



Sunnyvale

# Sunnyvale Safe Routes to School Improvements on Sunnyvale Avenue

City Council  
September 28, 2021



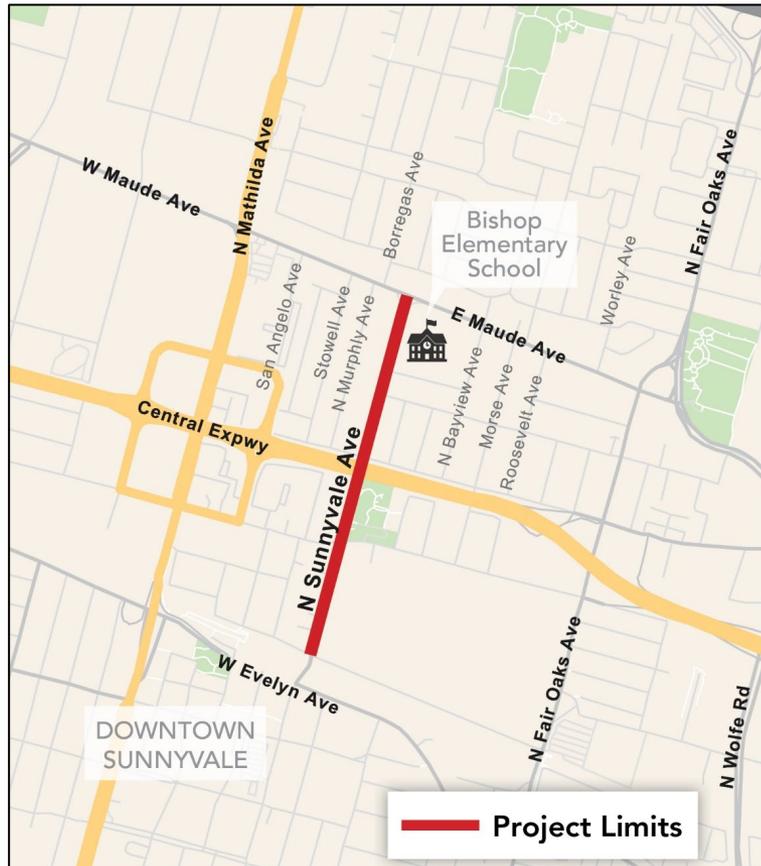


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# Project Overview and Needs

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## Project Limits – Sunnyvale Avenue between Maude and Hendy Avenues



