

MIDDLE AVENUE COMPLETE STREETS STUDY

The **Vision Zero Action Plan** affirms our goal to **eliminate all traffic fatalities and serious injuries by 2040**. We will do this through the creation of a **Safe System**.

Project Goals

- Improve safety, comfort, and access for all users in a sustainable and equitable manner.
- Increase accessibility to support improvements related to Middle Plaza and Middle Avenue pedestrian/bicycle under crossing.
- Continuing to develop the bicycle network.

Relevant Information

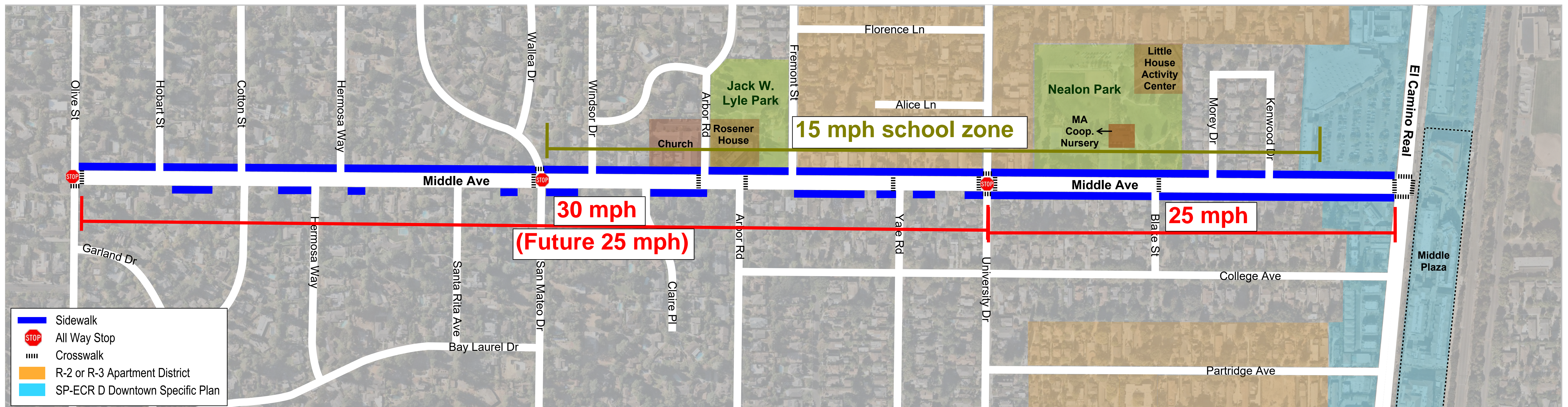
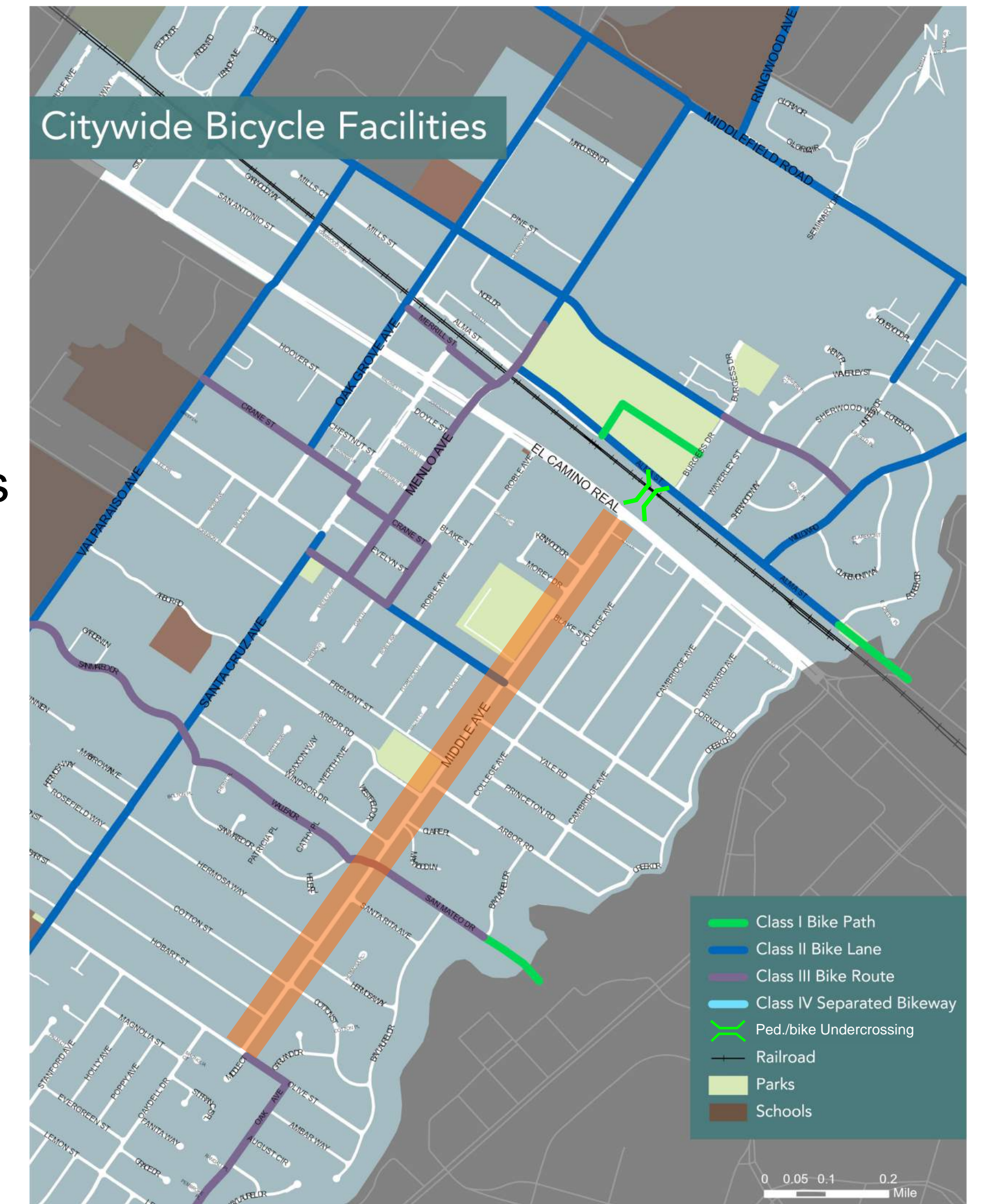
- Middle Avenue / ECR signal evaluation
- Middle Avenue street resurfacing (San Mateo Dr. to ECR)
- Funding from regional grant / City transportation impact fee

