

ROAD REPAIR AND ACCOUNTABILITY ACT OF 2017
PROJECT BASELINE AGREEMENT

Mathilda Avenue Improvements at SR 237 and US 101

Resolution LPP-P-1819-02B
(will be completed by CTC)

1. FUNDING PROGRAM

- Active Transportation Program
- Local Partnership Program (Competitive)
- Solutions for Congested Corridors Program
- State Highway Operation and Protection Program
- Trade Corridor Enhancement Program

2. PARTIES AND DATE

- 2.1 This Project Baseline Agreement (Agreement) for the *Mathilda Avenue Improvements at SR 237 and US 101*, effective on, August 15, 2018 (will be completed by CTC), is made by and between the California Transportation Commission (Commission), the California Department of Transportation (Caltrans), the Project Applicant, *Santa Clara Valley Transportation Authority (VTA)*, and the Implementing Agency, *Santa Clara Valley Transportation Authority (VTA)*, sometimes collectively referred to as the "Parties".

3. RECITAL

- 3.2 Whereas at its May 16, 2018 meeting the Commission approved the Local Partnership Program (Competitive), and included in this program of projects the *Mathilda Avenue Improvements at SR 237 and US 101*, the parties are entering into this Project Baseline Agreement to document the project cost, schedule, scope and benefits, as detailed on the Project Programming Request Form attached hereto as Exhibit A and the Project Report attached hereto as Exhibit B, as the baseline for project monitoring by the Commission.
- 3.3 The undersigned Project Applicant certifies that the funding sources cited are committed and expected to be available; the estimated costs represent full project funding; and the scope and description of benefits is the best estimate possible.

4. GENERAL PROVISIONS

The Project Applicant, Implementing Agency, and Caltrans agree to abide by the following provisions:

- 4.1 To meet the requirements of the Road Repair and Accountability Act of 2017 (Senate Bill [SB] 1, Chapter 5, Statutes of 2017) which provides the first significant, stable, and on-going increase in state transportation funding in more than two decades.
- 4.2 To adhere, as applicable, to the provisions of the Commission:
- Resolution *Insert Number*, "Adoption of Program of Projects for the Active Transportation Program", dated
 - Resolution LLP-P-1718-01, "Adoption of Program of Projects for the Local Partnership Program", dated May 16, 2018
 - Resolution *Insert Number*, "Adoption of Program of Projects for the Solutions for Congested Corridors Program", dated
 - Resolution *Insert Number*, "Adoption of Program of Projects for the State Highway Operation and Protection Program", dated
 - Resolution *Insert Number*, "Adoption of Program of Projects for the Trade Corridor Enhancement Program", dated

- 4.3 All signatories agree to adhere to the Commission's Local Partnership Program (Competitive), Guidelines. Any conflict between the programs will be resolved at the discretion of the Commission.
- 4.4 All signatories agree to adhere to the Commission's SB 1 Accountability and Transparency Guidelines and policies, and program and project amendment processes.
- 4.5 The Santa Clara Valley Transportation Authority (VTA) agrees to secure funds for any additional costs of the project.
- 4.6 The Santa Clara Valley Transportation Authority (VTA) agrees to report to Caltrans on a quarterly basis; after July 2019, reports will be on a semi-annual basis on the progress made toward the implementation of the project, including scope, cost, schedule, outcomes, and anticipated benefits.
- 4.7 Caltrans agrees to prepare program progress reports on a quarterly basis; after July 2019, reports will be on a semi-annual basis and include information appropriate to assess the current state of the overall program and the current status of each project identified in the program report.
- 4.8 The Santa Clara Valley Transportation Authority (VTA) agrees to submit a timely Completion Report and Final Delivery Report as specified in the Commission's SB 1 Accountability and Transparency Guidelines.
- 4.9 All signatories agree to maintain and make available to the Commission and/or its designated representative, all work related documents, including without limitation engineering, financial and other data, and methodologies and assumptions used in the determination of project benefits during the course of the project, and retain those records for four years from the date of the final closeout of the project. Financial records will be maintained in accordance with Generally Accepted Accounting Principles.
- 4.10 The Transportation Inspector General of the Independent Office of Audits and Investigations has the right to audit the project records, including technical and financial data, of the Department of Transportation, the Project Applicant, the Implementing Agency, and any consultant or sub-consultants at any time during the course of the project and for four years from the date of the final closeout of the project, therefore all project records shall be maintained and made available at the time of request. Audits will be conducted in accordance with Generally Accepted Government Auditing Standards.

