



Loudoun County



VIRGINIA

WHERE TRADITION MEETS INNOVATION

Residential Traffic Calming in Countryside Community – McPherson Circle Algonkian Election District

Community Meeting
September 30, 2024

Agenda

1. What is Traffic Calming
2. Loudoun County Process
3. Proposed Traffic Calming Plan
4. Ballot Process
5. Discussion and Questions



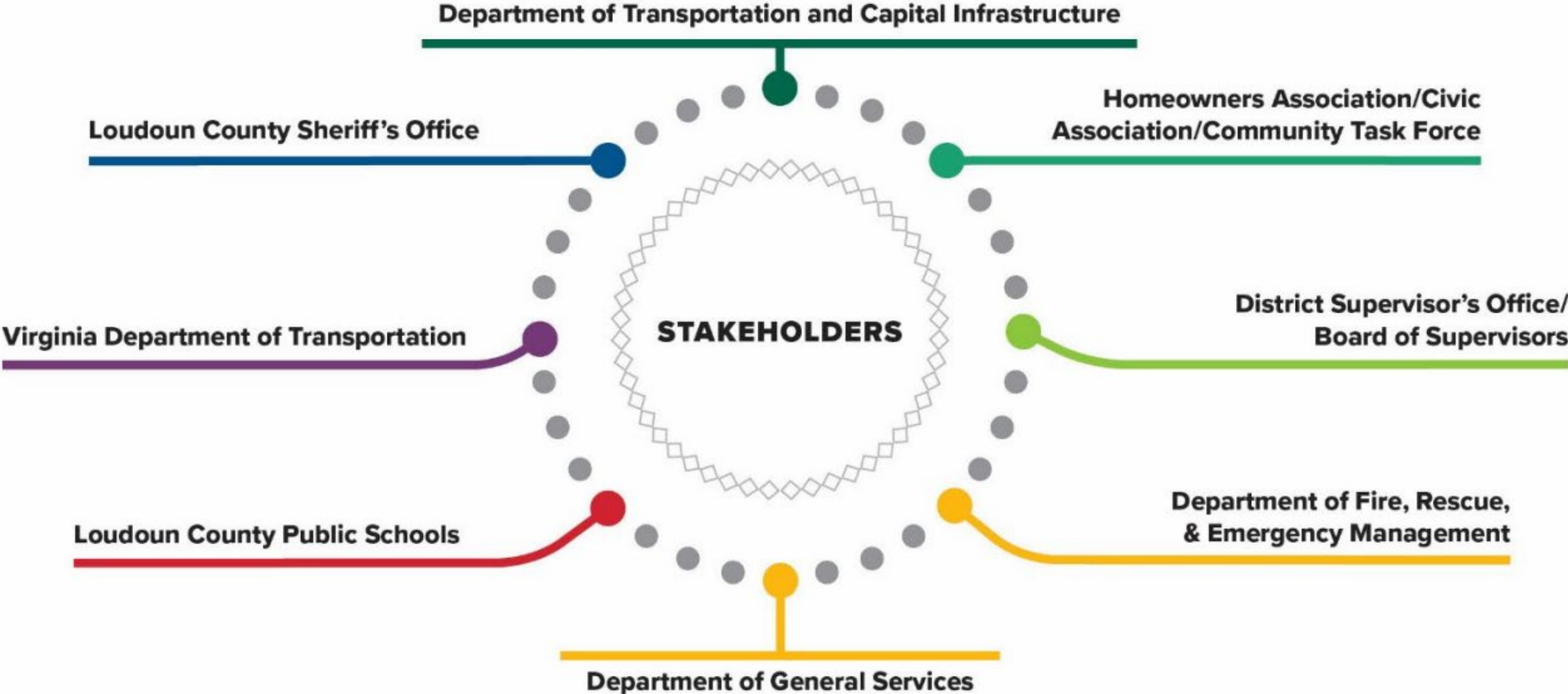
What is Traffic Calming?

