



City of Sunnyvale

Notice and Agenda

Bicycle and Pedestrian Advisory Commission

Thursday, September 15, 2016

6:30 PM

West Conference Room, City Hall, 456 W. Olive
Ave., Sunnyvale, CA 94086

CALL TO ORDER

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. [16-0897](#) Draft Minutes of the Bicycle and Pedestrian Advisory Commission Meeting of July 21, 2016

Attachments: [Draft BPAC Minutes of July 21, 2016](#)

PUBLIC HEARINGS/GENERAL BUSINESS

None

STANDING ITEM: CONSIDERATION OF POTENTIAL STUDY ISSUES

2. [16-0896](#) DPW 17-06 Residential Vehicle Parking Requirements

Attachments: [DPW 17-06 Residential Vehicle Parking Requirements](#)

3. [16-0898](#) DPW 17-07 - Develop Mobile Version of Sunnyvale Bicycle Map

Attachments: [DPW 17-07 - Develop Mobile Version of Sunnyvale Bicycle](#)

4. [16-0899](#) DPW 17-08 - Develop and Adopt Design Standards for Bike Wayfinding and Route Signs

Attachments: [DPW 17-08 - Develop and Adopt Design Standards for Bik](#)

5. [16-0900](#) DPW 17-09 - Increase Bike Mode Share to 5% by 2020

Attachments: [DPW 17-09-Increase Bike Mode Share to 5% by 2020](#)

NON-AGENDA ITEMS & COMMENTS

Commissioner Comments

Staff Comments

INFORMATION ONLY REPORTS/ITEMS

- [16-0901](#) Active Items List-July 2016

Attachments: [Active Items List-July 2016](#)

- [16-0902](#) BPAC 2016 Approved Work Plan

Attachments: [BPAC 2016 Approved Work Plan](#)

- [16-0906](#) Complete Streets Checklist for Sunnyvale OBAG projects

Attachments: [Complete Streets Checklist for Sunnyvale OBAG projects](#)

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 Carol Shariat at pubworks@sunnyvale.ca.gov or (408) 730-7415. Agendas and associated reports are also available on the City's website at 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 Carol Shariat 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. (29 CFR 35.106 ADA Title II)



City of Sunnyvale

Agenda Item

16-0897

Agenda Date: 9/15/2016

Draft Minutes of the Bicycle and Pedestrian Advisory Commission Meeting of July 21, 2016



City of Sunnyvale

Meeting Minutes - Draft Bicycle and Pedestrian Advisory Commission

Thursday, July 21, 2016

6:30 PM

West Conference Room, City Hall, 456 W.
Olive Ave., Sunnyvale, CA 94086

CALL TO ORDER

Vice Chair John Cordes called the meeting to order at 6:34 p.m. in the West Conference Room.

ROLL CALL

Present 5 - Commissioner John Cordes
Vice Chair Kevin Jackson
Commissioner Timothy Oey
Commissioner Angela Rausch
Commissioner Kyle Welch

Absent 2 - Chair David Jones
Commissioner Margaret Okuzumi

Status of an absences: Excused.

Council Liaison Attendance: Councilmember Martin-Milius (absent)

ORAL COMMUNICATIONS

Commissioner Welch requested volunteer(s) and/or help with an article for the next Quarterly Report.

Commissioner Jackson inquired if the BPAC email received any feedback related to the current Quarterly Report item. Staff indicated no communications were received.

Commissioner Jackson noted the BPAC was formally recognized August 4, 1992 and would celebrate their 25-year anniversary August 4, 2017; Commissioner Jackson also noted the FY 16/17 budget included a position in DPS for a Safe Routes to School coordinator for three years. This position would assist with a pilot mapping project, and with creation of a brochure for walking and/or biking to Ponderosa School by start of school year.

Commissioner Jackson noted on July 26, 2016 City Council will take action on the Old Mountain View/Alviso Road Bridge replacement project and asked for support.

Commissioner Welch reported the Silicon Valley Bike Event will be August 11, 2016 at Microsoft in Mountain View from 10 a.m. to 5 p.m.

CONSENT CALENDAR

- 1A.** [16-0677](#) Approve the Bicycle and Pedestrian Commission Meeting Minutes of June 16, 2016

Commissioner Jackson made a clarification to item 1A. page 3 "Commissioner Comments" section, second paragraph regarding his comment to notice the BPAC in advance of a project brought to the BPAC that goes to Council. Commissioner Jackson clarified the intent of the advance notice is to allow BPAC members to decide whether to attend in support of the BPAC recommendation.

MOTION: Commissioner Oey moved and Commissioner Welch seconded the motion to approve the Consent Calendar with modifications. The motion carried by the following vote:

Yes 5 - Commissioner Cordes
 Vice Chair Jackson
 Commissioner Oey
 Commissioner Rausch
 Commissioner Welch

No 0

Absent 2 - Chair Jones
 Commissioner Okuzumi

PUBLIC HEARINGS/GENERAL BUSINESS

- 2** [16-0679](#) Election of Officers

For the office of Chair, Commissioner Welch nominated Commissioner Jackson and Vice Chair Cordes nominated Commissioner Okuzumi. Vice Chair Cordes closed nominations. Kevin Jackson was selected as Chair by the following vote:

Yes 4 - Vice Chair Jackson
 Commissioner Oey
 Commissioner Rausch
 Commissioner Welch

No 0

Absent 2 - Chair Jones
Commissioner Okuzumi

Abstain 1 - Commissioner Cordes

For the office of Vice Chair, Commissioner Jackson nominated Chair Jones, Commissioner Welch nominated Commissioner Rausch, Commissioner Rausch nominated Commissioner Welch, and Vice Chair Cordes nominated Commissioner Okuzumi. Commissioner Jones was selected as Vice Chair by the following vote:

Yes 3 - Commissioner Cordes
Vice Chair Jackson
Commissioner Rausch

No 2 - Commissioner Oey
Commissioner Welch

Absent 2 - Chair Jones
Commissioner Okuzumi

3 [16-0678](#) Sunnyvale Bikeway User Map

Carol Shariat, Principal Transportation Planner/Engineer presented a draft copy of the updated Bike Map. Staff worked with Alta Planning & Design to assist with adding locations of bike racks, public access paths & signalized intersections.

Commissioners made comments on the draft bike map and also noted the Heatherstone Bridge and Mary Bridge are missing. Staff informed Commissioners remaining project funding is very limited, therefore changes should be to a minimum. Commissioner Jackson noted the access paths should be made more prominent. Commissioners marked up the draft bike map with suggested edits and submitted to staff. Vice Chair Cordes noted neighborhood guided bike routes and Bay Trail are not marked on the map; staff indicated they would add both. Acting Chair commented how to get additional funding for work still needed on the map.

Vice Chair Cordes opened the Public Hearing.

Zachary Kaufman noted the bridge that goes over 101 does not look continuous, and also the Mary Avenue Bridge is missing.

Vice Chair Cordes encouraged Commissioners and public to submit their edits to staff before the August meeting.

MOTION: Commissioner Rausch moved and Commissioner Oey seconded to continue this item to the next BPAC meeting in August 2016.

The motion carried by the following vote:

Yes 5 - Commissioner Cordes
Vice Chair Jackson
Commissioner Oey
Commissioner Rausch
Commissioner Welch

No 0

Absent 2 - Chair Jones
Commissioner Okuzumi

Vice Chair Cordes stated he needed to leave and opened the floor for nominations for Chair Pro Tem to continue the meeting. Commissioner Oey nominated Commissioner Rausch. There were no other nominations. Acting Chair Cordes closed nominations. Commissioner Rausch was selected to serve as Chair Pro Tem by the following vote:

Yes 5 - Commissioner Cordes
Vice Chair Jackson
Commissioner Oey
Commissioner Rausch
Commissioner Welch

No 0

Absent 2 - Chair Jones
Commissioner Okuzumi

STANDING ITEM: CONSIDERATION OF POTENTIAL STUDY ISSUES

[16-0680](#)

DPW 17-01 Develop Implementation Standards for Cycle
Tracks/Separated Bikeways

Staff noted revisions were made to study issue DPW 17-01 as per Commissioner Jackson's comments and slight modifications made by staff. Commissioner Jackson commented revisions are ok and suggested adding protected intersections within cycle track study issue to also be looked at.

A member of the public, Zachary Kaufman inquired about the study of cycle tracks DPW 17-01 and would it be tied to a specific area in the City. Commissioner Welch clarified it would be a study to look at using cycle tracks in the City and if they would be effective and safe. Mr. Kaufman commented on concerns of hazards with cycle tracks when debris gets into the cycle tracks and also inquired on a timeline for the study.

[16-0653](#)

DPW 17-04 Update Bike Plan Every Five Years

Acting Chair Rausch inquired with Commissioners for any changes to DPW 17-04 and none received.

Commissioner Jackson suggested adding a new study issue to develop additional approaches to meet parking needs while improving safety and capacity of transportation facilities and purposely not include the mention of bike lanes in the study issue. The intent is meant to improve safety and capacity for all traffic and study the real need for on-street parking.

MOTION: Commissioner Jackson moved to add a new study issue as discussed and Commissioner Oey seconded the motion with clarification this would be to study citywide to look at parking needs for on-street parking that ultimately will improve bike safety. The motion carried by the following vote:

Yes 4 - Vice Chair Jackson
Commissioner Oey
Commissioner Rausch
Commissioner Welch

No 0

Absent 3 - Chair Jones
Commissioner Cordes
Commissioner Okuzumi

NON-AGENDA ITEMS & COMMENTS

-Commissioner Comments

Commissioners discussed the Safe Routes to School map project. Commissioner Welch inquired on who determined the routes for the Safe Routes to School map project that provides guided bike signs at various intersections. Staff indicated a consultant worked in coordination with the former traffic manager on the selected routes. Staff noted there will be additional routes added.

Commissioner Jackson commented on the Mathilda/237/Hwy 101 interchange project and that there would be bike lanes included in the project. Commissioner Jackson would like the speed reduced on Mathilda after the reconfiguration of the interchange.

Commissioner Jackson discussed with the Commissioners concerns by Los Altos parents when riding from Los Altos into Sunnyvale, route gets dangerous. HE did not know which route they were concerend with. He also inquired about a coordinated effort with Los Altos for updating bike and pedestrian plans.

Commissioner Jackson inquired if a consultant was hired yet for update of the bike plan, Staff indicated no. Commissioner Jackson discussed a recommended consultant and staff clarified we would have to follow the City procurement policy which requires we go out to bid for projects in excess of \$25,000.

-Staff Comments

None.

INFORMATION ONLY REPORTS/ITEMS

<u>16-0681</u>	Active Items List
<u>16-0682</u>	BPAC 2016 Approved Work Plan
<u>16-0752</u>	Cycle Tracks Consideration

ADJOURNMENT

Chair Pro Tem Rausch adjourned the meeting at 8:09 p.m.



City of Sunnyvale

Agenda Item

16-0896

Agenda Date: 9/15/2016

DPW 17-06 Residential Vehicle Parking Requirements



City of Sunnyvale

Agenda Item

16-0824

Agenda Date: 2/3/2017

2017 COUNCIL STUDY ISSUE

NUMBER

DPW 17-06

TITLE Residential Vehicle Parking Requirements

BACKGROUND

Lead Department: Planning

Support Department(s): Public Works

Sponsor(s):

Board/Commission: Bicycle and Pedestrian Advisory Commission

History:

1 year ago: N/A

2 years ago: N/A

SCOPE OF THE STUDY

What are the key elements of the study?

This study would analyze the recurring situations that lead to the demand for street parking and develop innovative solutions to address these situations. These innovative solutions would in turn minimize the negative impacts on street space that is needed for safe and efficient traffic flow.

When street parking removal is proposed as a necessary element of a project in order to meet traffic safety and capacity needs, the approaches developed by this study can be recommended by staff in the Report to Council as alternatives that will address the concerns of opponents and also ensure the greatest utility for transportation users. Items to be included in this study are as follows:

- The needs of the mobility impaired. One possible approach is to allow a dedicated handicapped parking space to be installed in front of the residence. A single handicapped space would satisfy the concern of the resident and could be less disruptive to safe traffic flow compared to designating street parking along the entire corridor year round.
- Accommodating social events. One possible approach is to allow the event host to apply for a reservation of the street space for the specific time is needed, as is done for many other special events in the city. Limiting street parking to a defined period would satisfy the concern of the resident and could be less disruptive to safe traffic flow compared to designating street parking along the entire corridor year round.
- Access for service vehicles. One possible approach is to work with the Department of Public Safety so that they do not interfere with service vehicles stopped temporarily in a no-parking

zone if it is clear they need to be there and take reasonable safety precautions. Allowing such short-term stopping on an occasional basis satisfies the expressed concern and could be less disruptive to safe traffic flow compared to designating street parking along the entire corridor year round.

- Level of vehicle ownership. The study would consider what number of vehicles should be regarded as necessary to meet the legitimate need of typical households, and are therefore assumed eligible to compete for space on publicly owned transportation facilities if off-street capacity is inadequate. Beyond this number, the assumption would be that this is a personal responsibility and a greater burden of proof should be on the vehicle owner to show otherwise.

What precipitated this study?

Increasingly, the main solution for our traffic safety and capacity problems is the necessity of additional street space. It is important that this limited resource be used more efficiently. Providing alternative means to serve parking needs would reduce demand for street parking and thus, making more of this space available for critical transportation needs.

Planned Completion Year: 2018

FISCAL IMPACT

Cost to Conduct Study

Level of staff effort required (opportunity cost): [Major/Moderate/Minor]

Amount of funding above current budget required: \$ [or enter \$0 if total expected funding is \$0]

Funding Source: [(select one) Will seek budget supplement or Will seek grant funding]

Explanation of Cost:

[Briefly explain the cost of study; including impact or workload and how any additional dollars will be used. Describe the level of complexity that will be required in order to complete a thorough, professional examination of the study issue and any effect this examination may have on existing workload and service level responsibilities.]

Cost to Implement Study Results

[(Select one) "No cost to implement.", "Unknown. Study would include assessment of potential costs.", "Some cost to implement."]

Explanation of Cost: [If there is some cost to implement, briefly explain potential costs of implementing study results. Note estimated capital and operating costs, as well as revenue/savings, include dollar amounts. If there is no cost to implement, delete this section.]

EXPECTED PARTICIPATION IN THE PROCESS

Council-approved work plan: [Yes/No]

Council Study Session: [Yes/No]

Reviewed by Boards/Commissions: [identify the B/Cs, full name, no acronyms]

STAFF RECOMMENDATION

Position: [Support/Drop/Defer/None]

Explanation: [Explain the staff recommendation position.]

[If additional departments support this paper, include those who need to review below and add to Legistar ATS sequence.]

Prepared By: [Name], [Title]

Reviewed By: [Name], Director, [Department]

Reviewed By: Walter C. Rossmann, Assistant City Manager

Approved By: Deanna J. Santana, City Manager



City of Sunnyvale

Agenda Item

16-0898

Agenda Date: 9/15/2016

DPW 17-07 - Develop Mobile Version of Sunnyvale Bicycle Map



City of Sunnyvale

Agenda Item

16-0888

Agenda Date: 2/3/2017

2017 COUNCIL STUDY ISSUE

NUMBER

DPW 17-07

TITLE Develop Mobile Version of Sunnyvale Bicycle Map

BACKGROUND

Lead Department: Public Works
Support Department(s): N/A

Sponsor(s):

Board/Commission: Bicycle and Pedestrian Advisory Commission

History:

1 year ago: N/A

2 years ago: N/A

SCOPE OF THE STUDY

What are the key elements of the study?

The study would evaluate the feasibility of developing and maintaining a mobile application of the Sunnyvale Bicycle Map. The study will also identify the essential features of mobile application, develop a cost estimate, and determine the need for distribution of hard copies of the bike map in the presence of a mobile application.

What precipitated this study?

The Sunnyvale Bicycle Map is currently available on line in pdf version, and also as a paper copy document. The map is currently updated every 10 year, mobile application will allow City to update the map more frequently. Usage of mobile application is increasingly prevalent among Sunnyvale residents and visitors; since many cyclists carry smartphones having a mobile version of the map would therefore be useful.

Planned Completion Year: 2019

FISCAL IMPACT

Cost to Conduct Study

Level of staff effort required (opportunity cost): [Major/Moderate/Minor]

Amount of funding above current budget required: \$ [or enter \$0 if total expected funding is \$0]

Funding Source: [(select one) Will seek budget supplement or Will seek grant funding]

Explanation of Cost:

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EXPECTED PARTICIPATION IN THE PROCESS

Council-approved work plan: [Yes/No]

Council Study Session: [Yes/No]

Reviewed by Boards/Commissions: [identify the B/Cs, full name, no acronyms]

STAFF RECOMMENDATION

Position: [Support/Drop/Defer/None]

Explanation: [Explain the staff recommendation position.]

[If additional departments support this paper, include those who need to review below and add to Legistar ATS sequence.]

Prepared By: Carol Shariat, Principal Transportation Engineer/Planner

Reviewed By: Shahid Abbas, Transportation and Traffic Manager

Reviewed By: Manuel Pineda, Director, Public Works

Reviewed By: Walter C. Rossmann, Assistant City Manager

Approved By: Deanna J. Santana, City Manager



City of Sunnyvale

Agenda Item

16-0899

Agenda Date: 9/15/2016

DPW 17-08 - Develop and Adopt Design Standards for Bike Wayfinding and Route Signs

2017 COUNCIL STUDY ISSUE

NUMBER

..Title

DPW 17-08

TITLE Develop and Adopt Design Standards for Bike Way-finding and Route Signs

..

BACKGROUND

Lead Department: Public Works

Support Department(s): N/A

Sponsor(s):

Board/Commission: Bicycle and Pedestrian Advisory Commission

History:

1 year ago: N/A

2 years ago: N/A

SCOPE OF THE STUDY

What are the key elements of the study?

The purpose of the study would be to develop and adopt design standards to include way-finding (guide) signs along bicycle routes. The study would also determine cost and a funding source for these signs.

What precipitated this study?

Sunnyvale recently installed bicycle route signs through neighborhoods. They are labelled with the route name and a unique route number. A directional arrow was also attached to these signs at places where the route changed the direction (Attachment 1, Option C). BPAC now wants to include way-finding signs on existing and future bike routes (Attachment 1 and 2).

Sunnyvale promotes and encourages bicycling as an alternative mode of transportation, including way-finding information on existing and future bike routes would encourage increased bicycling throughout the City.