Project History

- Mar. 2022: Project planning commenced
- Oct. 2022: City Council approved traffic calming measures
- Feb. 2023: City Council approved bike lane pilot
- Oct. 2023: Bike lane pilot installed

Project Schedule

- April 10, 2024: Complete Streets Commission meeting (recommendation)
- May 7, 2024: City Council meeting (approval)
- Fall/Winter 2024: Design
- Summer 2025: Construction



MIDDLE AVENUE COMPLETE STREETS STUDY (TRAFFIC CALMING)

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Middle Avenue is one of the City's High Collision Corridor

How Speeds Impact Safety

Vehicle Speed vs Pedestrian Injury and Fatality



Image credit: San Francisco MTA Vision Zero Action Plan, February 2015



MIDDLE AVENUE COMPLETE STREETS STUDY (TRANSPORTATION DATA)

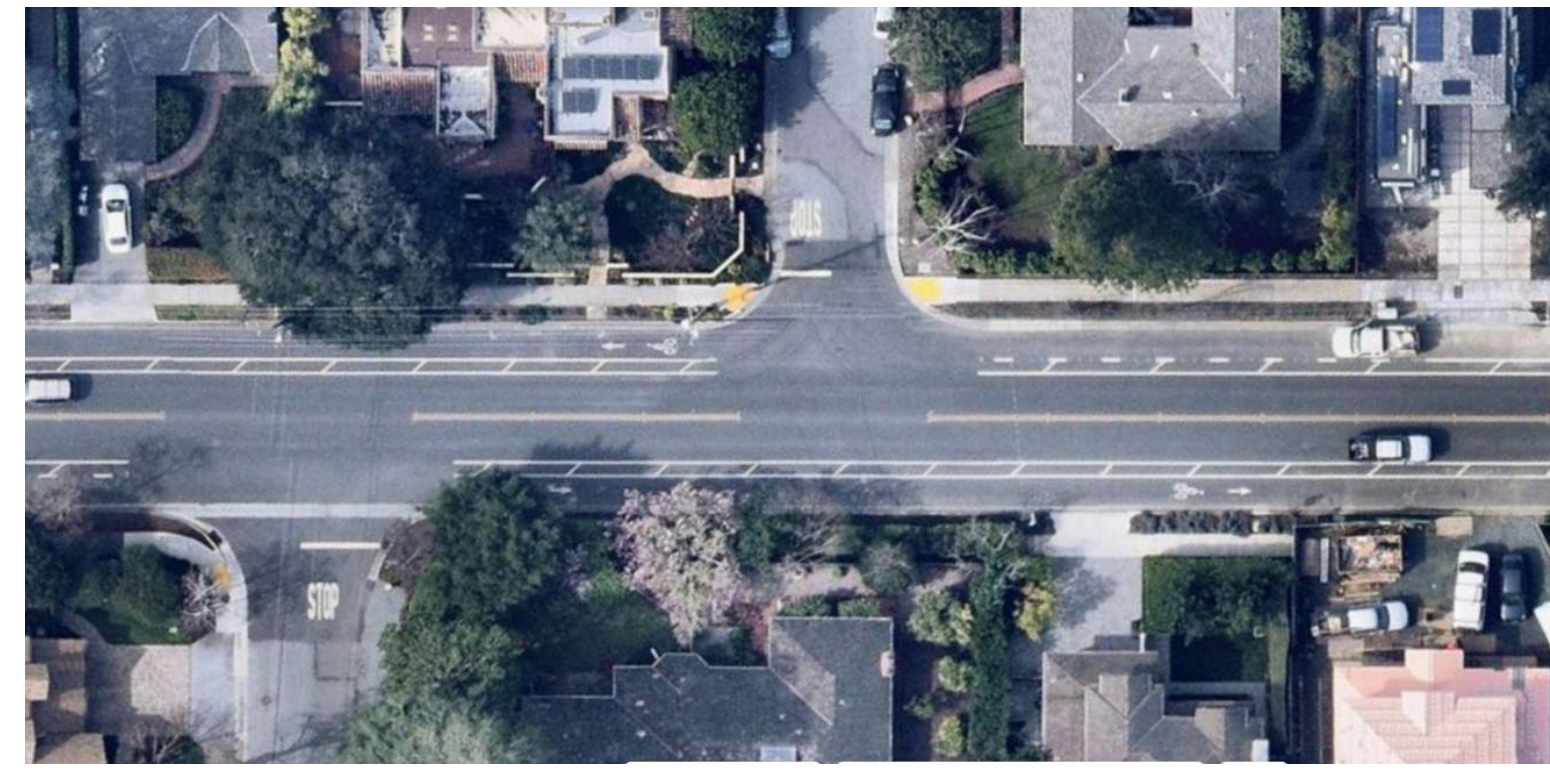
Roadway conditions

Before pilot

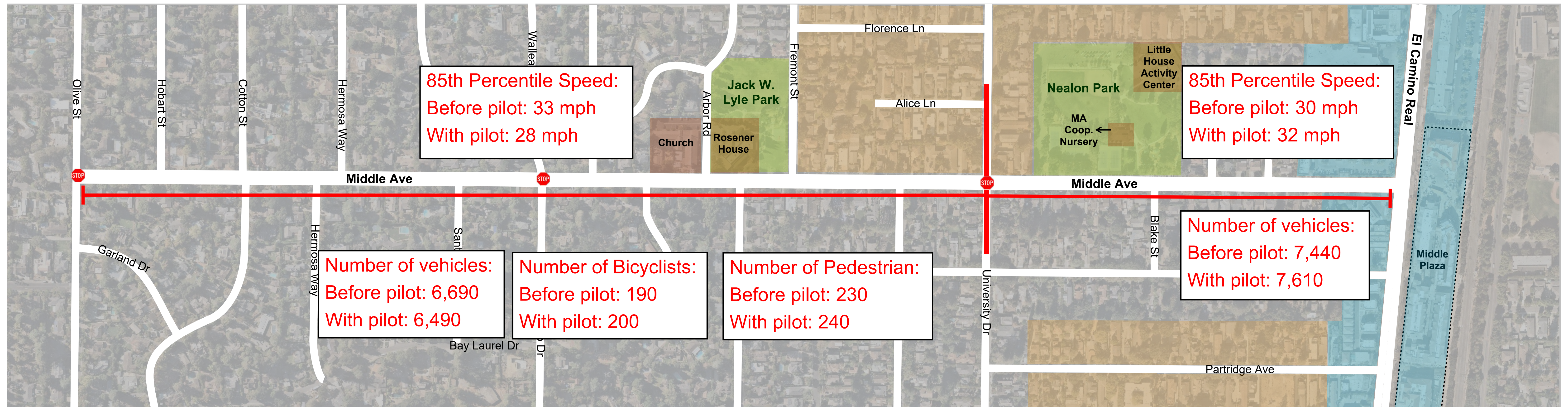


65' City Right-of-Way
 42' wide with 2 vehicle lanes
 Edge lanes with parallel parking
 No separation for bicyclists

