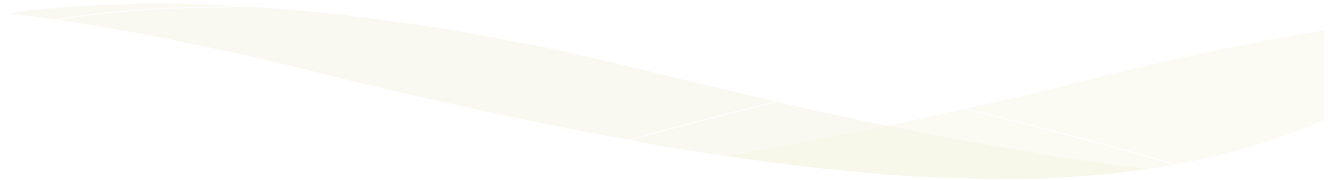


Mount Vernon Avenue North Complete Streets Project

Community Engagement Summary | June 2022



Project Overview

Scope

- Signalized intersection improvements on Mt. Vernon Avenue between Glebe Road and Four Mile Road

Background

- Arlandria-Chirilagua Plan (2021)
- Alexandria Mobility Plan (2021)
- Alexandria Transit Vision Plan (2019)
- Vision Zero Action Plan (2017)
- Transportation Master Plan: Pedestrian & Bicycle Chapter (2016)

Project Goals

- Improve pedestrian safety
- Reduce vehicle speeds
- Minimize conflicts between users
- Improve access to transit
- Preserve parking