Planned Completion Year: 2019

FISCAL IMPACT

Cost to Conduct Study

Level of staff effort required (opportunity cost): [Major/Moderate/Minor]

Amount of funding above current budget required: \$ [or enter \$0 if total expected funding is \$0]

Funding Source: [(select one) Will seek budget supplement or Will seek grant

funding]

Explanation of Cost:

[Briefly explain the cost of study; including impact or workload and how any additional dollars will be used. Describe the level of complexity that will be required in order to complete a thorough, professional examination of the study issue and any effect this examination may have on existing workload and service level responsibilities.]

Cost to Implement Study Results

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Explanation of Cost: [If there is some cost to implement, briefly explain potential costs of implementing study results. Note estimated capital and operating costs, as well as revenue/savings, include dollar amounts. If there is no cost to implement, delete this section.]

EXPECTED PARTICIPATION IN THE PROCESS

Council-approved work plan: [Yes/No]

Council Study Session: [Yes/No]

Reviewed by Boards/Commissions: [identify the B/Cs, full name, no acronyms]

STAFF RECOMMENDATION

Position: [Support/Drop/Defer/None]

Explanation: [Explain the staff recommendation position.]

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Prepared By: Carol Shariat, Principal Transportation Engineer/Planner

Reviewed By: Shahid Abbas, Transportation and Traffic Manager

Reviewed By: Manuel Pineda, Director, Public Works

Reviewed By: Walter C. Rossmann, Assistant City Manager

Approved By: Deanna J. Santana, City Manager



City of Sunnyvale

Agenda Item

16-0900

Agenda Date: 9/15/2016

DPW 17-09 - Increase Bike Mode Share to 5% by 2020

2017 COUNCIL STUDY ISSUE

NUMBER

..Title

DPW 17-09

TITLE Increase Bike Mode Share to 5% for Commuters by 2020

..

BACKGROUND

Lead Department: Public Works

Support Department(s): N/A

Sponsor(s):

Board/Commission: Bicycle and Pedestrian Advisory Commission

History:

1 year ago: N/A

2 years ago: N/A

SCOPE OF THE STUDY

What are the key elements of the study?

This study would research and document how nearby cities and other communities in California are achieving dramatically higher bicycle mode share for commuting than Sunnyvale, which is at 1.4% (*2010-2014 American Community Survey 5-Year Estimates*). The study would also develop plans, costs, and policy recommendations to achieve a 5% bicycle commute mode share by 2020 (at a rate of 1% increase per year).

What precipitated this study?

Sunnyvale lags Santa Clara County (1.8%) as well as nearby cities such as Mountain View (6%) and Palo Alto (9%) of percentage of commuters who journey to work via bicycle. Sunnyvale should increase its bicycle mode share to help meet its Climate Action Plan, reduce congestion, and air pollution. Sunnyvale has many policies which advocate bicycling as an alternative mode, however there are few specific plans or goals to increase this mode share like it does for its Climate Action Plan. Improvements in bicycle infrastructure and transit connection could also enable more children to travel to school without being driven and enable residents to complete numerous errands/trips without driving.

Planned Completion Year: 2019

FISCAL IMPACT

Cost to Conduct Study

Level of staff effort required (opportunity cost): [Major/Moderate/Minor]

Amount of funding above current budget required: \$ [or enter \$0 if total expected funding is \$0]

Funding Source: [(select one) Will seek budget supplement or Will seek grant funding]

Explanation of Cost:

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Cost to Implement Study Results

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EXPECTED PARTICIPATION IN THE PROCESS

Council-approved work plan: [Yes/No]

Council Study Session: [Yes/No]

Reviewed by Boards/Commissions: [identify the B/Cs, full name, no acronyms]

STAFF RECOMMENDATION

Position: [Support/Drop/Defer/None]

Explanation: [Explain the staff recommendation position.]

[If additional departments support this paper, include those who need to review below and add to Legistar ATS sequence.]

Prepared By: Carol Shariat, Principal Transportation Engineer/Planner

Reviewed By: Shahid Abbas, Transportation and Traffic Manager

Reviewed By: Manuel Pineda, Director, Public Works

Reviewed By: Walter C. Rossmann, Assistant City Manager

Approved By: Deanna J. Santana, City Manager



City of Sunnyvale

Agenda Item

16-0901

Agenda Date: 9/15/2016

Active Items List-July 2016

Bicycle and Pedestrian Advisory Commission

Active Items List

Item #	Item	PR	Due Date (Approx)	Status	Last Updated
1	Bernardo Caltrain Under-crossing	M. Pineda	TBD	Feasibility Study accepted by the City Council. Funds for 20% local matching funds must be identified before further project initiation. Project is included in VTP 2040. Approved for Transportation Impact Fee Funding. Current City TIF funds are prioritized towards completion of the 237/101/Mathilda interchange project.	7/14/2016
2	Code of Ethics and Conduct	Shariat	Annual	Reviewed by BPAC during the January 2016 meeting	4/15/2016
3	Utility Bill Insert	Shariat	Annual	BPAC reviewed proof during June 2016 meeting, Scheduled to go out in July/Aug.	7/14/2016
4	Bike to Work Day	Shariat	Annual	Event held May 12, 2016 Two energizer stations: Wolfe and ECR, & Plaza del Sol (downtown Caltrain station)	7/14/2016
5	Road Overlay, Slurry, Reconstruction & Chip Schedule	T. Pineda	Annual	Transmitted at Feb. 2016 BPAC meeting.	4/14/2016

Item #	Item	PR	Due Date (Approx)	Status	Last Updated
6	Community Design and Transportation (CDT) - Planning Grant Program	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. SCVWD plans to complete the project in 2017/2018.	4/14/2016
7	Safe Routes to Schools Projects	Price	Design 2016	Safe Route to School Comprehensive Pedestrian Infrastructure Improvements project underway. Project funds is \$1.9 Million. Under design stage	4/14/2016

Item #	Item	PR	Due Date (Approx)	Status	Last Updated
8	Establishment of Bike Lanes on Mary Avenue (Freemont to Evelyn)	Werner	Construction Spring 2016	Under construction. Anticipated completion in September.	7/14/2016
9	One Bay Area Grants	Abbas	2016	Updates provided in May 2015.	6/12/2015
10	Priority Development Area Grants	Abbas, Uribe, Pineda, Zulueta	Fall, 2017	Space Allocation Study, Mathilda Avenue Plan Line, Precise Plan for El Camino Real update/EIR. Consultant selection complete and are in process. Mathilda Avenue Plan Line is completed, and space allocation study for El Camino Real is on hold.	4/14/2016
11	Old Mountain View-Alviso Road	Ng	Construction 2017	The City of Sunnyvale is currently designing a bridge replacement project on Old Mountain View-Alviso Road between Patrick Henry Drive and Reamwood Avenue. The proposed project will replace the existing bridge with a wider bridge structure that accommodates pedestrian and bicycle facilities. Construction is anticipated to last 9-12 months. To help facilitate construction and ensure pedestrian/bicyclist/motor safety, there will be temporary trail and road closures. The road closure is anticipated to last for 2-3 months and trail closure is anticipated to last for 3-4 months. Under design.	4/14/2016



City of Sunnyvale

Agenda Item

16-0902

Agenda Date: 9/15/2016

BPAC 2016 Approved Work Plan

2016 Master Work Plan

BPAC Annual Calendar

List all regularly scheduled board/commission meetings, specific issues identified in the Tentative Council Meeting Agenda Calendar, and routine assignments specific to each board or commission.

MEETING DATE	AGENDA ITEM/ISSUE
January	<ul style="list-style-type: none"> • 2016 BPAC Work Plan/Calendar • Annual Review of the Code of Ethics and Conduct for Elected and Appointed Officials • TDA Funds Guidelines (information item)
February	<ul style="list-style-type: none"> • TDA Funding Recommendation • Utility Bill Concepts - Discussion • Annual Slurry Seal List (Information item) • Council Ranking of Study Issues (information item)
March	<ul style="list-style-type: none"> • Approve Master Work Plan¹ • TDA Funding Recommendation • Silver Level Bicycle Friendly Community • Bike Map • Utility Bill Concepts • Bike to Work Day Planning • Mathilda Plan Line north of Washington (information item)
April	<ul style="list-style-type: none"> • Wolfe Road Water Pipeline (Presentation) • Maude Avenue Streetscape • Bike to Work Day Planning
May	<ul style="list-style-type: none"> • Presentation – Mathilda and US 101/SR 237 Project • Peery Park • Review Recommended Budget² • Wolfe Road Corridor Study
June	<ul style="list-style-type: none"> • Board Member/Commissioner Recognition (Presentation) • Utility Bill Stuffer Update • Appointment of a Member to the VTA BPAC
July	<ul style="list-style-type: none"> • Bike Map • Study Issues Brainstorming • Election of Officers ³
August	<ul style="list-style-type: none"> • Bike Map • Consideration of Candidate Study Issues • Draft BPAC Article (information item) • Neighborhood Guided Bicycle Routes RTC (information item)
September	<ul style="list-style-type: none"> • Final month to propose Study Issues (Due to City Manager by October 1)⁴

October	<ul style="list-style-type: none">• LUTE• El Camino Precise Plan• Annual reporting on collisions involving pedestrians and cyclists (information item)
November	<ul style="list-style-type: none">• Lauren Ledbetter (VTA BPAC staff liaison) - Presentation• Final month to rank Study Issues (if any)⁵
December	<ul style="list-style-type: none">• Final month for Annual Review of Code of Ethics and Conduct for Elected and Appointed Officials⁶• 2017 Work Plan

Footnotes

1

Council Policy requires that all boards and commissions create an annual work plan, defined as a 12-month calendar of the policy issues the body will be acting on during the year. Since Council does not approve until February the issues it will ask each of the boards and commissions to study, these work plans can not be adopted by the boards and commissions until March.

2

May is the month for boards and commissions to perform an official review and to comment on the City Manager's recommended budget to Council—i.e., make recommendations to Council regarding priorities and service levels, fees, and/or capital projects. Given the budgetary process, the City Manager's recommended budget will typically not be ready for boards and commissions to review until shortly before the time that a recommendation is necessary from the advisory body---in other words, there will be a very short turnaround time for boards and commissions---in fact, often there is not enough time to perform a thorough review and get the results to Council without conducting a special meeting of the board/commission and subsequently sending the Chair or his/her designated representative to Council's public hearing to convey recommendations in person (waiting for the normal board/commission minutes to reach Council won't work). This underscores the importance of a board/commission being prepared to conduct its review—to understand its role, to know how to navigate the budget and be familiar with its contents---before the issue is brought before it in May.

3

Unless otherwise dictated by City Charter, each board and commission shall, within the month of July each year, or during the next regularly scheduled meeting if a July meeting is not otherwise necessary, elect one of its members as presiding officer, to serve commencing after the end of the meeting, upon completion of mandatory chair training and ideally in time to advise staff on the agenda for the next regularly-scheduled meeting. The Board of Building Code Appeals must meet in July to select a Chair and Vice Chair if no meetings are scheduled in the future. The selection of Chair and Vice Chair shall be the last item on the agenda at the scheduled meeting. All boards and

commissions shall select their chair and vice chair in accordance with practices and procedures outlined by the Office of the City Clerk.

4

Boards and Commissions may propose study and budget issues throughout the year. In order to be considered by Council for study in the following year, however, all study issues must be proposed by boards and commissions by no later than September. Any Study Issues proposed by a board/commission after September shall roll over to the next year's process (the only other recourse a b/c member has is to get Council to sponsor the Study Issue Paper). Study Issue papers must be signed by the City Manager prior to being ranked by a board or commission.

5

Boards and Commissions must rank their study issues by no later than November of each year so that staff can complete the work necessary to add these issues to the list Council will consider for ranking early in the next calendar year. Chairs of boards and commissions are encouraged to attend the Council's public hearing on study/budget issues to champion the issues ranked and prioritized by their body.

6

All Boards and Commissions must review the City's Code of Ethics and Conduct for Elected and Appointed Officials annually near the end of the calendar year prior to Council review, and by no later than December.



City of Sunnyvale

Agenda Item

16-0906

Agenda Date: 9/15/2016

Complete Streets Checklist for Sunnyvale OBAG projects



Date: July 28, 2016
Current Meeting: August 10, 2016
Board Meeting: N/A

BOARD MEMORANDUM

TO: Santa Clara Valley Transportation Authority
Bicycle & Pedestrian Advisory Committee

THROUGH: General Manager, Nuria I. Fernandez

FROM: Director of Planning and Program Development, John Ristow

SUBJECT: Review of Complete Streets Checklists for Candidate OBAG Projects

FOR INFORMATION ONLY

BACKGROUND:

The Metropolitan Transportation Commission's (MTC) Resolution 3765, adopted in June 2006, sets forth MTC's regional policy for accommodation of bicycle and pedestrian facilities during transportation project planning, design, funding, and construction. As directed by the resolution, MTC developed a complete streets checklist to be used by local agencies to evaluate bicycle and pedestrian facility needs and accommodations for roadway and transit projects that apply for regional funds. The checklist is intended to be used at the earliest conception or design phase of a project.

MTC's Resolution 3765 also requires congestion management agencies (CMAs) to review the complete street checklists once they are completed by local agencies. Additionally, CMAs are required to make them available to their Bicycle and Pedestrian Advisory Committee for review and input to ensure that bicyclist and pedestrian accommodation is considered at the earliest stages of project development.

DISCUSSION:

As described above, all roadway and transit projects that apply for regional funding after 2006 are required to fill out a complete streets checklist. In compliance with MTC's Resolution 3765, Santa Clara Valley Transportation Authority (VTA) is providing the checklists submitted as part of the One Bay Area Grant (OBAG) application process to the VTA Bicycle and Pedestrian Committee (BPAC) for review and comment. VTA staff will provide BPAC comments to project sponsors.

Project checklists are provided in **Attachment A**, sorted by jurisdiction. Checklists are provided for OBAG's two funding categories:

1. Complete Streets Competitive: Checklists for all projects that applied to OBAG's competitive complete streets grant program. Not all projects included will be selected to receive funding. Since project applications have already been submitted to VTA and are being evaluated and scored, substantive changes in scope are not possible.
2. Local Streets and Road Preservation Pass-Through: Checklists for projects requesting local streets and road preservation funds. These funds are provided to each Member Agency based on a formula. However, Member Agencies are still required to submit a complete streets checklist to MTC when requesting the funds.

OBAG funding requirements set by the Federal government and the Metropolitan Transportation Commission determine the type of projects that are eligible for funding. **Attachment B** describes the funding requirements. These restrictions and requirements should be considered when reviewing the checklists.

BPAC members are asked to review the checklists with the following questions in mind:

- Are all existing bicycle and pedestrian facilities listed?
- Are all needed bicycle and pedestrian facilities listed?
- Are all existing challenges for bicyclists and pedestrians listed?
- Is the project consistent with local and countywide bicycle, pedestrian, and transit plans?
- Are public meeting comments in line with your understanding of community concerns?
- Will the proposed project block or hinder bicycle or pedestrian movement?
- Any other comments, requests for clarification, questions, or concerns?

NEXT STEPS:

VTA staff will provide BPAC comments on complete streets checklists to project sponsors.

VTA staff is in the process of developing a complete streets policy for VTA. During development of the policy, VTA will evaluate how well MTC's Resolution 3765 and associated checklist is working, and identify improvements to its process for reviewing and monitoring complete streets checklists.

Prepared By: Lauren Ledbetter
Memo No. 5631

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Introduction

This appendix contains complete streets checklists for applications received in response to VTA's One Bay Area (OBAG) Cycle II Call for Projects in summer 2016. Complete streets checklists are required by Metropolitan Transportation Commission (MTC) for all projects requesting funding administered by MTC. MTC Resolution 3765 requires Congestion Management Agencies, including VTA, to make checklists available to their countywide Bicycle and Pedestrian Advisory Committee for review and input to ensure that bicyclist and pedestrian needs are considered at the earliest stages of project development. Checklists can be viewed online at: <http://completestreets.mtc.ca.gov/>

For VTA's OBAG Cycle II Call for Projects, Member Agencies requested funding from two sources:

- 1. Local Streets and Road Preservation Guaranteed Funds.**

These funds are distributed to each Member Agency based on a formula. Member Agencies must still submit an OBAG application and fill out Complete Streets Checklists for these projects. For OBAG Cycle II, Los Altos Hills and Monte Sereno opted to bank their funds and receive them during a future cycle.

- 2. Competitive Complete Streets Program**

Member Agencies may submit an unlimited number of applications requesting funding for projects that meet eligibility criteria for the Competitive Complete Streets Program. This attachment includes all projects submitted in response to the OBAG Cycle II Call for Projects. Not all applications will receive funding. Projects will be scored and only top ranked projects will be funded. Member Agencies must submit an OBAG application and fill out Complete Streets Checklists for these projects.

Eligible projects and scoring criteria are listed on the OBAG II website:

<http://www.vta.org/projects-and-programs/programs/call-for-projects-obag-documents>.

