



# City of Sunnyvale

## Notice and Agenda - Final Bicycle and Pedestrian Advisory Commission

---

Thursday, October 18, 2018

6:30 PM

Council Chambers, City Hall, 456 W. Olive  
Ave., Sunnyvale, CA 94086

---

### **CALL TO ORDER**

### **SALUTE TO THE FLAG**

### **ROLL CALL**

### **ORAL COMMUNICATIONS**

*This category provides an opportunity for members of the public to address the commission on items not listed on the agenda and is limited to 15 minutes (may be extended or continued after the public hearings/general business section of the agenda at the discretion of the Chair) with a maximum of up to three minutes per speaker. Please note the Brown Act (Open Meeting Law) does not allow commissioners to take action on an item not listed on the agenda. If you wish to address the commission, please complete a speaker card and give it to the Recording Secretary. Individuals are limited to one appearance during this section.*

### **CONSENT CALENDAR**

- 1.A    [18-0900](#)    Approve the Bicycle and Pedestrian Advisory Commission Meeting Minutes of September 20, 2018

**Recommendation:** Approve the Bicycle and Pedestrian Advisory Commission Meeting Minutes of September 20, 2018 as submitted.

### **PUBLIC HEARINGS/GENERAL BUSINESS**

2.    [18-0917](#)    BPAC 2019 Draft Annual Work Plan
3.    [18-0919](#)    VTA BPAC Updates

### **STANDING ITEM: CONSIDERATION OF POTENTIAL STUDY ISSUES**

4. [18-0918](#) 2019 Proposed Study Issues

### **NON-AGENDA ITEMS & COMMENTS**

-Commissioner Comments

-Staff Comments

### **INFORMATION ONLY REPORTS/ITEMS**

[18-0915](#) BPAC 2018 Annual Work Plan

[18-0916](#) Active Items List-October 2018

### **ADJOURNMENT**

*Notice to the Public:*

*Any agenda related writings or documents distributed to members of this meeting body regarding any item on this agenda will be made available for public inspection in the originating department or can be accessed through the Office of the City Clerk located at 603 All America Way, Sunnyvale, CA. during normal business hours and at the meeting location on the evening of the board or commission meeting, pursuant to Government Code §54957.5.*

*Agenda information is available by contacting Ralph Garcia at [pubworks@sunnyvale.ca.gov](mailto:pubworks@sunnyvale.ca.gov) or (408) 730-7415. Agendas and associated reports are also available on the City's website at [sunnyvale.ca.gov](http://sunnyvale.ca.gov) or at the Sunnyvale Public Library, 665 W. Olive Ave., Sunnyvale, 72 hours before the meeting.*

*Pursuant to the Americans with Disabilities Act, if you need special assistance in this meeting, please contact Ralph Garcia at (408) 730-7415. Notification of 48 hours prior to the meeting will enable the City to make reasonable arrangements to ensure accessibility to this meeting. (28 CFR 35.160 (b) (1))*



# City of Sunnyvale

## Agenda Item

---

**18-0900**

**Agenda Date:** 10/18/2018

---

**SUBJECT**

Approve the Bicycle and Pedestrian Advisory Commission Meeting Minutes of September 20, 2018

**RECOMMENDATION**

Approve the Bicycle and Pedestrian Advisory Commission Meeting Minutes of September 20, 2018 as submitted.



# City of Sunnyvale

## Meeting Minutes - Draft Bicycle and Pedestrian Advisory Commission

---

Thursday, September 20, 2018

6:30 PM

Council Chambers, City Hall, 456 W. Olive  
Ave., Sunnyvale, CA 94086

---

### **CALL TO ORDER**

Chair Cordes called the meeting to order at 6:30 p.m.

### **SALUTE TO THE FLAG**

Chair Cordes led the salute to the flag.

### **ROLL CALL**

**Present 5 -** Chair John Cordes  
Vice Chair Susan Bremond  
Commissioner Timothy Oey  
Commissioner Scott Swail  
Commissioner Kyle Welch

Council Liaison Jim Griffith (absent)

[18-0837](#) Selection of Seats

Ralph Garcia, Senior Transportation Engineer, announced Commissioner Bremond as the new Vice Chair.

