INSTRUCTIONS

- Use this form for capital projects that receive 2016 Measure B funding and congestion relief projects funded through 2016 Local Streets and Roads funds.
- Pavement programs funded by 2016 Measure B Local Streets and Roads should use the Pavement Program Self-Declaration Form.
- Submit form to VTA when requesting funding. Submit an updated form with each new funding request.
- Transit operations and education/encouragement programs funded by 2016 Measure B are <u>not</u> required to fill out this form.
- VTA will post the completed form online.

IMPORTANT NOTES

- If requesting a project-level exception (Part 3), only fill in Parts 1, 2, and 3.
- Electronic signatures are preferred. If the signature is hand-written, please convert the signature page with
 optical character recognition and tag the signature appropriately. Follow the steps in
 https://biblio.csusm.edu/sites/default/files/signature_page_ada_accessibility.pdf
- After completing the form in Microsoft Word, please: Go to "File" and "Save As..." and select PDF from the choices provided. Do not print to PDF because it will not preserve the document's accessibility.
- Please submit any attachments (i.e. project map, fact sheet, etc.) separate from this form.
- All attachments should be made accessible and have optical character recognition.

PART 1: SPONSOR INFORMATION

Project Sponsor(s)	VTA, City of Cupertino					
Person to contact regarding this form:						
Name & Title	David Stillman, Transportation Manager					
Email	DavidS@Cupertino.org					
Phone	408-777-3249					

PART 2: PROJECT INFORMATION

Project name	I-280/Wolfe Interchange Improvements
Project limits ☑ map is attached	Map is attached. See Exhibit A.
Project purpose & need (why?)	Purpose: The purpose of the proposed project is to improve traffic operations, promote multimodal, including bicycle and pedestrian use, and high occupancy vehicle transportation at the Interstate 280 (I-280) and Wolfe Road Interchange. Need: Wolfe Road is a key connector between job locations, housing, commercial, and retail developments. The existing interchange is congested with significant delays. Based on the City's General Plan: Community Vision
Be brief.	2015-2040 (General Plan) current build-out assumptions, without improvements, level-of-service (LOS) at the ramp termini intersections are projected to operate at LOS E/F. Sidewalks and bike lanes are narrow and cross high-speed, atgrade ramp connections, limiting access for pedestrians and bicyclists. The interchange configuration is not consistent with Caltrans' Complete Streets design guidelines or the General Plan for a walkable, bikeable community.





Project description (what?) Be brief.	configurations: - Partial Clov - Partial Clov - Diverging D Under each of these - Upgrade th through-lan - Upgrade ar - Upgrade ar - "Square-Up - Provide one	Volfe Road Interchange through of the releaf – Widened Structure the rerleaf – Replaced Structure biamond Interchange – Replaced to configurations, the following imple Wolfe Road Overcrossing Structure in each direction. In the widen off-ramps to improve oping widen on-ramps to provide HO is existing high-speed on-ramps to e-way separated Class IV bicycle wide sidewalks throughout the inicycle and pedestrian connection	Structure provements and according to according by bypass land facilities in eatterchange.	re proposed: nmodate three es ach direction.
Phase(s) covered by this Complete	Check all that appl ☐ Planning Study			
Streets checklist	☑ Environmental	☑ Final Design	□ Construction □ Co	ction
Checklist status	☑ First submittal f☐ Update of a prior			
Date	2/15/2019			
ollowing exceptions(s): ☐ Funding will be transportation notice. If checked, includes	used for a freeway metwork (e.g. local roaude project map that	t be required to fill out the Containline project that does not impled ways, shared use paths, bicyclearly shows project limits. maintenance, repair, or reconst	pact or modif cle/pedestria	y the local
Signature		Name/Title		Date
		ency Manager or equivalent se ception, the remainder of this cl		





<u>VTA Staff Use Only:</u> □ VTA concurs with project level exception.

Signature

Name/Title	
Date	

PART 4: PROJECT USERS

Purpose of this section is to document the existing and future users of the project.