With pilot



65' City Right-of-Way
 2 x 10' travel lanes
 2 x 7.5' bike lanes + 3.5' buffer zone
 No on-street parking



Before Pilot Data Collection: February to April, 2023

With Pilot Data Collection: March, 2024

MIDDLE AVENUE COMPLETE STREETS STUDY (COLLISION)

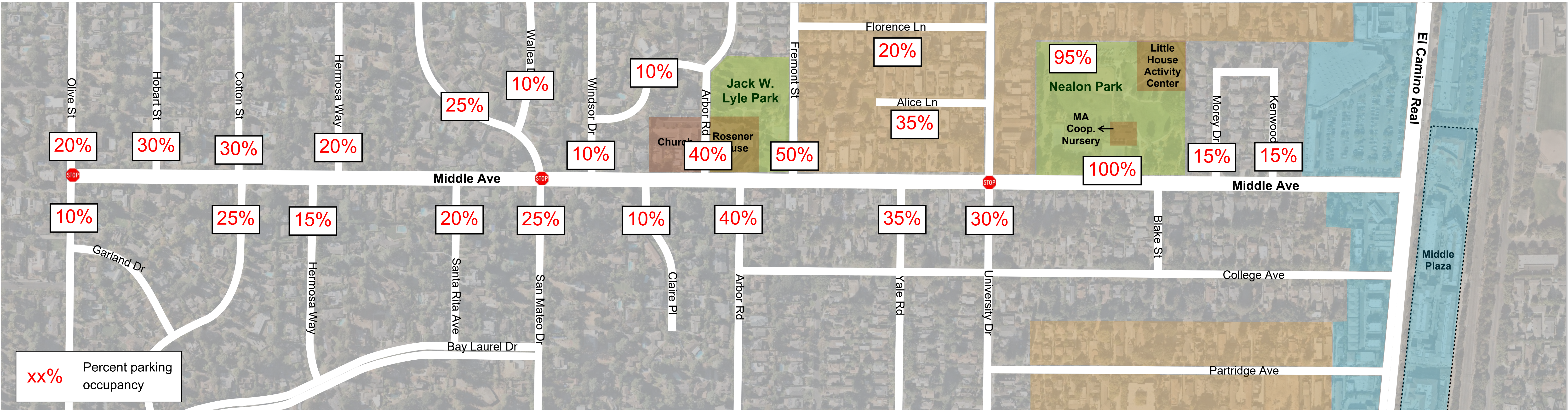
Before pilot (Oct. 2020 - Sept. 2023)



After pilot (Oct. 2023 - current)



MIDDLE AVENUE COMPLETE STREETS STUDY (PARKING OCCUPANCY)

