

# Capital Projects

# Quarterly Status Report

**Third Quarter FY2021: January 01-March 31, 2021**

**Report prepared for the June 03, 2021 TA Board Meeting**







TABLE OF CONTENTS

Traffic Light Report..... 1

**Level 2 Projects**

**Highways** .....2

00621 – U.S. 101 / Broadway Interchange Project..... 3

00622 – U.S. 101 / Willow Interchange Project ..... 5

00768 – U.S. 101 / Woodside Road Interchange Project..... 7

00782 – San Pedro Creek Bridge Replacement Project ..... 9

00791 – U.S. 101 / Express Lanes Project ..... 11

00793 – Route 1 Safety & Operational Improvements Project (Gray Whale Cove) ..... 13

00795 – U.S. 101 / Holly Street Interchange Project ..... 15

00801 – U.S. 101 / Peninsula Ave Interchange Project..... 17

00803 – U.S. 101 / Produce Avenue Project ..... 19

00805 – Highway 92 / El Camino Real Interchange Project..... 21

00822 – Route 1 Safety & Operational Improvements Project (Wavecrest Road - Poplar Street) 23

00823 – Route 1 Safety & Operational Improvements Project (Main Street – Kehoe Avenue) .... 25

100302 – U.S. 101 Managed Lanes North Project (I-380 to SM/SF County Line)..... 27

100318 – U.S. 101 / SR 92 Interchange Area Improvements Project ..... 29

100319 – U.S. 101 / SR 92 Direct Connector Project..... 31

**Caltrain - Grade Separation & Station Improvements**..... 33

00812 – Grade Separation Project- 25th Avenue (San Mateo)..... 34

00813 – Grade Separation Project – Broadway (Burlingame) ..... 36

00824 – South San Francisco Station Improvement Project ..... 38

**Level 1 Projects**

**Caltrain - Grade Separation** ..... 41

00814 – Grade Separation Study Project – (South Linden Avenue/Scott Street)..... 42

100277 - Grade Separation Study Project – (Whipple Avenue Redwood City)..... 42

**Ferry Program Project**..... 43

100345 - Ferry Study Project – Redwood City Ferry Project (Redwood City)..... 44

**Pedestrian and Bicycle Program Project** ..... 45

Pedestrian and Bicycle Program Project Status Update ..... 46

Definition of Terms ..... 47

Abbreviations..... 48

Project Phases ..... 49

Performance Status (Traffic Light) Criteria - Highway Program.....50

Performance Status (Traffic Light) Criteria - Caltrain Program.....51

Level 2 Projects

	SCOPE		BUDGET		SCHEDULE		FUNDING		Page
	O2 FY21	O3 FY21	O2 FY21	O3 FY21	O2 FY21	O3 FY21	O2 FY21	O3 FY21	
<b>Highways</b>									2
00621 - U.S. 101 / Broadway Interchange Project Phase - Highway Planting	G	G	G	G	G	G	G	G	3
00622 - U.S. 101 / Willow Interchange Project Phase - Highway Planting	G	G	G	G	G	G	G	G	5
00768 - U.S. 101 / Woodside Interchange Project Phase - PS&E / ROW	G	G	G	G	G	G	G	G	7
00782 - San Pedro Creek Bridge Replacement Project Phase - Biological Monitoring	G	G	G	G	G	G	G	G	9
00791 - U.S. 101 Express Lanes Project Phase - Construction	G	G	G	G	G	G	G	G	11
00793 - Highway 1 Safety & Operational Improvements Project (Gray Whale Cove) Phase - Permit Engineering Evaluation Report ( PEER)	G	G	G	G	G	G	G	G	13
00795 - U.S. 101 / Holly Street Interchange Project Phase - PS&E	G	G	R	R	R	R	R	R	15
00801 - U.S. 101 / Peninsula Ave Interchange Project Phase - PA&ED	G	G	Y	Y	R	G	G	G	17
00803 - U.S. 101 / Produce Avenue Project Phase - PA&ED	G	G	G	G	G	G	G	G	19
00805 - Highway 92 / El Camino Real Interchange Project Phase - Highway Planting	G	G	G	G	G	G	G	G	21
00822 - Route 1 Safety & Operational Improvements Project (Wavcrest Road to Poplar Street) Phase - Construction	G	G	G	G	G	G	G	G	23
00823 - Route 1 Safety & Operational Improvements Project (Main Street to Kehoe Ave) Phase - Final Design	G	G	G	G	G	G	G	G	25
100302 - U.S. 101 Managed Lanes North Project Phase - PID	G	G	G	G	G	G	G	G	27
100318 - U.S. 101 / SR 92 Interchange Area Improvements Project Phase - PID	G	G	G	G	G	G	G	G	29
100319 - U.S. 101 / SR 92 Direct Connector Project Phase - PID	G	G	G	G	G	G	G	G	31
<b>Caltrain - Grade Separation &amp; Station Improvements</b>									33
00812 - Grade Separation Project - 25th Avenue (San Mateo) Phase - Construction	G	G	R	G	G	Y	R	G	34
00813 - Grade Separation Project - Broadway (Burlingame) Phase - PE/ENV	G	G	G	G	G	G	G	G	36
00824 - South San Francisco Station Improvement Project (South San Francisco) Phase - Construction	G	G	Y	R	R	R	Y	R	38

Level 1 Projects

<b>Caltrain - Grade Separation &amp; Oversight</b>									41
00814 - Grade Separation Study Report - (South Linden Avenue/Scott Street) Phase - Planning									42
100277 - Grade Separation Study Project - Whipple Avenue (Redwood City) Phase - Planning									42
<b>Ferry Program Project</b>									43
100345 - Ferry Study Project - Redwood City Ferry Project (Redwood City) Phase - Planning									44
<b>Pedestrian and Bicycle Program Project</b>									45
Pedestrian and Bicycle Program Project Status Update									46

 = Project On-Hold    
  = No Issues    
  = Notable Issues    
  = Significant Issues

# **Level 2 Projects** **Highways**

# 000621 - U.S. 101 / BROADWAY INTERCHANGE PROJECT

**TA Role:** Funding Agency and Highway Planting Design  
**Sponsor:** City of Burlingame

**Scope:** The project reconstructed the existing US 101/Broadway Interchange, including a new Broadway Overcrossing with a wider structure and new ramp connections to US 101 to address traffic congestion and safety concerns. TA was responsible for completing the Project Initiation Document (PID), Project Report, Environmental Documents (PA&ED), and Plan, Specifications and Estimate (PS&E). TA also developed the Right-of-Way Certification for the project. Caltrans was the implementation agency for the construction phase, and was responsible for utility relocation oversight. Construction phase includes right-of-way and utility relocation activities, and one-year plant establishment period for planting on City's right-of-way (R/W). Highway planting on Caltrans' right-of-way is part of a subsequent contract following completion of the roadway construction contract.

**Project Status Summary:** Interchange construction was completed in October 2017 and the one-year plant establishment period for City's planting continued through October 2018. Caltrans signed and accepted the roadway construction contract on October 28, 2018. The project submitted 95% highway planting design to Caltrans.

**Issues:** None

**Schedule:**

Major Milestones:	Original Baseline		Current Baseline (09/18)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
Plant Establishment (City R/W; One Year)	10/20/17	10/30/18	10/20/17	10/30/18	10/20/17	10/30/18
Highway Planting Design	05/06/19	06/03/20	05/06/19	06/03/20*	05/06/19	10/03/20*

**Progress This Quarter:**

- (1) Continued addressing Caltrans' comments on right-of-way record maps.
- (2) Continued coordination with US 101 Express Lanes Project.
- (3) Began to respond to 95% landscaping design submittal.
- (4) Caltrans continued to finalize maintenance responsibilities/ agreement with City of Burlingame.
- (5) Continued coordination with City on Section 83 Quitclaim deed package for right-of-way transfers.

**Future Activities:**

- (1) Obtain Caltrans approval on final right-of-way record maps.
- (2) Complete responses to 95% submittal comments.
- (3) City to obtain approval on Section 83 Quitclaim deed package.
- (4) City to execute Maintenance Agreement with Caltrans.

**Issues:** \*The US 101 Express Lanes Project is utilizing the project area for staging until Summer 2022. Based on discussion with Caltrans, the construction of the highway planting will begin after the staging work for the Express Lanes Project is completed in July 2022. There are on-going maintenance responsibilities discussions for highway planting. TA is evaluating schedule impact based on Express Lanes Project schedule and required permit requirements. Schedule will be updated once concurrences from Caltrans and City are received.

**Funding :**

	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$59,187,000	63%	\$57,322,584	97%	\$59,187,000	63%
<b>Others</b>						
<b>Federal</b>	\$3,613,000	4%	\$3,533,569	98%	\$3,613,000	4%
<b>State</b>	\$24,818,000	26%	\$23,987,146	97%	\$24,818,000	26%
<b>City</b>	\$6,120,000	7%	\$6,120,000	100%	\$6,120,000	7%
<b>Total</b>	<b>\$93,738,000</b>	<b>100%</b>	<b>\$90,963,300</b>	<b>97%</b>	<b>\$93,738,000</b>	<b>100%</b>