### **ORAL COMMUNICATIONS**

Members of the public expressed the following concerns:

Dangerous intersections at the following locations:

- Hollenbeck Avenue and Fremont Avenue
- Old San Francisco Road and Bayview Avenue
- California Avenue and Pajaro Avenue
- Charles Street at the intersection of Olive Avenue, Iowa Avenue, McKinley Avenue and Washington Avenue.

-The crosswalk lights at Evelyn Avenue and Murphy Street are not working.

-Signs for Children at Play and Slow Down were requested for neighborhood streets. Mr. Garcia will look into that request and follow up with the resident.

### **1.A CONSENT CALENDAR**

[18-0788](#) Approve the Bicycle and Pedestrian Advisory Commission  
Meeting Minutes of August 16, 2018

Approve the Bicycle and Pedestrian Advisory Commission Meeting Minutes of August 16, 2018 as submitted.

Commissioner Oey moved and Vice Chair Bremond seconded the motion to approve the Bicycle and Pedestrian Advisory Commission Meeting Minutes of August 16, 2018. The motion carried by the following vote:

**Yes 5 -** Chair Cordes  
Vice Chair Bremond  
Commissioner Oey  
Commissioner Swail  
Commissioner Welch

**No 0**

### **PUBLIC HEARINGS/GENERAL BUSINESS**

2. [18-0836](#) Bicycle Friendly Community Application Review (Commissioner Presentation)

Commissioner Oey gave a presentation on The Bicycle Friendly Community Application Review and stated that we are currently ranked in the Bronze category and he would like to see us achieve Silver status. He shared the link with the application for the Commissioners to review and stated several ways the City can improve its ranking. He stated that the current ranking is valid until fall 2020 but the City can submit a new application prior to the expiration of the ranking. He suggested having a team work on the application since it is lengthy.

Vice Chair Bremond asked when and how the City will submit the next Bicycle Friendly Community Application. Mr. Garcia stated that the City plans to submit the application when the current ranking expires, but will look into submitting an

application earlier.

Chair Cordes mentioned that there are several plaques within the City that show Bronze status for 2006 but need to be updated to show Bronze status 2016. Mr. Garcia stated that staff will look into making those updates once all the plaques are located.

3. [18-0834](#) VTA BPAC Updates

Dave Simons, VTA BPAC Representative, reported that at the last VTA meeting they began discussing the light rail and the impact on the current operation of the traffic lights. The lights will soon be changed to allow preemption to accommodate the light rail, this change will impact the cross streets.

Mr. Simons also suggested the Commissioners review the recently approved Complete Streets Policy to see how it affects Homestead Road.

**STANDING ITEM: CONSIDERATION OF POTENTIAL STUDY ISSUES**

4. [18-0835](#) Bicycle and Pedestrian Wayfinding Signs (Info Only)

Mr. Garcia asked the Commissioners to look over the write up and notify him of any changes.

Mr. Garcia also stated that if a study issue is proposed at the October meeting, it will be included in the agenda and voting can take place at the November meeting. However, if it is voted as a study issue in November there will be no write up available for review and modifications. Ranking the study issues will take place during the January 2019 meeting.

Commissioner Oey requested a list of all the study issues presented thus far. Mr. Garcia will add the list to the October Agenda.

**NON-AGENDA ITEMS & COMMENTS**

**-Commissioner Comments**

Commissioner Oey requested to have Chip Taylor, Director of Public Works, attend an upcoming BPAC meeting. Mr. Garcia will look into that.

Chair Cordes questioned what the next steps are regarding the Maude Avenue Bicycle Lane project since City Council did not approve the contract. Mr. Garcia will

check with the Engineering group and see how the project will proceed.

**-Staff Comments**

Mr. Garcia announced the Joint Council and Board of Commissions Chair and Vice Chair meeting will be held on November 13 and Vision Zero will have walk audits on October 9, 11 and 17 from 2:00 p.m. to 4:00 p.m for the following areas:

- Fremont Avenue
- Mary Avenue
- El Camino Real

**INFORMATION ONLY REPORTS/ITEMS**

[18-0831](#) BPAC 2018 Annual Work Plan

[18-0832](#) Active Items List - September 2018

Chair Cordes requested staff to update the Maude Aveune project and Vision Zero.

