



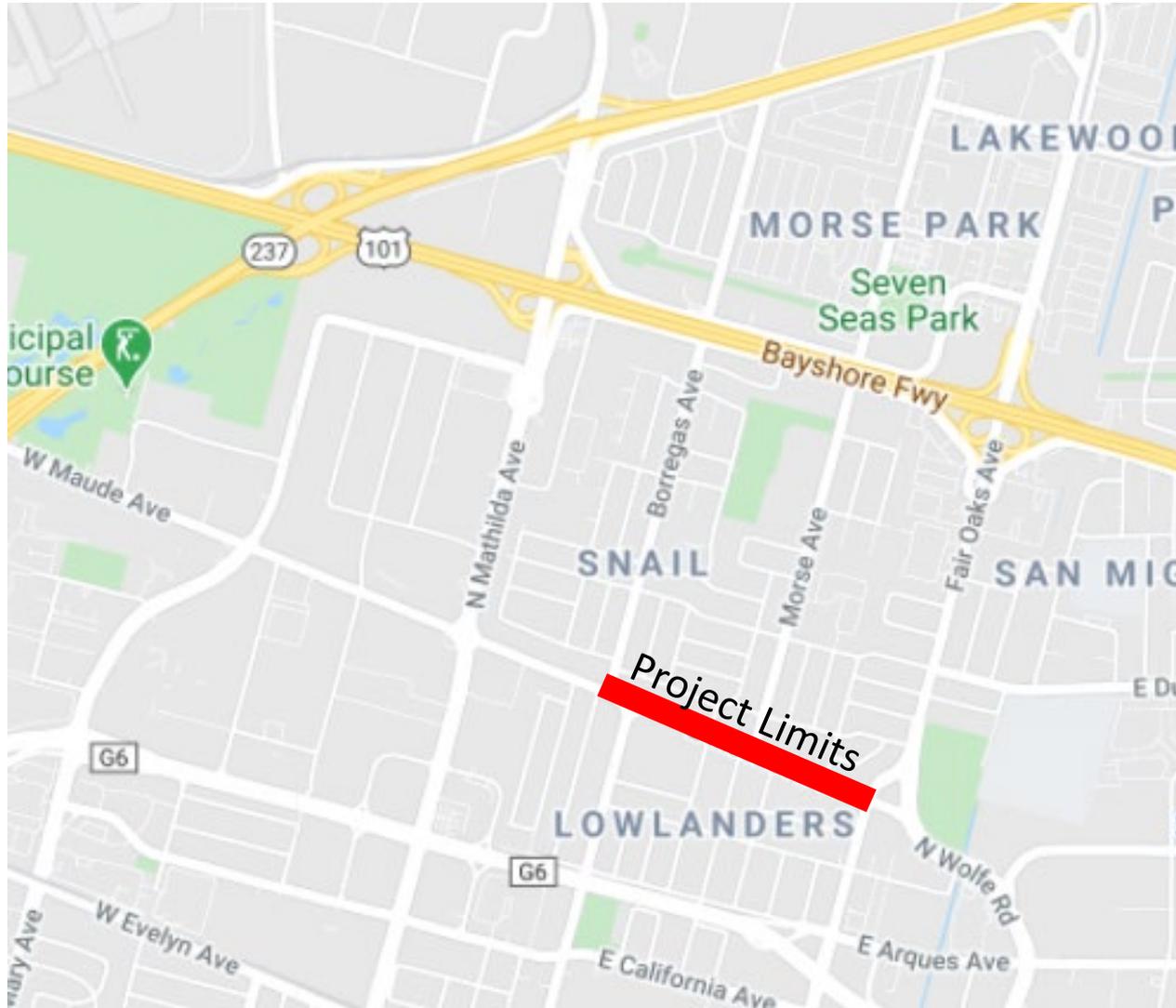
Sunnyvale

Maude Avenue Post- Construction Parking Study

Sunnyvale City Council
June 8, 2021

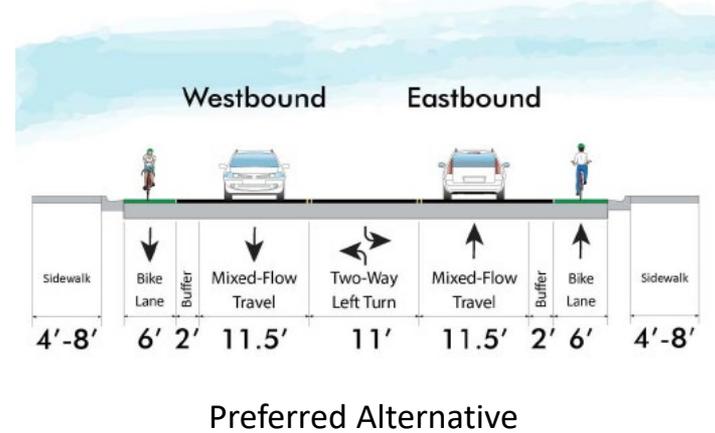
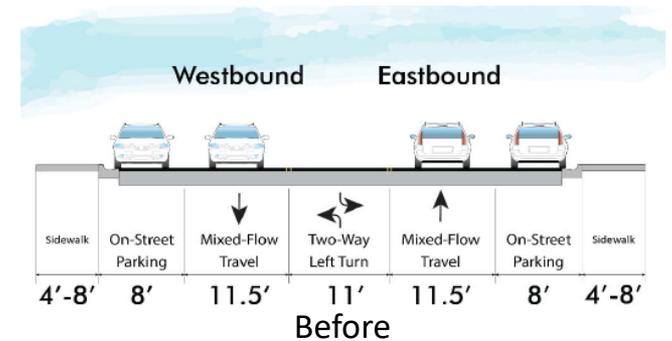


Project Limits - Maude Avenue between Borregas Avenue and Fair Oaks Avenue



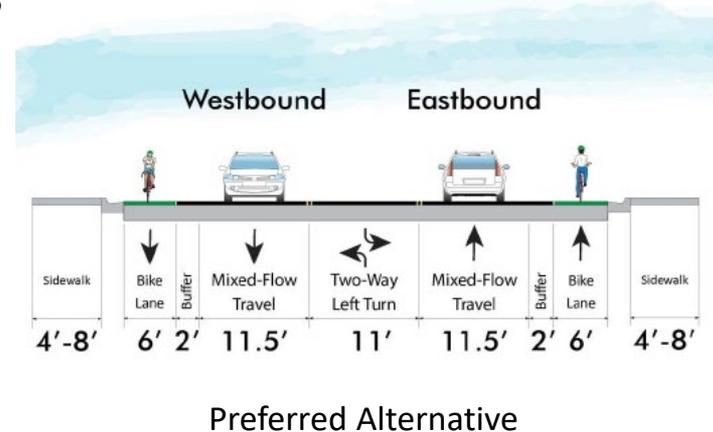
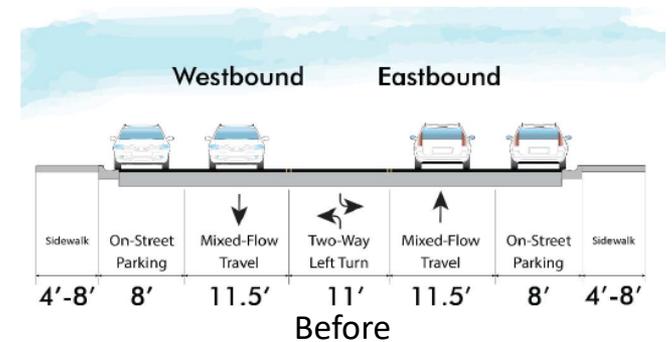
Maude Avenue Bikeways and Streetscapes Project

- March 8, 2016
 - ◆ Community Meeting (>100 attendees)
- April 21, 2016
 - ◆ BPAC approved an action recommending that the City Council select Alternative 1 – Removal of On-Street Parking and to install a 6-foot bicycle lane and a 2-foot buffer



Maude Avenue Bikeways and Streetscapes Project

- May 15, 2016
 - ◆ City Council selected Preferred Alternative
 - Remove on-street parking and install bicycle lanes from Borregas Avenue to Fair Oaks Avenue
 - Test/pilot improvements on westbound Maude Avenue at the Mathilda/Maude Intersection
 - Pedestrian Improvements
 - ◆ Eliminate channelized right-turn movements at Sunnyvale Avenue, Install new crosswalks, etc.



