Monroe Street Bikeway Study

Phase 2 Community Workshops – Roadway Concepts

Thursday, September 14, 2023

City of Santa Clara
The Center of What's Possible

Welcome

- **Thank you for being here!**
- This meeting is being recorded and will be posted on the project website.
- Connect with us via:
  - Voicemail: **408-320-7060**
  - Email: **MonroeStudy@altago.com**
  - Website: **SantaClaraCA.gov/BikePedProjects**
  - Survey: Accessible via the project website

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Agenda

1. Introductions
2. Project Overview and Activities Competed to Date
3. Corridor Parking and Collision Analysis
4. Alternative Concept Designs (with interactive activities)
5. Question and Answer Session
6. Next Steps

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Introductions

- **City of Santa Clara Staff**
  - Ralph Garcia, Project Manager
  - Michael Liw, Assistant Public Works Director
  - Steve Chan, Transportation Manager
  - Carol Shariat, Principal Transportation Planner
  - Nicole He, Associate Civil Engineer
- **Alta Planning + Design**
  - Jeff Knowles, Principal Planner
  - Ben Frazier, Associate Planner
  - Katrina Ortiz, Landscape Designer

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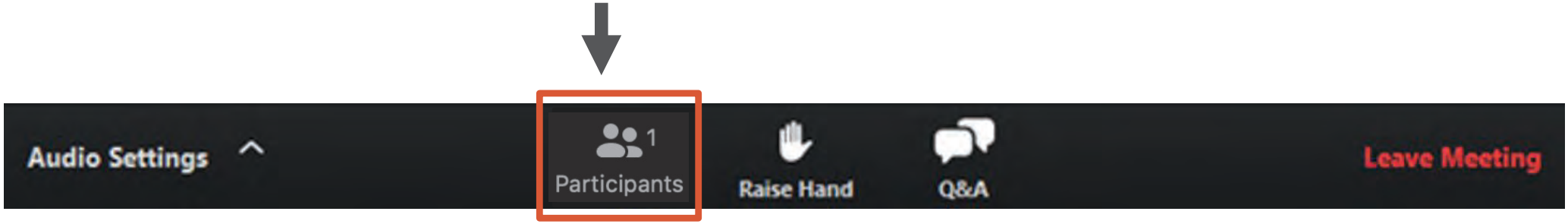
How to use Zoom

Participants window allows you to change your name



When participating, **rename yourself** on the "participants tab."
(First name with last initial is okay)

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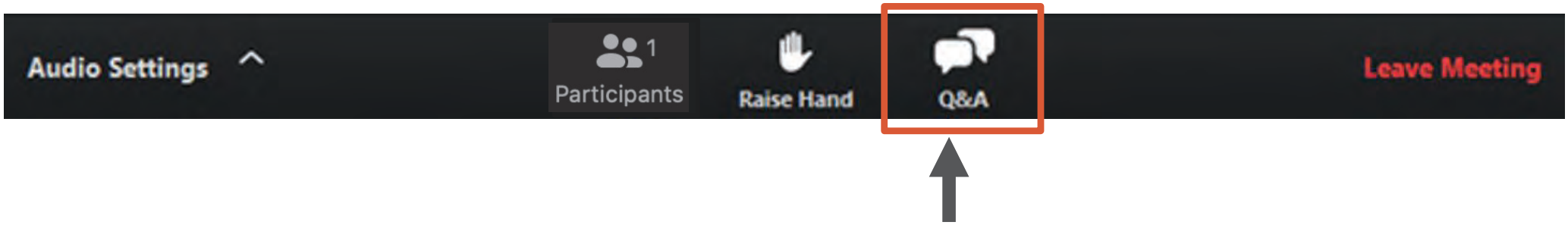
How to use Zoom



Question and Answer Open panel to ask question. Hosts will answer verbally or in the panel at scheduled times throughout the meeting.

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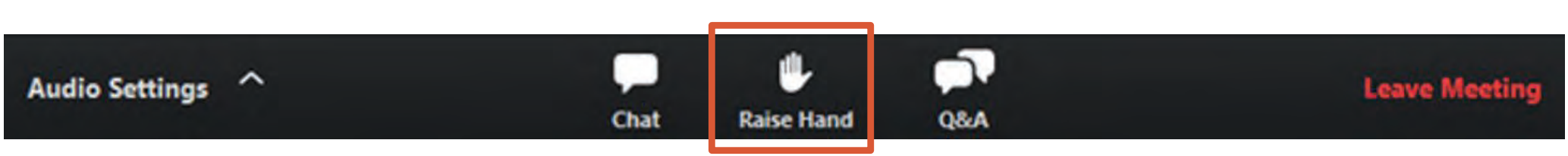
How to use Zoom

Raise your hand if you would like to speak during the Q&A session. This will appear only during the Q&A session.

Raise Hand in the webinar if you want to make a comment or ask a question.



Mentimeter

- This workshop will include interactive elements using Mentimeter
- We will use polls and questions that you can respond to using your computer, phone, or tablet

www.menti.com
and enter XXXX XXXX

- Stay on that page for the duration of the presentation

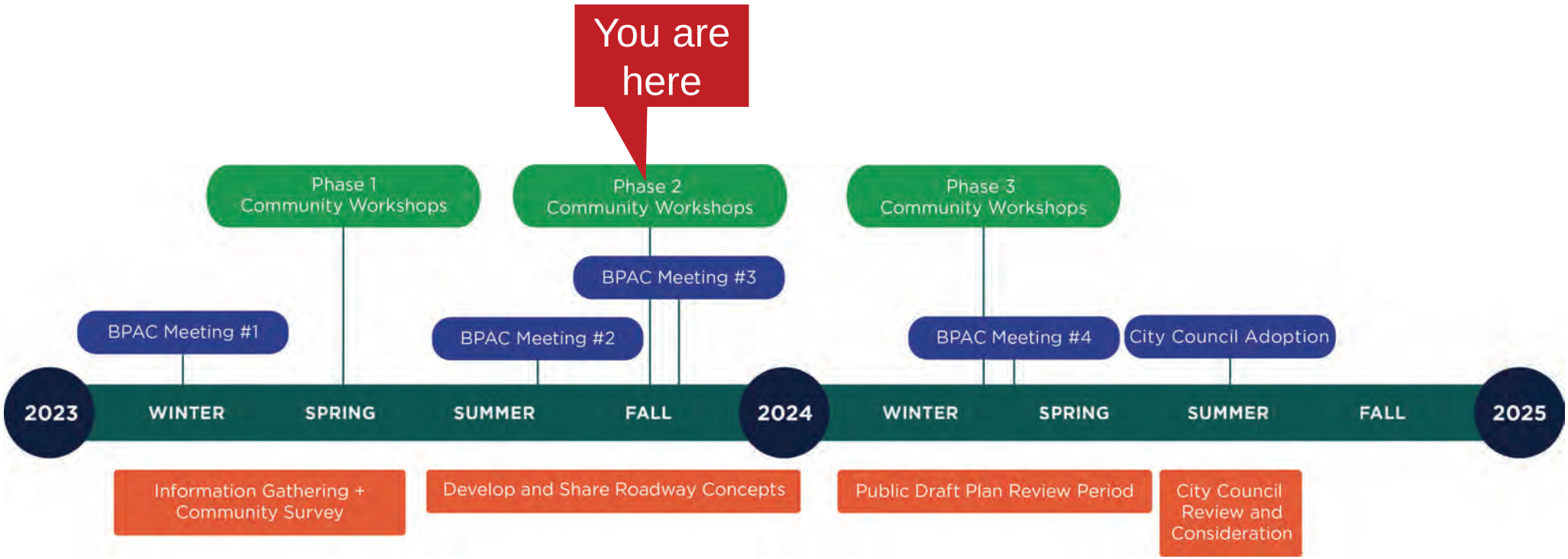
Menti Intro

www.menti.com
XXXX-XXXX

Plan Process

- Phase 1: Information Gathering and Existing Conditions Analysis
- Phase 2: Develop and Share Roadway Concepts **(WE ARE HERE)**
- Phase 3: Review Technical Analysis and Revised Concepts
- Phase 4: City Council Review and Consideration

Schedule


You are here
Phase 1 Community Workshops
Phase 2 Community Workshops
Phase 3 Community Workshops
BPAC Meeting #3
BPAC Meeting #1
BPAC Meeting #2
BPAC Meeting #4
City Council Adoption
2023
WINTER
SPRING
SUMMER
FALL
2024
WINTER
SPRING
SUMMER
FALL
2025
Information Gathering + Community Survey
Develop and Share Roadway Concepts
Public Draft Plan Review Period
City Council Review and Consideration

Study Area Today

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Monroe Street at Glade Drive, looking west

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Project Study Area
Lawrence Expwy to San Tomas Expwy

Monroe Street

- Roadway Characteristics
  - Lawrence Expwy to San Tomas Expwy
    - 1.7-mile east-west segment
    - 4 to 5-lane roadway
    - Posted speed limit: 35 MPH
    - Currently no continuous bicycle facilities (existing bike lanes in segments)
    - Primarily fronted by houses and Wilcox HS