**ADJOURNMENT**

Chair Cordes adjourned the meeting at 7:19 p.m.



# City of Sunnyvale

## Agenda Item

---

**18-0917**

**Agenda Date:** 10/18/2018

---

BPAC 2019 Draft Annual Work Plan



## 2019 Master Work Plan (DRAFT)

### BPAC Annual Calendar

MEETING DATE	AGENDA ITEM/ISSUE
January 17	•
February 21	<ul style="list-style-type: none"> <li>• Discussion of Utility Bill Concepts</li> <li>• Discussion of TDA Funding</li> </ul>
March 21	<ul style="list-style-type: none"> <li>• Utility Bill Concepts</li> <li>• Annual Slurry Seal List (Information item)</li> <li>• Council Ranking of Study Issues (Information item)</li> </ul>
April 18	<ul style="list-style-type: none"> <li>• Bike to Work Day Planning</li> </ul>
May 16	<ul style="list-style-type: none"> <li>• Annual reporting on collisions involving pedestrians and cyclists</li> <li>• Review Recommended Budget</li> </ul>
June 20	<ul style="list-style-type: none"> <li>• Recognition of Service</li> <li>• Utility Bill Stuffer Update</li> </ul>
July 18	<ul style="list-style-type: none"> <li>• Selection of Chair and Vice Chair</li> </ul>
August 15	•
September 19	<ul style="list-style-type: none"> <li>• Final month to Propose 2020 Study Issues (Due to City Manager by October 1)</li> </ul>
October 17	•
November 21	<ul style="list-style-type: none"> <li>• Rank 2020 Study Issues</li> <li>• Approve 2020 Master Work Plan</li> </ul>
December 19	<ul style="list-style-type: none"> <li>• Final month to Rank 2020 Study Issues</li> <li>• Final month to Approve 2020 Master Work Plan</li> <li>• Final month for Annual Review of Code of Ethics and Conduct for Elected and Appointed Officials</li> </ul>

**Additional items yet to be scheduled:**

- Study Issues approved by Council to be added following approval
- Mary Avenue Overcrossing
- Bicycle Master Plan/Safe Routes to School Plan/Pedestrian Safety and Circulation Plan
- Bernardo Avenue Undercrossing
- Caltrain Grade Separation



# City of Sunnyvale

## Agenda Item

---

**18-0919**

**Agenda Date:** 10/18/2018

---

VTA BPAC Updates



# City of Sunnyvale

## Agenda Item

---

**18-0918**

**Agenda Date:** 10/18/2018

---

2019 Proposed Study Issues

Updated October 10, 2018

## **BPAC 2019 Proposed Study Issues**

DPW 19-02	Adopt Personal Transportation Vehicle Parking Standards
DPW 19-03	Personal Transportation Devices Usage on City Streets, Sidewalks and Bike Lanes
DPW 19-04	Separated Bicycle Facilities for New Developments
DPW 19-05	Bicycle and Pedestrian Wayfinding Signs
DPW 19-06	Develop Bicycle and Pedestrian Metrics to Support Decision-Making on City Projects and Studies

## 2019 COUNCIL STUDY ISSUE (Draft)

### **NUMBER**

..Title

DPW 19-02

**TITLE** Adopt Personal Transportation Vehicle Parking Standards

..

### **SCOPE OF THE STUDY**

#### **What precipitated this study?**

Personal Transportation Vehicles (PTV) such as bicycles, scooters and Segways are increasing in popularity as an alternative transportation method instead of travel by automobiles. The City's parking design standards should include requirements for the safe, reliable and adequate storage of PTV's within the City. The adopted PTV parking design standards would apply to all new developments and all new installations of PTV parking. Having adequate parking for PTV's would accommodate the vehicle types encouraged by the City's Complete Streets policies.