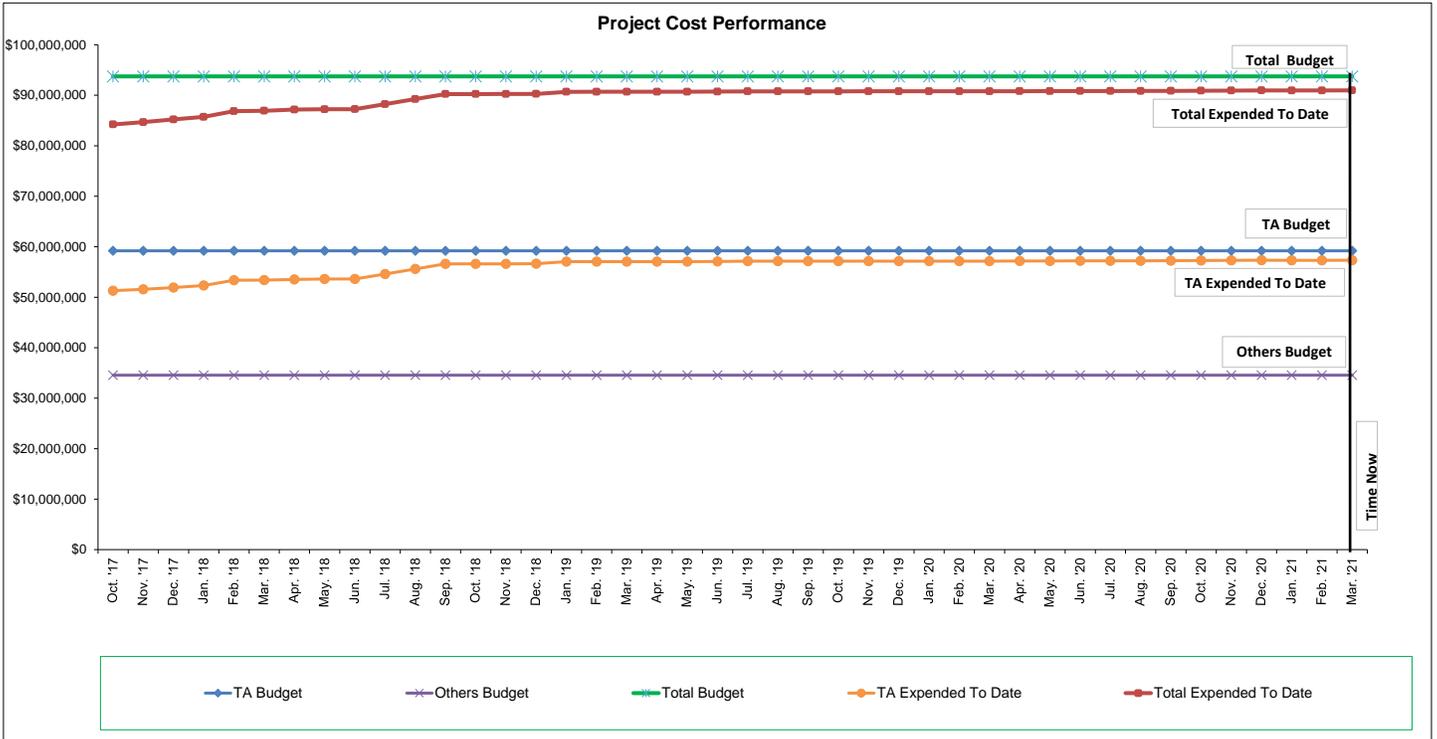
**Issues:** None

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$59,187,000	\$57,322,584	\$1,864,416	\$59,187,000	\$0
Others	\$34,551,000	33,640,715	\$910,285	\$34,551,000	\$0
<b>Total Project</b>	<b>\$93,738,000</b>	<b>\$90,963,300</b>	<b>\$2,774,700</b>	<b>\$93,738,000</b>	<b>\$0</b>

Note: The current budget includes the cost for subsequent highway planting work.



\* Cost incurred from the beginning of roadway construction and current highway planting phases.

**Issues:** None

# 000622 - U.S. 101 / WILLOW INTERCHANGE PROJECT

TA Role: Funding Agency

Sponsor: City of Menlo Park

**Scope:**



This project converted the existing full-cloverleaf interchange to a partial-cloverleaf interchange and replaced the existing Willow Road Overcrossing with additional vehicular lanes, sidewalks on both sides, and new enhanced bikeways. The project also realigned and widened on- and off-ramps, and installed new signals at the ramp intersections.

**Project Status Summary:**

**Project Status Summary:**

TA developed the Project Study Report (PSR) in May 2005. The Environmental Document for the PA&ED phase was approved in November 2015. Caltrans completed the Plans, Specifications & Estimate (PS&E), and the project received Right-of-Way Certification. In July 2016, TA entered into a Cooperative Agreement with Caltrans and City of Menlo Park (City) for the construction phase of the project. Project was advertised on September 26, 2016. Project bids were opened on December 16, 2016. Construction contract was awarded on February 10, 2017. Notice-to-proceed was issued on May 5, 2017. Groundbreaking ceremony was held on May 16, 2017. The construction is complete. The project is in closeout stage and the City has revised the concept highway planting design to accommodate excess excavated soil from the San Mateo Express Lanes Project. Caltrans completed reviewing claims and discussions with contractors, TA and City. City is proceeding with landscaping design

**Issues:**

None

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (08/15)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PS&E	07/01/07	01/02/09	01/02/14	12/01/15	01/02/14	02/25/16
Right of Way	07/01/07	03/02/09	01/02/14	12/23/15	01/02/14	04/30/16
Construction	05/08/17	07/26/18	05/08/17	12/31/18	05/08/17	10/31/19

**Progress**

- (1) City was not awarded Urban Greening Grants.
- (2) City began design development for basic landscape option.
- (3) Caltrans settled claims with contractors.
- (4) Continued to closeout construction phase with Caltrans and City.
- (5) Caltrans, City and TA to finalize the amendment to Coop. Agreement.
- (6) City continued coordination with the US 101 San Mateo County Express Lanes Project.
- (7) City continued to discuss design, construction, and maintenance responsibilities/ agreement Caltrans EPA..

**This Quarter:**

**Future**

**Activities:**

- (1) TA to process \$4M STIP funds reimbursement request to CTC.
- (2) City to continue to discuss design, construction, and maintenance responsibilities/agreements with Caltrans and EPA.
- (3) City to update the community and the City Council project status and progress in Quarter 4.

**Issues:**

Schedule for highway planting final design will be provided once the City obtains the approval to proceed from City Council and Caltrans.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$56,400,000	84%	\$53,443,809	95%	\$56,400,000	84%
<b>Others</b>						
<b>State</b>	\$10,400,000	16%	\$10,268,218	99%	\$10,400,000	16%
<b>Total</b>	<b>\$66,800,000</b>	<b>100%</b>	<b>\$63,712,027</b>	<b>95%</b>	<b>\$66,800,000</b>	<b>100%</b>

**Issues:**

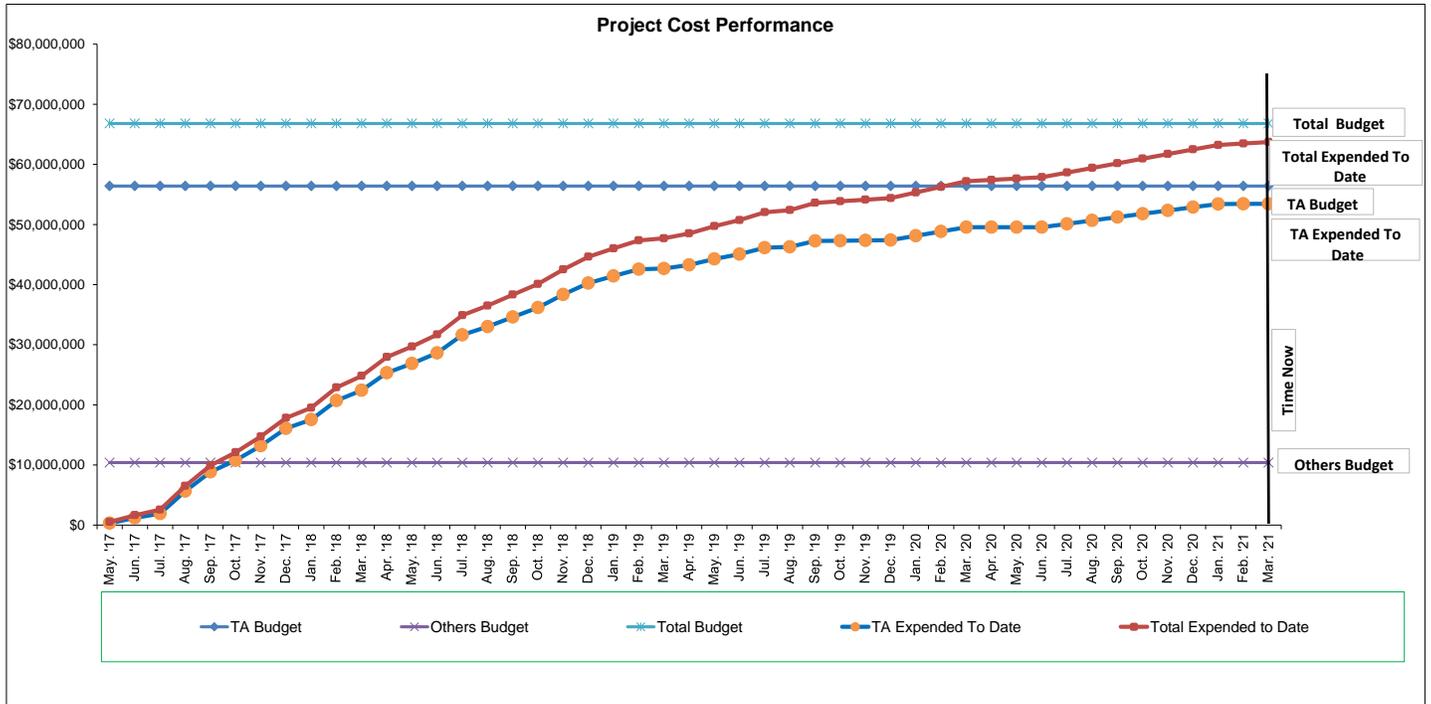
The construction cost saving may be made available to fund standard landscaping construction after the completion of the landscaping design. The City is funding the highway planting design work and is not included in this table.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$56,400,000	\$53,443,809	\$2,956,191	\$56,400,000	\$0
State	\$10,400,000	\$10,268,218	\$131,782	\$10,400,000	\$0
<b>Total Project</b>	<b>\$66,800,000</b>	<b>\$63,712,027</b>	<b>\$3,087,973</b>	<b>\$66,800,000</b>	<b>\$0</b>

Note: Budget is for construction phase only. Construction cost saving may be made available to fund standard landscaping construction. The City is funding the highway planting design work and is not included in this table.



\* Cost incurred from the beginning of current construction phase.