1. How do people travel through the project limits, now or in the future?

Mode of Travel			s through limits now		ect lii	el through mits in the ture	Have counts been conducted?			Provide volumes, if available, & data source. Estimates or range of volumes is OK.
Bicycle	• Yes	C No	C Unknown	• Yes	© No	C Unknown	• Yes			30 peak hour (2017) Source: 280/Wolfe TOAR
Pedestrian	• Yes	C No	C Unknown	• Yes	C No	C Unknown	© C C Yes No Unknown		_	45 peak hour (2017) Source: 280/Wolfe TOAR
Heavy Rail Transit (BART, ACE, Caltrain)	C Yes	⊙ No	C Unknown	C Yes	⊙ No	C Unknown	See agency websites.		cy websites.	N/A
Light Rail Transit (VTA)	C Yes	⊙ No	C Unknown	C Yes	⊙ No	C Unknown	VTA Ridership Data Only include counts for stops/stations within project limits.		lude counts os/stations	N/A
Bus Transit	• Yes	C No	C Unknown	• Yes	C No	C Unknown	Use link above - Only include counts for stops/stations within project limits.		counts for ations within	26: 2838 101: 52 103: 156 182: n/a
Motorist	• Yes	C No	C Unknown	C Yes	C No	C Unknown	• Yes	C No	C Unknown	4300 peak hour (2017) on Wolfe Road Source: 280/Wolfe TOAR
Heavy Vehicles	• Yes	O No	C Unknown	C Yes	© No	C Unknown	• Yes	O No	C Unknown	114 peak hour (2017) on Wolfe Road Source: 280/Wolfe TOAR

2. Some user groups require special accommodations. Which user groups are anticipated to travel through the project <u>frequently</u>, now or in the future?

→ NOTE: While all projects must accommodate children, seniors, and people with disabilities, this question is intended to identify if there are unusual circumstances that may warrant accommodations above legal mandates.





User Groups	Frequently travels through project limits now	Will <u>frequently</u> travel through project limits in the future	Notes and Comments (e.g. nearby schools, senior centers, services for people with disabilities)
People 18 Years or Younger	C © C Yes No Unknown	Yes No Unknown	Anticipated with presence of Apple Campus and Vallco Redevelopment.
People 65 Years or Older	C	Yes No Unknown	Anticipated with presence of Apple Campus and Vallco Redevelopment.
People with Visual Impairments	C C ⊙ Yes No Unknown	C C • Yes No Unknown	
People with Auditory Impairments	C C	C C © Yes No Unknown	
People with Mobility Impairments	C C € Yes No Unknown	C C © Yes No Unknown	

3. Describe how the proposed design addresses the needs of those with increased access or mobility requirements such as the disabled, elderly, and children.

New configurations will include signalization of existing high-speed ramps with current design practices including auditory pedestrian signals. Profile grade along Wolfe Road will be reduced from 6% existing to 4% to meet ADA standard if replaced structure (Parclo or Diverging Diamond interchange is selected). Wolfe road profile will remain as existing if parclo widening structure is chosen as project alternative.

PART 5: EXISTING INFRASTRUCTURE AND PROPOSED MODIFICATIONS

For projects that construct new infrastructure in an undeveloped area (e.g. new trail, new bridge, roadway extension) provide answers for the location(s) where the new infrastructure will connect to the existing network.

5-A: Pedestrian Infrastructure

4. What pedestrian infrastructure exists within the project limits now?

Infrastructure	Provided throughout project limits, on both sides of all roads	Provided, but with gaps in coverage	Not provided	Not applicable
Pedestrian Paths or Sidewalks	•	C	0	C
Landscaped or other Buffers Adjacent to Sidewalks	C	•	C	C
Pedestrian Scale Lighting	0	C	•	C
Curb Ramps	•	C	C	С
Marked Crosswalks	•	C	C	С





