



Sunnyvale

Sunnyvale Vision Zero Progress Update

Thinh Le, Transportation Engineer
July 18, 2024



Agenda

- Vision Zero Plan Background
- Collision Trends
- Completed Projects
- In Progress and Future Projects



Approved by City Council
July 30, 2019





Vision Zero Plan Background

Vision Zero Plan Background

What is Vision Zero?

A traffic safety philosophy that rejects traffic crashes as simply “accidents”, and instead sees preventable incidents that can and must be systematically addressed.

1. Vision Zero takes a “**safety first**” approach, prioritizing traffic safety over other transportation considerations.
2. Vision Zero acknowledges that traffic deaths and serious injuries are **preventable**.
3. Vision Zero is a multidisciplinary approach that brings together a diverse set of stakeholders to address the complex problem of traffic safety.

Vision Zero Plan Adoption – July 30, 2019

Vision Zero Goal Statement

- Achieve a **50% reduction** in fatalities and serious injuries by 2029
- Continue progress towards **zero** in the ten years that follow



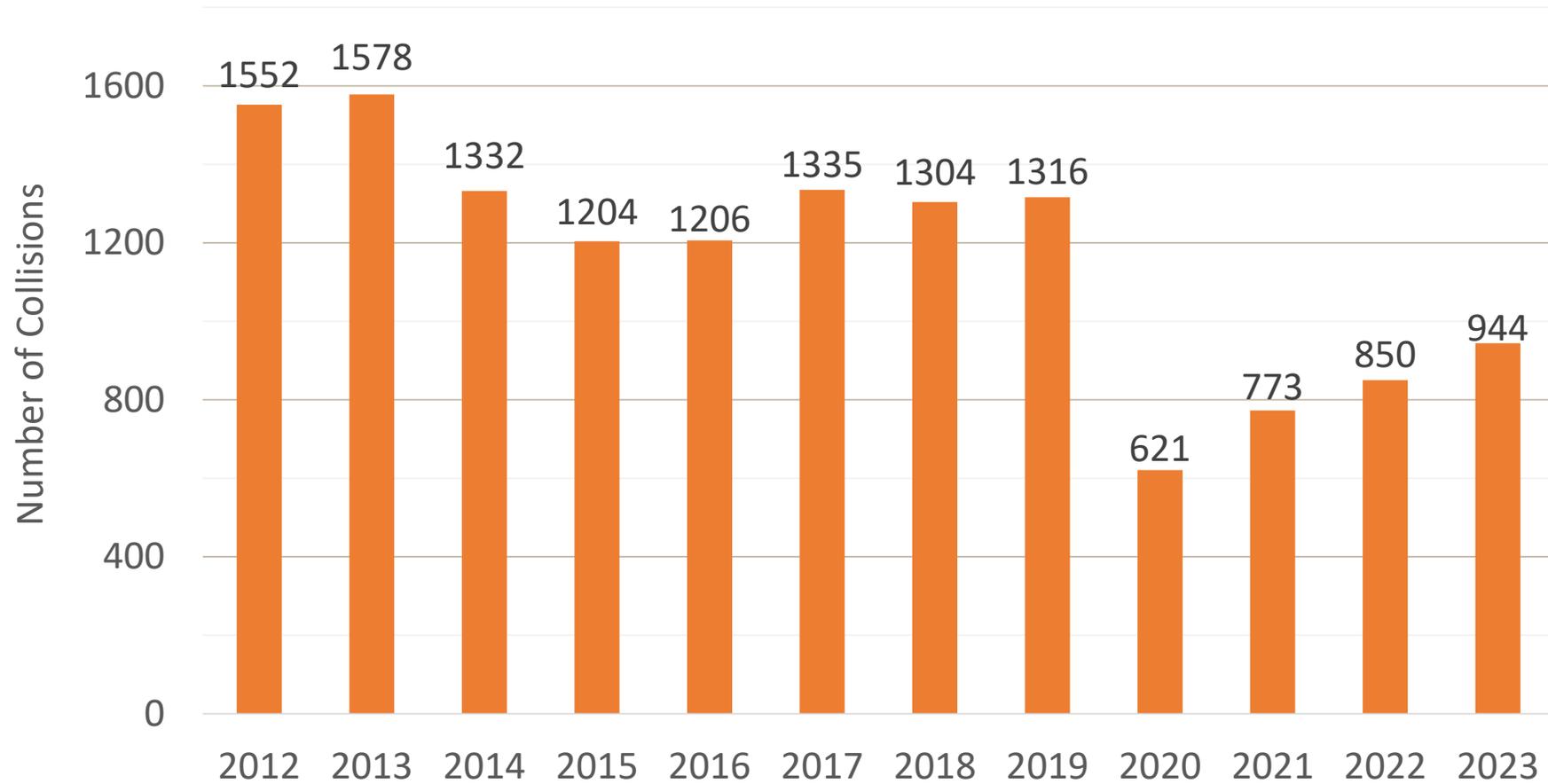


Sunnyvale

Collision Trends

Updated for 2023

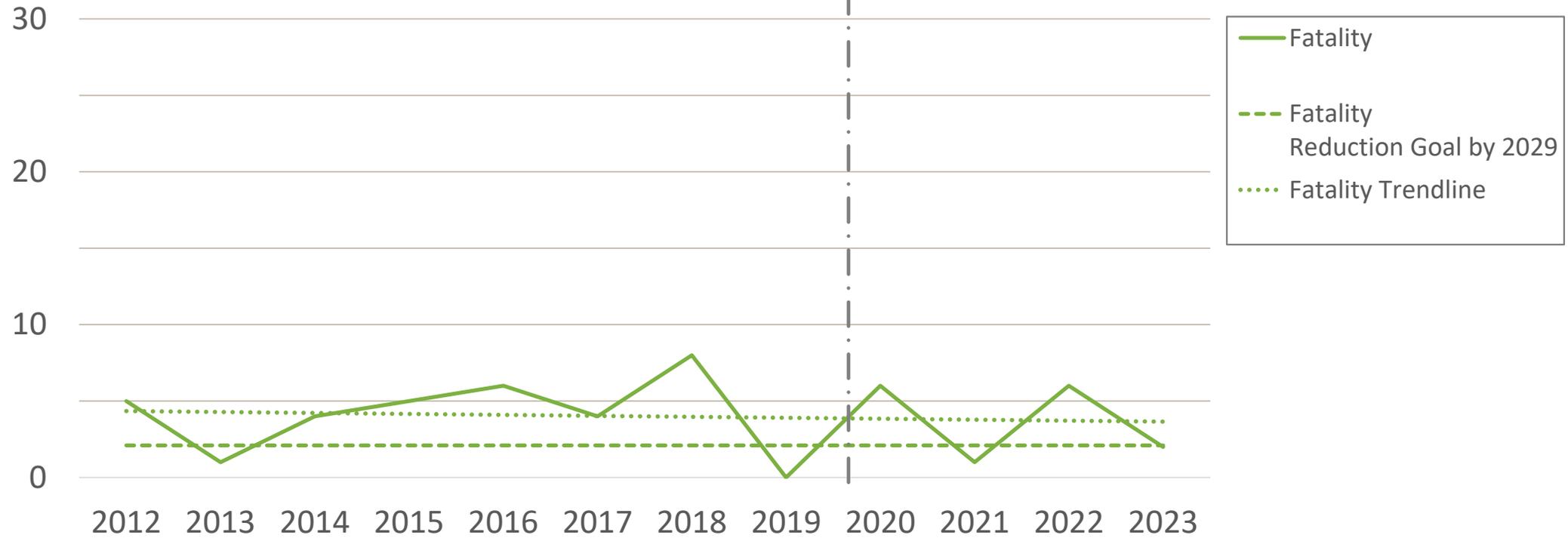
Collision Trends – Total Collisions



Collision Trends – Fatality

Between 2012-2023:
48 Collisions with a Fatality, Avg = 4/year

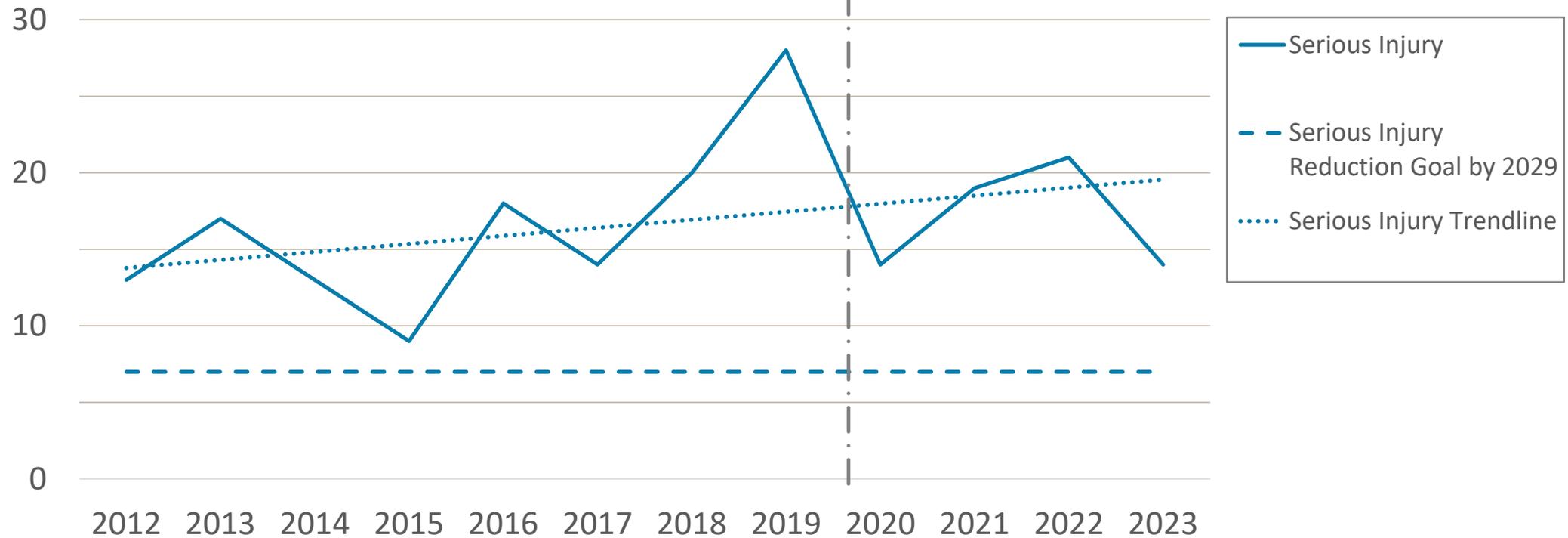
Adopted Vision Zero Plan
July 2019



Collision Trends – Serious Injury

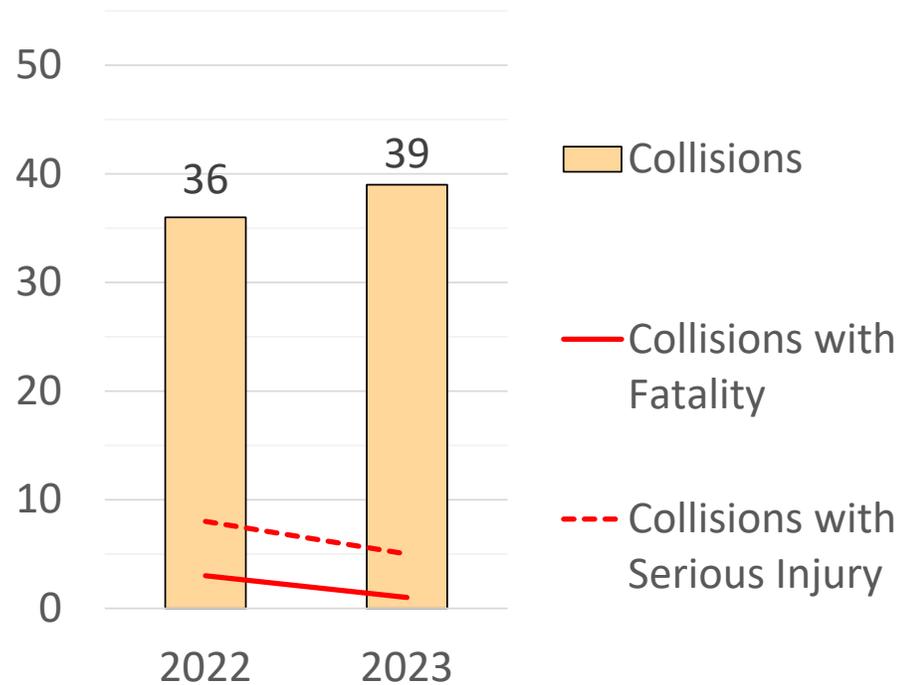
Between 2012-2023:
200 Collisions with Serious Injury, Avg = 16.7/year