Summary of Applications Received for One Bay Area Grant Cycle II Call for Projects

Agency	Application Name	MTC CS Cklist Available for BPAC Review
LOCAL STREETS AND ROADS GUARANTEED FUNDS		
Campbell	Winchester Blvd Overlay	Y
Cupertino	Cupertino Pavement Management	Y
Gilroy	Monterey Street Streetscape & Rehabilitation	Y
Los Altos	Fremont Avenue Asphalt Concrete Overlay	Y
Los Altos Hills	Opting to bank guaranteed funds until next year	-
Los Gatos	Lark Avenue	Y
Milpitas	Street Resurfacing 2018	Y
Monte Sereno	Opting to bank guaranteed funds until next year	-
Morgan Hill	East Dunne Avenue Pavement Rehabilitation	Y
Mountain View	West Middlefield Road Improvements	Y
Palo Alto	Palo Alto OBAG 2 Street Resurfacing	N
San Jose	Various streets in City of San Jose	Y
Santa Clara	LSR requests are forthcoming, and were not submitted by the deadline for BPAC review.	Y
Saratoga	Saratoga Village Crosswalk & Sidewalk Improvements	Y
Sunnyvale	Sunnyvale Roadway Pavement Rehabilitation	Y
Sunnyvale	Sunnyvale Traffic Signal Upgrades	Y
SC County	LSR requests are forthcoming, and were not submitted by the deadline for BPAC review.	-
APPLICATIONS SUBMITTED TO COMPETITIVE COMPLETE STREETS PROGRAM*		
Campbell	Campbell PDA Enhancements Project	Y
Cupertino	Stevens Creek Blvd Class IV Bikeway	Y
Gilroy	Fifth Street & Martin Complete Street Gap Closure	Y
Gilroy	Fourth Street Streetscape	Y
Gilroy	Gourmet Alley	Y
Los Altos	San Antonio Road & West Portola Ave Improvements	Y
Mountain View	Shoreline Blvd Pathway Improvements	Y
Palo Alto	California Avenue District Bike Station	Y
Palo Alto	El Camino Real Pedestrian Safety & Streetscape	Y
San Jose	Julian & St. James "Liveable Streets" Couplet conversion	Y
San Jose	McKee Road Vision Zero Priority Safety Corridor	Y
San Jose	Tully Road Vision Zero Priority Safety Corridor	Y
San Jose	West San Carlos Urban Village Streetscape Improvements	Y
Santa Clara	Hetch-Hetchy Trail Phase 1	Y
Santa Clara	Lawrence Station Area - Monroe Street & Agate Drive Bike/Pedestrian	Y
Santa Clara	San Tomas Aquino Creek Trail Underpass	Y
Santa Clara	Santa Clara Safe Routes to School	Y
Santa Clara	Saratoga Creek Trail Phase 1	Y
Sunnyvale	Bernardo Ave Bicycle Undercrossing	Y
Sunnyvale	East Sunnyvale Area Sense of Place-Transit/Bike/Ped Upgrades	Y
Sunnyvale	Fair Oaks Ave Bikeway & Streetscape	Y
Sunnyvale	Fremont Ave Bikeway & Streetscape Improvements	Y
Sunnyvale	Java Drive Road Diet & Bike Lanes	Y
Sunnyvale	Lawrence Station Area Sidewalks & Bike Facilities	Y
Sunnyvale	Peery Park Sense of Place Improvements	Y
VTa/Milpitas	Montague Expressway Pedestrian Overcrossing at Milpitas BART Station	Y
VTa/San Jose	King Road Pedestrian Safety & Transit Access Improvements	Y

Attachment A: Complete Streets Checklists

Sunnyvale Roadway Pavement Rehabilitation: Wright Ave Pavement Preventative

	Name	Wright Avenue - Pavement Preventative Maintenance and Rehabilitation
	Description	Pavement preventative maintenance and rehabilitation on segment from Yorktown Drive to Pendleton Avenue
	Status	Approved
	Project	Sunnyvale Roadway Pavement Rehabilitation
	Location	Sunnyvale
	Contact Name	Shahid Abbas
	Contact Email	sabbas@sunnyvale.ca.gov
	Contact Phone	4087307330
	Contact Address	456 W. Olive Ave., Sunnyvale, CA 94086
1a	What bicycle and pedestrian accommodations are currently included on the facility or on facilities it intersects or crosses? Please check all that apply.	<input type="checkbox"/> Class I bicycle paths
		<input type="checkbox"/> Class II bicycle lanes
		<input type="checkbox"/> Class III bicycle routes
		<input type="checkbox"/> Class IV bikeways
		<input type="checkbox"/> Bicycle boxes
		<input type="checkbox"/> Raised separated bikeways
		<input type="checkbox"/> Bicycle Boulevards
		<input type="checkbox"/> Bicycle parking
		<input type="checkbox"/> Sidewalks on one side or both sides of street
		<input type="checkbox"/> Marked crosswalks
		<input type="checkbox"/> Protected intersection
		<input type="checkbox"/> Painted conflict zones
		<input type="checkbox"/> Narrow unpaved path
		<input type="checkbox"/> Pedestrian-actuated traffic signals or routine pedestrian cycle
		<input type="checkbox"/> Bulb-outs
		<input type="checkbox"/> Bicycle actuated traffic signals or routine bicyclist cycle
		<input type="checkbox"/> High visibility crosswalks
		<input type="checkbox"/> Pedestrian-level lighting
		<input type="checkbox"/> ADA-compliant ramps
		<input type="checkbox"/> Traffic signal push buttons
		<input type="checkbox"/> Refuge islands on roadways
		<input type="checkbox"/> Transit shelter
		<input type="checkbox"/> Wide curb lanes
		<input type="checkbox"/> Right turn only lanes
		<input type="checkbox"/> Transit vehicle stops
		<input type="checkbox"/> Pedestrian countdown signals
		<input type="checkbox"/> Way-finding or directional signage
		<input type="checkbox"/> None
	Other	
	Please provide specifics of any items checked above.	
1b	If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest parallel bikeways and walkways?	<input type="checkbox"/> 0-1/4 mile
		<input type="checkbox"/> 1/4 mile to 1/2 mile
		<input type="checkbox"/> 1/2 mile to 1 mile
		<input type="checkbox"/> 1+ mile

Attachment A: Complete Streets Checklists

Sunnyvale Roadway Pavement Rehabilitation: Wright Ave Pavement Preventative

1c	Please indicate needed pedestrian, bicycle, or transit improvements in the project area that staff or the public have identified	Improved lighting
		sidewalks
		Improve intersections
		Mid-block crossings
		Accommodations for the elderly or disabled or school age children
		School age children
		Transit shelters
		ADA facilities
		Widened curb lanes
		Bicycle parking
		Traffic signals responsive to bicycles
		Shorter vehicular traffic signal cycles
		Addressing choke points or gaps in pedestrian or bicycle
		RR crossings
		Bike racks on busses
		Widened or better-lit under crossings
		Removed slip lanes
Right turn only lanes		
None		
	Other	Pavement maintenance
1d	Please describe the overall context of the project area:	30 MPH on Wright Avenue
1e	What existing challenges could the proposed project improve for bicycle, pedestrian, or transit travel in the vicinity of the proposed project?	Unresponsive signals to bicycles
		Lack of bicycle parking
		Freeway on-off ramps
		Narrow curb lanes
		Choke points
		RR crossings
		No bike racks on buses
		Wide roadway crossings
		Long signal cycles which require pedestrians to wait long periods of time
		Short signal crossing times
		Narrow undercrossings, overcrossings
		Slip lanes
		Sidewalk obstruction or missing sidewalk
		Pedestrian-level lighting
		Lack of ADA compliant facilities
		Lack of Transit vehicle stops
2a	What trip generators (existing and future) are in the vicinity of the proposed project that might attract walking or bicycling customers, employees, students, visitors or others?	Educational institutions
		Transit stations
		Senior centers
		High-density land uses
		Downtowns
		Shopping areas
		Medical centers
		Major public venues
		Government buildings
		Parks
	Other	

Attachment A: Complete Streets Checklists
Sunnyvale Roadway Pavement Rehabilitation: Wright Ave Pavement Preventative

3a	Have you considered collisions involving bicyclists and pedestrians along the route of the facility?	No
	If so, please provide the number of collisions and describe the outcomes of each:	
	If so, what resources have you consulted?	
4a	Do any adopted plans call for the development of bicycle or pedestrian facilities on, crossing or adjacent to the proposed facility/project?	City or town bicycle plan Countywide bicycle plan City or town pedestrian plan Countywide pedestrian plan Combined bicycle and pedestrian plan ADA transition plan General plan Specific plan Regional transportation Plan Sales tax expenditure plan Station area access plan No plans
	Other	
	Is the proposed project consistent with these plans?	Yes
5a	Do any local, statewide or federal policies call for incorporating bicycle and/or pedestrian facilities into this project?	Caltrans Deputy Directive 64 Caltrans Highway Design Manual (Chapter 1000) ACR 211 MUTCD 2003 MUTCD California supplement Americans with Disabilities Act Accessibility Guidelines (ADAAG) MTC Pedestrian Districts Study None more
	Other	
	If so, have the policies been followed?	Yes
5b	N/A	No
5c	If this project includes a bicycle and/or pedestrian facility, which applicable design standards or guidelines have been followed?	AASHTO bicycle and pedestrian design guides Americans with Disabilities Act Accessibility Guidelines Caltrans Design Information Bulletin 89 Caltrans Highway Design Manual Caltrans California MUTCD Caltrans Pedestrian and Bicycle Facilities in California FHWA MUTCD ITE Designing Urban Walkable Thoroughfares NACTO Urban Bikeway Design Guide N/A - no bicycle or pedestrian facilities included None

Attachment A: Complete Streets Checklists

Sunnyvale Roadway Pavement Rehabilitation: Wright Ave Pavement Preventative

6a	What comments have been made regarding bicycle and pedestrian accommodations at BPAC, stakeholder, or public meetings at which the proposed project has been discussed?	Citywide bike network and future improvement have been approved by BPAC and council meetings.
	How have you responded to comments received?	Incorporated Complete Streets designs.
7a	What accommodations, if any, are included for bicyclists and pedestrians in the proposed project design?	Class I bicycle paths Class II bicycle lanes Class III bicycle routes Class IV bikeways Bicycle boxes Raised separated bikeways Bicycle Boulevards Bicycle parking Sidewalks on one side or both sides of street Widened sidewalks Marked crosswalks Protected intersection Painted conflict zones Narrow unpaved path Pedestrian-actuated traffic signals or routine pedestrian cycle Bulb-out Bicycle actuated traffic signals or routine bicyclist cycle High visibility crosswalks Pedestrian-level lighting ADA-compliant ramps Traffic signal push buttons Refuge islands on roadways Transit shelters Wide curb lanes Right turn only lanes Transit vehicle stops Pedestrian countdown signals Way-finding or directional signage None
	Other	
8a	Will the proposed project remove an existing bicycle or pedestrian facility or block or hinder bicycle or pedestrian movement?	No
	If yes, please describe situation in detail.	
8b	If the proposed project incorporates neither bicycle nor pedestrian facilities, or if the proposed project would hinder bicycle or pedestrian travel, list reasons why the project cannot be re-designed to accommodate these facilities.	
	Was a road diet or car parking removal considered?	
	What would be the cost of the added bicycle and/or pedestrian facility?	

Attachment A: Complete Streets Checklists

Sunnyvale Roadway Pavement Rehabilitation: Wright Ave Pavement Preventative

	If the proposed project incorporates bicycle or pedestrian improvements, what proportion is the bicycle and/or pedestrian facility of the total project cost?	
	If right-of-way challenges are the reason for the hindrance, please explain the analysis that led to this conclusion.	
9a	How will access for bicyclists and pedestrians be maintained during project construction?	Alternative signed bicycle route
		Alternative signed pedestrian route
		Separated pedestrian pathway
		Other
	Other	
10a	What agency will be responsible for ongoing maintenance of the facility?	Sunnyvale
10b	How will ongoing maintenance be budgeted?	Annually

Attachment A: Complete Streets Checklists
Sunnyvale Roadway Pavement Rehabilitation: Sunnyvale-Saratoga Preventative

	Name	Sunnyvale-Saratoga Road - Preventative Pavement Maintenance
	Description	Preventative pavement maintenance on segment from El Camino Real to Homestead Road
	Status	Approved
	Project	Sunnyvale Roadway Pavement Rehabilitation
	Location	Sunnyvale
	Contact Name	Shahid Abbas
	Contact Email	sabbas@sunnyvale.ca.gov
	Contact Phone	4087307330
	Contact Address	456 W. Olive Ave., Sunnyvale, CA 94086
1a	What bicycle and pedestrian accommodations are currently included on the facility or on facilities it intersects or crosses? Please check all that apply.	<input type="checkbox"/> Class I bicycle paths <input checked="" type="checkbox"/> Class II bicycle lanes <input type="checkbox"/> Class III bicycle routes <input type="checkbox"/> Class IV bikeways <input type="checkbox"/> Bicycle boxes <input type="checkbox"/> Raised separated bikeways <input type="checkbox"/> Bicycle Boulevards <input type="checkbox"/> Bicycle parking <input checked="" type="checkbox"/> Sidewalks on one side or both sides of street <input checked="" type="checkbox"/> Marked crosswalks <input type="checkbox"/> Protected intersection <input type="checkbox"/> Painted conflict zones <input type="checkbox"/> Narrow unpaved path <input checked="" type="checkbox"/> Pedestrian-actuated traffic signals or routine pedestrian cycle <input type="checkbox"/> Bulb-outs <input checked="" type="checkbox"/> Bicycle actuated traffic signals or routine bicyclist cycle <input type="checkbox"/> High visibility crosswalks <input type="checkbox"/> Pedestrian-level lighting <input type="checkbox"/> ADA-compliant ramps <input checked="" type="checkbox"/> Traffic signal push buttons <input type="checkbox"/> Refuge islands on roadways <input type="checkbox"/> Transit shelter <input type="checkbox"/> Wide curb lanes <input type="checkbox"/> Right turn only lanes <input checked="" type="checkbox"/> Transit vehicle stops <input type="checkbox"/> Pedestrian countdown signals <input type="checkbox"/> Way-finding or directional signage <input type="checkbox"/> None
	Other	
	Please provide specifics of any items checked above.	Class II bike lanes throughout segment with sidewalks and crosswalks
1b	If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest parallel bikeways and walkways?	<input type="checkbox"/> 0-1/4 mile <input type="checkbox"/> 1/4 mile to 1/2 mile <input type="checkbox"/> 1/2 mile to 1 mile <input type="checkbox"/> 1+ mile

Attachment A: Complete Streets Checklists
Sunnyvale Roadway Pavement Rehabilitation: Sunnyvale-Saratoga Preventative

1c	Please indicate needed pedestrian, bicycle, or transit improvements in the project area that staff or the public have identified	Improved lighting		
		sidewalks		
		Improve intersections		
		Mid-block crossings		
		Accommodations for the elderly or disabled or school age children		
		School age children		
		Transit shelters		
		ADA facilities		
		Widened curb lanes		
		Bicycle parking		
		Traffic signals responsive to bicycles		
		Shorter vehicular traffic signal cycles		
		Addressing choke points or gaps in pedestrian or bicycle		
		RR crossings		
		Bike racks on busses		
		Widened or better-lit under crossings		
		1e	What existing challenges could the proposed project improve for bicycle, pedestrian, or transit travel in the vicinity of the proposed project?	Removed slip lanes
Right turn only lanes				
None				
Other				
Pavement maintenance				
1d	Please describe the overall context of the project area:			40 MPH on Sunnyvale-Saratoga Road
		2a	What trip generators (existing and future) are in the vicinity of the proposed project that might attract walking or bicycling customers, employees, students, visitors or others?	Unresponsive signals to bicycles
				Lack of bicycle parking
Freeway on-off ramps				
Narrow curb lanes				
Choke points				
RR crossings				
No bike racks on buses				
Wide roadway crossings				
Long signal cycles which require pedestrians to wait long periods of time				
Short signal crossing times				
Narrow undercrossings, overcrossings				
Slip lanes				
Sidewalk obstruction or missing sidewalk				
Pedestrian-level lighting				
Lack of ADA compliant facilities				
Lack of Transit vehicle stops				
2a	What trip generators (existing and future) are in the vicinity of the proposed project that might attract walking or bicycling customers, employees, students, visitors or others?			
		Other		
		Pavement repairs		
		2a	What trip generators (existing and future) are in the vicinity of the proposed project that might attract walking or bicycling customers, employees, students, visitors or others?	Educational institutions
				Transit stations
Senior centers				
High-density land uses				
Downtowns				
Shopping areas				
Medical centers				
Major public venues				
Government buildings				
Parks				
2a	What trip generators (existing and future) are in the vicinity of the proposed project that might attract walking or bicycling customers, employees, students, visitors or others?			
		Other		

Attachment A: Complete Streets Checklists
Sunnyvale Roadway Pavement Rehabilitation: Sunnyvale-Saratoga Preventative

3a	Have you considered collisions involving bicyclists and pedestrians along the route of the facility?	No
	If so, please provide the number of collisions and describe the outcomes of each:	
	If so, what resources have you consulted?	
4a	Do any adopted plans call for the development of bicycle or pedestrian facilities on, crossing or adjacent to the proposed facility/project?	City or town bicycle plan Countywide bicycle plan City or town pedestrian plan Countywide pedestrian plan Combined bicycle and pedestrian plan ADA transition plan General plan Specific plan Regional transportation Plan Sales tax expenditure plan Station area access plan No plans
	Other	
	Is the proposed project consistent with these plans?	Yes
5a	Do any local, statewide or federal policies call for incorporating bicycle and/or pedestrian facilities into this project?	Caltrans Deputy Directive 64 Caltrans Highway Design Manual (Chapter 1000) ACR 211 MUTCD 2003 MUTCD California supplement Americans with Disabilities Act Accessibility Guidelines (ADAAG) MTC Pedestrian Districts Study None more
	Other	
	If so, have the policies been followed?	Yes
5b	N/A	No
5c	If this project includes a bicycle and/or pedestrian facility, which applicable design standards or guidelines have been followed?	AASHTO bicycle and pedestrian design guides Americans with Disabilities Act Accessibility Guidelines Caltrans Design Information Bulletin 89 Caltrans Highway Design Manual Caltrans California MUTCD Caltrans Pedestrian and Bicycle Facilities in California FHWA MUTCD ITE Designing Urban Walkable Thoroughfares NACTO Urban Bikeway Design Guide N/A - no bicycle or pedestrian facilities included None

Attachment A: Complete Streets Checklists
Sunnyvale Roadway Pavement Rehabilitation: Sunnyvale-Saratoga Preventative

6a	What comments have been made regarding bicycle and pedestrian accommodations at BPAC, stakeholder, or public meetings at which the proposed project has been discussed?	Citywide bike network and future improvement have been approved by BPAC and council meetings.
	How have you responded to comments received?	Incorporated Complete Streets designs.
7a	What accommodations, if any, are included for bicyclists and pedestrians in the proposed project design?	Class I bicycle paths Class II bicycle lanes Class III bicycle routes Class IV bikeways Bicycle boxes Raised separated bikeways Bicycle Boulevards Bicycle parking Sidewalks on one side or both sides of street Widened sidewalks Marked crosswalks Protected intersection Painted conflict zones Narrow unpaved path Pedestrian-actuated traffic signals or routine pedestrian cycle Bulb-out Bicycle actuated traffic signals or routine bicyclist cycle High visibility crosswalks Pedestrian-level lighting ADA-compliant ramps Traffic signal push buttons Refuge islands on roadways Transit shelters Wide curb lanes Right turn only lanes Transit vehicle stops Pedestrian countdown signals Way-finding or directional signage None
	Other	Pavement repairs
8a	Will the proposed project remove an existing bicycle or pedestrian facility or block or hinder bicycle or pedestrian movement?	No
	If yes, please describe situation in detail.	
8b	If the proposed project incorporates neither bicycle nor pedestrian facilities, or if the proposed project would hinder bicycle or pedestrian travel, list reasons why the project cannot be re-designed to accommodate these facilities.	
	Was a road diet or car parking removal considered?	
	What would be the cost of the added bicycle and/or pedestrian facility?	

