

# Traffic Calming and Huntridge Road Update

Board of Supervisors Work Session

November 18, 2025

# Traffic Calming History

- Concerns about speeding on residential streets are a frequently raised citizen issue.
- Most residential streets are posted for 25 mph.
- Neighborhood speeding is a quality of life issue and few traffic crashes occur on residential streets.
- The Board of Supervisors has held three work sessions in ten years:
  - **February 2016:** Reviewed traffic calming measures in other localities and recommended \$200 fine speed zone areas on Meadowlark Road and Canter Drive;
  - **October 2019:** Discussed through truck restrictions and traffic calming that started outreach efforts for Meadowlark Road and Canter Drive speed boards; and
  - **July 2023:** Provided a traffic calming overview and results from Meadowlark Road and Canter Drive speed boards.

# VDOT Traffic Calming Measures (2018 Guide)

**Traffic Calming:** Measures implemented to support the livability and vitality of residential and commercial areas through physical design measures and strategies to reduce vehicle speeds and improve safety for motorists and other road users.

## Non-Intrusive Measures

- Community education
- Community gateways
- Pavement marking changes
- Speed display signs
- Additional \$200 Fine signs

## Horizontal, Vertical and Narrowing Devices

- Speed Hump, Lump, Table
- Raised Intersections, Crosswalks, Median Islands
- Crosswalk Refuge
- Chicane
- Choker
- Curb Extension

# VDOT Traffic Calming Measures (2018 Guide)

## Process:

1. Community members contact the locality; staff coordinates with VDOT to determine eligibility (State system, in a neighborhood where houses face the street, 25 mph speed limit or less).
2. Homeowners' Association or Civic Association requests approval from the Board of Supervisors to pursue traffic calming on the proposed street, conduct an engineering review and pursue a traffic calming study.
3. Locality conducts an engineering review, traffic count and speed study; VDOT reviews results.
4. Locality and VDOT develop a conceptual traffic calming plan; agreement must be secured for each affected property owner of a residence or business where the physical location of a proposed traffic calming device or some portion lies within the roadway frontage of the property boundary.
5. The proposed traffic calming plan and supporting information is presented or provided to the community located within the identified survey area for review (community meeting, mailing or other means to inform the community). Community support is measured and documented through a petition, survey or other process.
6. If the community approves, the Board of Supervisors endorses the plan by a resolution.
7. VDOT will review the proposed plan, resolution and survey results to consider implementation through VDOT contract forces or the Locality. Funding sources typically include secondary or locality funds.
8. VDOT will inspect the project when construction is complete. A follow-up evaluation may be conducted to determine effectiveness.

# Countywide Speed Studies (Covert) 1/1/2024-11/2025

Roadway	District	Speed Limit	85th %	MPH Over Speed Limit
Mayfield Drive	Vinton	25	37	12
Carson Road	Vinton	25	37	12
West Ruritan Road	Hollins	35	45	10
West Riverside Drive	Catawba	30	40	10
Olsen Road	Hollins	25	34	9
Poplar Drive	Cave Spring	25	33	8
Huntridge Road	Hollins	25	33	8
Webster Drive	Hollins	25	31	6
Bonsack Road	Vinton	35	41	6
Bandy Road	Vinton	35	40	5
West Main Street	Catawba	55	60	5
Summerfield Drive	Hollins	25	29	4
Hunt Camp Road	Cave Spring	25	29	4
Meadowlark Road	Cave Spring	25	28	3
Willowlawn Street	Windsor Hills	25	28	3
Flora Farm Road	Hollins	25	26	1
Starkey Road	Cave Spring	25	25	0
Shadwell Drive	Hollins	45	44	-1
Ridgecrest Lane	Hollins	25	24	-1

# Top Five Highest Speeding Roadways 1/1/2024-11/2025

Roadway	District	Speed Limit	Covert Speed Spy		Visible Speed Board		Reduction in Speed (MPH)
			85th %	MPH Over Speed Limit	85th %	MPH Over Speed Limit	
Alleghany Dr.	Catawba	25	41	16	34	9	7
Mayfield Drive	Vinton	25	37	12	37	12	0
Carson Rd.	Vinton	25	37	12	34	9	3
Olsen Rd.	Hollins	25	34	9	28	3	6
Huntridge Rd.	Hollins	25	33	8	33	8	0

