

RESOLUTION NO. 2024 R-_____

SEMINOLE COUNTY, FLORIDA

RESOLUTION

of the

SEMINOLE COUNTY BOARD OF COUNTY COMMISSIONERS

AMENDING THE SEMINOLE COUNTY ADMINISTRATIVE CODE BY REVISING THE CRITERIA BY WHICH TRAFFIC CALMING DEVICES ARE DESIGNED AND INSTALLED ON COUNTY ROADWAYS IN SECTION 34.35 (TRAFFIC CALMING DEVICES); AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, Seminole County Ordinance No. 89-28 created the Seminole County Administrative Code; and

WHEREAS, Seminole County Resolution Numbers 89-R-438 and 05-R-151 adopted the Seminole County Administrative Code; and

WHEREAS, the Seminole County Administrative Code needs to be amended from time to time to reflect changes in the administration of County government; and

WHEREAS, the Board has approved a revised criteria for the design and installation of traffic calming devices on Seminole County roadways and the revised criteria should be incorporated into the Seminole County Administrative Code,

NOW, THEREFORE, BE IT RESOLVED, by the Board of County Commissioners of Seminole County, Florida that:

Section 1. Section 34.35 of the Seminole County Administrative Code is hereby amended by replacing it in its entirety with the amendment attached to and made a part of this Resolution as Exhibit A.

Section 2. This Resolution and the attached Exhibit A will take effect immediately following their adoption of and will remain in effect until terminated or superseded by further action of the Board.

ADOPTED this _____ day of _____, 2024.

ATTEST:

BOARD OF COUNTY COMMISSIONERS
SEMINOLE COUNTY, FLORIDA

GRANT MALOY
Clerk to the Board of
County Commissioners of
Seminole County, Florida.

By: _____
JAY ZEMBOWER, Chairman

Date: _____

Attachment:
Exhibit A: Section 34.35

DGS/sjs
3/6/24
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SECTION 34. PUBLIC WORKS DEPARTMENT

34.35 TRAFFIC CALMING DEVICES

A. PURPOSE. The purpose of this Section to provide policies and procedures for ~~installation and 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)~~ Speed Display Trailers/Signs
- ~~(6)~~(5) Roundabouts
- ~~(7)~~(6) Traffic Circles
- ~~(8)~~(7) Gateway/Entry Features

~~Speed cushions were discussed as part of Board meetings and worksessions in March 2018, February 2020 and August 2020. Devices #2 through #8 above are detailed in the County's Traffic Calming Program manual dated July 2005.~~

~~Traffic calming devices will be approved by the County based on the latest Traffic Calming Criteria. As identified in the criteria, the roadway must have a documented issue with speeding.~~

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 issue with speeding (observed 85th percentile speed is greater than ten (10) mph over posted speed limit).~~
- ~~(2) Minimum/Maximum Roadway Volume: Seven hundred fifty (750) vehicles per day (vpd)/five thousand (5,000) vpd.~~
- ~~(3) Maximum Speed: Thirty (30) mph.~~
- ~~(4) Homeowner approval for installation (and removal): Sixty five percent (65%).~~
- ~~(5) Consider other owners impacted by devices (side streets) on a case by case basis.~~
- ~~(6) Functional spacing of devices:

 - ~~(a) Three hundred feet to four hundred feet (300' 400') between devices.~~
 - ~~(b) Not on curves/turns.~~~~



~~(c) Minimum of one hundred feet (100') from intersections or curves/turns.~~

~~(d) Spacing subject to adjustment for driveways.~~

~~(7) Roadway must have driveways that directly access the road.~~

~~(8) Roadway must be subject to through traffic – not in a “closed development”.~~

~~(9) Roadway should not be a principal arterial, minor arterial or major collector – must be a local street or minor collector (evaluated on a case by case basis).~~

~~(10) Roadway character/location (rural vs. urban) – considered on a case by case basis.~~

(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: was recently developed for speed cushions (in addition to Section C below), mid-block chokers, chicanes, median/center islands and . This criteria should also apply to some certain

~~other devices from the 2005 Traffic Calming Program manual, such as mid-block chokers, chicanes and median/center islands. Other devices in the manual, such as speed display trailers/signs, 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 ~~shall~~ 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 ~~are to~~ must be designed ~~to allow emergency vehicles unimpeded travel through the devices~~ 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 ~~shall~~ must be six feet (6') and they ~~shall~~ 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.

E.F. AUTHORITY. Resolution 2020-R-118 adopted October 27, 2020
Resolution 2024-R-_____ adopted