

## Traffic Diversion – Sunnyvale

Eastbound Traffic West of Mathilda (Peak Hour)

Street	Capacity	Vehicle Volume		Capacity Used	
		2035 NP	2035 4+2	2035 NP	2035 4+2
Maude	1800/hr	1152	1204	64%	67%
Central Expwy	2900/hr	2330	2338	80%	81%
Evelyn	1800/hr	906	988	50%	55%
Remington	1900/hr	203	299	11%	16%
Fremont	1900/hr	1124	1214	59%	64%
Homestead	1900/hr	1582	1619	83%	85%

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## Bicycle Projections (2035)

El Camino Real Segment	Change 4+2* vs. Mixed Flow**
Mountain View/Los Altos	3.9x
Sunnyvale	4.4x
Santa Clara	5.4x

\* Bicycle lanes in Santa Clara, Sunnyvale and Mountain View from Showers to Lafayette

\*\*Bicycle lanes in Santa Clara from Lawrence to Lafayette

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**In a dedicated lanes configuration, what will happen to unsignalized left turns? How will that affect pedestrian crossings?**



Current configuration  
Unsignalized intersection

*Left turn is open  
Pedestrians cross at  
own risk*

4+2 configuration  
Limited Access

*Left turn is closed  
Right-in/right-out access  
only  
No pedestrian crossing*

4+2 configuration  
Signalized intersection  
*Left turn and crosswalk  
are signalized*

Unsignalized left turns would need to be signalized or removed to provide controlled access. With a new signal the project will also install crosswalks. VTA will defer to city preference for how to treat unsignalized intersections.

## Parking Inventory and Occupancy

	On-Street Along the Corridor	Occupied	On-Street on Cross Streets	Occupied	Off-Street Public Spaces	Occupied
Palo Alto	490	49.0%	732	34.9%	3,355	29.7%
Los Altos	110	26.4%	114	40.9%	2,531	34.1%
Mountain View	336	5.5%	373	43.6%	3,512	29.8%
Sunnyvale	337	25.2%	167	35.7%	6,407	34.6%
Santa Clara	450	19.6%	516	37.4%	5,213	38.4%
San Jose	222	13.5%	896	28.2%	2,272	55.8%
<b>TOTAL/AVG</b>	<b>1,945</b>	<b>25.2%</b>	<b>2,798</b>	<b>34.7%</b>	<b>23,290</b>	<b>36.0%</b>

## Analysis of Alternatives

### Three potential street configurations

- 6+2 configuration (would impact existing land uses, cost prohibitive)
- 4+2 configuration (4 general use lanes, 2 bus only lanes and bike lanes)
- Mixed flow (6 general use lanes, bus uses bulbout stops at right lane)

**6 Cities x 2 possible configurations = 36 combinations**

## Project Alternatives

Table 2-1 Location and Length of Dedicated Lanes

Optimized Transit Project	Option A	Option B	Option C	Option D	Option E	Option F	BRT500
Showers to Lafayette	Halford to Lafayette; No Build north of Halford	Halford to Lafayette; mixed flow north of Halford	Bernardo to Lafayette	Showers to Bernardo and Wolfe to Portola	Showers to Bernardo and Halford to Lafayette	Embarcadero to Showers and Halford to Lafayette	Showers to Lafayette; 5-min headway
10.31	2.97	2.97	6.70	8.71	6.58	7.03	10.31

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## Project Alternatives

Table 3-1 2035 Projected Boardings

Optimized Transit Project	TSM	Option A	Option B	Option C	Option D	Option E	Option F	BRT500
Showers to Lafayette	None	Halford to Lafayette; No Build north of Halford	Halford to Lafayette; mixed flow north of Halford	Bernardo to Lafayette	Showers to Bernardo and Wolfe to Portola	Showers to Bernardo and Halford to Lafayette	Embarcadero to Showers and Halford to Lafayette	Showers to Lafayette; 5-min headway
<b>BRT</b>	<b>22,717</b>	<b>17,086</b>	<b>19,710</b>	<b>21,673</b>	<b>21,369</b>	<b>20,610</b>	<b>21,906</b>	<b>28,017</b>
<b>Total Corridor</b>	<b>38,398</b>	<b>31,471</b>	<b>33,738</b>	<b>35,881</b>	<b>37,751</b>	<b>37,103</b>	<b>36,351</b>	<b>42,422</b>

25

## Project Alternatives

Table 3-2 2035 PM Peak Hour Round-trip In-Vehicle Travel Times (minutes)

Optimized Transit Project	Option A	Option B	Option C	Option D	Option E	Option F	BRT500
Showers to Lafayette	Halford to Lafayette; No Build north of Halford	Halford to Lafayette; mixed flow north of Halford	Bernardo to Lafayette	Showers to Bernardo and Wolfe to Portola	Showers to Bernardo and Halford to Lafayette	Embarcadero to Showers and Halford to Lafayette	Showers to Lafayette; 5-min headway
123.7	161.7	161.7	145.9	127.0	139.5	144.5	123.7

5

## Project Alternatives

Table 3-3 Capital Costs including vehicles (2012 dollars x 1,000)

Optimized Transit Project	Option A	Option B	Option C	Option D	Option E	Option F	BRT500
Showers to Lafayette	Halford to Lafayette; No Build north of Halford	Halford to Lafayette; mixed flow north of Halford	Bernardo to Lafayette	Showers to Bernardo and Wolfe to Portola	Showers to Bernardo and Halford to Lafayette	Embarcadero to Showers and Halford to Lafayette	Showers to Lafayette; 5-min headway
\$239,818	\$117,532	\$187,977	\$213,016	\$230,671	\$213,570	\$231,024	\$257,968

## Project Alternatives

Table 3-4 2035 Annual Net O&M Costs\* (2012 dollars x 1,000)

Optimized Transit Project	Option A	Option B	Option C	Option D	Option E	Option F	BRT500
Showers to Lafayette	Halford to Lafayette; No Build north of Halford	Halford to Lafayette; mixed flow north of Halford	Bernardo to Lafayette	Showers to Bernardo and Wolfe to Portola	Showers to Bernardo and Halford to Lafayette	Embarcadero to Showers and Halford to Lafayette	Showers to Lafayette; 5-min headway
\$8,407	\$12,992	\$12,376	\$10,669	\$9,056	\$10,586	\$10,282	\$11,153

5

## Project Alternatives

Table 3-5 Annualized Costs per 2035 Weekday Boarding (2012 dollars)

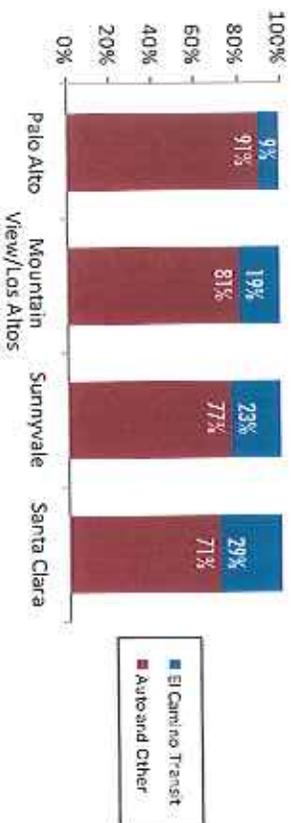
Optimized Transit Project	Option A	Option B	Option C	Option D	Option E	Option F	BRT500
Showers to Lafayette	Halford to Lafayette; No Build north of Halford	Halford to Lafayette; mixed flow north of Halford	Bernardo to Lafayette	Showers to Bernardo and Wolfe to Portola	Showers to Bernardo and Halford to Lafayette	Embarcadero to Showers and Halford to Lafayette	Showers to Lafayette; 5-min headway
\$4.59	\$4.76	\$4.94	\$4.64	\$4.90	\$4.88	\$4.80	\$4.37