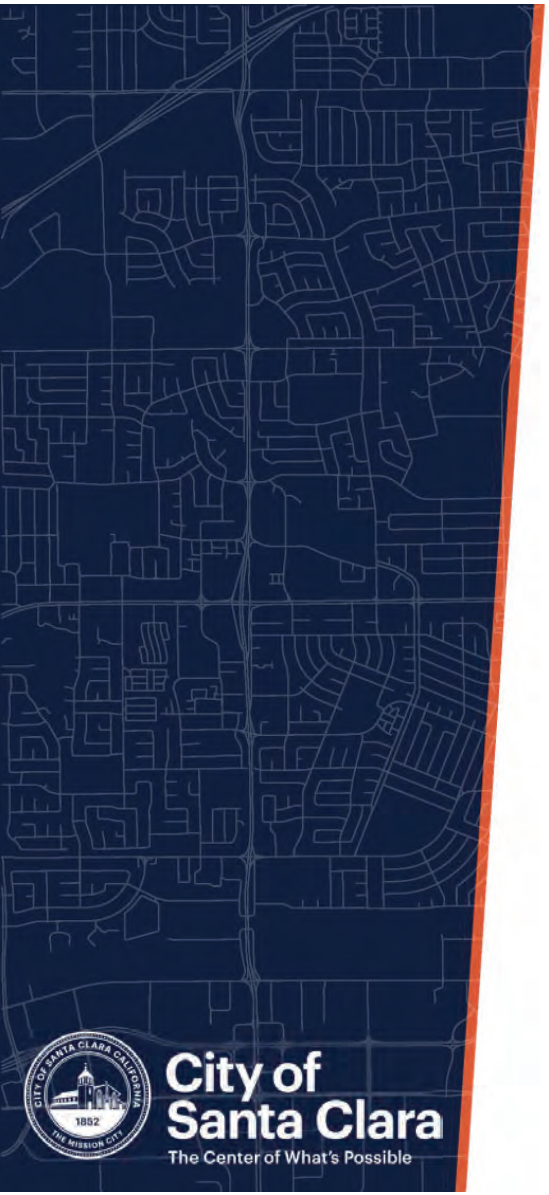
Four-lane roadway (64 feet typical)

Activities Completed to Date

- Phase 1 community engagement
  - Two virtual workshops
  - One pop-up event (Bike to Work Day)
  - Online community survey
- Existing conditions data collection
  - Traffic counts, turning movements, and travel time
  - Parking
  - Collisions
  - Site visit

Top Themes from Community Engagement

- Create safe, comfortable bicycle facilities
- Improve pedestrian and bicycle crossings
- Improve the San Tomas Aquino Creek Trail crossing



Corridor Collision and Parking Analysis

Safety and Parking

Monroe St Collisions by mode ('17-'22)

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- 114 motor vehicle collisions
- 9 bicycle collisions
- 7 pedestrian collisions

Collision Severity (2017-2022)

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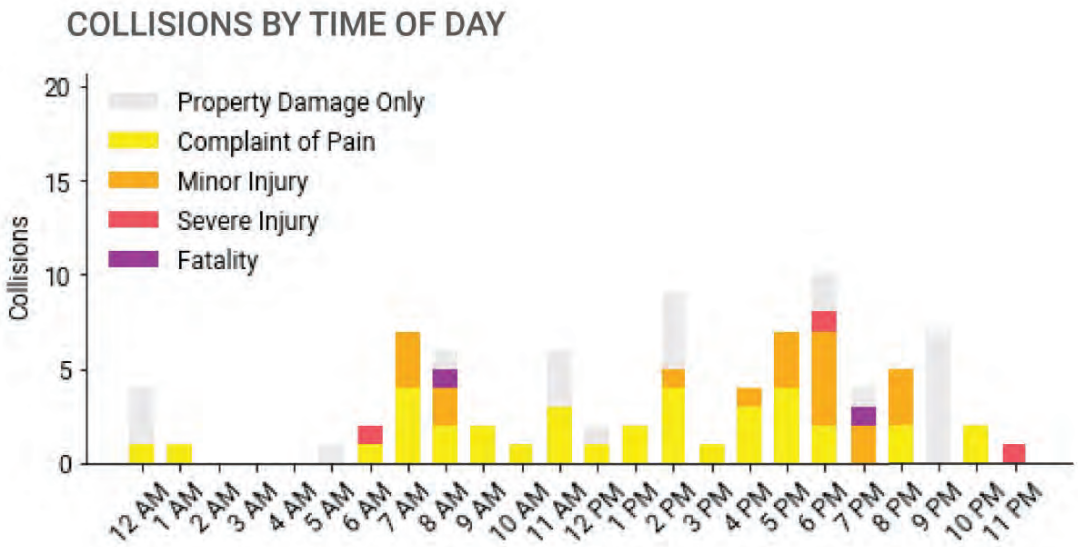
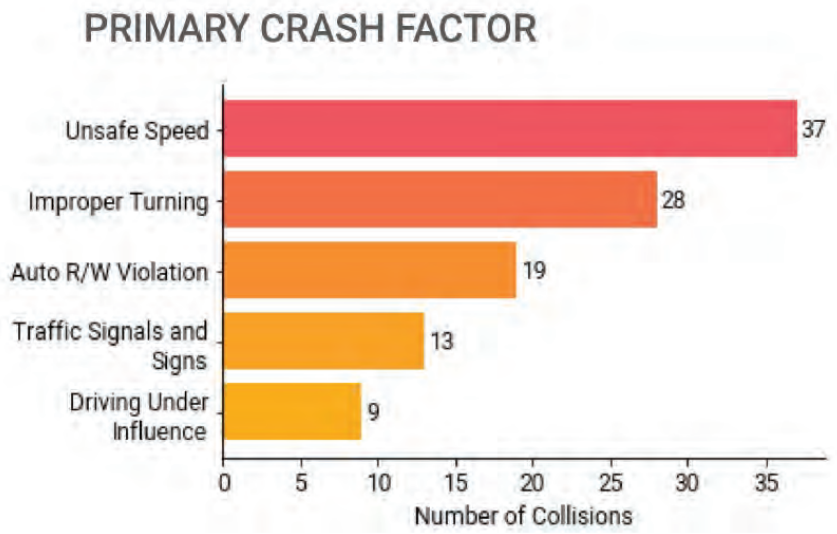
- 2 fatal collisions
- 3 collisions with severe injuries
- 37 collisions involved speeding





Parking Utilization

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Location	# of Available Parking	Average Cars Observed	Average Utilization Rate
Monroe North	201	79	39%
Monroe South	118	43	36%
Monroe Overall	**319**	**122**	**38%**
Side Streets	884	328	37%

*Average utilization rate is an average of weekday and weekend peak parking demand.

Average of Peak Parking Demand

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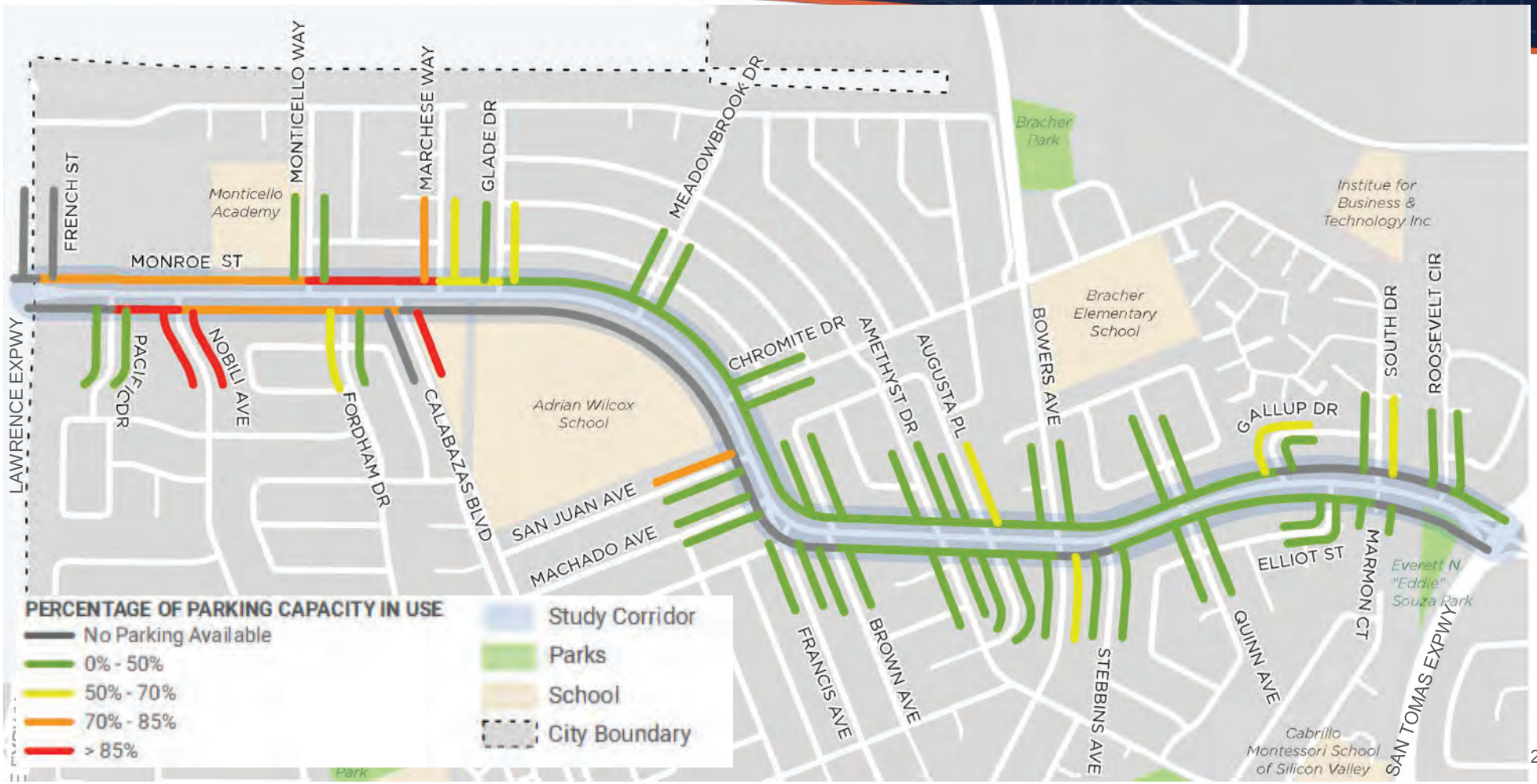

