

Scarsdale Strategic Mobility + Placemaking Plan

Virtual Public Meeting 3
September 13, 2022



Agenda

- Project Overview
- Draft Concepts
 - Sprague Road
 - Fox Meadow Road
 - Crane Road
- Next Steps



Project Overview



Project Overview

Placemaking

- Spencer Place
- Boniface Circle
- Park access

Mobility

- Popham Road
- Fox Meadow Road
- Crane Road
- Sprague Road



Project Overview

Placemaking

- Spencer Place
- Boniface Circle
- Park access



Discussed at August meeting. Meeting recording and presentation available at www.scarsdalemobility.com/documents

Mobility

- Popham Road
- Fox Meadow Road
- Crane Road
- Sprague Road



Walk Audit & Site Visit

Village Center Walk Audit



Sprague Road Site Visit



Additional Meetings

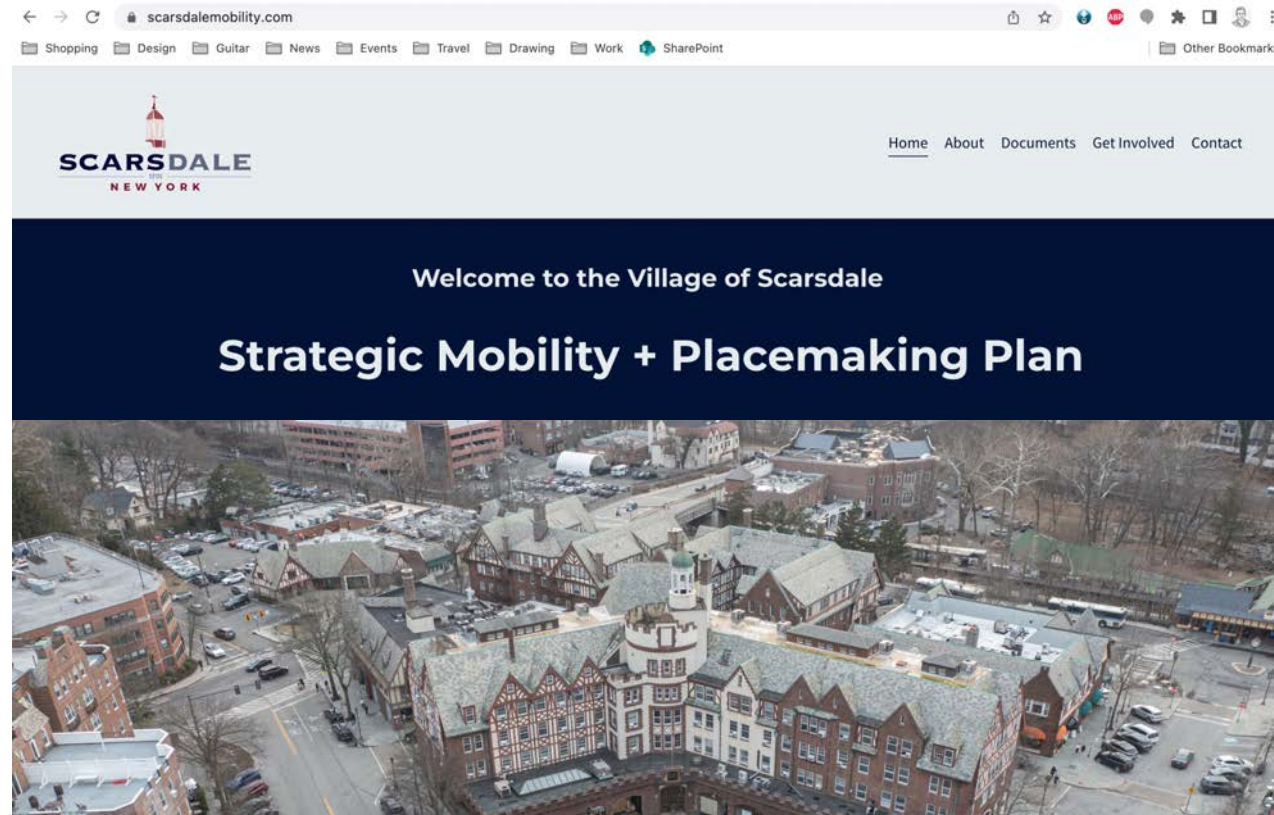
- Kick-off Meeting
- Working Group #1
- Working Group #2
- Design Session
- Virtual Public Meeting #1
- Virtual Public Meeting #2



Explore how to...

- Increase pedestrian and cyclist safety
- Provide access for all users
- Improve traffic flow and circulation
- Activate public spaces
- Incorporate sustainability
- Balance parking needs

Project Overview



www.scarsdalemobility.com

Engage | Design | Advance

Speed Limit Law

AUGUST 12, 2022 | Albany, NY

Governor Hochul Signs New Laws to Enhance Street Safety, Prevent Traffic Deaths, and Crack Down on Hit-And-Run Crashes

PUBLIC SAFETY

Speed Limit Law

Legislation (A.1007-A/S.2021-A) will help prevent traffic-related crashes and fatalities by allowing municipalities to reduce speed limits to 25 miles per hour. Research shows that faster driving speeds correlate to more serious injuries and fatalities for pedestrians in the event of a crash. Under current law, the default maximum speed limit throughout a city, town, or village may not be set lower than 30 mph. By giving municipalities local control to reduce speed limits, this legislation will improve public safety and prevent pedestrian fatalities.

Draft Concepts



All visualizations are draft planning-level concepts used for discussion and public comment.

Sprague Road



Notes on Sprague Road

- Treated as pass-through street, elevating crash risk
- Sprague Road is a pilot – one of many low-traffic residential roads in Scarsdale that could benefit from safety infrastructure



Sprague Road – What We've Heard

Challenges

- Vehicle speeds
- Rolling stops
- Roadway width
- Topography
- Curb radii
- Visibility

Opportunities

- Traffic volumes
- Street residential in nature
- Attractive landscaping



Sprague Road – Traditional Measures



Sprague Road – Innovative Measures



Neighborhood Traffic Circle



Mini Roundabout



Choker

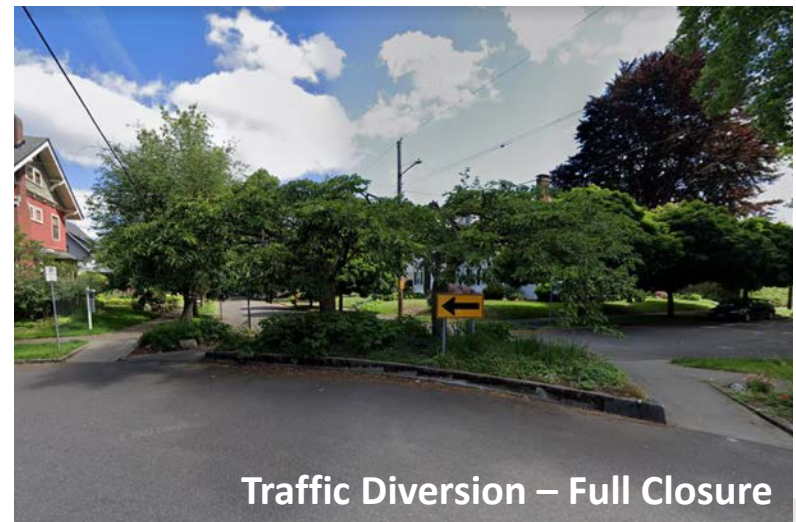


Sprague Road
Not Wide Enough

Chicane



Traffic Diversion – Half Closure



Traffic Diversion – Full Closure

Sprague Road Alternatives

Alternative 1: Traditional Approach	Alternative 2: Innovative Approach	Alternative 3: Innovative Approach with traffic diversion
<ul style="list-style-type: none"> • All-way stop • Decorative Speed Bumps 	<ul style="list-style-type: none"> • Mountable, Decorative Neighborhood Traffic Circles • Curb Radii Reduction • Choker 	<ul style="list-style-type: none"> • Mountable, Decorative Neighborhood Traffic Circles • Curb Radii Reduction • Traffic Diversion with Half Closure



