

Bicycle Pedestrian Commission
Agenda Item #4
September 21, 2022

Bicycle Pedestrian Commission

Cupertino's Class IV Separated Bike Lane Experience



CUPERTINO

September 21, 2022

Design Features

- Bike Lane Width
 - Varies, 5' to 7'
- Buffer Type
 - Precast concrete
 - cast-in-place concrete
 - flexible posts
 - Parked cars
- Buffer Width
 - Varies, 1.5' to 2' for concrete and flexible posts
 - 8.5' for parking lane buffer

Design Features

- Treatment at driveways and unsignalized intersections
 - Driveway ingress/egress maneuverability
 - Termination of buffer for weaving zone
- Treatment at signalized intersections
 - Control of right-turning vehicles
 - Positive control vs. yield control
 - Termination of buffer for weaving zone
- Vehicle lane width
 - Minimum 10'
 - Generally adjacent to or within 6" of buffer

Design Features

- Left-turn two-stage bike boxes at signalized intersections
- Trash pickup accommodation in residential areas

Bubb Road

- Precast concrete buffer, 1.5' wide
- 7' bike lane
- 4' shy distance



Mary Ave



West side:

- 8' bike lane
- 3' buffer
- 16' parking

East side:

- 6' bike lane
- 3' buffer w/posts
- 8.5' parking



Stevens Creek Blvd

- Precast concrete buffer 1.5' wide
- 0.5' shy distance
- 7' bike lane



Stevens Creek Blvd



- Positive control of right turns at major intersections

McClellan Road Ph 1



- Cast-in-place concrete buffer 1.5' wide
- Flexible posts on overcrossing
- 5'-7' bike lane
- Right turn yield at major intersections



McClellan Road Ph 1 - Residential



- Cast-in-place concrete buffer 1' wide on 4' wide valley gutter
- 6' bike lane
- Trash bins placed in bike lane, bikes detour to adjacent sidewalk

McClellan Road Ph 2

- Cast-in-place concrete buffer 1.5' wide
- 6.5' bike lane
- Buffer at grade for trash bins



Pacifica Dr



- Cast-in-place concrete buffer 1.5' wide
- 7' bike lane
- Buffer at grade for trash bins

Experience

- Precast installation quicker and easier than cast-in-place. No significant cost difference
- Sweeping labor-intensive. Narrow sweepers unavailable or ineffective
- Driver perception of narrower travel lanes
- Frequent replacement of leading reflective posts
- Narrower bike lanes difficult for bicycle passing
- Trash pickup challenges in residential areas

Bicycle Pedestrian Commission



CUPERTINO

September 21, 2022

Bicycle Pedestrian Commission

Bicycle Pedestrian Commission Website




CUPERTINO

September 21, 2022

BPC Webpage (1 of 2)

[Our City](#) » [Commissions](#) »

BICYCLE PEDESTRIAN COMMISSION

Font Size:    [Share & Bookmark](#)  [Feedback](#)  [Print](#)

The function of the Bicycle Pedestrian Commission is to review, monitor and make recommendations regarding City transportation matters including but not limited to bicycle and pedestrian traffic, parking, education and recreation within Cupertino (also see Municipal Code [2.92.080](#) Powers and Functions). In July 2015 the Commission voted unanimously to establish a mission statement including measurable objectives to be achieved by the end of 2025. This will guide the Commission's priorities and will be central to defining the upcoming 2016 Bicycle plan.

The objectives are as follows:

- Be one of the top 5 cities in California for biking and walking and achieve Gold status from the League of American Bicyclists.
- Expand middle and high school student bicycle and pedestrian trips to 40% of total school commutes.
- Expand intra-city trips for errands and leisure by adults and seniors via bicycle/walking to 20% of trips.
- Expand resident bicycle/pedestrian commuting to major Cupertino employers and De Anza College to 15% of total trips.

STAFF CONTACT

David Stillman

Transportation Manager

Phone: 408.777.3249

Fax: 408.777.3333

davids@cupertino.org

[Online Commission
Application](#)

[Agenda and Minutes](#)

[Current Commission
Vacancies](#)

BPC Webpage (2 of 2)

[City Work Program](#)

The Commission consists of five members appointed by the City Council to four-year overlapping terms. None shall be officials or employees of the City nor cohabit with, as defined by law, nor be related by blood or marriage to, any member of the committee, the City Manager or the staff person or persons assigned to the Commission. All members are City of Cupertino residents.

Meetings are held on the third Wednesday of the every month at 7 p.m. in City Hall, Conference Room C. For more information, call staff liaison David Stillman at 408.777.3249.

If you wish to send an e-mail to the Bicycle Pedestrian Commission, please use the following email address:
bikepedcommission@cupertino.org

Commissioners



Gerhard Eschelbeck

Second term ending 1/30/23

geschelbeck@cupertino.org

[Biography](#)

Bicycle Pedestrian Commission



CUPERTINO

September 21, 2022

VTA BPAC Report

Reporting on selected items

For the Sept 7, 2022 VTA BPAC meeting

Erik Lindskog

Homestead Road Safe Routes to School Project

Homestead Road Safe Routes to School Project

- VTA has issued a request for proposals for the Homestead Road Safe Routes to School
- Project.
 - This project will ultimately improve bicycle and pedestrian infrastructure on Homestead Road between Foothill Expressway and Hollenbeck Avenue in Los Altos, Sunnyvale,
 - Cupertino, and Unincorporated County. It will also make improvements on short segments of Vineyard Drive and Bernardo Avenue.
 - It is funded through 35% design. VTA is seeking grant funding for the remaining phases of the project.

One Bay Area Grant Cycle 3 Prioritized List of Projects

One Bay Area Grant Cycle 3 Prioritized List of Projects

Sunnyvale is getting funding Stevens Creek Trail Extension, W. Remington Dr. to W. Fremont Ave. (\$7,000,000)

The project will implement a Class I shared use off roadway trail from West Remington Drive to the north side of the West Fremont Avenue / Highway 85 interchange.

The trail will go along the Stevens Creek Corridor and through publicly owned open space on the east side of State Route 85.

Other items discussed

Other items discussed

- Adoption of Countywide Local Roads Safety Plan
- 2016 Measure B Bicycle & Pedestrian Planning Studies Update Criteria Discussion
- County Active Transportation Plan – County BPAC