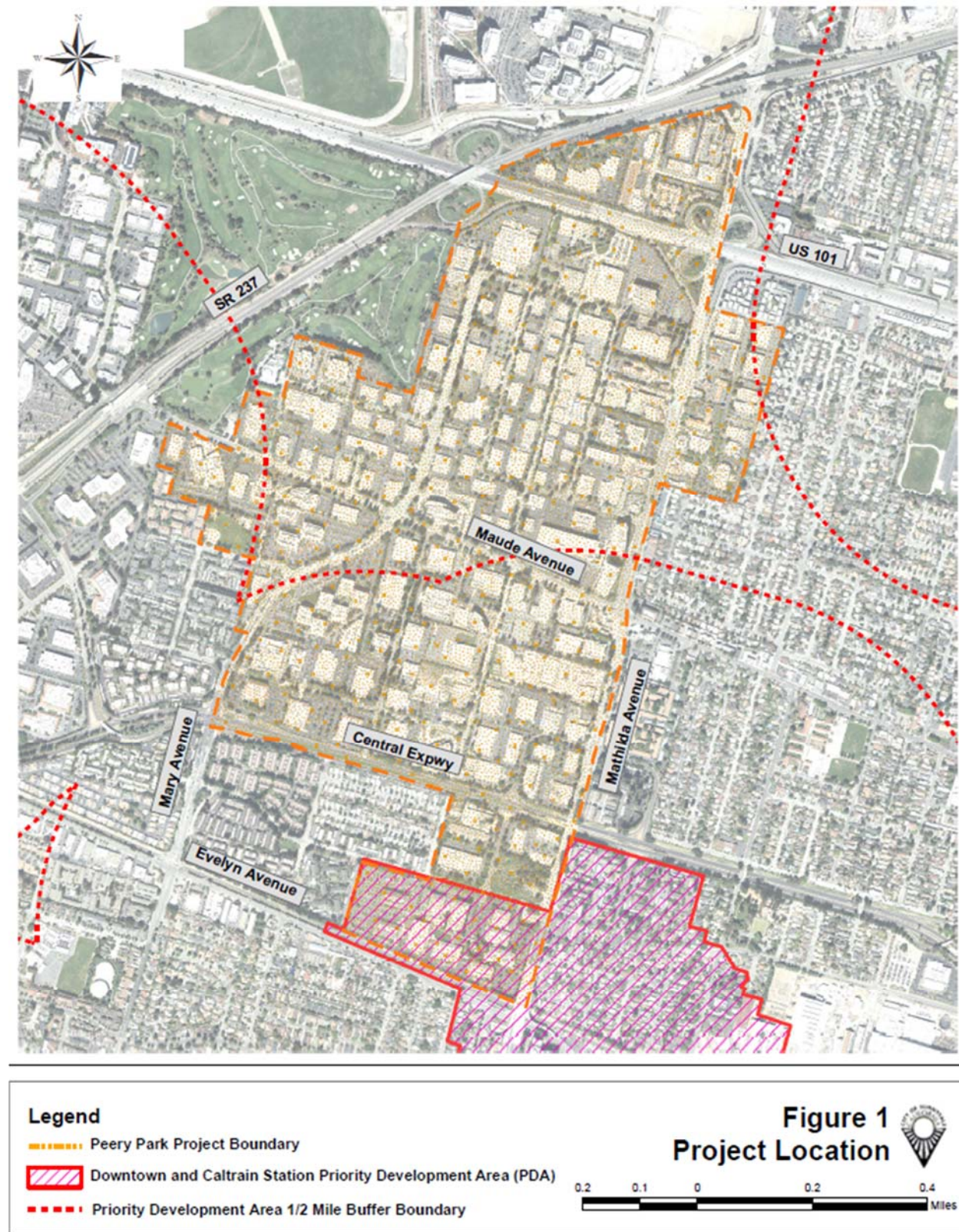
Attachment A: Complete Streets Checklists

Sunnyvale Roadway Pavement Rehabilitation: Sunnyvale-Saratoga Preventative

	If the proposed project incorporates bicycle or pedestrian improvements, what proportion is the bicycle and/or pedestrian facility of the total project cost?	
	If right-of-way challenges are the reason for the hindrance, please explain the analysis that led to this conclusion.	
9a	How will access for bicyclists and pedestrians be maintained during project construction?	Alternative signed bicycle route
		Alternative signed pedestrian route
		Separated pedestrian pathway
		Other
	Other	
10a	What agency will be responsible for ongoing maintenance of the facility?	Sunnyvale
10b	How will ongoing maintenance be budgeted?	Annually

PROJECT TITLE	Peery Park Sense of Place Improvements
PROJECT SUMMARY	Location Pastoria Avenue, Mathilda Avenue, Mary Avenue, Almanor Avenue, Maude Avenue
	Limits Area largely bounded by Mathilda Avenue, SR 237, and Central Expressway
	Detailed Description The draft Peery Park Specific Plan developed through a collaboration of the community and City representatives was published for public review in April 2016. The area is roughly bounded by SR237 to the north and west, Mathilda Avenue to the east, and Central Expressway to the south. The plan provides guidance on development for the area dominated by businesses and office buildings. The improvements described in the plan will allow for greater flexibility in travel modes to, from, and within the area. Funding from the One Bay Area Grant program is requested for the following improvements included in the Peery Park Specific Plan: <ul style="list-style-type: none"> • Bike Lanes on Mathilda Avenue, Mary Avenue, Almanor Avenue, Maude Avenue including colored bike lanes at conflict points • Transit Stop Upgrades throughout the plan area • Pastoria Avenue and Potrero Avenue sidewalk installations • Crosswalk upgrades at six intersection locations including ADA-compliant curb ramps • Curb extensions at intersections to reduce speeds and crossing distances. See Figure 2 Gap Closure Map for planned improvements.

Attachment A
Complete Streets Checklist: Peery Park Sense of Place Improvements



Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Mathilda Ave Crosswalk&BikeLane

	Name	Mathilda Avenue - Crosswalk and Bicycle Lane Improvements
	Description	Install enhanced crosswalks at 5 intersections within Peery Park boundary. Install bicycle lanes and enhancements.
	Status	Approved
	Project	Peery Park Sense of Place Improvements
	Location	Sunnyvale
	Contact Name	Shahid Abbas
	Contact Email	sabbas@sunnyvale.ca.gov
	Contact Phone	4087307330
	Contact Address	456 W. Olive Ave., Sunnyvale, CA 94086
1a	What bicycle and pedestrian accommodations are currently included on the facility or on facilities it intersects or crosses? Please check all that apply.	<input type="checkbox"/> Class I bicycle paths <input checked="" type="checkbox"/> Class II bicycle lanes <input type="checkbox"/> Class III bicycle routes <input type="checkbox"/> Class IV bikeways <input type="checkbox"/> Bicycle boxes <input type="checkbox"/> Raised separated bikeways <input type="checkbox"/> Bicycle Boulevards <input type="checkbox"/> Bicycle parking <input type="checkbox"/> Sidewalks on one side or both sides of street <input checked="" type="checkbox"/> Marked crosswalks <input type="checkbox"/> Protected intersection <input type="checkbox"/> Painted conflict zones <input type="checkbox"/> Narrow unpaved path <input type="checkbox"/> Pedestrian-actuated traffic signals or routine pedestrian cycle <input type="checkbox"/> Bulb-outs <input type="checkbox"/> Bicycle actuated traffic signals or routine bicyclist cycle <input type="checkbox"/> High visibility crosswalks <input type="checkbox"/> Pedestrian-level lighting <input checked="" type="checkbox"/> ADA-compliant ramps <input type="checkbox"/> Traffic signal push buttons <input type="checkbox"/> Refuge islands on roadways <input type="checkbox"/> Transit shelter <input type="checkbox"/> Wide curb lanes <input type="checkbox"/> Right turn only lanes <input type="checkbox"/> Transit vehicle stops <input type="checkbox"/> Pedestrian countdown signals <input type="checkbox"/> Way-finding or directional signage <input type="checkbox"/> None
	Other	
	Please provide specifics of any items checked above.	
1b	If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest parallel bikeways and walkways?	<input type="checkbox"/> 0-1/4 mile <input type="checkbox"/> 1/4 mile to 1/2 mile <input type="checkbox"/> 1/2 mile to 1 mile <input type="checkbox"/> 1+ mile

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Mathilda Ave Crosswalk&BikeLane

1c	Please indicate needed pedestrian, bicycle, or transit improvements in the project area that staff or the public have identified	Improved lighting
		sidewalks
		Improve intersections
		Mid-block crossings
		Accommodations for the elderly or disabled or school age children
		School age children
		Transit shelters
		ADA facilities
		Widened curb lanes
		Bicycle parking
		Traffic signals responsive to bicycles
		Shorter vehicular traffic signal cycles
		Addressing choke points or gaps in pedestrian or bicycle
		RR crossings
		Bike racks on busses
		Widened or better-lit under crossings
		Removed slip lanes
Right turn only lanes		
None		
	Other	
1d	Please describe the overall context of the project area:	Mathilda Avenue is a six-lane 45 MPH roadway
1e	What existing challenges could the proposed project improve for bicycle, pedestrian, or transit travel in the vicinity of the proposed project?	Unresponsive signals to bicycles
		Lack of bicycle parking
		Freeway on-off ramps
		Narrow curb lanes
		Choke points
		RR crossings
		No bike racks on buses
		Wide roadway crossings
		Long signal cycles which require pedestrians to wait long periods of time
		Short signal crossing times
		Narrow undercrossings, overcrossings
		Slip lanes
		Sidewalk obstruction or missing sidewalk
		Pedestrian-level lighting
		Lack of ADA compliant facilities
		Lack of Transit vehicle stops
	Other	Gap in bicycle lanes
2a	What trip generators (existing and future) are in the vicinity of the proposed project that might attract walking or bicycling customers, employees, students, visitors or others?	Educational institutions
		Transit stations
		Senior centers
		High-density land uses
		Downtowns
		Shopping areas
		Medical centers
		Major public venues
		Government buildings
		Parks
	Other	

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Mathilda Ave Crosswalk&BikeLane

3a	Have you considered collisions involving bicyclists and pedestrians along the route of the facility?	Yes
	If so, please provide the number of collisions and describe the outcomes of each:	There were a total of 5 bicycle or pedestrian collisions with 4 collisions causing injury during the previous 5 years
	If so, what resources have you consulted?	Crossroads
4a	Do any adopted plans call for the development of bicycle or pedestrian facilities on, crossing or adjacent to the proposed facility/project?	City or town bicycle plan Countywide bicycle plan City or town pedestrian plan Countywide pedestrian plan Combined bicycle and pedestrian plan ADA transition plan General plan Specific plan Regional transportation Plan Sales tax expenditure plan Station area access plan No plans
	Other	
	Is the proposed project consistent with these plans?	Yes
5a	Do any local, statewide or federal policies call for incorporating bicycle and/or pedestrian facilities into this project?	Caltrans Deputy Directive 64 Caltrans Highway Design Manual (Chapter 1000) ACR 211 MUTCD 2003 MUTCD California supplement Americans with Disabilities Act Accessibility Guidelines (ADAAG) MTC Pedestrian Districts Study None more
	Other	
	If so, have the policies been followed?	Yes
5b	N/A	Yes
5c	If this project includes a bicycle and/or pedestrian facility, which applicable design standards or guidelines have been followed?	AASHTO bicycle and pedestrian design guides Americans with Disabilities Act Accessibility Guidelines Caltrans Design Information Bulletin 89 Caltrans Highway Design Manual Caltrans California MUTCD Caltrans Pedestrian and Bicycle Facilities in California FHWA MUTCD ITE Designing Urban Walkable Thoroughfares NACTO Urban Bikeway Design Guide N/A - no bicycle or pedestrian facilities included None

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Mathilda Ave Crosswalk&BikeLane

6a	What comments have been made regarding bicycle and pedestrian accommodations at BPAC, stakeholder, or public meetings at which the proposed project has been discussed?	At community meetings, the public expressed interest in walking / biking / transit improvements.
	How have you responded to comments received?	Included community's priorities in project plans.
7a	What accommodations, if any, are included for bicyclists and pedestrians in the proposed project design?	Class I bicycle paths Class II bicycle lanes Class III bicycle routes Class IV bikeways Bicycle boxes Raised separated bikeways Bicycle Boulevards Bicycle parking Sidewalks on one side or both sides of street Widened sidewalks Marked crosswalks Protected intersection Painted conflict zones Narrow unpaved path Pedestrian-actuated traffic signals or routine pedestrian cycle Bulb-out Bicycle actuated traffic signals or routine bicyclist cycle High visibility crosswalks Pedestrian-level lighting ADA-compliant ramps Traffic signal push buttons Refuge islands on roadways Transit shelters Wide curb lanes Right turn only lanes Transit vehicle stops Pedestrian countdown signals Way-finding or directional signage None
	Other	
8a	Will the proposed project remove an existing bicycle or pedestrian facility or block or hinder bicycle or pedestrian movement?	No
	If yes, please describe situation in detail.	
8b	If the proposed project incorporates neither bicycle nor pedestrian facilities, or if the proposed project would hinder bicycle or pedestrian travel, list reasons why the project cannot be re-designed to accommodate these facilities.	
	Was a road diet or car parking removal considered?	
	What would be the cost of the added bicycle and/or pedestrian facility?	100

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Mathilda Ave Crosswalk&BikeLane

	If the proposed project incorporates bicycle or pedestrian improvements, what proportion is the bicycle and/or pedestrian facility of the total project cost?	
	If right-of-way challenges are the reason for the hindrance, please explain the analysis that led to this conclusion.	
9a	How will access for bicyclists and pedestrians be maintained during project construction?	Alternative signed bicycle route
		Alternative signed pedestrian route
		Separated pedestrian pathway
		Other
	Other	
10a	What agency will be responsible for ongoing maintenance of the facility?	Sunnyvale
10b	How will ongoing maintenance be budgeted?	Annually

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Maude Ave Bike and Ped Improve.

	Name	Maude Avenue - Bicycle and Pedestrian Improvements
	Description	Add enhanced crosswalks at Maude Avenue/Pastoria Avenue & Maude Avenue/Mathilda Avenue. Install new enhanced bicycle lanes.
	Status	Approved
	Project	Peery Park Sense of Place Improvements
	Location	Sunnyvale
	Contact Name	Shahid Abbas
	Contact Email	sabbas@sunnyvale.ca.gov
	Contact Phone	4087307330
	Contact Address	456 W. Olive Ave., Sunnyvale, CA 94086
1a	What bicycle and pedestrian accommodations are currently included on the facility or on facilities it intersects or crosses? Please check all that apply.	<input type="checkbox"/> Class I bicycle paths <input checked="" type="checkbox"/> Class II bicycle lanes <input type="checkbox"/> Class III bicycle routes <input type="checkbox"/> Class IV bikeways <input type="checkbox"/> Bicycle boxes <input type="checkbox"/> Raised separated bikeways <input type="checkbox"/> Bicycle Boulevards <input type="checkbox"/> Bicycle parking <input checked="" type="checkbox"/> Sidewalks on one side or both sides of street <input checked="" type="checkbox"/> Marked crosswalks <input type="checkbox"/> Protected intersection <input type="checkbox"/> Painted conflict zones <input type="checkbox"/> Narrow unpaved path <input type="checkbox"/> Pedestrian-actuated traffic signals or routine pedestrian cycle <input type="checkbox"/> Bulb-outs <input type="checkbox"/> Bicycle actuated traffic signals or routine bicyclist cycle <input type="checkbox"/> High visibility crosswalks <input type="checkbox"/> Pedestrian-level lighting <input type="checkbox"/> ADA-compliant ramps <input type="checkbox"/> Traffic signal push buttons <input type="checkbox"/> Refuge islands on roadways <input type="checkbox"/> Transit shelter <input type="checkbox"/> Wide curb lanes <input type="checkbox"/> Right turn only lanes <input type="checkbox"/> Transit vehicle stops <input type="checkbox"/> Pedestrian countdown signals <input type="checkbox"/> Way-finding or directional signage <input type="checkbox"/> None
	Other	
	Please provide specifics of any items checked above.	
1b	If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest parallel bikeways and walkways?	<input type="checkbox"/> 0-1/4 mile <input type="checkbox"/> 1/4 mile to 1/2 mile <input type="checkbox"/> 1/2 mile to 1 mile <input type="checkbox"/> 1+ mile

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Maude Ave Bike and Ped Improve.

1c	Please indicate needed pedestrian, bicycle, or transit improvements in the project area that staff or the public have identified	Improved lighting
		sidewalks
		Improve intersections
		Mid-block crossings
		Accommodations for the elderly or disabled or school age children
		School age children
		Transit shelters
		ADA facilities
		Widened curb lanes
		Bicycle parking
		Traffic signals responsive to bicycles
		Shorter vehicular traffic signal cycles
		Addressing choke points or gaps in pedestrian or bicycle
		RR crossings
		Bike racks on busses
		Widened or better-lit under crossings
		Removed slip lanes
Right turn only lanes		
None		
	Other	
1d	Please describe the overall context of the project area:	Maude Avenue is a four lane 35 MPH roadway
1e	What existing challenges could the proposed project improve for bicycle, pedestrian, or transit travel in the vicinity of the proposed project?	Unresponsive signals to bicycles
		Lack of bicycle parking
		Freeway on-off ramps
		Narrow curb lanes
		Choke points
		RR crossings
		No bike racks on buses
		Wide roadway crossings
		Long signal cycles which require pedestrians to wait long periods of time
		Short signal crossing times
		Narrow undercrossings, overcrossings
		Slip lanes
		Sidewalk obstruction or missing sidewalk
		Pedestrian-level lighting
Lack of ADA compliant facilities		
Lack of Transit vehicle stops		
	Other	Gap in bicycle facilities
2a	What trip generators (existing and future) are in the vicinity of the proposed project that might attract walking or bicycling customers, employees, students, visitors or others?	Educational institutions
		Transit stations
		Senior centers
		High-density land uses
		Downtowns
		Shopping areas
		Medical centers
		Major public venues
		Government buildings
		Parks
	Other	

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Maude Ave Bike and Ped Improve.