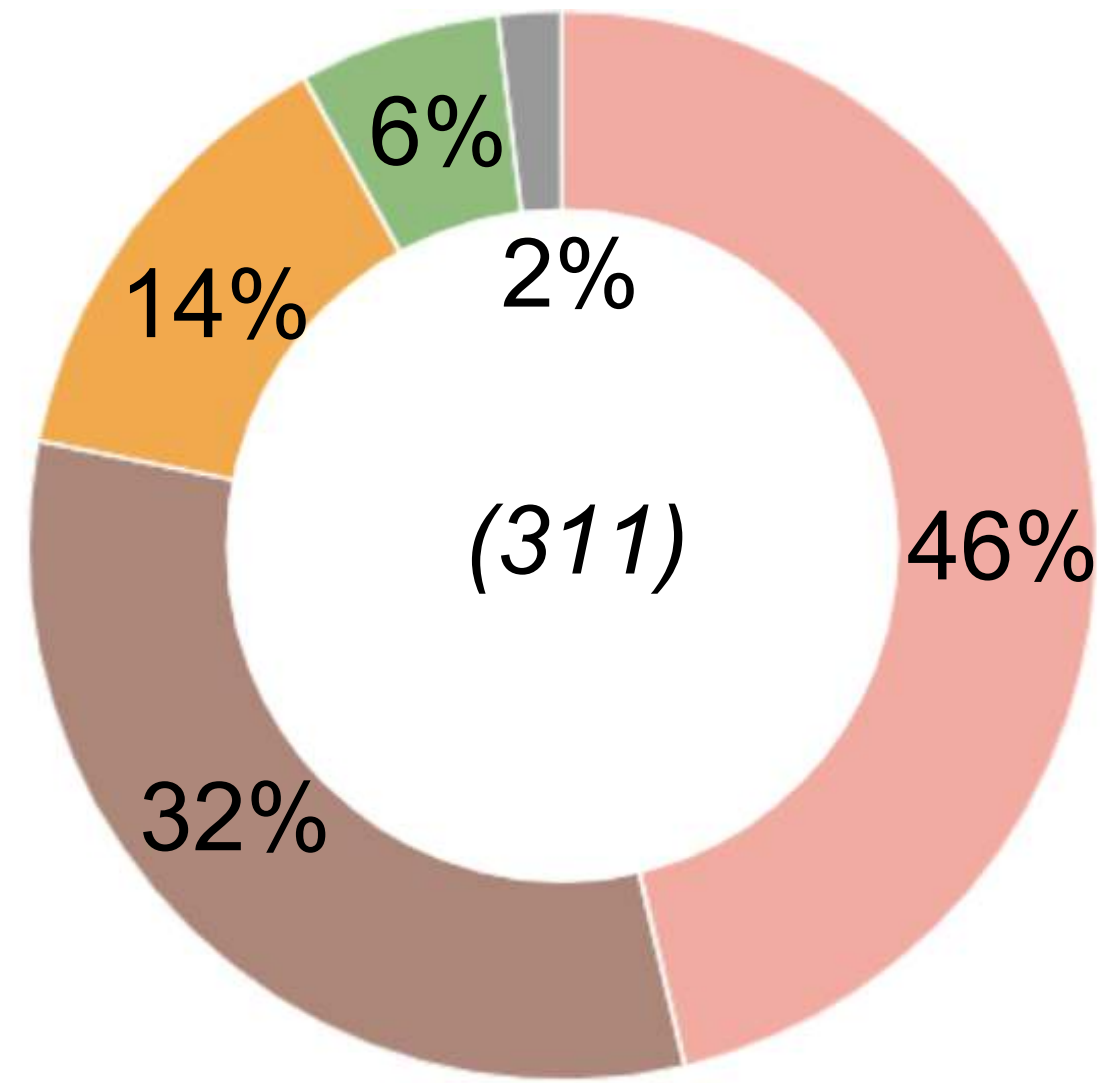


Data Collection Period: March, 2024

MIDDLE AVENUE