Funding

- \$2M in grant funding from the Virginia Department of Transportation

Existing Conditions

Intersections

- 4 signalized intersections

Crashes

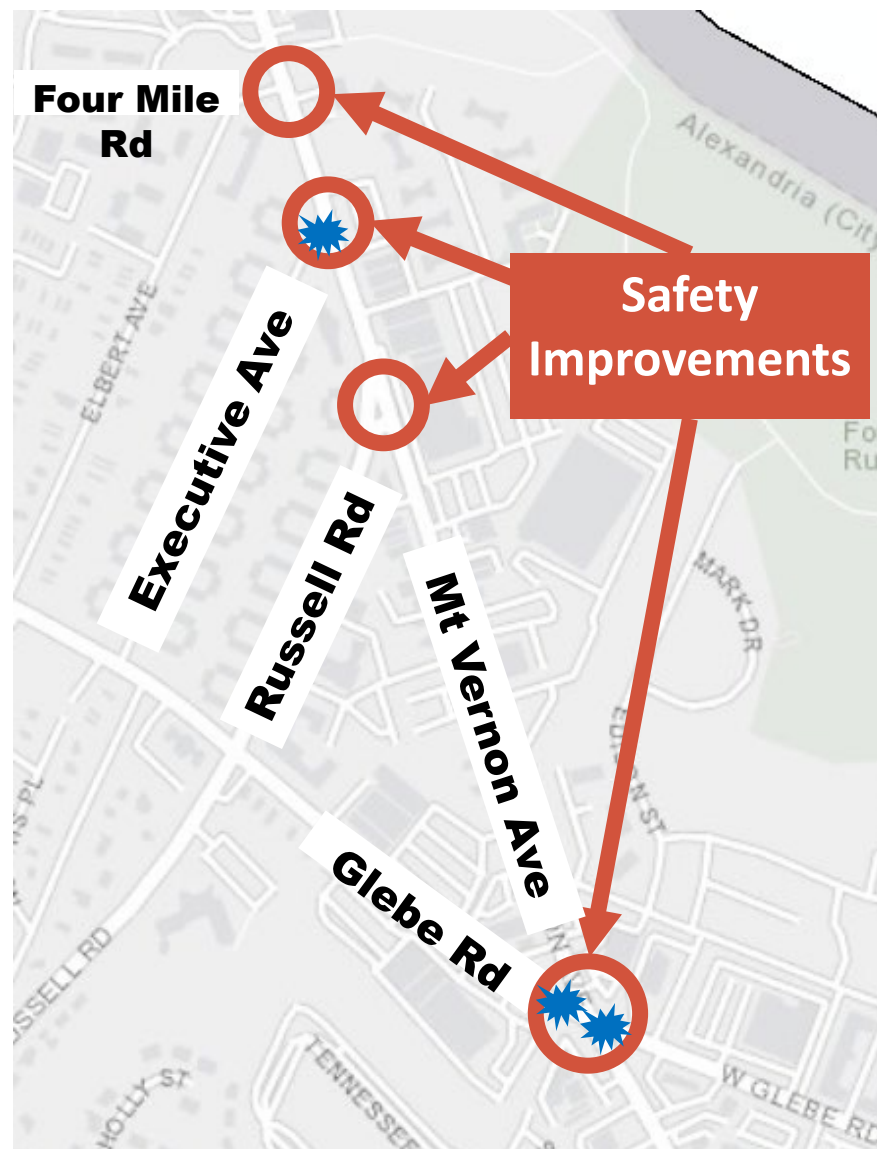
- 3 fatal pedestrian crashes 

Transit

- Multiple bus routes; 8 bus stops
- Limited bus stop amenities

Cross-Section

- 4 lanes between Four Mile Rd and Russell Rd; transitions to 2 lanes + parking



Existing Conditions

Intersections

- 4 signalized intersections

Crashes

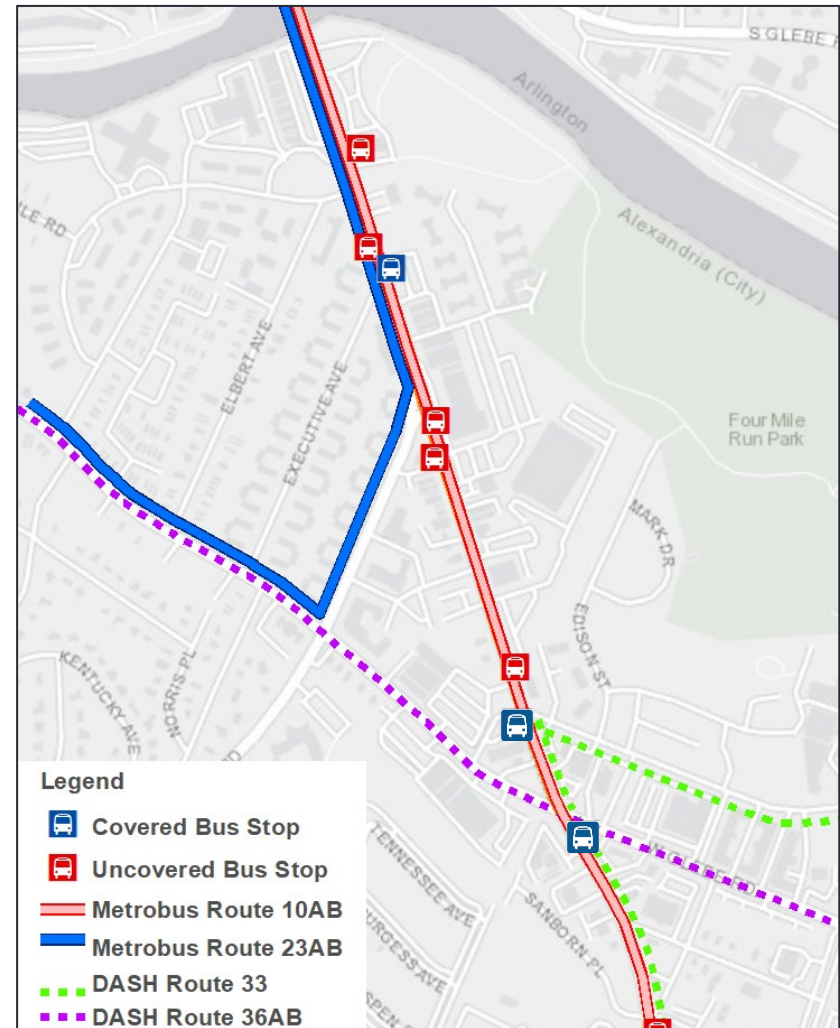
- 3 fatal pedestrian crashes

Transit

- Multiple bus routes; 8 bus stops
- Limited bus stop amenities

Cross-Section

- 4 lanes between Four Mile Rd and Russell Rd; transitions to 2 lanes + parking



Past Community Comments



- Variety of modes
 - High instances of people walking, riding the bus, bicycling, and driving
- Desire for:
 - Additional crosswalks
 - More and better bus shelters
 - Bicycle lanes
 - Reduced speeding and cut-through traffic
 - Preserving parking
 - More green space
 - Minimal traffic congestion

Past Community Comments



"Due to no bus shelters, people come to Casa Chirilagua when it rains to wait for the bus."

"The intersection of Mt Vernon and Glebe is ghastly! Very high traffic, loud, no shade, difficult and dangerous to cross on foot or bike, and a bit of an eyesore."

Conceptual Design + Community Engagement



Community Outreach May-June 2022

- Project webpage
- Direct stakeholder communication
- Posters at bus stops
- eNews announcement
- Social media
- Online feedback form
- In-person public meeting
- All materials bilingual

