

TRAFFIC CALMING DEVICES

Royse City Fire Department - Fire Marshal's Office
305 N Arch St. • Royse City, TX 75189 • Phone: 972.524.4819
Website: <http://www.roysecity.com/departments/fire/>
Email: rcfd@roysecity.com

These guidelines are intended to be a resource for when a development, facility, or property, within the City of Royse City, is requesting to install traffic calming devices within streets, roadways, fire apparatus access roads, or emergency access easements, 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 2018 International Fire Code, as adopted and amended by the City of Royse City.

Speed Humps

- ❖ There are two-speedhump designs recommended by the fire department
 - 14-foot-long speed hump for streets with posted speed limits of 25 m.p.h. or less (**Detail 1**)
 - 22-foot-long speed hump for with posted speed limits of 30 m.p.h. or less. (**Detail 2**)
- ❖ Speed hump designs are 3 inches at their highest point and vary in width, depending on the width of the road traversing

Marking

- ❖ Markings of speed humps shall comply with Texas Department of Transportation Manual on Uniform Traffic Control Devices (2011). (See sample below)
- ❖ Available at: <http://ftp.dot.state.tx.us/pub/txdot-info/trf/tmutcd/2011/3.pdf> or from the Fire Department

Submittal Requirements

- ❖ A site plan/drawing of the devices' proposed locations, including property lines, buildings, obstructions, and roadways. Indicate location of fire lanes and fire hydrants in the area
- ❖ Detail of the construction of the speed hump showing width, length, max height, and markings

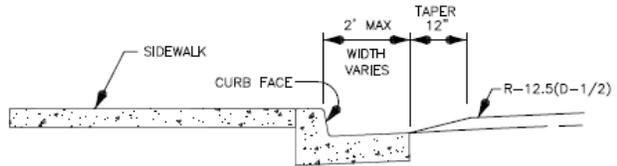


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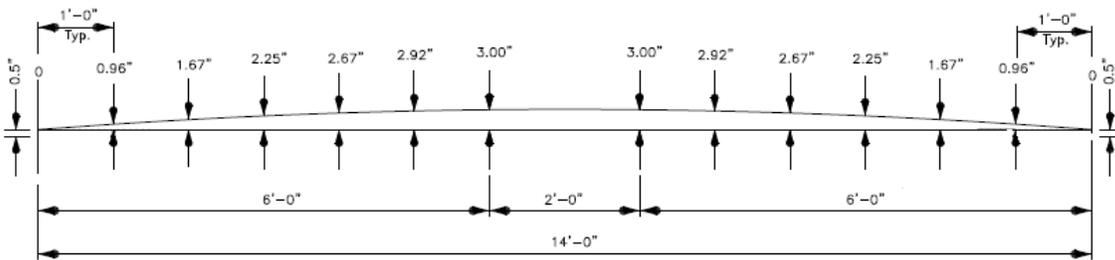
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SPEED HUMP SPECIFICATIONS

IMPORTANT: Speed Humps to be 3" in height to provide maximum effectiveness, while not being overly restrictive to emergency police and fire vehicles.



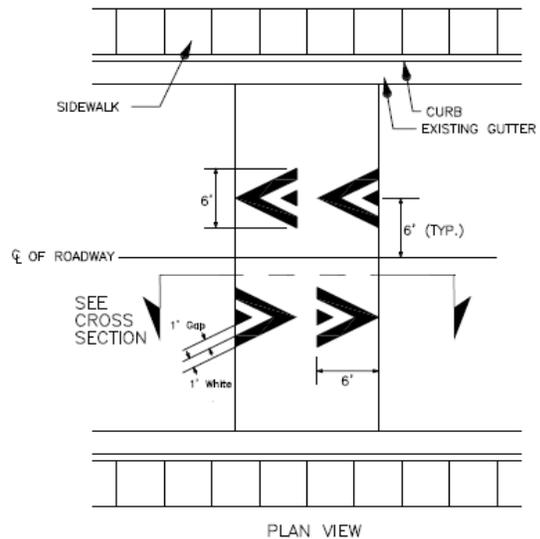
EDGE DETAIL



CROSS SECTION

NOTES:

1. Speed humps shall not be placed over manholes, water valves, survey monuments, etc.
2. Speed humps shall not be installed in a location such that roadway drainage is compromised.



DETAIL 1: 14' SPEED HUMP

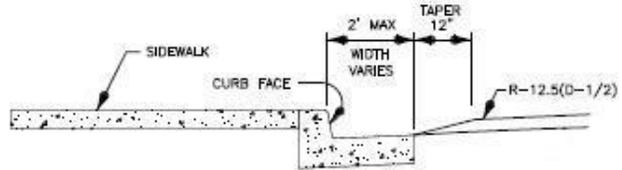


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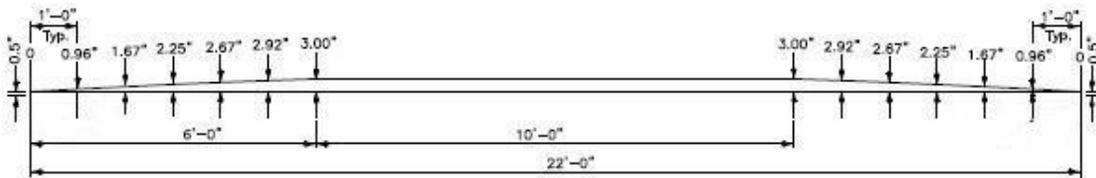
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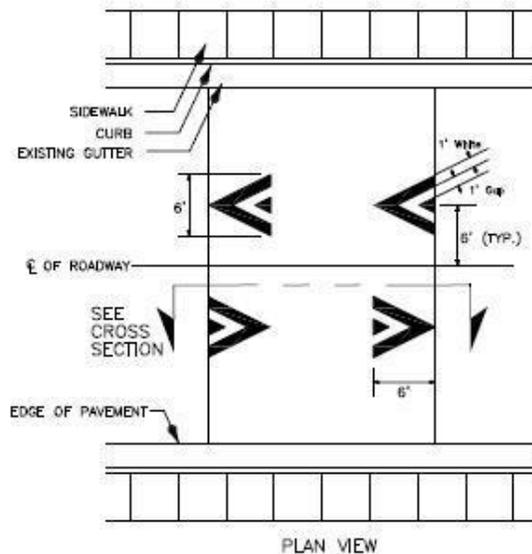
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PLAN VIEW

DETAIL 2: 22' SPEED HUMP



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Sample from TxDOT Manual on Uniform Traffic Control Devices (2011). Complete document available upon request from the Fire Department