5. SPECIFIC PROVISIONS AND CONDITIONS

5.1 Project Schedule and Cost

See Project Programming Request Form, attached as Exhibit A.

5.2 Project Scope

See Project Report or equivalent, attached as Exhibit B. At a minimum, the attachment shall include the cover page, evidence of approval, executive summary, and a link to or electronic copy of the full document.

5.3 Other Project Specific Provisions and Conditions

Link to electronic copy of (Exhibit B) Project Report - https://www.dropbox.com/s/hi042awp701kwh8/Signed%20PR_Mathilda.pdf?dl=0

Attachments:

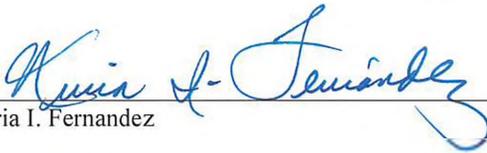
Exhibit A: Project Programming Request Form

Exhibit B: Project Report

SIGNATURE PAGE
TO
PROJECT BASELINE AGREEMENT

Mathilda Avenue Improvements at SR 237 and US 101

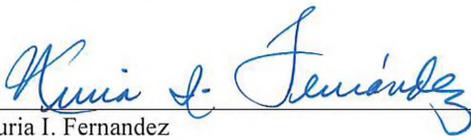
Resolution LPP-P-1819-02B



Nuria I. Fernandez
Date 6-13-18

General Manager, Santa Clara Valley Transportation Authority

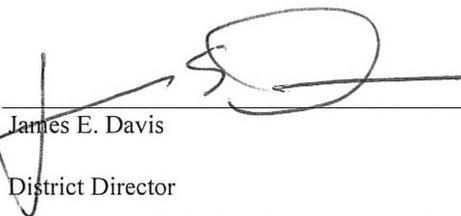
Project Applicant



Nuria I. Fernandez
Date 6-13-18

General Manager, Santa Clara Valley Transportation Authority

Implementing Agency



James E. Davis
Date 6/27/18

District Director

California Department of Transportation



Laurie Berman
Date 7-17-18

Director

California Department of Transportation



Susan Bransen
Date 8/16/18

Executive Director

California Transportation Commission

Amendment (Existing Project) No					Date:	8/8/18			
District		EA	Project ID		PPNO	MPO ID		Alt Proj. ID	
04									
County	Route/Corridor	PM Bk	PM Ahd	Project Sponsor/Lead Agency					
SCL	US 101	2.7	3.3	VTA					
SCL	SR 237	45.8	45.2	MPO		Element			
				MTC		Capital Outlay			
Project Manager/Contact		Phone		E-mail Address					
Gene Gonzalo		408-925-4236		gene.gonzalo@vta.org					
Project Title									
Mathilda Avenue Improvements at SR 237 and US 101									
Location (Project Limits), Description (Scope of Work)									
In the City of Sunnyvale, on Mathilda Avenue from Almanor Avenue to Innovation Way, construct improvements including on and off ramp improvements at SR 237 (from the interchange to 0.3 miles in each direction) and US 101 (from the interchange to 0.3 miles in each direction). The project also proposes to improve local roadway operations and construct new complete streets improvements. The total length of the project is about one mile on Mathilda Avenue.									
Component									
PA&ED		VTA							
PS&E		VTA							
Right of Way		VTA							
Construction		VTA							
Legislative Districts									
Assembly:	22		Senate:	11		Congressional:	15		
Project Benefits									
The Build alternative results in a significant reduction in vehicle delay during the AM peak and PM peak. The project will result in a decrease of 15,850 daily VMT at open to traffic (2020) and a 61,133 reduction in the horizon year (2040). The project reduces GHG (nearly 5,000 metric tonnes annually in the horizon year as well as other criteria pollutants - all consistent with the RTP/SCS for the region.									
Purpose and Need									
The primary purpose of the project is to improve traffic operations and traffic flow on Mathilda Avenue, reducing congestion and improving mobility for all modes of traffic. The project will also improve traffic safety, particularly at the freeway interchanges by eliminating weaving movements. The project will also provide new complete streets improvements in the corridor. The project's primary need is based on current congestion and safety as well as a lack of complete bicycle and pedestrian facilities.									
Category		Outputs/Outcomes				Unit	Total		
Local streets and roads		Operational Improvements				Miles	1		
State Highway Road Construction		Modified / Improved Interchanges				each	2		
Local streets and roads		Pedestrian/Bicycle Facilities miles constructed				Miles	1		
Local streets and roads		Intersections Modified				each	6		
ADA Improvements	Yes	Bike/Ped Improvements	Yes	Reversible Lane analysis	No				
Includes Sustainable Communities Strategy Goals				Yes	Reduces Greenhouse Gas Emissions				Yes
Project Milestone						Existing	Proposed		
Project Study Report Approved						02/13/15			
Begin Environmental (PA&ED) Phase							02/26/15		
Circulate Draft Environmental Document				Document Type		08/12/16			
Draft Project Report							08/11/16		
End Environmental Phase (PA&ED Milestone)							01/20/17		
Begin Design (PS&E) Phase							01/21/17		
End Design Phase (Ready to List for Advertisement Milestone)							06/15/18		
Begin Right of Way Phase							02/01/17		
End Right of Way Phase (Right of Way Certification Milestone)							06/10/18		
Begin Construction Phase (Contract Award Milestone)							12/01/18		
End Construction Phase (Construction Contract Acceptance Milestone)							12/01/20		
Begin Closeout Phase							12/01/20		
End Closeout Phase (Closeout Report)							12/01/21		