Four Mile Road

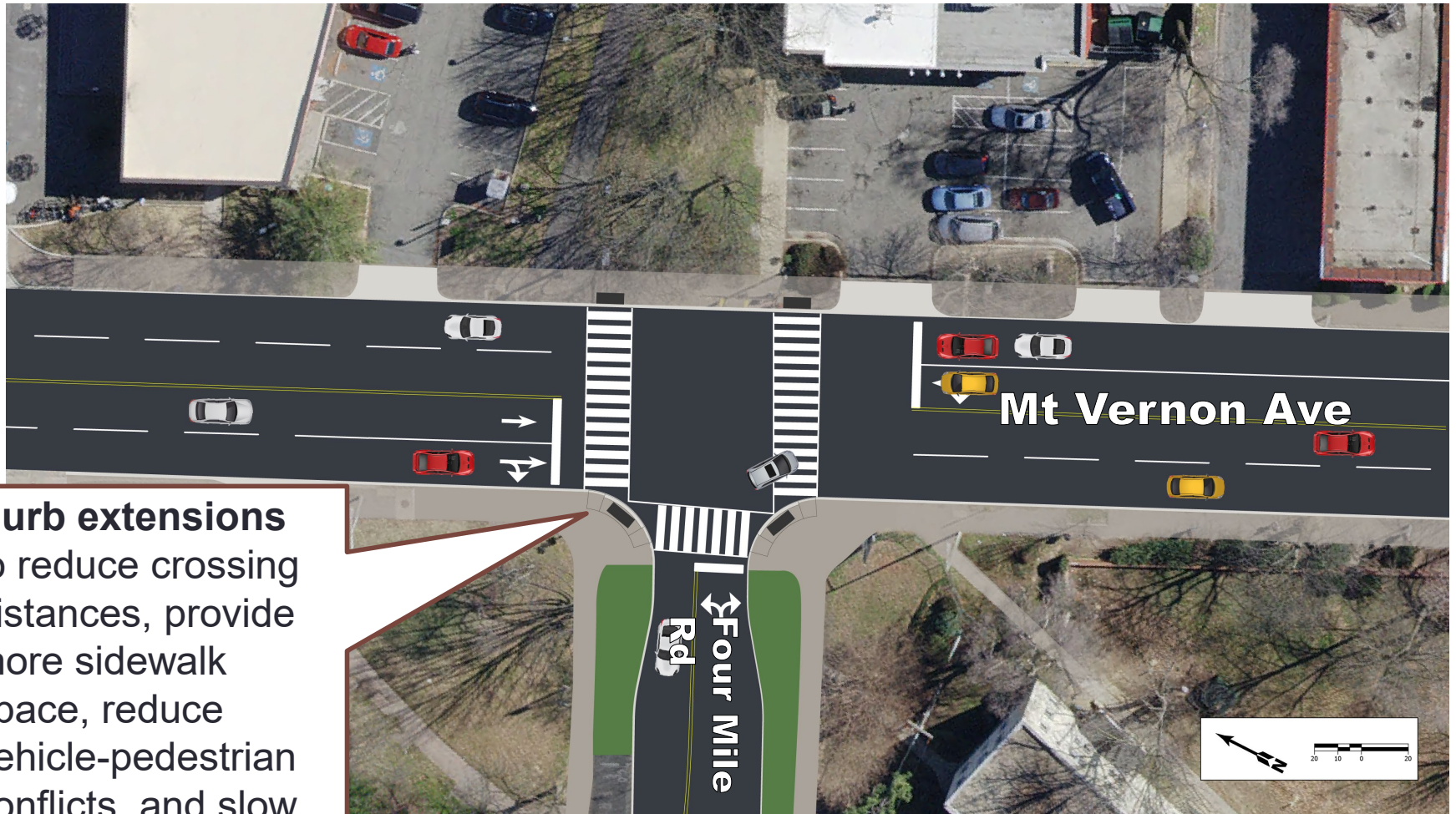
Existing

- Access to Four Mile Run Park Trail and Casa Chirilagua
- Long crossing distances
- Four Mile Rd approach treated as multiple lanes



Four Mile Road

Design Option 1 of 1



Four Mile Road

Design Option 1 of 1

3.4★

Average Rating



Based on **204** responses



53% **liked** this option



19% **disliked** this option



28% were **neutral** or had **no opinion**

What people liked:

- Curb extensions reduce crossing distances (60%, 125 respondents)
- Tighter corners slow down turning vehicles (55%, 114)
- Signal timing adjustments reduce wait times for people crossing (51%, 106)

What people disliked:

- No bicycle facilities

“Needs clarity for bikes crossing from Four Mile Run Trail.”