Signals		Provided at all signalized intersections		Provided at most signalized intersections	Provided at less than half of signalized	Not provided at any signalized intersections	Not applicable	
Pedestrian Countdown	Signals	•		С	intersections	C	0	
Audible Pedestrian Sig	nals	•		C	C	C	C	
Pedestrian Crossing Restrictions Pedestrians may cross at all legs of all intersections within the project limits Pedestrians are restricted from crossing at one or more intersection legs within the project limits Not applicable								
5. Briefly describe	the impr	ovements to p	edest	trian infrastruct	ure that are an	iticipated with	the project.	
The project proposes 10 signalize or provide flash to decrease vehicular sp Road to the Perimeter R	ning beac eeds at c	ons at existing ritical crossing	unco locat	ntrolled crossing ions. The project	gs. The project ct will include a	proposes squa	red-up ramps	
lengthen an exist a roadway, or of a roadway. Or of the No ☐ Yes. If "Yes", please of the No	therwise	result in <u>lowe</u>	<u>r qual</u>	lity pedestrian o	conditions?	·		
☐ Unable to answer this	s time. <i>If</i> s	selected, pleas	se exp	olain why:				
5-B: Bicycle Infrastructure 7. What bicycle infrastructure exists within the project limits now?								
Infrastructure	ga	ided, with no aps in the bikeway		ovided, but with gaps in the bikeway	Not provid	ded Not	applicable	
Bicycle Lanes (Class II)		•		С	0		0	
Bicycle Lanes with Painted Buffers		С		С	•		C	
Painted Bullers Physically Separated Bikeways (Class IV)					C			





Infrastructure	Provided, with no gaps in the bikeway	Provided, but with gaps in the bikeway	Not provided	Not applicable					
Shared Use Paths (Class I)	C	C	•	C					
Bicycle Bridges or Undercrossings	 ○ Provided within project limits. ⊙ Not provided within project limits. ○ Not applicable. 								
Bicycle/Vehicle Interactions									
	e the improvements to	<u> </u>	•						
are proposed to existir movements parallel to prefer to remain on the	The project proposes a one-way raised, separated, Class IV bicycle track in each direction. The bicycle facilities are proposed to existing behind a landscape buffer, adjacent to the sidewalks. The Class IV will cross ramp movements parallel to bikes in a "cross-bike". 5' shoulders will be provided on Wolfe Road for bicycle users who prefer to remain on the roadway. The project will include a new connection from Wolfe Road to the Perimeter Road undercrossing and the proposed Junipero Serra Trail.								
existing bicycl	9. Will the project <u>eliminate</u> an existing bicycle facility, <u>sever</u> an existing bicycle connection, <u>lengthen</u> an existing bicycle route or crossing, <u>increase the time</u> it takes for a bicyclist to cross a roadway, or otherwise result in lower quality bicycle conditions?								
⊠ No									
☐ Yes. If "Yes", please	e describe the situation, a	and indicate why this al	ternative was chosen						
☐ Unable to answer t	his time. <i>If selected, plea</i>	ase explain why:							
5-C: Transit Service									
10. What transit service currently runs through or immediately adjacent to the project limits? Check all that apply. You may provide a map showing transit routes and stops in lieu of listing them here, if it is easier.									
☐ There is no transit located within the project limits									
⊠ VTA Bus									
Which line(s)		tached Transit Map (Ex	khibit B)						
	☐ Caltrain/ACE/BART Which line(s) and station(s)?								





Other transit.								
Please describe:	Apple and other Tech shuttles expected to traverse the project area.							
11. Will the project improve trans Check all that apply.	11. Will the project improve transit within the project area? Check all that apply.							
 ✓ Yes, project includes the following in limproved transit vehicle speed improved transit vehicle travely limproved bus stops or rail stem improved access to transit stem improved access to transit stem improved traffic operations along reduced travel times for transit multimodal access to existing Will the proposed project results 	gh project limits. ts, but the project will not provide improvements. nprovements: eds/travel time rel time reliability tations							
transit customers?	a stop, station, or our construction of quality contained to							
⊠ No								
☐ Yes. If "Yes", please describe the sit	uation, and indicate why this alternative was chosen.							
☐ Unable to answer this time. <i>If select</i>	ted, please explain why:							
5-D: Motor Vehicles and Trucks/Freigh	nt							
, ,	vithin the project limits and skip to section 5-F.							
13. Are there truck routes within	the project limits?							
☐ No truck routes								
⊠ California truck route								
☐ Local or County truck route								
Please list any truck routes. Wolfe Road and I-280 are designated	Truck Routes.							
14. What are the posted speeds within project limits? Check all that apply.								
☐ less than 25 mph								