Project Limits



Existing Bicycle Network

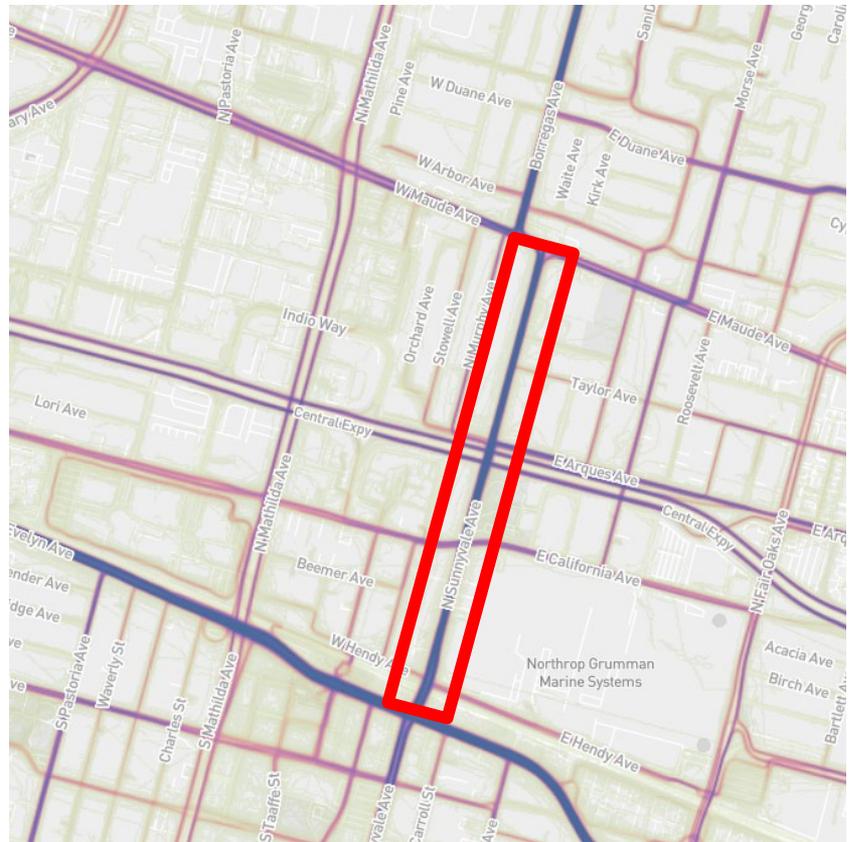
# Project Overview and Needs

## Bicycle Activity on Sunnyvale Avenue

Sunnyvale Ave is already a highly utilized bicycle corridor

Period	NB	SB
<b>Sunnyvale Avenue at Arques Avenue</b>		
AM Peak Hour	74	31
PM Peak Hour	45	52
<b>Sunnyvale Avenue at Hendy Avenue</b>		
AM Peak Hour	64	33
PM Peak Hour	22	64

Note: Bicycle counts from 2019

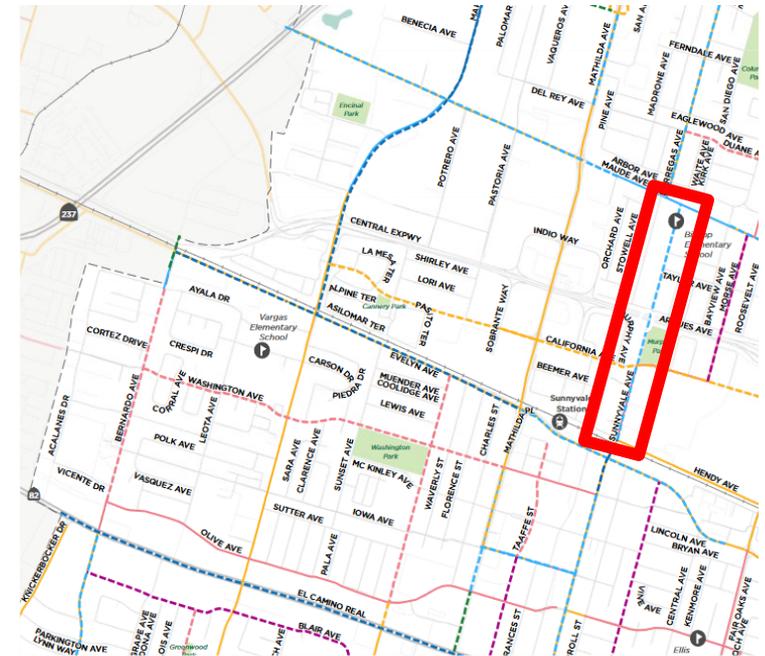


Source: Strava Heat Map, depicting bicycle user route choice  
Darker blue colors indicate routes with higher utilization

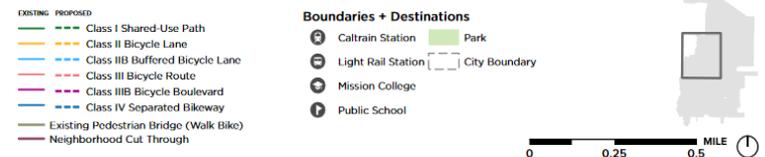
# Project Overview and Needs

## Active Transportation Plan (ATP)

- Proposed Class IIB Buffered Bicycle Lane on Sunnyvale Avenue
- High priority project
  - ◆ Community Identified Need
  - ◆ Access to Key Destinations
    - To the north – Moffett Park Area and Bay Trail
    - To the south – Downtown/El Camino Real employment and retail area
    - Connection to schools