- Alexandria resident, online survey

Executive Avenue

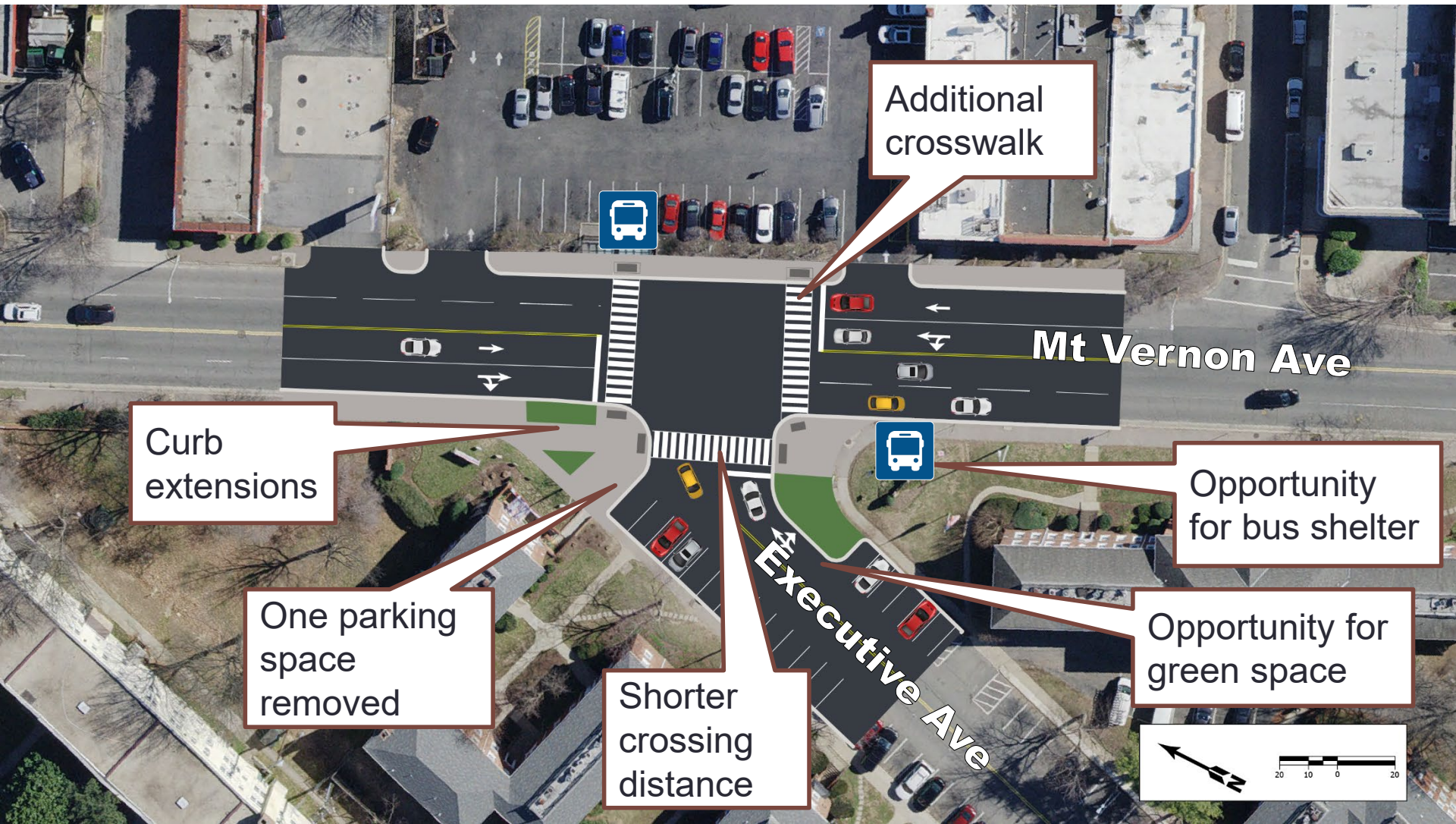
Existing

- Long crossing distances
- Fast turns onto Executive Avenue
- Limited crossing opportunities
- Limited bus stop amenities



Executive Avenue

Design Option 1 of 1



Additional crosswalk

Mt Vernon Ave

Curb extensions

Opportunity for bus shelter

One parking space removed

Opportunity for green space

Shorter crossing distance

Executive Ave



Executive Avenue

Design Option 1 of 1

“This is a high priority.”

- Alexandria resident, online survey

3.8★

Average Rating



Based on **189** responses



70% **liked** this option



13% **disliked** this option



17% were **neutral** or
had **no opinion**

What people liked:

- Curb extensions reduce crossing distances (69%)
- Tighter corners slow down turning vehicles (58%)
- Shelter for southbound bus stop (56%)
- Opportunity to add green space and pedestrian amenities (62%)
- Additional crosswalk provides easier access to bus stop (52%)

What people disliked:

