc.
- 9) Detail of the construction of the speed calming device or speed hump showing width, length, max height, markings.



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Speed calming device



(The above image is for reference only. Deviation from the required sizes will need approval)



Speed calming hump



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Sample from TxDOT Manual on Uniform Traffic Control Devices.