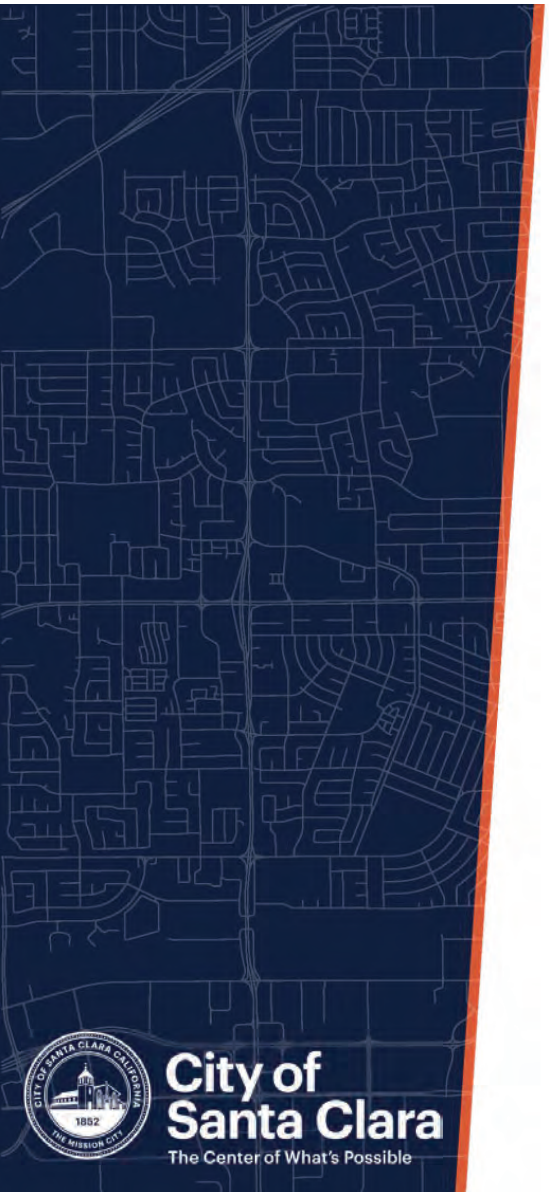

Corridor Concepts

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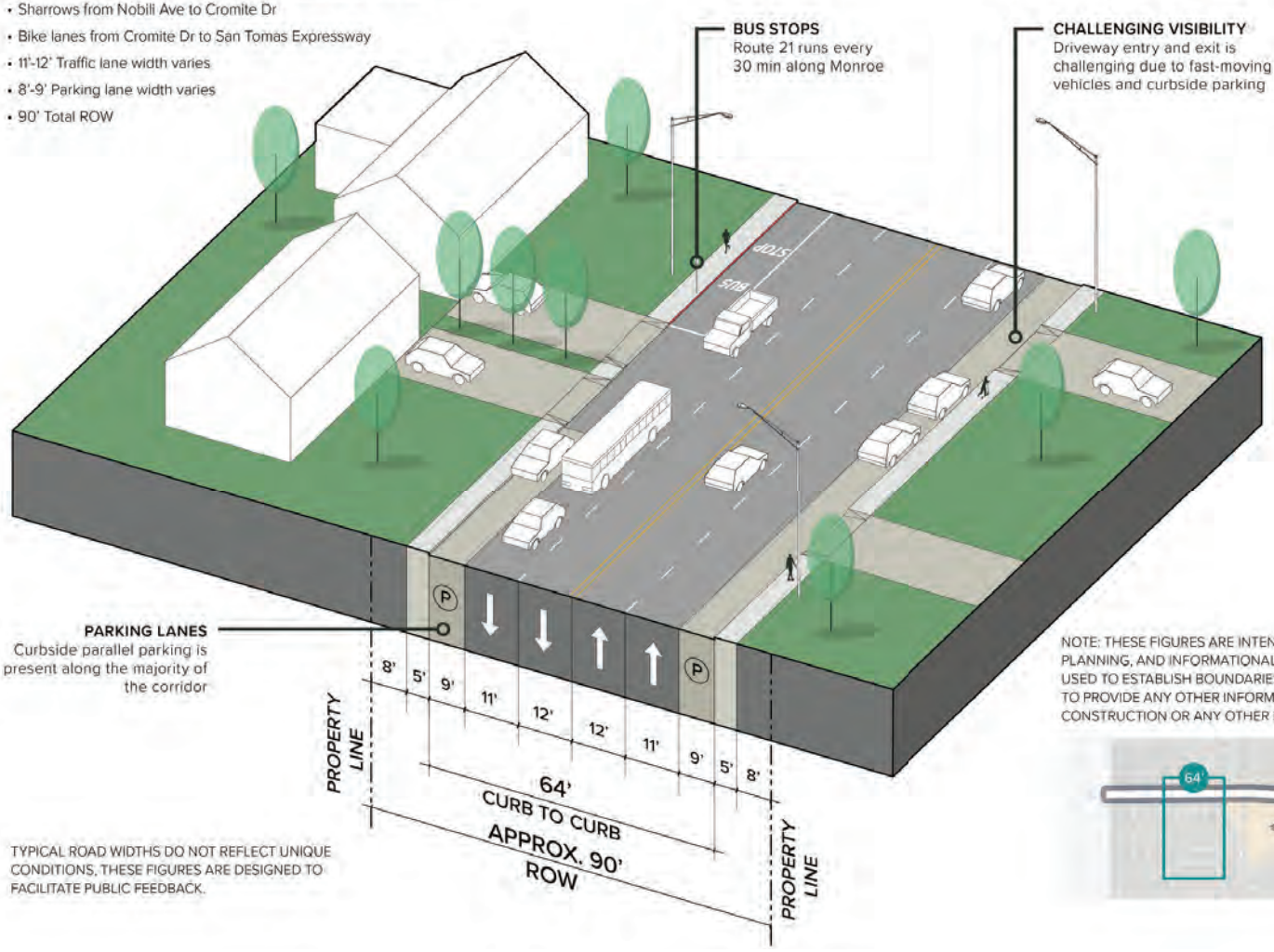
Existing Road Widths

64' WIDE TYPICAL

Existing Conditions

MONROE ST FROM LAWRENCE EXPWY TO SAN TOMAS EXPWY (~1.7 MI)

- Sharrows from Nobili Ave to Cromite Dr
- Bike lanes from Cromite Dr to San Tomas Expressway
- 11'-12' Traffic lane width varies
- 8'-9' Parking lane width varies
- 90' Total ROW



TYPICAL ROAD WIDTHS DO NOT REFLECT UNIQUE CONDITIONS, THESE FIGURES ARE DESIGNED TO FACILITATE PUBLIC FEEDBACK.

PHOTO: EXISTING CONDITIONS ON MONROE

NOTE: THESE FIGURES ARE INTENDED ONLY FOR REFERENCE, CONCEPTUAL PLANNING, AND INFORMATIONAL PURPOSES. THESE FIGURES SHOULD NOT BE USED TO ESTABLISH BOUNDARIES, PROPERTY LINES, LOCATION OF OBJECTS, OR TO PROVIDE ANY OTHER INFORMATION TYPICALLY NEEDED FOR FINAL DESIGN, CONSTRUCTION OR ANY OTHER PURPOSE WHEN ENGINEERED PLANS ARE REQUIRED.

