



Traffic Calming Devices



Requirements for the Installation of New Speed Humps

Step 1: Check with the **Palm Beach County Engineering and Public Works Department** for the necessity of a permit through the county. Main Office: 561-684-4012
Email: ENG-ActionCenter@pbcgov.org

Step 2: Regardless of a permit requirement, prior to commencement of work, Fire Rescue has to approve the installation. For consideration of approval, a site plan is required showing the locations and details of the requested speed humps. The site plan is to be submitted to:

Fire Safety Specialist **Wesley Jolin**
2300 N. Jog Road
West Palm Beach, FL 33411
Main Office: **561-233-0050**, Direct Line: **561-233-2695**
Email: WJolin@pbcgov.org

Step 3: Upon approval and installation completion, a field inspection is required by Fire Rescue to ensure compliance. There is no fee associated with the review or inspection.

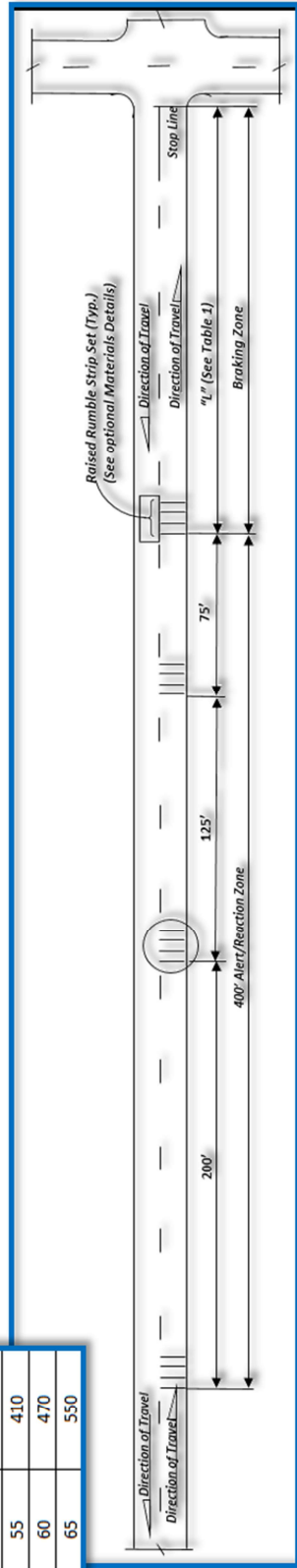
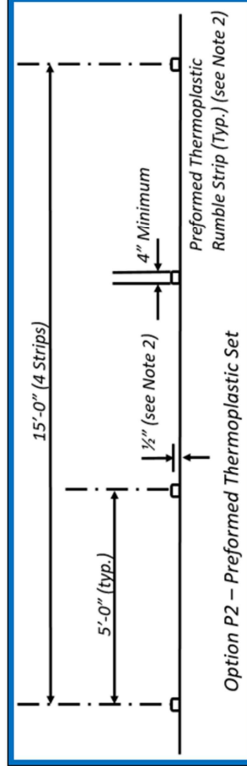
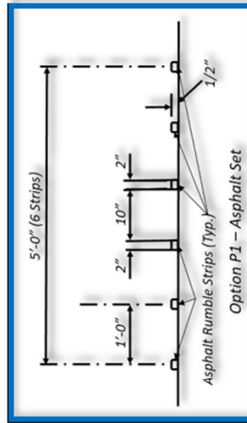
Palm Beach County does not allow "speed bumps" - regardless of the location, commercial or residential. However, the County does recognize the need to have devices installed in our roadways to make drivers better aware of the need to slow down.

To help achieve this, the County Engineer and Fire Marshal have approved the following two devices, both of which meet the Florida Department of Transportation "FDOT" Standards. This page consists of basic requirements for the installation of Rumble Strips and the back of this page consists of the basic requirements for Speed Humps.

NOTES:

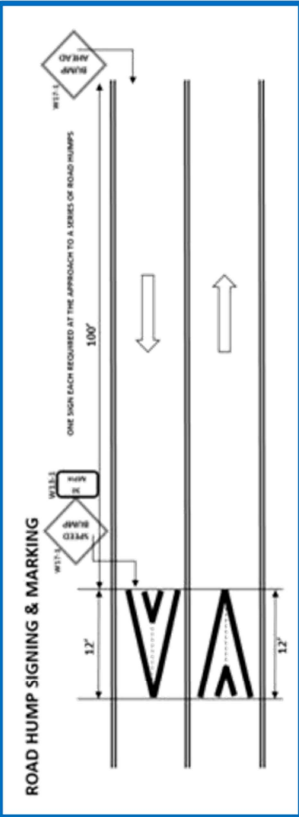
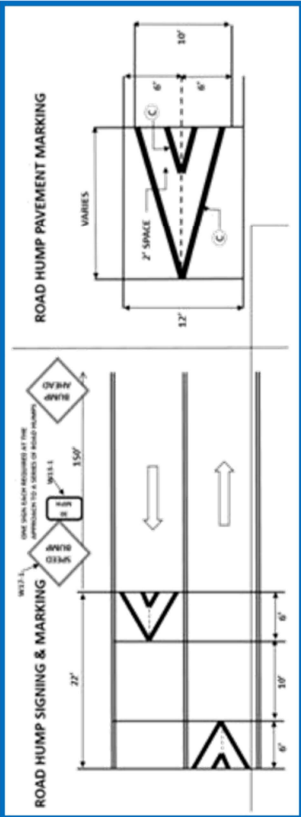
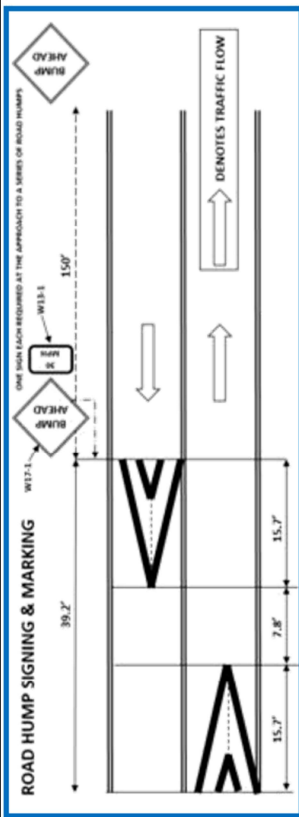
1. Construct permanent raised rumble strips where shown in the Plans and in accordance with FDOT Specification 546
2. Performed Thermoplastic Set:
 - a. Use multiple applications to achieve desired 1/2" thickness.
 - b. Use color white.

