



Proposed Traffic Calming Plan Arley Drive

Task Force Informational Meeting
Virtual (Microsoft Teams)

September 3 , 2025

6:00 PM



Fairfax County Department of Transportation Residential Traffic Administration Program (RTAP) Traffic Calming Process Overview

	Community Responsibilities	District Supervisors Office Responsibilities	Fairfax County Responsibilities
Step 1: Project Initiation			
Completed	- Send formal request for traffic calming to District Supervisor - Identify community task force members	- Forwards formal request to FCDOT - Notifies Community of results - Notifies FCDOT the community has formed a task	- Conducts eligibility review - Conducts traffic study - Notifies District Supervisors Office of results
Step 2: Plan Development			
In Progress	- Provide feedback on traffic calming plan - After concurrence to conceptual plan, obtain sign off from property owners identified on the plan	- Coordinate with FCDOT and task force to schedule the initial task force meeting - Transfers unsigned Adjacent Property Forms (APFs) to task force and transfers signed APFs from task force to FCDOT	- Draft conceptual traffic calming plan and corresponding ballot area map - Present traffic calming packet to task force - Creates Adjacent Property Forms, emails to District Office and confirms sign off
Step 3: Community Engagement			
	- Perform neighborhood outreach - Advertise at least 2 weeks in advance of the community informational meeting - After meeting, determine whether to proceed to ballot	- Coordinates with FCDOT and task force members to schedule Community Meeting - Transfers meeting document templates to task force, then sends completed documents to FCDOT for verification	- Provide advertising templates to community by emailing to the District Office, verifies completed forms once received - Prepare and lead traffic calming presentation and hold Q&A at informational community meeting
Step 4: Ballot Phase			
Next Steps	- Identify ballot time period - Print and distribute ballot packages. Task force may not collect the ballots.	- Informs FCDOT of task force decision to move forward to ballot phase - Transfers ballot documents to and from FCDOT and task force members - Receiving and tallying all ballots, notifying the task force and FCDOT of results	- Provide template for cover letter - Supplies mailing addresses, provides owner addresses when needed - Prepares templates for ballot package, including ballot, ballot map, device schematics and approved cover letter
Step 5: Project Installation			
	All done!	Communicate between FCDOT and community during this process	- Present approved plan to the Board of Supervisors - Provide BOS resolution to VDOT - Schedule installation with Department of Public Works and Environmental Services

Updated on 03/25/2024



STEP 1

STEP 2

STEP 3

STEP 4

STEP 5

Project Initiation

Community sends a request for traffic calming to the District Supervisor



Basic eligibility review



FCDOT conducts traffic study



The community forms a Task Force

Basic Eligibility



VDOT-MAINTAINED ROAD



25 MPH SPEED LIMIT



FUNCTIONAL CLASSIFICATION
(LOCAL, COLLECTOR, ARTERIAL)



RESIDENTIAL STREET
(COLLECTOR, ARTERIAL)



Traffic Study

Volume Criteria

500 – 6,000 vehicles in 24 hours
(Both directions combined)

Traffic Volume

1,495

Speed Criteria

85th Percentile Speed $\geq$ 10 MPH over the
posted speed limit (One or more
directions)

85th Percentile Speed

Eastbound

37

Westbound

40

Date of traffic count: 6/11/2025

STEP 1

STEP 2

STEP 3

STEP 4

STEP 5

Plan Development

FCDOT conducts a site visit and develops a draft traffic calming plan



The task force offers initial feedback on the draft plan and collaborates with FCDOT to amend the plan, as necessary



The task force obtains concurrence from property owners adjacent to the proposed devices

Device Placement Requirements

Minimum of 300 feet between measures and from existing stop conditions.