□ 25 mph								
⊠ 30-35 mph								
☐ 40-45 mph								
☐ 45-50 mph								
⊠ greater than 50 mph								
15. Briefly describe the anticipated with the	project.					ture t	that are	
Reduced delays and increase	sed Level of Se	rvice for r	notorists trave	ersing the	project.			
5-E: Traffic Operations and L	ighting System	S						
o en manico o poraziono ana e								
☐ Check here if there are no	signals within	the proje	ect limits and	skip to se	ection 5-F.			
16. What traffic operation	ons and lighting	g systems	currently exi	st within	the project li	mits?	•	
ltem	Provided approach all signa intersec	nes to lized	Provided at approact		Provided a fewer than i of the approache	half	Not provided at any signalized intersections	
Passive Bicycle Detection (actuate signals)	to		C		O		C	
Passive Pedestrian Detection (to actuate signals)	on ©		0		0		O	
Bicycle Adaptive Signals (to extend signals)	0		C		C		•	
Pedestrian Adaptive Signals (to extend walk phase)	0		O		С		⊙	
Transit Signal Priority	C		O		0		•	
17. Briefly describe the improvements to traffic operations and lighting systems infrastructure that may be anticipated with the project.								
With reconstruction of the in installations will be per curre							nd replaced. New	
installations will be per current standards including safety lighting and pedestrian level lighting.								
5-F: Green Infrastructure and Storm Water Management Systems								
18. What green infrastructure and storm water management systems exist within the project limits?								
Infrastructure	Provided throughout project limits		d in portions oject limits	Not	provided	٨	Not applicable	
Permeable Pavement	C		C		\odot		C	





Infrastructure	Provided throughout project limits	Provided in portions of project limits	Not provided	Not applicable
Bioswales	C	•	C	C
Street Trees/ Landscaping	С	⊙	С	С

19. Briefly describe the improvements to green infrastructure and storm water management systems that may be anticipated with the project.

Landscape strips and street/median trees will be installed when unconstrained by existing or proposed facilities. Stormwater will be treated in Bioswales consistent with Caltrans' preferred stormwater management systems and the Construction General Permit and Regional Water Quality Board requirements.

5-G: Planning Guides and Design Manuals

20. What design standards, guidelines, and manuals have you/will you consult when designing the project?

- Caltrans
- ☐ Caltrans Highway Design Manual and associated Deputy Directives and Design Information Bulletins
- □ California Manual of Uniform Traffic Control Devices
- American Association of State Highway Transportation Officials (AASHTO)
- ☑ AASHTO Guide for the Development of Bicycle Facilities
- AASHTO Guide for the Planning, Design, and Operation of Pedestrian Facilities
- Institute of Traffic Engineers (ITE)
- ☑ ITE Recommended Design Guidelines to Accommodate Pedestrians and Bicyclists at Interchanges
- North American City Traffic Officials (NACTO)
- ⋈ NACTO Urban Bikeway Design Guide
- ⋈ NACTO Urban Streetscape Design Guide

- Local
- □ Local street standards
- Mandbooks from the Santa Clara Valley Urban Runoff Pollution Prevention Program





- 21. Please list other design standards, guidelines, and manuals not listed above that you have/will consult when designing this project:

N/A			
	N/A		

PART 6: SAFETY

Purpose of this section is to document any existing safety issues of the project.