Map 13. Recommended Bikeways - Central/West Sunnyvale

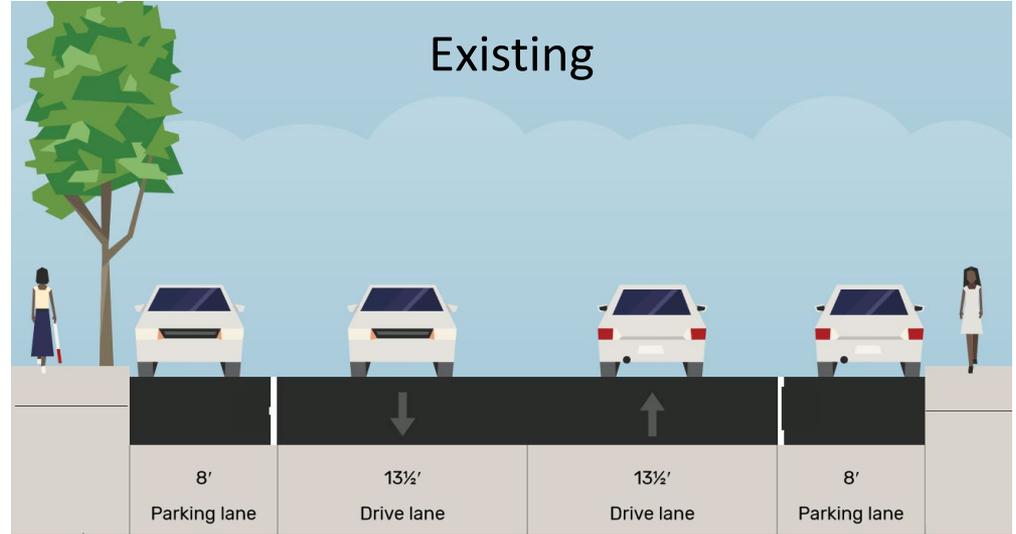




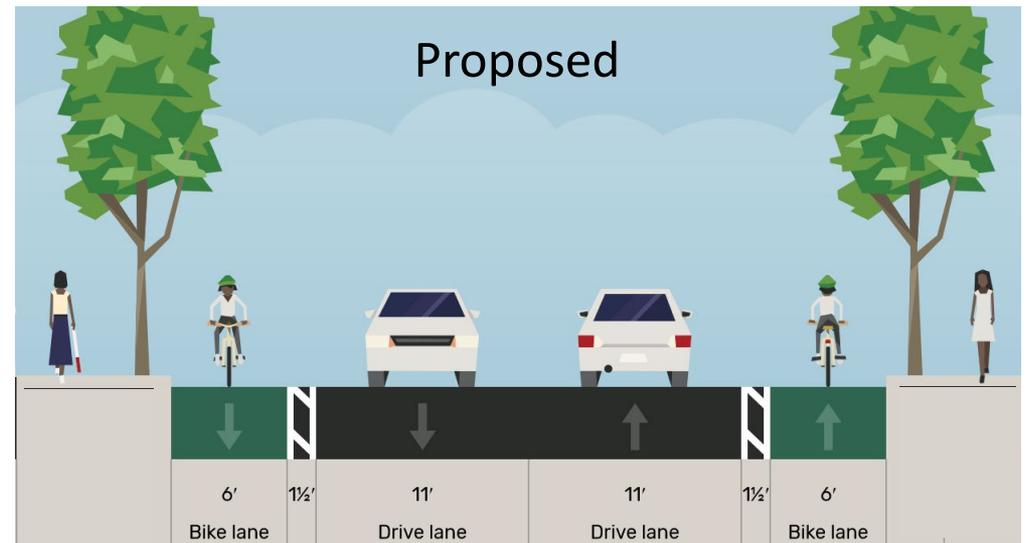
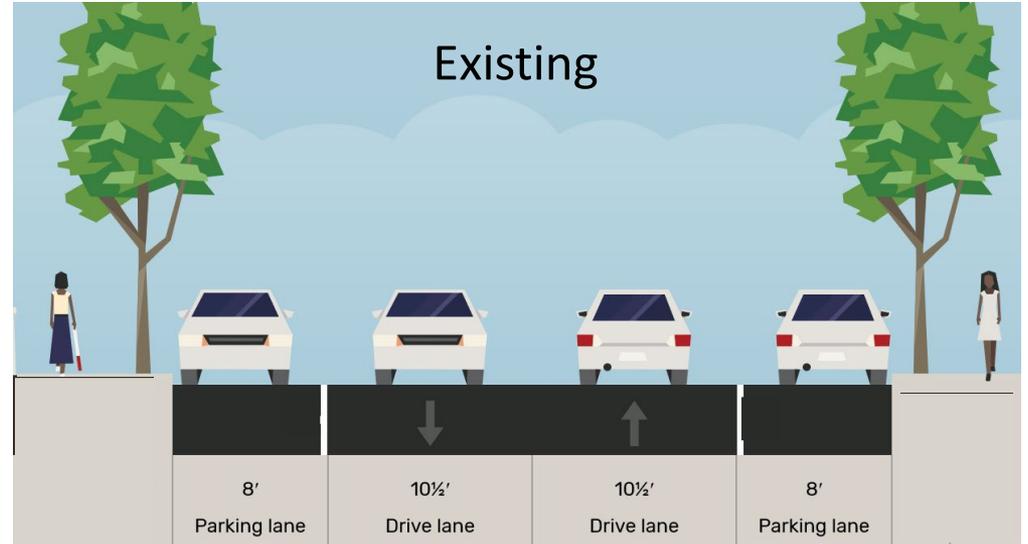
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# Proposed Bicycle Improvements