ADA Notice

For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 654-6410 or TDD (916) 654-3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento,

PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 8/8/18

Additional Information**Roadway Improvements**

The Project would consist of the following roadway improvements:

- Realign and widen the northbound US 101 ramps and signalize the ramp intersection with Mathilda Avenue, and construct a left-turn lane on southbound Mathilda Avenue to access the northbound US 101 loop on-ramp.
- Realign the southbound US 101 off-ramp and loop on-ramp and signalize the ramp intersection with Mathilda Avenue.
- Modify the Mathilda Avenue/Ross Drive signal intersection.
- Remove the northbound US -101 loop off-ramp to Mathilda Avenue and shift traffic to the northbound US 101 diagonal off-ramp.
- Remove the westbound SR 237 ramp signal intersection. Realign the westbound SR 237 off-ramp opposite Moffett Park Drive and modify the signal intersection. The existing signalized intersections on Mathilda Avenue at the SR 237 westbound offramp and Moffett Park Drive would be removed.
- Signalize the reconfigured westbound SR 237 off-ramp/Moffett Park Drive intersection. The westbound SR 237 off-ramp would be modified to intersect with Mathilda Avenue just south of the new signalized intersection. Mathilda Avenue northbound traffic heading to westbound SR 237 would have to make a U-turn movement at the new signalized intersection to access the on-ramp.
- Modify the westbound SR 237 ramps to provide a diamond configuration.
- Close Moffett Park Drive between Bordeaux Drive and Mathilda Avenue, replace with a Class I bikeway and shift traffic to Bordeaux Drive and Innovation Way. Innovation Way would be extended from Mathilda Avenue to Bordeaux Drive as part of the Moffett Place Campus Project. Moffett Park Drive eastbound north of Mathilda Avenue would remain.
- Modify and signalize the Innovation Way and Juniper Networks driveway intersection.
- Provide three continuous through lanes in each direction on Mathilda Avenue.

Bicycle improvements consist of:

- Installing sidewalk along the west side of Mathilda Avenue between Almanor Avenue and Moffett Park Drive. The sidewalk would be a minimum of 6 feet wide where feasible.
- Installing pedestrian countdown signals at westbound SR 237 ramps, eastbound SR 237 ramps, Ross Drive, northbound US 101 ramps, and southbound US 101 ramps.
- Class II bike lanes based on available pavement widths within the Project area, and would connect to the existing Class II bike lanes and Class III bike routes on Mathilda Avenue and the Class I bikeway on the Sunnyvale West Channel.
- Bicycle improvements on Moffett Park Drive would consist of a Class I bikeway between Borregas Avenue and Mathilda Avenue.