3a	Have you considered collisions involving bicyclists and pedestrians along the route of the facility?	Yes
	If so, please provide the number of collisions and describe the outcomes of each:	There were 2 collisions involving bicycles in the previous 5 years, 1 caused an injury.
	If so, what resources have you consulted?	Crossroads
4a	Do any adopted plans call for the development of bicycle or pedestrian facilities on, crossing or adjacent to the proposed facility/project?	City or town bicycle plan
		Countywide bicycle plan
		City or town pedestrian plan
		Countywide pedestrian plan
		Combined bicycle and pedestrian plan
		ADA transition plan
		General plan
		Specific plan
		Regional transportation Plan
		Sales tax expenditure plan
		Station area access plan
		No plans
	Other	
	Is the proposed project consistent with these plans?	Yes
5a	Do any local, statewide or federal policies call for incorporating bicycle and/or pedestrian facilities into this project?	Caltrans Deputy Directive 64
		Caltrans Highway Design Manual (Chapter 1000)
		ACR 211
		MUTCD 2003
		MUTCD California supplement
		Americans with Disabilities Act Accessibility Guidelines (ADAAG)
		MTC Pedestrian Districts Study
		None
		more
	Other	
	If so, have the policies been followed?	Yes
5b	N/A	Yes
5c	If this project includes a bicycle and/or pedestrian facility, which applicable design standards or guidelines have been followed?	AASHTO bicycle and pedestrian design guides
		Americans with Disabilities Act Accessibility Guidelines
		Caltrans Design Information Bulletin 89
		Caltrans Highway Design Manual
		Caltrans California MUTCD
		Caltrans Pedestrian and Bicycle Facilities in California
		FHWA MUTCD
		ITE Designing Urban Walkable Thoroughfares
		NACTO Urban Bikeway Design Guide
		N/A - no bicycle or pedestrian facilities included
		None

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Maude Ave Bike and Ped Improve.

6a	What comments have been made regarding bicycle and pedestrian accommodations at BPAC, stakeholder, or public meetings at which the proposed project has been discussed?	At an outreach meeting, residents wanted improvements that focused on walking, biking, and transit
	How have you responded to comments received?	Community's priorities are included in the project plans.
7a	What accommodations, if any, are included for bicyclists and pedestrians in the proposed project design?	Class I bicycle paths Class II bicycle lanes Class III bicycle routes Class IV bikeways Bicycle boxes Raised separated bikeways Bicycle Boulevards Bicycle parking Sidewalks on one side or both sides of street Widened sidewalks Marked crosswalks Protected intersection Painted conflict zones Narrow unpaved path Pedestrian-actuated traffic signals or routine pedestrian cycle Bulb-out Bicycle actuated traffic signals or routine bicyclist cycle High visibility crosswalks Pedestrian-level lighting ADA-compliant ramps Traffic signal push buttons Refuge islands on roadways Transit shelters Wide curb lanes Right turn only lanes Transit vehicle stops Pedestrian countdown signals Way-finding or directional signage None
	Other	
8a	Will the proposed project remove an existing bicycle or pedestrian facility or block or hinder bicycle or pedestrian movement?	No
	If yes, please describe situation in detail.	
8b	If the proposed project incorporates neither bicycle nor pedestrian facilities, or if the proposed project would hinder bicycle or pedestrian travel, list reasons why the project cannot be re-designed to accommodate these facilities.	
	Was a road diet or car parking removal considered?	
	What would be the cost of the added bicycle and/or pedestrian facility?	

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Maude Ave Bike and Ped Improve.

	If the proposed project incorporates bicycle or pedestrian improvements, what proportion is the bicycle and/or pedestrian facility of the total project cost?	100
	If right-of-way challenges are the reason for the hindrance, please explain the analysis that led to this conclusion.	
9a	How will access for bicyclists and pedestrians be maintained during project construction?	Alternative signed bicycle route
		Alternative signed pedestrian route
		Separated pedestrian pathway
		Other
	Other	
10a	What agency will be responsible for ongoing maintenance of the facility?	Sunnyvale
10b	How will ongoing maintenance be budgeted?	Annually

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Almanor Ave. Bike Lane Improve.

	Name	Almanor Avenue - Bicycle Lane Improvements
	Description	Add enhanced bicycle lanes within project boundary.
	Status	Approved
	Project	Peery Park Sense of Place Improvements
	Location	Sunnyvale
	Contact Name	Shahid Abbas
	Contact Email	sabbas@sunnyvale.ca.gov
	Contact Phone	4087307330
	Contact Address	456 W. Olive Ave., Sunnyvale, CA 94086
1a	What bicycle and pedestrian accommodations are currently included on the facility or on facilities it intersects or crosses? Please check all that apply.	Class I bicycle paths
		Class II bicycle lanes
		Class III bicycle routes
		Class IV bikeways
		Bicycle boxes
		Raised separated bikeways
		Bicycle Boulevards
		Bicycle parking
		Sidewalks on one side or both sides of street
		Marked crosswalks
		Protected intersection
		Painted conflict zones
		Narrow unpaved path
		Pedestrian-actuated traffic signals or routine pedestrian cycle
		Bulb-outs
		Bicycle actuated traffic signals or routine bicyclist cycle
		High visibility crosswalks
		Pedestrian-level lighting
		ADA-compliant ramps
		Traffic signal push buttons
		Refuge islands on roadways
		Transit shelter
		Wide curb lanes
		Right turn only lanes
		Transit vehicle stops
		Pedestrian countdown signals
Way-finding or directional signage		
	None	
	Other	
	Please provide specifics of any items checked above.	
1b	If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest parallel bikeways and walkways?	0-1/4 mile
		1/4 mile to 1/2 mile
		1/2 mile to 1 mile
		1+ mile

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Almanor Ave. Bike Lane Improve.

1c	Please indicate needed pedestrian, bicycle, or transit improvements in the project area that staff or the public have identified	Improved lighting
		sidewalks
		Improve intersections
		Mid-block crossings
		Accommodations for the elderly or disabled or school age children
		School age children
		Transit shelters
		ADA facilities
		Widened curb lanes
		Bicycle parking
		Traffic signals responsive to bicycles
		Shorter vehicular traffic signal cycles
		Addressing choke points or gaps in pedestrian or bicycle
		RR crossings
		Bike racks on busses
		Widened or better-lit under crossings
		Removed slip lanes
Right turn only lanes		
None		
	Other	
1d	Please describe the overall context of the project area:	Almanor Avenue is a two-lane roadway with a 30 MPH speed limit.
1e	What existing challenges could the proposed project improve for bicycle, pedestrian, or transit travel in the vicinity of the proposed project?	Unresponsive signals to bicycles
		Lack of bicycle parking
		Freeway on-off ramps
		Narrow curb lanes
		Choke points
		RR crossings
		No bike racks on buses
		Wide roadway crossings
		Long signal cycles which require pedestrians to wait long periods of time
		Short signal crossing times
		Narrow undercrossings, overcrossings
		Slip lanes
		Sidewalk obstruction or missing sidewalk
		Pedestrian-level lighting
		Lack of ADA compliant facilities
		Lack of Transit vehicle stops
2a	What trip generators (existing and future) are in the vicinity of the proposed project that might attract walking or bicycling customers, employees, students, visitors or others?	Educational institutions
		Transit stations
		Senior centers
		High-density land uses
		Downtowns
		Shopping areas
		Medical centers
		Major public venues
		Government buildings
		Parks
	Other	

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Almanor Ave. Bike Lane Improve.

3a	Have you considered collisions involving bicyclists and pedestrians along the route of the facility?	Yes
	If so, please provide the number of collisions and describe the outcomes of each:	There were no collisions involving bicyclists in the previous 5 years
	If so, what resources have you consulted?	Crossroads
4a	Do any adopted plans call for the development of bicycle or pedestrian facilities on, crossing or adjacent to the proposed facility/project?	City or town bicycle plan
		Countywide bicycle plan
		City or town pedestrian plan
		Countywide pedestrian plan
		Combined bicycle and pedestrian plan
		ADA transition plan
		General plan
		Specific plan
		Regional transportation Plan
		Sales tax expenditure plan
		Station area access plan
		No plans
	Other	
	Is the proposed project consistent with these plans?	Yes
5a	Do any local, statewide or federal policies call for incorporating bicycle and/or pedestrian facilities into this project?	Caltrans Deputy Directive 64
		Caltrans Highway Design Manual (Chapter 1000)
		ACR 211
		MUTCD 2003
		MUTCD California supplement
		Americans with Disabilities Act Accessibility Guidelines (ADAAG)
		MTC Pedestrian Districts Study
		None
		more
	Other	
	If so, have the policies been followed?	Yes
5b	N/A	Yes
5c	If this project includes a bicycle and/or pedestrian facility, which applicable design standards or guidelines have been followed?	AASHTO bicycle and pedestrian design guides
		Americans with Disabilities Act Accessibility Guidelines
		Caltrans Design Information Bulletin 89
		Caltrans Highway Design Manual
		Caltrans California MUTCD
		Caltrans Pedestrian and Bicycle Facilities in California
		FHWA MUTCD
		ITE Designing Urban Walkable Thoroughfares
		NACTO Urban Bikeway Design Guide
		N/A - no bicycle or pedestrian facilities included
		None

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Almanor Ave. Bike Lane Improve.

6a	What comments have been made regarding bicycle and pedestrian accommodations at BPAC, stakeholder, or public meetings at which the proposed project has been discussed?	At a community meeting, the public wanted improvements to focus on walking, biking, and transit.
	How have you responded to comments received?	The community's priorities were included in the project plans.
7a	What accommodations, if any, are included for bicyclists and pedestrians in the proposed project design?	Class I bicycle paths Class II bicycle lanes Class III bicycle routes Class IV bikeways Bicycle boxes Raised separated bikeways Bicycle Boulevards Bicycle parking Sidewalks on one side or both sides of street Widened sidewalks Marked crosswalks Protected intersection Painted conflict zones Narrow unpaved path Pedestrian-actuated traffic signals or routine pedestrian cycle Bulb-out Bicycle actuated traffic signals or routine bicyclist cycle High visibility crosswalks Pedestrian-level lighting ADA-compliant ramps Traffic signal push buttons Refuge islands on roadways Transit shelters Wide curb lanes Right turn only lanes Transit vehicle stops Pedestrian countdown signals Way-finding or directional signage None
	Other	
8a	Will the proposed project remove an existing bicycle or pedestrian facility or block or hinder bicycle or pedestrian movement?	No
	If yes, please describe situation in detail.	
8b	If the proposed project incorporates neither bicycle nor pedestrian facilities, or if the proposed project would hinder bicycle or pedestrian travel, list reasons why the project cannot be re-designed to accommodate these facilities.	
	Was a road diet or car parking removal considered?	
	What would be the cost of the added bicycle and/or pedestrian facility?	

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Almanor Ave. Bike Lane Improve.

	If the proposed project incorporates bicycle or pedestrian improvements, what proportion is the bicycle and/or pedestrian facility of the total project cost?	100
	If right-of-way challenges are the reason for the hindrance, please explain the analysis that led to this conclusion.	
9a	How will access for bicyclists and pedestrians be maintained during project construction?	Alternative signed bicycle route
		Alternative signed pedestrian route
		Separated pedestrian pathway
		Other
	Other	
10a	What agency will be responsible for ongoing maintenance of the facility?	Sunnyvale
10b	How will ongoing maintenance be budgeted?	Annually

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Mary Ave Bike Improvements

	Name	Mary Avenue - Bicycle Improvements
	Description	Bicycle lanes will be added and enhanced
	Status	Approved
	Project	Peery Park Sense of Place Improvements
	Location	Sunnyvale
	Contact Name	Shahid Abbas
	Contact Email	sabbas@sunnyvale.ca.gov
	Contact Phone	4087307330
	Contact Address	456 W. Olive Ave., Sunnyvale, CA 94086
1a	What bicycle and pedestrian accommodations are currently included on the facility or on facilities it intersects or crosses? Please check all that apply.	Class I bicycle paths
		Class II bicycle lanes
		Class III bicycle routes
		Class IV bikeways
		Bicycle boxes
		Raised separated bikeways
		Bicycle Boulevards
		Bicycle parking
		Sidewalks on one side or both sides of street
		Marked crosswalks
		Protected intersection
		Painted conflict zones
		Narrow unpaved path
		Pedestrian-actuated traffic signals or routine pedestrian cycle
		Bulb-outs
		Bicycle actuated traffic signals or routine bicyclist cycle
		High visibility crosswalks
		Pedestrian-level lighting
		ADA-compliant ramps
		Traffic signal push buttons
		Refuge islands on roadways
		Transit shelter
		Wide curb lanes
		Right turn only lanes
		Transit vehicle stops
		Pedestrian countdown signals
Way-finding or directional signage		
	None	
	Other	
	Please provide specifics of any items checked above.	
1b	If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest parallel bikeways and walkways?	0-1/4 mile
		1/4 mile to 1/2 mile
		1/2 mile to 1 mile
		1+ mile

Attachment A: Complete Streets Checklists
Sunnyvale Peery Park Sense of Place Improvements: Mary Ave Bike Improvements

1c	Please indicate needed pedestrian, bicycle, or transit improvements in the project area that staff or the public have identified	Improved lighting		
		sidewalks		
		Improve intersections		
		Mid-block crossings		
		Accommodations for the elderly or disabled or school age children		
		School age children		
		Transit shelters		
		ADA facilities		
		Widened curb lanes		
		Bicycle parking		
		Traffic signals responsive to bicycles		
		Shorter vehicular traffic signal cycles		
		Addressing choke points or gaps in pedestrian or bicycle		
		RR crossings		
		Bike racks on busses		
		Widened or better-lit under crossings		
		1e	What existing challenges could the proposed project improve for bicycle, pedestrian, or transit travel in the vicinity of the proposed project?	Removed slip lanes
Right turn only lanes				
None				
Other				
1d	Please describe the overall context of the project area:			Mary Avenue is a four-lane roadway with a speed limit of 35 MPH
1e	What existing challenges could the proposed project improve for bicycle, pedestrian, or transit travel in the vicinity of the proposed project?			Unresponsive signals to bicycles
				Lack of bicycle parking
				Freeway on-off ramps
				Narrow curb lanes
				Choke points
				RR crossings
				No bike racks on buses
				Wide roadway crossings
				Long signal cycles which require pedestrians to wait long periods of time
				Short signal crossing times
		Narrow undercrossings, overcrossings		
		Slip lanes		
		Sidewalk obstruction or missing sidewalk		
		Pedestrian-level lighting		
		Lack of ADA compliant facilities		
		Lack of Transit vehicle stops		
		2a	What trip generators (existing and future) are in the vicinity of the proposed project that might attract walking or bicycling customers, employees, students, visitors or others?	Other
Gap in bicycle facilities				
Educational institutions				
Transit stations				
Senior centers				
High-density land uses				
Downtowns				
Shopping areas				
Medical centers				
Major public venues				
Government buildings				
Parks				
Other				

Attachment A: Complete Streets Checklists
Sunnyvale Peery Park Sense of Place Improvements: Mary Ave Bike Improvements

3a	Have you considered collisions involving bicyclists and pedestrians along the route of the facility?	Yes
	If so, please provide the number of collisions and describe the outcomes of each:	There were 2 bicycle collisions involving 2 injuries during the previous 5 years.
	If so, what resources have you consulted?	
4a	Do any adopted plans call for the development of bicycle or pedestrian facilities on, crossing or adjacent to the proposed facility/project?	City or town bicycle plan Countywide bicycle plan City or town pedestrian plan Countywide pedestrian plan Combined bicycle and pedestrian plan ADA transition plan General plan Specific plan Regional transportation Plan Sales tax expenditure plan Station area access plan No plans
	Other	
	Is the proposed project consistent with these plans?	Yes
5a	Do any local, statewide or federal policies call for incorporating bicycle and/or pedestrian facilities into this project?	Caltrans Deputy Directive 64 Caltrans Highway Design Manual (Chapter 1000) ACR 211 MUTCD 2003 MUTCD California supplement Americans with Disabilities Act Accessibility Guidelines (ADAAG) MTC Pedestrian Districts Study None more
	Other	
	If so, have the policies been followed?	Yes
5b	N/A	Yes
5c	If this project includes a bicycle and/or pedestrian facility, which applicable design standards or guidelines have been followed?	AASHTO bicycle and pedestrian design guides Americans with Disabilities Act Accessibility Guidelines Caltrans Design Information Bulletin 89 Caltrans Highway Design Manual Caltrans California MUTCD Caltrans Pedestrian and Bicycle Facilities in California FHWA MUTCD ITE Designing Urban Walkable Thoroughfares NACTO Urban Bikeway Design Guide N/A - no bicycle or pedestrian facilities included None

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Mary Ave Bike Improvements

6a	What comments have been made regarding bicycle and pedestrian accommodations at BPAC, stakeholder, or public meetings at which the proposed project has been discussed?	At a community outreach meeting, the public wanted improvements that focused on walking, biking, and transit.
	How have you responded to comments received?	Included community's priorities in project plans.
7a	What accommodations, if any, are included for bicyclists and pedestrians in the proposed project design?	Class I bicycle paths Class II bicycle lanes Class III bicycle routes Class IV bikeways Bicycle boxes Raised separated bikeways Bicycle Boulevards Bicycle parking Sidewalks on one side or both sides of street Widened sidewalks Marked crosswalks Protected intersection Painted conflict zones Narrow unpaved path Pedestrian-actuated traffic signals or routine pedestrian cycle Bulb-out Bicycle actuated traffic signals or routine bicyclist cycle High visibility crosswalks Pedestrian-level lighting ADA-compliant ramps Traffic signal push buttons Refuge islands on roadways Transit shelters Wide curb lanes Right turn only lanes Transit vehicle stops Pedestrian countdown signals Way-finding or directional signage None
	Other	
8a	Will the proposed project remove an existing bicycle or pedestrian facility or block or hinder bicycle or pedestrian movement?	No
	If yes, please describe situation in detail.	
8b	If the proposed project incorporates neither bicycle nor pedestrian facilities, or if the proposed project would hinder bicycle or pedestrian travel, list reasons why the project cannot be re-designed to accommodate these facilities.	
	Was a road diet or car parking removal considered?	
	What would be the cost of the added bicycle and/or pedestrian facility?	

