

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. <u>Complete Streets Competitive:</u> Checklists for all projects that <u>applied</u> 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. <u>Local Streets and Road Preservation Pass-Through</u>: 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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4.8.2016

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.

<u>Summary of Applications Received for One Bay Area Grant Cycle II Call for Projects</u>

		MTC CS Cklist
Agency	Application Name	Available for BPAC Review
	LOCAL CIPETTS AND ROADS SHARANTEED FUNDS	BFAC Review
Campbell	LOCAL STREETS AND ROADS GUARANTEED FUNDS Winchester Blvd Overlay	Y
Cupertino	Cupertino Pavement Management	Y
Gilroy	Monterey Street Streetscape & Rehabilitation	Y
Los Altos	Fremont Avenue Asphalt Concrete Overlay	-
Los Altos Hills	Opting to bank guaranteed funds until next year	Y
Los Gatos	Lark Avenue	- V
Milpitas	Street Resurfacing 2018	Y
Monte Sereno		Y
	Opting to bank guaranteed funds until next year East Dunne Avenue Pavement Rehabilitation	-
Morgan Hill		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	Υ
Cupertino	Stevens Creek Blvd Class IV Bikeway	Υ
Gilroy	Fifth Street & Martin Complete Street Gap Closure	Υ
Gilroy	Fourth Street Streetscape	Υ
Gilroy	Gourmet Alley	Υ
Los Altos	San Antonio Road & West Portola Ave Improvements	Υ
Mountain View	Shoreline Blvd Pathway Improvements	Υ
Palo Alto	California Avenue District Bike Station	Υ
Palo Alto	El Camino Real Pedestrian Safety & Streetscape	Υ
San Jose	Julian & St. James "Liveable Streets" Couplet conversion	Υ
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	Υ
Santa Clara	Lawrence Station Area - Monroe Street & Agate Drive Bike/Pedestrian	Υ
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	Υ
Sunnyvale	Bernardo Ave Bicycle Undercrossing	Y
Sunnyvale	East Sunnyvale Area Sense of Place-Transit/Bike/Ped Upgrades	Υ
Sunnyvale	Fair Oaks Ave Bikeway & Streetscape	Y
Sunnyvale	Fremont Ave Bikeway & Streetscape Improvements	Υ
Sunnyvale	Java Drive Road Diet & Bike Lanes	Υ
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	Υ
VTA/San Jose	King Road Pedestrian Safety & Transit Access Improvements	Y

Sunnyvale Roadway Pavement Rehabilitation: Wright Ave PavementPreventative

	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
		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
	What bicycle and pedestrian accommodations are	Pedestrian-actuated traffic signals or routine pedestrian
1a	currently included on the facility or on facilities it	cycle Bulb-outs
	intersects or crosses? Please check all that apply.	Buid-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	
	Outer	
	Please provide specifics of any items checked above.	
		0.474
	If there are no existing pedestrian or bicycle facilities,	0-1/4 mile
1b	how far from the proposed project are the closest parallel bikeways and walkways?	1/4 mile to 1/2 mile
		1/2 mile to 1 mile
		1+ mile

Sunnyvale Roadway Pavement Rehabilitation: Wright Ave PavementPreventative

Please indicate needed pedestrian, bicycle, or transit improvements in the project area that staff or the public have identified Please indicate needed pedestrian, bicycle, or transit improvements in the project area that staff or the public have identified Please indicate needed pedestrian, bicycle, or transit improvements in the project area that staff or the public have identified Please indicate needed pedestrian, bicycle, or transit improvements in the project area that staff or the public improvements in the project area that staff or the public improvements in the project area that staff or the public public area that staff or the pu		T	I
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Pedestrian-level lighting Lack of ADA compliant facilities Lack of Transit vehicle stops Other Bike Routes and pavement repairs Educational institutions Transit stations Senior centers High-density land uses Downtowns walking or bicycling customers, employees, students, visitors or others? Pedestrian-level lighting Lack of ADA compliant facilities Lack of Transit vehicle stops Bike Routes and pavement repairs Educational institutions Transit stations Senior centers High-density land uses Downtowns Shopping areas Medical centers Major public venues Government buildings Parks			Slip lanes
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Lack of ADA compliant facilities Lack of Transit vehicle stops Other Bike Routes and pavement repairs Educational institutions Transit stations Senior centers High-density land uses Downtowns Shopping areas Walking or bicycling customers, employees, students, visitors or others? Medical centers Major public venues Government buildings Parks			
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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? Senior centers High-density land uses Downtowns Shopping areas Medical centers Major public venues Government buildings Parks			Educational institutions
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? High-density land uses Downtowns Shopping areas Medical centers Major public venues Government buildings Parks			Transit stations
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vicinity of the proposed project that might attract walking or bicycling customers, employees, students, visitors or others? Downtowns Shopping areas Medical centers Major public venues Government buildings Parks		What trip generators (existing and future) are in the	High-density land uses
walking or bicycling customers, employees, students, visitors or others? Medical centers Major public venues Government buildings Parks		vicinity of the proposed project that might attract walking or bicycling customers, employees, students,	,
visitors or others? Medical centers Major public venues Government buildings Parks	2a		
Major public venues Government buildings Parks			•
Government buildings Parks			
Parks			• •
Other			Parks
Other			
		Other	

Sunnyvale Roadway Pavement Rehabilitation: Wright Ave PavementPreventative

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:	
	describe the outcomes of each.	
	W 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	If so, what resources have you consulted?	
		000
		City or town bicycle plan
		Countywide bicycle plan
		City or town pedestrian plan
		Countywide pedestrian plan
	Do any adopted plans call for the development of	Combined bicycle and pedestrian plan
4a	bicycle or pedestrian facilities on, crossing or adjacent	ADA transition plan
- a	to the proposed facility/project?	General plan
	to the proposed facility/project:	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
	incorporating bicycle and/or pedestrian facilities into this project?	Caltrans Deputy Directive 64
		Caltrans Highway Design Manual (Chapter 1000)
		ACR 211
		MUTCD 2003
5a		MUTCD California supplement
04		Americans with Disabilities Act Accessibility Guidelines
		(ADAAG)
		MTC Pedestrian Districts Study
		None
		more
	Other	
	Man have the mall-lea have fall-ove 10	V
	If so, have the policies been followed?	Yes
5b	N/A	No
30	N/A	
		AASHTO bicycle and pedestrian design guides
		Americans with Disabilities Act Accessibility Guidelines
		Caltrans Design Information Bulletin 89
	If this project includes a bicycle and/or pedestrian facility, which applicable design standards or guidelines have been followed?	Caltrans Highway Design Manual
		Caltrans California MUTCD
5c		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