Speed Management Device Spacing



Sprague Road – Alternative 1



Proposed Decorative Speed Bumps



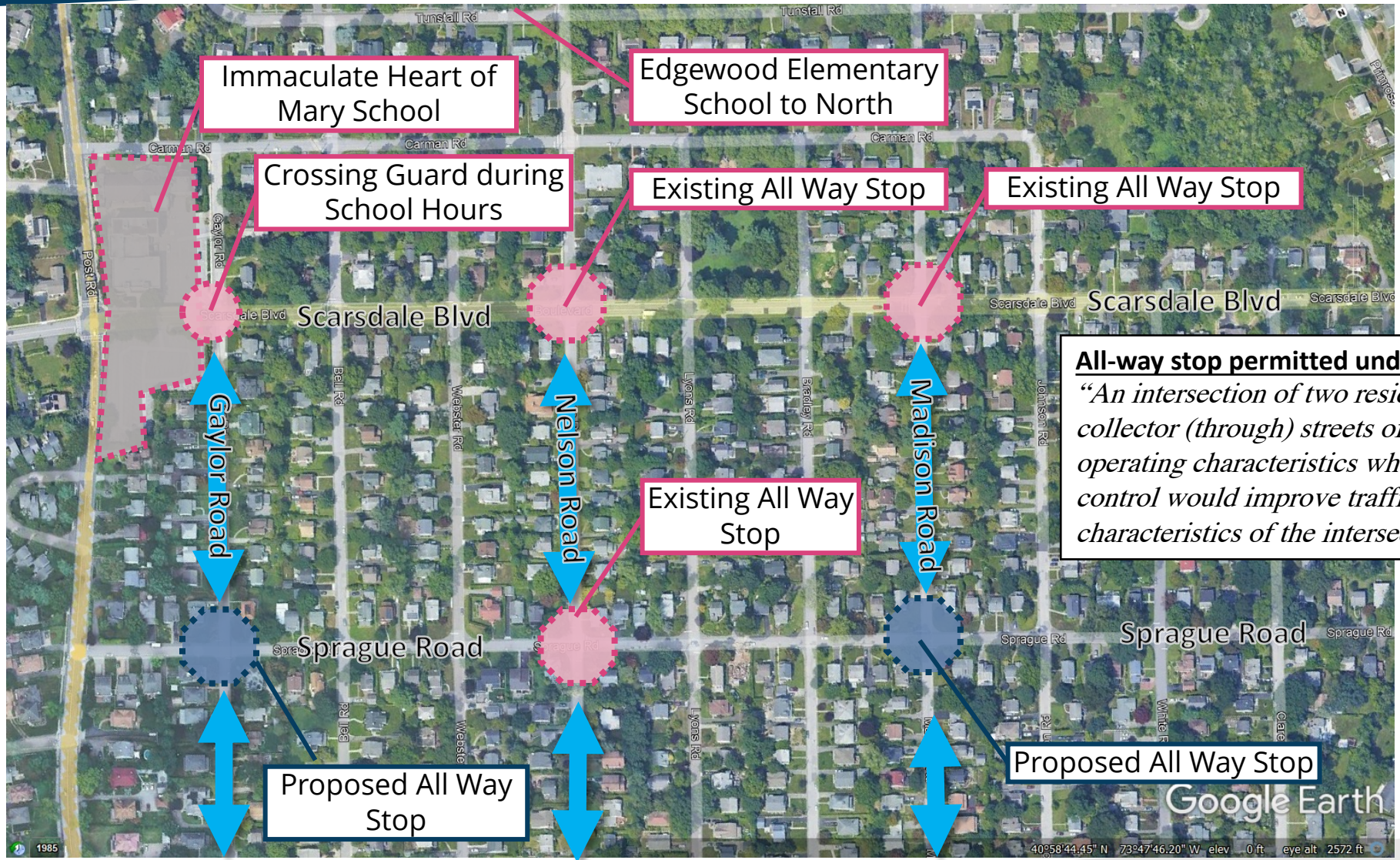
Proposed All Way Stop



Existing All Way Stop

Existing All Way Stop

Sprague Road – Alternative 1



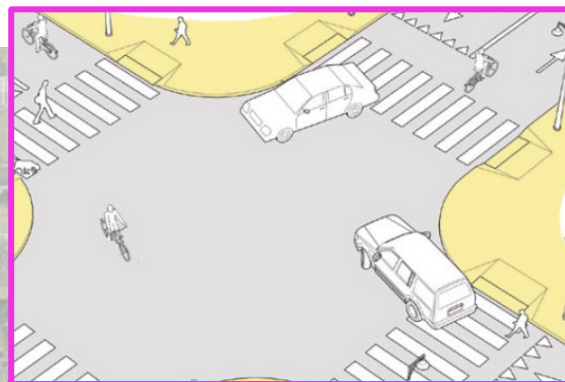
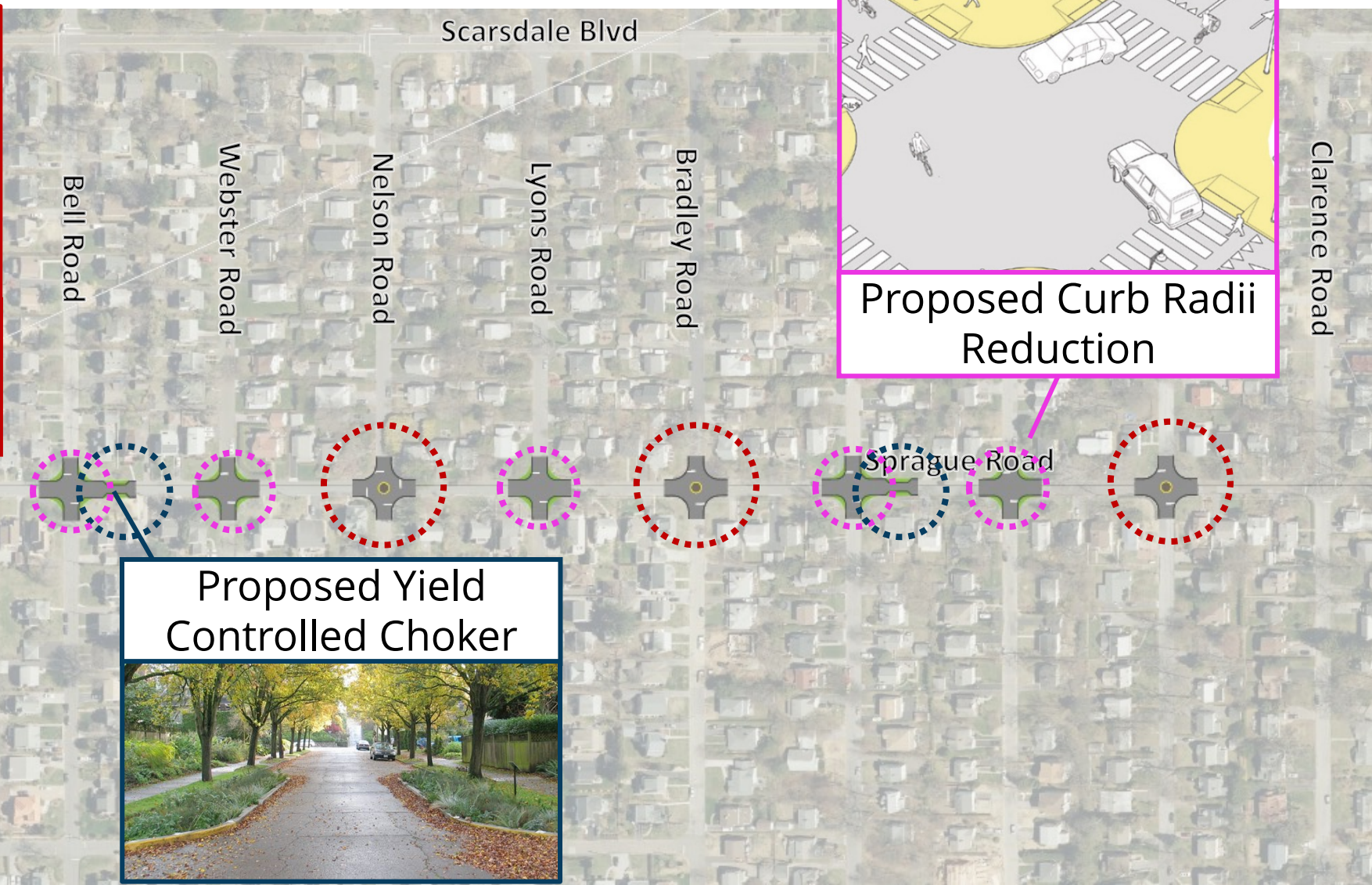
All-way stop permitted under MUTCD guidance:
"An intersection of two residential neighborhood collector (through) streets of similar design and operating characteristics where multi-way stop control would improve traffic operational characteristics of the intersection."