COMPLETE STREETS STUDY (PUBLIC SURVEY)

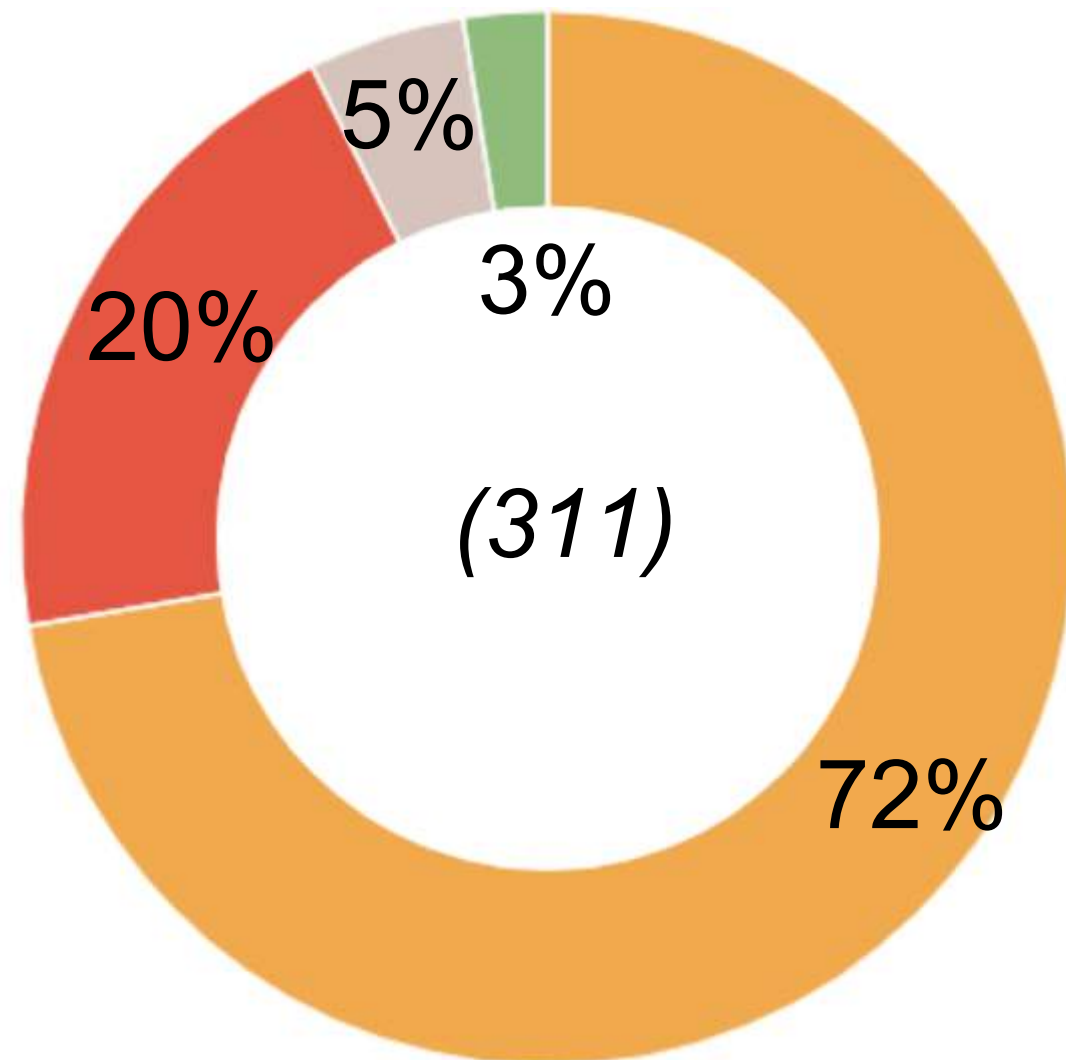
Participants: (311)