Pedestrian Improvements include:

- Upgrading existing pedestrian facilities to incorporate current Americans with Disabilities Act standards, including curb ramps at all crosswalks.
- Incorporating pavement delineation with new crosswalk markings.
- Realigning ("teeing up") and signalizing ramp termini to provide new pedestrian crossings, where feasible.
- The Project proposes to extend the Class I bicycle path on Moffett Park Drive to Innovation Way and connect to the existing Class II bicycle lanes that extend to Ellis Street in Mountain View.

ADA Notice

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PROJECT PROGRAMMING REQUEST

DTP-0001 (Revised July 2017)

Date: 8/8/18

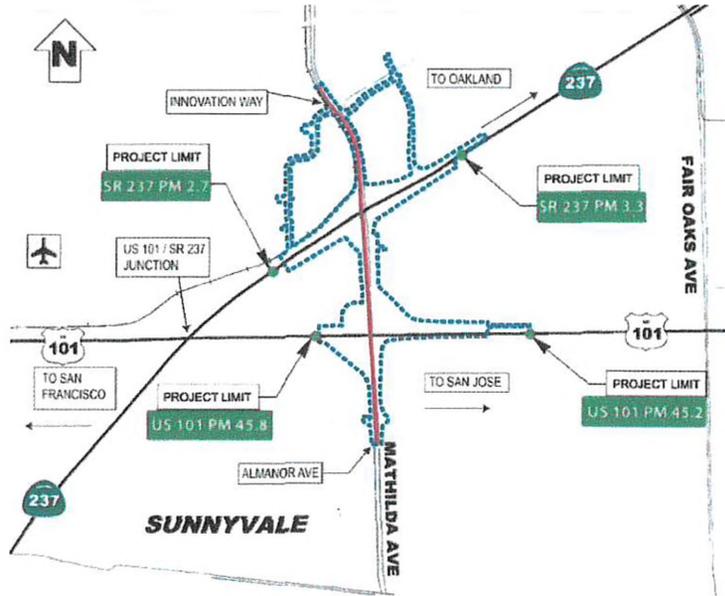
District	County	Route	EA	Project ID	PPNO	Alt Proj. ID
04	SCL, SCL	US 101, SR 237				
Project Title: Mathilda Avenue Improvements at SR 237 and US 101						

Existing Total Project Cost (\$1,000s)									Implementing Agency
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)									VTA
PS&E									VTA
R/W SUP (CT)									VTA
CON SUP (CT)									VTA
R/W									VTA
CON									VTA
TOTAL									
Proposed Total Project Cost (\$1,000s)									Notes
E&P (PA&ED)	4,000							4,000	
PS&E	3,200							3,200	
R/W SUP (CT)									
CON SUP (CT)									
R/W	800							800	
CON		34,000						34,000	
TOTAL	8,000	34,000						42,000	

Fund No. 1:	Local Funds								Program Code
Existing Funding (\$1,000s)									Funding Agency
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)	4,000							4,000	
PS&E	3,200							3,200	
R/W SUP (CT)									
CON SUP (CT)									
R/W	800							800	
CON		17,000						17,000	
TOTAL	8,000	17,000						25,000	

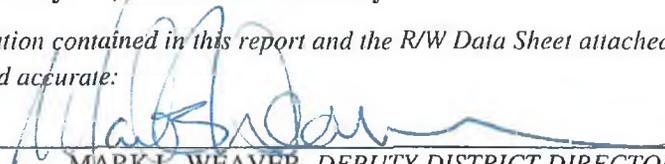
Fund No. 2:	SB-1 LPP Competitive								Program Code
Existing Funding (\$1,000s)									Funding Agency
Component	Prior	18/19	19/20	20/21	21/22	22/23	23/24+	Total	
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON									
TOTAL									
Proposed Funding (\$1,000s)									Notes
E&P (PA&ED)									
PS&E									
R/W SUP (CT)									
CON SUP (CT)									
R/W									
CON		17,000						17,000	
TOTAL		17,000						17,000	

