Monte Vista Blvd Median Study

From Girard Blvd to Lomas Blvd

Neighborhood Meeting

December 1, 2022

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MEETING AGENDA

- Introductions
- Study Overview
- Existing Conditions
- Proposed Alternatives
- Opportunity for Input
- Next Steps

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Monte Vista Blvd Median Study
Study Overview

City of Albuquerque initiated a study to consider traffic calming measures along Monte Vista Blvd: Girard Blvd to Lomas Blvd.

The study focuses on evaluating various raised median alternatives to help achieve the goal of reducing travel speeds and enhance the aesthetics within the neighborhood.

Traffic calming consists of physical design and other measures put in place to reduce vehicle speeds and improve safety.

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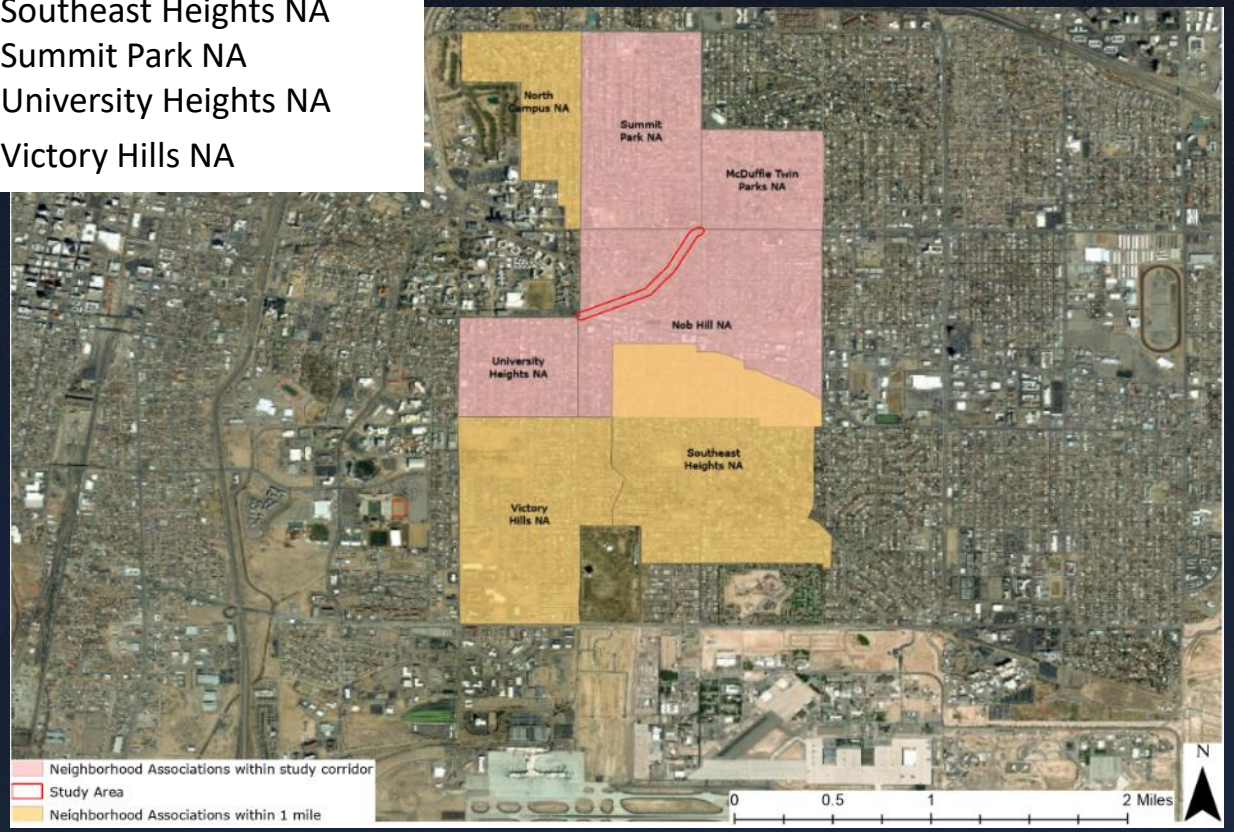
Neighborhood Outreach