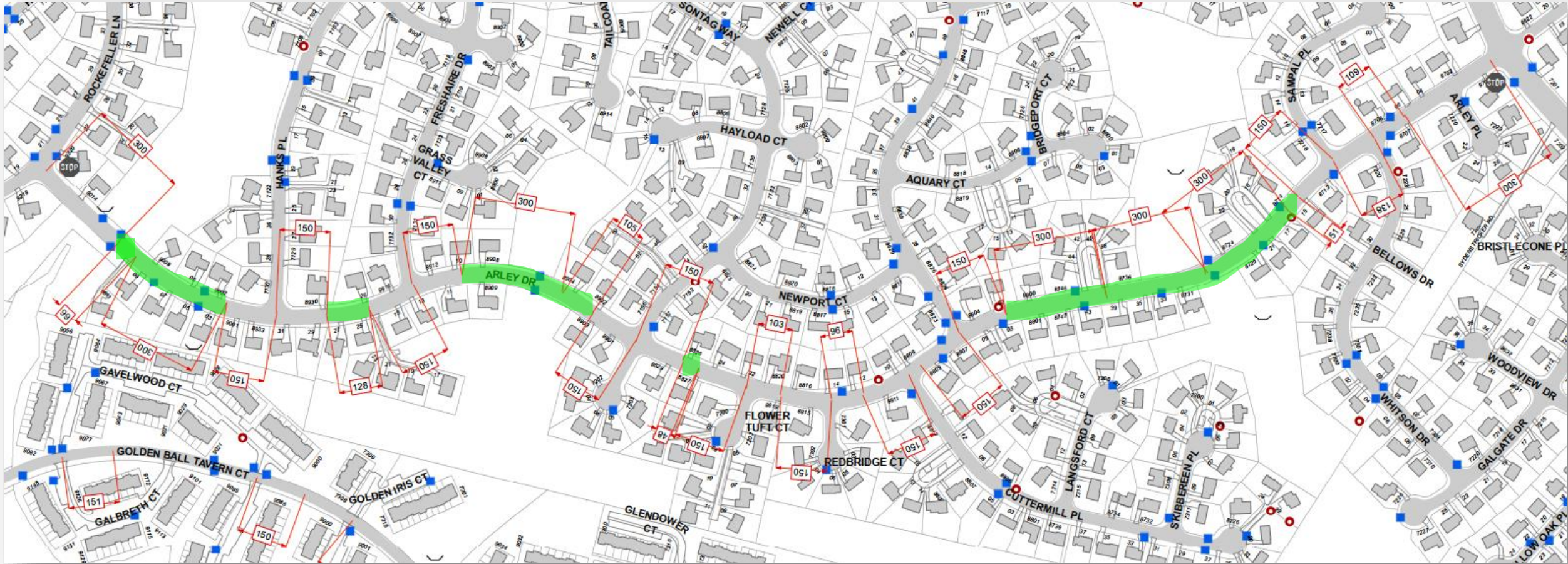
Minimum 150 feet from an intersection

Minimum 150 feet of sight distance

Fit on the existing roadway

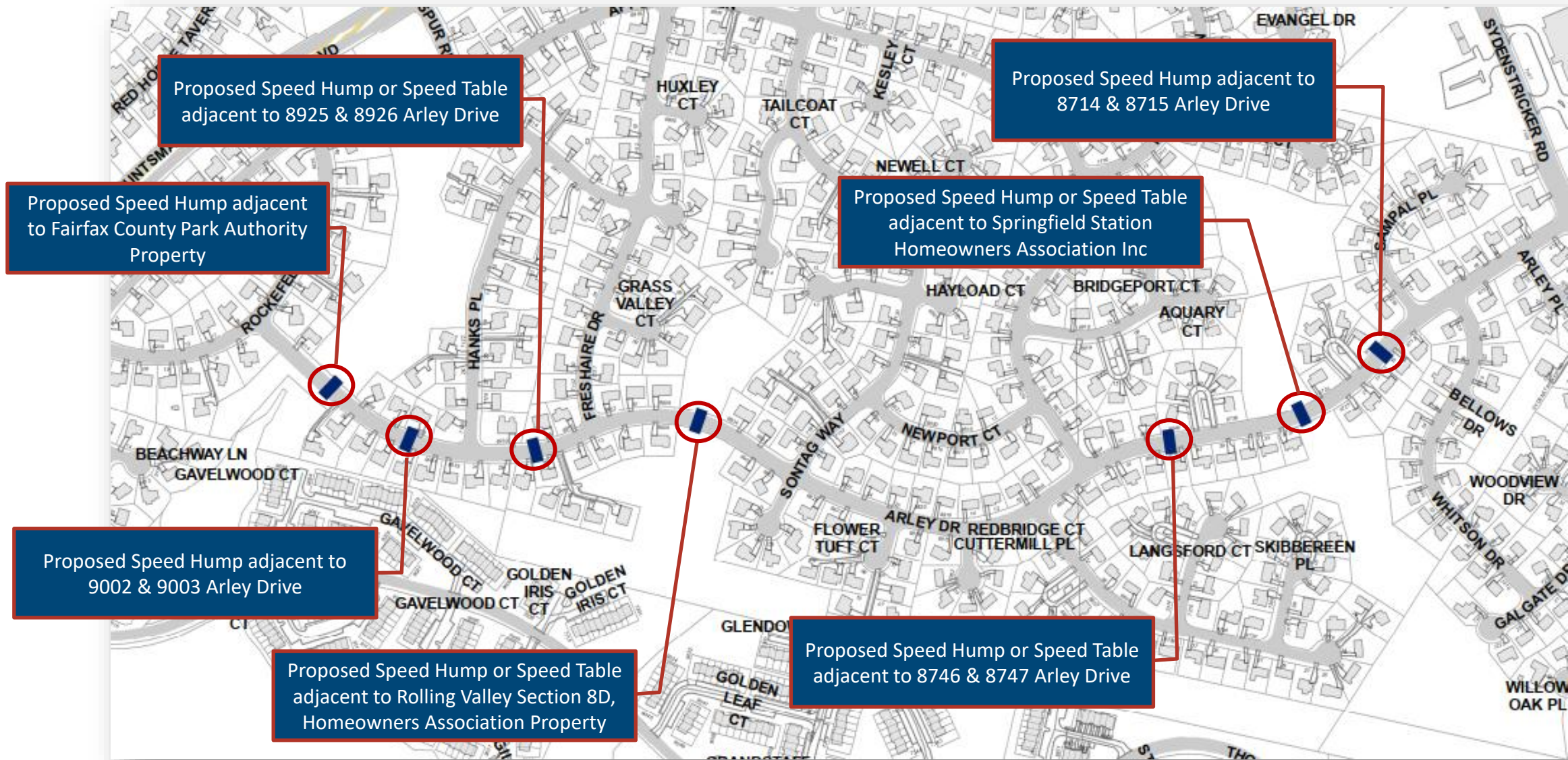
Field Map

Map displaying possible locations for traffic calming devices



