

## **Safe Routes to School**

### Vision Zero Plan

The goal for the development of a Vision Zero Plan is to eliminate traffic injuries and fatalities. The Vision Zero Plan will summarize the City's current traffic safety data, and identify causes and possible mitigation measures for pedestrian, bike, and vehicular crashes. Vision Zero Plan was awarded in May 2017. Since then, the consultant has finished the existing conditions assessment summarizing the current safety conditions citywide. The City shared findings from the existing conditions assessment and sought feedback from the community and representatives from local schools on the preferred direction for the Plan at the first public workshop, a stakeholder focus group workshop, and a Bicycle and Pedestrian Advisory Commission (BPAC) meeting in Fall 2017. Public input was also provided in Fall 2017 via an online survey for the Vision Zero Plan. Based on the public input and the data obtained, the consultant has developed the collision profiles identifying Sunnyvale's key collision types, locations where key collision types occur, and the modes of travel involving in the collisions. The consultant has also identified a list of priority project locations based on the data.

In the upcoming months, the consultant will identify the implementation strategy by reviewing and selecting safety countermeasures to mitigate the various types key collision profiles. The consultant will also create a collision profile cut sheet and a tool box for each collision profile, where it would serve as a template to identify improvements for similar facilities based on roadway characteristics and collision profile types. In February 2018, the consultant will present the collision profiles and priority project locations to the BPAC. Subsequently, a second public workshop will be held in March 2018 to present the data and solicit input from the community. By May 2018, the consultant will document all the findings and recommendations in the Vision Zero Plan. It is anticipated the City Council will consider this item in the Summer of 2018.

### Bicycle Master Plan Update, Safe Routes to School Plan, and Pedestrian Safety and Circulation Plan

The City is currently preparing a Request for Proposal (RFP) to solicit proposals from qualified consultant teams to prepare a single master plan which combines the following three plans: The Bicycle Master Plan, Safe Routes to School (SRTS) Plan, and Pedestrian Safety and Circulation Plan. These three plans would be studied as one plan, and each plan would be shown in a separate subsection of the report. The three plans would complement each other avoiding duplication of projects. New projects identified through this master plan would improve connectivity to the existing bicycle, pedestrian, and Safe Routes to School networks. The City expects to select a consultant team to prepare the master plan in Spring 2018, and the master plan would be completed in 2019.

The City has a SRTS Collaborative, which consists of representatives from local schools, parent groups, and SRTS coordinators from City of Sunnyvale as well as the neighboring cities. The SRTS Collaborative has collected data from parents and students from various public schools within the City. The data includes information such as the routes students

take to go to and from school, both by walking and by biking. The data will be compiled and given to the consultant for further analysis, prepare SRTS maps and identify safety and mobility improvements to and from each school. Identification of potential countermeasures to enhance pedestrian and bicycle safety around the school zones will also be considered.

Vehicle Emission Reductions Based at Schools (VERBS) Grant Funds

The City has recently secured grant funds from One Bay Area Grant Cycle 2 (OBAG 2) for Vehicle Emission Reductions Based at Schools (VERBS) through a competitive selection process. VERBS is focused on reducing greenhouse gases by promoting walking, biking, transit, and carpooling to school. The City submitted two projects requesting \$1,919,000 in VERBS grant funds with a local matching totaling \$509,000. The two projects selected for award are as follows:

1. *Homestead Road at Homestead High School – Pedestrian & Bicycle Improvements* - \$1,265,000 (\$1,000,000 grant/\$265,000 local match). The City of Cupertino has committed to contribute up to 10% of the total project cost (or \$126,500) towards the local match required, which will be reimbursed to the City pending the City of Cupertino Council action anticipated in April 2018. The proposed improvements include:
  - Traffic signal modification at the Homestead Road/Mary Avenue, and Homestead Road/Kennewick Drive intersections
  - Pedestrian access enhancements such as:
    - Installation of high visibility crosswalks
    - Installation of accessible pedestrian signals
    - Shortening crossing for pedestrians
    - Installation of green buffered bike lanes along Homestead Road between MacKenzie Drive and Mary Avenue
  - Improvements of the existing path for bicycles to the high school from eastbound Homestead Road to the Mary Avenue Bridge Trail
2. *Pedestrian and Bicyclist Infrastructure Improvements* – \$1,163,000 (\$919,000 grant/\$244,000 local match). This project will improve safety for students walking and biking to school in Sunnyvale by enhancing and/or modifying signing and striping and installing ADA compliant curb ramps at thirty-four (34) locations, and installing flashing beacon systems at five (5) locations.