Sunnyvale Roadway Pavement Rehabilitation: Wright Ave PavementPreventative

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.
		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
	What accommodations, if any, are included for	Pedestrian-actuated traffic signals or routine pedestrian
7a	bicyclists and pedestrians in the proposed project	cycle
	design?	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.	
	y, p	
	If the proposed project incorporates neither bicycle nor	
	pedestrian facilities, or if the proposed project would	
8b	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?	
Ì		
	What would be the cost of the added bicycle and/or pedestrian facility?	

Sunnyvale Roadway Pavement Rehabilitation: Wright Ave PavementPreventative

	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

Sunnyvale Roadway Pavement Rehabilitation: Sunnyvale-Saratoga Preventative

		Sunnyvale-Saratoga Road - Preventative Pavement
	Name	Maintenance
		Preventative pavement maintenance on segment from El
	Description	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
		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
	What bicycle and pedestrian accommodations are	Pedestrian-actuated traffic signals or routine
1a	currently included on the facility or on facilities it	pedestrian cycle
14	intersects or crosses? Please check all that apply.	Bulb-outs
	microsco di croccoo i rodoc dilocitali matappi,	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
	Othor	
	Other	
		Class II bike lanes throughout segment with
	Please provide specifics of any items checked above.	sidewalks and crosswalks
		CAUNTING CITY OF CONTROL OF CONTR
		0-1/4 mile
	If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest parallel bikeways and walkways?	
1b		1/4 mile to 1/2 mile
		1/2 mile to 1 mile
		1+ mile
		1

Sunnyvale Roadway Pavement Rehabilitation: Sunnyvale-Saratoga Preventative

	T	I
		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
	Please indicate needed pedestrian, bicycle, or transit	Widened curb lanes
1c	improvements in the project area that staff or the public	Bicycle parking
	have identified	Traffic signals responsive to bicycles
		Shorter vehicular traffic signal cycles
		Shorter verticular tranic 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
		11010
	Other	Pavement maintenance
1d	Please describe the overall context of the project area:	40 MPH on Sunnyvale-Saratoga Road
		Unresponsive signals to bicycles
		Lack of bicycle parking
		Freeway on-off ramps
		Narrow curb lanes
		Choke points
		RR crossings
		No bike racks on buses
	What existing challenges could the proposed project	Wide roadway crossings
1e	improve for bicycle, pedestrian, or transit travel in the	Long signal cycles which require pedestrians to wait long
	vicinity of the proposed project?	periods of time
	violinty of the proposed project:	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	Pavement repairs
		Educational institutions
		Transit stations
		Senior centers
	What trip generators (existing and future) are in the	High-density land uses
	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?	Downtowns
2a		
		Shopping areas
	VISITOLS OF OTHERS?	Medical centers
		Major public venues
		Government buildings
		Parks
	Let a	
	Other	
	Other	

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?	
4 a	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

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 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?	

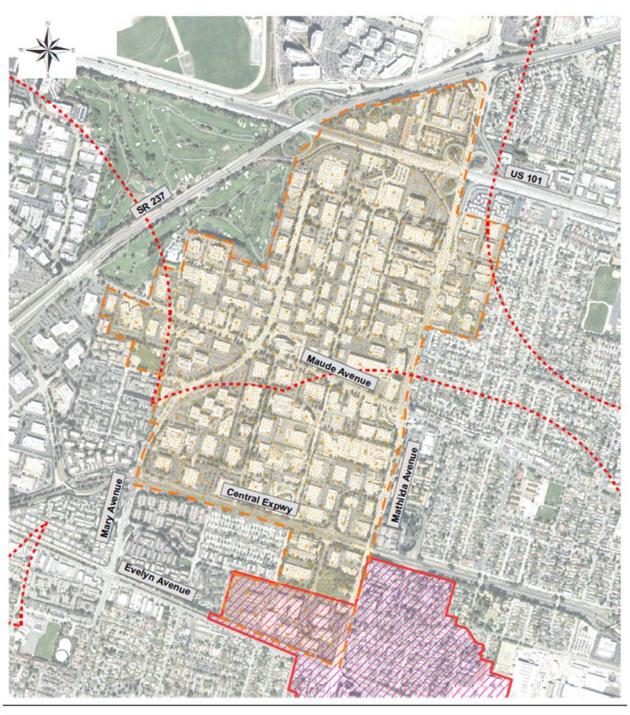
Sunnyvale Roadway Pavement Rehabilitation: Sunnyvale-Saratoga Preventative

	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

4.8.2016

	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: 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





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

		Mathilda Avenue - Crosswalk and Bicycle Lane
	Name	Improvements
		Install enhanced crosswalks at 5 intersections within
	Description	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
		Class I bicycle paths
		Class II bicycle lanes
		Class III bicycle routes Class IV bikeways
		Bicycle boxes
		Raised separated bikeways
		Bicycle Boulevards
		Bicycle bodievalus Bicycle parking
		Sidewalks on one side or both sides of street
		Marked crosswalks
		Protected intersection
		Painted conflict zones
		Narrow unpaved path
	What bicycle and pedactrian accommodations are	Pedestrian-actuated traffic signals or routine pedestrian
1a	What bicycle and pedestrian accommodations are currently included on the facility or on facilities it	cycle
la la	intersects or crosses? Please check all that apply.	Bulb-outs
	intersects of crosses: I lease check all that apply.	Bicycle actuated traffic signals or routine bicyclist cycle
		High visibility crosswalks
		Pedestrian-level lighting
		ADA-compliant ramps Traffic signal push buttons
1		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.	
	The provided and the second and the	
		1
	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
1b		1/4 mile to 1/2 mile
		1/2 mile to 1 mile
	-	1+ mile