22. How many reported pedestrian, bicycle, and vehicle collisions have occurred within the project limits within the most recent available 3-year timeframe?

Type of Collision	Total Injury	Total Fatal	Total Number	Timeframe	Data Source(s)
Pedestrian-Involved Collisions	0	0	0	1/1/12 – 12/31/14	Caltrans TASAS
Bicycle-Involved Collisions	3	0	3	1/1/12 – 12/31/14	Caltrans TASAS
Motor Vehicle-Only Collisions	127	1	360	1/1/12 – 12/31/14	Caltrans TASAS

23. How does the project address, if at all, the safety of users within the project limits?

The project proposes use of a 35 mph design speed on Wolfe Road with Complete Streets practices to improve visibility of bicycles and pedestrians. "Squared-up" ramps utilize geometric constraints to reduce the speed of on-ramp movements. Street Trees and narrower corridors will increase driver alertness. New signalized crossings are added at high-speed highway on-ramps. Bicycles will be vertically separated and offset from the roadway and cross vehicular traffic at designated and delineated locations. Additionally, the project will either replace or seismically retrofit the existing Wolfe Road overcrossing structure, providing increased resiliency in the event of a major seismic event, securing safe passage of users and emergency personnel.

PART 7: PLANNING CONTEXT

Purpose of this section is to understand the planning policy and context of the project.

24. Is the project design consistent with planning documents, locally adopted pedestrian, I	bicycle, transit,
or other transportation plan or study that overlap the project limits?	

	oplica	ble
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25. List relevant plan(s) and note consistency. If project is not consistent, please describe below:

The project is identified in and consistent with the City of Cupertino's General Plan: Community Vision 2015 - 2040 and 2018 Pedestrian Transportation Plan. he project is identified in and exceeds the recommendations within the City of Cupertino's 2016 Bicycle Transportation Plan. The plan proposed Class II bike lanes through the project area. After input from VTA and the City's Bicycle and Pedestrian Commission, bicycle facilities were upgraded to Class IV.





26. Please indicate if the project limits fall within the area covered by any of the following VTA planning documents.

Link brings you to the study.			
☐ <u>I-680 Corridor Study</u>	Community Based Transportation Plans (CBTP)		
☑ <u>I-280 Corridor Study</u>	☐ Alviso CBTP		
□ Pedestrian Access to Transit Plan	☐ East San Jose CBTP		
	☐ Gilroy CBTP		
☐ Other VTA Plan (List below)	☐ Milpitas CBT		
27. If you checked any plans from the last question,	describe how the project supports VTA's plans.		
I-280 Corridor Study: The I-280/Wolfe Interchange Impro and consistent with the proposals in the study.	vements was identified as a project currently underway		
Countywide Bicycle Plan: The I-280/Wolfe Interchange Ir Freeway Interchange and as an "Unfriendly Freeway Inte (2017) and a along a Cross County Bicycle Corridor on V	erchange" in Figure 6-1: Across Barrier Connections		
PART 8: PUBLIC INPUT			
Purpose of this section is to document any public input an	d community engagement process		
28. Has input from existing/future bicycle, pedestria	n, or transit users of the project been solicited?		
⊠Yes. Briefly list how input was solicited. Includ	le key user groups that were involved:		
The City of Cupertino, along with VTA, held a public engagement meeting in December of 2016 and February of 2017. Members of the local community including members of Walk-Bike Cupertino.			
Briefly list the major comment themes and describe how the project scope addresses these comments:			
Public input emphasized the need for congestion relief with the recently opened Apple Campus 2 and planned redevelopment of the Vallco Mall. This is a primary goal of the project as defined by the project purpose. Members of the public emphasized the need for bicycle and pedestrian accommodations in the project. This is a primary goal of the project as defined by the project purpose.			
☐ No. Please list <u>planned</u> outreach activities, bel	low, and skip to Part 9.		
29. How was input from the Bicycle and Pedestrian	Advisory Committee (BPAC) or equivalent committee		
solicited?			

Consider involvement from local, neighboring, or VTA BPAC.