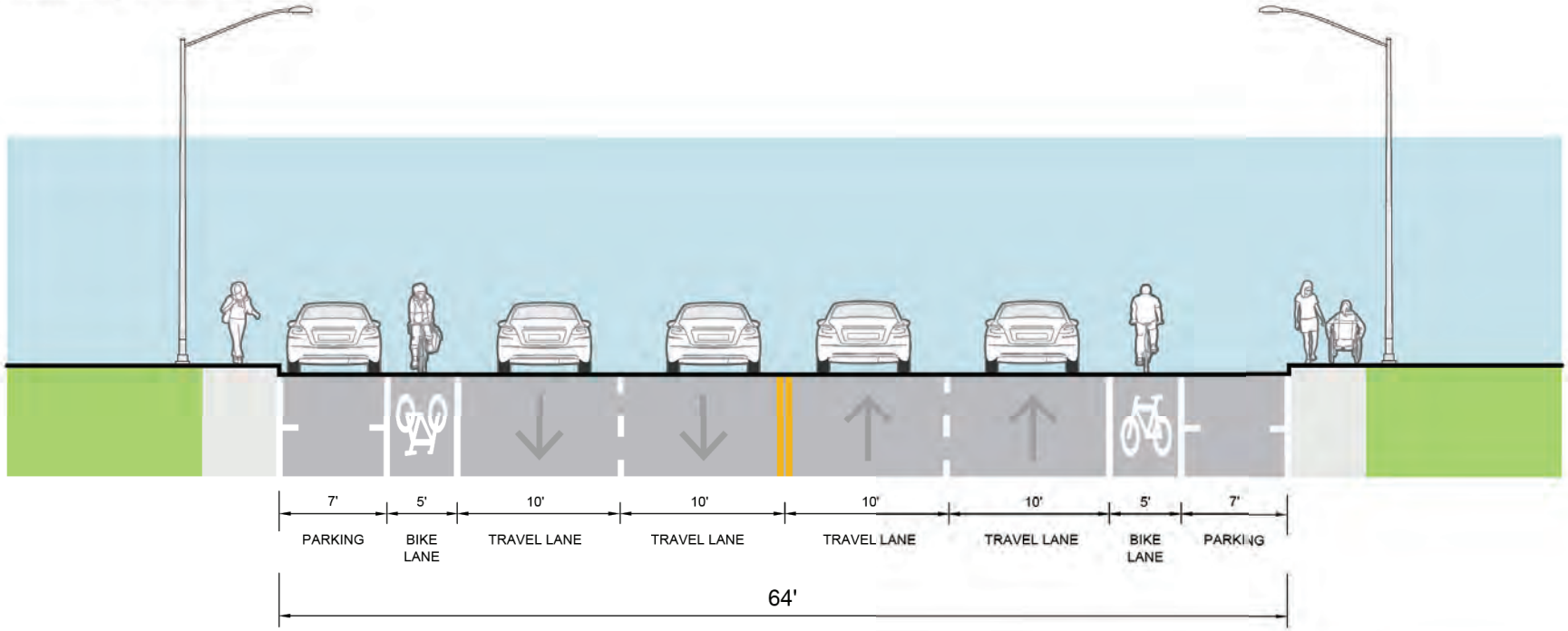
64' WIDE

Existing Conditions

VARIATION FROM TYPICAL EXISTING CONDITION

MONROE ST FROM CHROMITE DR TO SAN TOMAS EXPY

- Two sides parking + Class II bike lanes



FACING WEST

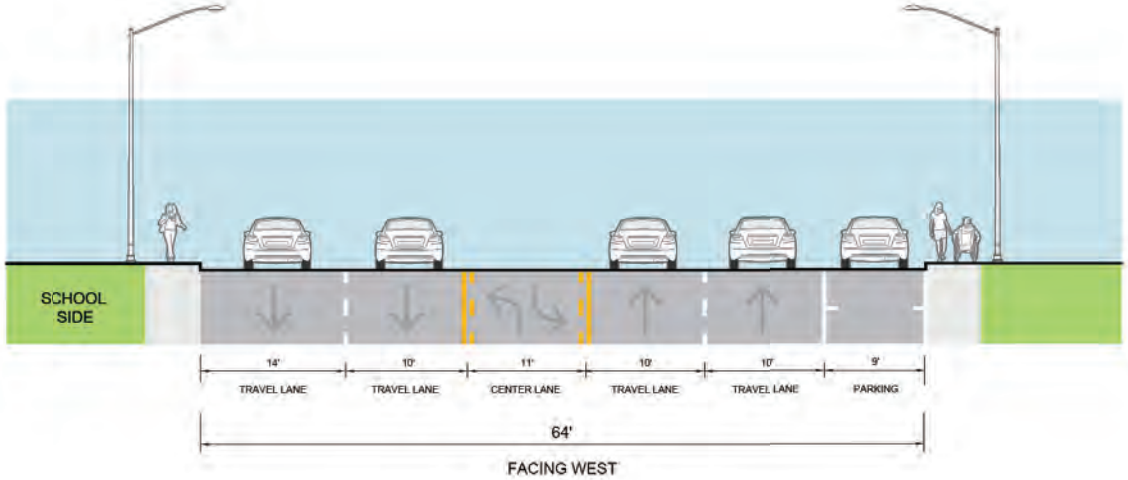
64' WIDE

Existing Conditions

ALONGSIDE HIGH SCHOOL

MONROE ST FROM MARCHESE WAY TO CHROMITE DR

- One side parking + center lane



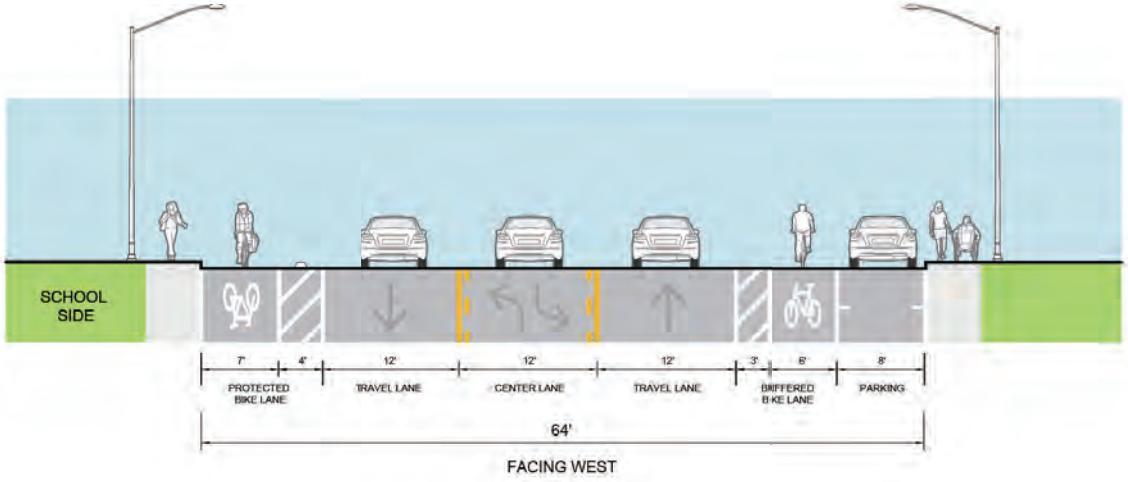
64' WIDE

Proposed Concept

ALONGSIDE HIGH SCHOOL

MONROE ST FROM MARCHESE WAY TO CHROMITE DR

- South side protected bike lane
- North side buffered bike lane



Join at menti.com use code 5690 3478

Mentimeter

Rank your level of support for the proposed Alongside High School segment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Mentimeter
Start Menti
Why did you select that rating?
Waiting for responses ...