**Issues:** None

# 000768 - U.S. 101/ WOODSIDE ROAD INTERCHANGE PROJECT

TA Role: Funding Agency

Sponsor: City of Redwood City (Also Implementing Agency)

**Scope:**



The project will improve the operation of US 101/ Woodside Road (State Route 84) Interchange by widening Woodside Road and realignment of freeway ramps. The project will widen Woodside Road from four lanes to six lanes, reconstruct ramp connections between Woodside Road and US 101, and eliminate the existing five-legged intersection at Broadway and Woodside Road.

**Project Status Summary:**

Caltrans approved the Environmental Document and Final Project Report. In January 2017, the TA Board of Directors allocated additional Measure A funds to support the Plans, Specifications & Estimate (PS&E) and right-of-way support phases and the City of Redwood City has committed additional matching funds. The project is in the PS&E and right-of-way support phases. In July 2017, City increased its funding contribution to cover the increased costs associated with PS&E, right-of-way and utility verification work. TA entered into a Funding Agreement with City in August 2017 for the PS&E phase of work, and a Notice-to-proceed was issued to the design consultant. In October 2017, City entered a Cooperative Agreement with Caltrans for PS&E review and support. In February 2018, the TA Board programmed \$20,145,000 for right-of-way capital cost with allocation contingent on final right-of-way maps approved by Caltrans, cost update for right-of-way acquisitions and securing the balance of construction funds. The City completed responding to comments and documenting discussions with Caltrans. The City decided to shelve (or pause) design activities at the completion of the 95% design task due to lack of full capital funding for construction phase. The draft right-of-way appraisal preparation will continue to December 2021. The City is working to develop a full funding plan for the right-of-way capital and construction phases. Design activities and remaining right-of-way support work will resume after a full funding plan for construction and right-of-way is secured, which is estimated in early 2023.

**Issues:** None

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (07/19)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PA&ED	09/01/13	09/01/15	10/10/13	10/01/15	10/24/13	12/19/16
PS&E	08/01/17	05/01/20	08/01/17	12/31/20	08/01/17	12/31/20*
Right-of-way Support	08/01/17	05/01/20	08/01/17	12/31/20	08/01/17	12/31/20*

**Progress This Quarter:**

- (1) City continued base maps and appraisal maps development.
- (2) City coordinated with PG&E on substation design.
- (3) City refined bikeway design adjacent to PG&E substation.
- (4) City continued to coordinate with UPRR.
- (5) City began draft appraisal maps, plats/ descriptions, and appraisals.
- (6) City and TA executed amendment to Funding Agreement.
- (7) City began to look for grant opportunities for construction and right-of-way capital phases.

**Future Activities:**

- (1) City to obtain approval on base mapping.
- (2) City to submit draft appraisal maps to Caltrans.
- (3) City to continue to look for grant opportunities for construction and right-of-way capital phases.

**Issues:** \*In consultation with Caltrans and TA, the City decided to suspend (or pause) design activities at the completion of the 95% design task due to lack of full funding for construction phase. Design activities will be paused and draft right-of-way appraisal preparation will continue to December 2021. Design activities and remaining right-of-way support work will resume after a full funding plan for construction and right-of-

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$8,140,000	79%	\$6,748,907	83%	\$8,140,000	79%
<b>Others</b>						
<b>Federal</b>	\$0	0%	\$0	0%	\$0	0%
<b>State</b>	\$0	0%	\$0	0%	\$0	0%
<b>City</b>	\$2,110,000	21%	\$1,510,470	72%	\$2,110,000	21%
<b>Total</b>	<b>\$10,250,000</b>	<b>100%</b>	<b>\$8,259,376</b>	<b>81%</b>	<b>\$10,250,000</b>	<b>100%</b>

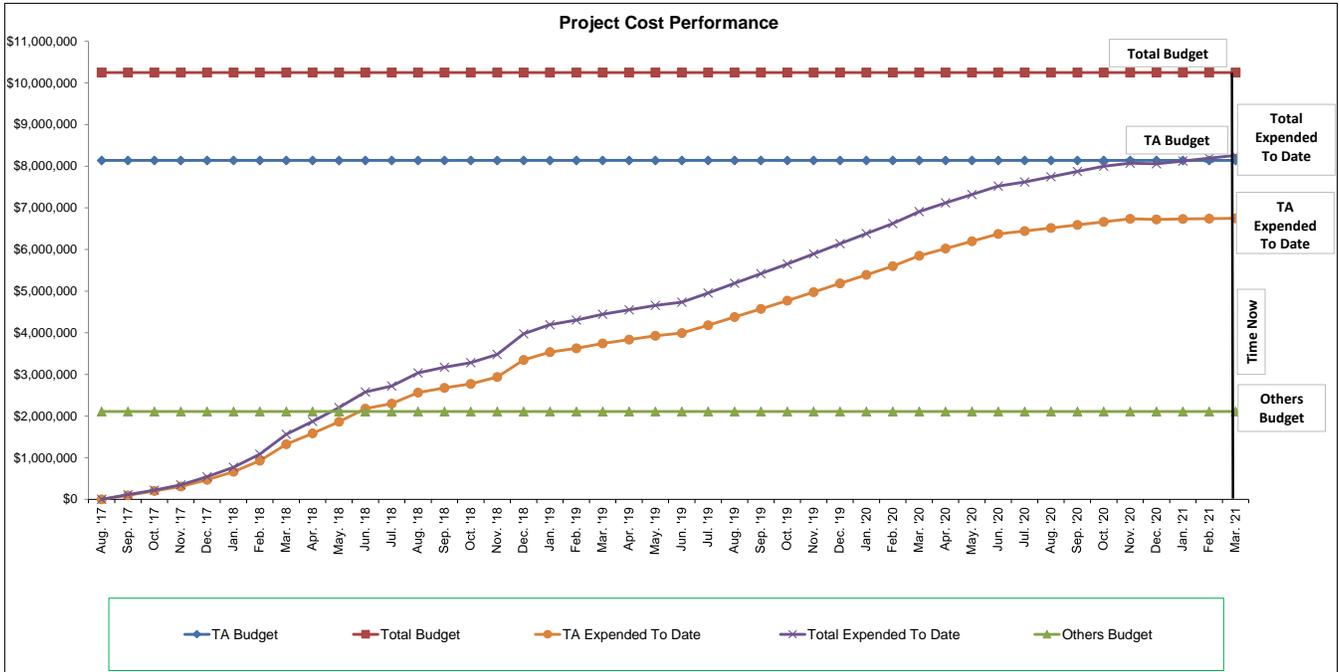
**Issues:** None

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$8,140,000	\$6,748,907	\$1,391,093	\$8,140,000	\$0
City	\$2,110,000	\$1,510,470	\$599,530	\$2,110,000	\$0
<b>Total Project</b>	<b>\$10,250,000</b>	<b>\$8,259,376</b>	<b>\$1,990,624</b>	<b>\$10,250,000</b>	<b>\$0</b>

Note: Budget is for PS&E and right-of-way support phases only.



\* Cost incurred from the beginning of current PS&E and right-of-way phases.

**Issues:** None

## 000782 - SAN PEDRO CREEK BRIDGE REPLACEMENT PROJECT

**TA Role:** Funding Agency and technical support during construction

**Sponsor:** City of Pacifica

**Scope:**



The project replaced the existing San Pedro Creek Bridge on State Route 1 with a longer and higher structure. The project also widened San Pedro Creek bed in the vicinity of the bridge. The limits of work on State Route 1 are from 0.3 miles south of the Linda Mar Intersection to the Linda Mar Intersection in Pacifica, CA.

**Project Status Summary:**

The construction phase was administrated by Caltrans and offsite mitigation was completed in August 2016. Project is currently in Phase II biological monitoring. Environmental permits issued for the project require an additional 3-year monitoring period after the completion of plant establishment. The additional monitoring is being performed under a separate contract with Caltrans. The 2019 and 2020 Annual Monitoring Reports show that the overall survivorship, vigor, and percent cover of seeded areas exceeded success criteria, and remained stable.

**Issues:** None

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (12/17)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
Plant Establishment/ Bio. Monitoring (Phase I)	10/15/15	11/30/17	10/15/15	11/30/17	10/15/15	12/31/17
Bio. Monitoring (Phase II)	11/30/17	11/30/20	01/01/18	12/31/20	01/01/18	12/31/20

**Progress This Quarter:** (1) City completed Phase II biological monitoring.  
(2) City completed final report and is waiting for Caltrans' final approval.

**Future Activities:** (1) City to obtain Caltrans' approval on final report.  
(2) Begin close out with City.

**Issues:** None

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$10,054,000	56%	\$7,730,504	99.9%	\$7,735,075	50%
<b>Others</b>						
<b>Federal</b>	\$4,446,000	25%	\$4,446,000	100%	\$4,446,000	29%
<b>State</b>	\$3,194,381	18%	\$3,101,199	100%	\$3,101,199	20%
<b>City</b>	\$150,000	1%	\$150,000	100%	\$150,000	1%
<b>Total</b>	<b>\$17,844,381</b>	<b>100%</b>	<b>\$15,427,703</b>	<b>100.0%</b>	<b>\$15,432,273</b>	<b>100%</b>

**Issues:** None

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$10,054,000	\$7,730,504	\$4,570	\$7,735,075	\$2,318,925
Others	\$7,790,381	\$7,697,199	\$0	\$7,697,199	\$93,182
<b>Total Project</b>	<b>\$17,844,381</b>	<b>\$15,427,703</b>	<b>\$4,570</b>	<b>\$15,432,273</b>	<b>\$2,412,108</b>

Note: Budget for PS&E, construction, plant establishment and a 3-year biological monitoring period.



\* Cost incurred from the beginning of current biological monitoring phase.

**Issues:** None

# 000791 - U.S. 101 EXPRESS LANES PROJECT

TA Role: Funding Agency / Co-Implementer / Co-Sponsor

Sponsors: C/CAG and TA

**Scope:**

This project will provide Express Lanes in both northbound and southbound directions of US 101 from the proposed Express Lanes in Santa Clara County to I-380 in San Mateo County.