PROJECT REPORT

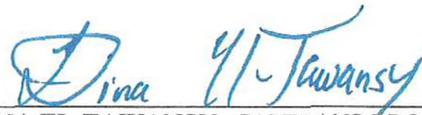


on Mathilda Avenue from Almanor Avenue to Innovation Way; on SR 237 from 0.3 mile east of US 101/SR 237 Junction to 0.3 mile east of Mathilda Avenue Undercrossing; and on US 101 from 0.5 mile south of Mathilda Avenue Overcrossing to 0.3 mile south of SR 237/US 101 Junction in City of Sunnyvale, in Santa Clara County

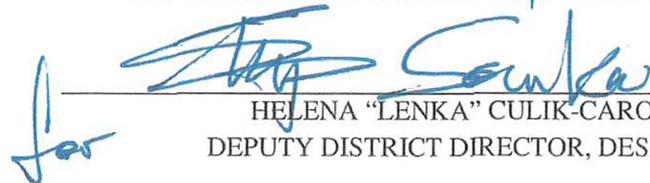
I have reviewed the right of way information contained in this report and the R/W Data Sheet attached hereto, and find the data to be complete, current, and accurate:


 MARK L. WEAVER, DEPUTY DISTRICT DIRECTOR
 RIGHT OF WAY AND LAND SURVEYS

APPROVAL RECOMMENDED


 DINA EL-TAWANSY, CALTRANS PROJECT MANAGER

APPROVED


 HELENA "LENKA" CULIK-CARO
 DEPUTY DISTRICT DIRECTOR, DESIGN

 1/20/2017
 Date

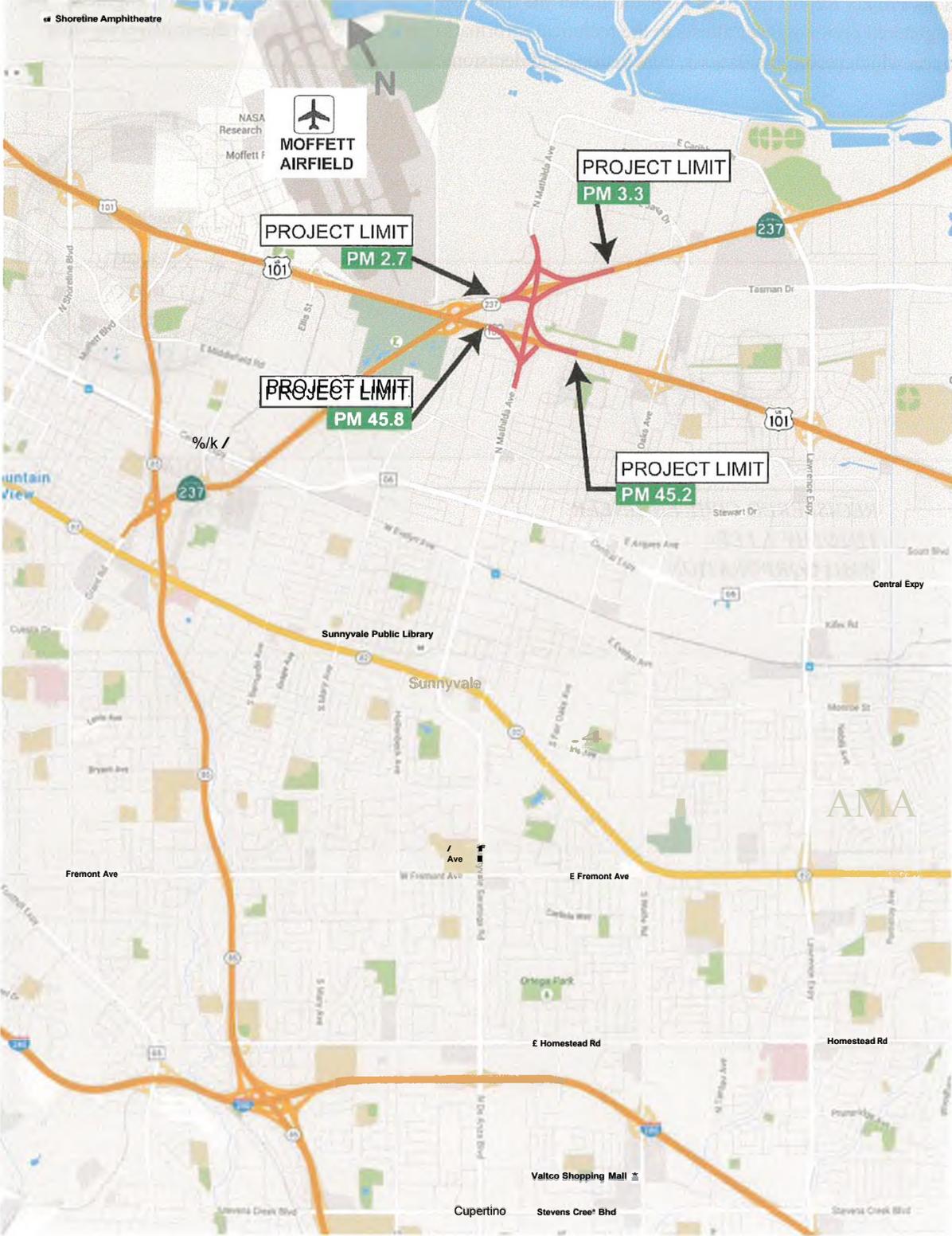
This Project Report has been prepared under the direction of the following registered civil engineer. The registered civil engineer attests to the technical information contained herein and the engineering data upon which recommendations, conclusions and decisions are based.