McDuffie Twin Parks NA
Nob Hill NA
North Campus NA
Southeast Heights NA
Summit Park NA
University Heights NA
Victory Hills NA



- Neighborhood Associations
  - 1 mile radius
- Monte Vista Elementary School
  - Parent outreach
- Adjacent property owners
  - USPS Mailers

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Monte Vista Blvd Median Study
Study Elements

- Document existing conditions
- Develop conceptual alternative with raised medians
- Evaluate pros and cons of median installation
  - Bicycle and pedestrian facilities
  - Left-turn and U-turn operations
  - On-street parking
  - Traffic calming
  - Median landscape
  - Preliminary cost estimates
- Neighborhood Meeting

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Existing Conditions

- Minor Arterial
- One lane in each direction
  - 11 feet wide
- Two-way left turn lane
  - 13 feet wide
- Bike lanes
  - 6 feet wide
- Speed Limit is 35 MPH
- On-street parking
- Residential character
- Elementary School

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Existing Conditions

- 4400 to 5700 average weekday traffic (MRCOG 2019 traffic data)
- School drop-off peaks:
  - 8:30 am – 9:00 am
  - 3:30 pm – 4:00 pm
- Bicycle and pedestrian use

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Locations Considered for Median Installation

- No medians on south end due to elementary school and the diagonal parking
- Medians begin north of Campus
- Medians end north of Amherst
- Maintain intersection access

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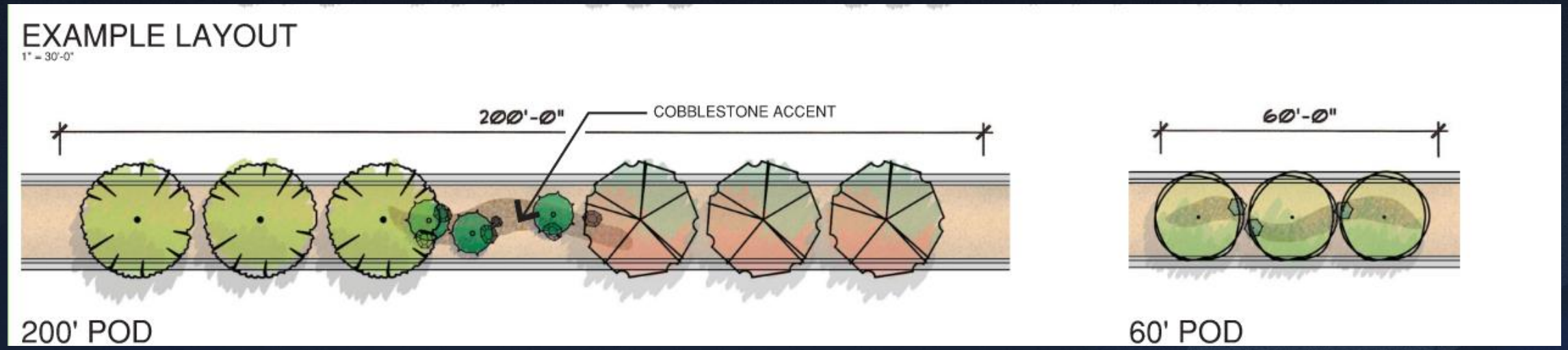
Median Prototype Dimensions

All median landscapes shall adhere to the current prototype design templates and master plant list, as maintained by the City Department of Municipal Development (DMD).



Landscaping details to be determined later, should a project move forward.

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Proposed Alternatives

- Full Median along Monte Vista Blvd
  - Intersection with Bulb-Outs
  - Intersection with Roundabout
  - Intersections with Roma Ave and Amherst Dr