**Project Status**

**Summary:**

The PSR-PDS was approved on May 4, 2015, and a Supplemental PSR-PDS was approved on June 3, 2016. The project charter was finalized in August 2016. In February 2017, the project began a series of meetings to inform the City's staff (located in the vicinity of the project limits) about the project and potential benefits and impacts. The preparation of Draft Environmental Document (DED) and Draft Project Report were completed. The DED was released for public circulation and comment on November 21, 2017. The comment period was closed on January 19, 2018. In February 2018, TA Board programmed and allocated \$22,000,000 for PS&E, right-of-way and construction. Allocation for construction conditioned on completion of PS&E and right-of-way. Based on comments received on the DED, it was determined that modifications of some sections of the DED is necessary. To provide ample opportunity for public input, a 30-day partial recirculation was established. The partial recirculation of the PA&ED phase was completed in October 2018. The design and construction of the project were broken down into northern and southern segments. Construction of the southern segment began in March 2019. The construction contract of the northern segment was awarded in November 2019 and construction began in March 2020.

**Issues:**

None

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (3/19)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PS&E	05/01/18	05/31/19	05/01/18	12/31/19	05/01/18	12/31/19
Construction (Southern Segment)	03/01/19	11/30/21	03/01/19	11/30/21	03/01/19	11/30/21
Construction (Northern Segment)	03/04/20	06/30/22	03/04/20	06/30/22	03/04/20	06/30/22

**Progress**

**This Quarter:**

1. Continue to review and issue change orders for both south and north contracts
2. Completed Pile driving on Northbound U.S. 101, adjacent to the on-ramp for the construction of a concrete barrier
3. Installation of sign truss for median toll system sign southern segment
4. Prepare for traffic shift to allow the construction work zone to move from the outside shoulder to the center median
5. Mobilize the contract to begin civil work at the northern end of the project (Block 4)
6. Completed third and final sound wall reconstruction
7. Completed all outside paving from on-ramps to off ramps
8. Removed six overhead sign bridges requiring replacement
9. Draft and negotiate Operations and Maintenance Agreements.
10. Installing storm water drainage systems, overhead signs, guardrail, and temporary concrete barriers
11. Continue to issue public notices, weekly and quarterly project updates to keep the surrounding community apprised of the various construction activities

**Future Activities:**

1. Median barrier demolition
2. Median sign foundation drilling
3. Install tolling equipment southern segment
4. Continue Draft and negotiate Operations and Maintenance Agreements.
5. Mobilize the contract to begin civil work at the northern end of the project (Block 4)
6. Provided enhanced pavement delineation on the freeway to improve safety
7. Continue to issue public notices, weekly and quarterly project updates to keep the surrounding community apprised of the various construction activities

**Issues:**

None

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA **</b>	\$30,500,000	5%	\$27,883,505	91%	\$30,500,000	5%
<b>Others</b>						
Regional	\$95,000,000	16%	\$22,692,954	24%	\$95,000,000	16%
Loan/Future Toll	\$86,500,000	15%	\$64,386,681	74%	\$86,500,000	15%
Federal	\$9,500,000	2%	\$9,500,000	100%	\$9,500,000	2%
State	\$306,670,000	53%	\$191,426,868	62%	\$306,670,000	53%
Private*	\$53,000,000	9%	\$19,586,838	37%	\$53,000,000	9%
<b>Total</b>	<b>\$581,170,000</b>	<b>100%</b>	<b>\$335,476,846</b>	<b>58%</b>	<b>\$581,170,000</b>	<b>100%</b>

\* \$8M from SAMCEDA and \$45M from Facebook Funding Agreements.

\*\* For tracking purposes going forward consistent with the reported project cost of \$581 million the total does not include the \$2 million earlier allocation from the TA for the PID phase.

**Issues:**

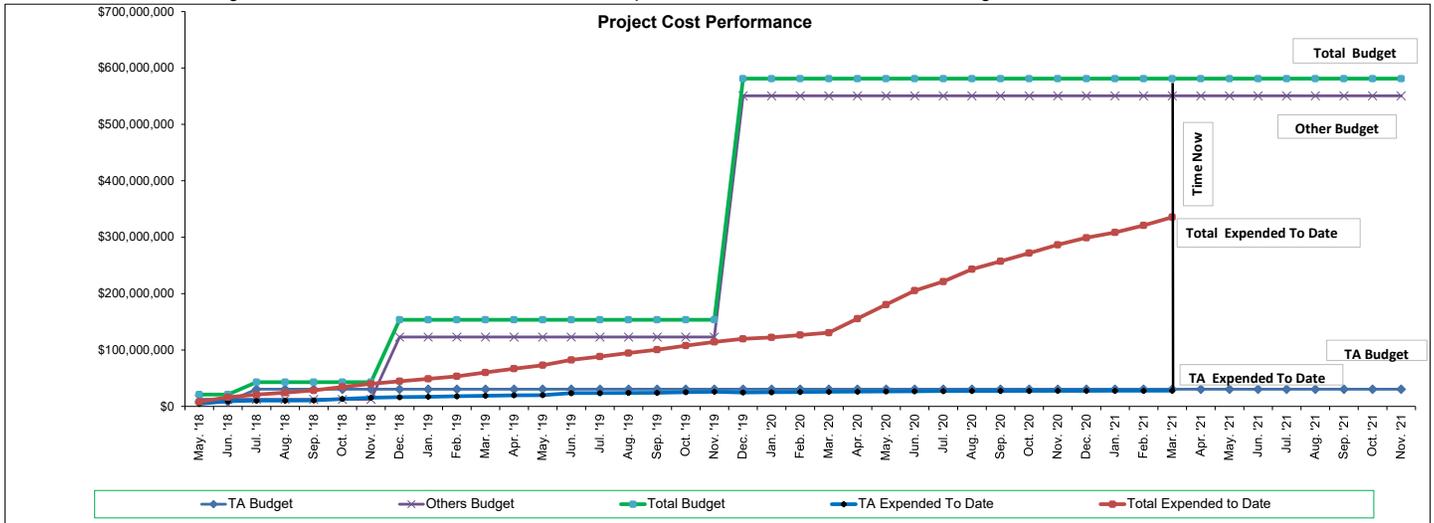
An additional \$9.5M of federal funds were added to the project budget in October 2017 for preliminary engineering work. \$22M of Measure A funds were included in the table above for PS&E, right-of-way and construction for southern segment. \$74.81M of \$220M of Senate Bill 1 (SB 1) funding was allocated by CTC and was added in the funding table. A combination of SB-1 SCCP (\$125.19M), SB-1 LPP (\$20M), STIP (\$26M), Local/Toll (\$133.35M) and private funding (\$50M) was also added to fund the construction of the northern segment.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA **	\$30,500,000	\$27,883,505	\$2,616,495	\$30,500,000	\$0
Others	\$550,670,000	\$307,593,341	\$243,076,659	\$550,670,000	\$0
<b>Total Project</b>	<b>\$581,170,000</b>	<b>\$335,476,846</b>	<b>\$245,693,154</b>	<b>\$581,170,000</b>	<b>\$0</b>

Note: Budget is for PA&ED, PS&E, ROW and construction phases for both southern and northern segment.



\*\* For tracking purposes going forward consistent with the reported project cost of \$581 million the total does not include the \$2 million earlier allocation from the TA for the PID phase.

**Issues:**

An additional \$9.5 M of federal funds were added to the project budget in October 2017 for preliminary engineering work. An additional \$22M of Measure A funds were added to the project budget in July 2018. \$74.81M of \$220M of Senate Bill 1 (SB 1) funding was added to the project budget in December 2018. \$36.03M of design funding for Cooperative Agreement was added to the project budget. A combination of SB-1 SCCP (\$125.19M), SB-1 LPP (\$20M), STIP (\$26M), Local/Toll (\$133.35M) and private funding (\$50M) was also added to fund the construction of the northern segment.

# 000793 - HIGHWAY 1 SAFETY & OPERATIONAL PROJECT (GRAY WHALE COVE)

**TA Role:** Implementing and Funding Agency

**Sponsor:** County of San Mateo

**Scope:**



Safety and mobility improvement to relieve traffic congestion, improve throughput, and enhance safety for motorists, bicyclists and pedestrians along a 7-mile stretch of Highway 1 from Gray Whale Cove to Miramar. Scope of project includes Preliminary Planning Study (PPS), Permit Engineering Evaluation Report (PEER) and Encroachment Permit phases.

**Project Status Summary:**

**Project Status Summary:**

The Final PPS was issued on August 31, 2015. Improvements were grouped into five general locations with two or three alternatives evaluated for each location. Four public outreach meetings were held on the coast. Project delivery recommendations are included in the final PPS report. The project stakeholders are in favor of the Gray Whale Cove improvement location. In November 2016, the Gray Whale Cove improvement alternative was selected to move forward as a standalone project under the Caltrans PEER process. The PEER will serve as the Project Initiation Document (PID) and Project Approval document to enter the Caltrans Encroachment Permit process. In September 2017, TA and the County of San Mateo entered a Memorandum of Understanding to begin work associated with the PEER phase and Notice-to-proceed was issued to design consultant on September 27, 2017. The project is on hold until the County of San Mateo has staff available to prepare and attend the Planning Commission Meeting.

**Issues:**

None

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (04/19)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PPS	03/03/14	06/30/15	03/03/14	12/31/15	03/03/14	08/31/15
PEER	09/27/17	09/30/18	09/27/17	4/30/2020*	09/27/17	11/30/19*

**Progress**

(1) Continued coordination with County and Caltrans for the Planning Commission Meeting.

**This Quarter:**

- (2) County continued to pursue funding sources for construction phase.
- (3) Submitted required project materials to Caltrans to keep the project active.

**Future Activities:**

- (1) Conduct hazardous materials field work.
- (2) Continue coordination with County and Caltrans to schedule and attend the Planning Commission Meeting.
- (3) County to continue pursue funding sources for construction phase.

**Issues:**

\*The project is on hold. Schedule will be updated once County of San Mateo has staff available to prepare and attend the Planning Commission Meeting. The Planning Commission Meeting date is to be determined. Hazardous materials field work is postponed and shall begin when the project resume.