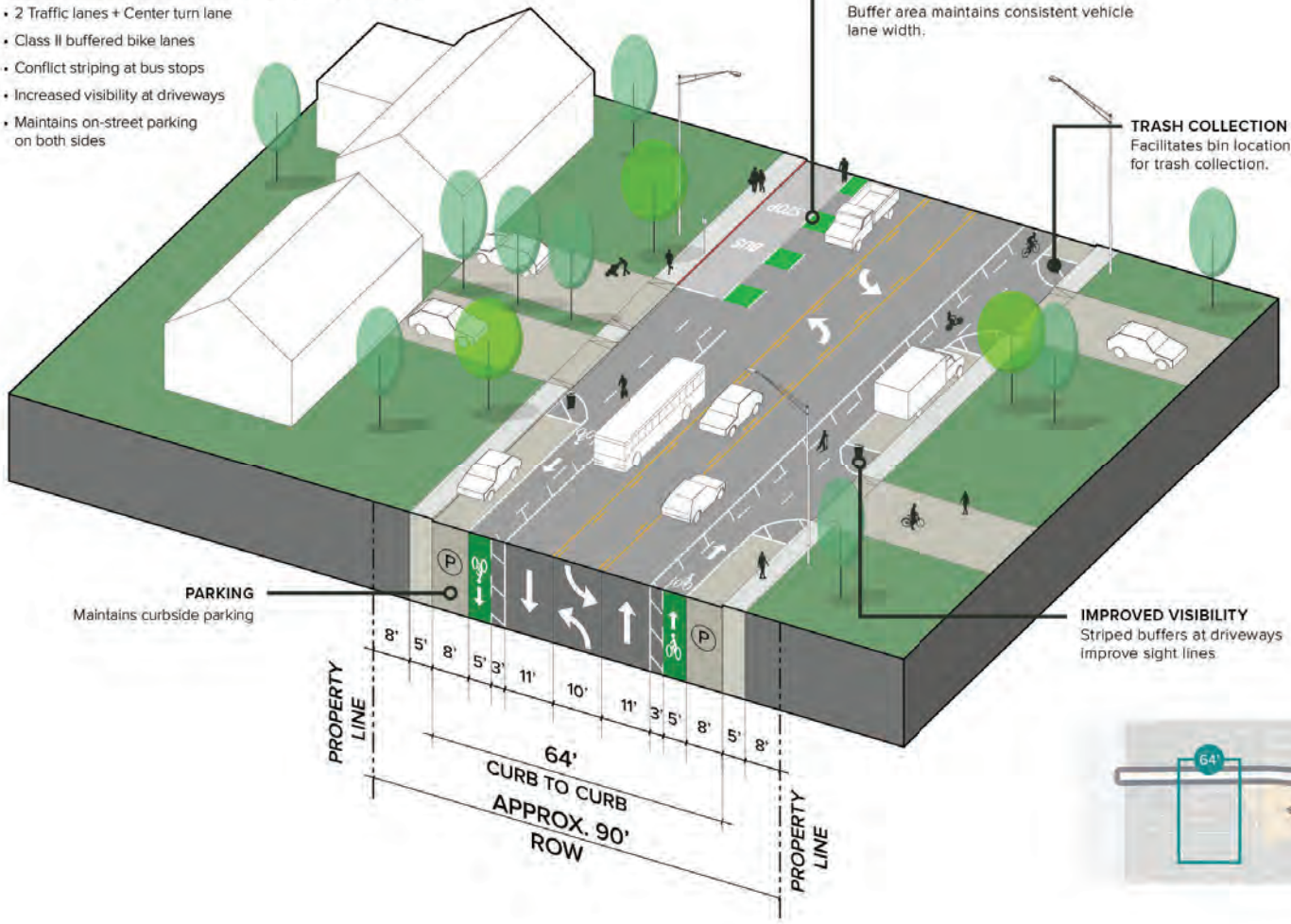
64' WIDE TYPICAL

Concept 01 (Reduces Travel Lanes)

BUFFERED BIKE LANES + CURBSIDE PARKING

MONROE ST FROM LAWRENCE EXPWY TO SAN TOMAS EXPWY (~1.7 MI)

- 2 Traffic lanes + Center turn lane
- Class II buffered bike lanes
- Conflict striping at bus stops
- Increased visibility at driveways
- Maintains on-street parking on both sides



BUFFERED BIKE LANES
A buffer between vehicle traffic provides additional horizontal separation from vehicles.

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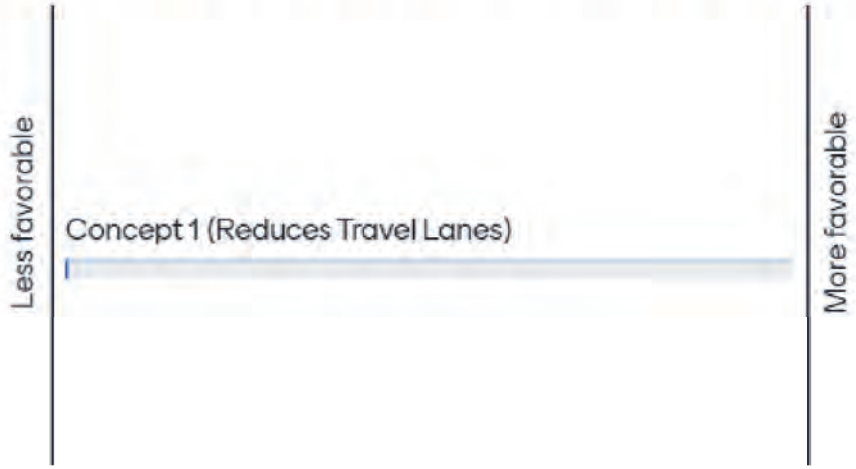
Mentimeter

Rank your level of support for Concept 1 - Buffered Bike Lanes + Curbside Parking

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Start Menti
Why did you select that rating?
Waiting for responses

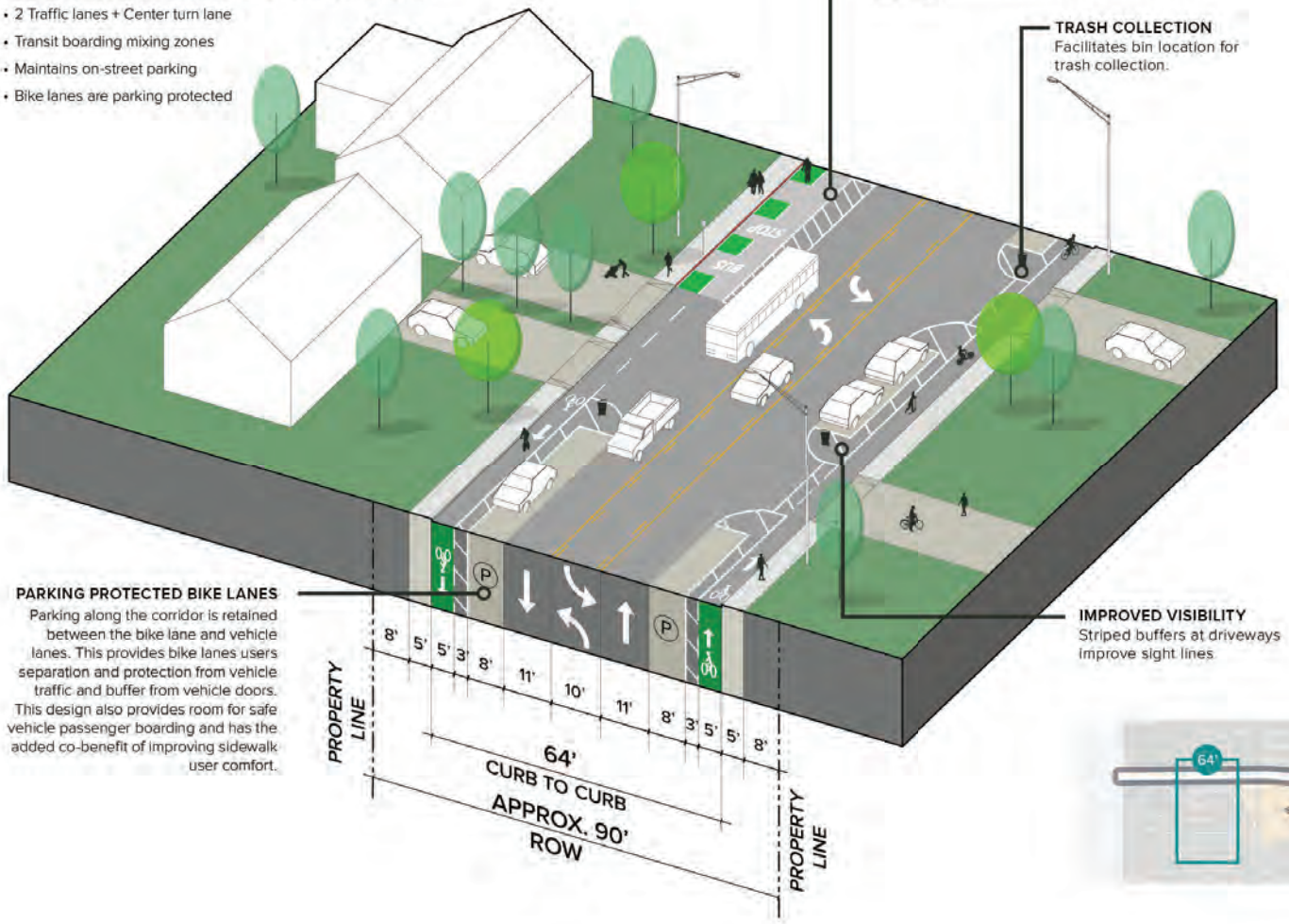
64' WIDE TYPICAL

Concept 02 (Reduces Travel Lanes)