Where do you live?



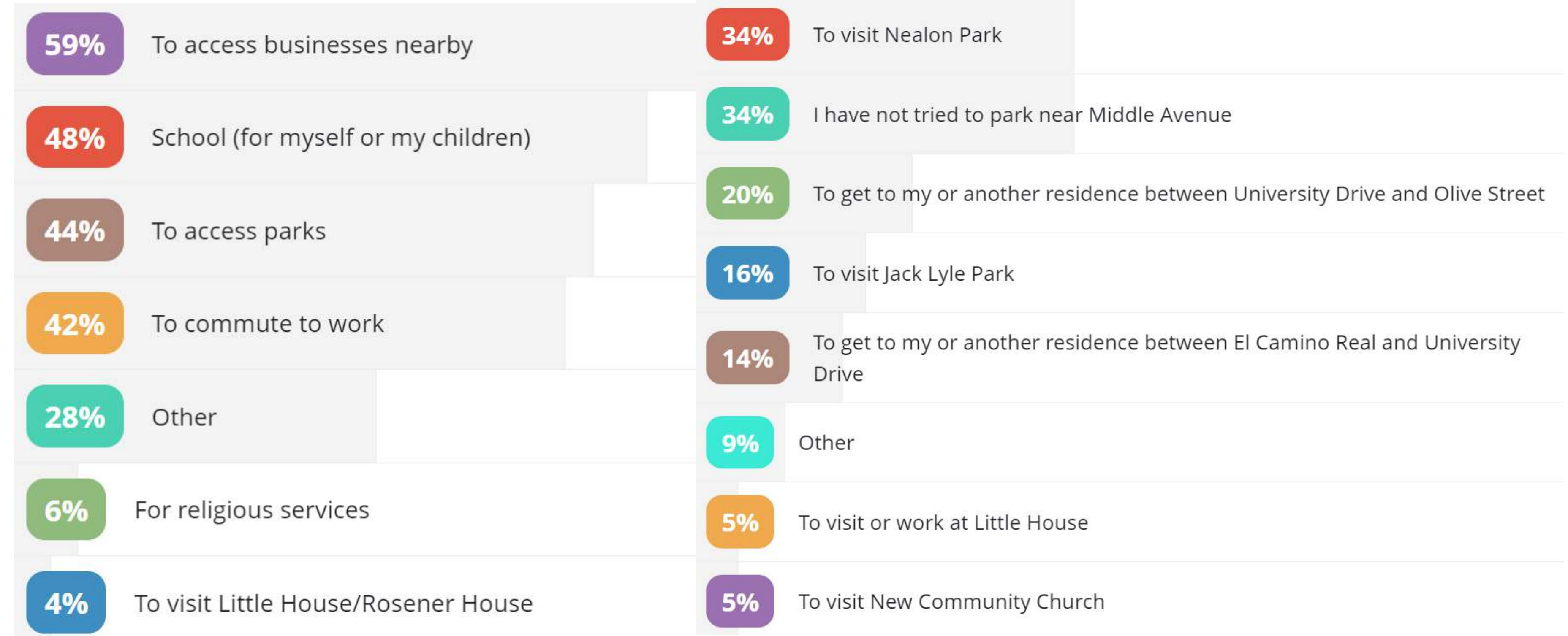
- On street connected to Middle Ave.
- Elsewhere in Menlo Park
- On Middle Ave
- In a neighboring community
- Others

How often do you travel on Middle Ave?