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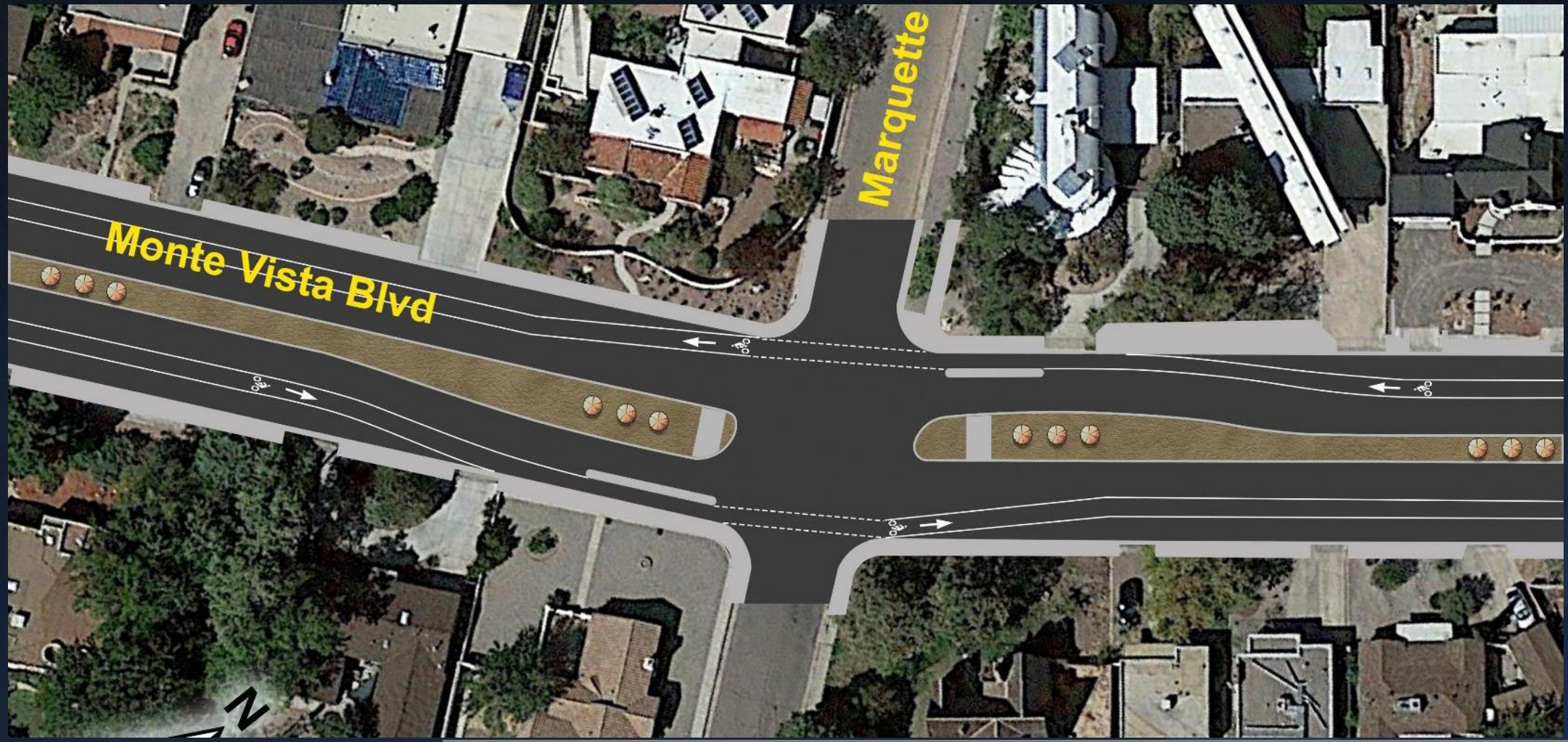
Full-Median with Bulb-Outs



- Median bulb-out introduces a shift at the intersection which encourages traffic calming
- Results in wider turning radius- Truck U-turns remain challenging
- Requires reduction of on-street parking at intersections