Sprague Road – Alternative 2



Proposed Neighborhood Traffic Circle

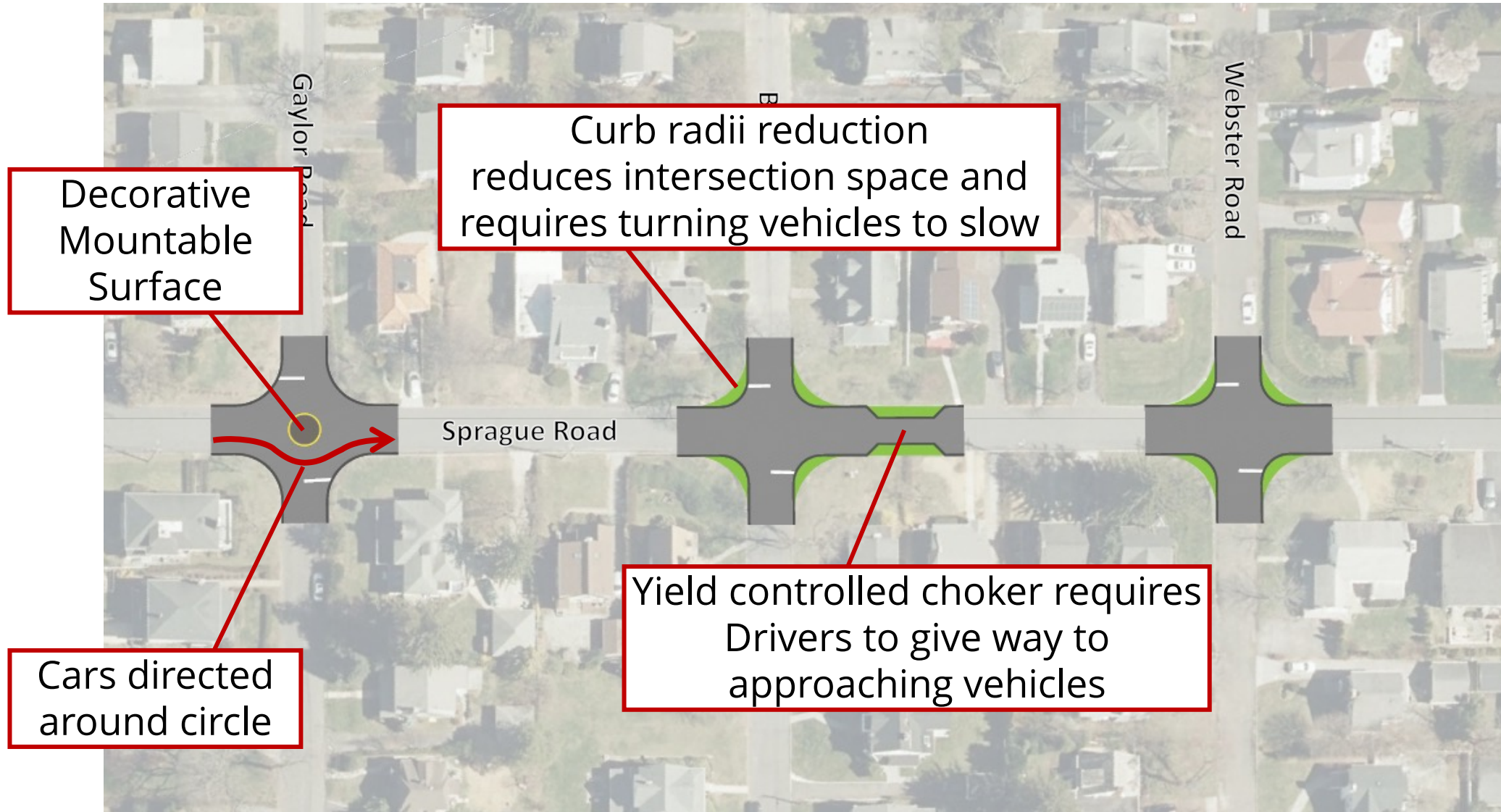


Proposed Curb Radii Reduction

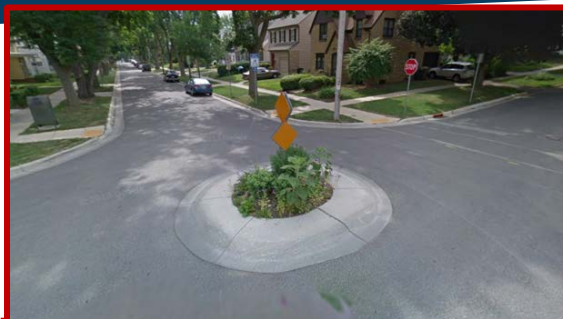
Proposed Yield Controlled Choker



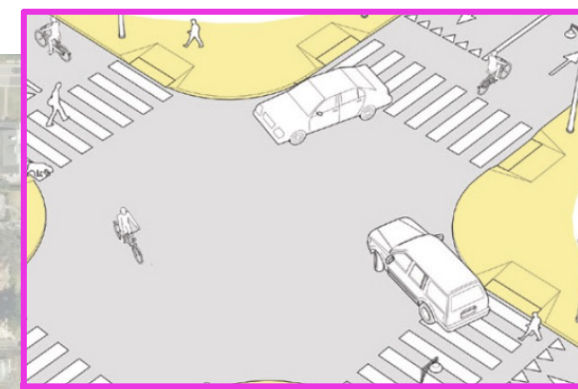
Sprague Road – Alternative 2



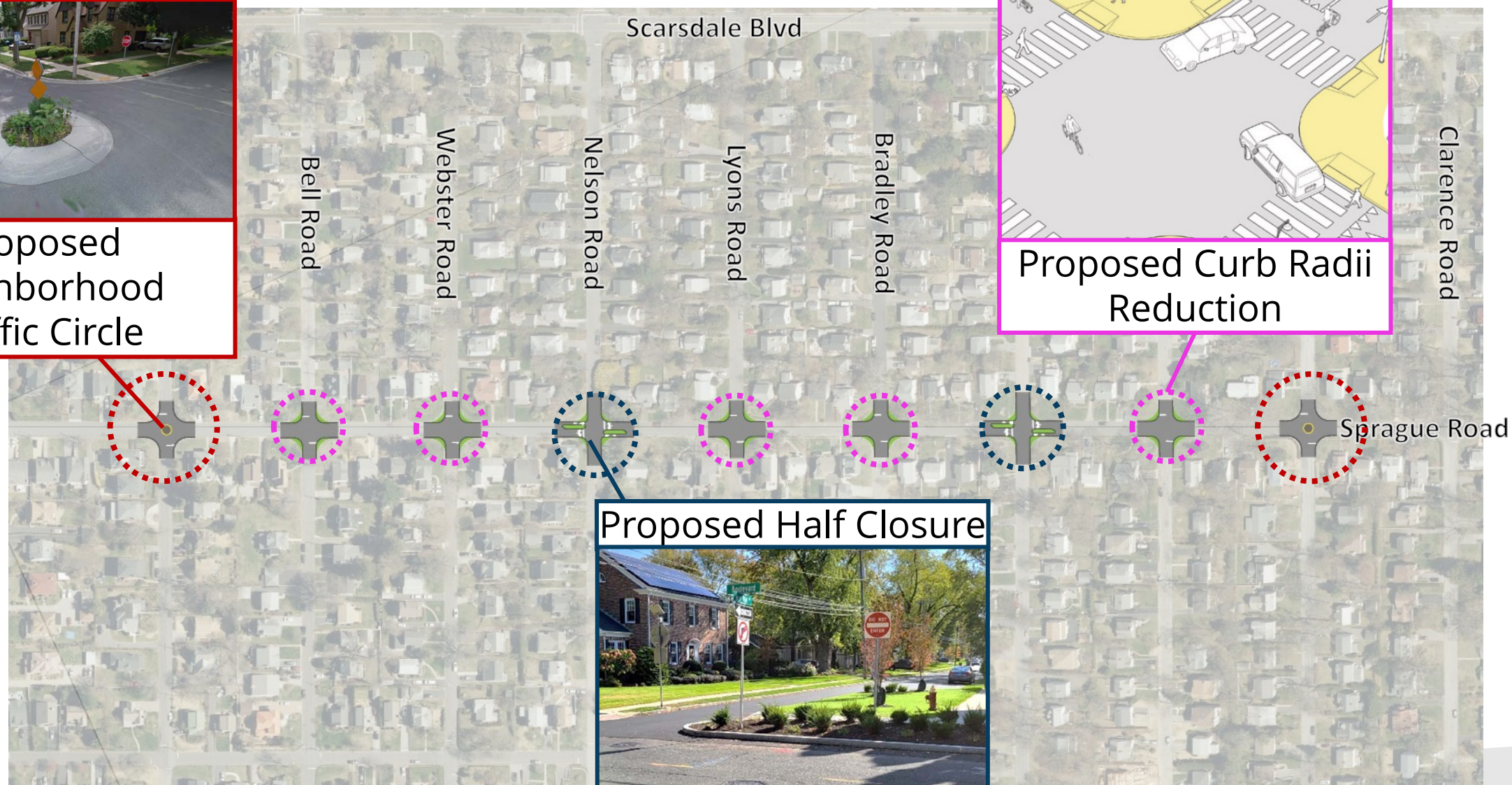
Sprague Road – Alternative 3



Proposed Neighborhood Traffic Circle



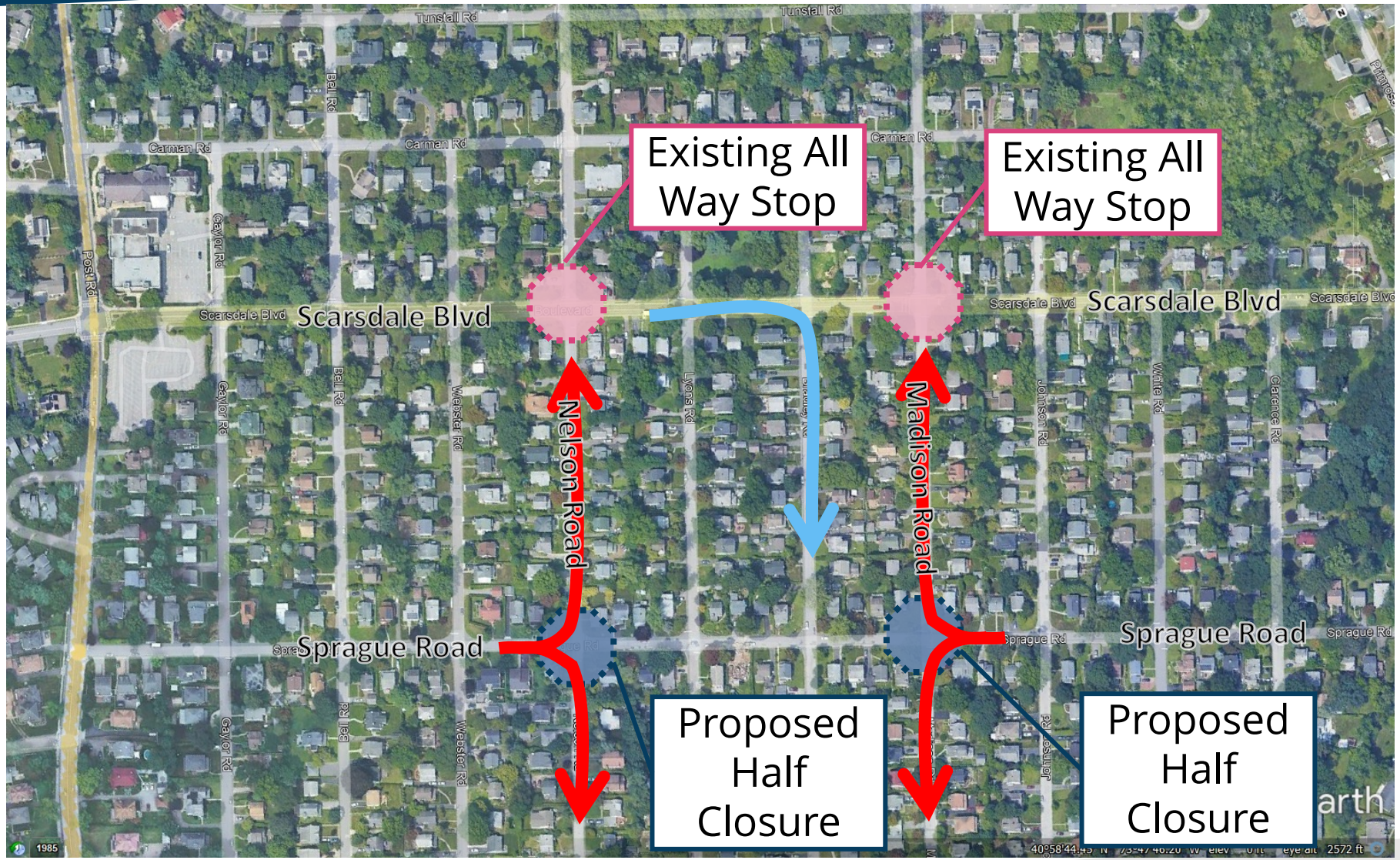
Proposed Curb Radii Reduction



Proposed Half Closure



Sprague Road – Alternative



Evaluating Alternatives

Alternative 1: Traditional Approach	Alternative 2: Innovative Approach	Alternative 3: Innovative Approach with traffic diversion
<ul style="list-style-type: none"> Rolling stops continue to be challenge 	<ul style="list-style-type: none"> Maintains potential for Sprague Road to act as through-street 	<ul style="list-style-type: none"> Potential challenges related to new traffic patterns EMS vehicles will be redirected



Sprague Road Recommendation

- Reduce speed limit to 25 mph
- Alternative 2:
 - Curb radii reductions
 - Neighborhood traffic circles with mountable curbs
 - Chokers – *can be tested out through demonstration project*