# Enforcement Activities 1/1/2024-11/2025

Roadway	Traffic Stops	Summons	Warnings	Total
W. Main St.	266	270	123	393
Starkey Rd.	344	204	148	352
Carson Rd.	108	122	43	165
Bandy Rd.	95	129	31	160
W. Riverside Rd.	61	72	22	94
Huntridge Rd.	77	60	31	91
Poplar Dr.	6*	36*	2	38
Mayfield Dr.	12	22	3	25
Shadwell Dr.	21	16	6	22
Willowlawn Rd.	11	19	2	21
W. Ruritan Rd.	21	6	5	11

Roadway	Traffic Stops	Summons	Warnings	Total
Bonsack Rd.	8	8	3	11
Olsen Rd.	4	5	4	9
Meadowlark Rd.	6	4	2	6
Ridgecrest Dr.	9	0	4	4
Webster Dr.	2	1	0	1

\* Checkpoint enforcement data included, does not populate statistically as a traffic stop



# Traffic Calming Success

There has been some success with using speed boards for traffic calming. Pilot program speed boards were installed on Canter Drive and Meadowlark Road in 2021. It was decided in 2023 to keep them in place.

## Canter Drive

**Posted Speed Limit:** 25 mph

**85<sup>th</sup> percentile:**

- 36 mph (04/2014)
- 35 mph (06/2019)

**After Speed Board Installed:**

- 31 mph (08/2022)
- 33 mph (03/2025)



## Meadowlark Road

**Posted Speed Limit:** 25 mph

**85<sup>th</sup> percentile:**

- 32 mph (2/2014)
- 33 mph (8/2019)

**After Speed Board Installed:**

- 30 mph (08/2022)
- 29 mph (03/2025)