# Sunnyvale Avenue between Maude Avenue and Arques Avenue



# Sunnyvale Avenue between Arques Avenue to Hendy Avenue





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# Sunnyvale Avenue On-Street Parking Study

# On-Street Parking Study Area



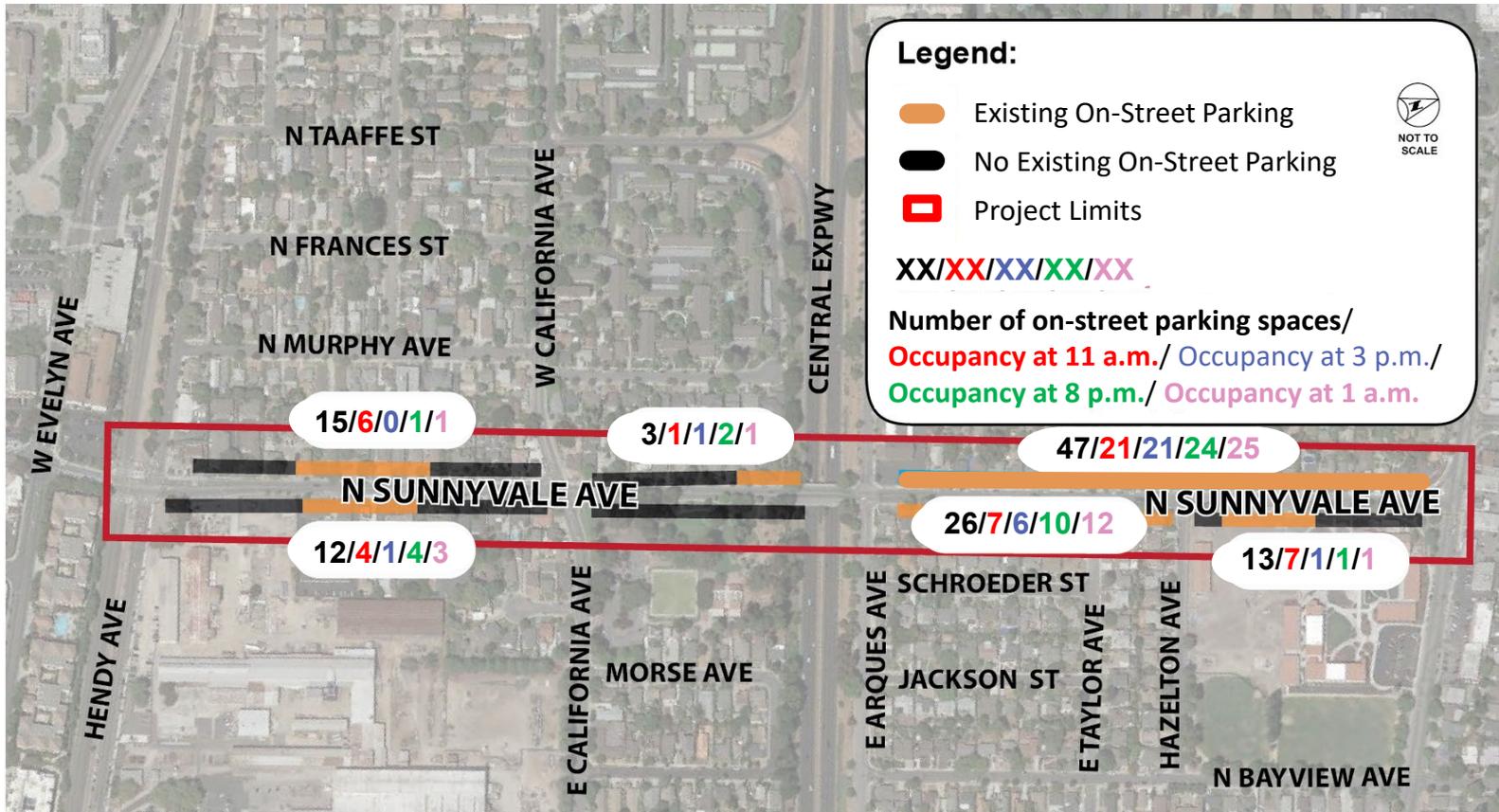
- Collected Data:

- ◆ Tuesday – Thursday, February 4 - 6, 2020

- Throughout the Day:

- ◆ 11 AM, 3 PM, 8 PM, 1 AM

# On-Street Parking Study Summary



- Peak occupancy occurs at 1 AM
  - ◆ Mostly Residential Land Use
  - ◆ When Most Residents are Home
- ◆ Average of 3 days of observation

# On-Street Parking Study Summary – 1 AM

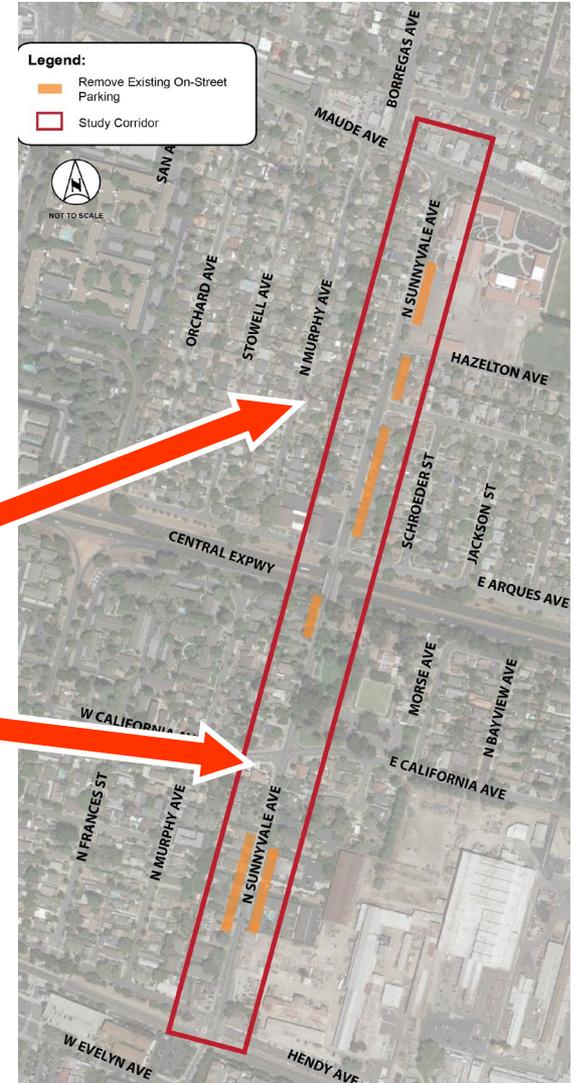


- Nearby side-streets can accommodate parked vehicles displaced from Sunnyvale Avenue
- Parked vehicles could be shifted
  - ◆ To driveway
  - ◆ Across the street
  - ◆ Around the corner to side-streets

# On-Street Parking Study Summary

	# Spaces Proposed to be Removed	# On-Street Parking Observed within Removal Area 1 AM
Between Maude Ave. and Arques Ave.		
East Side	39	13
Between Arques Ave. and Hendy Ave.		
West Side	18	2
East Side	12	3
<b>Total</b>	<b>69</b>	<b>18</b>