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Mary Ave Bike Improvements

	If the proposed project incorporates bicycle or pedestrian improvements, what proportion is the bicycle and/or pedestrian facility of the total project cost?	100
	If right-of-way challenges are the reason for the hindrance, please explain the analysis that led to this conclusion.	
9a	How will access for bicyclists and pedestrians be maintained during project construction?	Alternative signed bicycle route
		Alternative signed pedestrian route
		Separated pedestrian pathway
		Other
	Other	
10a	What agency will be responsible for ongoing maintenance of the facility?	Sunnyvale
10b	How will ongoing maintenance be budgeted?	Annually

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Pastoria Ave Ped Improvements

	Name	Pastoria Avenue - Pedestrian Improvements
	Description	Install sidewalks on both sides of street in project area including crosswalk enhancements at Pastoria Avenue and Maude Avenue
	Status	Approved
	Project	Peery Park Sense of Place Improvements
	Location	Sunnyvale
	Contact Name	Shahid Abbas
	Contact Email	sabbas@sunnyvale.ca.gov
	Contact Phone	4087307330
	Contact Address	456 W. Olive Ave., Sunnyvale, CA 94086
1a	What bicycle and pedestrian accommodations are currently included on the facility or on facilities it intersects or crosses? Please check all that apply.	<input type="checkbox"/> Class I bicycle paths <input type="checkbox"/> Class II bicycle lanes <input type="checkbox"/> Class III bicycle routes <input type="checkbox"/> Class IV bikeways <input type="checkbox"/> Bicycle boxes <input type="checkbox"/> Raised separated bikeways <input type="checkbox"/> Bicycle Boulevards <input type="checkbox"/> Bicycle parking <input type="checkbox"/> Sidewalks on one side or both sides of street <input type="checkbox"/> Marked crosswalks <input type="checkbox"/> Protected intersection <input type="checkbox"/> Painted conflict zones <input type="checkbox"/> Narrow unpaved path <input type="checkbox"/> Pedestrian-actuated traffic signals or routine pedestrian cycle <input type="checkbox"/> Bulb-outs <input type="checkbox"/> Bicycle actuated traffic signals or routine bicyclist cycle <input type="checkbox"/> High visibility crosswalks <input type="checkbox"/> Pedestrian-level lighting <input type="checkbox"/> ADA-compliant ramps <input type="checkbox"/> Traffic signal push buttons <input type="checkbox"/> Refuge islands on roadways <input type="checkbox"/> Transit shelter <input type="checkbox"/> Wide curb lanes <input type="checkbox"/> Right turn only lanes <input type="checkbox"/> Transit vehicle stops <input type="checkbox"/> Pedestrian countdown signals <input type="checkbox"/> Way-finding or directional signage <input type="checkbox"/> None
	Other	
	Please provide specifics of any items checked above.	
1b	If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest parallel bikeways and walkways?	<input type="checkbox"/> 0-1/4 mile <input type="checkbox"/> 1/4 mile to 1/2 mile <input type="checkbox"/> 1/2 mile to 1 mile <input type="checkbox"/> 1+ mile

Attachment A: Complete Streets Checklists
Sunnyvale Peery Park Sense of Place Improvements: Pastoria Ave Ped Improvements

1c	Please indicate needed pedestrian, bicycle, or transit improvements in the project area that staff or the public have identified	Improved lighting
		sidewalks
		Improve intersections
		Mid-block crossings
		Accommodations for the elderly or disabled or school age children
		School age children
		Transit shelters
		ADA facilities
		Widened curb lanes
		Bicycle parking
		Traffic signals responsive to bicycles
		Shorter vehicular traffic signal cycles
		Addressing choke points or gaps in pedestrian or bicycle
		RR crossings
		Bike racks on busses
		Widened or better-lit under crossings
		Right turn only lanes
		None
	Other	
1d	Please describe the overall context of the project area:	Pastoria Avenue is a two-lane 25 MPH roadway
1e	What existing challenges could the proposed project improve for bicycle, pedestrian, or transit travel in the vicinity of the proposed project?	Unresponsive signals to bicycles
		Lack of bicycle parking
		Freeway on-off ramps
		Narrow curb lanes
		Choke points
		RR crossings
		No bike racks on buses
		Wide roadway crossings
		Long signal cycles which require pedestrians to wait long periods of time
		Short signal crossing times
		Narrow undercrossings, overcrossings
		Slip lanes
		Sidewalk obstruction or missing sidewalk
		Pedestrian-level lighting
		Lack of ADA compliant facilities
		Lack of Transit vehicle stops
	Other	
2a	What trip generators (existing and future) are in the vicinity of the proposed project that might attract walking or bicycling customers, employees, students, visitors or others?	Educational institutions
		Transit stations
		Senior centers
		High-density land uses
		Downtowns
		Shopping areas
		Medical centers
		Major public venues
		Government buildings
		Parks
	Other	

Attachment A: Complete Streets Checklists
Sunnyvale Peery Park Sense of Place Improvements: Pastoria Ave Ped Improvements

3a	Have you considered collisions involving bicyclists and pedestrians along the route of the facility?	Yes
	If so, please provide the number of collisions and describe the outcomes of each:	There was one injury collision involving a pedestrian on Pastoria Avenue in the previous 5 years
	If so, what resources have you consulted?	Crossroads
4a	Do any adopted plans call for the development of bicycle or pedestrian facilities on, crossing or adjacent to the proposed facility/project?	City or town bicycle plan Countywide bicycle plan City or town pedestrian plan Countywide pedestrian plan Combined bicycle and pedestrian plan ADA transition plan General plan Specific plan Regional transportation Plan Sales tax expenditure plan Station area access plan No plans
	Other	
	Is the proposed project consistent with these plans?	Yes
5a	Do any local, statewide or federal policies call for incorporating bicycle and/or pedestrian facilities into this project?	Caltrans Deputy Directive 64 Caltrans Highway Design Manual (Chapter 1000) ACR 211 MUTCD 2003 MUTCD California supplement Americans with Disabilities Act Accessibility Guidelines (ADAAG) MTC Pedestrian Districts Study None more
	Other	
	If so, have the policies been followed?	Yes
5b	N/A	Yes
5c	If this project includes a bicycle and/or pedestrian facility, which applicable design standards or guidelines have been followed?	AASHTO bicycle and pedestrian design guides Americans with Disabilities Act Accessibility Guidelines Caltrans Design Information Bulletin 89 Caltrans Highway Design Manual Caltrans California MUTCD Caltrans Pedestrian and Bicycle Facilities in California FHWA MUTCD ITE Designing Urban Walkable Thoroughfares NACTO Urban Bikeway Design Guide N/A - no bicycle or pedestrian facilities included None

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Pastoria Ave Ped Improvements

6a	What comments have been made regarding bicycle and pedestrian accommodations at BPAC, stakeholder, or public meetings at which the proposed project has been discussed?	At a community outreach meeting, the public wanted to prioritize walking, biking, and transit improvements.
	How have you responded to comments received?	The community's priorities were considered in the project plans.
7a	What accommodations, if any, are included for bicyclists and pedestrians in the proposed project design?	Class I bicycle paths Class II bicycle lanes Class III bicycle routes Class IV bikeways Bicycle boxes Raised separated bikeways Bicycle Boulevards Bicycle parking Sidewalks on one side or both sides of street Widened sidewalks Marked crosswalks Protected intersection Painted conflict zones Narrow unpaved path Pedestrian-actuated traffic signals or routine pedestrian cycle Bulb-out Bicycle actuated traffic signals or routine bicyclist cycle High visibility crosswalks Pedestrian-level lighting ADA-compliant ramps Traffic signal push buttons Refuge islands on roadways Transit shelters Wide curb lanes Right turn only lanes Transit vehicle stops Pedestrian countdown signals Way-finding or directional signage None
	Other	
8a	Will the proposed project remove an existing bicycle or pedestrian facility or block or hinder bicycle or pedestrian movement?	No
	If yes, please describe situation in detail.	
8b	If the proposed project incorporates neither bicycle nor pedestrian facilities, or if the proposed project would hinder bicycle or pedestrian travel, list reasons why the project cannot be re-designed to accommodate these facilities.	
	Was a road diet or car parking removal considered?	
	What would be the cost of the added bicycle and/or pedestrian facility?	

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Pastoria Ave Ped Improvements

	If the proposed project incorporates bicycle or pedestrian improvements, what proportion is the bicycle and/or pedestrian facility of the total project cost?	100
	If right-of-way challenges are the reason for the hindrance, please explain the analysis that led to this conclusion.	
9a	How will access for bicyclists and pedestrians be maintained during project construction?	Alternative signed bicycle route
		Alternative signed pedestrian route
		Separated pedestrian pathway
		Other
	Other	
10a	What agency will be responsible for ongoing maintenance of the facility?	Sunnyvale
10b	How will ongoing maintenance be budgeted?	Annually

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Potrero Ave Sidewalk Improve.

	Name	Potrero Avenue - Sidewalk Improvements
	Description	Install sidewalks on both sides of street.
	Status	Approved
	Project	Peery Park Sense of Place Improvements
	Location	Sunnyvale
	Contact Name	Shahid Abbas
	Contact Email	sabbas@sunnyvale.ca.gov
	Contact Phone	4087307330
	Contact Address	456 W. Olive Ave., Sunnyvale, CA 94086
1a	What bicycle and pedestrian accommodations are currently included on the facility or on facilities it intersects or crosses? Please check all that apply.	<input type="checkbox"/> Class I bicycle paths
		<input checked="" type="checkbox"/> Class II bicycle lanes
		<input type="checkbox"/> Class III bicycle routes
		<input type="checkbox"/> Class IV bikeways
		<input type="checkbox"/> Bicycle boxes
		<input type="checkbox"/> Raised separated bikeways
		<input type="checkbox"/> Bicycle Boulevards
		<input type="checkbox"/> Bicycle parking
		<input type="checkbox"/> Sidewalks on one side or both sides of street
		<input type="checkbox"/> Marked crosswalks
		<input type="checkbox"/> Protected intersection
		<input type="checkbox"/> Painted conflict zones
		<input type="checkbox"/> Narrow unpaved path
		<input type="checkbox"/> Pedestrian-actuated traffic signals or routine pedestrian cycle
		<input type="checkbox"/> Bulb-outs
		<input type="checkbox"/> Bicycle actuated traffic signals or routine bicyclist cycle
		<input type="checkbox"/> High visibility crosswalks
		<input type="checkbox"/> Pedestrian-level lighting
		<input type="checkbox"/> ADA-compliant ramps
		<input type="checkbox"/> Traffic signal push buttons
		<input type="checkbox"/> Refuge islands on roadways
		<input type="checkbox"/> Transit shelter
		<input type="checkbox"/> Wide curb lanes
		<input type="checkbox"/> Right turn only lanes
		<input type="checkbox"/> Transit vehicle stops
		<input type="checkbox"/> Pedestrian countdown signals
<input type="checkbox"/> Way-finding or directional signage		
		None
	Other	
	Please provide specifics of any items checked above.	
1b	If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest parallel bikeways and walkways?	0-1/4 mile
		<input checked="" type="checkbox"/> 1/4 mile to 1/2 mile
		1/2 mile to 1 mile
		1+ mile

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Potrero Ave Sidewalk Improve.

1c	Please indicate needed pedestrian, bicycle, or transit improvements in the project area that staff or the public have identified	Improved lighting
		sidewalks
		Improve intersections
		Mid-block crossings
		Accommodations for the elderly or disabled or school age children
		School age children
		Transit shelters
		ADA facilities
		Widened curb lanes
		Bicycle parking
		Traffic signals responsive to bicycles
		Shorter vehicular traffic signal cycles
		Addressing choke points or gaps in pedestrian or bicycle
		RR crossings
		Bike racks on busses
		Widened or better-lit under crossings
		Removed slip lanes
		Right turn only lanes
		None
	Other	
1d	Please describe the overall context of the project area:	Potrero Avenue is a two-lane 45 MPH roadway
1e	What existing challenges could the proposed project improve for bicycle, pedestrian, or transit travel in the vicinity of the proposed project?	Unresponsive signals to bicycles
		Lack of bicycle parking
		Freeway on-off ramps
		Narrow curb lanes
		Choke points
		RR crossings
		No bike racks on buses
		Wide roadway crossings
		Long signal cycles which require pedestrians to wait long periods of time
		Short signal crossing times
		Narrow undercrossings, overcrossings
		Slip lanes
		Sidewalk obstruction or missing sidewalk
		Pedestrian-level lighting
		Lack of ADA compliant facilities
		Lack of Transit vehicle stops
	Other	
2a	What trip generators (existing and future) are in the vicinity of the proposed project that might attract walking or bicycling customers, employees, students, visitors or others?	Educational institutions
		Transit stations
		Senior centers
		High-density land uses
		Downtowns
		Shopping areas
		Medical centers
		Major public venues
		Government buildings
		Parks
	Other	

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Potrero Ave Sidewalk Improve.

3a	Have you considered collisions involving bicyclists and pedestrians along the route of the facility?	Yes
	If so, please provide the number of collisions and describe the outcomes of each:	There have been no collisions involving pedestrians on Potrero Avenue within the previous 5 years.
	If so, what resources have you consulted?	Crossroads
4a	Do any adopted plans call for the development of bicycle or pedestrian facilities on, crossing or adjacent to the proposed facility/project?	City or town bicycle plan Countywide bicycle plan City or town pedestrian plan Countywide pedestrian plan Combined bicycle and pedestrian plan ADA transition plan General plan Specific plan Regional transportation Plan Sales tax expenditure plan Station area access plan No plans
	Other	
	Is the proposed project consistent with these plans?	Yes
5a	Do any local, statewide or federal policies call for incorporating bicycle and/or pedestrian facilities into this project?	Caltrans Deputy Directive 64 Caltrans Highway Design Manual (Chapter 1000) ACR 211 MUTCD 2003 MUTCD California supplement Americans with Disabilities Act Accessibility Guidelines (ADAAG) MTC Pedestrian Districts Study None more
	Other	
	If so, have the policies been followed?	Yes
5b	N/A	Yes
5c	If this project includes a bicycle and/or pedestrian facility, which applicable design standards or guidelines have been followed?	AASHTO bicycle and pedestrian design guides Americans with Disabilities Act Accessibility Guidelines Caltrans Design Information Bulletin 89 Caltrans Highway Design Manual Caltrans California MUTCD Caltrans Pedestrian and Bicycle Facilities in California FHWA MUTCD ITE Designing Urban Walkable Thoroughfares NACTO Urban Bikeway Design Guide N/A - no bicycle or pedestrian facilities included None

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Potrero Ave Sidewalk Improve.

6a	What comments have been made regarding bicycle and pedestrian accommodations at BPAC, stakeholder, or public meetings at which the proposed project has been discussed?	At a community meeting, the public wanted to prioritize improvements involving walking, biking, and transit.
	How have you responded to comments received?	The community's priorities were considered in the development of the project plans.
7a	What accommodations, if any, are included for bicyclists and pedestrians in the proposed project design?	Class I bicycle paths Class II bicycle lanes Class III bicycle routes Class IV bikeways Bicycle boxes Raised separated bikeways Bicycle Boulevards Bicycle parking Sidewalks on one side or both sides of street Widened sidewalks Marked crosswalks Protected intersection Painted conflict zones Narrow unpaved path Pedestrian-actuated traffic signals or routine pedestrian cycle Bulb-out Bicycle actuated traffic signals or routine bicyclist cycle High visibility crosswalks Pedestrian-level lighting ADA-compliant ramps Traffic signal push buttons Refuge islands on roadways Transit shelters Wide curb lanes Right turn only lanes Transit vehicle stops Pedestrian countdown signals Way-finding or directional signage None
	Other	
8a	Will the proposed project remove an existing bicycle or pedestrian facility or block or hinder bicycle or pedestrian movement?	No
	If yes, please describe situation in detail.	
8b	If the proposed project incorporates neither bicycle nor pedestrian facilities, or if the proposed project would hinder bicycle or pedestrian travel, list reasons why the project cannot be re-designed to accommodate these facilities.	
	Was a road diet or car parking removal considered?	
	What would be the cost of the added bicycle and/or pedestrian facility?	

Attachment A: Complete Streets Checklists

Sunnyvale Peery Park Sense of Place Improvements: Potrero Ave Sidewalk Improve.

	If the proposed project incorporates bicycle or pedestrian improvements, what proportion is the bicycle and/or pedestrian facility of the total project cost?	100
	If right-of-way challenges are the reason for the hindrance, please explain the analysis that led to this conclusion.	
9a	How will access for bicyclists and pedestrians be maintained during project construction?	Alternative signed bicycle route
		Alternative signed pedestrian route
		Separated pedestrian pathway
		Other
	Other	
10a	What agency will be responsible for ongoing maintenance of the facility?	Sunnyvale
10b	How will ongoing maintenance be budgeted?	Annually

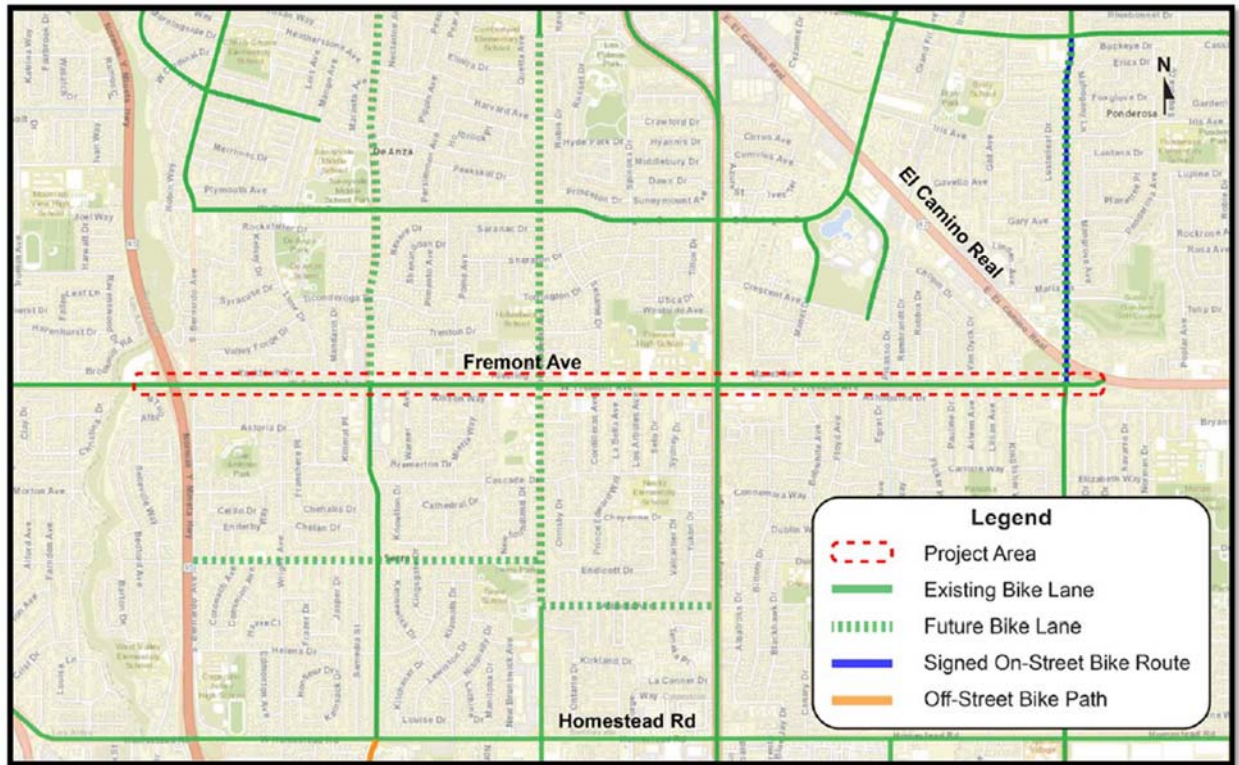
Attachment A

Complete Streets Checklist: Fremont Avenue Bikeway and Streetscape Improvements

PROJECT TITLE	Fremont Avenue Bikeway and Streetscape Improvements
PROJECT SUMMARY	Location Sunnyvale, CA
	Limits Fremont Avenue: Belleville Way to El Camino Real
	Detailed Description This project will upgrade existing bike lanes on Fremont Avenue to protected bike lanes. Bike lanes will be protected by a striped buffer and vertical barriers. The project will also install bicycle detection and accessible pedestrian signals at 11 signalized intersections, and upgrade 31 existing curb ramps to ADA compliance.