- Traffic calming measures
 - Intended to reduce vehicle speeding on local residential roads without restricting access



- Traffic Calming Goals
 - To improve the quality of life
 - To create safe and attractive streets
 - To promote walking, biking, and transit use
 - To offset the negative effects of motor vehicles on the environment

Stakeholders in TC Process



Loudoun County Traffic Calming Process

WE ARE
HERE

Initial Contact
and Review

Engineering
Study

Community
Support/ Approval

County Board
of Supervisors
Endorsement



Step 1



Step 2



Step 3



Step 4



Step 5



Step 6



Step 7



Step 8

Traffic Calming
Study Request

Conceptual Plan
Development

Plan
Development

Implementation

Traffic Data & Eligibility Review

- DTCI evaluated the vehicle traffic data for qualification:
 - ✓ Average Daily Traffic was between **600 to 4000 Vehicles** Per Day
 - ✓ Operating speed (85th Percentile Speed) was **10 MPH or more** above posted speed limit

McPherson Circle						
Street Name	Route No	Posted Speed Limit (MPH)	ADT (VPD)	85 th Percentile (MPH)	Speed Difference	TC Criteria Met?
McPherson Circle	1593	25	1835	40	15	Yes

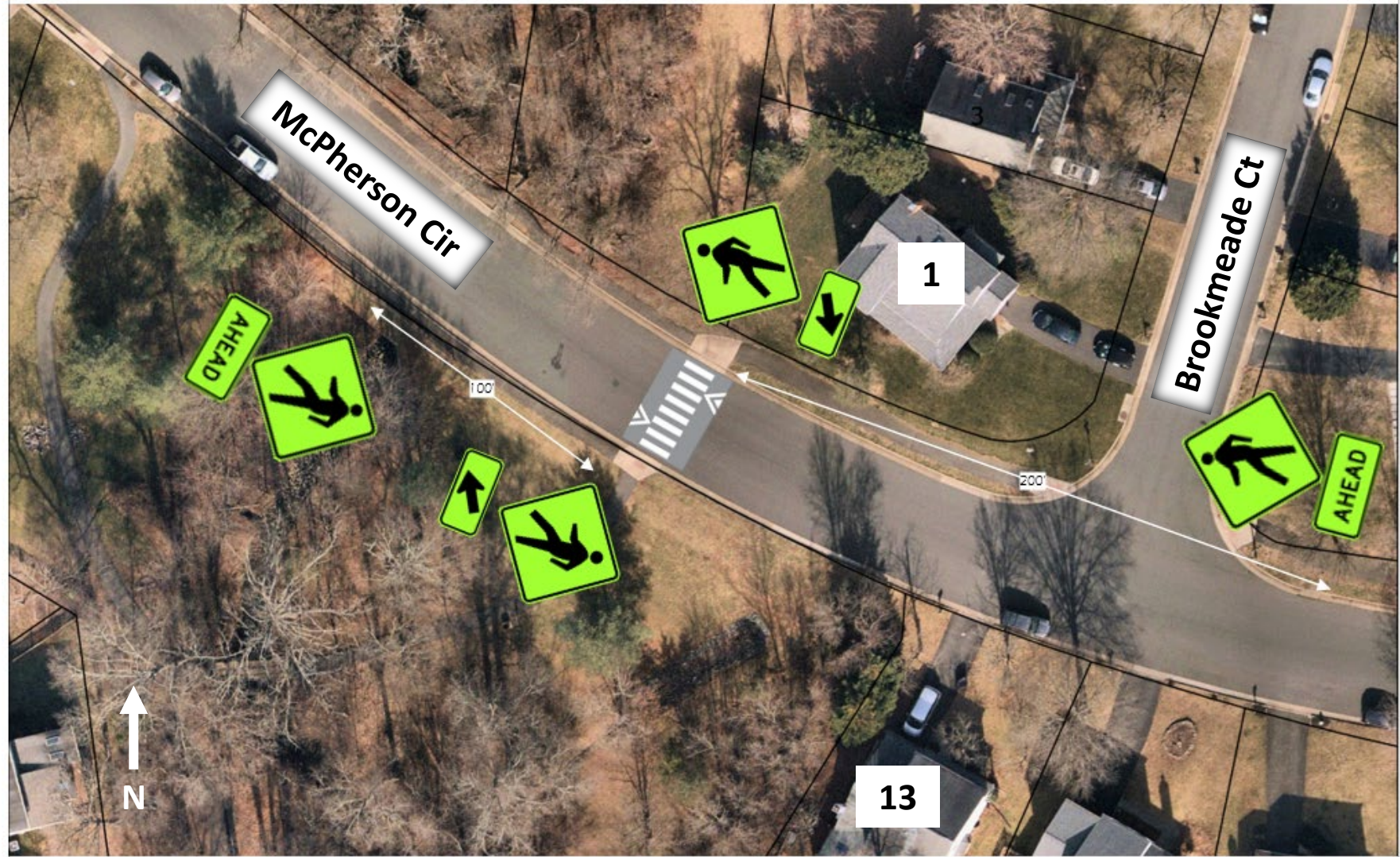
Data Collected 10/25/2022 – 10/27/2022

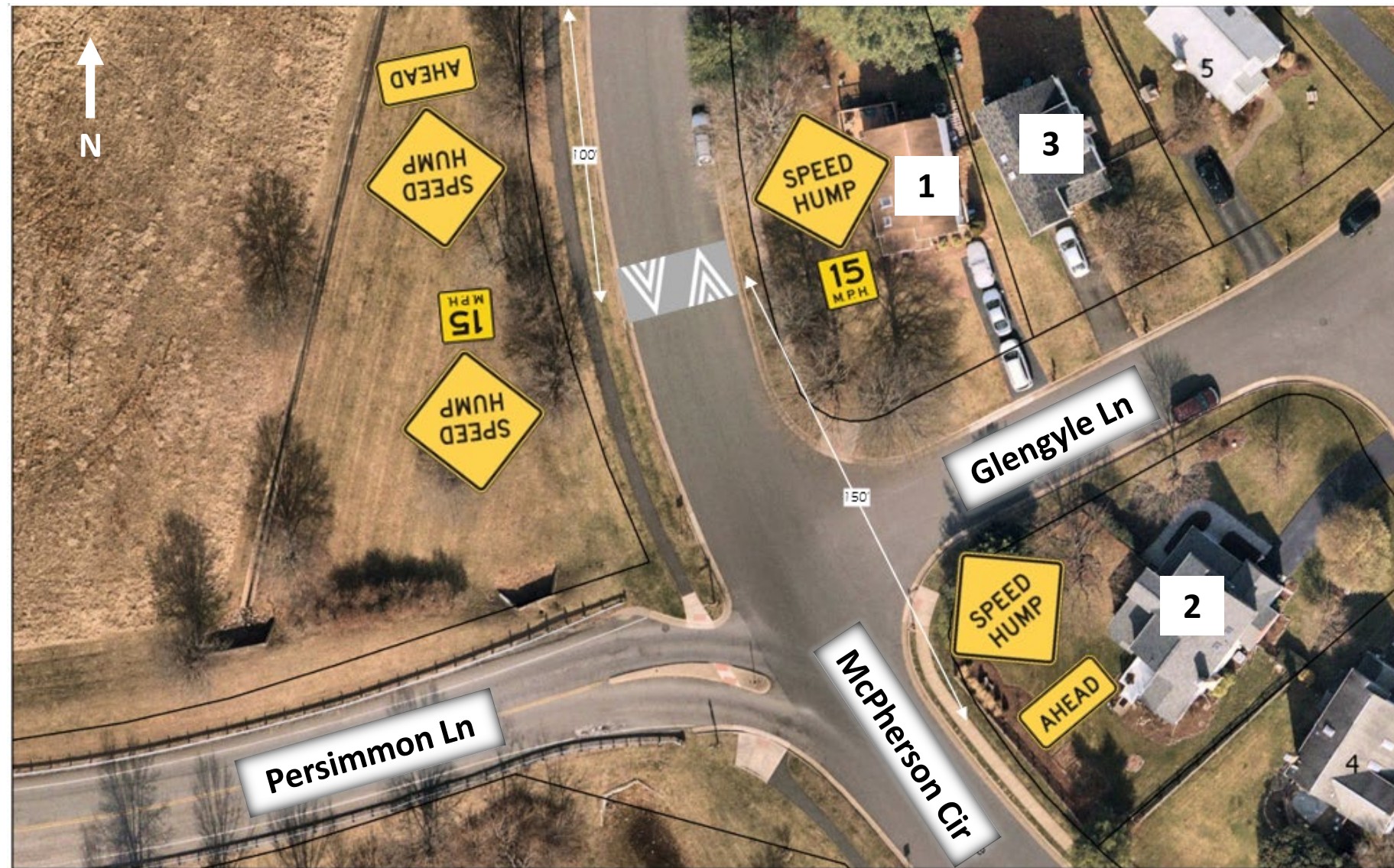
Proposed Traffic Calming Plan

- Inset 1: Raised Crosswalk
- Inset 2: Speed Hump
- Inset 3: Speed Hump



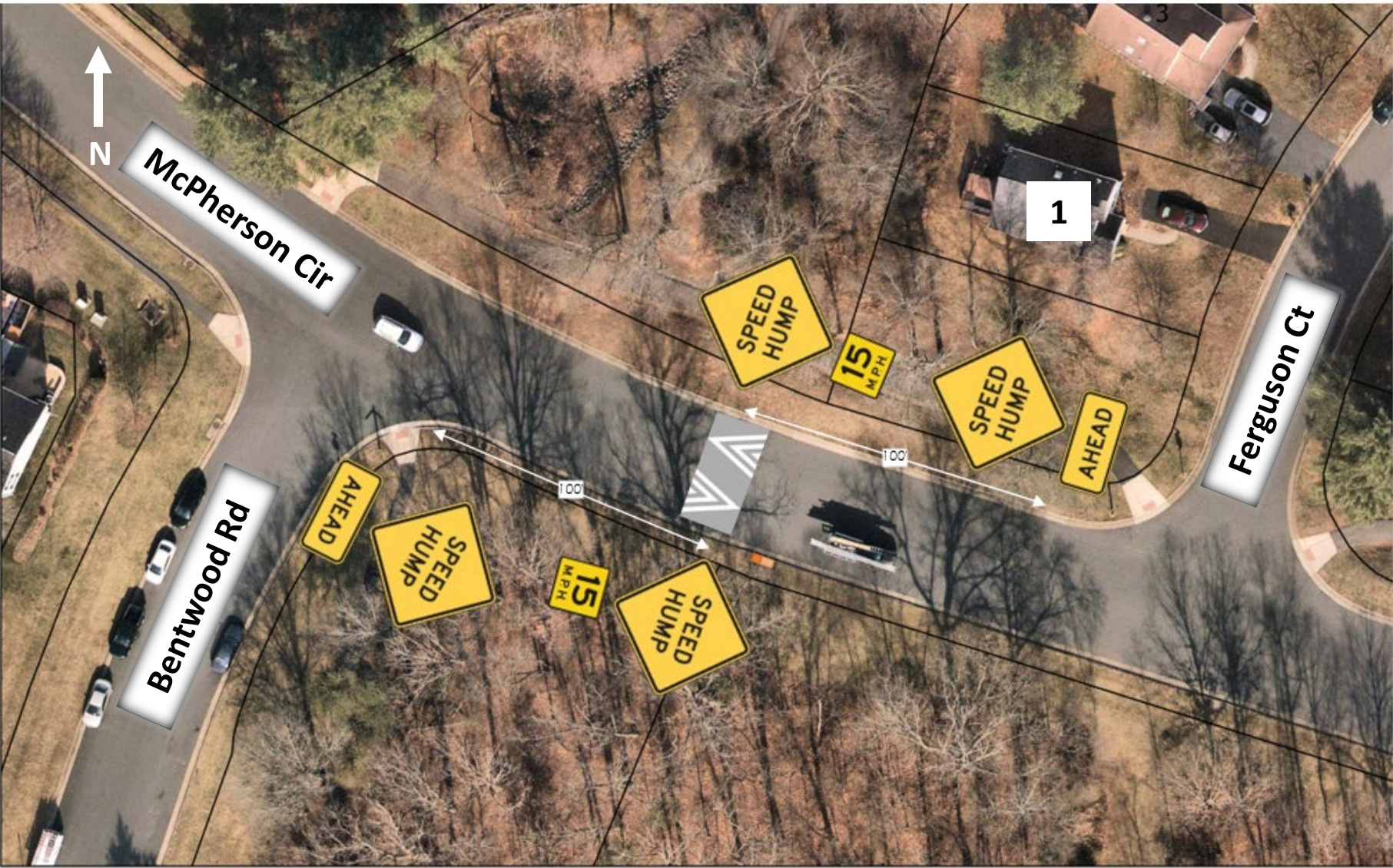
Inset 1: Raised Crosswalk





Inset 2: Speed Hump

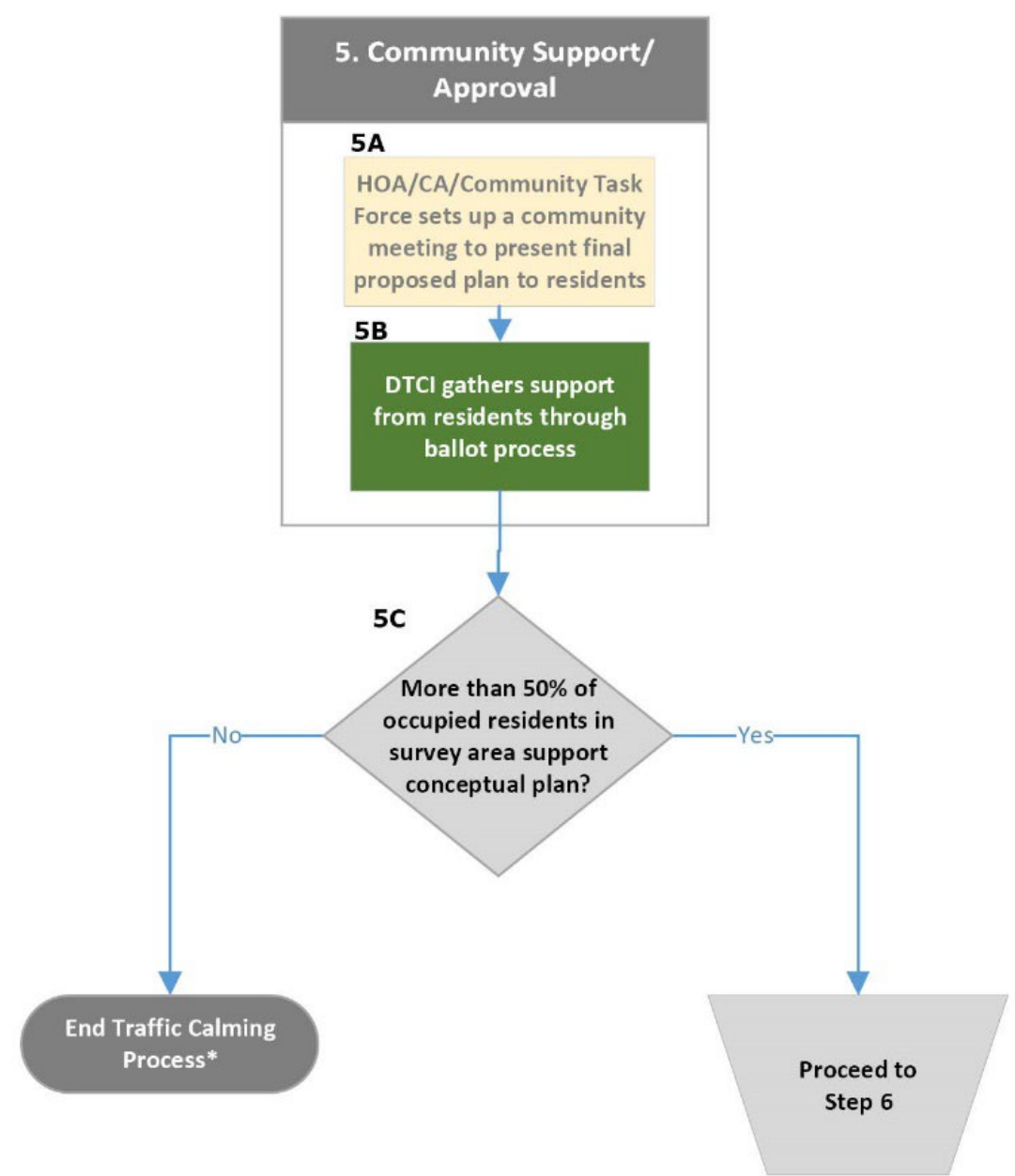




Inset 3: Speed Hump