- Tight corners are more challenging for drivers
- No bicycle facilities

Russell Road

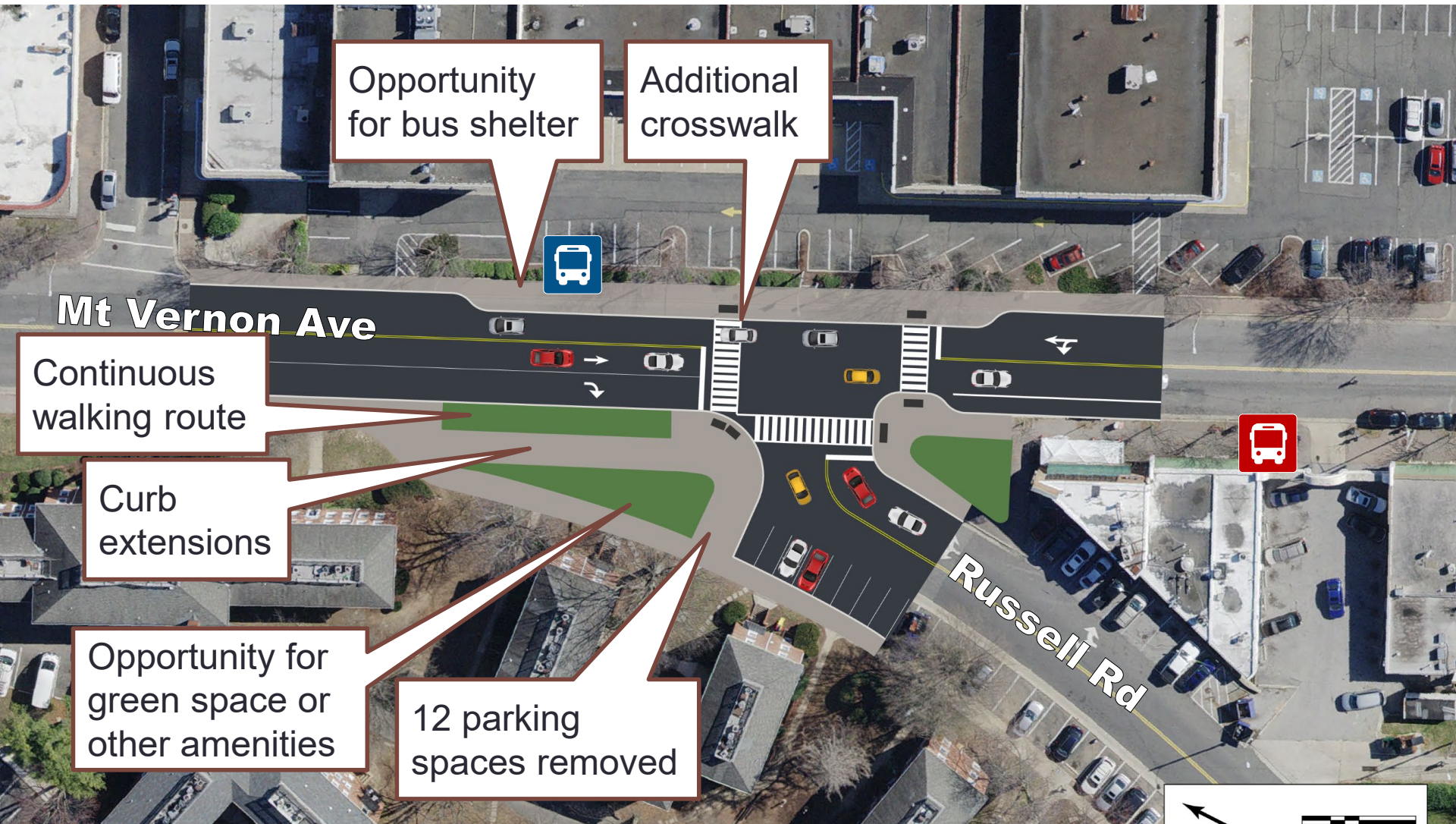
Existing

- Long crossing distances
- Fast turns onto Russell Rd
- Limited crossing opportunities
- Inconvenient pedestrian route
- No bus stop amenities



Russell Road

Design Option 1 of 2



Opportunity
for bus shelter

Additional
crosswalk



Mt Vernon Ave

Continuous
walking route

Curb
extensions

Opportunity for
green space or
other amenities

12 parking
spaces removed

Russell Rd



Russell Road

Design Option 1 of 2

"Hate to lose so many parking spaces but the benefits here seem ample enough to justify it."

- Alexandria resident, online survey

3.6★

Average Rating



Based on **188** responses

What people liked:


- Closed slip lane provides safe, continuous walking path across Russell Road (69%, 131 respondents)
- Adds a crosswalk (68%, 130)
- Reduces crossing distances (65%, 124)
- Curb extensions slow turning vehicles (51% 97)
- More sidewalk space and potential for landscaping or furnishing (58%, 111)

What people disliked:

- Concern about closed slip lane creating traffic backups
- Loss of parking

 63% **liked** this option

 19% **disliked** this option

 18% were **neutral** or had **no opinion**

Russell Road

Design Option 2 of 2



On-street parking and dedicated turn lane

Possible opportunity for bus shelter

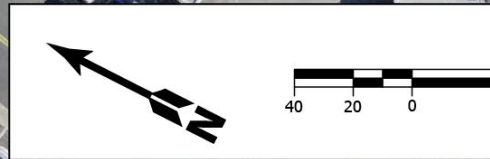
Additional crosswalk

Continuous walking route

Opportunity for green space or other amenities

8 parking spaces removed

Curb extensions



Russell Road

Design Option 2 of 2

Confusing with parking two ways.

- Alexandria resident, online survey

3.0★

Average Rating



Based on **168** responses

What people liked:


- Closed slip lane provides safe, continuous walking path across Russell Road (58%, 98 respondents)
- Adds a crosswalk (65%, 109)
- Reduces crossing distances (59%, 99)
- More sidewalk space and potential for landscaping or furnishing (52%, 88)

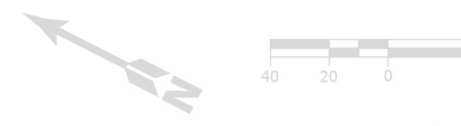
What people disliked:

- Concern that closed slip lane could cause traffic backups
- Parking spaces prevent opportunity for more green space