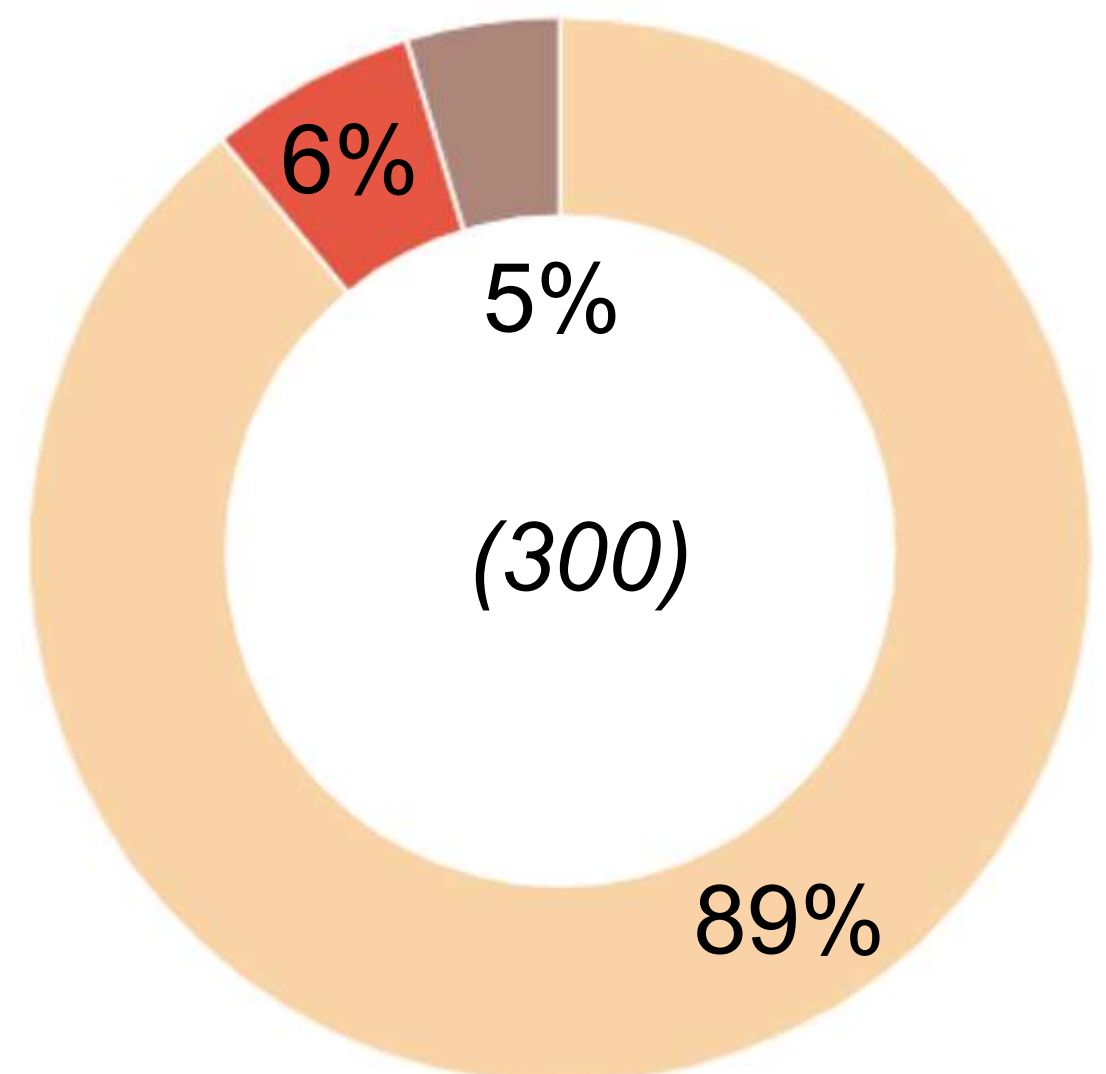
- Daily
- A few times per week
- A few times per month
- Several times per year

Primary purposes for traveling on Middle Ave. (308)