**Funding:**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$1,500,000	100%	\$783,078	52%	\$1,500,000	100%
<b>Others</b>						
<b>Federal</b>	\$0	0%	\$0	0%	\$0	0%
<b>State</b>	\$0	0%	\$0	0%	\$0	0%
<b>City</b>	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$1,500,000</b>	<b>100%</b>	<b>\$783,078</b>	<b>52%</b>	<b>\$1,500,000</b>	<b>100%</b>

**Issues:**

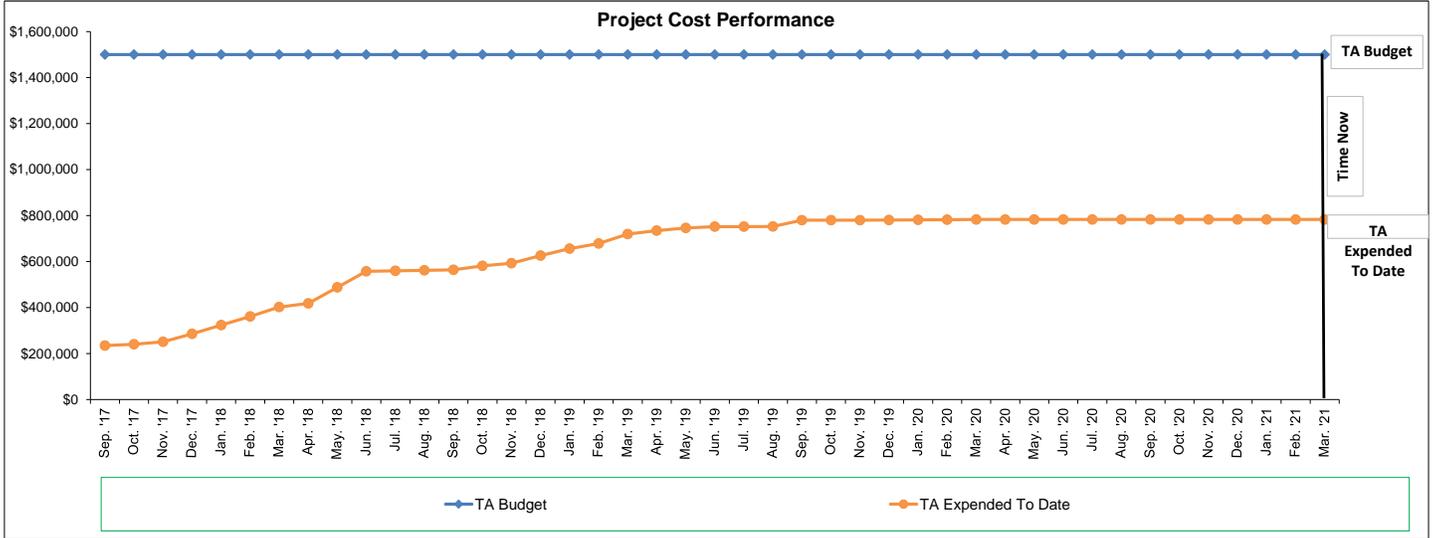
None

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$1,500,000	\$783,078	\$716,922	\$1,500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$1,500,000</b>	<b>\$783,078</b>	<b>\$716,922</b>	<b>\$1,500,000</b>	<b>\$0</b>

Note: Budget is for PPS, PEER and construction phases. Any cost saving from PEER phase will be made available for subsequent construction phase.



\* Cost incurred from the beginning of current PEER phase.

**Issues:** None

# 000795 - U.S. 101/ HOLLY STREET INTERCHANGE PROJECT

**TA Role:** Funding Agency

**Sponsor:** City of San Carlos (Also Implementing Agency)

**Scope:** This project will convert the existing interchange to a partial cloverleaf interchange, realign on- and off-ramps, add signalized intersections, and add new and widened sidewalks with the addition of bike lanes.



**Project Status Summary:** The 100% PS&E package was approved by Caltrans in June 2018. City of San Carlos combined and advertised the interchange project with the pedestrian overcrossing as a single construction project with a one-year construction delay clause and which includes some scope of work shifted from the U.S. 101 Express Lanes Project. In November 2019, TA Board programmed and allocated an additional \$2.6 million to accommodate these changes to the Project. 8 bids were received with the lowest bid 30% above the City of San Carlos engineer's estimate. With the high bids, the Project deficit is about \$6.5 million with the additional \$2.6 million from TA. The City did not have enough funding to award the contract before December 2019 and therefore did not fulfill the requirement for the \$4.2 million Active Transportation Program (ATP) funding that was allocated for the Pedestrian Overcrossing (POC) element of the Project. The City stopped all engineering work in March.

**Issues:** None

**Schedule:**

Major Milestones:	Original Baseline		Current Baseline (09/15)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PA&ED	05/01/13	12/31/14	05/01/13	05/22/15	05/01/13	06/19/15
PS&E	07/30/15	10/30/16	07/30/15	12/30/16	07/30/15	09/30/18*
Right-of-way	07/30/15	12/30/16	07/30/15	12/30/16	07/30/15	09/30/18*
Construction	12/01/20	06/30/22	01/01/21	07/31/22	01/01/21	7/31/22*

**Progress This Quarter:** (1) City was not awarded ATP grants. (2) City stopped all engineering work.

**Future Activities:** (1) City has opted to suspend work until a clear funding plan can be developed.

**Issues:** \*The City stopped all engineering work in March. The project was not recommended for Local Partnership Program (LPP) and ATP grants. The work that was proposed to be shifted to the project will remain and be completed as part of the Express Lanes Project.

**Funding :**

	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$3,000,000	80%	\$2,858,776	95%	\$3,000,000	80%
<b>Others</b>						
<b>Federal</b>		0%		0%		0%
<b>State</b>		0%		0%		0%
<b>City</b>	\$763,063	20%	\$710,117	93%	\$763,063	20%
<b>Total</b>	<b>\$3,763,063</b>	<b>100%</b>	<b>\$3,568,892</b>	<b>95%</b>	<b>\$3,763,063</b>	<b>100%</b>

**Issues:** The current funding table does not include funding for construction phase. A total of \$14.59 M of Measure A funds were allocated for construction and right-of-way phases which included \$10.72 M funding allocation through the 2015 Highway Call-For-Project, and \$3.87 M allocation through a special circumstance request by the City of San Carlos. Allocation of Measure A funds for construction was conditioned upon the completion of design. City of San Carlos also committed \$4.53 M of matching funds for construction, construction support and right-of-way. Measure A funds will not contribute to the decorative lighting components of the project.

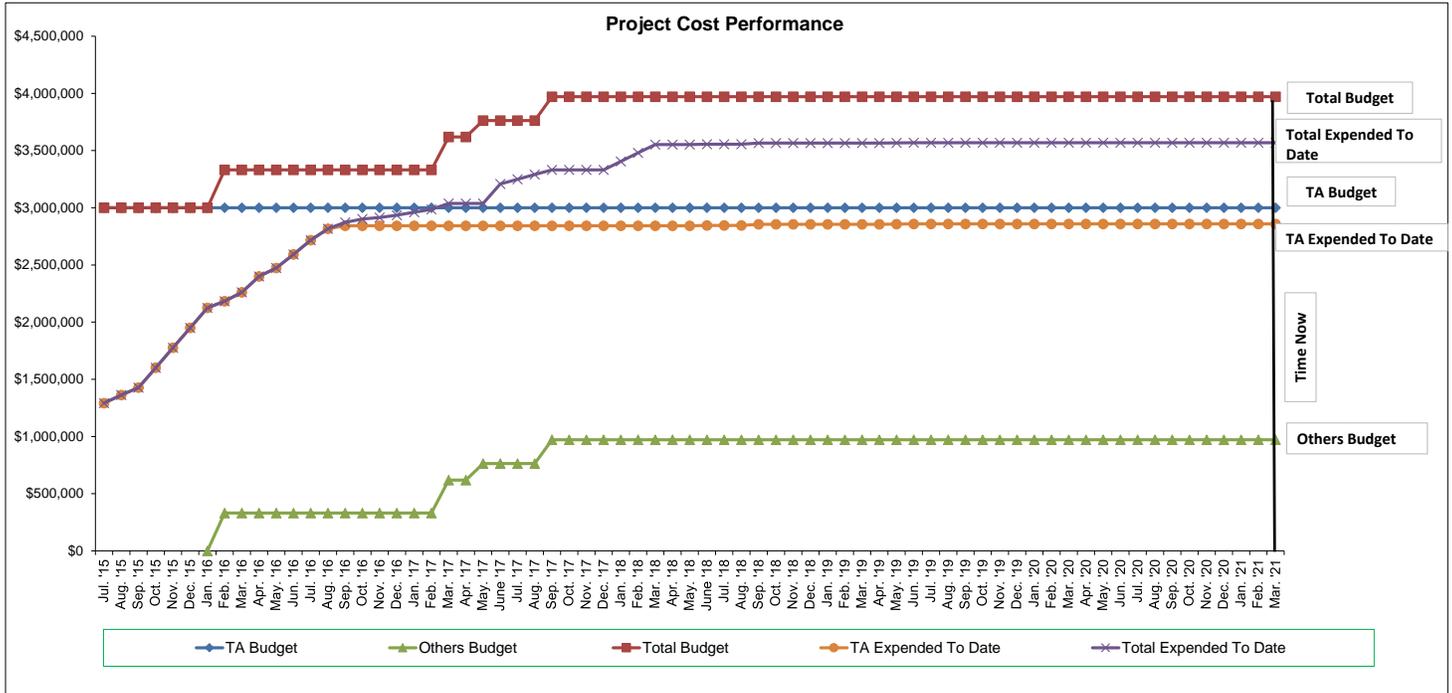
**Budget:**



(2a)

Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$3,000,000	\$2,858,776	\$141,224	\$3,000,000	\$0
Others	\$763,063	\$710,117	\$52,946	\$763,063	\$0
<b>Total Project</b>	<b>\$3,763,063</b>	<b>\$3,568,892</b>	<b>\$194,171</b>	<b>\$3,763,063</b>	<b>\$0</b>

Note: Budget is for PA&ED and PS&E phases only. Budget does not include the \$100,000 fund provided by TA's Pedestrian and Bicycle Program for the Pedestrian Overcrossing Study and the \$1,000,000 fund provided for the construction of the Pedestrian Overcrossing.



\* Cost inception from the beginning of current phase.