 42% **liked** this option

 36% **disliked** this option

 22% were **neutral** or had **no opinion**



Glebe Road

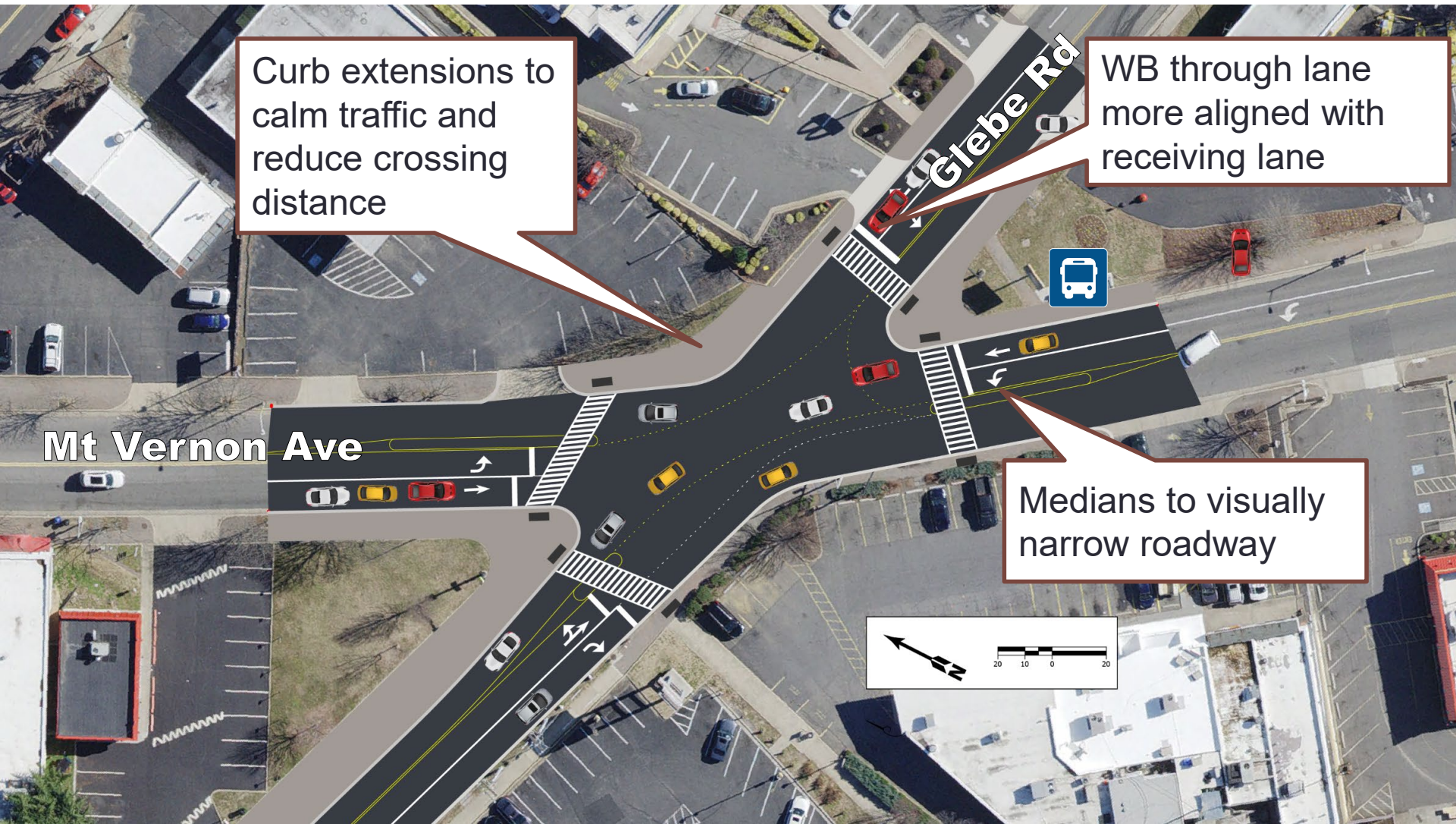
Existing

- Long crossing distances
- Intersection angle encourages fast turns
- Multiple people killed while walking



Glebe Road

Design Option 1 of 3



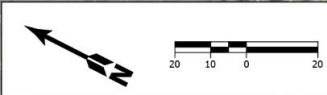
Curb extensions to calm traffic and reduce crossing distance

WB through lane more aligned with receiving lane

Mt Vernon Ave

Glebe Rd

Medians to visually narrow roadway



Glebe Road

Design Option 1 of 3

2.9★

Average Rating



Based on **186** responses

What people liked:

- **Reduces crossing distances and angles** (65%)

What people disliked:

- **No significant improvements**
- Intersection still **skewed**



36% **liked** this option



33% **disliked** this option



31% were **neutral** or had **no opinion**

“Seems to prioritize vehicle throughput and makes only modest pedestrian improvements.”