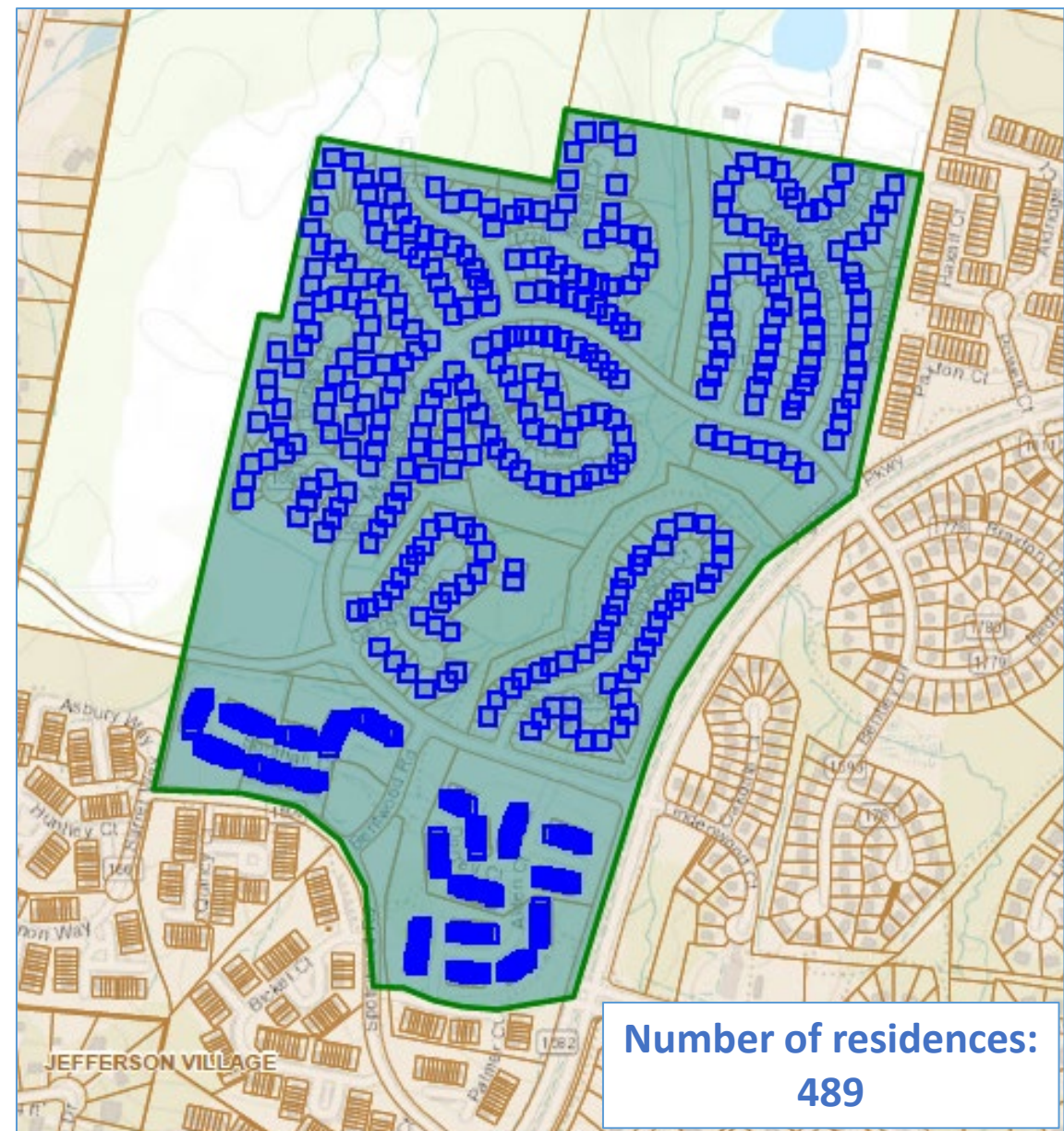
Step 5: Community Support / Approval

- 5A. DTCI presents the concept plan to the community
- 5B. DTCI/HOA collect resident input via ballot process



Ballot Survey Area

- Including residences
 - On the street identified for traffic calming, and,
 - On other streets whose primary access point is on the street identified for traffic calming.