Adopted Vision Zero Plan
July 2019

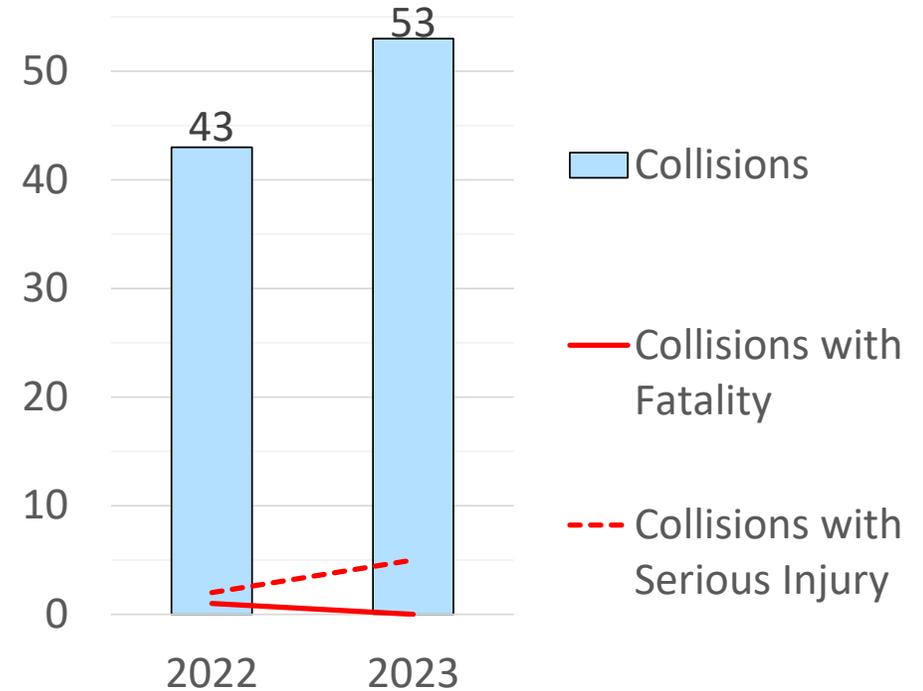


Collision Trends – Pedestrian & Bicyclist Fatal and Serious Injury

Pedestrian-Related Collisions



Bicyclist-Related Collisions

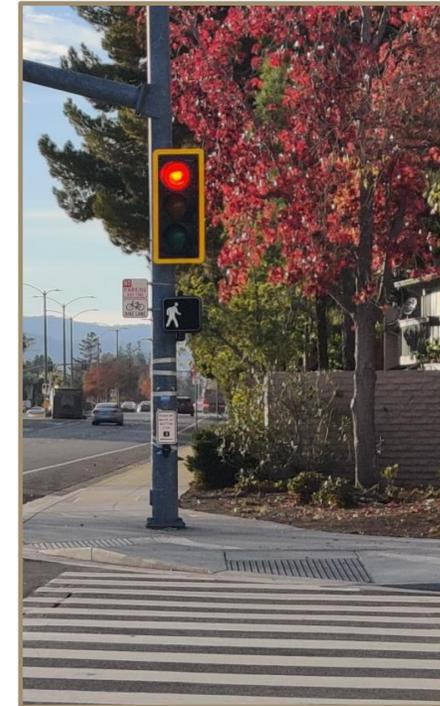


Completed Projects

Completed Projects

Pedestrian & Bicycle Safety Improvements at Fremont Ave/Manet Dr/Bobwhite Ave