52

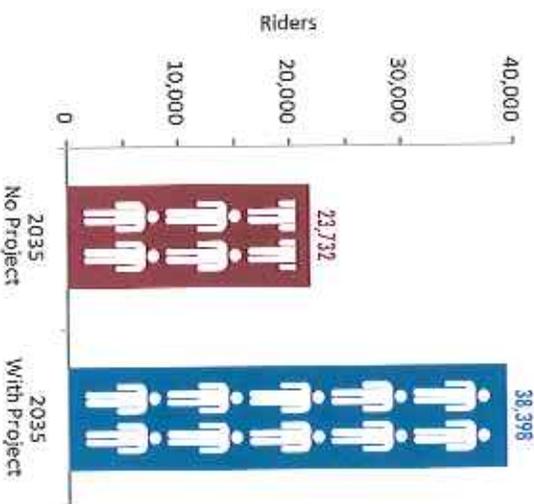
# EL CAMINO REAL By the Numbers



## MODE SHARE

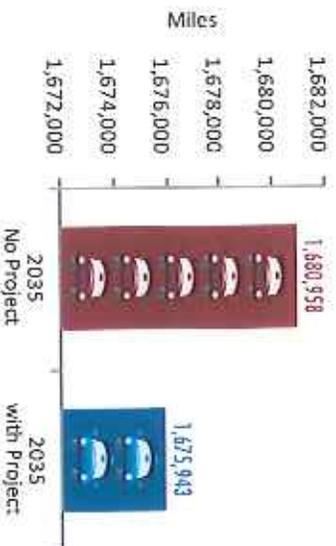


## RIDERSHIP



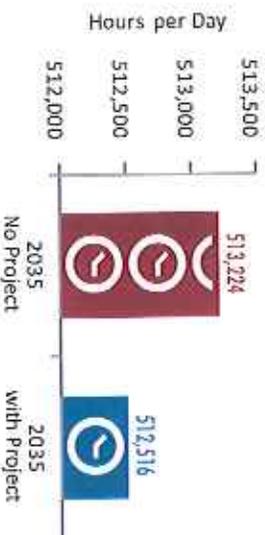
## VEHICLE MILES TRAVELED

PM Peak Hour



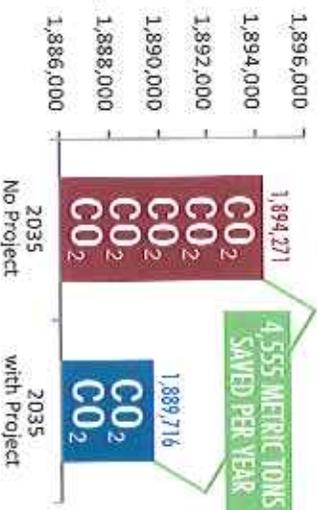
## VEHICLE HOURS TRAVELED

Daily



## GREENHOUSE GASES

Metric Tons CO<sub>2</sub> Equivalents per Year

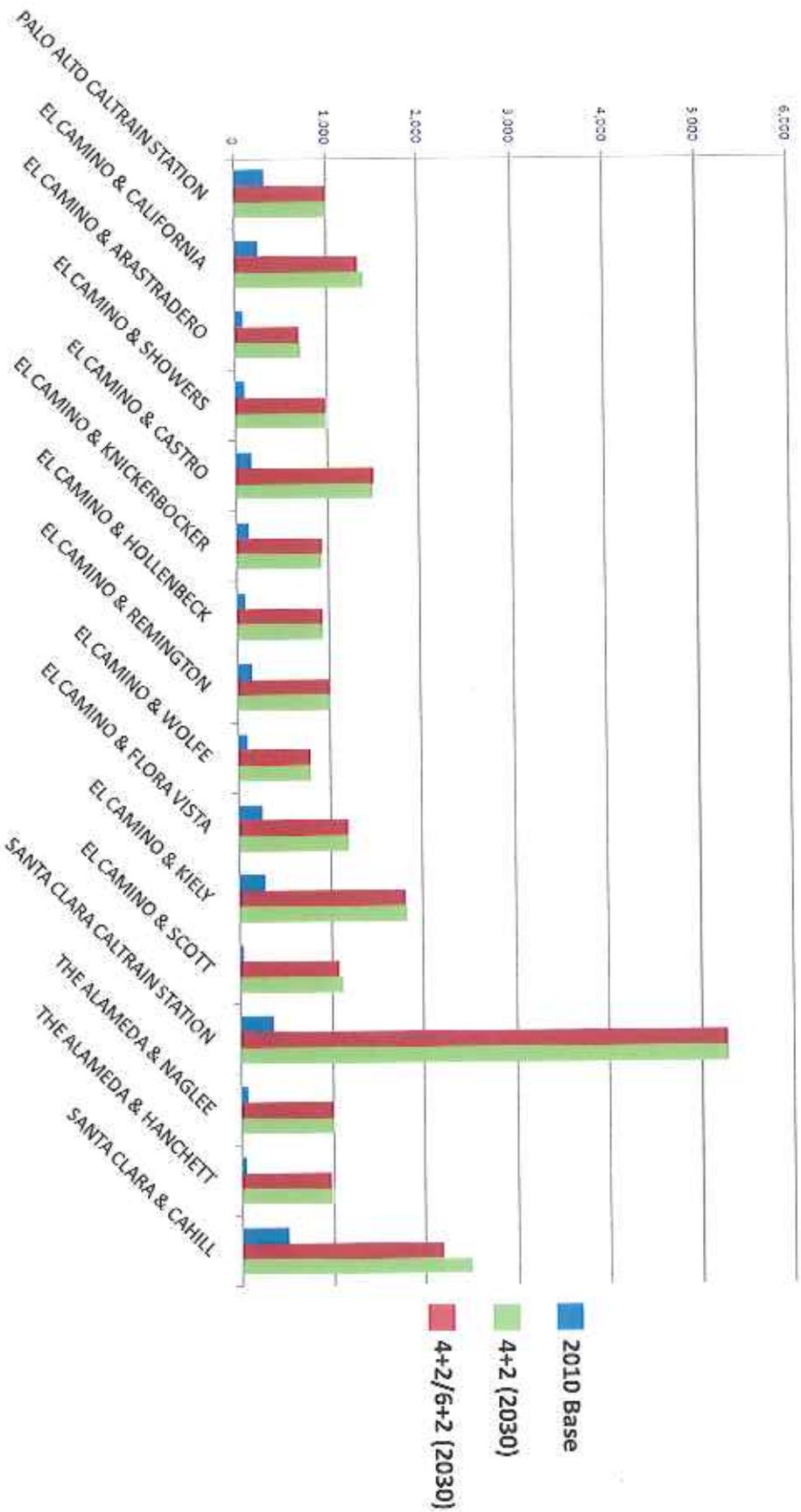




# BUS RAPID TRANSIT



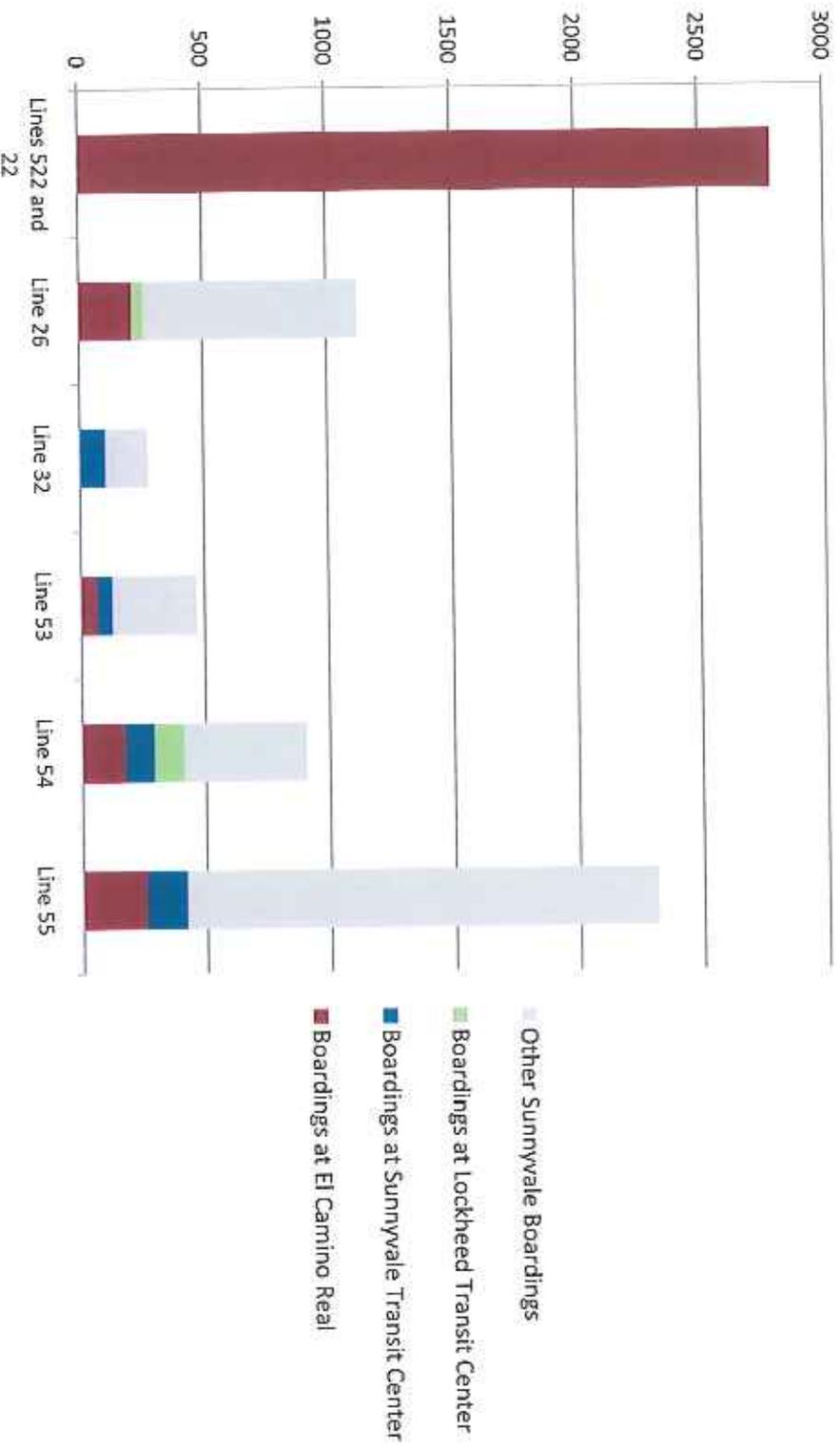
## 522 Ridership By Station



# BUS RAPID TRANSIT

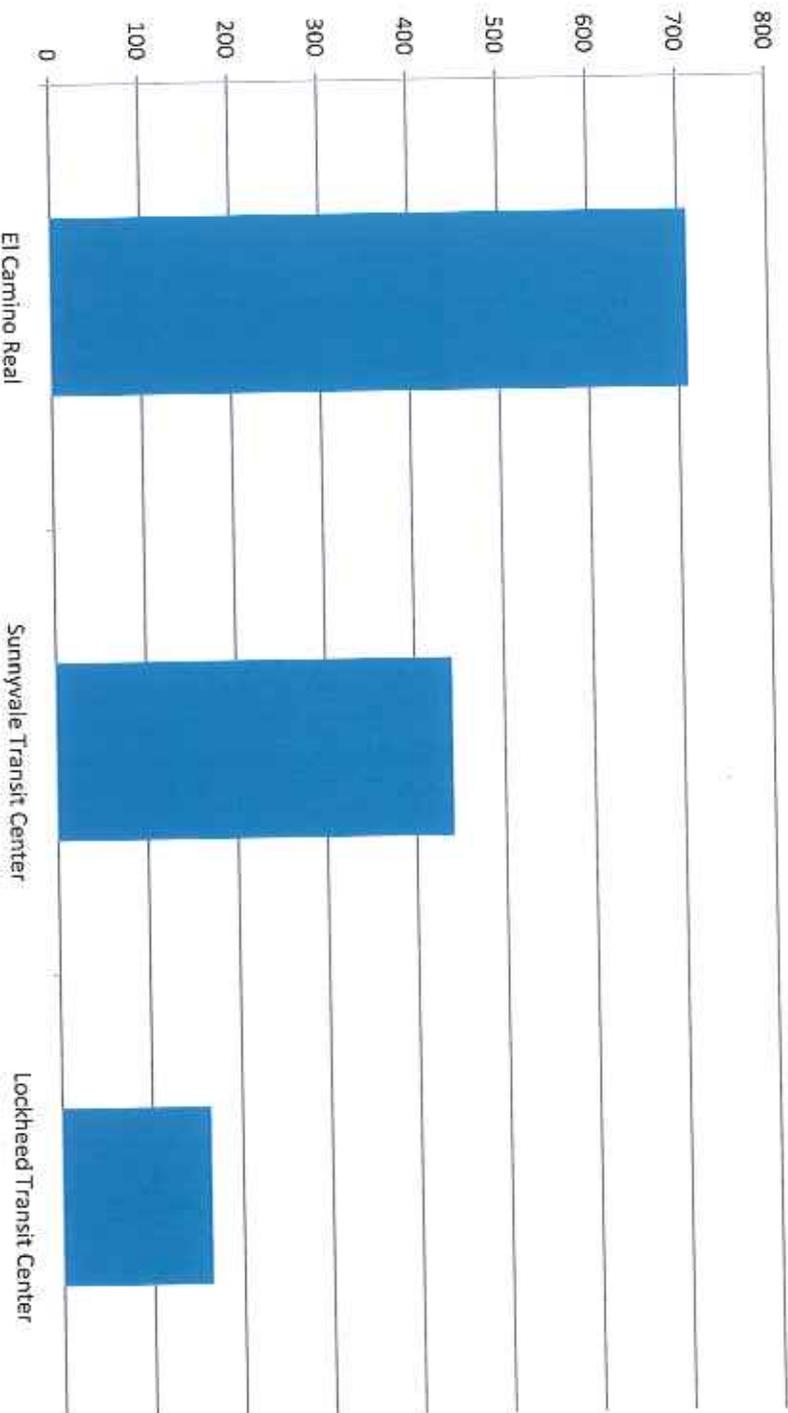


## Daily Boardings of Sunnyvale Transit Routes



## Sunnyvale Transit Routes

Daily boardings by location