- Alexandria resident, online survey

Glebe Road

Design Option 2 of 3



Modified roundabout reduces vehicle speeds and reduces opportunity for severe crashes

Mt Vernon Ave

Pedestrian refuge areas

Reduced crossing distances



Glebe Road

Design Option 2 of 3

“ I actually like it, but to be blunt, I think people would freak out.”
- Alexandria resident, online survey

3.4★

Average Rating



Based on **169** responses

 56% **liked** this option

 36% **disliked** this option

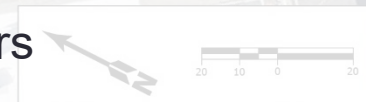
 8% were **neutral** or had **no opinion**

What people liked:

- **Pedestrian refuge** areas on all sides of intersection (63%)
- Ensures continuous **traffic flow** at safe speeds (60%)
- **Reduces crossing distances** (68%)
- **Reduces number of crash points** and likelihood of severe crashes (59%)
- Provides opportunity to create **green space** or a neighborhood gateway (59%)

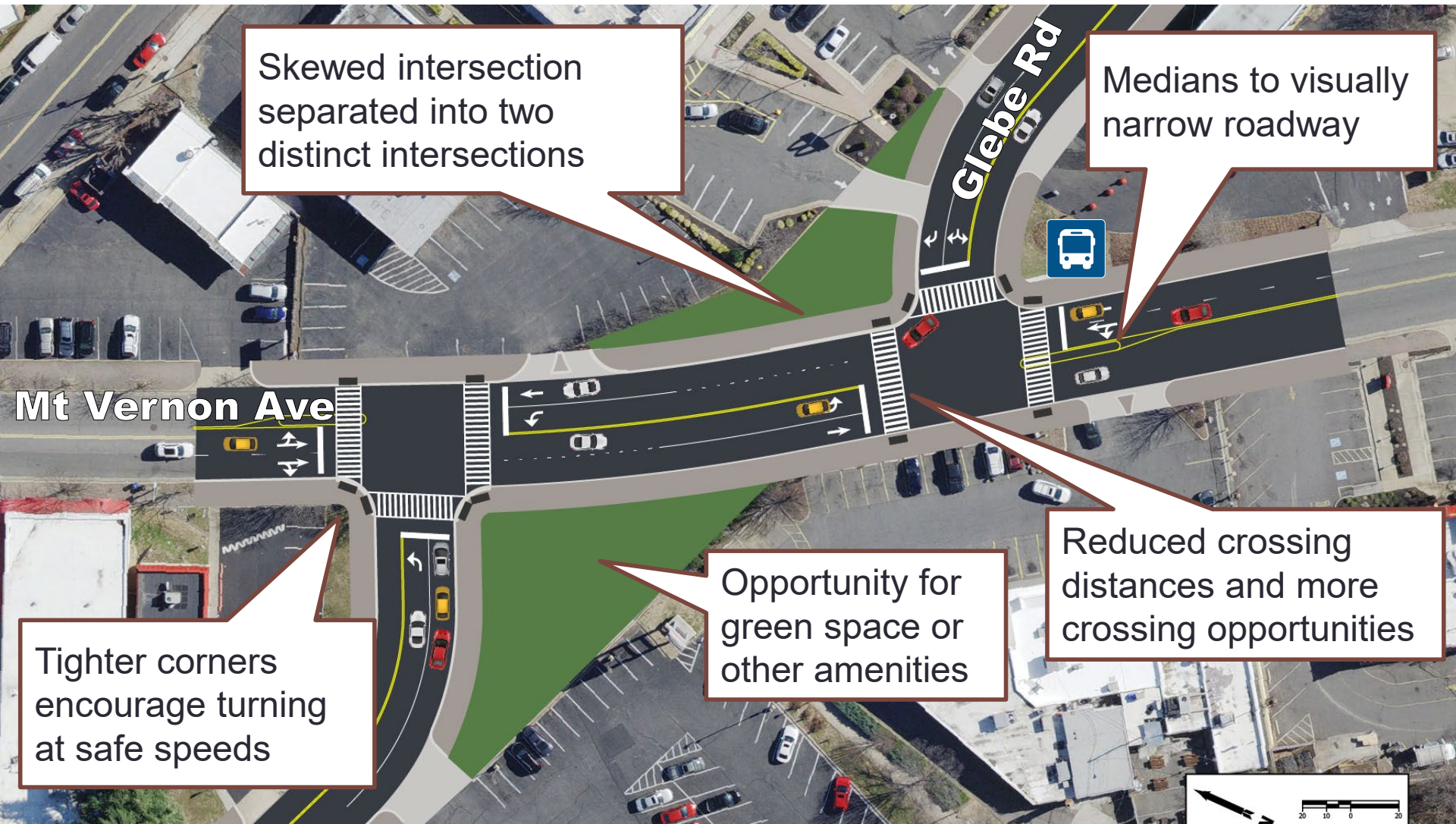
What people disliked:

- Seems **confusing** for drivers
- **No bicycle facilities**



Glebe Road

Design Option 3 of 3



Skewed intersection separated into two distinct intersections

Medians to visually narrow roadway



Reduced crossing distances and more crossing opportunities

Opportunity for green space or other amenities

Tighter corners encourage turning at safe speeds



Glebe Road

Design Option 3 of 3

"I like traffic being safer and not driving as fast but I don't like overall jamming up the traffic by making things less continuous."