**Parked vehicles that would be relocated**

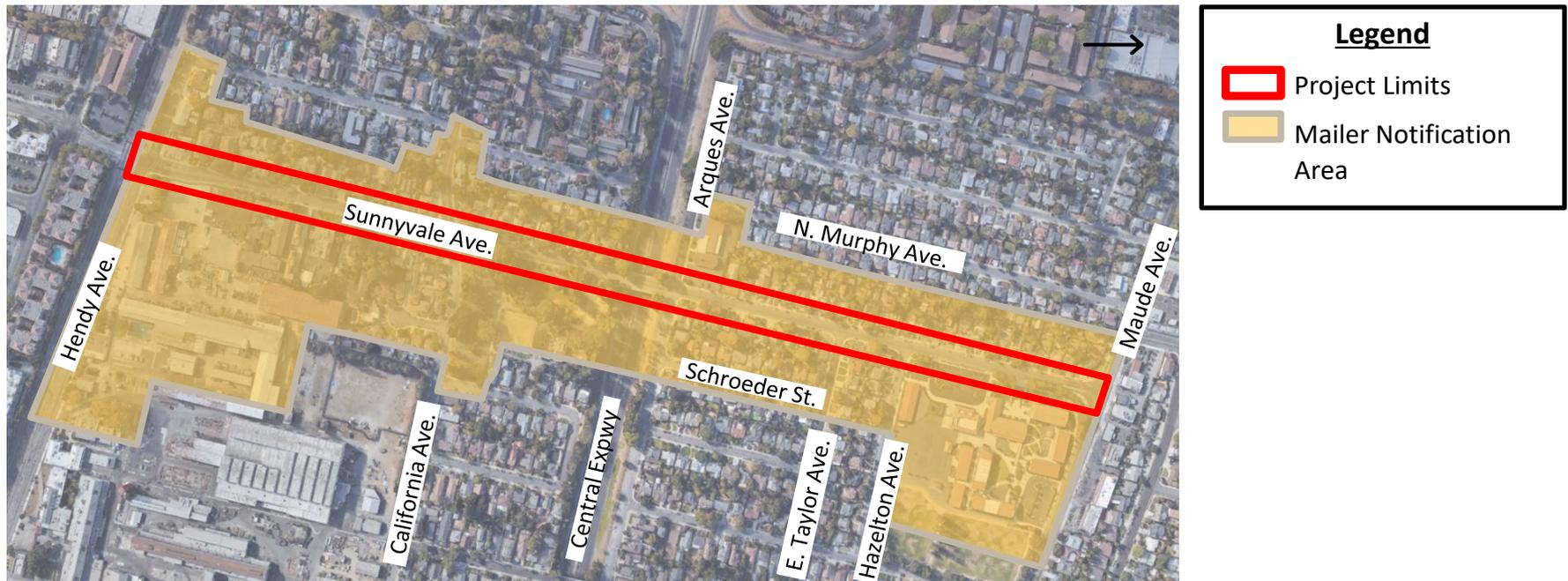




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# Public Outreach

# Public Outreach Meeting Notification Area



- Virtual Public Outreach Meeting
  - ◆ Thursday, July 29, 2021
- Online survey
  - ◆ July 12 - August 2, 2021
- Notified residents, property owners, and business owners via Mailer
  - ◆ 218 mailers