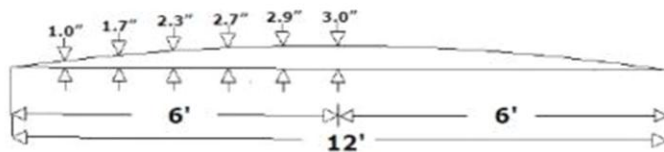
Device Map

Map displaying proposed Traffic Calming Plan

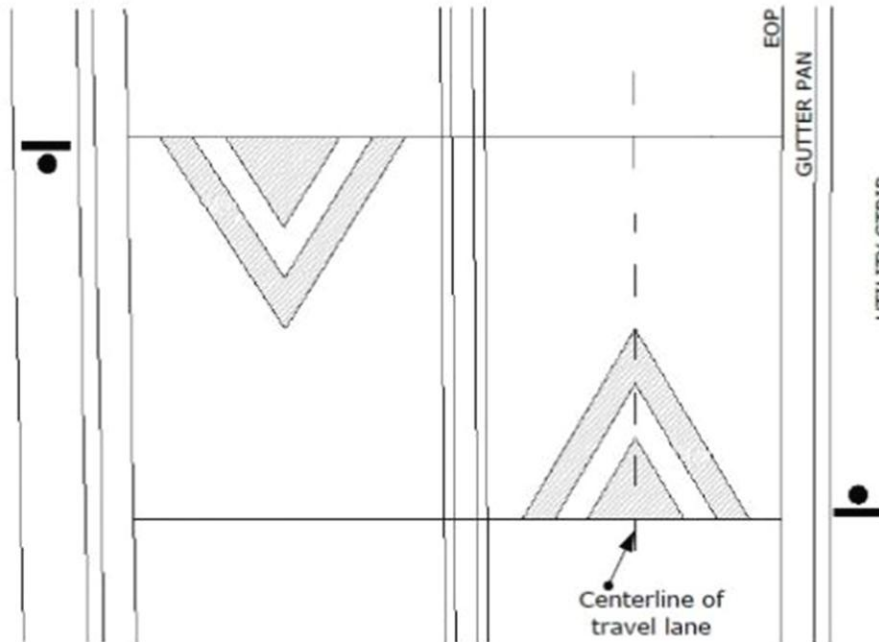




Fairfax County Department of Transportation Residential Traffic Administration Program (RTAP) SPEED HUMP



CROSS SECTION DETAIL



PLAN DETAIL

Speed Hump