☑ Presentation(s) at BPAC

☐ Invitation for BPAC members to participate in public outreach meetings, surveys, other outreach activities related to the project





☑ BPAC member(s) participated in working group, subcommittee or other group to provide input
☐ Others, please describe:
The Project Team held a workshop with the Cupertino Bicycle and Pedestrian Commission in April 2017 to refine present and discuss interchange configurations and proposed bicycle and pedestrian treatments throughout the project.

30. How may the public comment on your project?

Public may provide comments or request more information on this project by contacting VTA's Community Outreach at 408-321-7575, (TTY) 408-321-2330, or community.outreach@vta.org

PART 9: BUILT ENVIRONMENT

Purpose of this section is to assess the land uses and connections to users within proximity of the project.

31. Briefly describe the predominant land uses within the project limits.

In lieu of a description, a map of land use designations may be attached.

Predominant land uses include the Apple Park campus to the north and the Vallco Shopping Center to the south. Hotels and other businesses immediately surrounding the project.

32. List major sites, destinations, and trip generators within or immediately adjacent to the project limits.

In lieu of a list, a map of destinations may be attached.

Apple Campus 2 and the Vallco Mall are both along Wolfe Road, separated only by the project area. Cupertino has a planned trail along the Junipero Serra Channel which will generate additional trips.

PART 10: EXCEPTIONS TO PROVIDING COMPLETE STREETS

The expectation is that pedestrian, bicycle, and transit infrastructure or information technology systems identified in local, regional, or countywide planning documents will be incorporated into transportation projects receiving funding if they fall within the project limits.

However, exceptions will be considered where exceptional circumstances prohibit adherence to this policy. Infrastructure or technology that is identified in a local, regional, or county planning document may be excluded from a transportation project in circumstances where:

- The cost of providing the Complete Streets element is disproportionate to the overall cost of the project, as set forth in the Federal Highway Administration <u>Accommodating Bicycle and Pedestrian Travel</u>.
- A roadway user is legally prohibited from using the transportation facility.
- There is an absence of existing and future need.
- Detrimental environmental or social impacts outweigh the need for the infrastructure or technology.

→ NOTE: Declaring an exception does not automatically disqualify a project from receiving 2016 Measure B funding. The purpose of the declaration is to publicly document the rationale behind design decisions.

33. Check one:





 ☑ Project sponsor has no exceptions to declare. ☐ Project sponsor has determined that there is at least one exception where pedestrian, bicycle, or transit infrastructure, or information technology systems identified in local, regional, or countywide plan and falling within the project limits is not being incorporated in this project. 	
Please describe the exception, explain the justification for the exception, and provide supporting documents, if needed.	

PART 11: SIGNATURE

Please review all answers in this form before signing.

Form must be signed by Public Works Director or equivalent senior staff or their designee. Signature indicates that the signee has reviewed the document and approved the content.

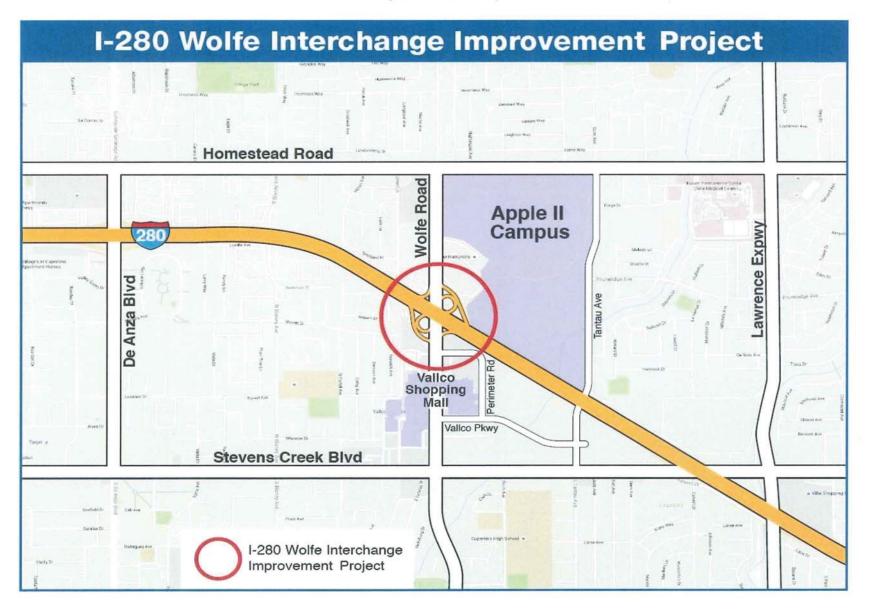
	Signature	Name/Title		Date
	Form must be signed by Public Work that the signee has reviewed the doc		nt.	1 (.
(Signature	Name/Title		Date