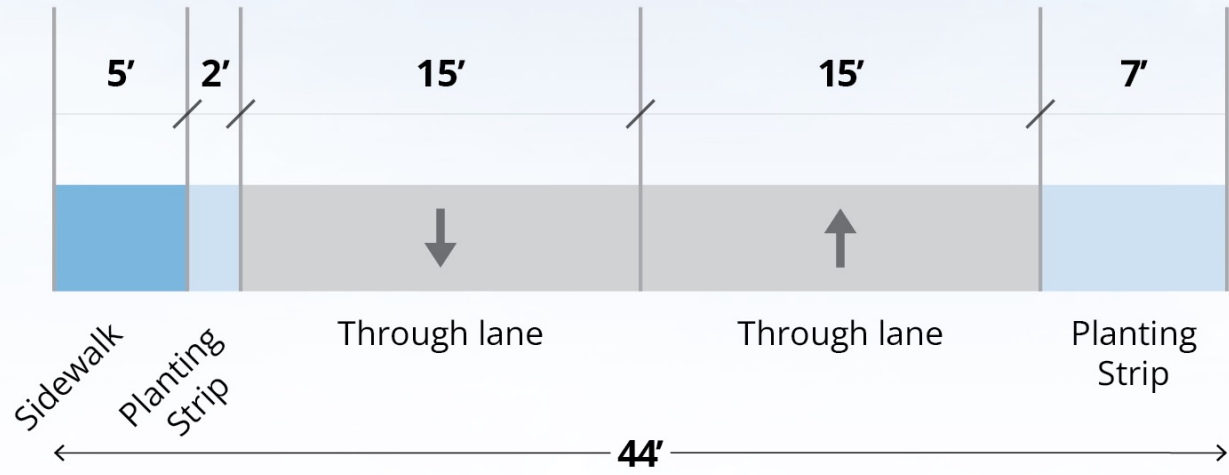
Public Comment for Sprague Road



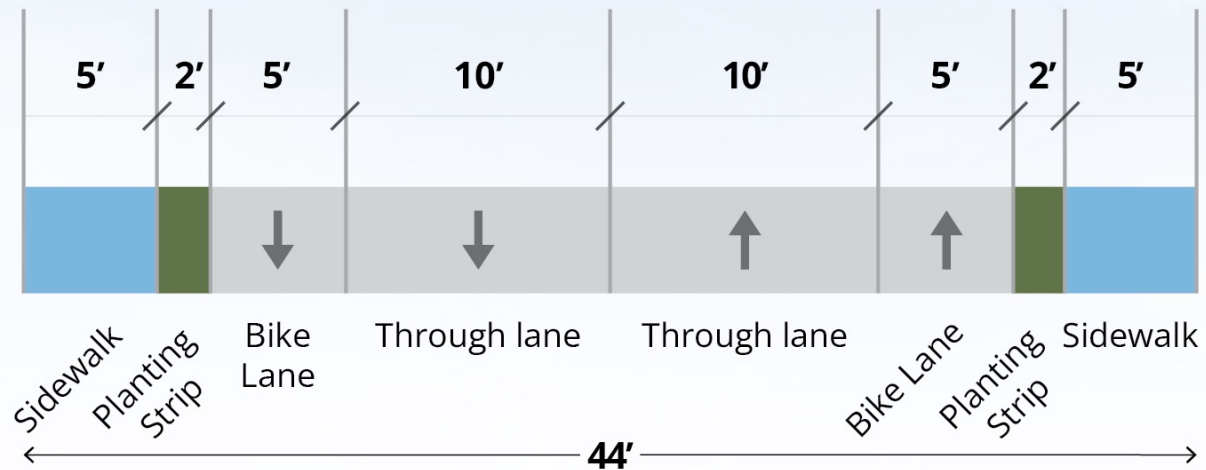
Fox Meadow Road



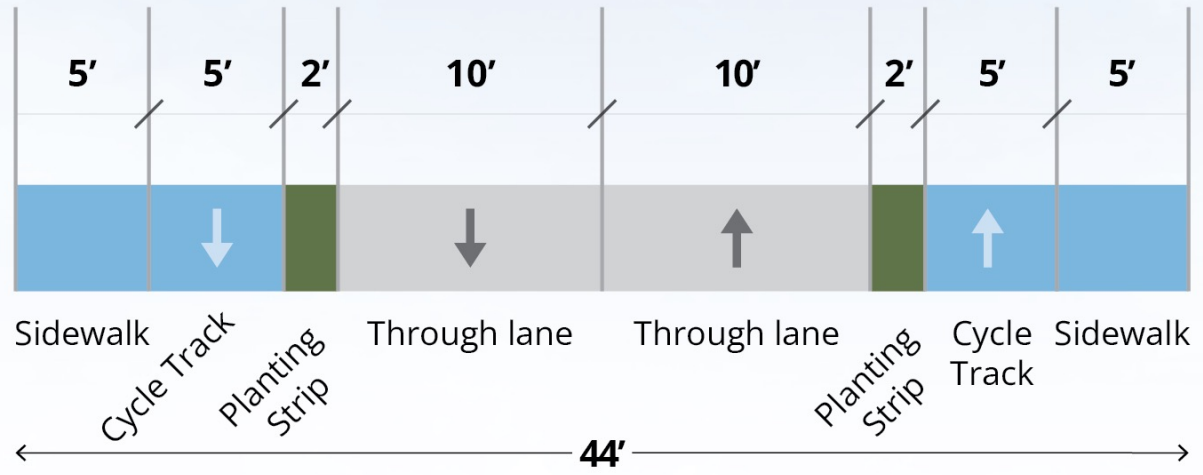
Fox Meadow Existing Cross Section



Fox Meadow Road View Looking North Alternative 1: Bike Lane



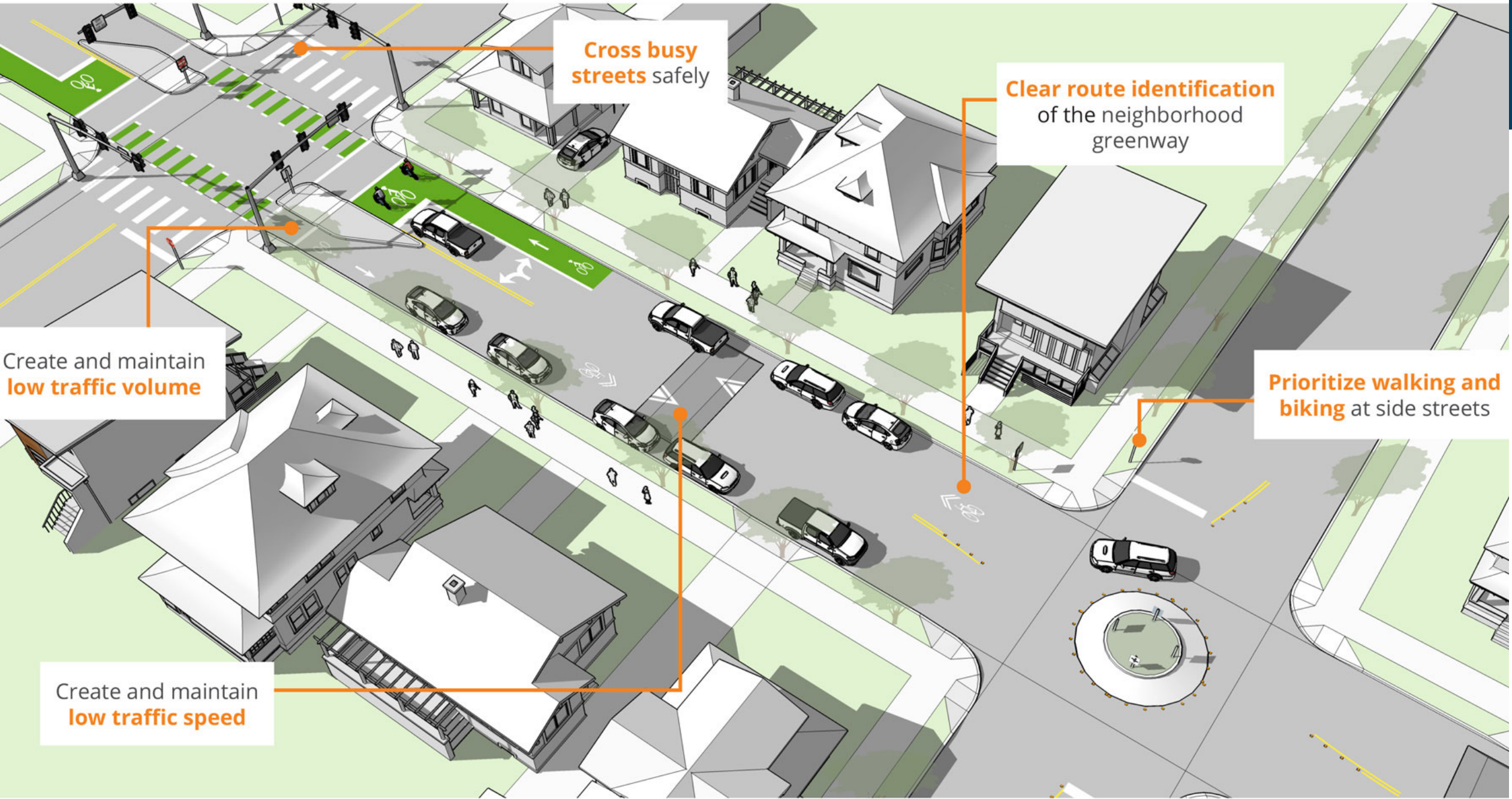
Fox Meadow Road View Looking North Alternative 2: Cycle Track



Alternative 3: Neighborhood Greenway

- 25 mph or less
- Upper limit of 2,000 cars/day; aim for less than 1,000 cars per day
- Limit cut-through streets (for cars)
- Low level of stress
- Concentrate infrastructure on a single corridor