- Alexandria resident, online survey

2.8★

Average Rating



Based on **185** responses

What people liked:

- **Reduces crossing distances** for pedestrians (63%)
- **Tighter turns** slow turning vehicles (55%)
- More pedestrian **crossing opportunities** (59%)
- Opportunity to add green space, benches, bike parking, or **amenities** to new pedestrian space (52%)

What people disliked:

- Concern that additional signal will create **congestion**
- Additional intersection creates **additional conflict points**
- Concern about **bus travel time** impacts

 33% **liked** this option

 43% **disliked** this option

 24% were **neutral** or had **no opinion**

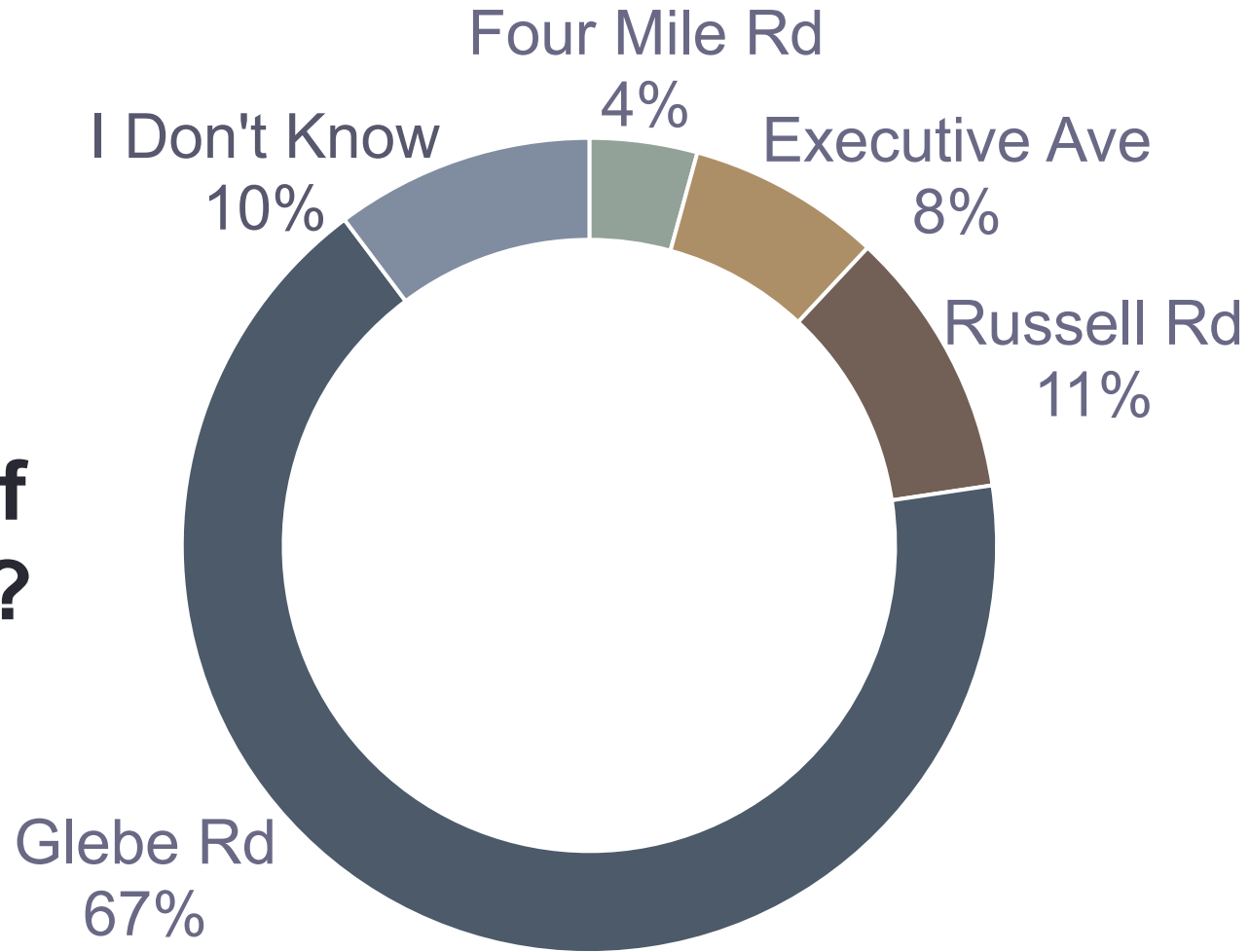
Resident Rating Summary

Location	Design Option	Rating (1-5)
Four Mile Road	Option 1	3.4
Executive Avenue	Option 1	3.8
Russell Road	Option 1	3.6
	Option 2	3.0
Glebe Road	Option 1	2.9
	Option 2	3.4
	Option 3	2.8

Additional Community Feedback

Which Intersection is Most in Need of Improvements?

Based on 234 responses



Additional Community Feedback

How Important are the Following Goals?

Based on 235 responses

Improve Safety for People Walking

85% said Very Important or Extremely Important

Reduce Vehicle Speeds

55% said Very Important or Extremely Important

Minimize Risk of Crashes

75% said Very Important or Extremely Important

Make Bus Stops More Comfortable & Easier to Get To

47% said Very Important or Extremely Important

Preserve Parking

18% said Very Important or Extremely Important

Next Steps



Gather
feedback
from Traffic &
Parking
Board

Continue
engaging
directly with
adjacent
properties

Identify
preferred
alternative(s)

Begin
detailed
design phase
of project

Thank You!