The locations where pedestrian and bicyclist infrastructure improvements would be implemented are presented in Table 1 and are shown graphically in Figure 1.

Both projects were presented to the City Council via Report to Council (RTC) 17-1164 on January 23, 2018.

**Table 1: Pedestrian and Bicyclist Infrastructure Improvement Locations for the VERBS Grant**

Location Number	Intersection	School	# of Curb Ramps	Flashing Beacon
1	Roosevelt Avenue / E Taylor Avenue	Bishop Elementary School	4	
2	Cascade Drive / Selo Drive	Nimitz Elementary School		1
3	Jackson Street / E Arques Avenue	Bishop Elementary School	4	
4	N Bayview Avenue / E Arques Avenue	Bishop Elementary School	1	
5	E McKinley Avenue / Kenmore Avenue	Ellis Elementary School	8	
6	Borregas Avenue / W Ferndale Avenue	Columbia Middle School	4	
7	N Bayview Avenue / E Taylor Avenue	Bishop Elementary School	2	
8	Firloch Avenue / E Olive Avenue	Ellis Elementary School		
9	Old San Francisco Road / Grand Fir Avenue	Ellis Elementary School	4	
10	E Ahwanee Avenue / Alturas Avenue	Columbia Middle School	2	
11	Morse Avenue / Waddington Avenue	Columbia Middle School	3	
12	Morse Avenue / S Fernwood Circle	Columbia Middle School	2	
13	Iris Avenue / Lusterleaf Drive	Brady Elementary School	4	
14	Bryant Way / Poplar Avenue	Peterson Middle School		
15	Bryant Way / Norman Avenue	Peterson Middle School		
16	Amador Avenue / San Pablo Avenue	San Miguel Elementary School	4	
17	E Ahwanee Avenue / San Pablo Avenue	San Miguel Elementary School	1	
18	E Ahwanee Avenue / San Ramon Avenue	San Miguel Elementary School		
19	Palamos Avenue / Fairwood Avenue	Fairwood Elementary School	3	
20	Cumberland Drive / Piper Avenue	Cumberland Elementary School	4	1
21	Owen Sound Drive / Cheyenne Drive	Nimitz Elementary School	2	
22	Cheyenne Drive / Saskatchewan Drive	Nimitz Elementary School	3	
23	Dublin Way / Floyd Avenue	Louis E. Stockmeir Elementary School	2	
24	N Bayview Avenue / Hazelton Avenue	Bishop Elementary School		
25	San Junipero Drive / Alvarado Avenue	San Miguel Elementary School	2	1
26	Gail Avenue / Gladiola Drive	Brady Elementary School	3	1
27	Grape Avenue / Andover Drive	Cherry Chase Elementary School		
28	Bittern Drive / Connemara Way	Louis E. Stockmeir Elementary School	4	1
29	Morse Avenue / E Weddell Drive	Summit Public School	1	
30	Elizabeth Way / Ramon Drive	Peterson Middle School		
31	E Ahwanee Avenue / Santa Paula Avenue	San Miguel Elementary School		
32	Pepper Avenue / W Knickerbocker Drive	Sunnyvale Middle School	2	
33	Peach Avenue / Hanover Avenue / Heatherstone Avenue	Cumberland Elementary School	3	
34	Hanover Avenue / Pippin Avenue	Cumberland Elementary School	2	

**Figure 1: Pedestrian and Bicyclist Infrastructure Improvement Locations for the VERBS Grant**