- Prioritize for repaving
- **Traffic calming**





Cross busy streets safely

Clear route identification of the neighborhood greenway

Create and maintain low traffic volume

Prioritize walking and biking at side streets

Create and maintain low traffic speed

Crane Road



Crane Road Challenges

- Constrained right of way
- Embankment
- Vehicle speeds



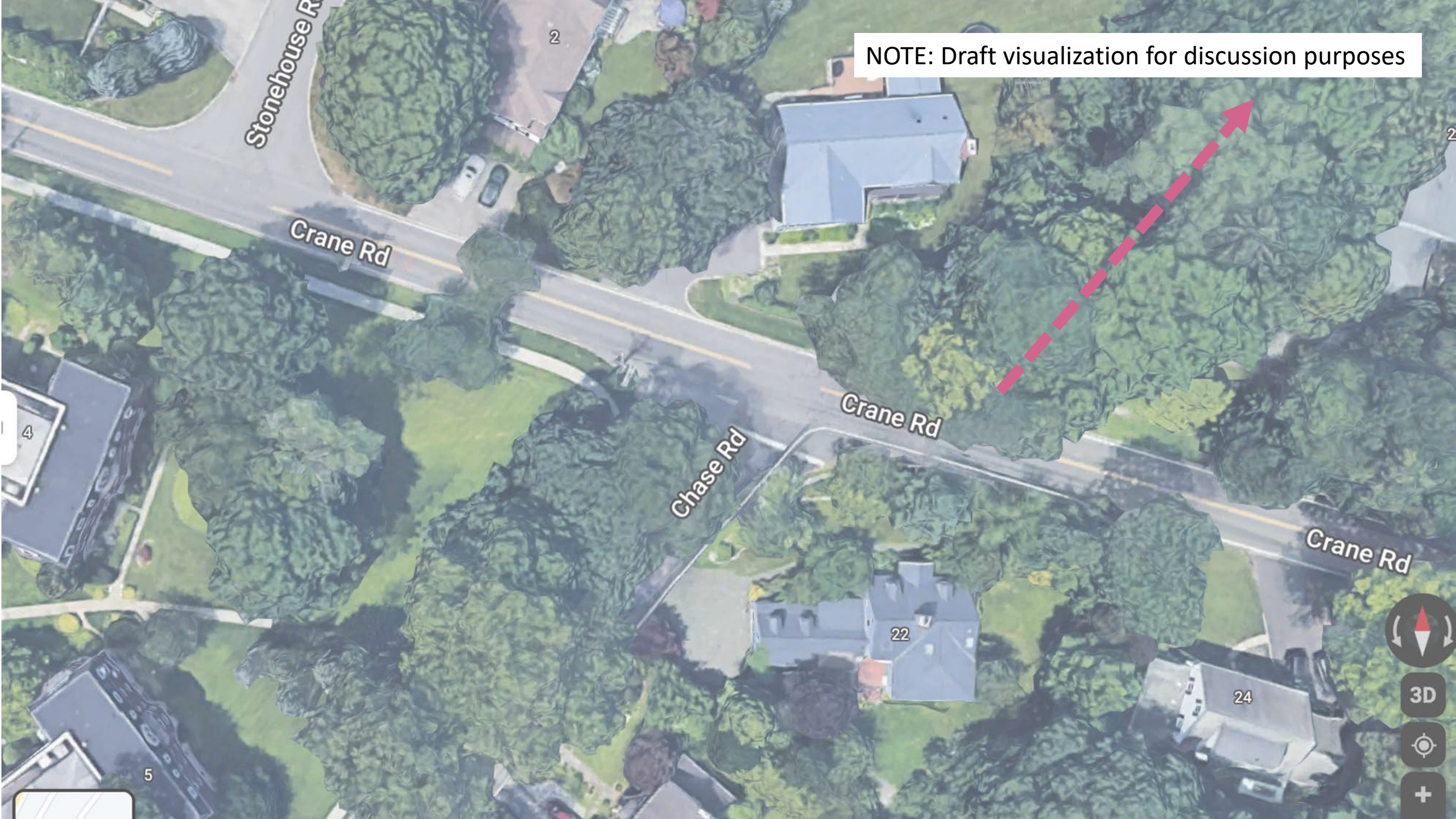


Crane Road Opportunities

- Speed feedback signs
- Roundabout or all-way stop at Chase Road
- Speed bumps
- Bike signage
- Long-term considerations:
 - Expanding right of way
 - One-way street