#### **What are the key elements of the study?**

The study will include analysis of various types of Personal Transportation Vehicles, a review of parking standards from other jurisdictions, analysis of electric charging options for electronic mobility devices, and a review of PTV parking options. Also, the study will include data collection and analysis of PTV parking demand for various land use types. After the analysis is completed, the study will provide recommendations on PTV parking demand, preferred PTV parking options including electric charging capabilities, and a recommendation for policy changes to the Sunnyvale Municipal Code, if necessary.

### **NUMBER**

..Title

DPW 19-03

**TITLE** Personal Transportation Devices Usage on City Streets, Sidewalks, and Bike Lanes

..

### **SCOPE OF THE STUDY**

#### **What precipitated this study?**

Personal transportation devices such as bicycles, scooters, skateboards, and roller blades, whether they are manually, electrically, or motor propelled, are increasing in popularity as an alternative transportation method instead of travel by automobiles. The City's Municipal Code currently identifies when and where a person can ride a bicycle, however, it does not provide a clear explanation on when and where a person can operate a scooter or other types personal transportation devices. The California Vehicle Code (CVC) has some policies relating to personal transportation devices but it is not

comprehensive. There are safety issues related to the sharing of sidewalks and roadways by the various transportation devices, vehicles, and pedestrians, which need to be addressed through modification of the Municipal Code.

**What are the key elements of the study?**

The study will include a review of various types of manually, electrically, or motor propelled personal transportation devices. Based on federal, state and city laws, the study will provide recommendations for city policies to regulate where these devices would be allowed to operate (i.e. sidewalk, roadway, bike lanes, etc.), safety equipment requirements, travel speed limits, and age limits.

**NUMBER**

..Title

DPW 19-04

**TITLE** Separated Bicycle Facilities for New Developments

..

**SCOPE OF THE STUDY**

**What precipitated this study?**

When new land developments are constructed in the City of Sunnyvale, there is an opportunity to install a Class I Bicycle Path or a Class IV Separated Bikeway or Cycle Track along the project frontage. Currently, it is the City's practice to require bicycle facilities along the project frontage or vicinity based upon the most current Bicycle Master Plan or area plan. Due to the limitation of right-of-way and roadway widths, Class II Bike Lanes and Class III Bike Routes are typically installed. However, Class I and Class IV bicycle facilities reduce the chances of bicycle and vehicle conflicts. The Class I or Class IV bicycle facilities will promote alternative transportation options as well as increase safety for riders.

**What are the key elements of the study?**

The study will include the policies needed and the process to require applicants/developers provide the necessary right-of-way and funding to install or upgrade the bicycle facilities along the project frontage to a Class I Bicycle Path or a Class IV Bikeway (separated bikeway or cycle track), despite what has been approved in various plans. If construction of a separated bicycle facility along the project frontage is not feasible, the applicant would be required to pay fees for construction of a separated bicycle facility equivalent in length to the project frontage in another part of the City.

**NUMBER**

..Title

DPW 19-05

**TITLE** Bicycle and Pedestrian Wayfinding Signs

**SCOPE OF THE STUDY**

**What precipitated this study?**

Currently, the City has a lack of wayfinding signs commonly found in other cities, in particular for travel by bicycle and walking. New wayfinding signs will accommodate and encourage travel by alternative transportation modes which aligns with several goals of the Land Use and Transportation Chapter of the General Plan including Goal Lt-2: Environmentally Sustainable Land Use and Transportation Planning and Development and Goal LT-3: An Effective Multimodal Transportation System. The intent of installing wayfinding signs is to increase efficiency of the transportation system by providing the best route to each destination and reduce the occurrence of travelers getting lost. In addition, the wayfinding signs will increase bicycle rider safety by reducing the need for bicyclists to look at a mobile map when navigating to an unfamiliar location.

**What are the key elements of the study?**

The Study will include an analysis of the City's transportation network, popular destinations, and the best locations for new wayfinding signage. The analysis of the transportation system will determine where existing and future bicycle and pedestrian facilities are located and the best connections to each destination point. The destination points considered for wayfinding signage will be based on trip demand and may include schools, parks, the library, the community center, the civic center, downtown or other City districts. In addition, each location for new signage will include a layout of the proposed guide sign and a recommendation to provide either distance or minutes of travel to each destination on the sign.