**Issues:**

In September 2017, City allocated additional \$208,233 to cover the increased costs and scope associated with utility relocation, retaining wall design, and decorative arches and lighting features. In December 2017, TA Board allocated an additional \$3.87 M for the construction phase, which includes \$2.38 M of additional construction funds and \$1.49 M of supplemental contingency funds. In November 2019, TA Board programmed and allocated an additional \$2.6 M to accommodate one-year construction delay and scope shifting from the Express Lanes Project to the Holly Project. Since work will remain with Express Lanes Project, TA to seek Board authorization to reallocate the associated fund back to Express Lanes Project.

# 000801 - U.S. 101/ PENINSULA AVE INTERCHANGE PROJECT

**TA Role:** Funding Agency and Technical Support

**Sponsor:** City of San Mateo

**Scope:** The project will modify the existing US 101/Peninsula Avenue interchange to relieve traffic congestion and improve safety. The current project scope includes Project Initiation Document (PID), and Project Approval and Environmental Document (PA&ED) phases.



**Project Status Summary:** The PA&ED phase commenced on June 1, 2016. The kick-off meeting was held on June 20, 2016. TA entered a Cooperative Agreement with Caltrans in January 2017 for Caltrans to perform Independent Quality Assurance and review and approval of environmental documents. At the requests of the Cities of Burlingame and San Mateo (Cities), additional traffic operational analysis was conducted to address community concerns. After coordination with the Cities, it is the desire of City of San Mateo (City) as the project sponsor to move forward into the PA&ED process to better understand the project impacts and operational and safety improvements that would be realized if implemented. City hosted several community meetings to provide updates to the community and City Councils. A Project Scoping Meeting is scheduled in April to begin formal comment period process.

**Issues:** None

**Schedule:**

Major Milestones:	Original Baseline		Current Baseline (12/20)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PA&ED	06/01/16	07/31/22	06/01/16	07/31/22	06/01/16	07/31/22



**Progress This Quarter:**

- (1) Conducted kick-off and Project Development Team meetings with Caltrans and City.
- (2) City hosted a property owners meeting and community meeting in January.
- (3) TA to finalize MOU with City.
- (4) City and TA met with Caltrans to provide update and prepare for meetings.
- (5) Began preparation and coordination for Project Scoping Meeting.
- (6) Began a few environmental and technical studies.
- (7) Began to address local traffic comments from Cities and Caltrans.
- (8) Finalized Purpose and Need and Fact Sheet.

**Future Activities:**

- (1) Provide updates to Burlingame and San Mateo City Councils.
- (2) Advertise and conduct Project Scoping Meeting.
- (3) Document and respond to formal scoping comments.
- (4) Continue environmental and technical studies.
- (5) Develop Quality Management Plan for Caltrans.

**Issues:** None

**Funding :**

	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$3,500,000	100%	\$2,083,634	60%	\$3,500,000	100%
<b>Others</b>						
<b>Federal</b>	\$0	0%	\$0	0%	\$0	0%
<b>State</b>	\$0	0%	\$0	0%	\$0	0%
<b>City</b>	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$3,500,000</b>	<b>100%</b>	<b>\$2,083,634</b>	<b>60%</b>	<b>\$3,500,000</b>	<b>100%</b>



**Issues:** Additional funding will be needed to complete the PA&ED phase as a result of the additional traffic studies and public outreach. Based on initial analysis, there is enough funding for TA staff to issue a Limited Notice to Proceed to consultant to continue work until November 2021. The City agreed to provide \$600,000 to continue consultant work while working to finalize the additional cost and resources needed. Funding will be updated after agreement is executed.

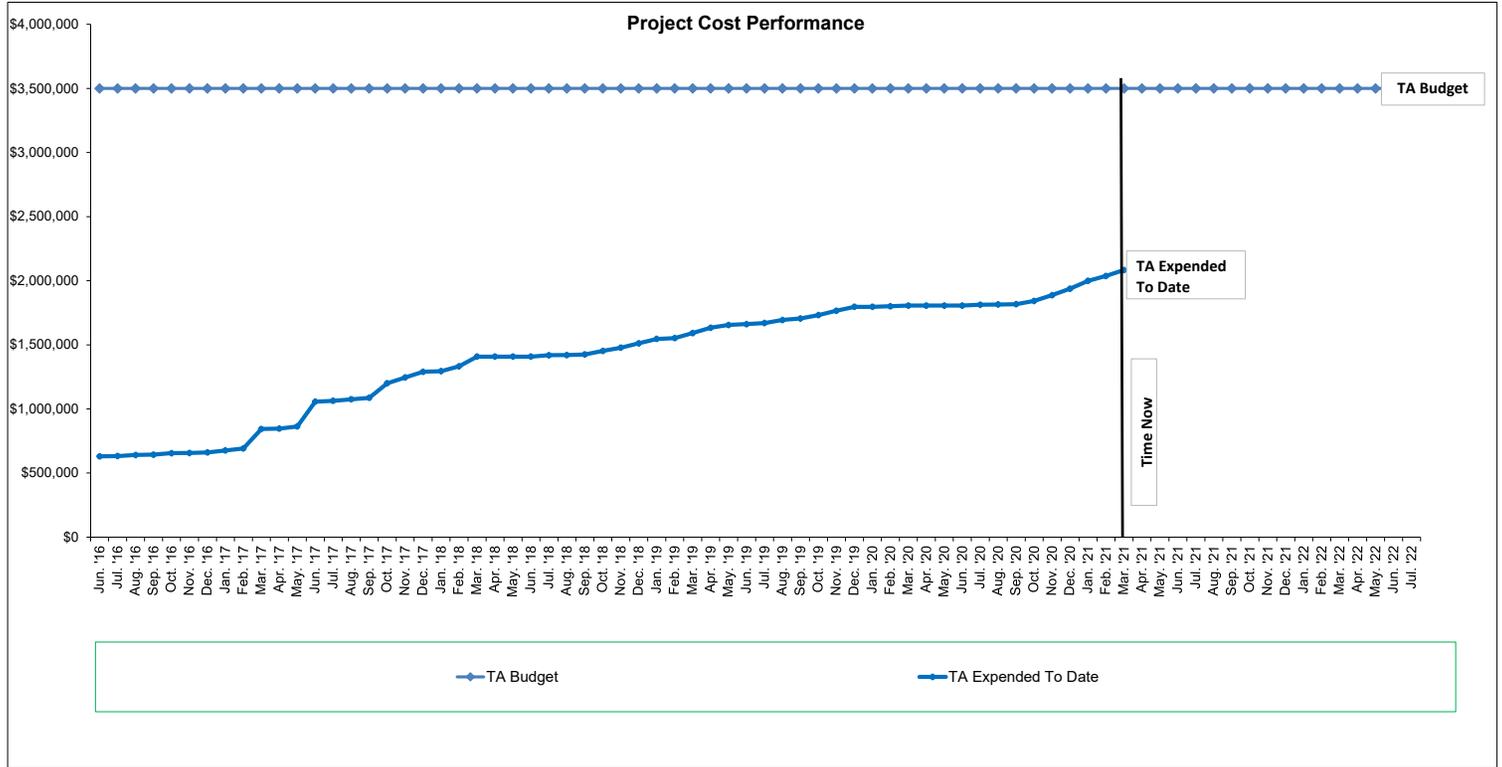
**Budget:**



(4b)

Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$3,500,000	\$2,083,634	\$1,416,366	\$3,500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$3,500,000</b>	<b>\$2,083,634</b>	<b>\$1,416,366</b>	<b>\$3,500,000</b>	<b>\$0</b>

Note: Budget is for PID & PA&ED phases. Budget table will be updated after agreement is executed.



\* Cost inception from the beginning of current PA&ED phase.

**Issues:** Additional funding will be needed to complete the PA&ED phase as a result of the additional traffic studies and public outreach.

# 000803 - U.S. 101 / PRODUCE AVENUE PROJECT

**TA Role:** Funding Agency

**Sponsor:** City of South San Francisco (Also Implementing Agency)

**Scope:**



Project scope is to study alternatives for a new interchange and street that connect from Utah Street on the east side of US 101 to San Mateo Avenue on the west side of US 101. The project will study alternatives to enhance safety, improve traffic operations, provide a new local east-west connection across US 101, and improve bicycle and pedestrian facilities.

**Project Status**

**Summary:**

The Project Study Report – Project Development Support (PSR – PDS) was approved on August 31, 2015. During the Project Approval and Environmental Document (PA&ED) phase of the project, in addition to the PSR-PDS design alternatives, two additional alternatives have been evaluated and discussed with Caltrans. All Traffic and Environmental studies are ongoing. The public outreach activities begun in October 2018. The properties impacted by the design alternatives have been identified.

**Issues:**

None

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (12/19)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PSR-PDS	04/01/14	11/01/14	07/01/14	07/01/15	07/31/14	08/31/15
PA&ED	05/15/17	09/15/19	07/20/17	12/31/21	07/20/17	12/31/21

**Progress**

**This Quarter:**

- (1) Submitted draft GeD to Caltrans
- (2) Submitted updated cost estimates to Caltrans
- (3) Submitted draft Storm Water Data Report to Caltrans
- (4) Addressed comments on the draft Advanced Planning Study

**Future**

**Activities:**

- (1) Submit Environmental Reports.
- (2) Update and submit project schedule to Caltrans
- (3) Update Draft Environmental Study Reports
- (4) Submit updated engineering reports to Caltrans

**Issues:**

None

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$3,550,000	92%	\$2,188,240	62%	\$3,550,000	92%
<b>Others</b>						
<b>Federal</b>		0%		0%		0%
<b>State</b>		0%		0%		0%
<b>City</b>	\$300,000	8%	\$106,662	36%	\$300,000	8%
<b>Total</b>	<b>\$3,850,000</b>	<b>100%</b>	<b>\$2,294,902</b>	<b>60%</b>	<b>\$3,850,000</b>	<b>100%</b>

Note: Budget is for PSR-PDS and PA&ED phases.