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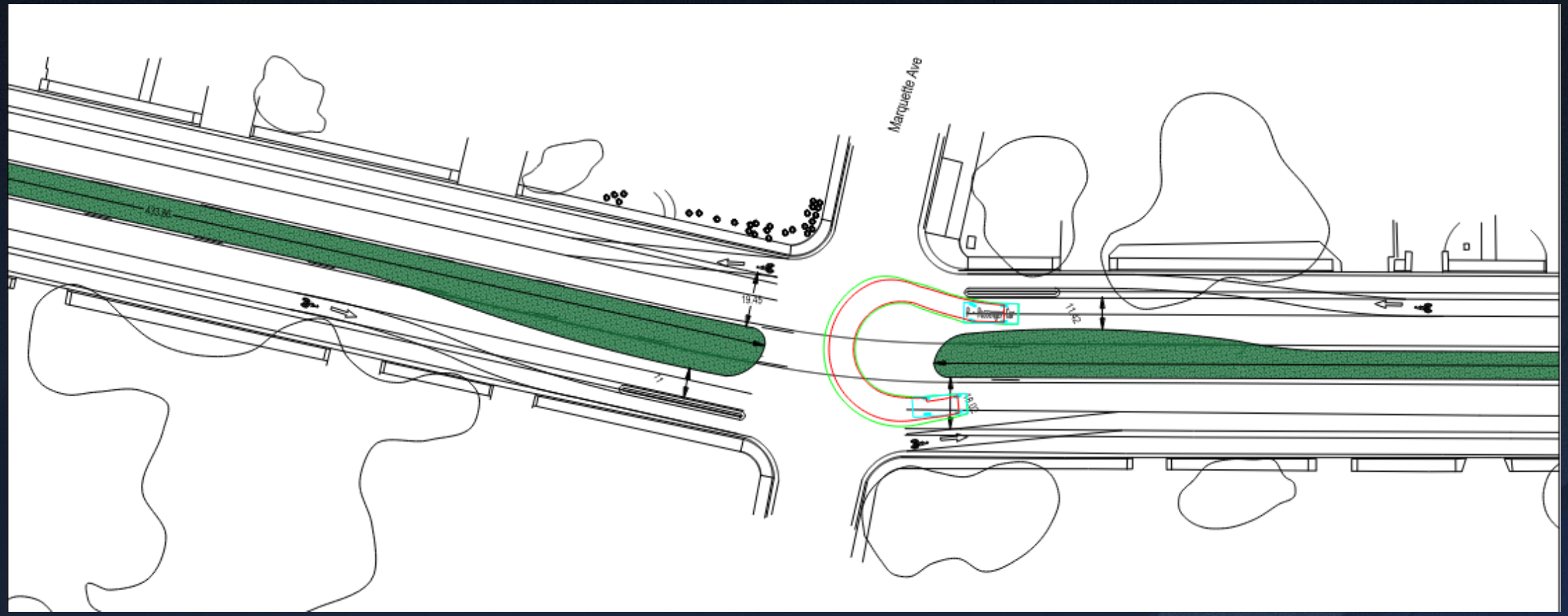
Full-Median with Bulb-Outs
Turn Radius