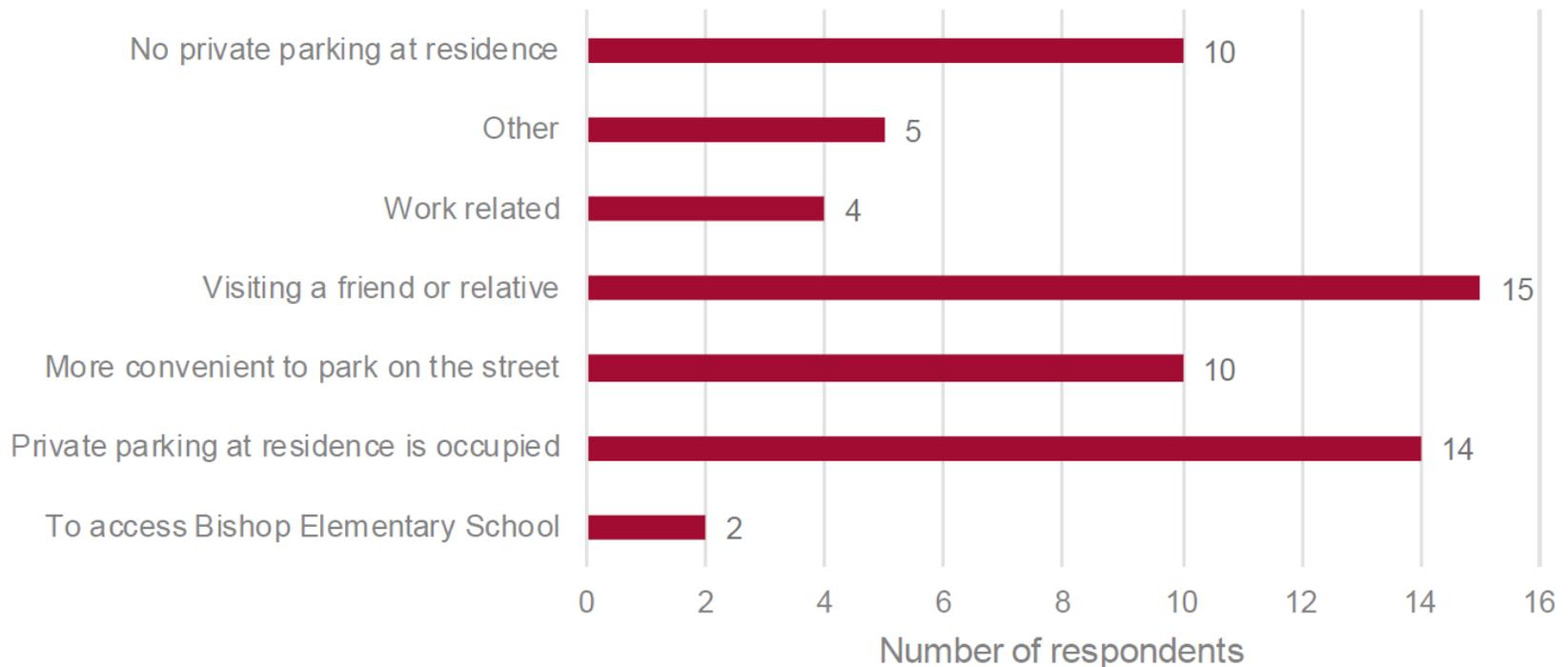
# Virtual Public Outreach Meeting

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- 16 attendees
- Major Comments Heard:
  - ◆ Displeasure with the loss of on-street parking
  - ◆ Concerns related to safety, convenience or other personal factors
  - ◆ Enthusiastic about the project
  - ◆ Focused on benefits that the project would bring
    - Improved Bicycle Connectivity
    - Encourage further bicycle ridership

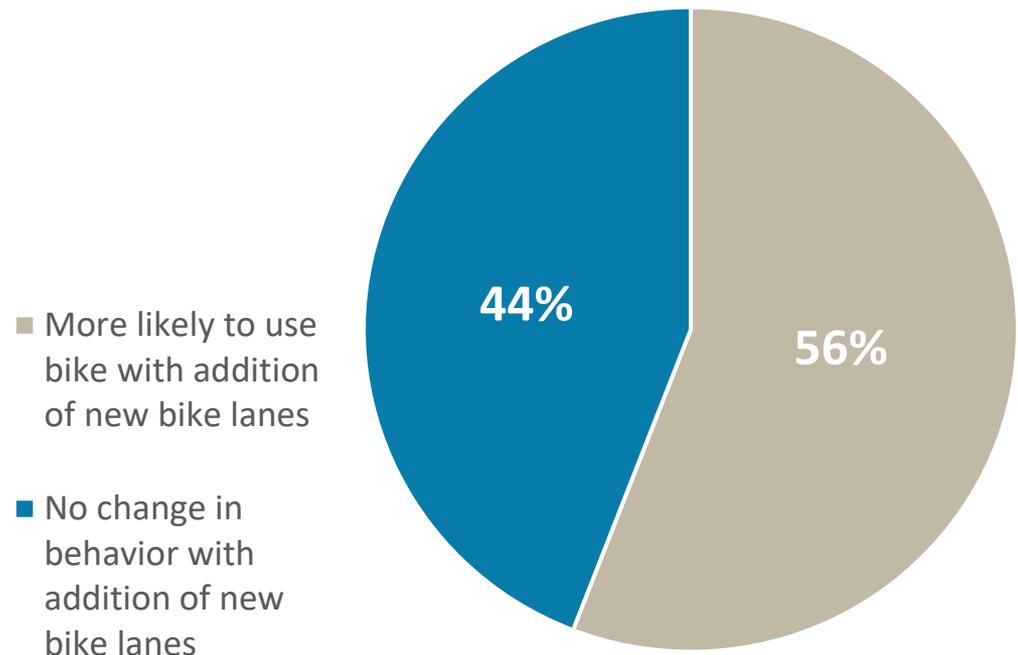
# Online Survey

- 179 Responses
- 36 Park on Sunnyvale Avenue
  - ◆ Why park on Sunnyvale Avenue?



