

Loudoun County Department of Transportation and Capital Infrastructure (DTCI) partners with community stakeholders to leverage a three-pronged approach including Education, Enforcement, and Engineering to address traffic calming concerns in residential communities.

Education

- Informing community members through HOA meetings, newsletters, and public events help spread awareness
- Loudoun County Public Schools (LCPS) Safe Routes to School program educates K-8 grade students on walking and biking to school safely

Enforcement

- The Loudoun County Sheriff's Office (LCSO) monitors and enforces the legal speed limits
- The "S.A.F.E." Safe and Firm Enforcement program takes place twice a month at each LCSO station to educate high school drivers
- Communities may submit traffic complaints via the citizen feedback portal at www.sheriff.loudoun.gov

Engineering

- Engineering solutions are implemented through a standard process that includes community involvement and stakeholder engagement
- There are two types of traffic calming measures:
 - (1) Non-Intrusive measures
 - (2) Intrusive measures

Typical engineering solutions include:

- Watch for Children signs
- Additional \$200 Fine signs
- Pole Mounted Speed Display (PMSD) signs
- Speed Hump/Lump
- Raised Crosswalk

Stop Signs are not suitable for use as traffic calming devices and therefore are excluded from consideration under this program.

More information on typical measures is available at the County's Traffic Calming Website



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Residential Traffic Calming

Loudoun County, Virginia



For more information,
please contact DTCL at 703-737-8624

www.loudoun.gov

Residential Traffic Calming Program

Loudoun County Department of Transportation and Capital Infrastructure (DTCI) manages the County's traffic calming program to respond to residents' concerns regarding speeding, safety, and overall quality of life related to vehicular traffic on publicly-maintained residential streets. The process to implement an engineering measure includes problem recognition, identification of context-sensitive solutions, citizen involvement, and coordination with Virginia Department of Transportation (VDOT) and Loudoun County stakeholders.

1



Initial Contact and Review

- Community members contact the County regarding traffic calming concerns
- Traffic Calming program eligibility requirements include:
 - ✓ VDOT-owned and maintained roadway
 - ✓ Street within a neighborhood where residents connect to roadway via driveways
 - ✓ Posted speed limit of 25MPH or less

2



Traffic Calming Study Request

- Homeowners Association (HOA), Civic Association, or Community Task Force sends the letter and an official request to DTCL for a traffic calming study

3



Engineering Study

- DTCL collects vehicle traffic counts and speed data
- DTCL evaluates data to determine if the subject street qualifies for traffic calming measures
- Qualifying streets must have:
 - ✓ Traffic volumes between 600 and 4,000 vehicles per day
 - ✓ 85th percentile observed speed must be 10MPH or more than the posted speed limit

4



Conceptual Plan Development

- DTCL develops a conceptual traffic calming plan, in coordination with VDOT and appropriate County Stakeholders Loudoun County Sheriff's Office (LCSO), Department of Fire, Rescue and Emergency Management (DFREM), Loudoun County Public Schools (LCPS), and Department of General Services (DGS).
- DTCL coordinates with community and VDOT to identify impact and ballot survey areas

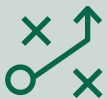
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Community Support/Approval

- DTCL presents the conceptual plan to the community
- DTCL with support from Homeowners Association (HOA), Civic Association, or Community Task Force collect residents input via ballot survey:
 - ✓ More than 50% of occupied residents in survey area must support the plan

6



Plan Development

- DTCL prepares cost estimates for design, implementation, and construction of traffic calming measure

7



County Board of Supervisors Endorsement

- DTCL presents recommended plan and funding source to Board of Supervisor for endorsement

8



Implementation

- DTCL coordinates with VDOT for detailed design plans, if needed
- DTCL coordinate with contractors to install traffic calming measure
- VDOT assesses the measure post-construction and confirms proper installation according to approved traffic calming plans