Attachment A

Complete Streets Checklist: Fremont Avenue Bikeway and Streetscape Improvements



Attachment A: Complete Streets Checklists
Sunnyvale: Fremont Ave Bikeway&Streetscape

	Name	Fremont Avenue Bikeway and Streetscape Improvements
	Description	This project will upgrade existing bike lanes on Fremont Avenue between Belleville Way and El Camino Real to protected bike lanes, install bicycle detection and accessible pedestrian signals at 11 signalized intersections, and upgrade existing curb ramps to ADA compliance.
	Status	Approved
	Project	Fremont Avenue Bikeway and Streetscape Improvements
	Location	Santa Clara County
	Contact Name	Shahid Abbas
	Contact Email	sabbas@sunnyvale.ca.gov
	Contact Phone	4087307330
	Contact Address	456 W Olive Ave, Sunnyvale, CA 94086
1a	What bicycle and pedestrian accommodations are currently included on the facility or on facilities it intersects or crosses? Please check all that apply.	<input type="checkbox"/> Class I bicycle paths <input checked="" type="checkbox"/> Class II bicycle lanes <input type="checkbox"/> Class III bicycle routes <input type="checkbox"/> Class IV bikeways <input type="checkbox"/> Bicycle boxes <input type="checkbox"/> Raised separated bikeways <input type="checkbox"/> Bicycle Boulevards <input type="checkbox"/> Bicycle parking <input checked="" type="checkbox"/> Sidewalks on one side or both sides of street <input checked="" type="checkbox"/> Marked crosswalks <input type="checkbox"/> Protected intersection <input type="checkbox"/> Painted conflict zones <input type="checkbox"/> Narrow unpaved path <input checked="" type="checkbox"/> Pedestrian-actuated traffic signals or routine pedestrian cycle <input type="checkbox"/> Bulb-outs <input type="checkbox"/> Bicycle actuated traffic signals or routine bicyclist cycle <input type="checkbox"/> High visibility crosswalks <input type="checkbox"/> Pedestrian-level lighting <input type="checkbox"/> ADA-compliant ramps <input checked="" type="checkbox"/> Traffic signal push buttons <input type="checkbox"/> Refuge islands on roadways <input type="checkbox"/> Transit shelter <input type="checkbox"/> Wide curb lanes <input type="checkbox"/> Right turn only lanes <input checked="" type="checkbox"/> Transit vehicle stops <input checked="" type="checkbox"/> Pedestrian countdown signals <input type="checkbox"/> Way-finding or directional signage <input type="checkbox"/> None
	Other	
	Please provide specifics of any items checked above.	
1b	If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest parallel bikeways and walkways?	<input type="checkbox"/> 0-1/4 mile <input type="checkbox"/> 1/4 mile to 1/2 mile <input type="checkbox"/> 1/2 mile to 1 mile <input type="checkbox"/> 1+ mile

Attachment A: Complete Streets Checklists
Sunnyvale: Fremont Ave Bikeway&Streetscape

1c	Please indicate needed pedestrian, bicycle, or transit improvements in the project area that staff or the public have identified	Improved lighting
		sidewalks
		Improve intersections
		Mid-block crossings
		Accommodations for the elderly or disabled or school age children
		School age children
		Transit shelters
		ADA facilities
		Widened curb lanes
		Bicycle parking
		Traffic signals responsive to bicycles
		Shorter vehicular traffic signal cycles
		Addressing choke points or gaps in pedestrian or bicycle
		RR crossings
		Bike racks on busses
		Widened or better-lit under crossings
		Removed slip lanes
		Right turn only lanes
		None
	Other	Protected bike lanes
1d	Please describe the overall context of the project area:	Fremont Avenue from Belleville Way to El Camino Real is a high volume, 40 mph roadway ranging from 4 to 6 lanes in width. Major destinations and public services along the corridor include local parks, Fremont High School, Westmoor Village Shopping Center, and De Anza Park
1e	What existing challenges could the proposed project improve for bicycle, pedestrian, or transit travel in the vicinity of the proposed project?	Unresponsive signals to bicycles
		Lack of bicycle parking
		Freeway on-off ramps
		Narrow curb lanes
		Choke points
		RR crossings
		No bike racks on buses
		Wide roadway crossings
		Long signal cycles which require pedestrians to wait long periods of time
		Short signal crossing times
		Narrow undercrossings, overcrossings
		Slip lanes
		Sidewalk obstruction or missing sidewalk
		Pedestrian-level lighting
		Lack of ADA compliant facilities
		Lack of Transit vehicle stops
	Other	
2a	What trip generators (existing and future) are in the vicinity of the proposed project that might attract walking or bicycling customers, employees, students, visitors or others?	Educational institutions
		Transit stations
		Senior centers
		High-density land uses
		Downtowns
		Shopping areas
		Medical centers
		Major public venues
		Government buildings
		Parks

Attachment A: Complete Streets Checklists
Sunnyvale: Fremont Ave Bikeway&Streetscape

	Other	
3a	Have you considered collisions involving bicyclists and pedestrians along the route of the facility?	Yes
	If so, please provide the number of collisions and describe the outcomes of each:	18 bicycle-involved collisions and 13 pedestrian-involved collisions occurred between August 2010 and August 2015. 16 of 18 bicycle collisions resulted in cyclist injury; 13 of 13 pedestrian collisions resulted in pedestrian injury.
	If so, what resources have you consulted?	City of Sunnyvale collision records
4a	Do any adopted plans call for the development of bicycle or pedestrian facilities on, crossing or adjacent to the proposed facility/project?	City or town bicycle plan Countywide bicycle plan City or town pedestrian plan Countywide pedestrian plan Combined bicycle and pedestrian plan ADA transition plan General plan Specific plan Regional transportation Plan Sales tax expenditure plan Station area access plan No plans
	Other	
	Is the proposed project consistent with these plans?	No
5a	Do any local, statewide or federal policies call for incorporating bicycle and/or pedestrian facilities into this project?	Caltrans Deputy Directive 64 Caltrans Highway Design Manual (Chapter 1000) ACR 211 MUTCD 2003 MUTCD California supplement Americans with Disabilities Act Accessibility Guidelines (ADAAG) MTC Pedestrian Districts Study None more
	Other	
	If so, have the policies been followed?	Yes
5b	N/A	No

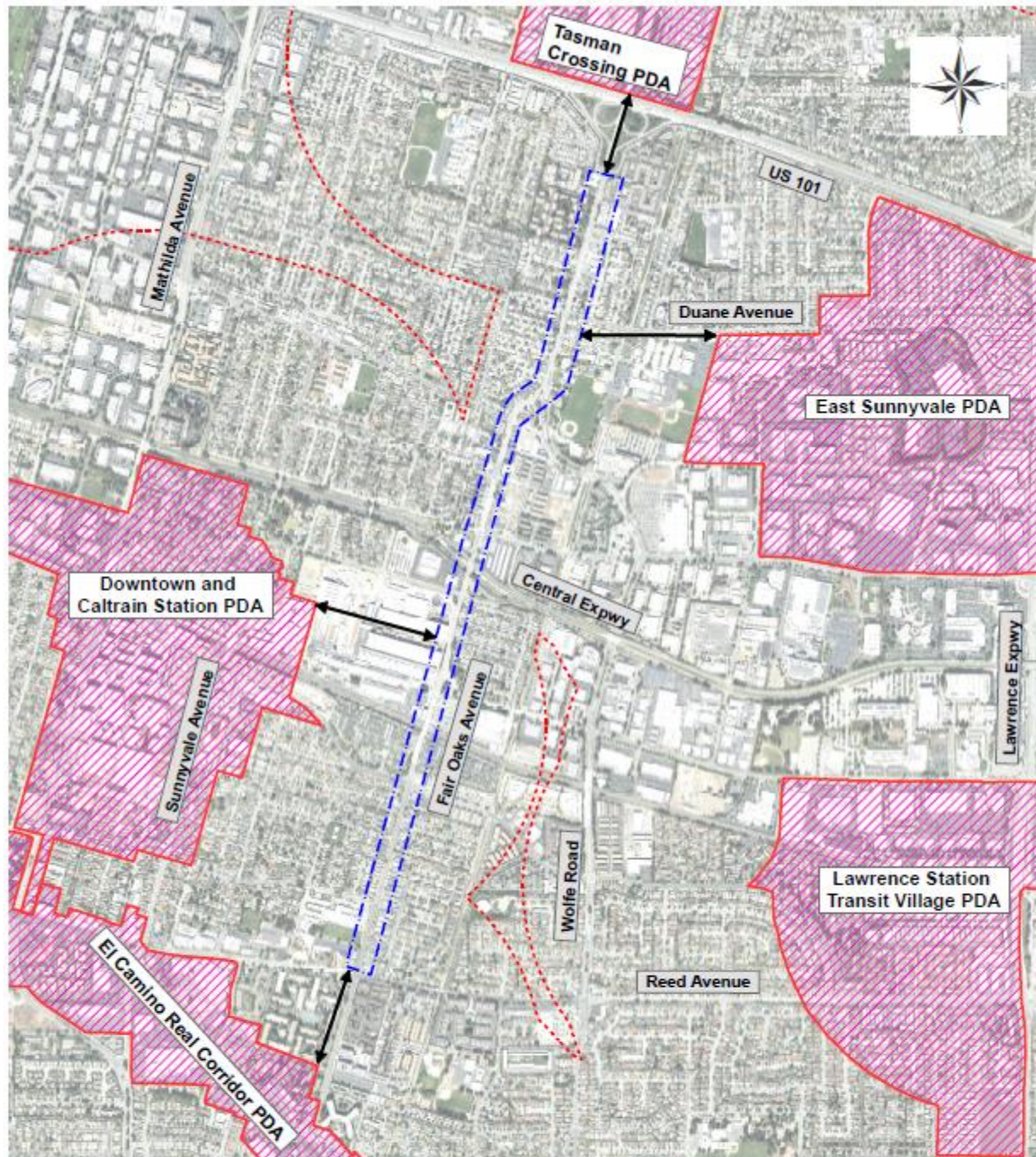
Attachment A: Complete Streets Checklists
Sunnyvale: Fremont Ave Bikeway&Streetscape

5c	If this project includes a bicycle and/or pedestrian facility, which applicable design standards or guidelines have been followed?	AASHTO bicycle and pedestrian design guides
		Americans with Disabilities Act Accessibility Guidelines
		Caltrans Design Information Bulletin 89
		Caltrans Highway Design Manual
		Caltrans California MUTCD
		Caltrans Pedestrian and Bicycle Facilities in California
		FHWA MUTCD
		ITE Designing Urban Walkable Thoroughfares
		NACTO Urban Bikeway Design Guide
		N/A - no bicycle or pedestrian facilities included
		None
6a	What comments have been made regarding bicycle and pedestrian accommodations at BPAC, stakeholder, or public meetings at which the proposed project has been discussed?	Public involvement for this project is planned for the next stage of project development.
	How have you responded to comments received?	
7a	What accommodations, if any, are included for bicyclists and pedestrians in the proposed project design?	Class I bicycle paths
		Class II bicycle lanes
		Class III bicycle routes
		Class IV bikeways
		Bicycle boxes
		Raised separated bikeways
		Bicycle Boulevards
		Bicycle parking
		Sidewalks on one side or both sides of street
		Widened sidewalks
		Marked crosswalks
		Protected intersection
		Painted conflict zones
		Narrow unpaved path
		Pedestrian-actuated traffic signals or routine pedestrian cycle
		Bulb-out
		Bicycle actuated traffic signals or routine bicyclist cycle
		High visibility crosswalks
		Pedestrian-level lighting
		ADA-compliant ramps
		Traffic signal push buttons
		Refuge islands on roadways
		Transit shelters
		Wide curb lanes
		Right turn only lanes
		Transit vehicle stops
		Pedestrian countdown signals
		Way-finding or directional signage
		None
	Other	On-street protected bike lanes. Accessible pedestrian signals.
8a	Will the proposed project remove an existing bicycle or pedestrian facility or block or hinder bicycle or pedestrian movement?	No

Attachment A: Complete Streets Checklists
Sunnyvale: Fremont Ave Bikeway&Streetscape

	If yes, please describe situation in detail.	
8b	If the proposed project incorporates neither bicycle nor pedestrian facilities, or if the proposed project would hinder bicycle or pedestrian travel, list reasons why the project cannot be re-designed to accommodate these facilities.	
	Was a road diet or car parking removal considered?	Segments of Fremont that are currently six lanes wide would be reduced to four lanes.
	What would be the cost of the added bicycle and/or pedestrian facility?	0
	If the proposed project incorporates bicycle or pedestrian improvements, what proportion is the bicycle and/or pedestrian facility of the total project cost?	100
	If right-of-way challenges are the reason for the hindrance, please explain the analysis that led to this conclusion.	No additional right-of-way needed.
9a	How will access for bicyclists and pedestrians be maintained during project construction?	Alternative signed bicycle route Alternative signed pedestrian route Separated pedestrian pathway Other
	Other	
10a	What agency will be responsible for ongoing maintenance of the facility?	City of Sunnyvale Department of Public Works
10b	How will ongoing maintenance be budgeted?	Annually

PROJECT TITLE	Fair Oaks Avenue Bikeway and Streetscape Project
PROJECT SUMMARY	Location Fair Oaks Avenue
	Limits Old San Francisco Road to Ahwanee Avenue
	Detailed Description This project will construct median improvements, grind existing striping, seal coat, and reconfigure roadway lane geometry, and provide bike lanes and color pavement conflict zone enhancements on a segment of Fair Oaks Avenue from Old San Francisco Road to Ahwanee Avenue.



Legend

- ▬▬▬▬▬ Fair Oaks Avenue Bikeway Improvements
- Priority Development Areas (PDA)
- ↔ Project Locations Less than 1/2 Mile from PDA
- ▬▬▬▬▬ Priority Development Area 1/2 Mile Buffer Boundary

Figure 1
Project Location



Attachment A: Complete Streets Checklists
Sunnyvale: Fair Oaks Streetscape & Bikeway

	Name	Fair Oaks Avenue Bikeway and Streetscape
	Description	Median installation, turn restrictions, roadway geometric reconfiguration, bike lane installation
	Status	Approved
	Project	Fair Oaks Avenue Bikeway and Streetscape
	Location	Sunnyvale
	Contact Name	Jack Witthaus
	Contact Email	jwitthaus@sunnyvale.ca.gov
	Contact Phone	(408) 730-7330
	Contact Address	456 W. Olive Avenue Sunnyvale, CA 94088
1a	What bicycle and pedestrian accommodations are currently included on the facility or on facilities it intersects or crosses? Please check all that apply.	<div> <input type="checkbox"/> Class I bicycle paths </div> <div> <input checked="" type="checkbox"/> Class II bicycle lanes </div> <div> <input type="checkbox"/> Class III bicycle routes </div> <div> <input type="checkbox"/> Class IV bikeways </div> <div> <input type="checkbox"/> Bicycle boxes </div> <div> <input checked="" type="checkbox"/> Raised separated bikeways </div> <div> <input type="checkbox"/> Bicycle Boulevards </div> <div> <input type="checkbox"/> Bicycle parking </div> <div> <input type="checkbox"/> Sidewalks on one side or both sides of street </div> <div> <input checked="" type="checkbox"/> Marked crosswalks </div> <div> <input type="checkbox"/> Protected intersection </div> <div> <input type="checkbox"/> Painted conflict zones </div> <div> <input checked="" type="checkbox"/> Narrow unpaved path </div> <div> <input checked="" type="checkbox"/> Pedestrian-actuated traffic signals or routine pedestrian cycle </div> <div> <input type="checkbox"/> Bulb-outs </div> <div> <input type="checkbox"/> Bicycle actuated traffic signals or routine bicyclist cycle </div> <div> <input type="checkbox"/> High visibility crosswalks </div> <div> <input type="checkbox"/> Pedestrian-level lighting </div> <div> <input checked="" type="checkbox"/> ADA-compliant ramps </div> <div> <input checked="" type="checkbox"/> Traffic signal push buttons </div> <div> <input type="checkbox"/> Refuge islands on roadways </div> <div> <input type="checkbox"/> Transit shelter </div> <div> <input type="checkbox"/> Wide curb lanes </div> <div> <input type="checkbox"/> Right turn only lanes </div> <div> <input type="checkbox"/> Transit vehicle stops </div> <div> <input type="checkbox"/> Pedestrian countdown signals </div> <div> <input type="checkbox"/> Way-finding or directional signage </div> <div> <input type="checkbox"/> None </div>
	Other	
	Please provide specifics of any items checked above.	Bike lanes on four intersectiong roads, sidewalks on one or both sides continuously, marked bike detection, ADA compliant ramps at time of construction, traffic signal push buttons including some Polara Navigator, ped countdown at some locations
1b	If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest parallel bikeways and walkways?	<div> <input type="checkbox"/> 0-1/4 mile </div> <div> <input checked="" type="checkbox"/> 1/4 mile to 1/2 mile </div> <div> <input type="checkbox"/> 1/2 mile to 1 mile </div> <div> <input type="checkbox"/> 1+ mile </div>

Attachment A: Complete Streets Checklists
Sunnyvale: Fair Oaks Streetscape & Bikeway