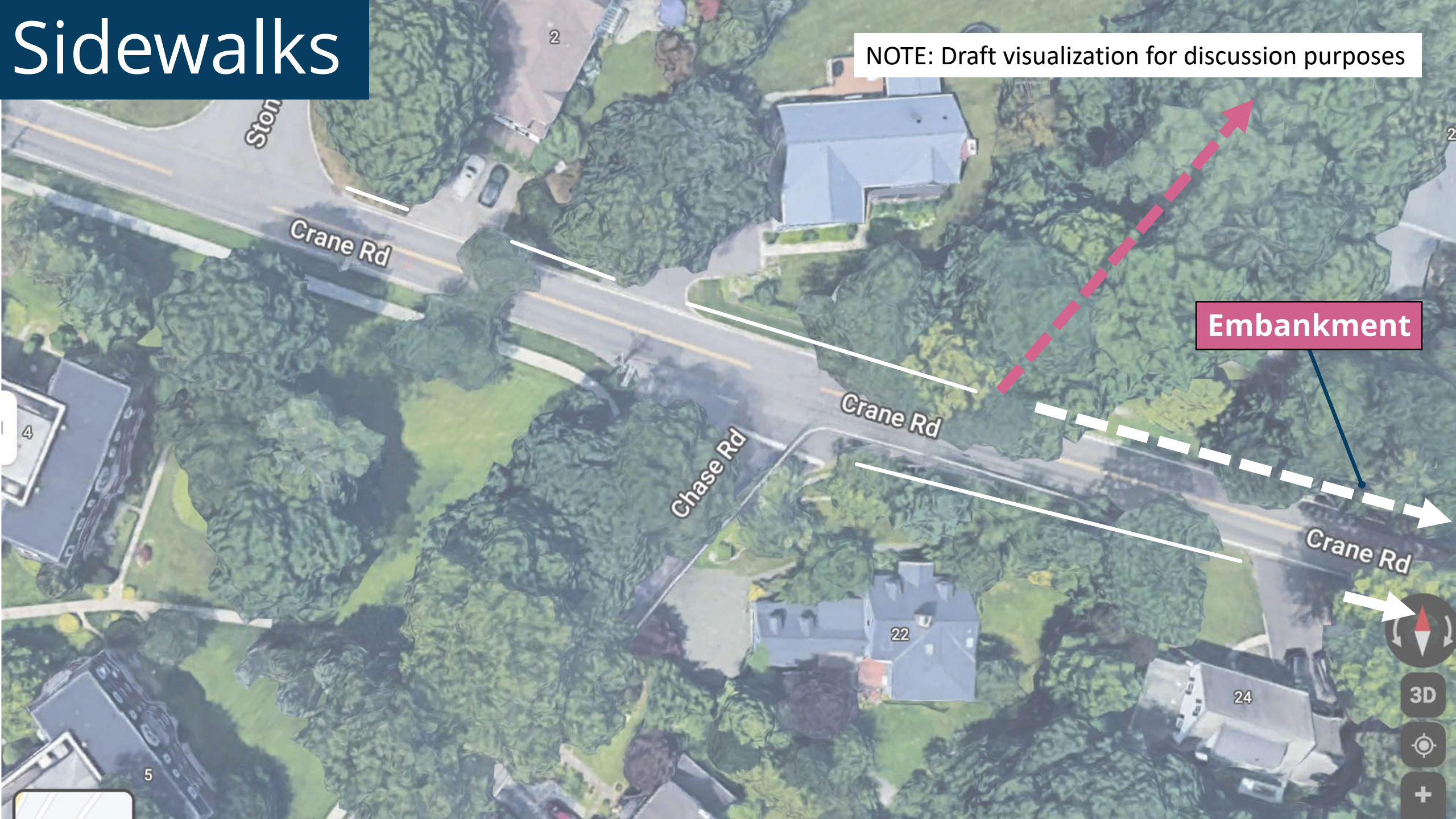


NOTE: Draft visualization for discussion purposes



Sidewalks

NOTE: Draft visualization for discussion purposes



Embankment

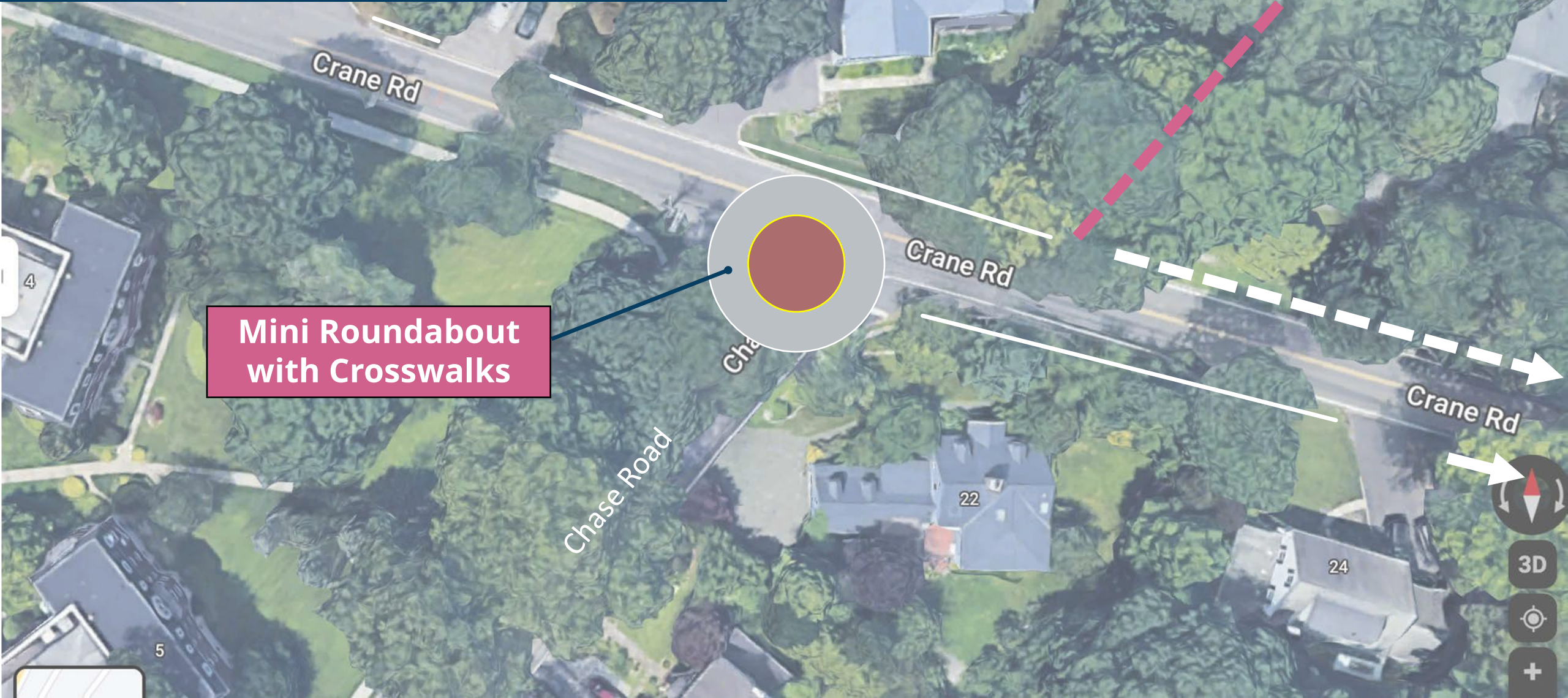


Mini Roundabout

Main Street, Manchester, VT
Source: Google Streetview

Mini Roundabout Alternative

NOTE: Draft visualization for discussion purposes



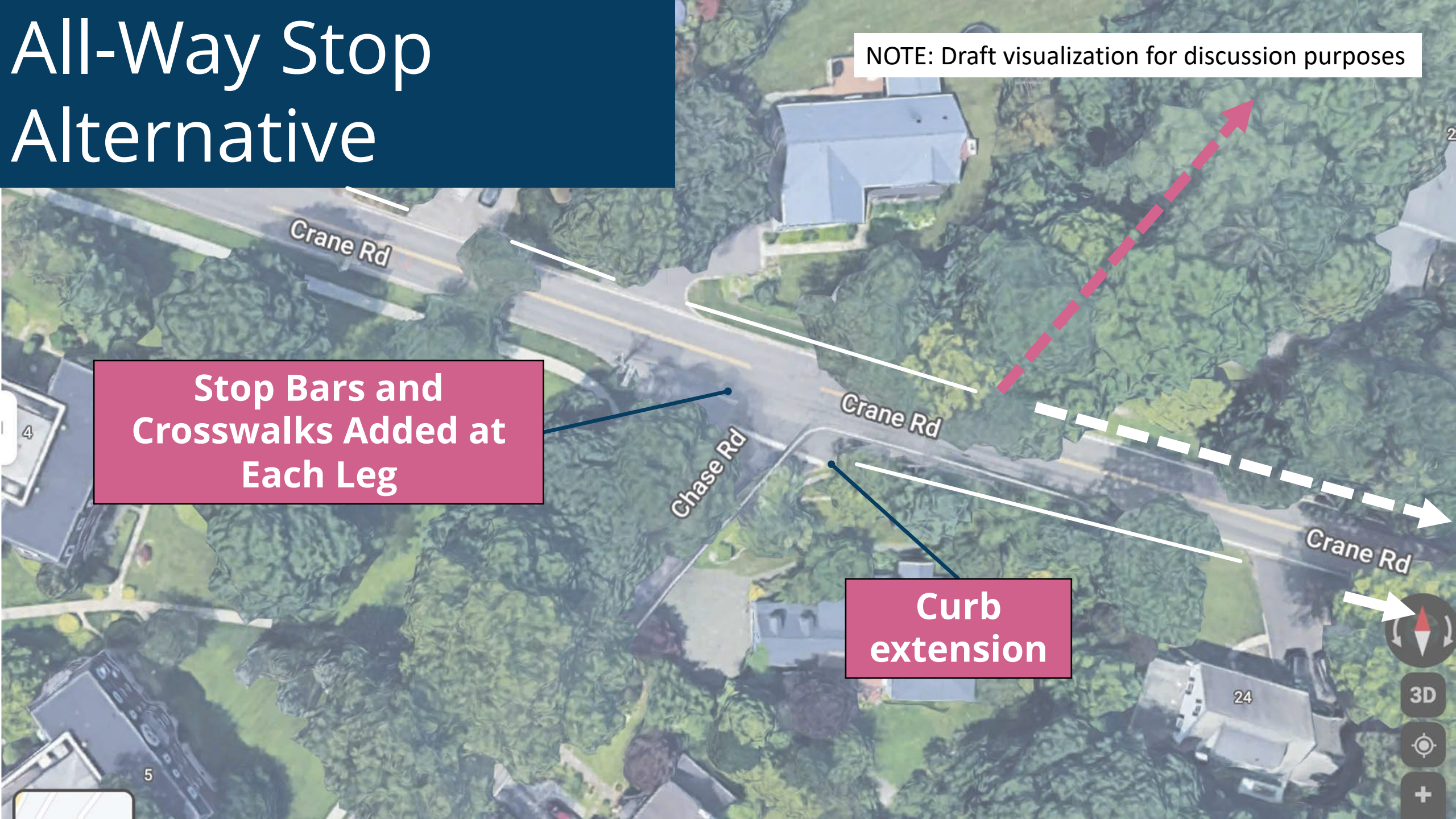