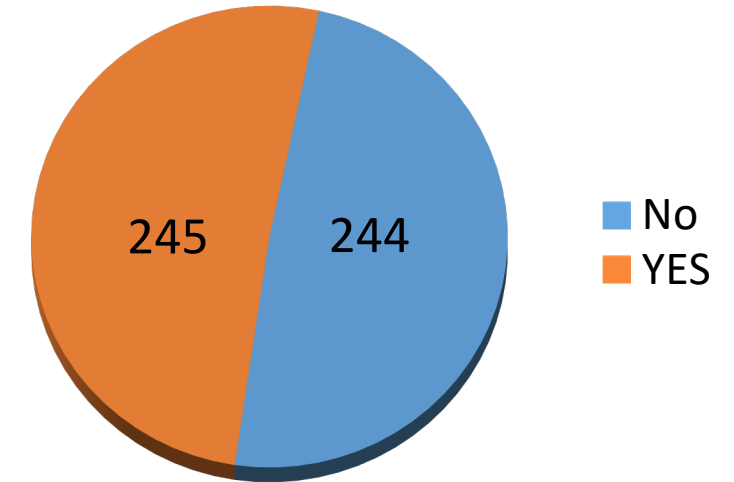


Ballot Rules

- More than 50% of residences must support the plan
- Survey must be completed within 30 days
- No extensions will be approved
- Only occupied residences are included in the ballot
- Each address is allowed a single signature

All ballots will be collected by DTCI

489 Residents

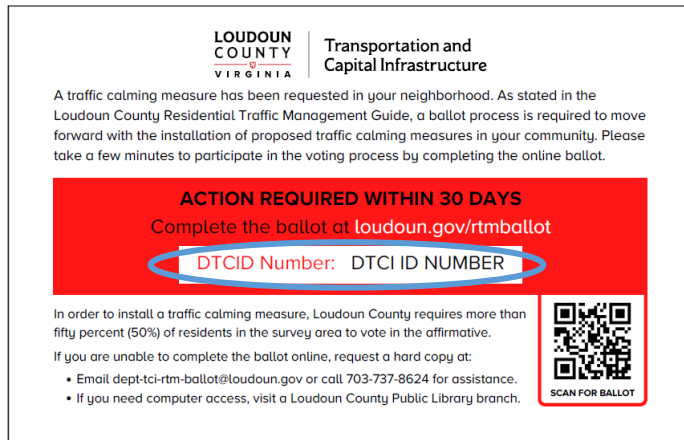
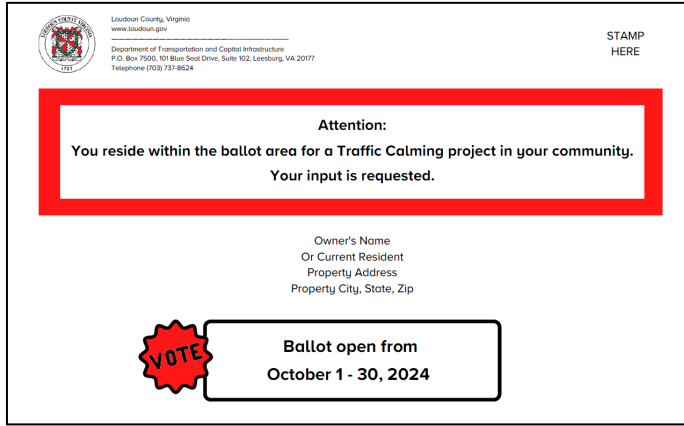


Missing ballot?

Send email to
rtmballot@loudoun.gov

Ballot Documents

- Postcard



- Loudoun County Website

Countryside - McPherson Circle

Background

The Loudoun County Department of Transportation and Capital Infrastructure (DTCI) is soliciting feedback from the residents of the Countryside-McPherson Circle community. For voting, please identify which ballot area you reside in. The alpha-numeric code begins with your ballot area number.

- [Review Ballot Letter \(PDF\)](#)

As dictated in Loudoun County's [Residential Traffic Management Guide \(PDF\)](#), to advance to the next step, the County will require more than fifty percent (50%) affirmative response from the survey area as highlighted on the map.