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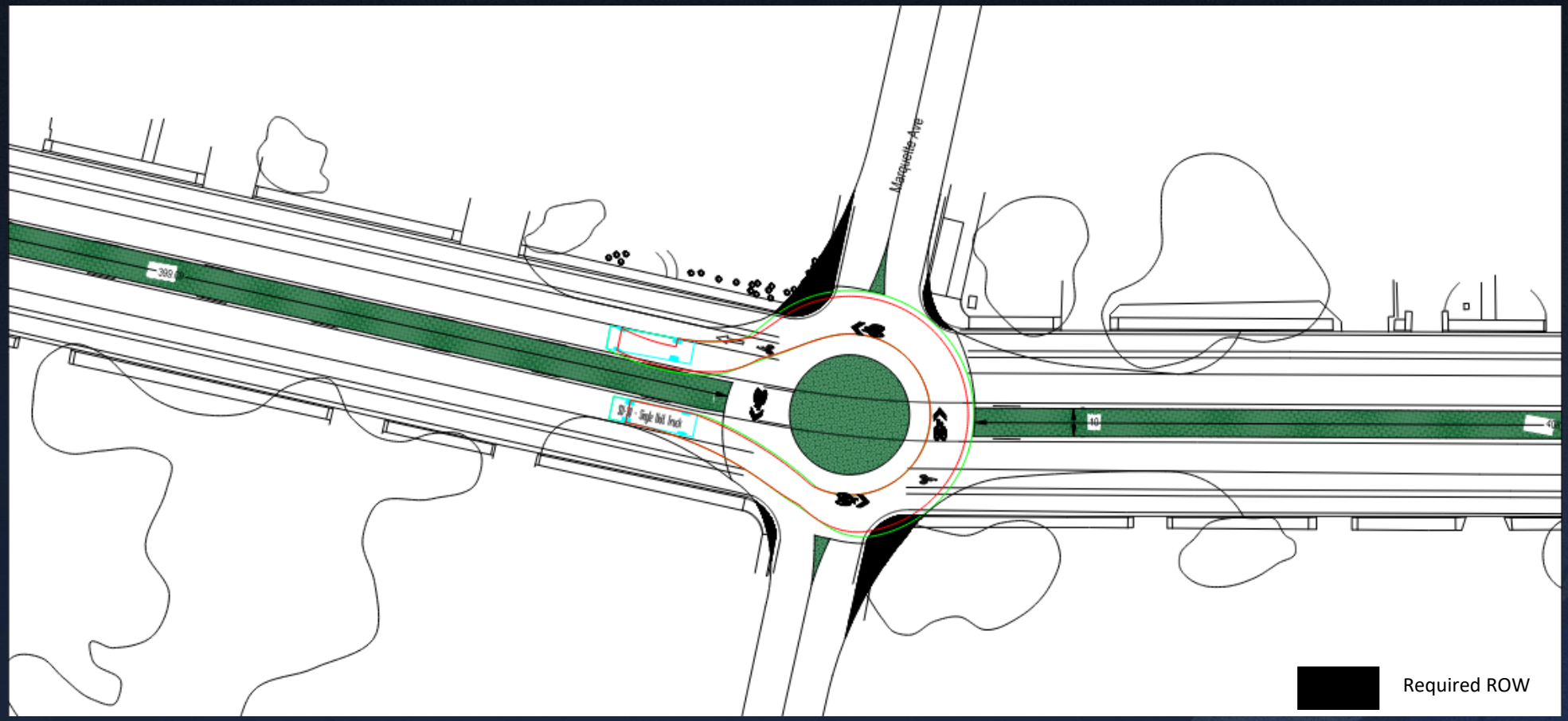
Full-Median with Roundabout

- Roundabout allows trucks and school buses to make U-turns
- Reconstruction of the intersection will require ROW acquisition
- Roundabouts are effective for traffic calming

Full-Median with Roundabout Turn Radius



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Roma Ave and Amherst Dr

- Median bulb-outs maintain traffic calming
- Primary access maintained
- Through vehicles may have to wait for turning vehicles before proceeding – traffic calming

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Pedestrian Crossing Features

- Evaluate Need and Application with Design
  - Striping
  - Signage
  - Signalization

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Other Considerations

- Out of Direction Travel
  - Median installation could result in approximately 20 seconds of increased travel time
- Expected benefit with medians
  - Reduction of crashes
  - Reduction in speed
- Expected benefit with roundabout
  - Speed reduction
  - Minimize crash severity

Alternative Matrix

	Existing Conditions	Full Medians	Full Medians w/ Bulb-Out Medians	Full Medians w/ Roundabouts
Traffic Calming	✗	✓	✓	✓
Left-Turn Delay	✗	✓	✓	✗
Median Prototypes	✗	✓	✓	✓
Bike Facilities	✓	✓	✓	Shared lane through roundabout
On-Street Parking	✓	✓	✓	✓
Improved Ped Crossings	✗	✓	✓	✓
U-Turns for Passenger Cars	✗	✓	✓	✓
U-Turns for Trucks	✗	✗	✗	✓
Requires ROW	✗	✗	✗	✓
Estimated Cost	$0	$ 581,000	$ 600,000	$ 600,000 + $ 100,000 (PER ROUNDABOUT)

Costs Exclude ROW/drainage/utilities/Landscaping

Benefit
Existing Conditions Remain Unaffected or Equivalent
Limitation

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Discussion

- Comments
- Questions

- Email: MonteVistaMedians@bhinc.com
  - Due by December 20, 2022

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Next Steps

- Finalize Draft Technical Memorandum
  - February 2023

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Thank you!!

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