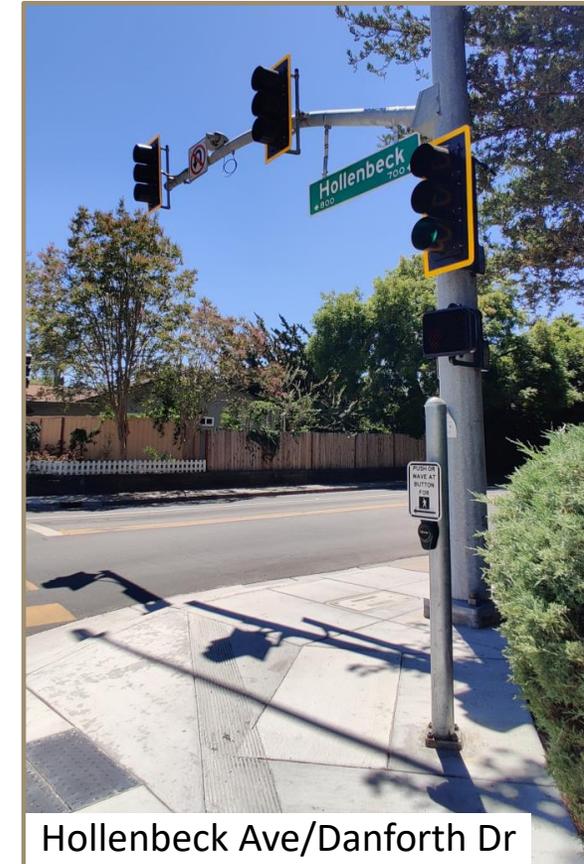
- Leading Pedestrian Interval
- Curb Extensions
- ADA Improvements
- High Visibility Crosswalks



Completed Projects

Signal/Crossing Improvements

- Advanced Dilemma Zone Phase II
- Traffic Signal Upgrades
 - ◆ Sunnyvale-Saratoga Rd & Alberta Ave/Harwick Wy
 - ◆ Hollenbeck Ave/Danforth Dr
 - ◆ Mary Ave/The Dalles Ave
 - ◆ Wolfe Rd/Dartshire Wy