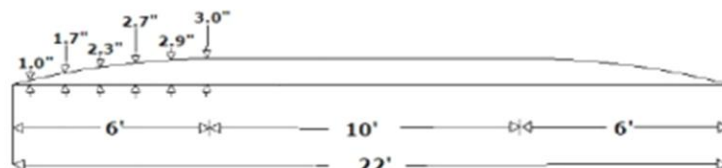
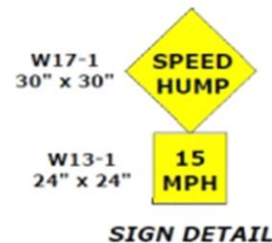
12 ft

3 in

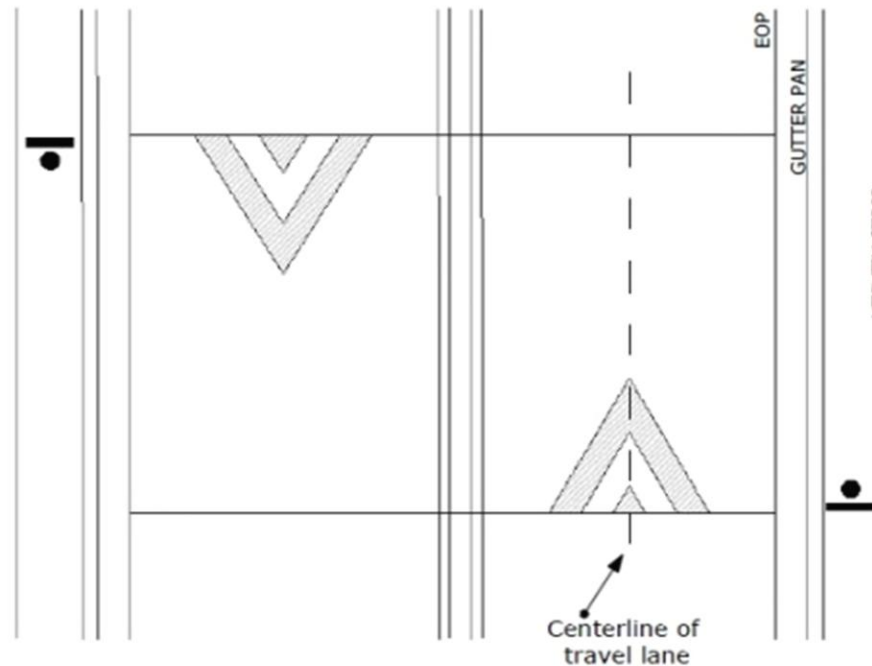
Image displays a vehicle traversing over a Speed Hump along with showing the 12 feet length and 3-inch Height at the center of the device.