1c	Please indicate needed pedestrian, bicycle, or transit improvements in the project area that staff or the public have identified	Improved lighting
		sidewalks
		Improve intersections
		Mid-block crossings
		Accommodations for the elderly or disabled or school age children
		School age children
		Transit shelters
		ADA facilities
		Widened curb lanes
		Bicycle parking
		Traffic signals responsive to bicycles
		Shorter vehicular traffic signal cycles
		Addressing choke points or gaps in pedestrian or bicycle
		RR crossings
		Bike racks on busses
		Widened or better-lit under crossings
		Removed slip lanes
Right turn only lanes		
None		
	Other	
1d	Please describe the overall context of the project area:	
1e	What existing challenges could the proposed project improve for bicycle, pedestrian, or transit travel in the vicinity of the proposed project?	Unresponsive signals to bicycles
		Lack of bicycle parking
		Freeway on-off ramps
		Narrow curb lanes
		Choke points
		RR crossings
		No bike racks on buses
		Wide roadway crossings
		Long signal cycles which require pedestrians to wait long periods of time
		Short signal crossing times
		Narrow undercrossings, overcrossings
		Slip lanes
		Sidewalk obstruction or missing sidewalk
		Pedestrian-level lighting
		Lack of ADA compliant facilities
		Lack of Transit vehicle stops
2a	What trip generators (existing and future) are in the vicinity of the proposed project that might attract walking or bicycling customers, employees, students, visitors or others?	Educational institutions
		Transit stations
		Senior centers
		High-density land uses
		Downtowns
		Shopping areas
		Medical centers
		Major public venues
		Government buildings
		Parks
	Other	

Attachment A: Complete Streets Checklists
Sunnyvale: Fair Oaks Streetscape & Bikeway

3a	Have you considered collisions involving bicyclists and pedestrians along the route of the facility?	Yes
	If so, please provide the number of collisions and describe the outcomes of each:	
	If so, what resources have you consulted?	Crossroads database
4a	Do any adopted plans call for the development of bicycle or pedestrian facilities on, crossing or adjacent to the proposed facility/project?	City or town bicycle plan
		Countywide bicycle plan
		City or town pedestrian plan
		Countywide pedestrian plan
		Combined bicycle and pedestrian plan
		ADA transition plan
		General plan
		Specific plan
		Regional transportation Plan
		Sales tax expenditure plan
		Station area access plan
		No plans
	Other	
	Is the proposed project consistent with these plans?	Yes
5a	Do any local, statewide or federal policies call for incorporating bicycle and/or pedestrian facilities into this project?	Caltrans Deputy Directive 64
		Caltrans Highway Design Manual (Chapter 1000)
		ACR 211
		MUTCD 2003
		MUTCD California supplement
		Americans with Disabilities Act Accessibility Guidelines (ADAAG)
		MTC Pedestrian Districts Study
		None
		more
	Other	Other than Directive 64, which directs Caltrans to act, the other documents are guidance, not mandates. The City follows that guidance.
	If so, have the policies been followed?	Yes
5b	N/A	Yes
5c	If this project includes a bicycle and/or pedestrian facility, which applicable design standards or guidelines have been followed?	AASHTO bicycle and pedestrian design guides
		Americans with Disabilities Act Accessibility Guidelines
		Caltrans Design Information Bulletin 89
		Caltrans Highway Design Manual
		Caltrans California MUTCD
		Caltrans Pedestrian and Bicycle Facilities in California
		FHWA MUTCD
		ITE Designing Urban Walkable Thoroughfares
		NACTO Urban Bikeway Design Guide
		N/A - no bicycle or pedestrian facilities included
		None

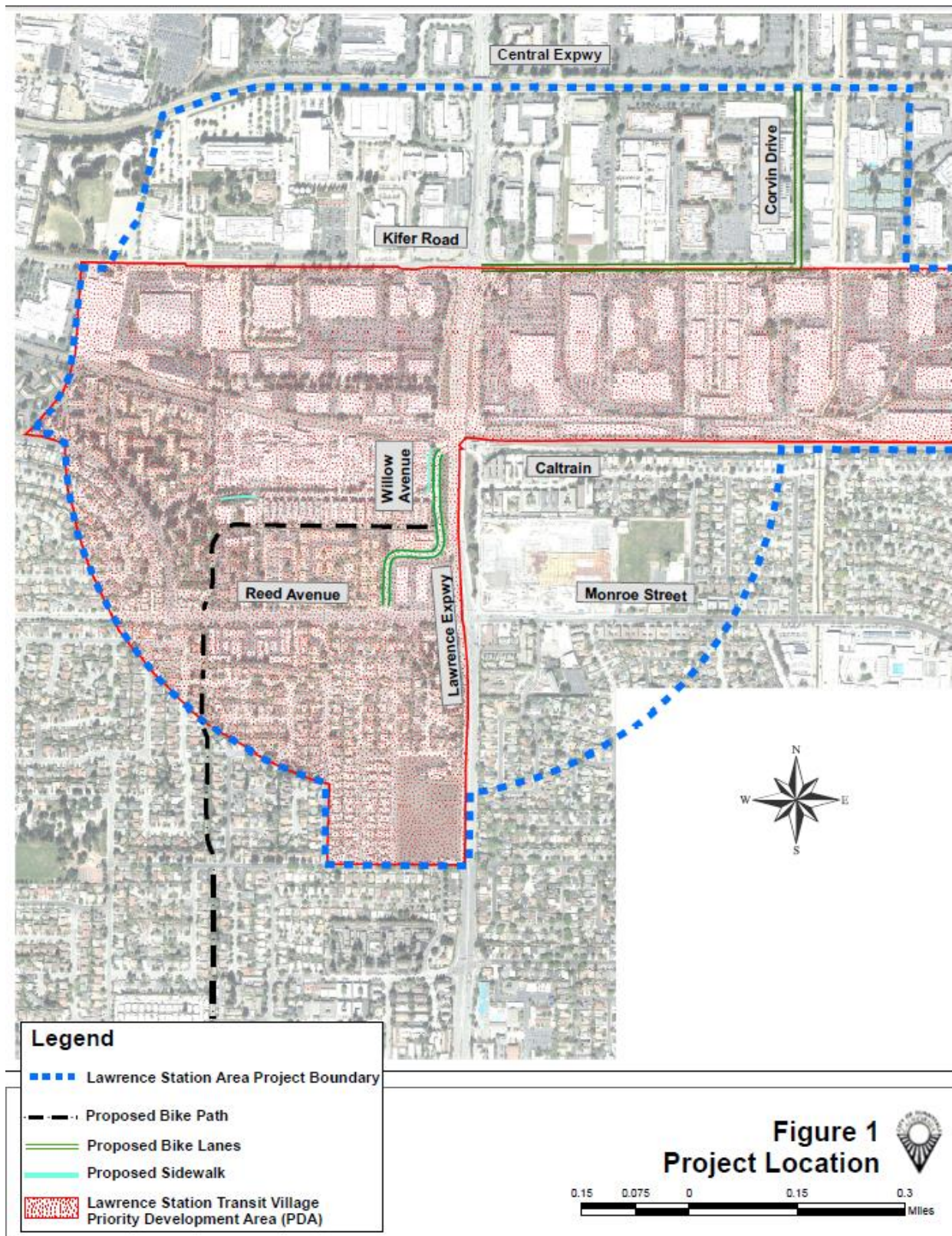
Attachment A: Complete Streets Checklists
Sunnyvale: Fair Oaks Streetscape & Bikeway

6a	What comments have been made regarding bicycle and pedestrian accommodations at BPAC, stakeholder, or public meetings at which the proposed project has been discussed?	Support for Class II bike lanes, support for elimination of on-street parking to provide bike lanes
	How have you responded to comments received?	
7a	What accommodations, if any, are included for bicyclists and pedestrians in the proposed project design?	Class I bicycle paths Class II bicycle lanes Class III bicycle routes Class IV bikeways Bicycle boxes Raised separated bikeways Bicycle Boulevards Bicycle parking Sidewalks on one side or both sides of street Widened sidewalks Marked crosswalks Protected intersection Painted conflict zones Narrow unpaved path Pedestrian-actuated traffic signals or routine pedestrian cycle Bulb-out Bicycle actuated traffic signals or routine bicyclist cycle High visibility crosswalks Pedestrian-level lighting ADA-compliant ramps Traffic signal push buttons Refuge islands on roadways Transit shelters Wide curb lanes Right turn only lanes Transit vehicle stops Pedestrian countdown signals Way-finding or directional signage None
	Other	
8a	Will the proposed project remove an existing bicycle or pedestrian facility or block or hinder bicycle or pedestrian movement?	No
	If yes, please describe situation in detail.	
8b	If the proposed project incorporates neither bicycle nor pedestrian facilities, or if the proposed project would hinder bicycle or pedestrian travel, list reasons why the project cannot be re-designed to accommodate these facilities.	
	Was a road diet or car parking removal considered?	
	What would be the cost of the added bicycle and/or pedestrian facility?	1

Attachment A: Complete Streets Checklists
Sunnyvale: Fair Oaks Streetscape & Bikeway

	If the proposed project incorporates bicycle or pedestrian improvements, what proportion is the bicycle and/or pedestrian facility of the total project cost?	100
	If right-of-way challenges are the reason for the hindrance, please explain the analysis that led to this conclusion.	
9a	How will access for bicyclists and pedestrians be maintained during project construction?	Alternative signed bicycle route
		Alternative signed pedestrian route
		Separated pedestrian pathway
		Other
	Other	Adopted standard operating procedure for bikes in construction zones
10a	What agency will be responsible for ongoing maintenance of the facility?	City of Sunnyvale
10b	How will ongoing maintenance be budgeted?	Signing and striping operating budget

PROJECT TITLE	Lawrence Station Area Sidewalks and Bicycle Facilities
PROJECT SUMMARY	Location Willow Avenue and Aster Avenue
	Limits Evelyn Avenue and Lawrence Expressway
	<p>Detailed Description</p> <p>The Lawrence Station Area Plan was developed to accentuate the area surrounding the Lawrence Caltrain station by improving access through a variety of travel modes to the station. As part of the plan, One Bay Area Grant funds are requested for the construction of:</p> <ul style="list-style-type: none"> • Sidewalks on Willow Avenue and Aster Avenue to provide a continuous pedestrian connection to the Lawrence Caltrain Station. • ADA-compliant curb ramps on new sidewalks at intersections • Bike Lanes on Willow Avenue, Corvin Drive, and Kifer Road including color pavement for conflict zones. • Bike path adjacent to Santa Clara Valley Water District property from Willow Avenue to Miramar Way.



Attachment A: Complete Streets Checklists

Sunnyvale: Lawrence Station Area

	Name	Lawrence Station PDA Sidewalks and Bike Lanes
	Description	Sidewalk and Bike Lane construction to provide access to the Lawrence Caltrain station
	Status	Approved
	Project	Lawrence Station PDA Sidewalks and Bike Lanes
	Location	Sunnyvale
	Contact Name	Jack Witthaus
	Contact Email	jwitthaus@sunnyvale.ca.gov
	Contact Phone	(408) 730-7330
	Contact Address	456 W. Olive Avenue, Sunnyvale, CA 94088
1a	What bicycle and pedestrian accommodations are currently included on the facility or on facilities it intersects or crosses? Please check all that apply.	<input type="checkbox"/> Class I bicycle paths <input type="checkbox"/> Class II bicycle lanes <input type="checkbox"/> Class III bicycle routes <input type="checkbox"/> Class IV bikeways <input type="checkbox"/> Bicycle boxes <input checked="" type="checkbox"/> Raised separated bikeways <input type="checkbox"/> Bicycle Boulevards <input type="checkbox"/> Bicycle parking <input type="checkbox"/> Sidewalks on one side or both sides of street <input type="checkbox"/> Marked crosswalks <input type="checkbox"/> Protected intersection <input type="checkbox"/> Painted conflict zones <input checked="" type="checkbox"/> Narrow unpaved path <input type="checkbox"/> Pedestrian-actuated traffic signals or routine pedestrian cycle <input type="checkbox"/> Bulb-outs <input type="checkbox"/> Bicycle actuated traffic signals or routine bicyclist cycle <input type="checkbox"/> High visibility crosswalks <input type="checkbox"/> Pedestrian-level lighting <input type="checkbox"/> ADA-compliant ramps <input type="checkbox"/> Traffic signal push buttons <input type="checkbox"/> Refuge islands on roadways <input type="checkbox"/> Transit shelter <input type="checkbox"/> Wide curb lanes <input type="checkbox"/> Right turn only lanes <input type="checkbox"/> Transit vehicle stops <input type="checkbox"/> Pedestrian countdown signals <input type="checkbox"/> Way-finding or directional signage <input type="checkbox"/> None
	Other	
	Please provide specifics of any items checked above.	Partial sidewalks with ADA ramps exist in some areas
1b	If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest parallel bikeways and walkways?	<input checked="" type="checkbox"/> 0-1/4 mile <input type="checkbox"/> 1/4 mile to 1/2 mile <input type="checkbox"/> 1/2 mile to 1 mile <input type="checkbox"/> 1+ mile

Attachment A: Complete Streets Checklists

Sunnyvale: Lawrence Station Area

1c	Please indicate needed pedestrian, bicycle, or transit improvements in the project area that staff or the public have identified	Improved lighting
		sidewalks
		Improve intersections
		Mid-block crossings
		Accommodations for the elderly or disabled or school age children
		School age children
		Transit shelters
		ADA facilities
		Widened curb lanes
		Bicycle parking
		Traffic signals responsive to bicycles
		Shorter vehicular traffic signal cycles
		Addressing choke points or gaps in pedestrian or bicycle
		RR crossings
		Bike racks on busses
		Widened or better-lit under crossings
		Removed slip lanes
Right turn only lanes		
None		
	Other	
1d	Please describe the overall context of the project area:	
1e	What existing challenges could the proposed project improve for bicycle, pedestrian, or transit travel in the vicinity of the proposed project?	Unresponsive signals to bicycles
		Lack of bicycle parking
		Freeway on-off ramps
		Narrow curb lanes
		Choke points
		RR crossings
		No bike racks on buses
		Wide roadway crossings
		Long signal cycles which require pedestrians to wait long periods of time
		Short signal crossing times
		Narrow undercrossings, overcrossings
		Slip lanes
		Sidewalk obstruction or missing sidewalk
		Pedestrian-level lighting
		Lack of ADA compliant facilities
		Lack of Transit vehicle stops
2a	What trip generators (existing and future) are in the vicinity of the proposed project that might attract walking or bicycling customers, employees, students, visitors or others?	Educational institutions
		Transit stations
		Senior centers
		High-density land uses
		Downtowns
		Shopping areas
		Medical centers
		Major public venues
		Government buildings
		Parks
	Other	

Attachment A: Complete Streets Checklists

Sunnyvale: Lawrence Station Area

3a	Have you considered collisions involving bicyclists and pedestrians along the route of the facility?	Yes
	If so, please provide the number of collisions and describe the outcomes of each:	
	If so, what resources have you consulted?	Crossroads database
4a	Do any adopted plans call for the development of bicycle or pedestrian facilities on, crossing or adjacent to the proposed facility/project?	City or town bicycle plan Countywide bicycle plan City or town pedestrian plan Countywide pedestrian plan Combined bicycle and pedestrian plan ADA transition plan General plan Specific plan Regional transportation Plan Sales tax expenditure plan Station area access plan No plans
	Other	
	Is the proposed project consistent with these plans?	Yes
5a	Do any local, statewide or federal policies call for incorporating bicycle and/or pedestrian facilities into this project?	Caltrans Deputy Directive 64 Caltrans Highway Design Manual (Chapter 1000) ACR 211 MUTCD 2003 MUTCD California supplement Americans with Disabilities Act Accessibility Guidelines (ADAAG) MTC Pedestrian Districts Study None more
	Other	
	If so, have the policies been followed?	Yes
5b	N/A	Yes
5c	If this project includes a bicycle and/or pedestrian facility, which applicable design standards or guidelines have been followed?	AASHTO bicycle and pedestrian design guides Americans with Disabilities Act Accessibility Guidelines Caltrans Design Information Bulletin 89 Caltrans Highway Design Manual Caltrans California MUTCD Caltrans Pedestrian and Bicycle Facilities in California FHWA MUTCD ITE Designing Urban Walkable Thoroughfares NACTO Urban Bikeway Design Guide N/A - no bicycle or pedestrian facilities included None

Attachment A: Complete Streets Checklists

Sunnyvale: Lawrence Station Area

6a	What comments have been made regarding bicycle and pedestrian accommodations at BPAC, stakeholder, or public meetings at which the proposed project has been discussed?	Desirable features to be provided
	How have you responded to comments received?	
7a	What accommodations, if any, are included for bicyclists and pedestrians in the proposed project design?	Class I bicycle paths Class II bicycle lanes Class III bicycle routes Class IV bikeways Bicycle boxes Raised separated bikeways Bicycle Boulevards Bicycle parking Sidewalks on one side or both sides of street Widened sidewalks Marked crosswalks Protected intersection Painted conflict zones Narrow unpaved path Pedestrian-actuated traffic signals or routine pedestrian cycle Bulb-out Bicycle actuated traffic signals or routine bicyclist cycle High visibility crosswalks Pedestrian-level lighting ADA-compliant ramps Traffic signal push buttons Refuge islands on roadways Transit shelters Wide curb lanes Right turn only lanes Transit vehicle stops Pedestrian countdown signals Way-finding or directional signage None
	Other	
8a	Will the proposed project remove an existing bicycle or pedestrian facility or block or hinder bicycle or pedestrian movement?	No
	If yes, please describe situation in detail.	
8b	If the proposed project incorporates neither bicycle nor pedestrian facilities, or if the proposed project would hinder bicycle or pedestrian travel, list reasons why the project cannot be re-designed to accommodate these facilities.	
	Was a road diet or car parking removal considered?	
	What would be the cost of the added bicycle and/or pedestrian facility?	390

Attachment A: Complete Streets Checklists

Sunnyvale: Lawrence Station Area

	If the proposed project incorporates bicycle or pedestrian improvements, what proportion is the bicycle and/or pedestrian facility of the total project cost?	100
	If right-of-way challenges are the reason for the hindrance, please explain the analysis that led to this conclusion.	
9a	How will access for bicyclists and pedestrians be maintained during project construction?	Alternative signed bicycle route
		Alternative signed pedestrian route
		Separated pedestrian pathway
		Other
	Other	No detours required
10a	What agency will be responsible for ongoing maintenance of the facility?	City of Sunnyvale
10b	How will ongoing maintenance be budgeted?	City operating budget