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

		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
	Please indicate needed pedestrian, bicycle, or transit	Widened curb lanes
1c	improvements in the project area that staff or the public	Bicycle parking
	have identified	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
		None
	Other	
1d	Please describe the overall context of the project area:	Mathilda Avenue is a six-lane 45 MPH roadway
		Unresponsive signals to bicycles
		Lack of bicycle parking
		Freeway on-off ramps
		Narrow curb lanes
		Choke points
		RR crossings
		No bike racks on buses
	What existing challenges could the proposed project	Wide roadway crossings
1e	improve for bicycle, pedestrian, or transit travel in the	Long signal cycles which require pedestrians to wait long
	vicinity of the proposed project?	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
		Educ of Transic Vernois stops
	Other	Gap in bicycle lanes
		Educational institutions
		Transit stations
		Senior centers
	What trip generators (existing and future) are in the	High-density land uses
2a	vicinity of the proposed project that might attract	Downtowns
Za	walking or bicycling customers, employees, students,	Shopping areas
	visitors or others?	Medical centers
		Major public venues
		Government buildings
		Parks
	Other	
<u> </u>		ļ

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

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
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
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
N/A	Yes
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
	pedestrians along the route of the facility? If so, please provide the number of collisions and describe the outcomes of each: If so, what resources have you consulted? Do any adopted plans call for the development of bicycle or pedestrian facilities on, crossing or adjacent to the proposed facility/project? Other Is the proposed project consistent with these plans? Do any local, statewide or federal policies call for incorporating bicycle and/or pedestrian facilities into this project? Other If so, have the policies been followed? N/A If this project includes a bicycle and/or pedestrian facility, which applicable design standards or

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.
		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
_	What accommodations, if any, are included for	Pedestrian-actuated traffic signals or routine pedestrian
7a	bicyclists and pedestrians in the proposed project	cycle
	design?	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 you placed describe situation in detail	
	If yes, please describe situation in detail.	
	If the proposed project incorporates neither bicycle nor	
	pedestrian facilities, or if the proposed project would	
8b	hinder bicycle or pedestrian travel, list reasons why the	
0.0	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

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

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

	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
		Class I bicycle paths
		Class II bicycle lanes
		Class III bicycle routes
		Class IV bikeways
		Bicycle boxes Raised separated bikeways
		Bicycle Boulevards
		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
	What bicycle and pedestrian accommodations are	cycle
1a	currently included on the facility or on facilities it	Bulb-outs
	intersects or crosses? Please check all that apply.	
		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
		None
	Other	
	Please provide specifics of any items checked above.	
		0-1/4 mile
416	If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest	1/4 mile to 1/2 mile
1b		1/2 mile to 1 mile
	parallel bikeways and walkways?	1+ mile

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

sidewalks Improve intersections Mid-block crossings Accommodations for the elderly or disabled or school age children Transit shelters ADA facilities Windend curb lanes Bicycle parking Traffic signal 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 What existing challenges could the proposed project improve for bicycle, pedestrian, or transit travel in the vicinity of the proposed project? What trip generators (existing and future) are in the vicinity of the proposed project that might attract What trip generators (existing and future) are in the vicinity of the proposed project that might attract What trip generators (existing and future) are in the vicinity of the proposed project that might attract What trip generators (existing and future) are in the vicinity of the proposed project that might attract What trip generators (existing and future) are in the vicinity of the proposed project that might attract What trip generators (existing and future) are in the vicinity of the proposed project that might attract What trip generators (existing and future) are in the vicinity of the proposed project that might attract What trip generators (existing and future) are in the vicinity of the proposed project that might attract What trip generators (existing and future) are in the vicinity of the proposed project that might attract What trip generators (existing and future) are in the vicinity of the proposed project that might attract What trip generators (existing and future) are in the vicinity of the proposed project that might attract What trip generators (existing and future) are in the vicinity of the proposed project that might attract What trip generators (existing and future) are in the vicinity of the proposed project that might attract		1	li irine
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vicinity of the proposed project? Periods of time	10		
Narrow undercrossings, overcrossings	16		
Narrow undercrossings, overcrossings			Short signal crossing times
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 Educational institutions Transit stations Senior centers High-density land uses Downtowns High-density land uses Downtowns Shopping areas Medical centers Major public venues Government buildings Parks			
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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			
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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? Transit stations Senior centers High-density land uses Downtowns Shopping areas Medical centers Major public venues Government buildings Parks			Educational institutions
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? High-density land uses Downtowns Shopping areas Medical centers Major public venues Government buildings Parks			
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walking or bicycling customers, employees, students, visitors or others? Medical centers Major public venues Government buildings Parks			
visitors or others? Medical centers Major public venues Government buildings Parks	2a		
Major public venues Government buildings Parks			
Government buildings Parks			
Parks			
Other			Parks
Other			
		Other	

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

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	There were 2 collisions involving hieveles in the
	describe the outcomes of each:	There were 2 collisions involving bicycles in the previous 5 years, 1 caused an injury.
	describe the outcomes of each.	previous 5 years, i caused an injury.
	If so, what resources have you consulted?	Crossroads
	ii 30, what resources have you consuited:	0103310443
		City or town bicycle plan
		Countywide bicycle plan
		City or town pedestrian plan
		Countywide pedestrian plan
	De anno adante di plane a alli fan the develorment of	Combined bicycle and pedestrian plan
4-	Do any adopted plans call for the development of	ADA transition plan
4a	bicycle or pedestrian facilities on, crossing or adjacent to the proposed facility/project?	General plan
	to the proposed facility/project?	Specific plan
		Regional transportation Plan
		Sales tax expenditure plan
		Station area access plan
		No plans
	Other	
	Other	
	Is the proposed project consistent with these plans?	Yes
		Caltrans Deputy Directive 64
		Caltrans Highway Design Manual (Chapter 1000) ACR 211
		MUTCD 2003
	Do any local, statewide or federal policies call for	MUTCD California supplement
5a	incorporating bicycle and/or pedestrian facilities into this project?	Americans with Disabilities Act Accessibility Guidelines
		(ADAAG)
		MTC Pedestrian Districts Study
		None
		more
	Other	
	If so, have the policies been followed?	Yes
	ii so, have the policies been followed:	163
5b	N/A	Yes
		AAGUTOII
		AASHTO bicycle and pedestrian design guides
		Americans with Disabilities Act Accessibility Guidelines
		Caltrans Design Information Bulletin 89
		Caltrans Highway Design Manual
	If this project includes a bicycle and/or pedestrian	Caltrans California MUTCD
5c	facility, which applicable design standards or	Caltrans Pedestrian and Bicycle Facilities in California
	guidelines have been followed?	FHWA MUTCD
		ITE Designing Urban Walkable Thoroughfares NACTO Urban Bikeway Design Guide
		N/A - no bicycle or pedestrian facilities included
		None
	1	I .