Mini Roundabout with Crosswalks

All-Way Stop Alternative

NOTE: Draft visualization for discussion purposes

Stop Bars and Crosswalks Added at Each Leg

Curb extension

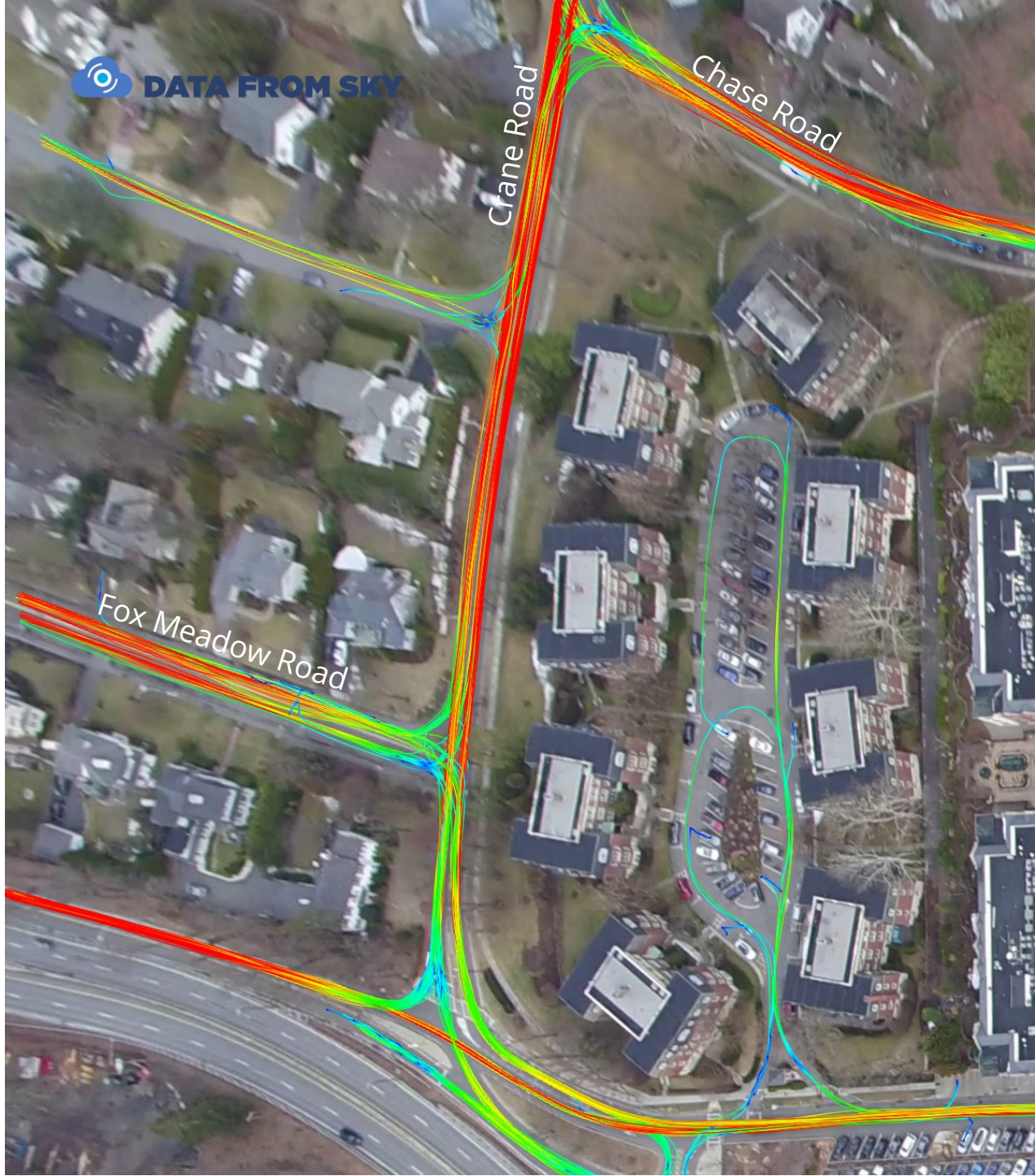


Crane Road Recommendations

- All-way stop with crosswalks at Crane Road and Chase Road
- Reduce speed limit to 25 mph
- Sidewalks between Chase Road and Woodland Place (south side)
- Sidewalks between Stonehouse Road and trail