# Online Survey

- With the Buffered Bicycle Lanes
  - ◆ 56% – Will bike with buffered bicycle lanes
  - ◆ 44% - will let their child bike to school
- 42 written comments
  - ◆ 19 - support
  - ◆ 19 - did not support
  - ◆ 4 - not directly related to the proposed project





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# Data Analysis, Outreach and Policy

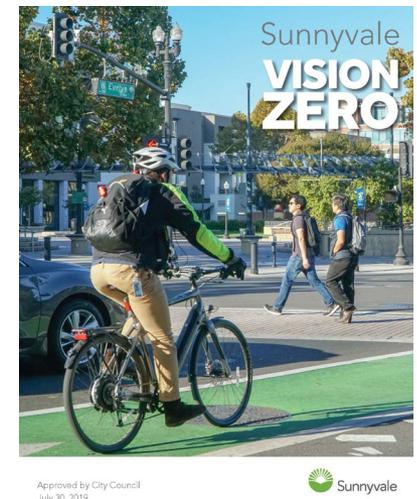
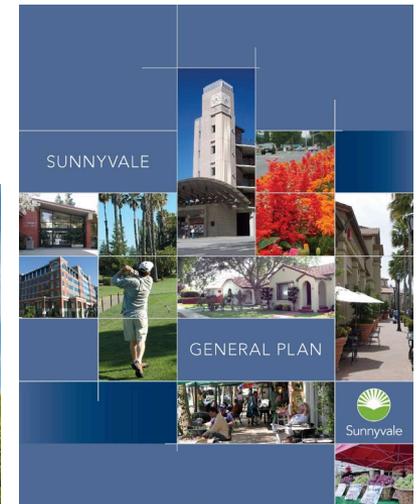
# Data Analysis, Outreach and Policy

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- Based on the On-Street Parking Study
  - ◆ 18 parked vehicles would be relocated at 1 a.m. (peak period)
  - ◆ Across the Street/Side-Streets
    - Can accommodate relocated parking demand within a short walking distance
- Based on Community Feedback
  - ◆ Safety, convenience, and personal concerns
  - ◆ Improve bicycle connectivity and potential increase in bicycle ridership

# Data Analysis, Outreach and Policy

- General Plan Land Use and Transportation Element (LUTE)
- Climate Action Playbook
- Vision Zero Plan
- Sunnyvale Active Transportation Plan



# Data Analysis, Outreach and Policy

## Benefits

- Close a gap in an already well-utilized bicycling corridor
  - ◆ Low-stress bicycle facility
  - ◆ Designed for All Ages and Abilities
- Provide people additional options beyond driving
- Improve bicycling access to Bishop Elementary School, Columbia Middle School and other key destinations

## Concerns

- 19 single family homes will not be able to park in front of their homes
- May need to walk up to 300 ft to park across the street or around the corner
- Perceived safety issues within the neighborhood



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# Recommendation to City Council

# Bicycle and Pedestrian Advisory Commission (BPAC) Recommendation

## BPAC Recommendation: 7-0 Vote

- Alternative 1 with Modification: Recommend to City Council the Removal of On-Street Parking on the East Side of Sunnyvale Avenue Between Maude Avenue and Arques Avenue and Both Sides of Sunnyvale Avenue Between Arques Avenue and Hendy Avenue and Install Buffered Bicycle Lanes on Both Sides of Sunnyvale Avenue Per the Active Transportation Plan, Incorporate Pedestrian Safety Improvements on Sunnyvale Avenue at California Avenue, on the bridge over Central Expressway, and at Hazelton Avenue, and Examine Adding Parking Space Markers on Sunnyvale Avenue and Some Distance along Nearby Side-Streets, if Feasible

# Bicycle and Pedestrian Advisory Commission (BPAC) Recommendation

## Modifications Identified by BPAC

- Not in the Approved Grant Application
- Does Not Have Adequate Funding
  - ◆ Sunnyvale Avenue at California Avenue - Approximately \$700,000
  - ◆ Sunnyvale Avenue over Central Expressway – Unknown – Pending on Structural Analysis
  - ◆ Parking Space Markers – Require additional annual maintenance Cost
- Grant Schedule

# Recommendation to City Council

## Staff Recommendation

- Alternative 1: Recommend to City Council the Removal of On-Street Parking on the East Side of Sunnyvale Avenue Between Maude Avenue and Arques Avenue and on Both Sides of Sunnyvale Avenue Between Arques Avenue and Hendy Avenue, and Install Buffered Bicycle Lanes on Both Sides of Sunnyvale Avenue Per the Active Transportation Plan



Thank you!