**Issues:**

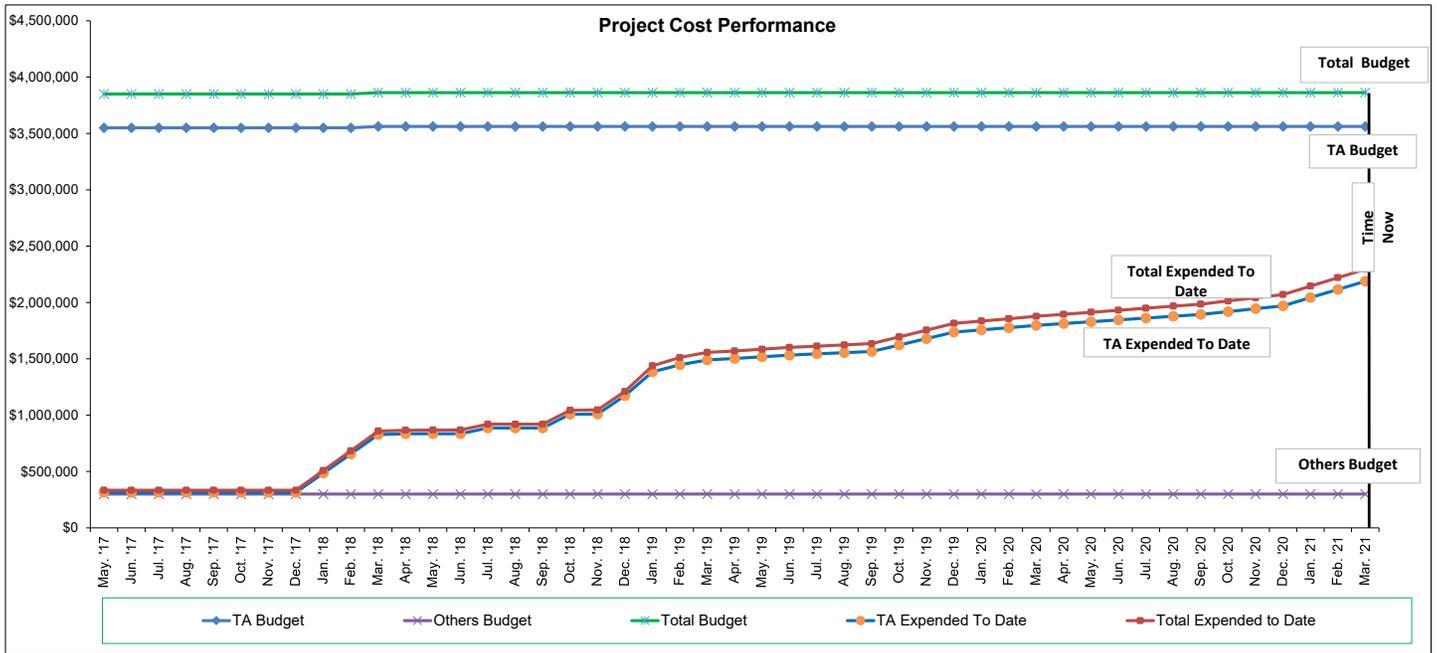
None

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$3,550,000	\$2,188,240	\$1,361,760	\$3,550,000	\$0
Others	\$300,000	\$106,662	\$193,338	\$300,000	\$0
<b>Total Project</b>	<b>\$3,850,000</b>	<b>\$2,294,902</b>	<b>\$1,555,098</b>	<b>\$3,850,000</b>	<b>\$0</b>

Note: Budget is for PSR-PDS and PA&ED phases.



\* Cost inception from the beginning of current PA&ED phase.

**Issues:** None

# 000805 - HIGHWAY 92 / SR 82 (EL CAMINO REAL) INTERCHANGE PROJECT

TA Role: Funding Agency

Sponsor: City of San Mateo

**Scope:** This project converted the existing interchange to a partial cloverleaf interchange, realigned and widened on-ramps and off-ramps, and added signalized intersections at ramp termini. The project also included widening sidewalks and added bike lanes on State Route 82.



**Project Status Summary:** Caltrans completed the 100% PS&E. Caltrans HQ approved the package for Ready-To-List. Right-of-Way Certification was received on May 9, 2016. On June 28, 2016, TA entered into a Cooperative Agreement with Caltrans and City of San Mateo for Construction phase of the project. Bids opened on December 6, 2016. Construction contract was awarded in January 2017. Notice-to-Proceed was issued on April 17, 2017 and the project kick-off meeting was held on April 24, 2017. Caltrans accepted the construction contract work on August 2, 2018. The project is in highway landscaping final design.

**Issues:** None

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (1/30/21)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PS&E	07/01/14	07/01/15	07/01/14	01/30/16	07/01/14	05/16/16
Construction	04/17/17	12/05/17	04/17/17	08/31/18	04/17/17	08/31/18
Highway Planting Design	09/01/19	07/30/20	09/01/19	06/30/21	09/01/19	06/30/21

**Progress This Quarter:**

- (1) City presented conceptual design to City Council.
- (2) Received 90% PS&E
- (3) Requested Project Maintenance Agreement from Caltrans
- (4) Coordinating with the TA for funding landscape construction

**Future Activities:**

- (1) Revalidate environmental clearance for landscape work
- (2) Complete 100% PS&E
- (3) Execute Maintenance Agreement
- (4) Repurpose funding for the landscape construction from the TA

**Issues:** None

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$18,400,000	69%	\$17,162,220	93%	\$18,400,000	69%
<b>Others</b>						
<b>Federal</b>	\$1,980,000	7%	\$1,980,000	100%	\$1,980,000	7%
<b>State</b>	\$5,050,000	19%	\$4,999,198	99%	\$5,050,000	19%
<b>City</b>	\$1,181,535	4%	\$1,186,901	100%	\$1,181,535	4%
<b>Total</b>	<b>\$26,611,535</b>	<b>100%</b>	<b>\$25,328,319</b>	<b>95%</b>	<b>\$26,611,535</b>	<b>100%</b>

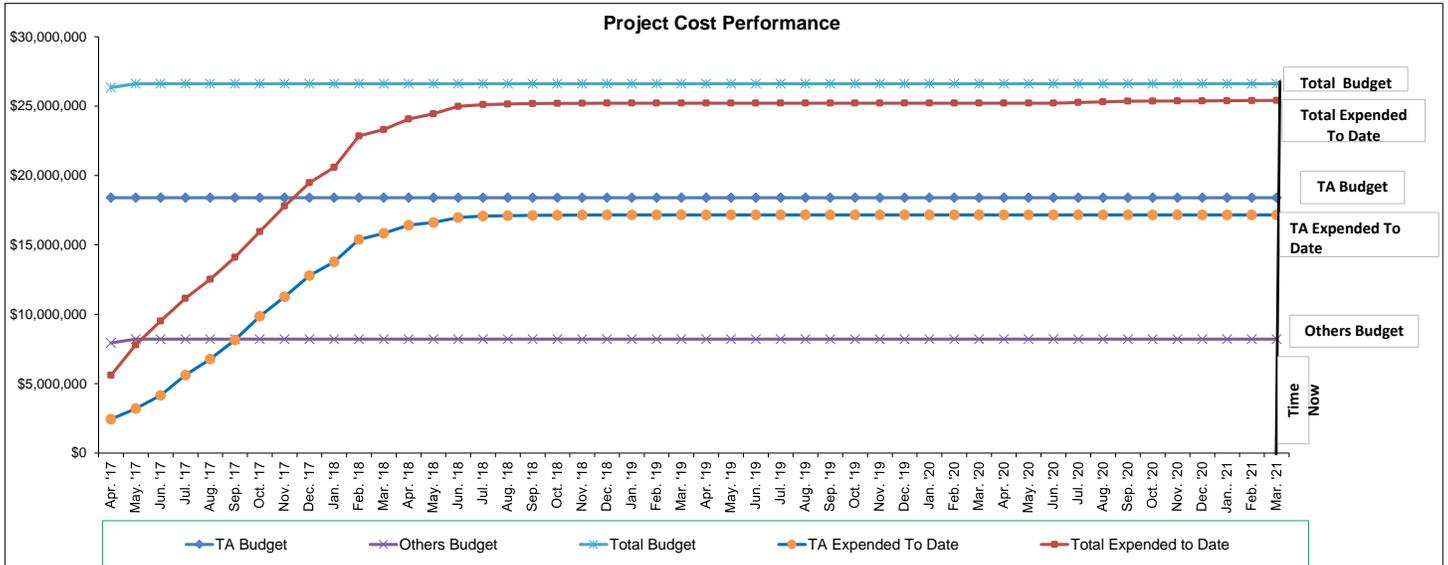
**Issues:** Construction cost saving may be made available to fund standard landscaping construction after the completion of the landscaping design. TA can not closeout construction phase with City and Caltrans until the previous phase, environmental, is closed.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$18,400,000	\$17,162,220	\$1,237,780	\$18,400,000	\$0
Others	\$8,211,535	\$8,166,099	\$45,436	\$8,211,535	\$0
<b>Total Project</b>	<b>\$26,611,535</b>	<b>\$25,328,319</b>	<b>\$1,283,216</b>	<b>\$26,611,535</b>	<b>\$0</b>

Note: Budget is for PA&E, PS&E, right-of-way and construction phases. Construction cost saving may be made available to fund standard landscaping construction.



\* Cost inception from the beginning of construction phase.

**Issues:** None

# 000822 - ROUTE 1 SAFETY AND OPERATIONAL IMPROVEMENTS PROJECT WAVECREST ROAD TO POPLAR STREET

TA Role: Funding Agency

Sponsor: City of Half Moon Bay (Implementing Agency)

**Scope:**  This project will provide safety enhancement and operational improvements on State Route (SR) 1 from Wavecrest Road to Poplar Street. The project will extend the two southbound traveled lanes to the intersection of SR 1 and Wavecrest Road and lengthen the existing southbound left-turn lane at Main Street. The project will also signalize the intersection and Main Street and Higgins Canyon Road and modify the median islands. In addition, the project will provide a multi-use path along Higgins Canyon Road.

**Project Status Summary:** The City completed the design and advertised the project for construction. City awarded the construction contract to Redgwick Construction company. The contractor was given Notice to Proceed on September 23, 2020. The construction completion is expected by the end of 2021.