Fairfax County Department of Transportation Residential Traffic Administration Program (RTAP) SPEED TABLE



CROSS SECTION DETAIL



PLAN DETAIL

Speed Table

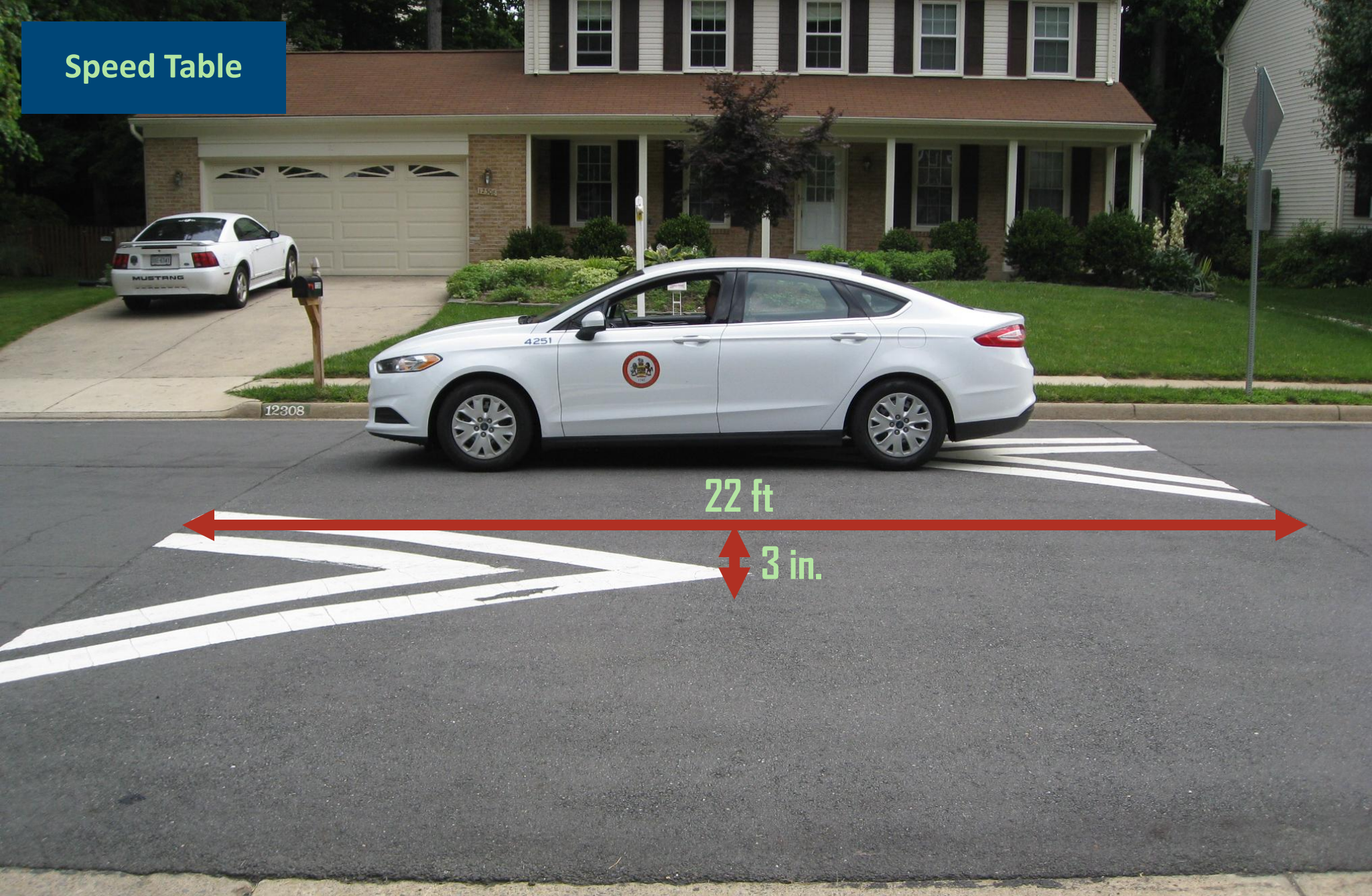


Image displays a vehicle traversing over a Speed Table along with showing the 22 feet length and 3-inch Hight at the center of the device.