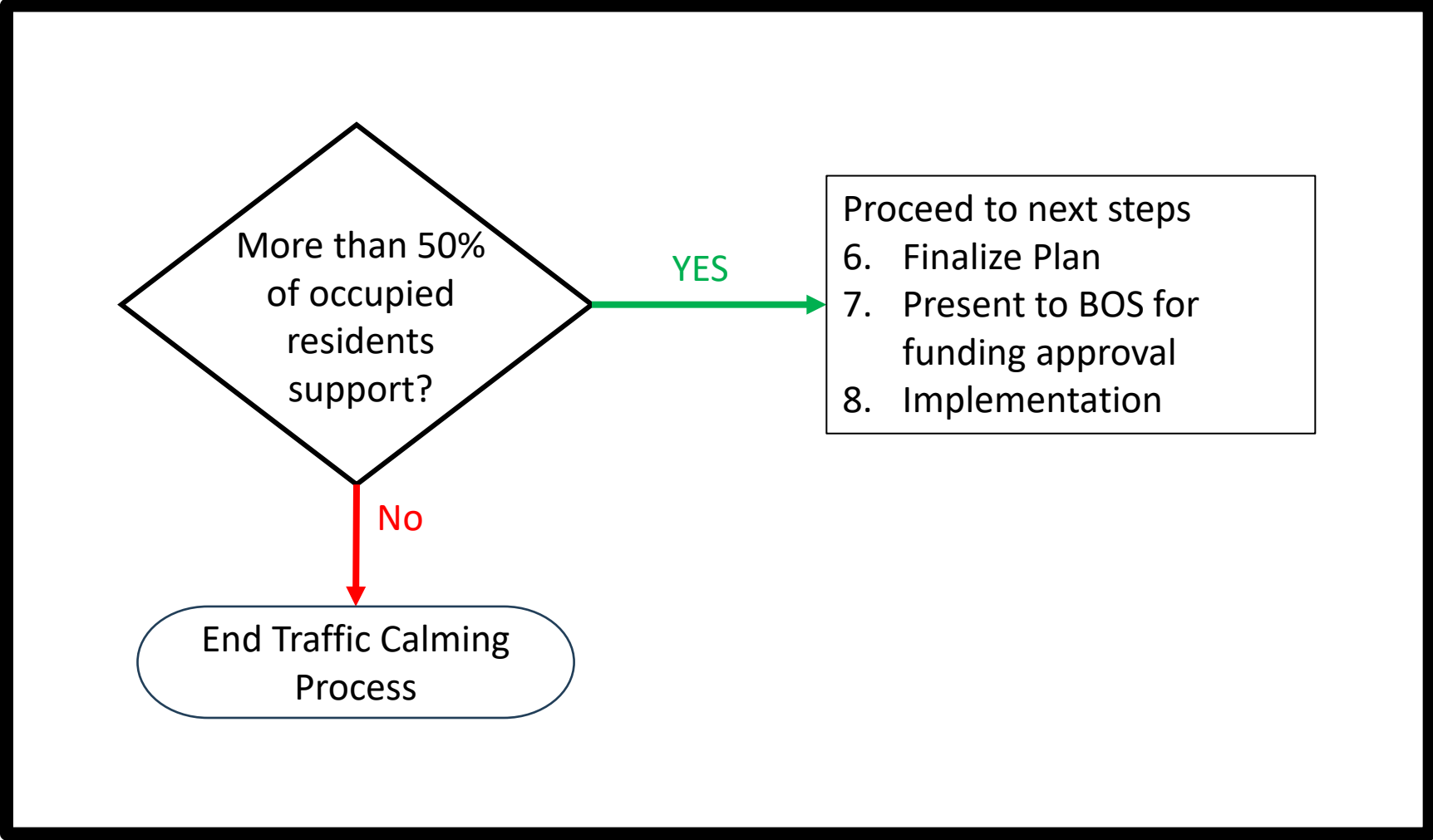
Map

Map of Ballot Area

Vote Here - October 1 - 30

A traffic calming measure has been requested in your neighborhood. On this form, you will be asked if you support the implementation of the proposed traffic calming plan illustrated on the map above. As a reminder, you will need the alpha-numeric code you received by postcard to your street address. The alpha-numeric code begins with your ballot area number. **Please vote on traffic calming measures in your community.**

Ballot Results



Comments or Questions?

Step 1: Initial Contact & Review

- Eligibility requirements:
 - ✓ must be VDOT owned and maintained road
 - ✓ must be a *neighborhood street* where residents connect to roadway via driveways
 - ✓ must have a posted speed limit of 25 MPH or less

Step 2: Traffic Calming Study Request

- An official letter from the Community requesting a traffic calming study is submitted to DTIC
 - Received on September 6, 2022

Proposed Traffic Calming Plan

- Proposed improvements include:
 - 1 Raised Crosswalk
 - 2 Speed Humps