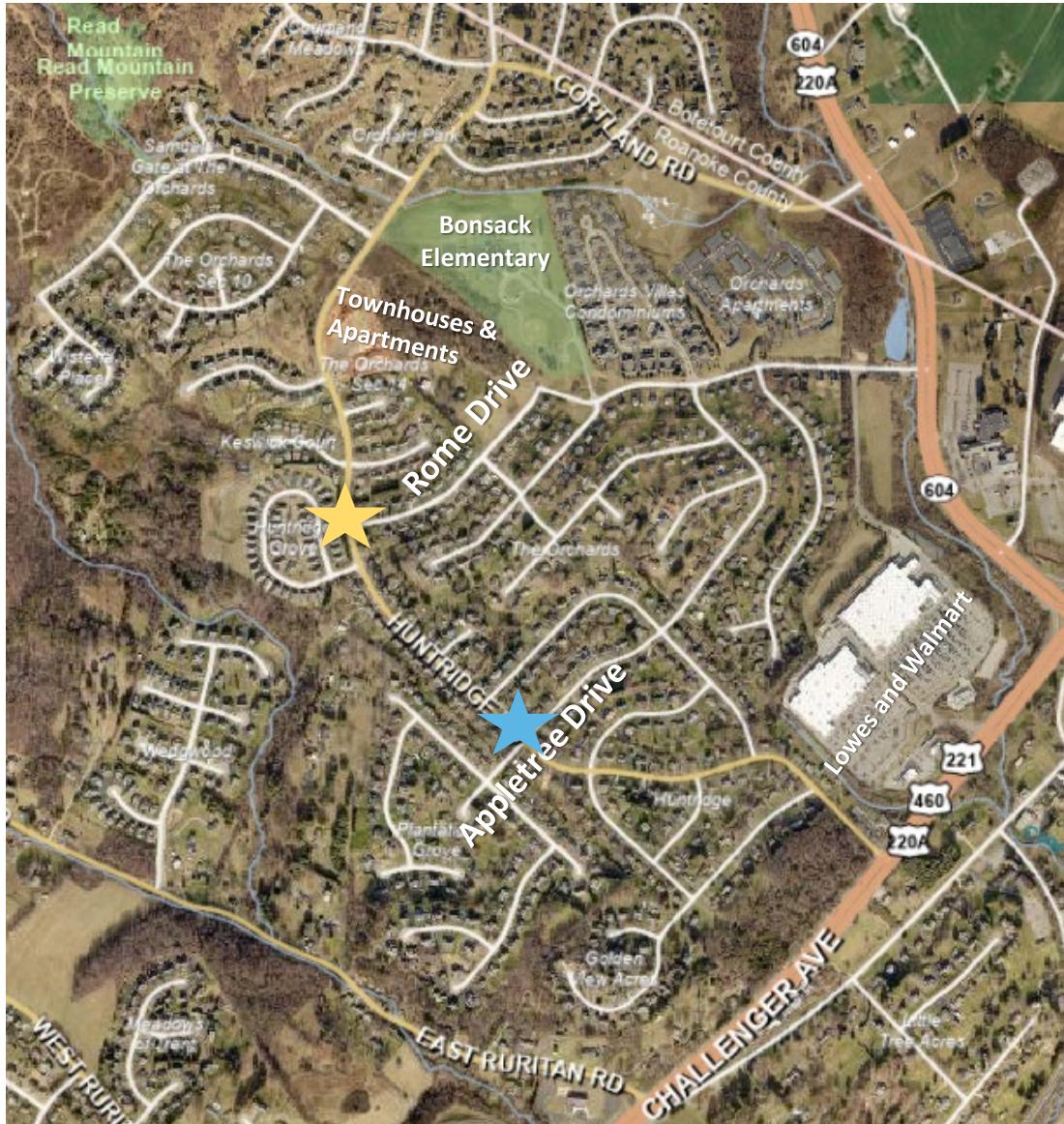


# Huntridge Road Speeding Concerns



- Roanoke County receives frequent complaints about speeding on Huntridge Road.
- County Police and VDOT primarily look at the 85th percentile speed. 85 percent of drivers are driving slower than this speed, and 15 percent are driving faster than this speed.
- Over the past several months, the Roanoke County Police Department and VDOT have been collecting data on vehicle speeds and road usage.

# Data Collection on Huntridge Road



Several rounds of speed studies have been conducted in 2025. 85<sup>th</sup> percentile covert Speed Spy data shows:

- ★ 1. **5700 block of Huntridge Road near Rome Drive**
  - May: 33.87 miles per hour
  - October: 33.3 miles per hour
- ★ 2. **5100 block of Huntridge Road near Appletree Drive in September**
  - Sept/Oct: 31.0 miles per hour

# Community Engagement

- Speeding data and three potential solutions were presented at the October 6<sup>th</sup> Hollins Community Meeting with a survey to provide feedback.
- A fourth potential solution was added to the updated survey, which was mailed out to 1,460 property owners and renters later that week.
- 384 surveys were completed by November 3<sup>rd</sup>.
- 52 surveys (14%) were completed by residents who live on Huntridge Road.

# Proposed Traffic Calming Measures



1. Additional \$200 Speeding Fine with signs installed on existing 25 MPH signs.
2. Permanent speed board installation along Huntridge Road.