Maude Avenue Bikeways and Streetscapes Project

- Design Phase: Aug. 2016 – Mar. 2018
- Construction Contract Awarded: Mar. 2019
 - ◆ 6-month Monitoring
 - Pre- and Post-Construction Parking Study
 - Install Class II Bicycle Lane using Pavement Paint



Maude Avenue Bikeways and Streetscapes Project

- Pre-Construction Parking Study - Data Collection
 - ◆ Thursday, Jul. 9, 2020
- Project Completion: Aug. 2020
 - ◆ On-street Parking Removed
 - ◆ Bicycle Lane opened to Bicyclists
- Post-Construction Parking Study - Data Collection
 - ◆ Thursday, Jan. 21, 2021
 - ◆ Wednesday, Feb. 10, 2021

On-Street Parking Study Area



Pre- and Post-Construction Parking Study: 11:00 p.m. to 12:30 a.m.



Pre- and Post-Construction Parking Study 11:00 p.m. to 12:30 a.m.

Study Area	Capacity	Number of Parked Vehicles Observed (Demand)		
		Pre-Study 7/9/20	Post-Study 1/21/21	Post-Study 2/10/21
Maude Ave – Borregas Ave. to Fair Oaks Ave.	117	72	0	0
Neighborhoods North and South of Maude Ave.	876	609	623	613
% Occupied		70%	71%	70%
Difference			+14	+4

of On-Street Parking Spaces Removed

Change in on-street parking demand on nearby surrounding streets Post-Construction

Pre- and Post-Construction Parking Study Results

1. Now parking in on-site parking spaces of the property where they reside
2. Some vehicles may have been secondary vehicles and have since been sold
3. Due to COVID-19's impact on the economy and remote work environment, some residents may have elected to relocate from the area

Sunnyvale Neighbors of Arbor Including La Linda (SNAIL) Neighborhood Meeting

- Staff attended SNAIL Neighborhood Meeting on March 4, 2021
- Comments from Residents
 - ◆ Experienced Increased Parking Demands on Arbor & Worley Avenues

Study Area	Capacity	Number of Parked Vehicles Observed (Demand)		
		Pre-Study 7/9/20	Post-Study 1/21/21	Post-Study 2/10/21
Arbor Ave. – Kirk Ave. to Fair Oaks Ave.	137	82	91	93
Worley Ave. – Duane Ave. to Maude Ave.	75	47	52	53

*Data collected between 11:00 p.m. and 12:30 a.m.

Bicycle and Pedestrian Advisory Commission (BPAC) Recommendation

BPAC Recommendation: 7-0 Vote

- Alternative 1: Recommend to City Council to Accept the Findings of a Post-Construction Report and to Retain the Existing Configuration of the Maude Avenue Class II Bike Lanes between Borregas Avenue and Fair Oaks Avenue with the following modifications:
 - ◆ To implement Class IIB Buffered Bike Lanes improvements on Maude Avenue between Borregas Avenue and Fair Oaks Avenue per the proposed improvements in the Active Transportation Plan (ATP) as part of 2022 slurry seal project.
 - ◆ For staff try to obtain vacancy data for the multi-family residential units along Maude Avenue before the City Council take an action on this item.

Recommendation to Council

Staff Recommendation

- Alternative 1: Accept the Findings of a Post-Construction Report, to retain the existing configuration of the Maude Avenue Class II Bike Lanes between Borregas Avenue and Fair Oaks Avenue and to implement Class IIB Buffered Bike Lanes on Maude Avenue between Borregas Avenue and Fair Oaks Avenue per the proposed improvements in the Active Transportation Plan as part of 2022 slurry seal project



Thank you !