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

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.
		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
	What accommodations, if any, are included for	Pedestrian-actuated traffic signals or routine pedestrian
7a	bicyclists and pedestrians in the proposed project	cycle
	design?	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
		111111111111111111111111111111111111111
		Right turn only lanes Transit vehicle stops
		Pedestrian countdown signals
		Way-finding or directional signage
		None
	Other	
	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.	
	If the proposed project incorporates neither bicycle nor	
	pedestrian facilities, or if the proposed project would	
8b	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?	

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

	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.	
		Alternative signed bicycle route
9a	How will access for bicyclists and pedestrians be	Alternative signed pedestrian route
Ja	maintained during project construction?	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

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
		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
	What bicycle and pedestrian accommodations are	cycle
1a	currently included on the facility or on facilities it	Bulb-outs
	intersects or crosses? Please check all that apply.	
		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.	
	i lease provide specifics of any items thetiked above.	
	If there are no existing pedestries or bissels facilities	0-1/4 mile
1h	If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest	1/4 mile to 1/2 mile
1b		1/2 mile to 1 mile
	parallel bikeways and walkways?	1+ mile
	ļ	<u> </u>

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

		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
	Please indicate needed pedestrian, bicycle, or transit	Widened curb lanes
1c	improvements in the project area that staff or the public	Bicycle parking
10	have identified	
	nave identified	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
<u> </u>		11010
	Other	
4.1		Almanor Avenue is a two-lane roadway with a 30 MPH
1d	Please describe the overall context of the project area:	speed limit.
		Unresponsive signals to bicycles
		Lack of bicycle parking
		Freeway on-off ramps
		Narrow curb lanes
		Choke points
		RR crossings
		No bike racks on buses
	What existing challenges could the proposed project	Wide roadway crossings
1e	improve for bicycle, pedestrian, or transit travel in the	Long signal cycles which require pedestrians to wait long
	vicinity of the proposed project?	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 existing bicycle facilities
		Educational institutions
	What trip generators (existing and future) are in the vicinity of the proposed project that might attract walking or bicycling customers, employees, students,	Transit stations
		Senior centers
		High-density land uses
22		Downtowns
2a		Shopping areas
	visitors or others?	Medical centers
		Major public venues
		Government buildings
		Parks
-		T GING
	Other	
<u> </u>	Other Control of the	

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

		T
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
		0
		City or town bicycle plan
1		Countywide bicycle plan
		City or town pedestrian plan
		Countywide pedestrian plan
	Do any adopted plans call for the development of	Combined bicycle and pedestrian plan
4a	bicycle or pedestrian facilities on, crossing or adjacent	ADA transition plan
	to the proposed facility/project?	General plan
		Specific plan
		Regional transportation Plan
Ì		Sales tax expenditure plan
l		Station area access plan
<u> </u>		No plans
	Othor	
	Other	
	Is the proposed project consistent with these plans?	Yes
		Caltrans Deputy Directive 64
		Caltrans Highway Design Manual (Chapter 1000)
		ACR 211
	Do any local, statewide or federal policies call for	MUTCD 2003
5a	incorporating bicycle and/or pedestrian facilities into	MUTCD California supplement
Ja	this project?	Americans with Disabilities Act Accessibility Guidelines (ADAAG)
Ì		MTC Pedestrian Districts Study
		None
		more
	Other	
	Other	
	If so, have the policies been followed?	Yes
5b	N/A	Yes
		AASHTO bicycle and pedestrian design guides
		Americans with Disabilities Act Accessibility Guidelines
		Caltrans Design Information Bulletin 89
		Caltrans Highway Design Manual
		Caltrans California MUTCD
_	If this project includes a bicycle and/or pedestrian facility, which applicable design standards or guidelines have been followed?	Caltrans Pedestrian and Bicycle Facilities in
5c		California
		FHWA MUTCD
		ITE Designing Urban Walkable Thoroughfares
		ITE Designing Urban Walkable Thoroughfares NACTO Urban Bikeway Design Guide
		ITE Designing Urban Walkable Thoroughfares

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 II bicycle lanes Class III bicycle routes 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?	

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	

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 Haile	sabbas@sunnyvale.ca.gov
	Contact Phone	4087307330
	Contact 1 none Contact Address	456 W. Olive Ave., Sunnyvale, CA 94086
	Contact Address	Class I bicycle paths
		Class II bicycle lanes
		Class III bicycle raites Class III bicycle routes
		Class IV bikeways
		Bicycle boxes
		Raised separated bikeways
		Bicycle Boulevards
		Bicycle Boulevarus Bicycle parking
		Sidewalks on one side or both sides of street
		Marked crosswalks
		Protected intersection
		Painted conflict zones
		Narrow unpaved path
	What bicycle and pedestrian accommodations are	Pedestrian-actuated traffic signals or routine pedestrian
1a	currently included on the facility or on facilities it	cycle Bulb-outs
	intersects or crosses? Please check all that apply.	Buib-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.	
	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
1b		1/4 mile to 1/2 mile
		1/2 mile to 1 mile
		1+ mile