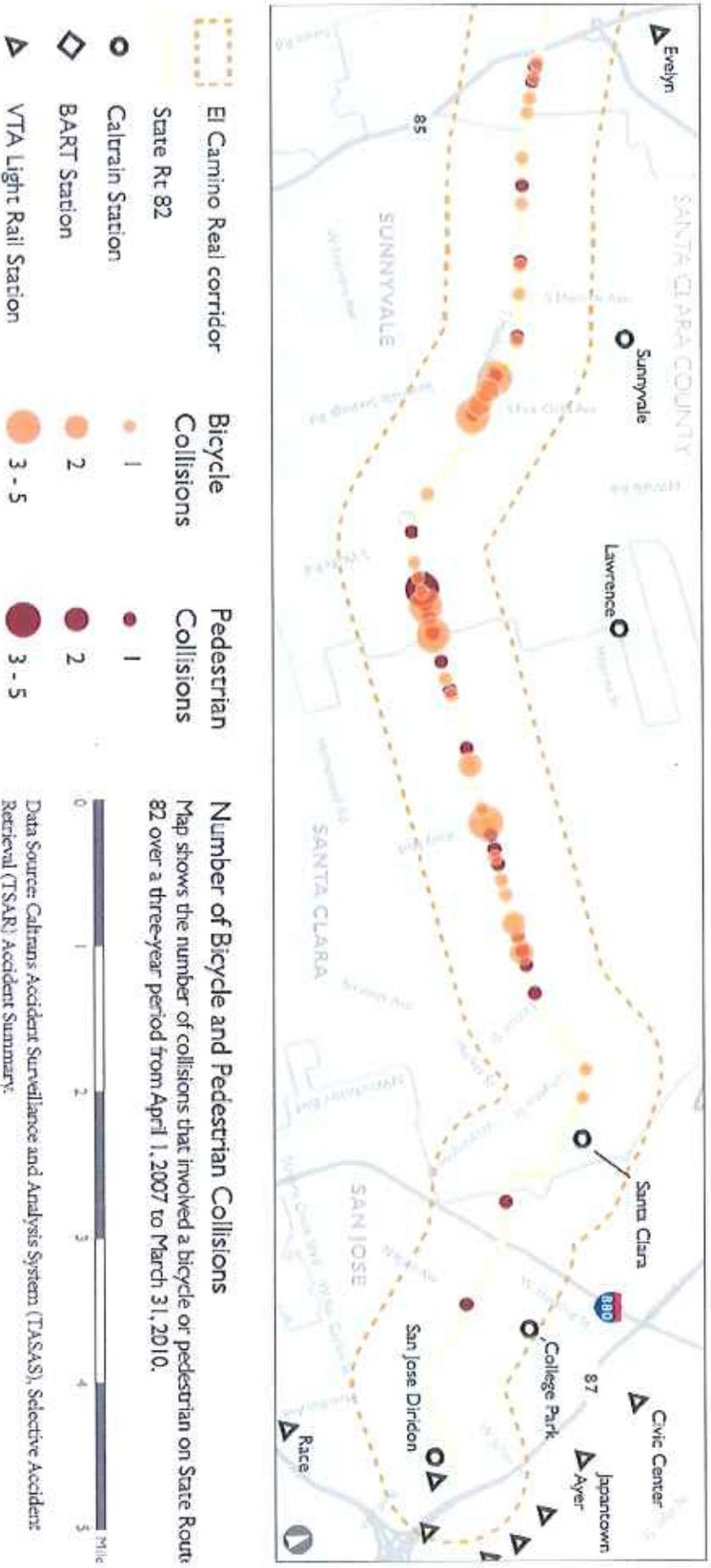
Combined totals of lines 26, 32, 53, 54 and 55

# BUS RAPID TRANSIT



## Bike and ped collisions with autos (2007-2010)

Source: Grand Boulevard Initiative

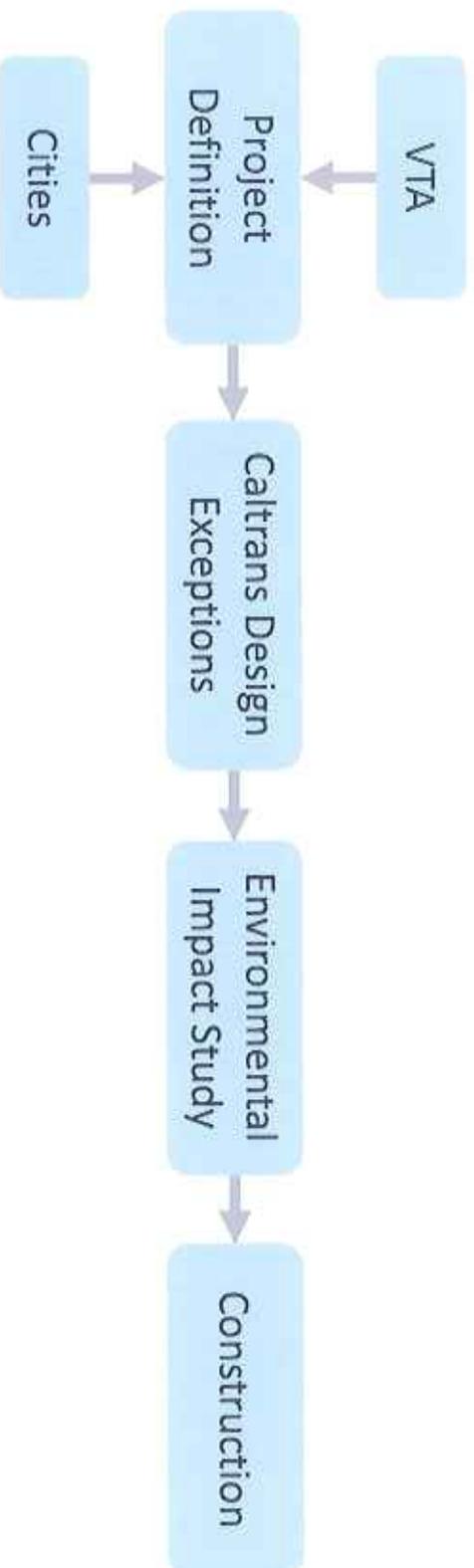


20  
5

## Frequently Asked Questions:

### How does the decision making process involving VTA, Caltrans and the Cities work?

Caltrans owns El Camino Real (State Route 82) and must grant design exceptions to VTA to make the changes proposed by the project. Caltrans will likely only grant design exceptions provided there is consensus between the city and VTA on project design.