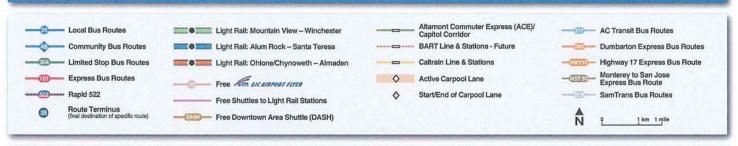
EXHIBIT A

I-280/Wolfe Road Interchange Improvement Project (P-0987) Project Location Map



Click on your bus route number/light rail station for detailed information.





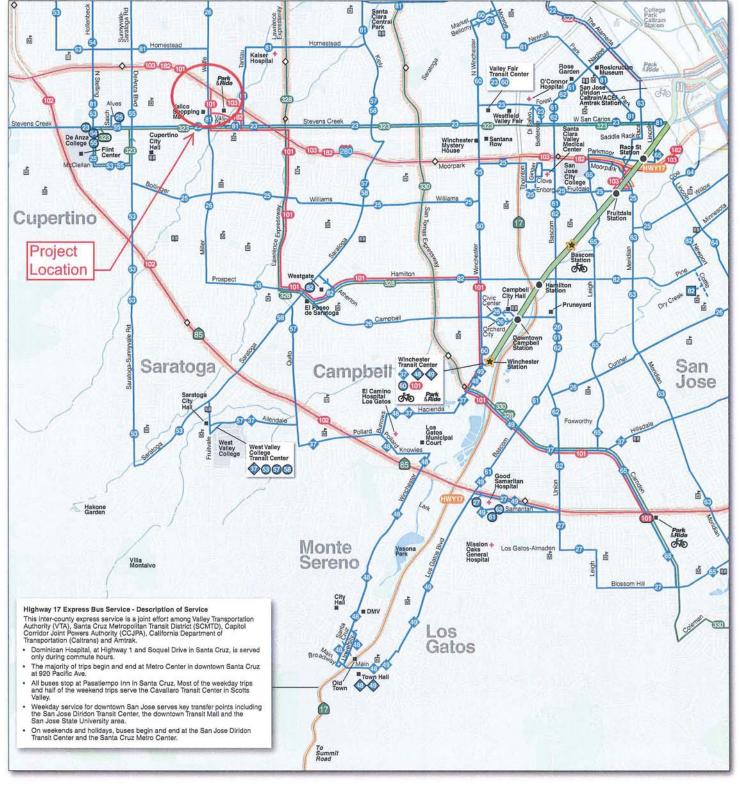


Exhibit B-2: Transit Stops Near Project Limits

I-280/Wolfe Interchange Improvements Project



Existing VTA Bus Stop

Project Area



MEMORANDUM

TO:

ALL VTA STAFF

FROM:

Casey Emoto, Deputy Director

Engineering & Program Delivery Division

DATE:

February 12, 2019

SUBJECT:

Signature Authority - Casey Emoto

I will be out of the office February 13, 2019 through February 15, 2019. During my absence, please refer all matters requiring signature to Gene Gonzalo, Capital Program Manager, (x4236).

For general assistance, please call Valerie Contreras (x5724).