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

	1	
		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
	Please indicate needed pedestrian, bicycle, or transit	Widened curb lanes
1c	improvements in the project area that staff or the public	Bicycle parking
	have identified	Traffic signals responsive to bicycles
	That of the state	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
	Others	
	Other	
		Mary Avenue is a four-lane roadway with a speed limit
1d	Please describe the overall context of the project area:	of 35 MPH
		OF 33 INIT IT
		Unresponsive signals to bicycles
		Lack of bicycle parking
		Freeway on-off ramps
		Narrow curb lanes
		Choke points
		RR crossings
		No bike racks on buses
	What existing challenges could the proposed project	Wide roadway crossings
1e	improve for bicycle, pedestrian, or transit travel in the	Long signal cycles which require pedestrians to wait long
10	vicinity of the proposed project?	periods of time
	violinty of the proposed project.	Short signal crossing times
		Narrow undercrossings, overcrossings
		Slip lanes
		Sidewalk obstruction or missing sidewalk
		Ÿ
		Pedestrian-level lighting
		Lack of ADA compliant facilities
		Lack of Transit vehicle stops
	Other	Gap in bicycle facilities
		Educational institutions
		Transit stations
	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?	Senior centers
		High-density land uses
		•
2a		Downtowns Sharping gross
		Shopping areas
		Medical centers
		Major public venues
		Government buildings
		Parks
		1
	Other	

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
	The second secon	
	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?	
		City or town bicycle plan
		Countywide bicycle plan
		City or town pedestrian plan
		Countywide pedestrian plan
	Do any adopted plans call for the development of	Combined bicycle and pedestrian plan
4a	bicycle or pedestrian facilities on, crossing or adjacent	ADA transition plan
	to the proposed facility/project?	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
		Caltrans Deputy Directive 64
		Caltrans Highway Design Manual (Chapter 1000)
		ACR 211
	Do any local, statewide or federal policies call for	MUTCD 2003
5a	incorporating bicycle and/or pedestrian facilities into	MUTCD California supplement
	this project?	Americans with Disabilities Act Accessibility Guidelines (ADAAG)
		MTC Pedestrian Districts Study
		None
		more
	Other	
	Other	
	If so, have the policies been followed?	Yes
5b	N/A	Yes
		AASHTO bicycle and pedestrian design guides
		Americans with Disabilities Act Accessibility Guidelines
		Caltrans Design Information Bulletin 89
		Caltrans Highway Design Manual
		Caltrans California MUTCD
_	If this project includes a bicycle and/or pedestrian facility, which applicable design standards or guidelines have been followed?	Caltrans Pedestrian and Bicycle Facilities in
5c		California
		FHWA MUTCD
		ITE Designing Urban Walkable Thoroughfares
		NACTO Urban Bikeway Design Guide
		N/A - no bicycle or pedestrian facilities included
		None
	-	

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.
		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
	What accommodations, if any, are included for	Narrow unpaved path
7a	bicyclists and pedestrians in the proposed project	Pedestrian-actuated traffic signals or routine pedestrian cycle
٠	design?	Bulb-out
	400.g.m	Buib-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
		INOTIE
	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.	
	- yes, present sections officially in solution	
	If the proposed project incorporates neither bicycle nor	
	pedestrian facilities, or if the proposed project would	
8b	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 biousle or dis-	
	What would be the cost of the added bicycle and/or pedestrian facility?	
	IDEUESHIMI MUHILIY!	1

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

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

	Name	Pastoria Avenue - Pedestrian Improvements
	Traine	Install sidewalks on both sides of street in project area
	Description	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
		Class I bicycle paths
		Class II bicycle lanes
		Class III bicycle routes
		Class IV bikeways
		Bicycle boxes
		Raised separated bikeways
		Bicycle Boulevards
l		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
	What bicycle and pedestrian accommodations are	cycle
1a	currently included on the facility or on facilities it	Bulb-outs
	intersects or crosses? Please check all that apply.	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.	
	If there are no existing pedestrian or bicycle facilities,	0-1/4 mile
1b	how far from the proposed project are the closest	1/4 mile to 1/2 mile
	parallel bikeways and walkways?	1/2 mile to 1 mile
		1+ mile
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Sunnyvale Peery Park Sense of Place Improvements: Pastoria Ave Ped Improvements

	1	
		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
	Please indicate needed pedestrian, bicycle, or transit	Widened curb lanes
1c	improvements in the project area that staff or the public	Bicycle parking
10	have identified	
	nave identified	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:	Pastoria Avenue is a two-lane 25 MPH roadway
	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
<u>.</u>		Wide roadway crossings
1e		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	
		Educational institutions
		Transit stations
		Senior centers
	What trip generators (existing and future) are in the	High-density land uses
22	vicinity of the proposed project that might attract	Downtowns
2a	walking or bicycling customers, employees, students,	Shopping areas
	visitors or others?	Medical centers
		Major public venues
		Government buildings
		Parks
-		i aino
	Othor	
-	Other	

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

f so, please provide the number of collisions and lescribe the outcomes of each: f so, what resources have you consulted? Oo any adopted plans call for the development of sicycle or pedestrian facilities on, crossing or adjacent of the proposed facility/project? Other Sthe proposed project consistent with these plans?	There was one injury collision involving a pedestrian on Pastoria Avenue in the previous 5 years Crossroads 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
Oo 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
oicycle or pedestrian facilities on, crossing or adjacent to the proposed facility/project? Other	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
	Yes
s the proposed project consistent with these plans?	Yes
Do any local, statewide or federal policies call for ncorporating bicycle and/or pedestrian facilities into his 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	
f so, have the policies been followed?	Yes
I/A	Yes
f this project includes a bicycle and/or pedestrian acility, which applicable design standards or juidelines 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
I,	this project includes a bicycle and/or pedestrian cility, which applicable design standards or

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?	