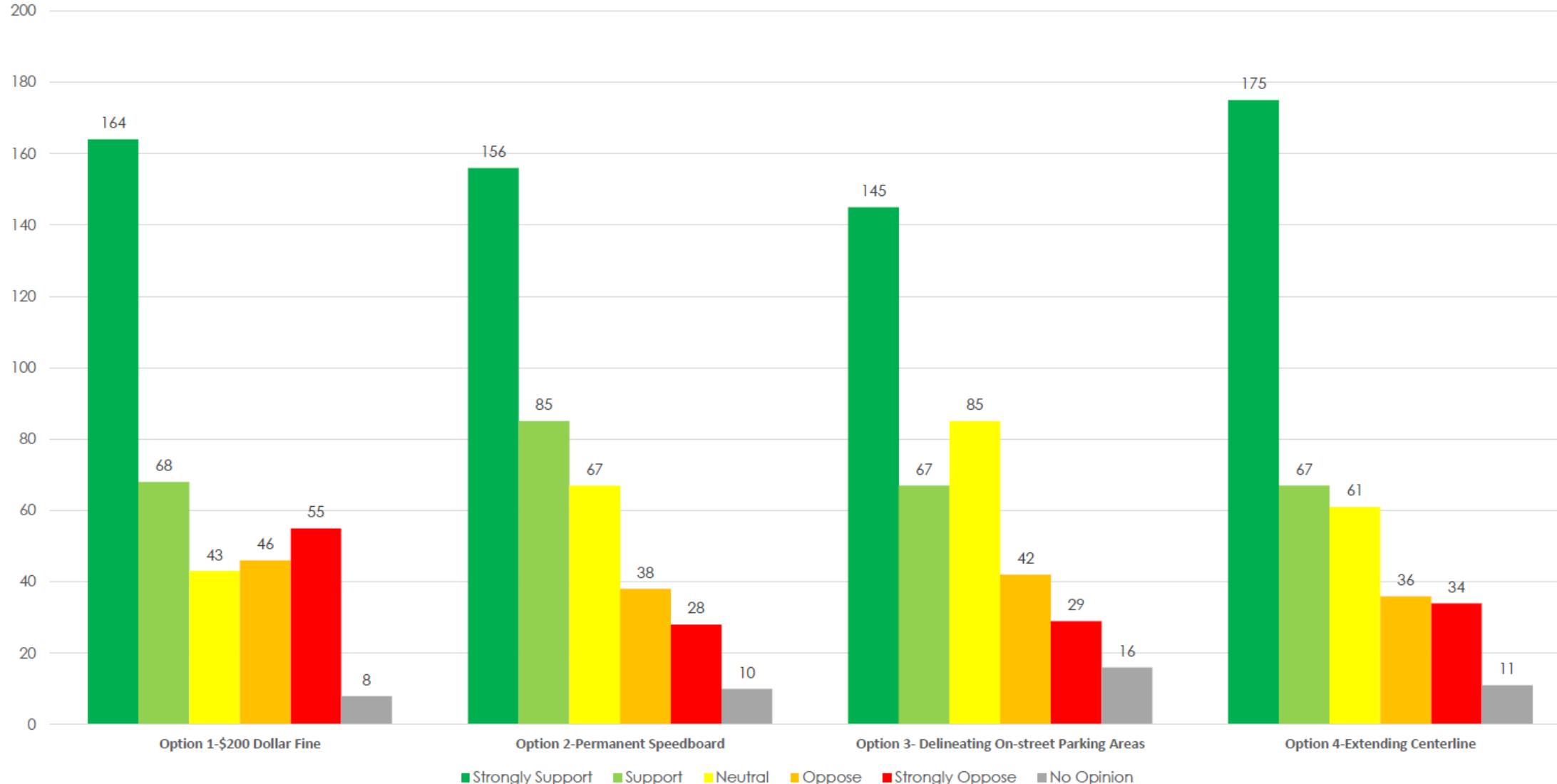
3. Striping one side of Huntridge Road for on-street parking in the curb and gutter section from Golden Circle to Cortland Road (narrows the perception of the roadway to slow drivers).

4. Extend the double yellow centerline from Labradore Drive to Courtland Road to create clearly defined travel lanes for motorists.