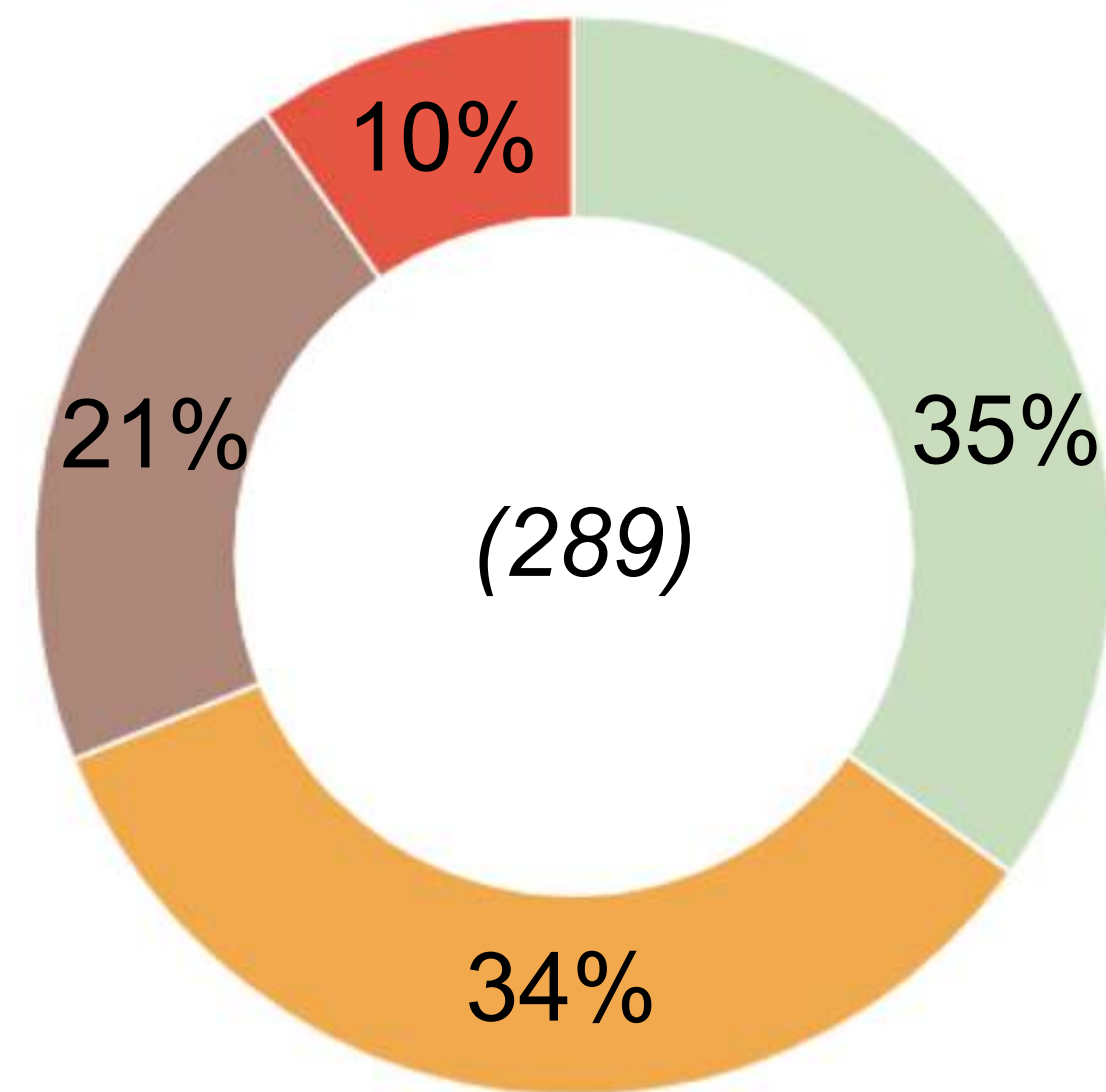
If you have driven, where have you parked? (288)

Have you changed your route?



- No, still drive on Middle Ave.
- Yes, more likely to drive on other street
- Yes, more likely to bike or walk

Parking experience near Middle Ave.



- Have not tried to park
- Had no trouble finding parking
- Had frequent trouble (> half the time)
- Had some trouble (< half the time)

Finding (bicycle):

- Have ridden bike/e-bike/scooter? Yes = 61%, No = 39% (289)
- Bike more? Yes = 38%, No = 62% (291)
- Bicycle experience: safer = 70%, No change = 18%, less safe = 11% (210)
- Key concerns: illegal parked cars, Middle Ave. / Olive St., speeding

Finding (pedestrian):

- Have walked or use other mobility device to cross Middle? Yes = 61%, No = 39% (284)
- Pedestrian experience: safer = 43%, No change = 47%, less safe = 10% (257)
- Key concerns: Crossing ECR, poor yield rates, speeding

Demographics:

- Age: >65 = 19%, 46-65 = 33%, 31-45 = 40%, 18-30 = 6%, Others = 1% (273)
- Gender: male = 51%, female = 41%, Others = 8% (274)