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	

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
		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
	M/hat hisyala and nadastrian accommodations are	Pedestrian-actuated traffic signals or routine pedestrian
10	What bicycle and pedestrian accommodations are	cycle
1a	currently included on the facility or on facilities it	Bulb-outs
	intersects or crosses? Please check all that apply.	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.	
	If there are no existing pedestrian or bicycle facilities,	0-1/4 mile
1b	how far from the proposed project are the closest	1/4 mile to 1/2 mile
-	parallel bikeways and walkways?	1/2 mile to 1 mile
		1+ mile

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

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 run only lanes None Other Other What existing challenges could the proposed project improve for bicycle, pedestrian, or transit travel in the vicinity of the proposed project? What trip generators (existing and future) are in the vicinity of the proposed project that might attract to the propers of the proposed project that wight attract to the proposed project that wight attract. What trip generators (existing and future) are in the vicinity of the proposed project that might attract. What trip generators (existing and future) are in the vicinity of the proposed project that might attract. What trip generators (existing and future) are in the vicinity of the proposed project that might attract. What trip generators (existing and future) are in the vicinity of the proposed project that might attract. What trip generators (existing and future) are in the vicinity of the proposed project that might attract. What trip generators (existing and future) are in the vicinity of the proposed project that might attract. What trip generators (existing and future) are in the vicinity of the proposed project that might attract.		<u> </u>	Improved lighting
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Government buildings Parks		VISITOLS OF OUR CES :	
Parks			, ,
Other			Parks
Other			
		Other	

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

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
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
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
N/A	Yes
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
	pedestrians along the route of the facility? If so, please provide the number of collisions and describe the outcomes of each: If so, what resources have you consulted? Do any adopted plans call for the development of bicycle or pedestrian facilities on, crossing or adjacent to the proposed facility/project? Other Is the proposed project consistent with these plans? Do any local, statewide or federal policies call for incorporating bicycle and/or pedestrian facilities into this project? Other If so, have the policies been followed? N/A If this project includes a bicycle and/or pedestrian facility, which applicable design standards or

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 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
	Othor	
	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?	

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
	Location Sunnyvale, CA Limits
	Fremont Avenue: Belleville Way to El Camino Real Detailed Description
PROJECT SUMMARY	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



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
		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
	What bicycle and pedestrian accommodations are	Pedestrian-actuated traffic signals or routine
la	currently included on the facility or on facilities it	pedestrian cycle
	intersects or crosses? Please check all that apply.	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.	
	If there are no existing neglectrian or biovele facilities	0-1/4 mile
1b	If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest parallel bikeways and walkways?	1/4 mile to 1/2 mile
		1/2 mile to 1 mile
		1+ mile

Sunnyvale: Fremont Ave Bikeway&Streetscape

	T	I
		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
	Please indicate needed pedestrian, bicycle, or transit	Widened curb lanes
1c	improvements in the project area that staff or the public	Bicycle parking
	have identified	Traffic signals responsive to bicycles
		Shorter vehicular traffic signal cycles
		Ŭ .
		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
		Notic
	Other	Protected bike lanes
		Fremont Avenue from Belleville Way to El Camino
		Real is a high volume, 40 mph roadway ranging from
1d	Please describe the overall context of the project area:	4 to 6 lanes in width. Major destinations and public
1 4	i loudo dodo libo tilo ovorali context or tilo project dica.	services along the corridor include local parks,
		Fremont High School, Westmoor Village Shopping
		Center, and De Anza Park
		Unresponsive signals to bicycles
		Lack of bicycle parking
		Freeway on-off ramps
		Narrow curb lanes
		Choke points
		RR crossings
	What existing challenges could the proposed project improve for bicycle, pedestrian, or transit travel in the vicinity of the proposed project?	No bike racks on buses
		Wide roadway crossings
1e		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	
		Educational institutions
	What trip generators (existing and future) are in the vicinity of the proposed project that might attract	Educational institutions
		Transit stations
		Senior centers
		High-density land uses
2a		Downtowns
	walking or bicycling customers, employees, students,	Shopping areas
	visitors or others?	Medical centers
		Major public venues
1		
		Government buildings
		Government buildings Parks

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 an what recourses have you consulted?	City of Supplyale collision records
	If so, what resources have you consulted?	City of Sunnyvale collision records
	Do any adopted plans call for the development of	City or town bicycle plan Countywide bicycle plan City or town pedestrian plan Countywide pedestrian plan Combined bicycle and pedestrian plan ADA transition plan
4a	bicycle or pedestrian facilities on, crossing or adjacent	General plan
	to the proposed facility/project?	Specific plan
		Regional transportation Plan
		Sales tax expenditure plan
		Station area access plan
		No plans
		ino piaris
	Other	
	Is the proposed project consistent with these plans?	No
		Caltrans Deputy Directive 64
		Caltrans Highway Design Manual (Chapter 1000)
		ACR 211
		MUTCD 2003
_	Do any local, statewide or federal policies call for	MUTCD California supplement
5a	incorporating bicycle and/or pedestrian facilities into	Americans with Disabilities Act Accessibility
	this project?	Guidelines (ADAAG)
		MTC Pedestrian Districts Study
		None
		more
	Other	
	If so, have the policies been followed?	Yes
5b	N/A	No

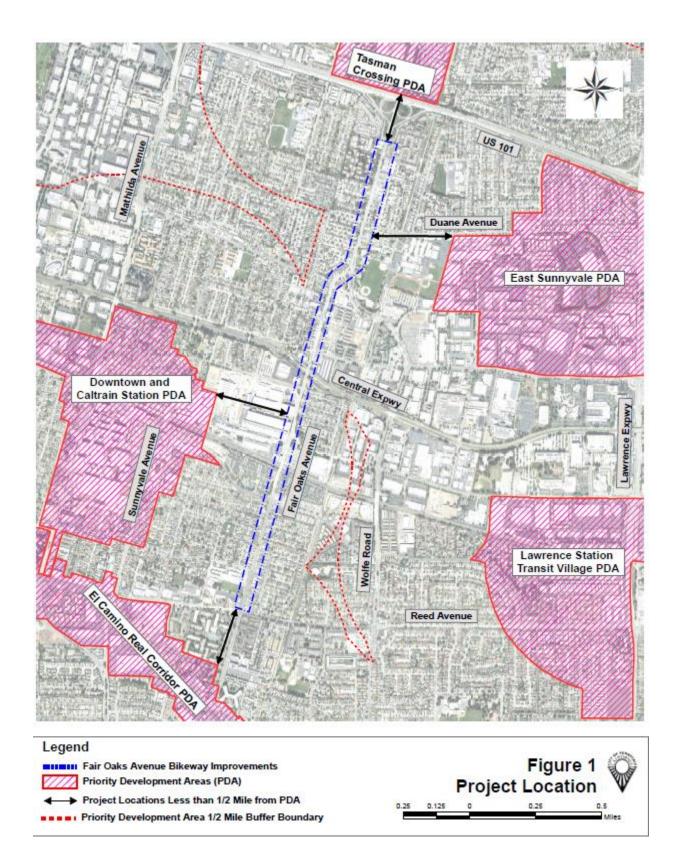
Sunnyvale: Fremont Ave Bikeway&Streetscape