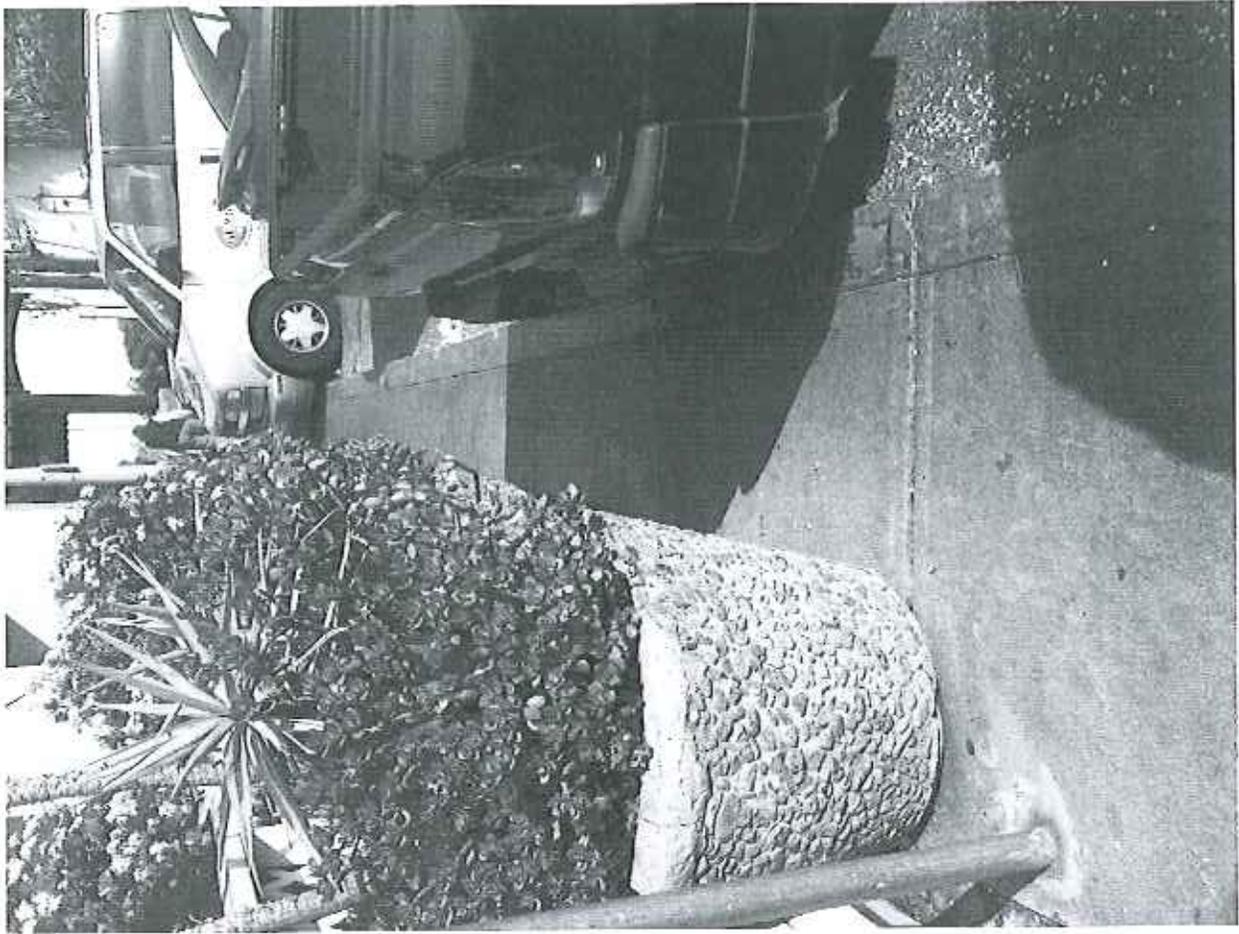


Attachment D

**From:** "Cathy B. Switzer" <cbsbikes@me.com>  
**To:** Jack Witthaus <JWitthaus@ci.sunnyvale.ca.us>  
**Date:** 2/18/2012 11:00 AM  
**Subject:** Blocked sidewalk downtown  
**Attachments:** photo.JPG; Part.002

By Gumba's. Can anything be done about it?

Cathy



**Jack Witthaus - Re: Letter to Pastoria Ave residents about parking/bike lane**

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**From:** Mary Mayfield <Mayfield\_Mary@GSB.Stanford.Edu>  
**To:** Bpac <jwitthaus@ci.sunnyvale.ca.us>  
**Date:** 2/24/2012 8:38 AM  
**Subject:** Re: Letter to Pastoria Ave residents about parking/bike lane

---

Hi Jack,  
thank you for your reply. The side streets Muender, Coolidge and Lewis will all be affected since I have 4 cars and no drive way. I will have to park on a side street. It would be nice if these residents could be notified also.  
Thank you,  
Mary

On Fri, Feb 24, 2012 at 8:33 AM, Bpac <jwitthaus@ci.sunnyvale.ca.us> wrote:



Dear Mary Mayfield,

Thank you for your inquiry regarding the Pastoria Avenue bike lanes project. Residents on those streets that would be directly affected by the bike improvement proposals were notified. This included Charles Street, Sutter and Sunset.

Thank you,  
Jack Witthaus  
[jwitthaus@ci.sunnyvale.ca.us](mailto:jwitthaus@ci.sunnyvale.ca.us)

----- Your Original Message -----

**Request #:** 20197  
**From:** Mary Mayfield  
**Date:** 02-23-12 8:33 am  
**Subject:** Letter to Pastoria Ave residents about parking/bike lane  
**Message:** Did only Pastoria Ave residents receive the letter about the community meeting on Feb 29th? I am wondering if the side streets (Coolidge, Muender or Lewis) received this letter since it will impact them. Thank you,

**Jack Witthaus - Re: Bike lanes on Pastoria/Evelyn**

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**From:** Martha Montague <martha@californiaclimber.com>  
**To:** BPAC <jwitthaus@ci.sunnyvale.ca.us>  
**Date:** 2/29/2012 10:49 PM  
**Subject:** Re: Bike lanes on Pastoria/Livelyn

---

Jack,

I wanted to thank you for your presentation to our community tonight. I think you did a really good job with a difficult audience, and it seemed like by the end there was some useful ideas discussed.

And I liked the bicycle boulevard idea, if it can be done with only eliminating a few parking spots. It seems like it would satisfy the requests to reduce traffic speeds while making the street bike friendly.

-Martha

On Mon, Feb 27, 2012 at 8:51 AM, BPAC <jwitthaus@ci.sunnyvale.ca.us> wrote:



Dear Martha Montague & Mikael Arneborn,

Thank you for your input on bike issues in your area. I look forward to your attendance at the meeting this Wednesday. Your comments will be noted for the record and for City Council consideration. FYI, there are no plans to eliminate bike lanes on Evelyn.