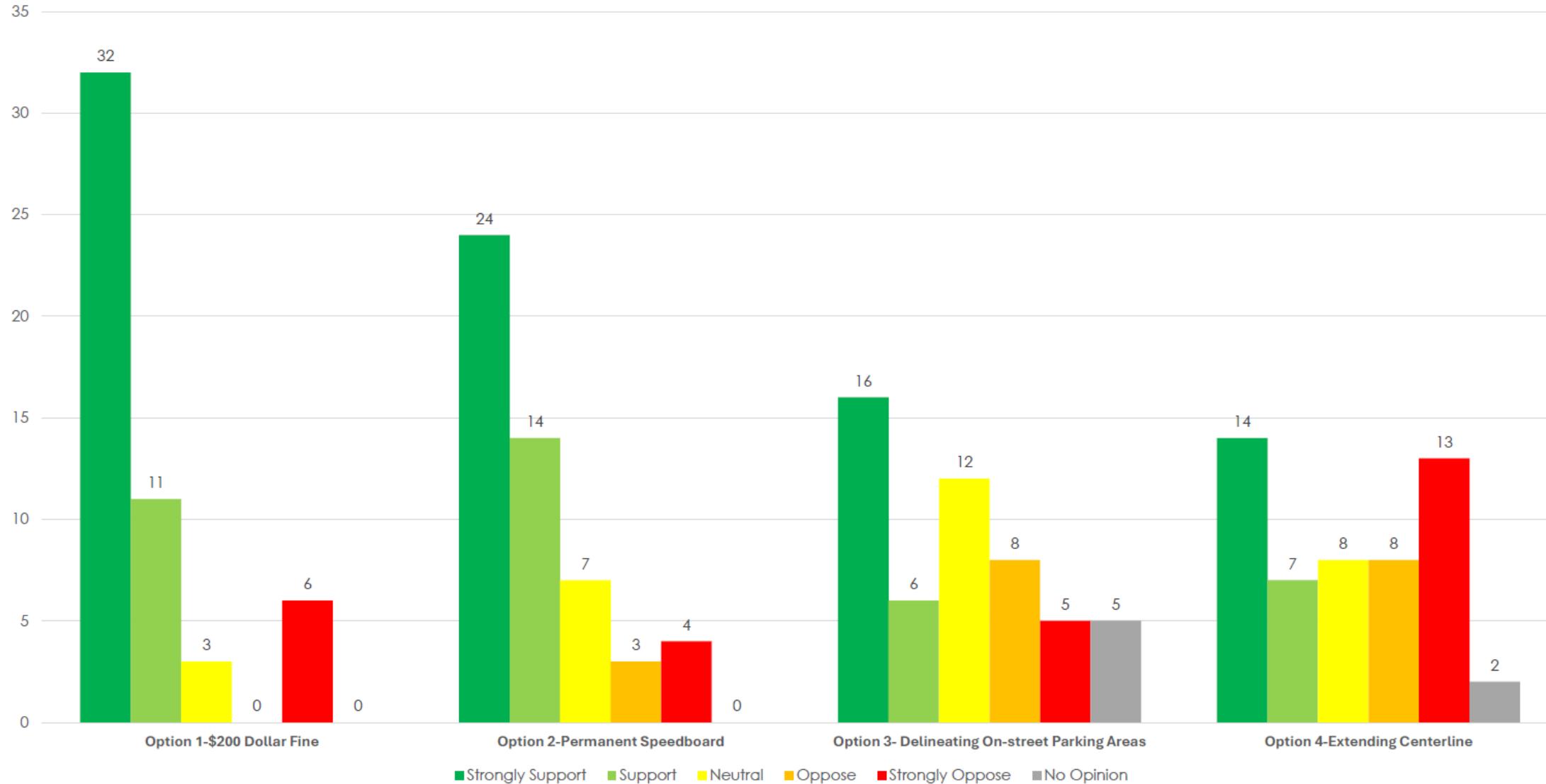
# Survey Results

## Survey Response Results



# Survey Results

## Huntridge Road Survey Responses



# Survey Results

- Additional \$200 Speeding Fine

	Strongly Support/Support	Oppose/Strongly Oppose
All Respondents (384)	239	62%
Huntridge Road Respondents (52)	43 (most support)	82%

- Permanent speed board installation along Huntridge Road

	Strongly Support/Support	Oppose/Strongly Oppose
All Respondents (384)	247 (tied for most support)	64%
Huntridge Road Respondents (52)	38	73%