		AASHTO bicycle and pedestrian design guides
		Americans with Disabilities Act Accessibility
		Guidelines
		Caltrans Design Information Bulletin 89
		Caltrans Highway Design Manual
	If this project includes a bicycle and/or pedestrian	Caltrans California MUTCD
5c	facility, which applicable design standards or	Caltrans Pedestrian and Bicycle Facilities in
	guidelines have been followed?	California
		FHWA MUTCD
		ITE Designing Urban Walkable Thoroughfares
		NACTO Urban Bikeway Design Guide
		N/A - no bicycle or pedestrian facilities included
		None
	What comments have been made regarding bicycle and	
	pedestrian accommodations at BPAC, stakeholder, or	Public involvement for this project is planned for the
6a	public meetings at which the proposed project has	next stage of project development.
	been discussed?	
	How have you responded to comments received?	
		Class I bicycle paths
		Class II bicycle lanes
		Class III bicycle raries
		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
	What accommodations if any are included for	Narrow unpaved path
7a	What accommodations, if any, are included for bicyclists and pedestrians in the proposed project design?	Pedestrian-actuated traffic signals or routine pedestrian
1 a		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.
	Will the proposed project remove an existing bicycle or	
8a	pedestrian facility or block or hinder bicycle or	No
oa	pedestrian movement?	

Sunnyvale: Fremont Ave Bikeway&Streetscape

	If yes, please describe situation in detail.	
	If the proposed project incorporates neither bicycle nor	
	pedestrian facilities, or if the proposed project would	
8b	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
	That a road diet or our parking removal constants	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	100
	bicycle and/or pedestrian facility of the total project	100
	cost?	
	If right-of-way challenges are the reason for the	
	hindrance, please explain the analysis that led to this	No additional right-of-way needed.
	conclusion.	Two duditional right of way ficeded.
		Alternative signed bicycle route
9a	How will access for bicyclists and pedestrians be	Alternative signed pedestrian route
Ja	maintained during project construction?	Separated pedestrian pathway
		Other
	Other	
	Other	
10-	What agency will be responsible for ongoing	City of Communals Department of Dublic Manda
10a	maintenance of the facility?	City of Sunnyvale Department of Public Works
4.0h	Have will an acing maintenance by hydrote 40	Annually
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.



Sunnyvale: Fair Oaks Streetscape & Bikeway

	Name	Fair Oaks Avenue Bikeway and Streetscape
	B 1.0	Median installation, turn restrictions, roadway geometric
	Description	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
	Contact Address	430 W. Olive Avenue Sunnyvale, CA 94000
		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
	What bicycle and pedestrian accommodations are	Narrow unpaved path
1a	currently included on the facility or on facilities it	Pedestrian-actuated traffic signals or routine
	intersects or crosses? Please check all that apply.	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
		INOTIC
	Other	
	Ouici	
		Dile leves on form interest them and a state of
		Bike lanes on four intersectiong roads, sidewalks on one or both sides continuously, marked bike detection, ADA compliant ramps at time of
	Please provide specifics of any items checked above.	construction, traffic signal push buttons including some Polara Navigator, ped countdown at some
		locations
		0-1/4 mile
	If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest parallel bikeways and walkways?	1/4 mile to 1/2 mile
1b		
		1/2 mile to 1 mile
		1+ mile
	<u> </u>	

Sunnyvale: Fair Oaks Streetscape & Bikeway

		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
	Places indicate needed nedestrian biovals or transit	Widened curb lanes
1c	Please indicate needed pedestrian, bicycle, or transit	
10	improvements in the project area that staff or the public have identified	
	nave identified	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
	Othor	
	Other	
1d	Please describe the overall context of the project area:	
		Liprophonius signals to hisyalas
		Unresponsive signals to bicycles Lack of bicycle parking
		Freeway on-off ramps
		Narrow curb lanes
		Choke points
		RR crossings
		No bike racks on buses
	What existing challenges could the proposed project	Wide roadway crossings
1e	improve for bicycle, pedestrian, or transit travel in the vicinity of the proposed project?	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	
		Educational institutions
		Transit stations
		Senior centers
	What trip generators (existing and future) are in the	High-density land uses
2a	vicinity of the proposed project that might attract	Downtowns
	walking or bicycling customers, employees, students,	Shopping areas
	visitors or others?	Medical centers
		Major public venues
		Government buildings
		Parks
	Other	

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
4 a	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

