



SECTION 34. PUBLIC WORKS DEPARTMENT

34.35 TRAFFIC CALMING DEVICES

A. PURPOSE. The purpose of this Section to provide policies and procedures for design and installation of traffic calming devices within unincorporated Seminole County. The Board approves the use of the following traffic calming devices on County roadways to control vehicle speeds:

- (1) Speed Cushions
- (2) Mid-Block Chokers
- (3) Chicanes
- (4) Median/Center Islands
- (5) Roundabouts
- (6) Traffic Circles
- (7) Gateway/Entry Features

B. TRAFFIC CALMING CRITERIA. The following Traffic Calming Criteria must be met before traffic calming devices may be installed on a roadway:

- (1) Roadway must have a documented speeding issue, the observed 85th percentile speed is greater than 8 mph over posted speed limit.
- (2) The maximum roadway volume must not exceed 3,000 vehicles per day.
- (3) The maximum posted speed on the roadway must not exceed 30 mph.
- (4) 65% of all property owners along the roadway where the traffic calming devices are being installed must vote to approve the installation.
- (5) Functional spacing of devices (primarily for speed cushions or humps) is based on the following guidelines:
 - 300 feet – 400 feet between devices;
 - No installation on curves or turns;
 - Minimum of 100 feet from intersections or curves or turns; and
 - Spacing subject to adjustment for driveways.
- (6) Roadway must have driveways that directly access the road.
- (7) Roadway must not be a principal arterial, minor arterial or major collector roadway. Roadway must be a local street or minor collector that is evaluated on a case-by-case basis.
- (8) Traffic calming devices should not be placed on any roadway that is a primary or routine response route for emergency vehicles, including departure routes from a fire station.



(9) Traffic calming devices must not increase response times by more than one minute or the total travel time to the furthest protected structure along the response route to more than 5 minutes.

The above criteria applies to the following traffic calming devices: speed cushions (in addition to Section C below), mid-block chokers, chicanes, median/center islands and certain other devices from the 2005 Traffic Calming Program manual. Other devices in the manual, such as roundabouts, traffic circles and gateway/entry features, may have different criteria to be determined by the County Traffic Engineer or County Engineer on a case by case basis if those devices were desired.

Nothing above limits the County Traffic Engineer's or County Engineer's ability to install any devices upon the County roadway system that in their sole opinion is justified for the maximum safety of the motorists or residents and does not impede Public Safety operations.

C. SPECIFIC SPEED CUSHION DESIGN CONSIDERATIONS. Speed cushions must be designed to reduce as much as possible the impact to emergency vehicle response times. The following design considerations are to be used and any cushions installed on County roadways shall be approved by the County Engineer or County Traffic Engineer. Cushions may be fabricated from pre-fabricated rubber pieces, similar to Traffic Logix Speed Cushions or equal, or in-place constructed asphalt sections. Cushions should be made up of two (2) or three (3) sections for each location along the roadway. The width of the sections must be six feet (6') and they must be installed with two foot (2') gaps between sections. The length of the sections shall be twelve feet (12') or longer to set the desired speed over the cushion. The general design of cushions will be subject to approval by the County Engineer or County Traffic Engineer.

D. OPPORTUNITIES FOR CREATING MUNICIPAL SERVICES BENEFIT UNITS (MSBUs) TO INSTALL TRAFFIC CALMING DEVICES IN COMMUNITIES. Communities seeking information on the possible creation of MSBUs for installation of traffic calming devices should refer to Section 22.10 of this Code.

E. REMOVAL OF TRAFFIC CALMING DEVICES. Approval of 65% of the property owners along the roadway where traffic calming devices are located is necessary for the Board to consider removal of any traffic calming devices.

F. AUTHORITY. Resolution 2020-R-118 adopted October 27, 2020
Resolution 2024-R-55 adopted April 23, 2024