Thank you,  
Jack Witthaus  
[jwitthaus@ci.sunnyvale.ca.us](mailto:jwitthaus@ci.sunnyvale.ca.us)

----- Your Original Message -----

**Request #:** 20239  
**From:** Martha Montague & Mikael Arneborn  
**Date:** 02-26-12 4:56 pm  
**Location:** Evelyn west of Mathilda  
**Subject:** Bike lanes on Pastoria/Evelyn  
**Message:** Dear Bicycle Committee Members, My husband and I have lived in Sunnyvale for almost 10 years, and for the last 3 years have owned at house at 113 Waverly St, near the corner with Evelyn. We are both avid bikers, and my husband bikes to work almost every day, taking our 2 year old daughter with her. One of our

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neighbors just told us that the bike lanes on Evelyn between our house and Mathilda are being eliminated permanently. If this is true, this is very upsetting. We go this way every morning to work, and see many many people biking the same way. This is the best way to get to the CalTrain station from the west side. Without a bike lane, it will be significantly more dangerous for us to bike with our daughter to her daycare down Evelyn, and force us to go significantly out of our way. One of the many reasons we moved to Sunnyvale was because it is bike friendly, and this change is a large step in the wrong direction. In addition, my neighbor just told us that instead of this bike lane down Evelyn where it is needed, a bike lane is being created on Pastoria and on-street parking will be prohibited. We strongly oppose this. In our neighborhood most people park at least one car on the street, if not more, since driveways and garages are all small. This would be a large inconvenience for everyone on Pastoria, and force them to park on our street, where parking is already tight. And the return on investment is not there - we rarely ever see anyone biking on that street, and every time I have biked on Pastoria I have felt very safe doing so. It is not a street with high enough traffic to necessitate dedicated bike lanes, in my opinion. We will be attending the meeting on Wednesday in opposition of the bicycle lane on Pastoria, and would appreciate your consideration of our input on the bike lane on Evelyn, in case there's any chance that the bike lane can be added back in. Sincerely, Martha Montague, PhD Production Manager, Kovio Inc  
Mikael Arneborn Engineer, Intel

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## Jack Witthaus - Proposed Bike Lane Plan for South Pastoria Ave - Removal of On-Street Parking

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**From:** Tom Verbeure <tom.verbeure@yahoo.com>  
**To:** <Council@ci.sunnyvale.ca.us>, <jwitthaus@ci.sunnyvale.ca.us>  
**Date:** 3/4/2012 11:49 PM  
**Subject:** Proposed Bike Lane Plan for South Pastoria Ave - Removal of On-Street Parking  
**CC:** Grace Sun <grace.sun99@gmail.com>

---

Dear City Council, Mr. Witthaus,

Last week, we attended a meeting in at the Washinton Park community building where different alternatives for the city's plan for bike improvements along South Pastoria Ave were presented.

We are avid bikers: every school day morning, my neighbor and his 3 kids, my step-daughter and myself, "the bike armada", heads out to Cumberland Elementary and Sunnyvale Middle School. I often bike to work in Santa Clara. Our daughter bikes back from SMS with friend to home at the end of the school day. We bike during weekends.

We support the idea of adding bike safe arterics in Sunnyvale, and a safer biking environment in Pastoria Avenue.

However, we would like to express our concern for Alternative Proposal 1: 2 5-foot wide bike lanes with **the removal of all on-street parking.**

Various objections were raised during the meeting:

- \* first and foremost: most families simply don't have enough driveway space to accommodate all their cars. For a family with 2 working adults and, soon, a college age kid, 3 cars will soon be the norm.
- \* With side streets *already* crowded with on-street parked cars, there's little room for overflow capacity there.
- \* Side street residents, also present at the meeting, are/will be than pleased to see their spots taken by the newcomers.
- \* The reduced parking capacity and resulting inconvenience will put negative pressure on house value.
- \* Pastoria Ave as-is sees its fair share of Mathilda-avoiding traffic during peak hours. Just making Pastoria Ave safer (slower!) in general should greatly improve bike safety.

The last point seems to match Alternative Proposal 2: a bike boulevard. Not a lot of details were given, but our understanding was that it would result in minimal loss of on-street parking space while still improving safety by adding speed bump, mini-traffic circles and various other ways to slow down traffic. It would be beneficial to all parties: safer traffic for cars, bikes and pedestrians. Reduced traffic. Lower noise. Happy locals.

At the (highly attended) community meeting, a large majority was against the city bike plans. It's unfortunate that the draconian nature of proposal 1 has turned a lot of inhabitants against what is otherwise a good idea: bike safety.

We would like to urge the city council not to pursue Proposal 1 and consider other alternatives that don't significantly reduce parking spaces.

Thanks,

Tom Verbeure, Grace Sun, Amanda Sun  
 312 S Pastoria Ave  
 Sunnyvale

## Jack Witthaus - POLICY--Fwd: Re: Bike Route on the Agenda

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**From:** Heidi Kirk  
**To:** COUNCIL  
**Date:** 3/6/2012 9:08 AM  
**Subject:** POLICY--Fwd: Re: Bike Route on the Agenda  
**CC:** Campbell, Coryn; Clerk; Kahn, David; Luebbers, Gary; Steffens, Kent; Uribe, Christina; Walker, Robert; Witthaus, Jack

---

Forwarding from Council AnswerPoint.

>>> On 3/6/2012 at 9:08 AM, Heidi Kirk <heidi.kirk@ci.sunnyvale.ca.us> wrote:

Ms. Stewart:

Thank you for your email to the Council AnswerPoint. I am forwarding your message to Council, copying key City staff for their information as well.

Ms. Heidi Kirk  
Executive Assistant  
Office of the Mayor and City Council  
City of Sunnyvale, CA 94088-3707 USA  
hkirk@ci.sunnyvale.ca.us  
[www.sunnyvale.ca.gov](http://www.sunnyvale.ca.gov)  
PH: (408) 730-7470  
FAX: (408) 730-7699



Save the environment. Please don't print this email unless you really need to.

>>> On 3/6/2012 at 1:35 AM, Teri Stewart <grflora1@yahoo.com> wrote:

Hello City Council Members,

I understand that the bike route on Mary Avenue is having a bit of difficulty in getting started as it has been added to another project and now you are working to put that project aside in order to pick up another worthy project. If you would be so kind as to separate the bike lane project and fortify it with the funding already promised and put this project on it's own ground and move it forward, it would be an asset to the Council for looking forward and moving Sunnyvale into the future as a bike-friendly city and with less pollution. Please, reconsider your present stance and separate the bike project now and move it forward with the funding it already has in place.

Thank you for your time and attention to this important matter for the citizens of Sunnyvale.

Sincerely,

Teri

Theresa E. Stewart  
408-515-2444  
President  
Gardens In Friendship Together (GIFT)

## Jack Witthaus - POLICY--Fwd: Re: Bike lanes and road diet for Mary Avenue

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**From:** Heidi Kirk  
**To:** COUNCIL  
**Date:** 3/6/2012 9:10 AM  
**Subject:** POLICY--Fwd: Re: Bike lanes and road diet for Mary Avenue  
**CC:** Campbell, Coryn; Clerk; Kahn, David; Luebbers, Gary; Steffens, Kent; Uribe, Christina; Walker, Robert; Witthaus, Jack

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Forwarding from Council AnswerPoint.

>>> On 3/6/2012 at 9:09 AM, Heidi Kirk <heidi.kirk@ci.sunnyvale.ca.us> wrote:

Mr. Glaser:

Thank you for your email to the Council AnswerPoint. I am forwarding your message to Council, copying key City staff for their information as well.

Ms. Heidi Kirk  
 Executive Assistant  
 Office of the Mayor and City Council  
 City of Sunnyvale, CA 94088-3707 USA  
 hkirk@ci.sunnyvale.ca.us  
[www.sunnyvale.ca.gov](http://www.sunnyvale.ca.gov)  
 PH: (408) 730-7470  
 FAX: (408) 730-7699

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>>> On 3/6/2012 at 6:00 AM, "Gerald (Gerry) Glaser" <gaglaser@scalablepower.net> wrote:

Kevin Jackson recently sent out a message explaining that through an oversight, the Mary Avenue bike lane improvement plan might not move forward.

Over the past century our city grew with the assumption that an automobile would forever be the primary method for people to complete those things they do on a daily basis. We now know that assumption was a bad one to make economically as well as environmentally.

Mary Avenue is due for a road diet - with 6 lanes in some locations (2 lanes of parking and 4 of traffic) it is oversized in all the neighborhoods where it primarily supports residences. Our goal is no longer to speed people through our city, but rather to make safe streets that can be used by more than just autos.

25% of land in Sunnyvale is paved to support automobiles. Examining Mary Avenue and recovering some of that lane for more productive uses (like bikes) is a step we should not forget to make.

Regards,

Gerry Glaser

1165 Regia Ct.

--

Gerald (Gerry) Glaser

408 482-6881

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## Jack Witthaus - POLICY--Fwd: Re: Mary Ave Bike lanes

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**From:** Heidi Kirk  
**To:** COUNCIL  
**Date:** 3/6/2012 9:12 AM  
**Subject:** POLICY--Fwd: Re: Mary Ave Bike lanes  
**CC:** Campbell, Coryn; Clerk; Kahn, David; Luebbers, Gary; Steffens, Kent; Uribe, Christina; Walker, Robert; Witthaus, Jack

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Forwarding from Council AnswerPoint.

>>> On 3/6/2012 at 9:11 AM, Heidi Kirk <heidi.kirk@ci.sunnyvale.ca.us> wrote:

Mr. Matusiak:

Thank you for your email to the Council AnswerPoint. I am forwarding your message to Council, copying key City staff for their information as well.

Ms. Heidi Kirk  
Executive Assistant  
Office of the Mayor and City Council  
City of Sunnyvale, CA 94088-3707 USA  
hkirk@ci.sunnyvale.ca.us  
[www.sunnyvale.ca.gov](http://www.sunnyvale.ca.gov)  
PH: (408) 730-7470  
FAX: (408) 730-7699



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>>> On 3/6/2012 at 7:35 AM, Robert Matusiak <dew812@sbcglobal.net> wrote:

Please move the bike ;ane project forward and keep it separate from th Mary Ave bridge controversy.