- Striping one side for on-street parking from Golden Circle to Cortland Road

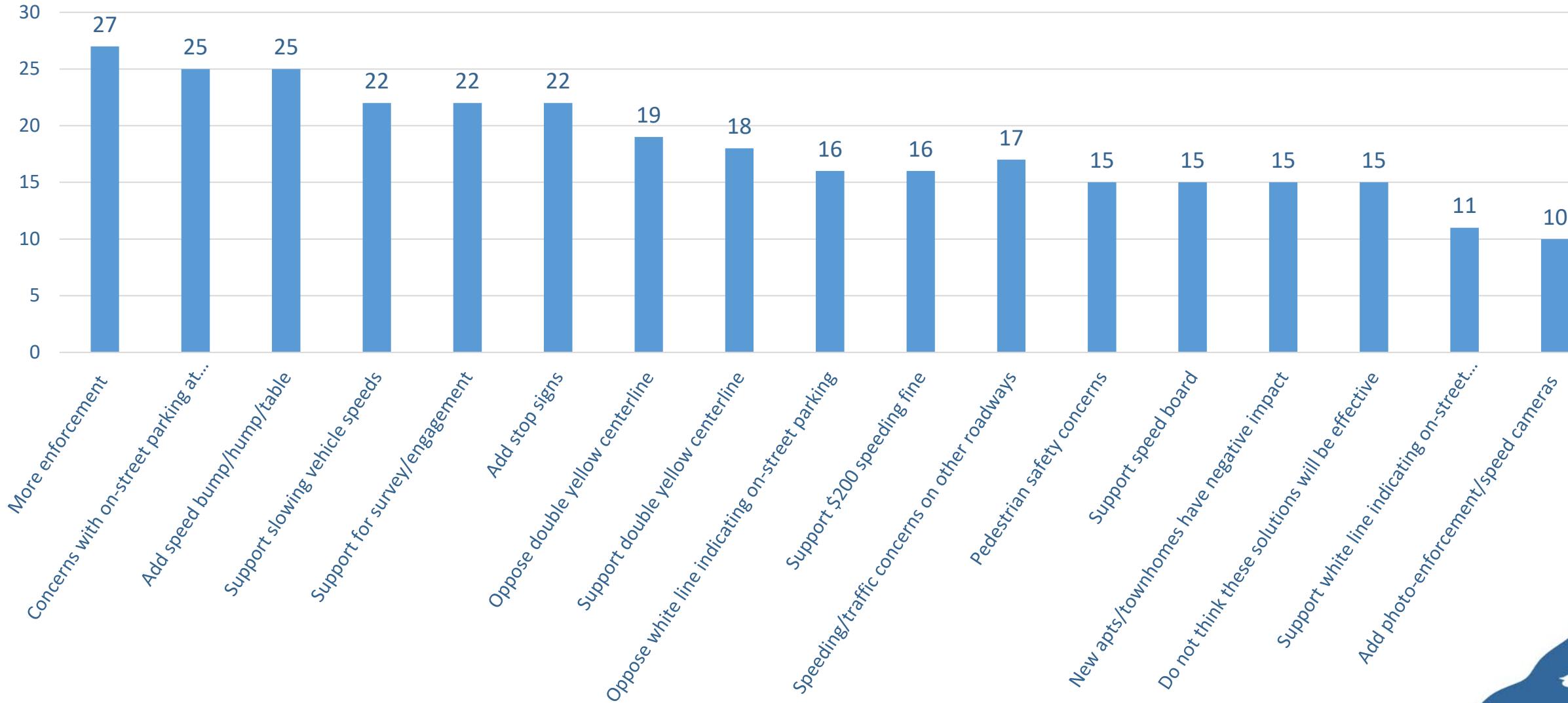
	Strongly Support/Support	Oppose/Strongly Oppose
All Respondents (384)	216 (least support)	56%
Huntridge Road Respondents (52)	22	42%

- Extend the double yellow centerline from Labradore Dr. to Courtland Rd

	Strongly Support/Support	Oppose/Strongly Oppose
All Respondents (384)	247 (tied for most support)	64%
Huntridge Road Respondents (52)	21 (least support)	40%

# Survey Results

## Open-Ended Response Topics



# Implementation Timeframe

1. Additional \$200 Speeding Fine with signs installed on existing 25 MPH signs.
  - **Three months** to obtain a resolution of support from the Board of Supervisors, submit and obtain a VDOT Land Use Permit, purchase and install signs; approximate cost: \$500.
2. Permanent speed board installation along Huntridge Road.
  - **Six to nine months** to conduct field work to determine appropriate location(s), obtain a resolution of support from the Board of Supervisors, submit and obtain a VDOT Land Use Permit, purchase, and install signs; approximate cost: \$3,000 each plus installation.
3. Striping one side of Huntridge Road for on-street parking in the curb and gutter section from Golden Circle to Cortland Road.
  - **Three to six months** for VDOT to study the roadway, schedule, and complete the striping when weather permits; no cost to Roanoke County.
4. Extend the double Yellow Centerline from Eastern Labradore Dr. to Cortland Rd.
  - **Three to six months** for VDOT to study the roadway, schedule, and complete the striping when weather permits; no cost to Roanoke County.

# Questions