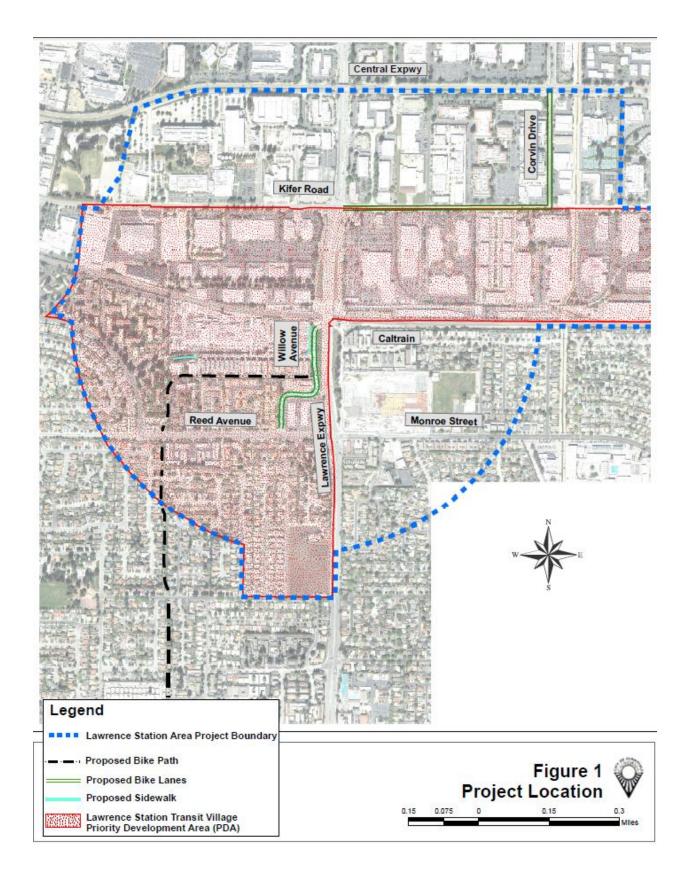
Sunnyvale: Fair Oaks Streetscape & Bikeway

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?	
	now have you responded to comments received?	
		Class I hisyala natha
		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
	What accommodations, if any, are included for	Narrow unpaved path
7a	bicyclists and pedestrians in the proposed project	Pedestrian-actuated traffic signals or routine pedestrian
7 4	design?	cycle Bulb-out
	accigii.	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	
	MCII de como en la contra de como en contra de	
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.	
	If the proposed project incorporates neither bicycle nor	
	pedestrian facilities, or if the proposed project would	
8b	hinder bicycle or pedestrian travel, list reasons why the	
00	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
	,	
	•	•

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

Location Willow Avenue and Aster Avenue Limits Evelyn Avenue and Lawrence Expressway Detailed Description 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: 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.	PROJECT TITLE	Lawrence Station Area Sidewalks and Bicycle Facilities
	PROJECT SUMMARY	Limits Evelyn Avenue and Lawrence Expressway Detailed Description 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: • 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



Sunnyvale: Lawrence Station Area

	Name	Lawrence Station PDA Sidewalks and Bike Lanes
		Sidewalk and Bike Lane construction to provide access to
	Description	the Lawrence Caltrain station
	Status	Approved
	Project	Lawrence Station PDA Sidewalks and Bike Lanes
	Location	Sunnyvale
	Contact Name	Jack Witthaus
	Contact Ranie	jwitthaus@sunnyvale.ca.gov
	Contact Phone	(408) 730-7330
	Contact Address	456 W. Olive Avenue, Sunnyvale, CA 94088
	Contact Address	450 W. Olive Averlue, Surinyvale, CA 94086
		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
	What bicycle and pedestrian accommodations are	Narrow unpaved path
1a	currently included on the facility or on facilities it intersects or crosses? Please check all that apply.	Pedestrian-actuated traffic signals or routine pedestrian
		cycle Bulb-outs
		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.	Partial sidewalks with ADA ramps exist in some areas
		0-1/4 mile
	If there are no existing pedestrian or bicycle facilities, how far from the proposed project are the closest parallel bikeways and walkways?	1/4 mile to 1/2 mile
1b		
		1/2 mile to 1 mile 1+ mile
		TT THIS

Sunnyvale: Lawrence Station Area

		Improved lighting
1c	Please indicate needed pedestrian, bicycle, or transit improvements in the project area that staff or the public have identified	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	
	Other	
1d	Please describe the overall context of the project area:	
		Unresponsive signals to bicycles
		Lack of bicycle parking
		Freeway on-off ramps
	What existing challenges could the proposed project improve for bicycle, pedestrian, or transit travel in the vicinity of the proposed project?	Narrow curb lanes
		Choke points
		RR crossings
		No bike racks on buses
4		Wide roadway crossings
1e		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	
		Educational institutions
		Transit stations
		Senior centers
	What trip generators (existing and future) are in the	High-density land uses
2a	vicinity of the proposed project that might attract	Downtowns
	walking or bicycling customers, employees, students,	Shopping areas
	visitors or others?	Medical centers
		Major public venues
		Government buildings
		Parks
	Other	
	Other	

Sunnyvale: Lawrence Station Area

Have you considered collisions involving bicyclists and pedestrians along the route of the facility?	
, ,	
If so, please provide the number of collisions and describe the outcomes of each:	
If so, what resources have you consulted? Crossroads database	
O'to an found his order	
City or town bicycle plan	
Countywide bicycle plan	
City or town pedestrian plan	
Countywide pedestrian plan	
Do any adopted plans call for the development of	estrian plan
Aba hicycle or pedestrian facilities on crossing or adjacent	
to the proposed facility/project?	
Specific plan	
Regional transportation Pla	an
Sales tax expenditure plan	
Station area access plan	
No plans	
Other	
Is the proposed project consistent with these plans? Yes	
Coltrana Danuty Directive 6	24
Caltrans Deputy Directive 6	
Caltrans Highway Design	i Manuai (Chapter 1000)
ACR 211	
Do any local, statewide or federal policies call for	
incorporating bicycle and/or padestrian facilities into	
this project?	es Act Accessibility
Guidelines (ADAAG)	
MTC Pedestrian Districts S	Study
None	
more	
Other	
If so, have the policies been followed?	
5b N/A Yes	
AASHTO bicycle and pede	strian design guides
	Act Accessibility Guidelines
Caltrans Design Information	
Caltrans Highway Design N	
Caltrana California MUTCD	
ir this project includes a bicycle and/or pedestrian	cycle Facilities in California
guidelines have been followed?	
FHWA MUTCD	
ITE Designing Urban Walka	
NACTO Urban Bikeway De	
N/A - no bicycle or pedestri	ian facilities included
None	
INOTIE	

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 was and all to a summent was its do	
	How have you responded to comments received?	
		Class I hisyala natha
		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
	What accommodations, if any, are included for	Pedestrian-actuated traffic signals or routine pedestrian
7a	bicyclists and pedestrians in the proposed project	cycle
	design?	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.	
	If the proposed project incorporates neither bicycle nor	
0h	pedestrian facilities, or if the proposed project would	
8b	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

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