Thank you...Bob Matusiak 726 Bantry Ct Sunnyvale 94087

**Jack Witthaus - POLICY--Fwd: Re: Mary Bike lanes**

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**From:** Heidi Kirk  
**To:** COUNCIL  
**Date:** 3/6/2012 9:13 AM  
**Subject:** POLICY--Fwd: Re: Mary Bike lanes  
**CC:** Campbell, Coryn; Clerk; Kahn, David; Luebbers, Gary; Steffens, Kent; Uribe, Christina; Walker, Robert; Witthaus, Jack

---

Forwarding from Council AnswerPoint.

>>> On 3/6/2012 at 9:12 AM, Heidi Kirk <heidkirk@ci.sunnyvale.ca.us> wrote:

Mr. Respecke:

Thank you for your email to the Council AnswerPoint. I am forwarding your message to Council, copying key City staff for their information as well.

Ms. Heidi Kirk  
Executive Assistant  
Office of the Mayor and City Council  
City of Sunnyvale, CA 94088-3707 USA  
hkirk@ci.sunnyvale.ca.us  
[www.sunnyvale.ca.gov](http://www.sunnyvale.ca.gov)  
PH: (408) 730-7470  
FAX: (408) 730-7699

 Save the environment. Please don't print this email unless you really need to. 

>>> On 3/6/2012 at 7:54 AM, dave respecke <dcreSpecke@yahoo.com> wrote:

City Council  
- Please vote/ decide to continue the work on the Mary Street Bike lanes regardless of the other projects that is or is not tied to. We need all the Bike lanes we can get in Sunnyvale for safety sake and it also help promoting getting somewhere on your Bike if you are given a safe way to get there!  
Thanks  
Signed-An avid Bike rider in Sunnyvale who needs other safe bike trail/paths/lanes other than Stevens Creek Trail to get around Sunnyvale!  
dave respecke  
1244 Balboa Ct. #5 Sunnyvale ,Ca  
94086

**Jack Witthaus - POLICY--Fwd: Re: Mary bike lanes - plse proceed**

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**From:** Heidi Kirk  
**To:** COUNCIL  
**Date:** 3/6/2012 9:14 AM  
**Subject:** POLICY--Fwd: Re: Mary bike lanes - plse proceed  
**CC:** Campbell, Coryn; Clerk; Kahn, David; Luebbers, Gary; Steffens, Kent; Uribe, Christina; Walker, Robert; Witthaus, Jack

---

Forwarding from Council AnswerPoint.

>>> On 3/6/2012 at 9:13 AM, Heidi Kirk <heidi.kirk@ci.sunnyvale.ca.us> wrote:

Mr. Lott:

Thank you for your email to the Council AnswerPoint. I am forwarding your message to Council, copying key City staff for their information as well.

Ms. Heidi Kirk  
Executive Assistant  
Office of the Mayor and City Council  
City of Sunnyvale, CA 94088-3707 USA  
hkirk@ci.sunnyvale.ca.us  
[www.sunnyvale.ca.gov](http://www.sunnyvale.ca.gov)  
PH: (408) 730-7470  
FAX: (408) 730-7699



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>>> On 3/6/2012 at 8:11 AM, "Lott, Andrew D" <andrew.d.lott@lmco.com> wrote:

As a bike commuter, I am disappointed to learn the project to install bike lanes on Mary Avenue from Fremont to Maude is "on hold" due to it's tie in with the Mary Avenue 101/237 overpasses.

I request the city continue to move forward with the bike lanes separately. It is a dangerous commute currently and the addition of the bike lanes would be a welcome improvement.

Thank You.

Andy Lott  
694 Gail Avenue  
Sunnyvale, CA 94086

## Jack Witthaus - POLICY--Fwd: Re: Bike Lane Project

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**From:** Heidi Kirk  
**To:** COUNCIL  
**Date:** 3/6/2012 10:38 AM  
**Subject:** POLICY--Fwd: Re: Bike Lane Project  
**CC:** Campbell, Coryn; Clerk; Kahn, David; Luebbers, Gary; Steffens, Kent; Uribe, Christina; Walker, Robert; Witthaus, Jack

---

Forwarding from Council AnswerPoint.

>>> On 3/6/2012 at 10:37 AM, Heidi Kirk <heidi.kirk@ci.sunnyvale.ca.us> wrote:

Dear Dana Warren:

Thank you for your email to the Council AnswerPoint. I am forwarding your message to Council, copying key City staff for their information as well.

Ms. Heidi Kirk  
Executive Assistant  
Office of the Mayor and City Council  
City of Sunnyvale, CA 94088-3707 USA  
hkirk@ci.sunnyvale.ca.us  
[www.sunnyvale.ca.gov](http://www.sunnyvale.ca.gov)  
PH: (408) 730-7470  
FAX: (408) 730-7699

 Save the environment. Please don't print this email unless you really need to. 

>>> On 3/6/2012 at 10:09 AM, Dana Warren <dana14534@yahoo.com> wrote:

As a Sunnyvale resident and as a cyclist, I am emailing the city council members to let them know the bike lane project is important and should proceed on its own merits, regardless of what happens to the bridge.

Thank you.

Dana Warren

**Jack Witthaus - POLICY--Fwd: Re: Mary Ave. needs bicycle lanes from from Fremont to Maude**

---

**From:** Heidi Kirk  
**To:** COUNCIL  
**Date:** 3/6/2012 10:42 AM  
**Subject:** POLICY--Fwd: Re: Mary Ave. needs bicycle lanes from from Fremont to Maude  
**CC:** Campbell, Coryn; Clerk; Kahn, David; Luebbers, Gary; Steffens, Kent; Uribe, Christina; Walker, Robert; Witthaus, Jack

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Forwarding from Council AnswerPoint.

>>> On 3/6/2012 at 10:41 AM, Heidi Kirk <heidi.kirk@ci.sunnyvale.ca.us> wrote:

Ms. Wolnik:

Thank you for your email to the Council AnswerPoint. I am forwarding your message to Council, copying key City staff for their information as well.

Ms. Heidi Kirk  
Executive Assistant  
Office of the Mayor and City Council  
City of Sunnyvale, CA 94088-3707 USA  
hkirk@ci.sunnyvale.ca.us  
[www.sunnyvale.ca.gov](http://www.sunnyvale.ca.gov)  
PH: (408) 730-7470  
FAX: (408) 730-7699

 Save the environment. Please don't print this email unless you really need to. 

>>> On 3/6/2012 at 10:39 AM, Ginger Wolnik <gwolnik@yahoo.com> wrote:

Mary Ave. needs bicycle lanes from from Fremont to Maude.  
Please don't allow this previously approved and funded project to get cancelled due to politics with the unrelated Mary Ave. bridge project.  
There are many bicycle commuters who work on Middlefield and Maude avenues who would benefit from the bike lanes, large employers like Synopsis are there.  
Thank you,  
Ginger Wolnik  
898 W. Cardinal Dr., Sunnyvale, CA

72

## Jack Witthaus - POLICY--Fwd: Re: Mary Avenue bike lane

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**From:** Heidi Kirk  
**To:** COUNCIL  
**Date:** 3/6/2012 2:43 PM  
**Subject:** POLICY--Fwd: Re: Mary Avenue bike lane  
**CC:** Campbell, Coryn; Clerk; Kahn, David; Luebbers, Gary; Steffens, Kent; Uribe, Christina; Walker, Robert; Witthaus, Jack

---

Forwarding from Council AnswerPoint.

>>> On 3/6/2012 at 2:42 PM, Heidi Kirk <heidi.kirk@ci.sunnyvale.ca.us> wrote:

Mr. Calderon:

Thank you for your email to the Council AnswerPoint. I am forwarding your message to Council, copying key City staff for their information as well.

Ms. Heidi Kirk  
Executive Assistant  
Office of the Mayor and City Council  
City of Sunnyvale, CA 94088-3707 USA  
hkirk@ci.sunnyvale.ca.us  
[www.sunnyvale.ca.gov](http://www.sunnyvale.ca.gov)  
PH: (408) 730-7470  
FAX: (408) 730-7699



Save the environment. Please don't print this email unless you really need to.

>>> On 3/6/2012 at 11:40 AM, "Calderon, Chris" <Chris.Calderon@netapp.com> wrote:

Hello,

I want to see the completion of the bike lane on Mary Avenue. Please don't hold it up with the rest of the project. It is funded and is sorely needed for us bike commuters.

Thanks for your consideration.

Chris Calderon

73

**Jack Witthaus - POLICY--Fwd: Re: Mary Ave bike line project**

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**From:** Heidi Kirk  
**To:** COUNCIL  
**Date:** 3/6/2012 4:00 PM  
**Subject:** POLICY--Fwd: Re: Mary Ave bike line project  
**CC:** Campbell, Coryn; Clerk; Kahn, David; Luebbers, Gary; Steffens, Kent; Uribe, Christina; Walker, Robert; Witthaus, Jack

---

Forwarding from Council AnswerPoint.

>>> On 3/6/2012 at 3:59 PM, Heidi Kirk <heidi.kirk@ci.sunnyvale.ca.us> wrote:

Mr. Danz:

Thank you for your email to the Council AnswerPoint. I am forwarding your message to Council, copying key City staff for their information as well.

Ms. Heidi Kirk  
Executive Assistant  
Office of the Mayor and City Council  
City of Sunnyvale, CA 94088-3707 USA  
hkirk@ci.sunnyvale.ca.us  
[www.sunnyvale.ca.gov](http://www.sunnyvale.ca.gov)  
PH: (408) 730-7470  
FAX: (408) 730-7699



Save the environment. Please don't print this email unless you really need to.