REGISTERED CIVIL ENGINEER
TIMOTHY J. LEE
WMH CORPORATION

12/21/2016
DATE

Vicinity Map



Mathilda Avenue Improvements at SR 237 and US 101 Project Report

1. INTRODUCTION

The State of California, Department of Transportation (Caltrans), in cooperation with the Santa Clara Valley Transportation Authority (VTA) and the City of Sunnyvale, is proposing the "Mathilda Avenue Improvements at SR 237 and US 101 Project" (Project) to improve Mathilda Avenue in the City of Sunnyvale from Almanor Avenue/Ahwanee Avenue to Innovation Way, including on- and off-ramp improvements at the State Route (SR) 237/Mathilda Avenue and U.S. Highway 101 (US 101)/Mathilda Avenue interchanges. On SR 237, the Project limits are from 0.3 mile east of the US 101/SR 237 interchange (post mile [PM] 2.7) to 0.3 mile east of the Mathilda Avenue Undercrossing (PM 3.3). On US 101, the Project limits are from 0.5 mile south of the Mathilda Avenue Overcrossing (PM 45.2) to 0.3 mile south of the SR 237/US 101 interchange (PM 45.8). The total length of the Project on Mathilda Avenue is approximately one mile.

Project Limits	04-SCL-237 PM 2.7/3.3; SCL-101-PM 45.2/45.8	
Number of Alternatives	Two	
	Current Cost Estimate:	Escalated Cost Estimate:
Capital Outlay Support	\$11.59 million	\$11.59 million
Capital Outlay Construction	\$23.25 million	\$24.67 million
Capital Outlay Right-of-Way	\$3.58 million	\$3.69 million
Funding Source	Local Funds	
Funding Year	2017/2018, see Section 8 for more information	
Type of Facility	Mathilda Avenue: 6 Lane Arterial SR 237: Varies 4-6 Lane Freeway US 101: 8 Lane Freeway	
Number of Structures	One structure. Also includes new retaining walls and sound wall reconstruction at various locations	
Environmental Determination or Document	Environmental Impact Report (EIR)	
Legal Description	In Santa Clara County in Sunnyvale on Mathilda Avenue from Almanor Avenue to Innovation Way; on SR 237 from 0.3 mile east of US 101/SR 237 Junction to 0.3 mile east of Mathilda Avenue Undercrossing; and on US 101 from 0.5 mile south of the Mathilda Avenue Overcrossing to 0.3 mile south of the SR 237/US 101 Junction	
Project Development Category	3	

The current estimated total project cost is \$38.45 million, which includes Capital Outlay and Support costs. This project is proposed to be fully funded by the City of Sunnyvale and from other local sources. The proposed project is listed in the 2016 Transportation Improvement Program (TIP) (TIP ID: SCL130001, RTP ID: 240443).

The project is consistent with the Metropolitan Transportation Commission's (MTC) Transportation 2040 Plan for the San Francisco Bay Area, adopted in July 2013.

This project has been assigned the Project Development Category 3 because it requires new right of way, but does not require a new route adoption.

For the full project report, go to:

https://www.dropbox.com/s/hi042awp701kwh8/Signed%20PR_Mathilda.pdf?d1=0