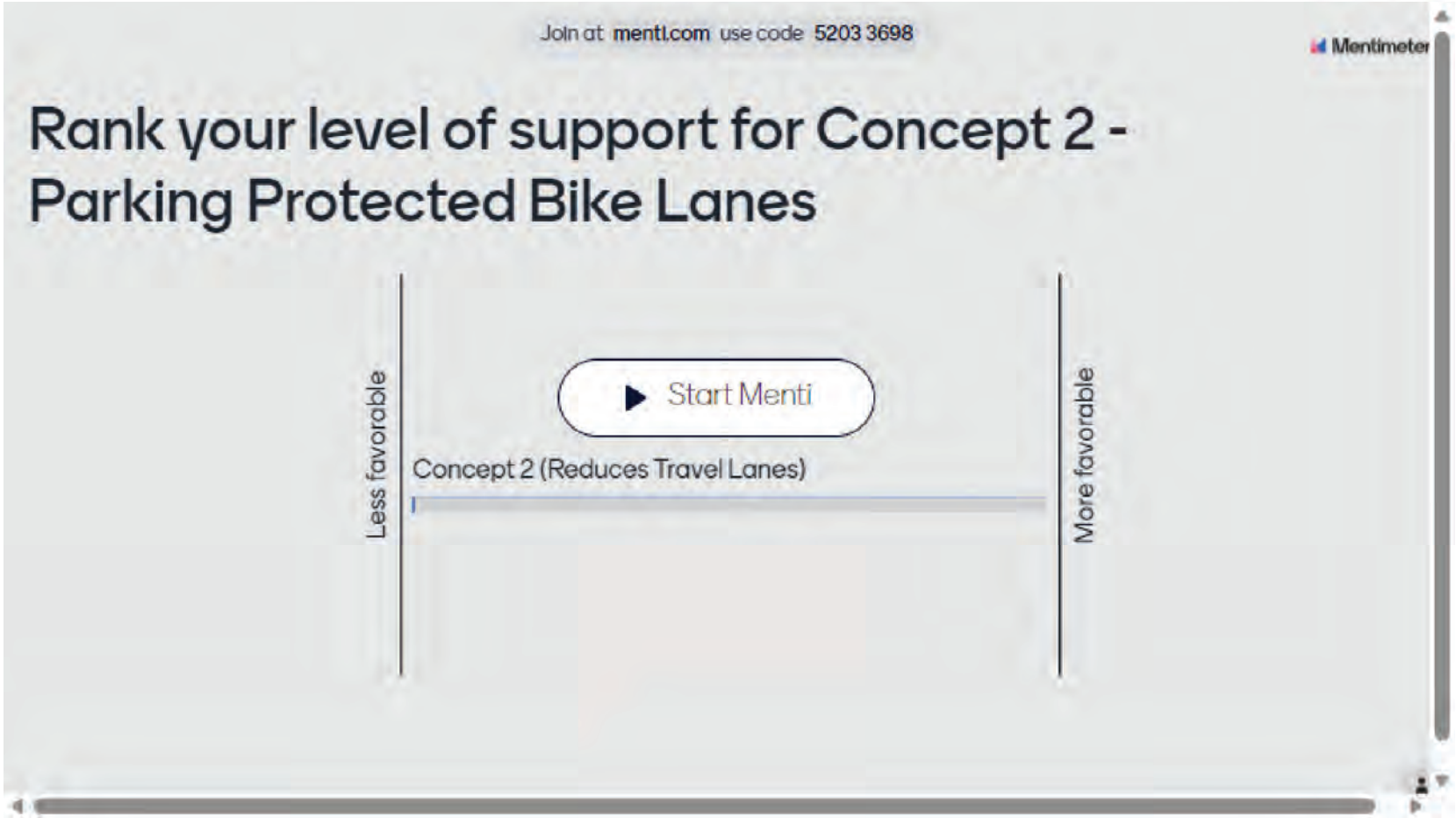
PARKING PROTECTED BIKE LANES

MONROE ST FROM LAWRENCE EXPWY TO SAN TOMAS EXPWY (~1.7 MI)

- 2 Traffic lanes + Center turn lane
- Transit boarding mixing zones
- Maintains on-street parking
- Bike lanes are parking protected



PARKING PROTECTED BIKE LANES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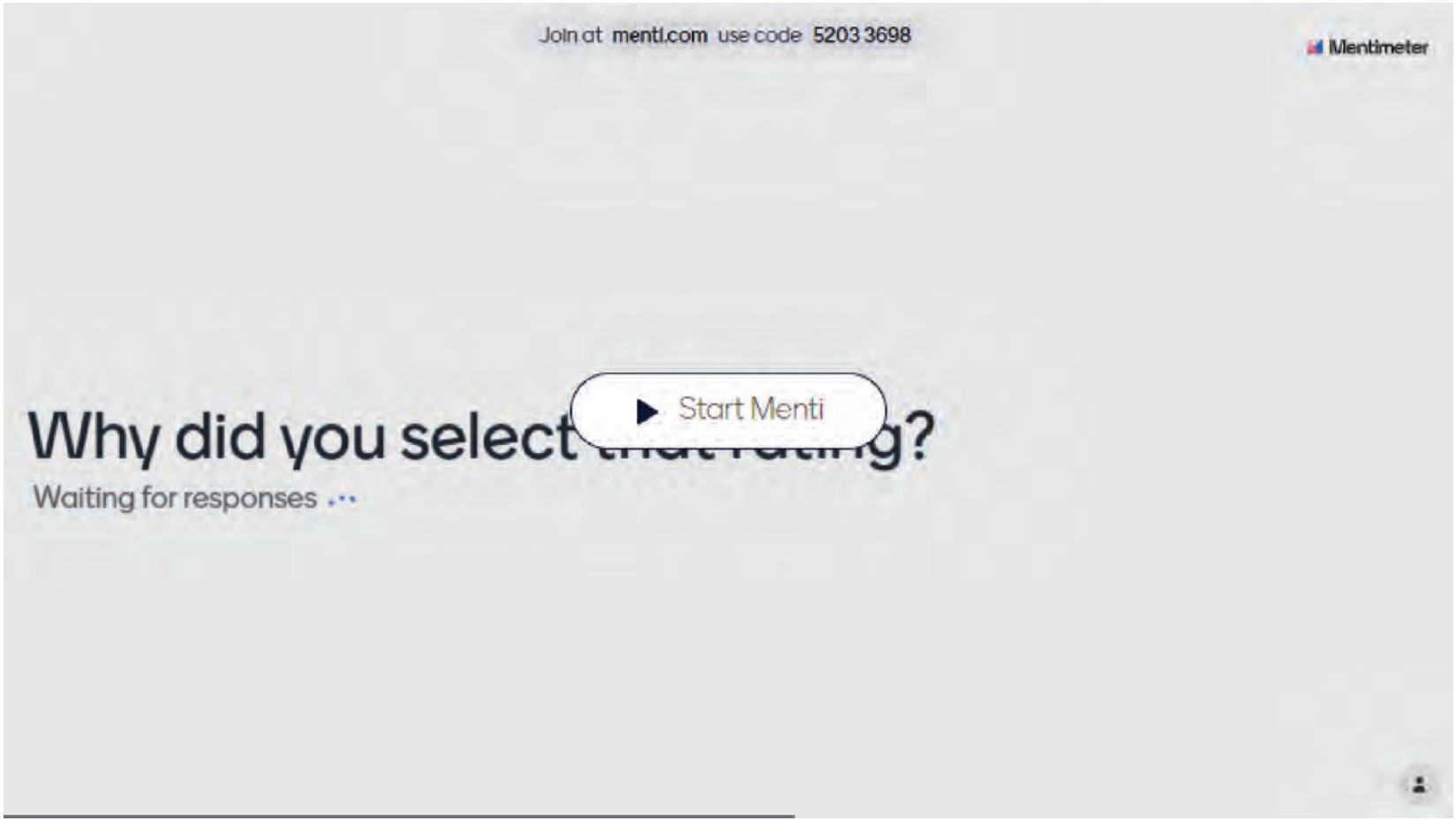
Mentimeter
Rank your level of support for Concept 2 - Parking Protected Bike Lanes
Less favorable
Start Menti
Concept 2 (Reduces Travel Lanes)
More favorable


Join at menti.com use code 5203 3698
Mentimeter
Start Menti
Why did you select that rating?
Waiting for responses

64' WIDE TYPICAL

Concept 03 (Removes Parking on One Side)

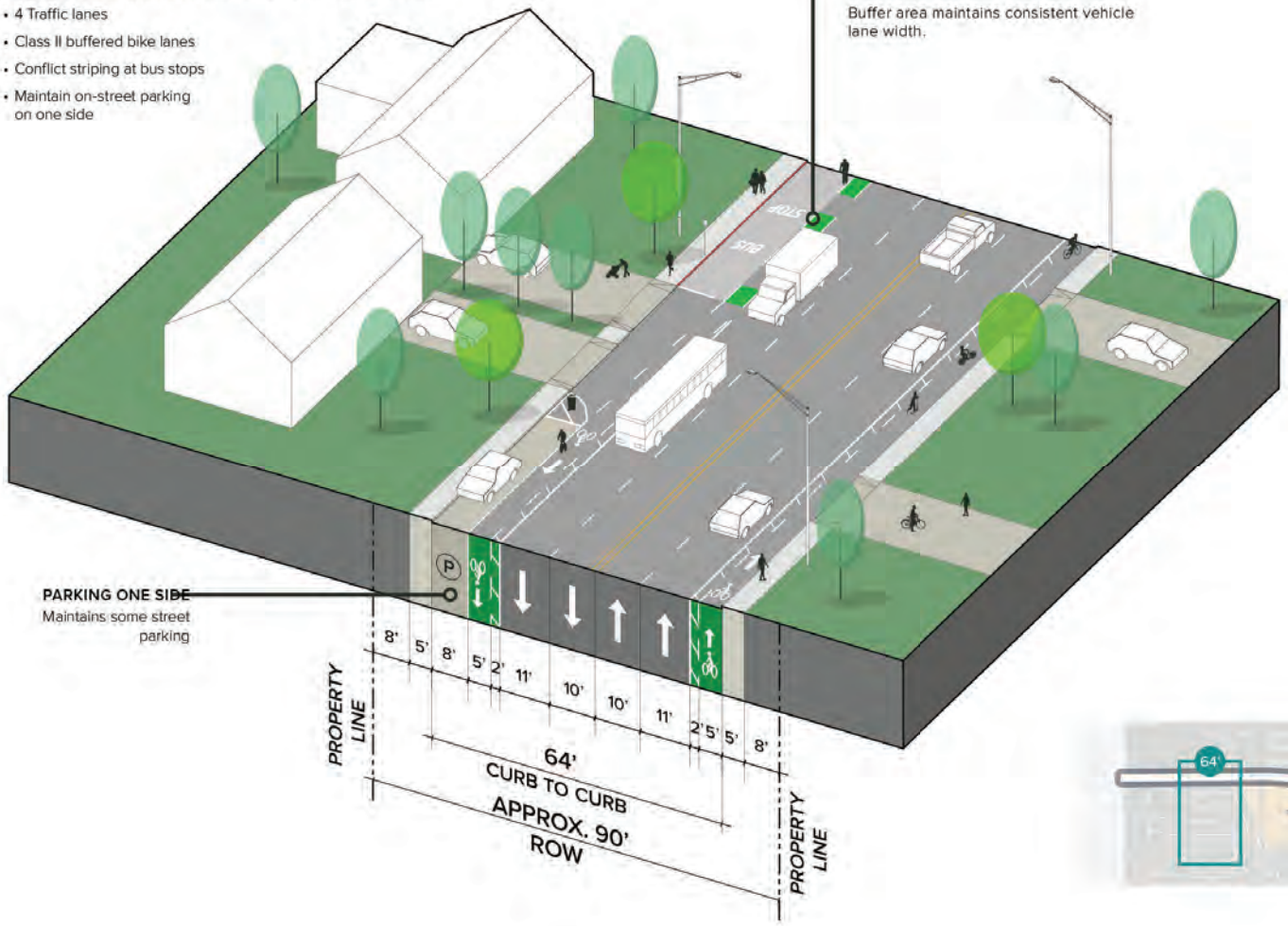
BUFFERED BIKE LANES + 4 VEHICLE LANES

MONROE ST FROM LAWRENCE EXPWY TO SAN TOMAS EXPWY (~1.7 MI)