>>> On 3/6/2012 at 3:16 PM, "Danz, Karl" <Karl.Danz@netapp.com> wrote:

Hello,

I understand you will be discussing the Mary Ave bike lane project this evening. I work at NetApp in northern Sunnyvale and live in south Los Altos. I commute to/from work by bicycle once or twice a week and would make good use of improved bike access via Mary Ave. Thanks for listening!

- Karl

**Karl Danz**  
Director  
Supportability Programs  
**NetApp**  
+1 408-822-3951 Direct Phone  
+1 650-704-4546 Mobile Phone  
kwd@netapp.com  
[www.netapp.com](http://www.netapp.com)



Go further, faster®

CRM - Answer Point: Public Works, BPAC

User Access Reminder Rule Staff Reminder  
Add Request Request Report Help JWitthaus

Find Criteria

Find Result

Possibly more than 100 matches found, showing the first 100.

Req. #	20297 . C . 03-01-12 . Danagerous Green Light
	20320 . C . 03-02-12 . Light does not work for bikes
	20319 . C . 03-02-12 . Light does not work well for bikes
Req. #	20296 . C . 03-01-12 . E Maude Ave fair oaks park
	20281 . C . 02-29-12 . Street light out
Staff	20227 . C . 02-25-12 . All Street Lights Out in Median
	20264 . C . 02-28-12 . Benchmarking performance of right-of-way
	20235 . C . 02-26-12 . Small Dogs at Las Palmas Park

Sort

Action

**Request** 20172 26 of 100 **Status** Closed

**Assigned To** JAreola **Priority, Contact** Regular WebForm

**From** Keith Skinner <Keith.Skinner@sri.com> 408-244-0527 **Receive Date** 02-21-12 5:44 pm

**To** Public works <pubworks@ci.sunnyvale.ca.us> **Reply Needed** Yes

**Subject** erasure of crosswalks **Close Date** 02-23-12 1:50 pm

**Regarding Location** intersection of Reed and Timberpine

**Message** The painted crosswalk lines at Reed and Timberpine (crossing Reed) have been removed. Will they be replaced soon, or was this done deliberately (permanently), and if so, why? I use these crosswalks most weekdays and find it even more difficult to cross safely here now than before they were removed.

**Actions**

**Action** Reassign

**Date** 02-22-12 8:17 am

**From** Frances Moralez - Public Works

**To** Joel Arreola - Public works

**cc** jwitthaus@ci.sunnyvale.ca.us

**bc** ksteffens@ci.sunnyvale.ca.us

**Subject** Web Request - Reassign 20172 from: Frances Moralez to: JAreola, subject: erasure of crosswalks

**Message** Hi Joel,

Please respond to the customer.

Thank you,

Cristina  
x7424

**Action** ReplyClosed

**Date** 02-23-12 1:50 pm

**From** pubworks@ci.sunnyvale.ca.us - Public works

**To** Keith.Skinner@sri.com -

**cc** jwitthaus@ci.sunnyvale.ca.us, cpfeffer@ci.sunnyvale.ca.us, fmoralez@ci.sunnyvale.ca.us

**bc** ksteffens@ci.sunnyvale.ca.us

**Subject** Re: erasure of crosswalks

**Message** Dear Keith Skinner,

The reason the crosswalk lines have been removed was because there is roadwork being done on Reed Ave. There has been some temporary striping installed until work is complete in April 2012. Thank you for notifying us of the issue. If you have any questions or if the temporary striping is not working, please let us know.

75

CRM - Answer Point: Public Works, BPAC

User Access Reminder Rule Staff Reminder  
Add Request Request Report Help JWitthaus

Find Criteria

Find Result

Req. #   
Req. #   
Staff   
Sort

- Possibly more than 100 matches found, showing the first 100.
- 20297 . C . 03-01-12 . Danagerous Green Light
  - 20320 . C . 03-02-12 . Light does not work for bikes
  - 20319 . C . 03-02-12 . Light does not work well for bikes
  - 20296 . C . 03-01-12 . E Maude Ave fair oaks park
  - 20281 . C . 02-29-12 . Street light out
  - 20227 . C . 02-25-12 . All Street Lights Out in Median
  - 20264 . C . 02-28-12 . Benchmarking performance of right-of-way
  - 20235 . C . 02-26-12 . Small Dogs at Las Palmas Park

Action

Request 20239 18 of 100 Status Closed  
Assigned To helguendy Priority, Contact Regular  
From Martha Montague & Mikael Arneborn <mfmontague@gmail.com> 408-239-6175 Receive Date 02-26-12  
To BPAC <jwitthaus@ci.sunnyvale.ca.us> Reply Needed Yes  
Subject Bike lanes on Pastoria/Evelyn Close Date 02-27-12  
Regarding Evelyn west of Mathilda  
Location

Message Dear Bicycle Committee Members, My husband and I have lived in Sunnyvale for almost 10 years, and for the las have owned at house at 113 Waverly St, near the corner with Evelyn. We are both avid bikers, and my husband t work almost every day, taking our 2 year old daughter with her. One of our neighbors just told us that the bike lan Evelyn between our house and Mathilda are being eliminated permanently. If this is true, this is very upsetting. W way every morning to work, and see many many people biking the same way. This is the best way to get to the C station from the west side. Without a bike lane, it will be significantly more dangerous for us to bike with our daug daycare down Evelyn, and force us to go significantly out of our way. One of the many reasons we moved to Suni because it is bike friendly, and this change is a large step in the wrong direction. In addition, my neighbor just told instead of this bike lane down Evelyn where it is needed, a bike lane is being created on Pastoria and on-street p be prohibited. We strongly oppose this. In our neighborhood most people park at least one car on the street, if not since driveways and garages are all small. This would be a large inconvenience for everyone on Pastoria, and for park on our street, where parking is already tight. And the return on investment is not there - we rarely ever see a biking on that street, and every time I have biked on Pastoria I have felt very safe doing so. It is not a street with h enough traffic to necessitate dedicated bike lanes, in my opinion. We will be attending the meeting on Wednesday opposition of the bicycle lane on Pastoria, and would appreciate your consideration of our input on the bike lane c in case there's any chance that the bike lane can be added back in. Sincerely, Martha Montague, PhD Production Kovic Inc Mikael Arneborn Engineer, Intel

Actions Action ReplyClosed  
Date 02-27-12 8:51 am  
From jwitthaus@ci.sunnyvale.ca.us - BPAC  
To mfmontague@gmail.com -  
cc fmoralcz@ci.sunnyvale.ca.us  
Subject Re: Bike lanes on Pastoria/Evelyn  
Message Dear Martha Montague & Mikael Arneborn,

Thank you for your input on bike issues in your area. I look forward to your attendance at the meeting Wednesday. Your comments will be noted for the record and for City Council consideration. FYI, the plans to eliminate bike lanes on Evelyn.

Thank you,  
Jack Witthaus  
jwitthaus@ci.sunnyvale.ca.us

Return

CRM - Answer Point: Public Works, BPAC

User Access Reminder Rule Staff Reminder  
Add Request Request Report Help JWitthaus

Find Criteria

Find Result

Req. #

Possibly more than 100 matches found, showing the first 100.

Req. #

- 20297 . C . 03-01-12 . Danagerous Green Light
- 20320 . C . 03-02-12 . Light does not work for bikes
- 20319 . C . 03-02-12 . Light does not work well for bikes
- 20296 . C . 03-01-12 . E Maude Ave fair oaks park
- 20281 . C . 02-29-12 . Street light out
- 20227 . C . 02-25-12 . All Street Lights Out in Median
- 20264 . C . 02-28-12 . Benchmarking performance of right-of-way
- 20235 . C . 02-26-12 . Small Dogs at Las Palmas Park

Staff

Sort

Action

Request 20077 13 of 100 Status Closed

Assigned To CTalavera Priority, Contact Regular WebForm

From Peter Green <fogcitypete@hotmail.com> 415-505-1962 Receive Date 02-15-12 12:51 pm

To Public works <pubworks@ci.sunnyvale.ca.us> Reply Needed Yes

Subject Crosswalkd Spinosa & Remington Drives Close Date 02-27-12 1:59 pm

Message After overlay and stripping there is again no crosswalks at the intersection of Spinosa & Remington Drives. This is the typical walking route for elementary school kids walking to Cumberland the assigned school for the area. Likewise Fremont High school students use this intersection walking up Sunnyvale-Saratoga Avenue or using the Tilton Drive pedestrian path.

Actions

**Action** Reassign  
**Date** 02-22-12 6:46 am  
**From** James Boone - Traffic Safety  
**To** Carmen Talavera - Public works  
**Subject** Web Request - Reassign 20077 from: James Boone to: CTalavera, subject: Crosswalkd Spinosa & Remingt

**Message** Hi Carmen,

I wasnt sure, but thought this should be forwarded to you.

Thanks,  
 James  
 DPS Traffic

**Action** ReplyClosed - by Email  
**Date** 02-27-12 1:59 pm  
**From** pubworks@ci.sunnyvale.ca.us - Public works  
**To** pubworks@ci.sunnyvale.ca.us -  
**Subject** Re: Request #20077 - Crosswalkd Spinosa & Remington Drives  
**Message** Dear Mr. Green,

Thank you very much for contacting us in regards of the crosswalk at the intersection of Remington Drive and Spinosa Drive.