**NUMBER**

..Title

DPW 19-06

**TITLE** Develop Bicycle and Pedestrian Metrics to Support Decision-making on City Projects and Studies

**SCOPE OF THE STUDY**

**What precipitated this study?**

Transportation projects and studies are typically analyzed with automobile data such as Vehicle Miles Traveled (VMT), intersection turning movement counts, traffic speeds, and roadway average annual daily traffic. Based on the analysis of the automobile data, conclusions and recommendations are developed that affect all roadway users including bicyclists and pedestrians. Developing methods to analyze bicycle and pedestrian data in City projects and studies will help ensure all travel modes are considered.

**What are the key elements of the study?**

The study will include what types of bicycle and pedestrian data can be collected (including counting methods and GPS-tracking), the reliability of the data collection, how the data can be included in a traffic analysis, and the potential effect on the transportation network. The study also will include the expected costs for including bicycle and pedestrian data for transportation projects or studies. The study may lead to procedure and policy changes for projects and studies conducted in the City to require a quantitative analysis of bicycle and pedestrian data.





# City of Sunnyvale

## Agenda Item

---

**18-0915**

**Agenda Date:** 10/18/2018

---

BPAC 2018 Annual Work Plan

## 2018 Master Work Plan BPAC Annual Calendar

MEETING DATE	AGENDA ITEM/ISSUE
January 18	MEETING CANCELLED
February 15	<ul style="list-style-type: none"> <li>• Vision Zero (Presentation)</li> <li>• Discussion of Utility Bill Concepts</li> <li>• Discussion of TDA Funding</li> </ul>
March 15	<ul style="list-style-type: none"> <li>• Utility Bill Concepts</li> <li>• Annual Slurry Seal List (Information item)</li> <li>• Council Ranking of Study Issues (Information item)</li> </ul>
April 19	<ul style="list-style-type: none"> <li>• ADA Transition Plan (Presentation)</li> <li>• Caribbean Drive Parking and Trail Access Enhancements Design</li> <li>• Bike to Work Day Planning</li> </ul>
May 17	<ul style="list-style-type: none"> <li>• Annual reporting on collisions involving pedestrians and cyclists</li> <li>• Review Recommended Budget</li> </ul>
June 21	<ul style="list-style-type: none"> <li>• Recognition of Service</li> <li>• Utility Bill Stuffer Update</li> </ul>
July 19	<ul style="list-style-type: none"> <li>• Selection of Chair and Vice Chair</li> </ul>
August 16	
September 20	<ul style="list-style-type: none"> <li>• Bicycle Friendly Community Application Review (Commissioner Presentation)</li> </ul>
October 18	<ul style="list-style-type: none"> <li>• Final month to propose 2019 Study Issues</li> </ul>
November 15	<ul style="list-style-type: none"> <li>• Final month to approve 2019 Master Work Plan</li> <li>• Final month to vote for 2019 Study Issues</li> </ul>
December 20	<ul style="list-style-type: none"> <li>• Final month for Annual Review of Code of Ethics and Conduct for Elected and Appointed Officials</li> </ul>

### Additional items yet to be scheduled:

- Study Issues ranking date to be determined based on 2019 Study Issues Workshop date
- Downtown Specific Plan Amendments
- Moffett Park Specific Plan Amendments
- Lawrence Station Area Plan Amendments
- El Camino Real Corridor Plan

- Mary Avenue Overcrossing (Presentation)
- Bicycle Master Plan/Safe Routes to School Plan/Pedestrian Safety and Circulation Plan (2 Meetings)
- Safe Routes to School Final Maps
- Bernardo Avenue Undercrossing
- Caltrain Grade Separation