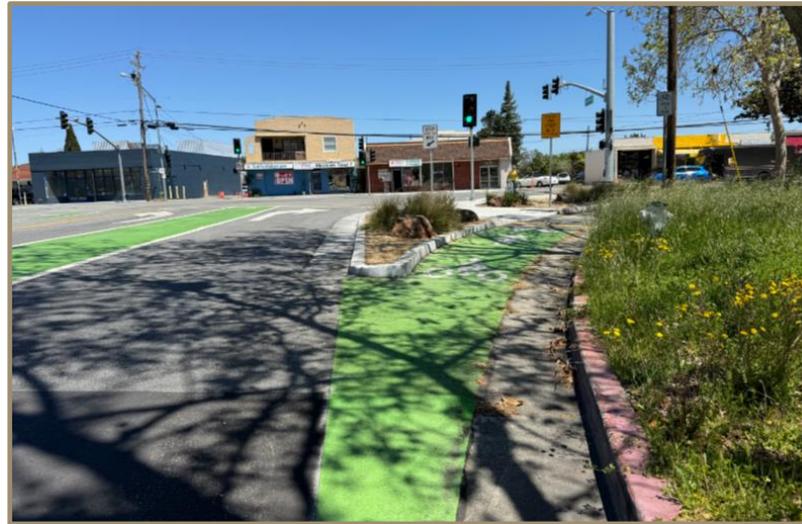


In-Progress and Future Projects

In Progress Projects

Sunnyvale Safe Routes to School Improvements at Bishop Elementary School

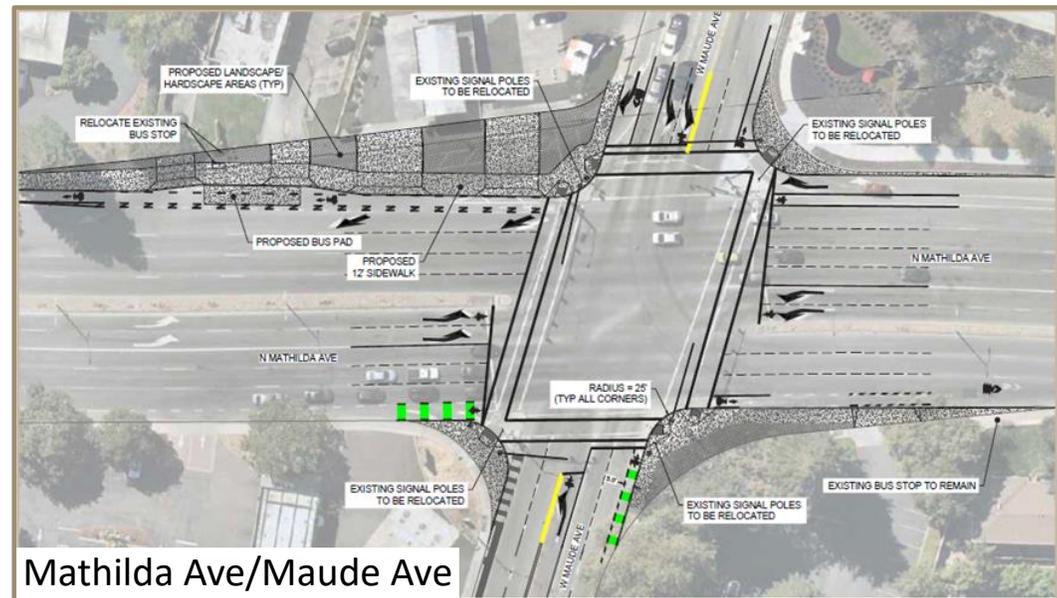
- ◆ Class IIB Buffered Bicycle Lane on Sunnyvale Avenue



In Progress Projects

Sunnyvale Safe Routes to School Improvements at Bishop Elementary School Continued ...

- ◆ Removal of Slip Lanes at Maude Avenue/Borregas Avenue and Maude Avenue/Mathilda Avenue



Mathilda Ave/Maude Ave

In Progress Projects

Sunnyvale Quick Build Pedestrian Bicycle Safety Improvements

- Active Transportation Plan:
Safe Routes to School Chapter
- Vision Zero Plan
- Roadway Safety Plan
- Traffic Calming



In Progress Projects

Safe Routes to Schools

- Pedestrian and Safe Routes to School Improvements in SNAIL and Braly Corners Neighborhoods
 - ◆ Borregas Ave/Hemlock Ave
 - ◆ Borregas Ave/Duane Ave
 - ◆ Gail Ave/Gladiola Ave