This message is to inform you that the city is working on a project for the installation of a lighted crosswalk system at this location. The project is under design at the moment and is expected to start construction in summer this year. A crosswalk by itself can not be installed without having other safety improvements installed, and this is what this project will do.

Once again, thank you very much for your message. Should you have any questions or need additional information please do not hesitate to contact me at your earliest convenience.

Sincerely,

77

CRM - Answer Point: Public Works, BPAC

User Access: Reminder Rule Staff Reminder  
Add Request Request Report Help JWitthaus

Find Criteria

Find Result

Possibly more than 100 matches found, showing the first 100.

Req. #  
Req. #  
Staff  
Sort

- 20297 . C . 03-01-12 . Danagerous Green Light
- 20320 . C . 03-02-12 . Light does not work for bikes
- 20319 . C . 03-02-12 . Light does not work well for bikes**
- 20296 . C . 03-01-12 . E Maude Ave fair oaks park
- 20281 . C . 02-29-12 . Street light out
- 20227 . C . 02-25-12 . All Street Lights Out in Median
- 20264 . C . 02-28-12 . Benchmarking performance of right-of-way
- 20235 . C . 02-26-12 . Small Dogs at Las Palmas Park

Action

**Request** 20319 3 of 100 **Status** Closed

**Assigned To** jwitthaus **Priority, Contact** Regular WebForm

**From** Milind Girkar <mgirkar@yahoo.com> 408-738-5671 **Receive Date** 03-02-12 4:53 pm

**To** BPAC <jwitthaus@ci.sunnyvale.ca.us> **Reply Needed** Yes

**Subject** Light does not work well for bikes **Close Date** 03-05-12 8:44 am

**Regarding Location** Intersection of Iova and Hollenbeck/Pastoria

**Message** While biking on Iova crossing Hollenbeck/Pastoria in either direction, the light does not become green. It appears to detect a bike because the light does turn yellow (perhaps red) for Hollenbeck/Pastoria but the light for Iova does not turn green

**Actions**

**Action** ReplyClosed

**Date** 03-05-12 8:44 am

**From** jwitthaus@ci.sunnyvale.ca.us - BPAC

**To** mgirkar@yahoo.com -

**cc** fmoralez@ci.sunnyvale.ca.us

**bc** jarroola@ci.sunnyvale.ca.us

**Subject** Re: Light does not work well for bikes

**Message** Dear Milind Girkar,

Thank you for notifying us of your concerns. The situation you describe is likely because the bicycle is leaving the bicycle detector zone before the light on Iova turns green. In order to avoid having the detection cancelled, a bike must stay on the detector until the signal cycles to green. Please try keeping your bicycle on the detector zone until the light turns green. We will dispatch an engineer to review the operations to assure they are working correctly as well.

Thank you,  
Jack Witthaus, Transportation and Traffic Manager  
jwitthaus@ci.sunnyvale.ca.us  
BPAC

**Define**

78

CRM - Answer Point: Public Works, BPAC

User Access Reminder Rule Staff Reminder  
Add Request Request Report Help JWitthaus

Find Criteria

Find Result

Req. #

Req. #

Staff

Sort

Possibly more than 100 matches found, showing the first 100.

- 20297 . C . 03-01-12 . Danagerous Green Light
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- 20227 . C . 02-25-12 . All Street Lights Out in Median
- 20264 . C . 02-28-12 . Benchmarking performance of right-of-way
- 20235 . C . 02-26-12 . Small Dogs at Las Palmas Park

Action

Request 20320 2 of 100

Status Closed

Assigned To jwitthaus

Priority, Contact Regular WebForm

From Milind Girkar <mgirkar@yahoo.com> 408-738-5671

Receive Date 03-02-12 4:57 pm

To BPAC <jwitthaus@ci.sunnyvale.ca.us>

Reply Needed Yes

Subject Light does not work for bikes

Close Date 03-05-12 8:46 am

Regarding Location Intersection of Fairoaks and Olive

Message While riding north on Fairoaks and turning left on Olive, the left arrow light does not detect the presence of a bike and does not turn green.

Actions

Action ReplyClosed

Date 03-05-12 8:46 am

From jwitthaus@ci.sunnyvale.ca.us - BPAC

To mgirkar@yahoo.com -

cc fmoralez@ci.sunnyvale.ca.us

bc jarreola@ci.sunnyvale.ca.us

Subject Re: Light does not work for bikes

Message Dear Milind Girkar,

Thanks very much for sending us this observation. We very much appreciate you contacting the City to notify us of these issues. We will dispatch an engineer to assure that the signal equipment is working properly or is repaired.

Thank you,  
Jack Witthaus  
Transportation and Traffic Manager  
jwitthaus@ci.sunnyvale, ca.us  
BPAC

Ratings

Bicycle and Pedestrian Advisory Commission

Active Items List

Item #	Item	OPR	Due Date (Approx)	Status	Last Updated
1	Bernardo Caltrain Under-crossing	Withhaus	TBD	Feasibility Study accepted by the City Council. Funds for 20% local matching funds must be identified before further project initiation. BEP Tier 1 update submitted. VTA will program 80% funds out to 2016 to allow for time to secure matching funds. Project update submitted for Valley Transportation Plan (VTP) 2035 consideration.	4/9/2009
2	Code of Ethics and Conduct	Withhaus	Annual	Agendized for review by BPAC during the meeting of January 19th, 2012.	1/1/2012
3	Utility Bill Insert	Withhaus	Annual	2012 concept ideas developed at the February, 2012 BPAC meeting	3/7/2012
4	Bike to Work Day	Withhaus	Annual	Staff support to be provided for 2012 BTWD.	3/7/2012
5	Earth Day	Withhaus	Annual	Pending for 2012	1/1/2012
6	Health and Safety Fair	Withhaus	Annual	Pending for 2012.	1/1/2012
7	Road Overlay, Slurry, Reconstruction & Chip Schedule	T. Pineda	Annual	Transmitted at the January, 2012 BPAC meeting	3/7/2012
8	Signage request - Entrance of Baylands Park	Withhaus	5/12/2012	Work order prepared.	3/7/2012
10	State of the City	Pilger	Annual	Pending for 2012	1/1/2012

Item #	Item	OPR	Due Date (Approx)	Status	Last Updated
11	VTA Bicycle Expenditure Program (BEP)	Withtaus	Annual	TECA Program Manager call for projects circulated, Eligibility limited to BEP listed projects. Mathilda Avenue bike lane project from Maude Avenue to California Avenue submitted.	3/7/2012
12	Block Grants	Withtaus	Annual	Hendy Avenue between Fair Oaks and Sunnyvale Avenues sidewalks, bike lanes, underground utilities, and other improvements at 60% design. Left-turn, signal and pedestrian improvements at the intersection of Old San Francisco Road/Sunnyvale Avenue 60% design.	1/1/2012
13	Construction Zone Safety Complaints received	Withtaus	Ongoing	No complaints received	1/1/2012
15	Bicycle Detection Complaints received	Withtaus	Ongoing	Washington/Bernardo, Iowa/Pastoria, Fair Oaks/Olive complaints received, work orders for markings prepared, detection repaired at Fair Oaks/Olive. Transportation staff to utilize more robust temporary paint, Field Services staff to respond promptly to thermoplastic work orders rather than banking repairs.	3/7/2012
16	Community Design and Transportation (CDT) - Planning Grant Program	EI-Guendy	Annual	Feasibility study/concept plan for the West Channel Trail corridor capital project approved by Council.	1/1/2012
17	2011/12 Transportation Planning Grant Funds	Withtaus	Annual	Call for projects released, due April, 2012	1/1/2012
18	Safe Routes to Schools Projects	Fakh	Annual	Cycle 10 project at 90% design, public meetings being held with affected property owners. City awarded \$ 820,000 in Safe Route funding, Council approved project in December, 2011. A non-infrastructure application for the Cities of Sunnyvale and Campbell was submitted under TSCN of the County's Health Department and approved for funding.	1/1/2012

Item #	Item	OPR	Due Date (Approx)	Status	Last Updated
21	2010 Community Design and Transportation (CDT) - Capital Grant Program	Fakh	Annual	East Channel Trail project determined to require coordination with Water District flood control improvements. Timing of grant funds would not allow construction. Funds shifted to Downtown Streetscape Project to improve sidewalk and other streetscape features on Iowa Avenue.	1/1/2012
22	Establishment of Bike Lanes on Mary Avenue	Withaus	Ongoing	Street Space Allocation Study to move forward as a stand alone project. Technical work 90% complete. Interpretive and environmental studies to be completed.	3/7/2012
25	Vehicle Emissions Reductions Based at Schools (VERBS) Grant Program	El-Guendy	Ongoing	Teaming with the Traffic Safe Communities Network (TSCN), an application for non-infrastructure initiatives was submitted on October 4th. The project was awarded funding of \$1 million excluding local match which will be split between the City of Sunnyvale and the County of Santa Clara. About 80% of Sunnyvale elementary and middle schools will be evaluated. Site coordination meetings ongoing.	1/1/2012