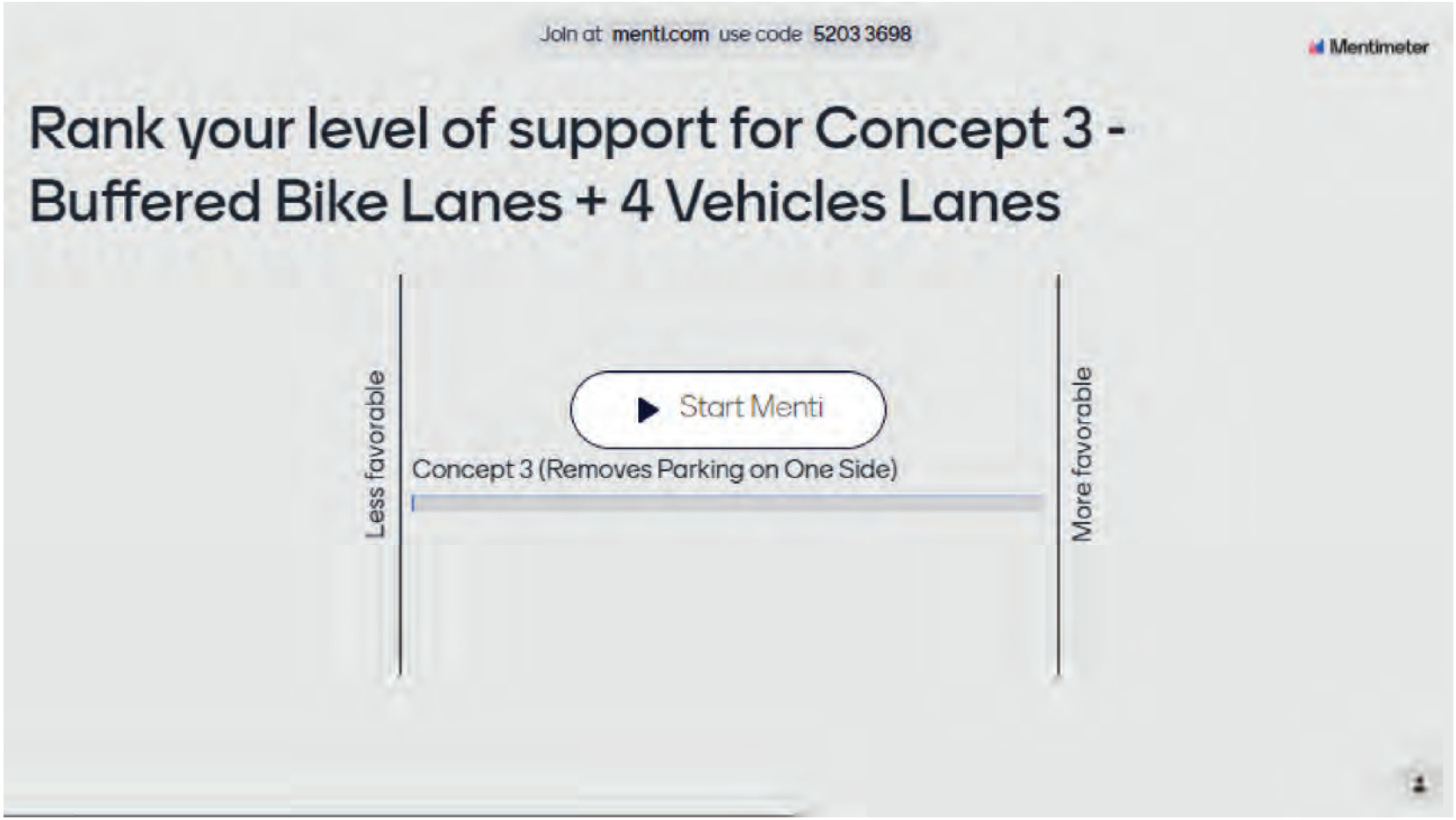
- 4 Traffic lanes
- Class II buffered bike lanes
- Conflict striping at bus stops
- Maintain on-street parking on one side

BUS MIXING ZONE
Green striping helps warn users of potential conflict between buses and cyclists.

Buffer area maintains consistent vehicle lane width.



BUFFERED BIKE LANES
A buffer between vehicle traffic provides additional comfort for cyclists.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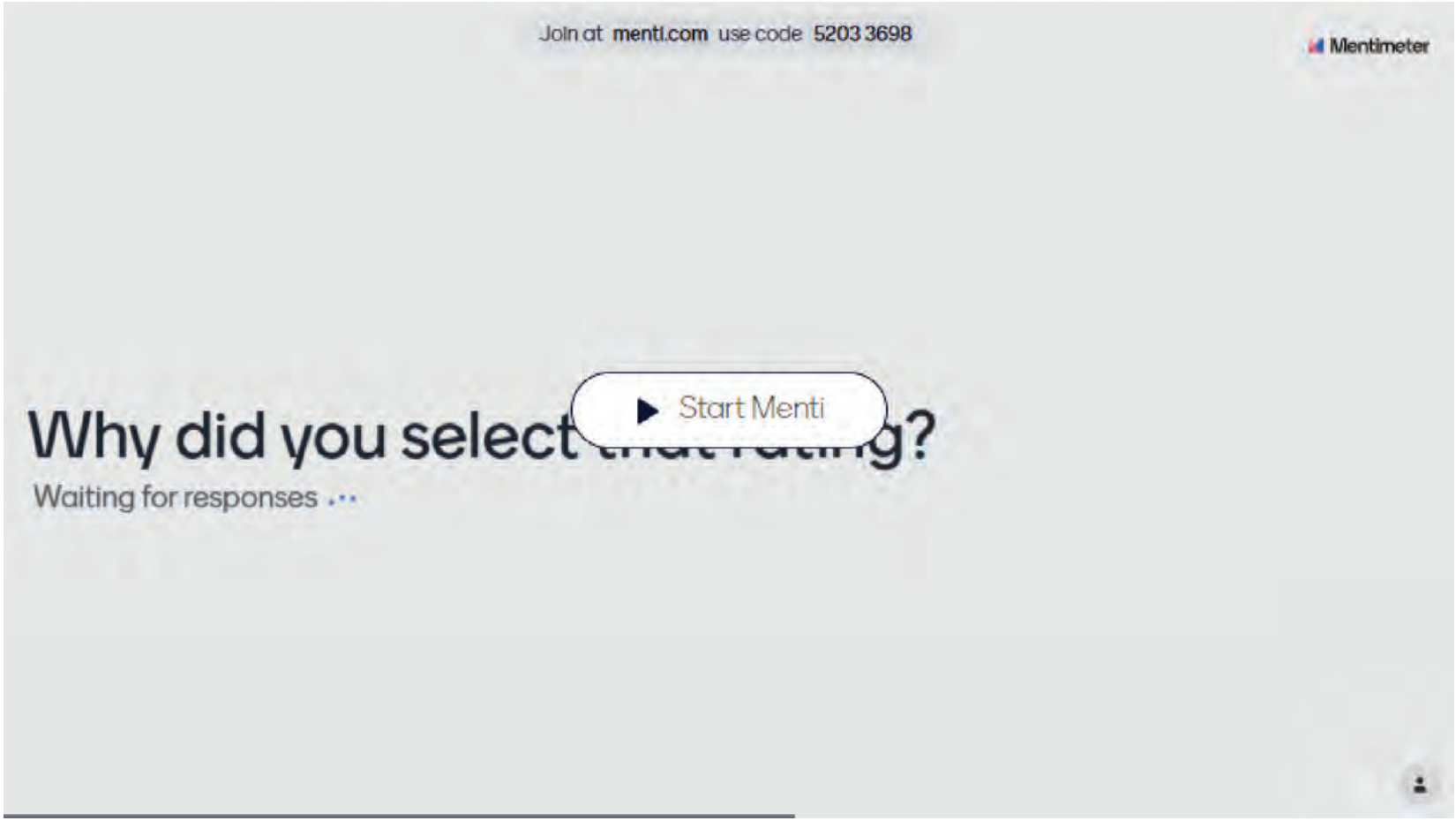
Mentimeter
Rank your level of support for Concept 3 - Buffered Bike Lanes + 4 Vehicles Lanes
Less favorable
Start Menti
Concept 3 (Removes Parking on One Side)
More favorable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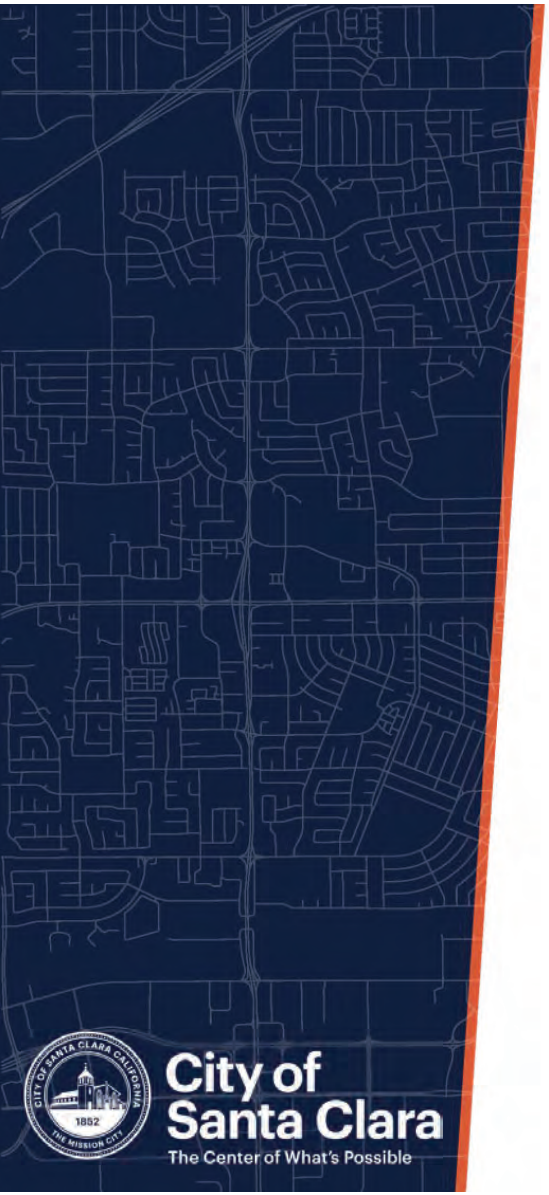