**Pedestrian-Activated
Crosswalk Warning Beacon**



Bulb Outs and Curb Extensions

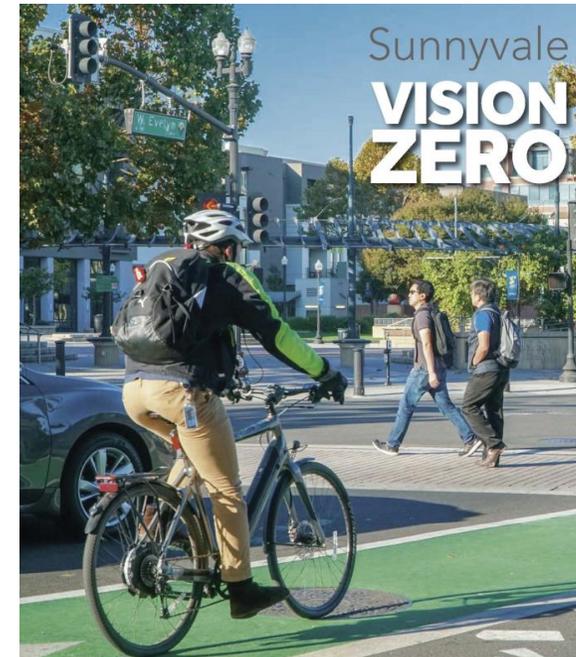


**High Visibility Crosswalk with
Advance Stop and Yield Sign**

In Progress Projects

Outreach Plan for Vision Zero Campaign

- Implement a comprehensive, strategic Vision Zero Outreach Plan
 - ◆ Education Campaign
 - ◆ Targeted Outreach
 - ◆ Print and Digital Tactics
- Focus on safety for bicyclists and pedestrians for all ages and abilities



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July 30, 2019



On-going Projects

Department of Public Safety

- DUI Saturation Patrols
- Pedestrian and Bicycle Enforcement Operations
- Traffic Safety Education on Social Media
 - ◆ Nextdoor, Facebook, Twitter



Education



Enforcement

On-going Projects

SRTS Education Program

- Bicycle and Pedestrian Rodeos
- Bicycle Workshops for Middle School Students
- Bike Safety Presentation for K-5th graders
- Educational Traffic Safety Videos



Future Projects

Engineering Improvements



Installation of Bulb-outs and Reduced Corner Radius



Prohibit Parking near Crosswalks



Installation of Bicycle and Pedestrian Facilities

Land Development



Roadway Lighting



Sidewalk to Close Gaps



Consolidated Driveways

Future Projects

Signal Improvements



Adaptive Pedestrian Signal System



Pedestrian Countdown Signal Head



Leading Pedestrian Intervals



Advanced Dilemma-Zone Detection



Signal Timing and Phasing Improvements



Accessible Pedestrian Signal System with Touchless Push Button

Sunnyvale Vision Zero Progress Update

Thank you!

For a copy of the **Vision Zero Plan**, go to **sunnyvale.ca.gov** and search **Transportation and Traffic Safety**

The screenshot shows the Sunnyvale website interface. At the top, there is a navigation bar with links for 'Translate', 'Pay & Apply', 'Documents Portal', and 'Access Sunnyvale'. Below this is the Sunnyvale logo and a search bar. A horizontal menu contains categories like 'Your Government', 'Recreation and Community', 'Homes, Streets and Property', 'News Center and Events Calendar', 'Business and Development', and 'City Services'. The 'Homes, Streets and Property' category is selected, leading to a sub-menu with options such as 'RECYCLING AND GARBAGE', 'HOUSING', 'UTILITY BILLING', 'WATER AND SEWER', 'FLOOD PROTECTION', 'STREETS AND TREES', 'TRANSPORTATION AND TRAFFIC SAFETY', and 'NEIGHBORHOOD RESOURCES'. The 'TRANSPORTATION AND TRAFFIC SAFETY' option is highlighted in green. On the right side, the 'Transportation and Traffic Safety' page is displayed, featuring a 'SERVICES' section with 'WALK AND BIKE' expanded. Underneath, there is a section for 'TRANSPORTATION PLANS, POLICIES AND SOLUTIONS' with a sub-section for 'Plans'. The 'Active Transportation Plan 2020' is listed, followed by the 'Vision Zero Plan' which is highlighted with an orange border. An orange arrow points from the 'TRANSPORTATION AND TRAFFIC SAFETY' menu item to the 'Vision Zero Plan' section.