Crane Road & Fox Meadow Road

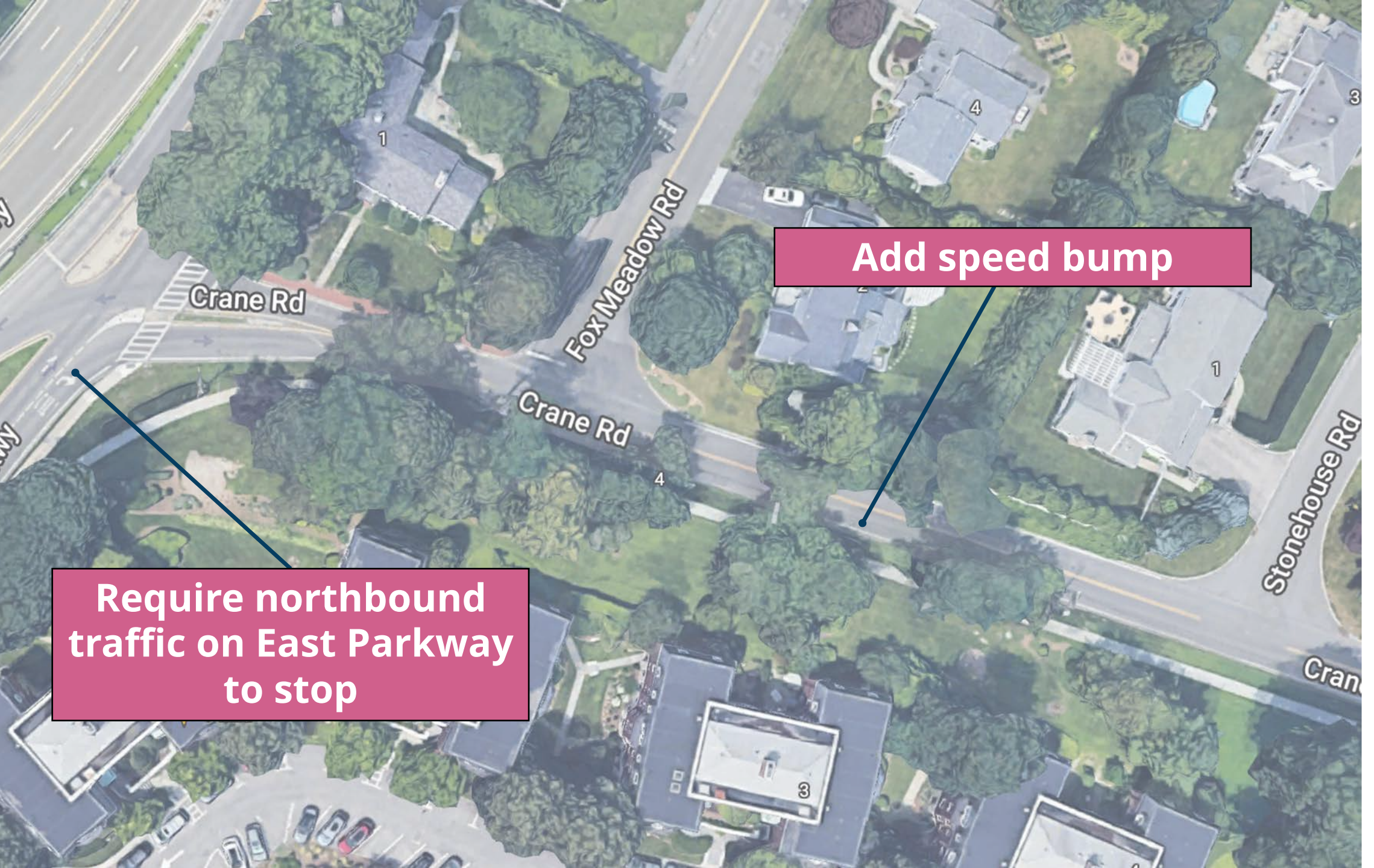




Alternatives Near Fox Meadow Road

1. All-way stop at East Parkway + speed bumps on Crane Road



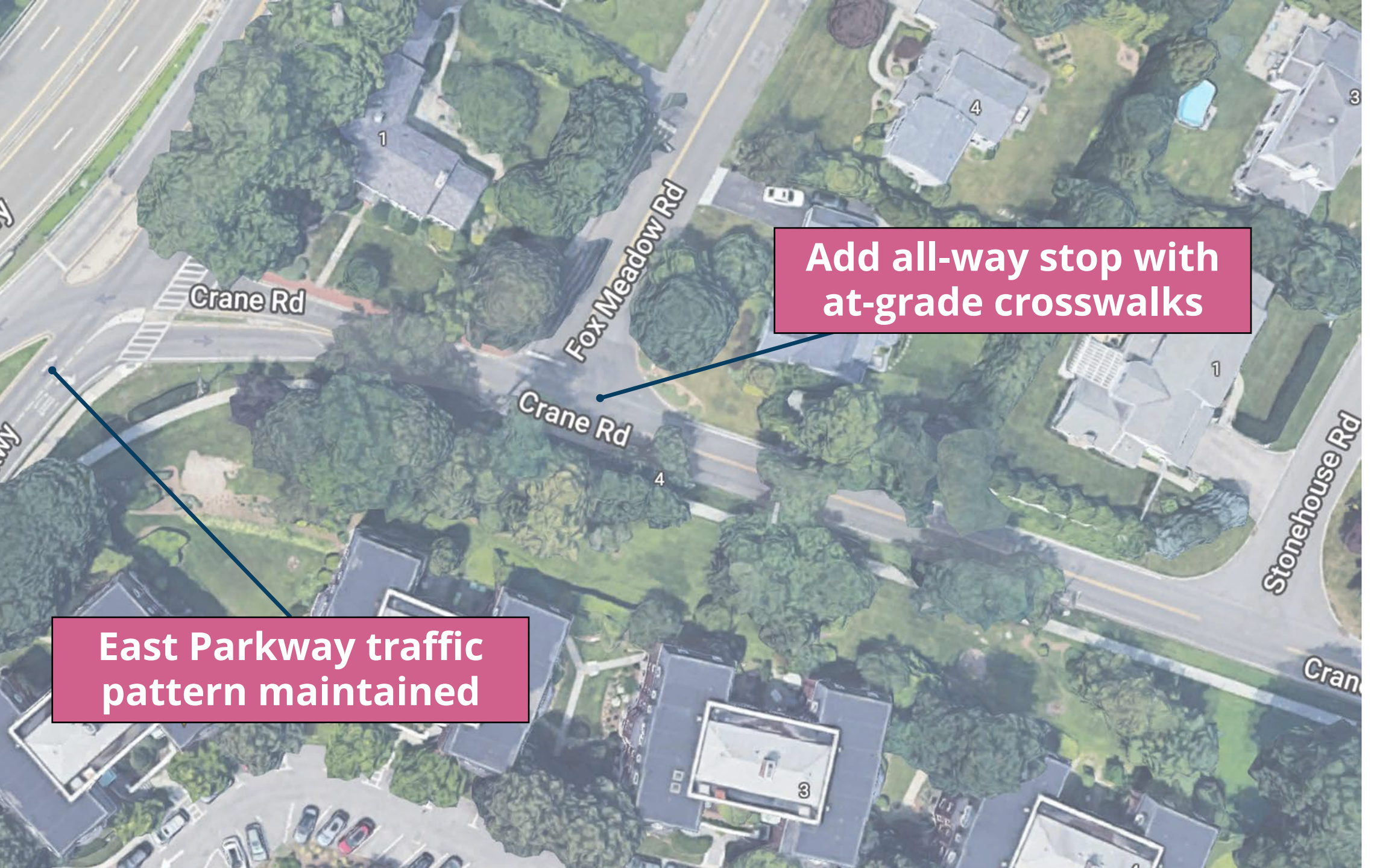


Add speed bump

Require northbound traffic on East Parkway to stop

Alternatives Near Fox Meadow Road

1. All-way stop at East Parkway + speed bumps on Crane Road
2. All-way stop at Fox Meadow Road with crosswalks



Add all-way stop with at-grade crosswalks

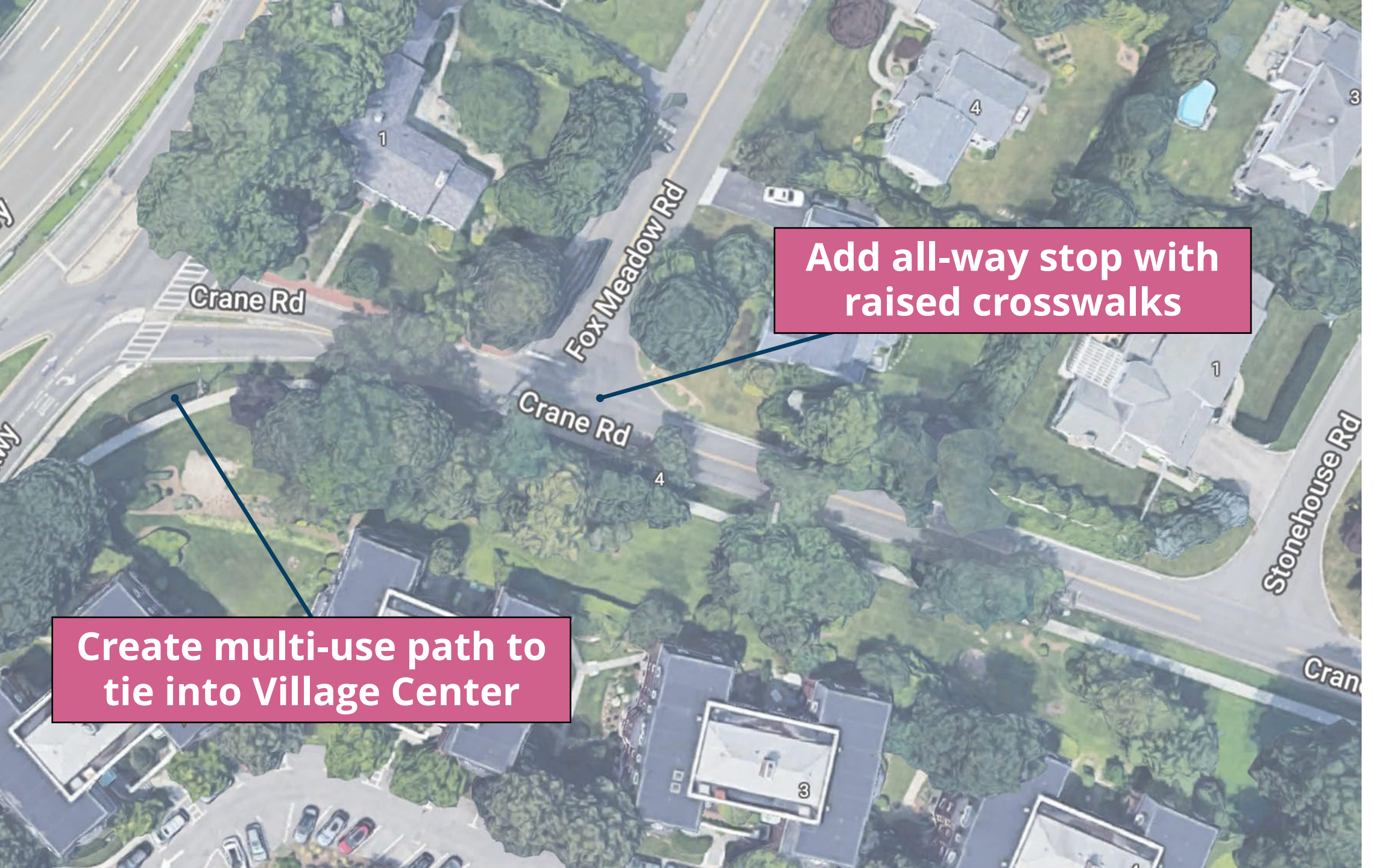
East Parkway traffic pattern maintained

Alternatives Near Fox Meadow Road

1. All-way stop at East Parkway + speed bumps on Crane Road
2. All-way stop at Fox Meadow Road with crosswalks
3. All-way stop at Fox Meadow Road with raised crosswalks

Raised Crosswalks





Add all-way stop with raised crosswalks

Create multi-use path to tie into Village Center

Alternatives at Chase/Fox Meadow

1. All-way stop at East Parkway + speed bumps on Chase Road
2. All-way stop at Fox Meadow Road with crosswalks
3. All-way stop at Fox Meadow Road with raised crosswalks

Crane Road Recommendations

- All-way stop with crosswalks at Crane Road and Chase Road
- Reduce speed limit to 25 mph
- Sidewalks between Chase Road and Woodland Place (south side)
- Sidewalks between Stonehouse Road and trail
- All-way stop at Fox Meadow Road with raised crosswalk
- Multi-use path from Fox Meadow Road to East Parkway

Multi-use path

Neighborhood
Greenway

Improved
Crossing



Raised crosswalk

Add sidewalk

Public Comment for
Fox Meadow &
Crane Road



What's Next



What's Next

- Review public comments on draft Placemaking + Mobility Plan
- Review public comments on draft Sprague Road Plan
- Working Group Meeting - Project Closeout (October)



Thank you!

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