# City of Sunnyvale

## Agenda Item

---

**18-0916**

**Agenda Date:** 10/18/2018

---

Active Items List-October 2018

# Bicycle and Pedestrian Advisory Commission

## Active Items List

Item #	Item	PR	Due Date (Approx)	Status	Last Updated
1	Maude Avenue Bike Lanes	Racca-Johnson	TBD	Construction bids for the Maude Avenue Bikeway and Streetscape Project were opened on Wednesday, May 2, 2018, with two bids received. The low bid was beyond the available budget, therefore, both bids were rejected on August 14, 2018. The scope of work is currently under review and staff is preparing for a re-bid.	10/18/2018
2	Vision Zero Plan	Garcia	N/A	The Vision Zero project draft report is currently being prepared by the Vision Zero project team. The report will detail the results of the collision analysis, community input efforts, priority project locations, applicable collision countermeasures and project recommendations. Once final, the report will be reviewed by City Council and made available to the public. The final report will guide the City's traffic safety efforts moving forward.	10/18/2018
3	Homestead Road Bike Lanes Study	Abbas	2020	Staff will apply for funding in the next CIP cycle to study the feasibility of installing fulltime bike lanes on Homestead Road.	7/19/2018
4	Study to reduce all school speed limits to 15 mph	Abbas	2019	Staff is gathering data for analysis.	7/19/2018
5	Utility Bill Insert	Tsang	Annual	BPAC saw proof during June 2018 meeting. Scheduled to go out in July/Aug.	7/19/2018
6	Establishment of Bike Lanes on Mary Avenue (Evelyn to Maude)	Nguyen	Completed 2018	Construction was completed in May 2018.	6/21/2018
7	Fair Oaks Bicycle Project	Nguyen	Construction 2019	Project will be released for bid in summer 2018.	6/21/2018
8	Safe Routes to Schools Projects	Price	Construction 2018	Project under construction (80% complete), anticipated completion in 2018.	6/21/2018
9	Bike to Work Day	Tsang	Annual	Bike to Work Day occurred on May 10, 2018.	6/21/2018
10	Road Overlay, Slurry, Reconstruction & Chip Schedule	T. Pineda	Annual	Transmitted at Mar. 2018 BPAC meeting.	3/15/2018
11	Old Mountain View-Alviso Road	Ng	Completed 2018	The Bridge construction is completed. A ribbon cutting ceremony was held on January 22, 2018.	2/15/2018
12	Stevens Creek Trail	Ochoa	TBD	The next step for the Stevens Creek Trail Project is development of Segment 1 (Dale / Heatherstone Bridge to Fremont Avenue). The City of Mountain View is leading development of this segment and they plan to assemble a multi-city staff group to gauge interest and commitment from the affected Cities. As discussed with Council as part of the budget process, no work will occur on Segment 2 (Fremont Avenue to Homestead Road) until the City has more clarity on the location of connection points for Segment 1. For Segment 3 (Homestead Road / SR 85 Bridge), the City of Sunnyvale will need to collaborate with the cities of Cupertino and Los Altos to seek out grant funding. Recent passage of Measure B appears to be a good potential funding source and staff is following this and other transportation grant sources as potential opportunities.	10/19/2017
13	East-West Channel Trail	Abbas	Annual	Feasibility study/concept plan for the West Channel Trail corridor capital project approved by Council. East and West Channel trail concepts provided to SCVWD for inclusion in flood control project. City can't begin on trail projects until SCVWD is done with the flood control project. The anticipated completion date of the project is 2020.	9/21/2017
14	Bernardo Caltrain Under-crossing	Garcia	TBD	The Bernardo Ped/Bike Undercrossing was listed in VTP 2040, the 2008 Countywide Bicycle Plan (as Tier 1 project), the City of Sunnyvale's Traffic Impact Fee, and VTA's Measure B preliminary bicycle-pedestrian project list. The estimated cost in the TIF and Measure B was approximately \$10 million, which reflects an undercrossing under the railroad and at grade crossing across Central Expressway. In 2016, an OBAG grant in the amount of \$500,000 was awarded for preliminary concept design. In 2017, the City awarded a contract for environmental review and preliminary concept design to WMH. The project team is now working with the City of Sunnyvale, Caltrain/JPB, County Roads & Airports, and the City of Mountain View to understand existing conditions, and define potential opportunities and constraints.	9/21/2017
15	Priority Development Area Grants	Abbas, Uribe, Zulueta	2017	Mathilda Avenue Plan Line is completed. Precise Plan for El Camino Real is on-going.	2/16/2017