TABLE "1" - BRAKING ZONE	
Posted Speed (mph)	'L' (Feet)
<= 30	150
35	200
40	250
45	300
50	350
55	410
60	470
65	550





Traffic Calming Devices



PALM BEACH COUNTY FLORIDA
TRAFFIC DIVISION

4139 AD SPEED HUMP DETAILS

DATE: 5/1/18

PROJECT: []

SCALE: 1" = 10'

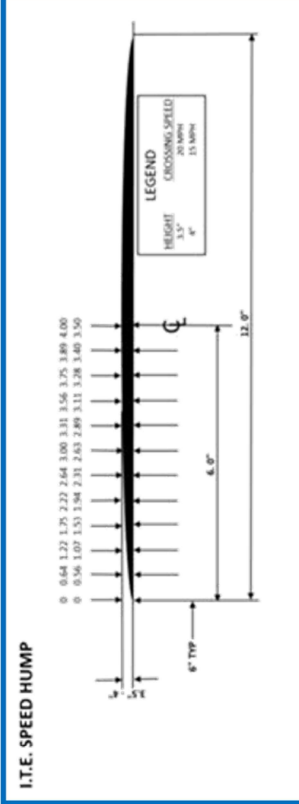
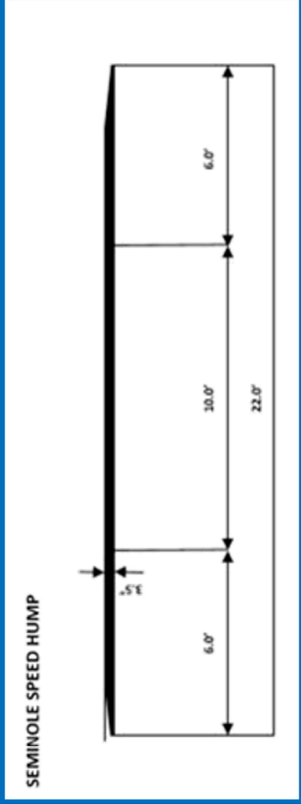
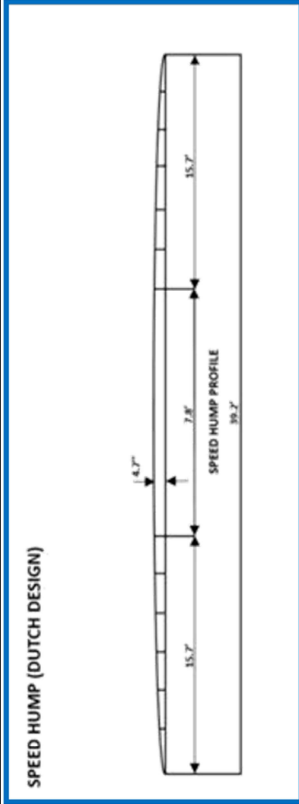
DESIGNED BY: []

CHECKED BY: []

APPROVED BY: []

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Construction Procedures

It is recommended that a template be constructed to verify the accuracy of the hump profile and to ensure that the desired vertical dimension are attained with reasonable tolerances (normally one-half inch or less provided the hump does not exceed 4 inches). If the profile is incorrect, hump characteristics will be changed that might impact traffic safety or create ineffective speed control. It is recommended that the road surface be excavated at tapering edges to prevent spalling. Humps may be installed in two lifts to improve accuracy and shape.

Coordination with Street Geometry.

A thorough on-site analysis of roadway geometrics shall be performed to ensure that the speed humps will not be introduced at a critical point in the roadway system. E.G. A severe combination of horizontal, vertical curvature and/or street gradient.

Coordination with Traffic Operations

Speed humps shall not be installed within 400 feet of a traffic signal or stop sign or within an intersection or driveway. Minimum distance between road humps is 400 feet and the maximum should be 800 feet. To be constructed only when approved by Palm Beach County Engineer.