Question and Answer Session

Question and Answer Session

- Raise your hand in Zoom to be unmuted to share your comment/feedback
- Type your question or feedback in the Q&A Box

Next Steps

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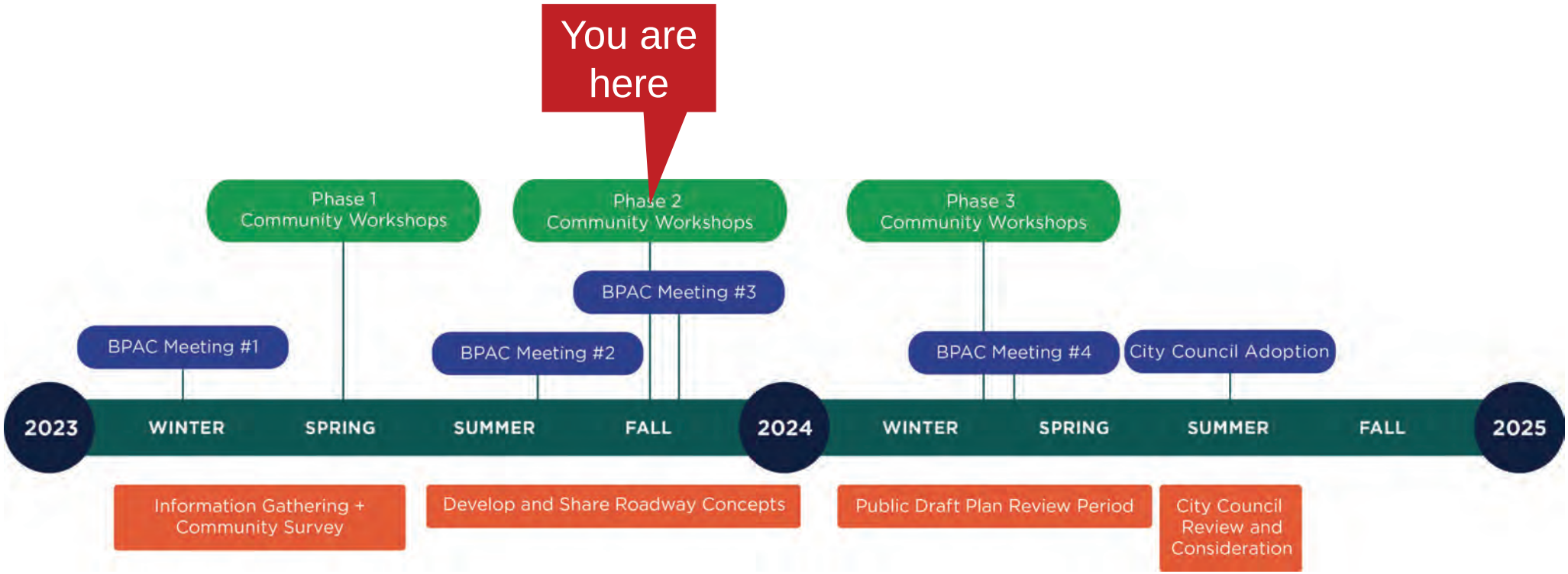
Next Steps

- The Concept Survey is now posted on the project website.
- Community Meeting on September 23rd
- Two pop-up events
  - Events with Wilcox High School
  - Santa Clara Art and Wine Festival – Central Park – September 16th and 17th

Schedule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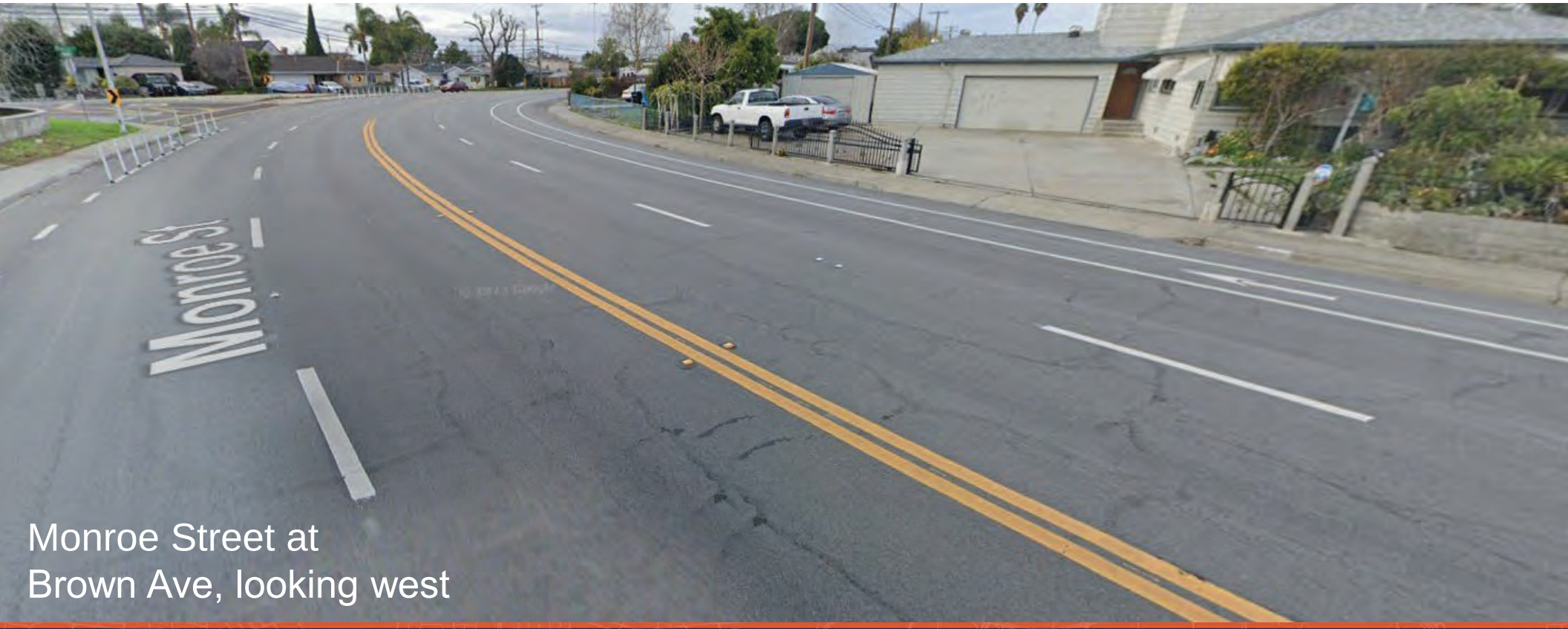
Ways to stay involved

1. Check the project website for event updates: Go to **SantaClaraCA.gov/BikePedProjects**
2. Send us an email: **MonroeStudy@AltaGO.com**
3. Call and leave a voice message: (**408) 320-7060**
4. Attend future community meetings and other engagement events



Monroe Street at
Brown Ave, looking west

Thank You!

MonroeStudy@altago.com

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