STEP 1

STEP 2

STEP 3

STEP 4

STEP 5

Community Meeting

FCDOT will provide advertising templates to the task force and will need to verify and approve material before advertisement can begin



Task Force is responsible for performing community outreach and advertising the meeting at least two weeks in advance



FCDOT presents the plan for community feedback at a community information meeting



Based on this feedback, the Task Force decides whether to modify the plan or advance to the Ballot Phase

STEP 1

STEP 2

STEP 3

STEP 4

STEP 5

Ballot Phase

An Optional Meeting is available to meet with FCDOT to review the balloting process, this meeting is highly recommended to ensure a smooth balloting process

Each occupied property in the ballot area receives one vote and sends it directly to the District Supervisor's Office

The ballot period is open for a **MINIMUM of three weeks** and must be received by the date marked on the ballot

The District Supervisor staff will tally the votes and notify the task force of the results

Ballot Area Map

218 Ballots

In order to pass **greater** than 50% of all occupied properties in ballot area must vote in favor.

110



STEP 1

STEP 2

STEP 3

STEP 4

STEP 5

Project Installation

The traffic calming plan is presented to the Fairfax County Board of Supervisors for endorsement and then the resolution is sent to VDOT



FCDOT works with DPWES to schedule the installation



Traffic Calming Plan is installed

Next Steps

Task Force will notify FCDOT of concurrence with draft plan

Once FCDOT receives decision to proceed, the Task Force will receive Adjacent Property Forms (APFs) and need to obtain signatures

Once FCDOT receives and verifies APFs, scheduling of the community meeting can take place

Traffic Calming Frequently Asked Questions

What is traffic calming?

Traffic calming is the placement of physical measures in the roadway to decrease vehicle operating speeds and enhance safety. Examples include speed humps, speed tables, raised crosswalks, chokers, median islands, etc.

Who develops and who has final approval of the traffic calming plan?

The Fairfax County Department of Transportation (FCDOT) and the District Supervisor's office collaborate with a neighborhood traffic calming task force consisting of residents from the community. FCDOT develops proposed alternatives, but it is ultimately up to the task force to decide what plan to present to the community. FCDOT determines the project's impact area, and residents in this area are balloted to ensure that the traffic calming plan has widespread support.

Why not stop signs instead of speed humps?

The majority of roads in Fairfax County are owned and maintained by the Virginia Department of Transportation (VDOT). FCDOT does not have the authority to place stop signs in VDOT right of way through the Traffic Calming Program.

Do traffic calming measures affect emergency response times?

Studies have shown that traffic calming measures, especially vertical measures such as speed humps, speed tables, and raised crosswalks, can slow fire trucks and other emergency vehicles by about 3 to 10 seconds each. This impact will be cumulative with a series of measures.

Do speed humps affect snow removal?

Speed humps, speed tables, and raised crosswalks are gradually sloped so that snowplow blades go over without damage to them or the pavement surface.

Do speed humps create additional noise levels?

Studies have shown some increase in noise on roads where the total percent of heavy truck traffic volume is 20% or greater.

Do traffic calming measures affect property values?

There is no evidence to suggest that traffic calming measures either raise or lower residential property values.

Can vehicles park on speed humps?

Vehicles can park on speed humps and speed tables, but no parking is permitted on raised crosswalks.

Can the speed humps on our street be made higher or lower?

The design specifications for speed humps, speed tables, and raised crosswalks were created by VDOT and are not subject to alteration by FCDOT.