**Issues:** NONE

**Schedule:** 

Major Milestones:	Original Baseline		Current Baseline (12/19)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
Final Design	01/01/19	03/31/19	01/01/19	03/31/19	01/01/19	06/30/19
Construction	07/01/20	09/30/21	07/01/20	09/30/21	09/15/20	12/31/21

**Progress This Quarter:**

- (1) Completed all concrete work for signal structures
- (2) Completed phase 1 of the construction and began phase 2
- (3) Started work in the median by shifting the traffic

**Future Activities:**

- (1) Complete work in the median area
- (2) Install signal heads and controller
- (3) Complete paving work

**Issues:** None.

**Funding:** 

	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$3,940,000	78%	\$1,389,823	35%	\$3,940,000	78%
<b>Others</b>						
<b>Federal</b>	\$0	0%	\$0	0%	\$0	0%
<b>State</b>	\$0	0%	\$0	0%	\$0	0%
<b>City</b>	\$1,095,000	22%	\$828,000	76%	\$1,095,000	22%
<b>Total</b>	<b>\$5,035,000</b>	<b>100%</b>	<b>\$2,217,823</b>	<b>44%</b>	<b>\$5,035,000</b>	<b>100%</b>

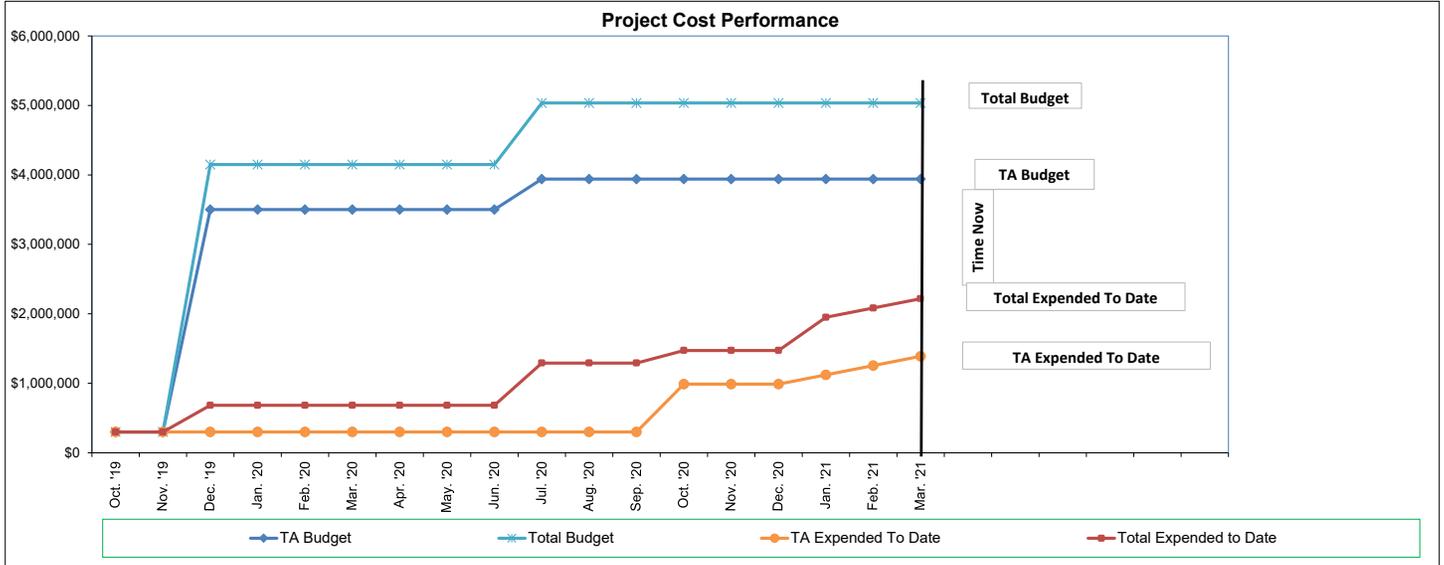
Note: Funding is \$300,000 for design and \$3,640,000 for construction

**Issues:** None

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$3,940,000	\$1,389,823	\$2,550,177	\$3,940,000	\$0
Others	\$1,095,000	\$828,000	\$267,000	\$1,095,000	\$0
<b>Total Project</b>	<b>\$5,035,000</b>	<b>\$2,217,823</b>	<b>\$2,817,177</b>	<b>\$5,035,000</b>	<b>\$0</b>



**Issues:** Covid-19 issues such as impact to material supply and personnel health and safety could impact the schedule and cost of the project construction.

# 000823 - ROUTE 1 SAFETY AND OPERATIONAL IMPROVEMENTS PROJECT MAIN STREET TO KEHOE AVENUE

TA Role: Funding Agency

Sponsor: City of Half Moon Bay

**Scope:**



This project will provide safety enhancement and operational improvements on State Route (SR) 1 from Main Street to Kehoe Avenue. The project will widen SR 1 to add left- and right-turn lanes at intersections, install a new traffic signal at Terrace Avenue, extend the existing Frontage Road further south, and consolidate the SR 1 intersections at Grand Boulevard and Frontage Road into a single intersection at Terrace Avenue. The existing Frontage Road will be extended south to connect with Grand Boulevard. SR 1 access to and from Grand Boulevard and Frontage Road will be replaced by a four-legged intersection at SR 1/Terrace Avenue. The SR 1/Terrace Avenue intersection will be signalized, and crosswalks will be installed. The extension of the Frontage Road requires a retaining wall west of SR 1. Several segments of the existing Naomi Patridge Trail on the west side of SR 1 will be realigned and reconstructed.

**Project Status**

Submitted one-hundred percent design Plans, Specifications & Estimates to Caltrans. Completed Utility investigations. Started work with PG&E to relocate seven utility poles and a gas pipeline.

**Summary:**

**Issues:**

Project has been delayed due to Covid-19 lock-down. Preliminary construction estimate indicate that approximately \$4.5 million funding shortage for the construction phase. City has submitted three grant applications.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (04/19)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
65% Design	08/01/19	02/08/19	12/01/19	04/30/20	12/01/19	06/15/20
Final Design	11/01/19	05/30/20	05/01/20	12/31/21	06/15/20	12/31/21

**Progress This Quarter:**

(1) Submitted revised plans for Frontage Road/Terrece Avenue intersection for Caltrans' review

**Future Activities:**

- (1) Coordinate with Caltrans and obtain the encroachment permit
- (2) Execute agreement with PG&E for utility relocations
- (3) Complete construction cost estimate

**Issues:**

Due to Covid-19 issues, the schedule has been delayed by about three months.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$300,000	35%	\$300,000	100%	\$300,000	31%
<b>Others</b>						
<b>Federal</b>	\$0	0%	\$0	0%	\$0	0%
<b>State</b>	\$0	0%	\$0	0%	\$0	0%
<b>City</b>	\$556,185	65%	\$600,000	91%	\$656,185	69%
<b>Total</b>	<b>\$856,185</b>	<b>100%</b>	<b>\$900,000</b>	<b>94%</b>	<b>\$956,185</b>	<b>100%</b>

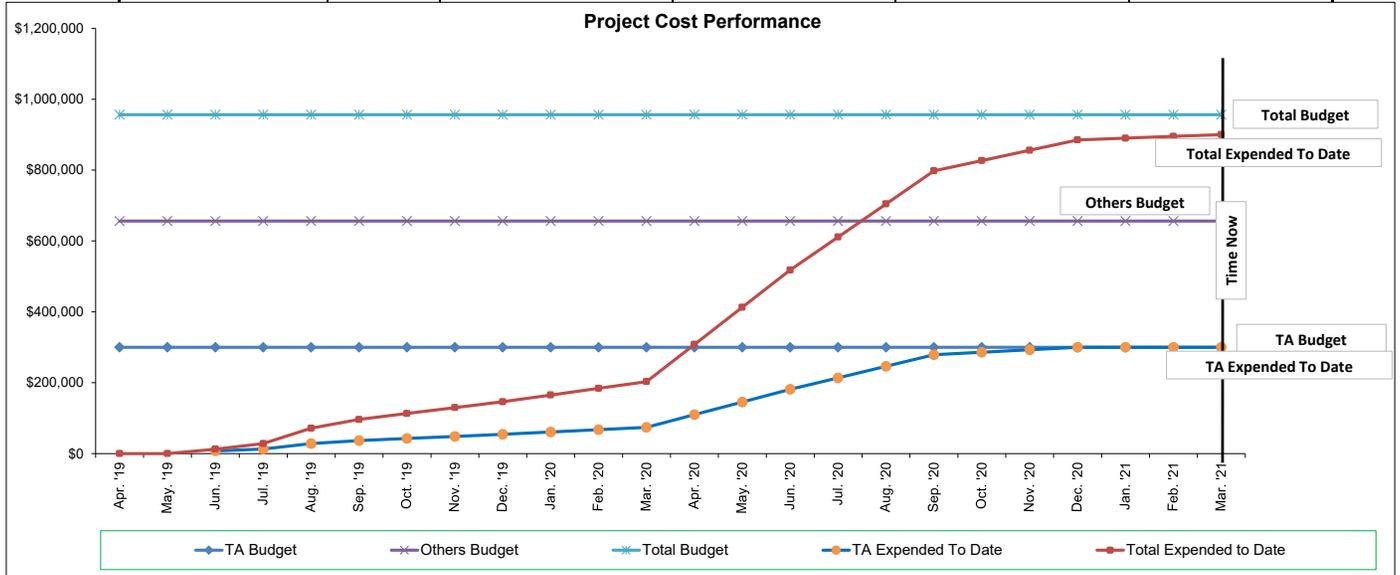
**Issues:**

Approximately additional \$4.5 Million will be required during construction phase.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$300,000	\$300,000	\$0	\$300,000	\$0
Others	\$656,185	\$600,000	\$56,185	\$656,185	\$0
<b>Total Project</b>	<b>\$956,185</b>	<b>\$900,000</b>	<b>\$56,185</b>	<b>\$956,185</b>	<b>\$0</b>



**Issues:** None

# 100302 - U.S. 101 MANAGED LANES NORTH PROJECT

**TA Role:** Funding Agency / Co-Implementer/ Co-Sponsor

**Sponsor:** C/CAG and TA (In Coordination With SFCTA)

**Scope:** This project will provide Managed Lanes on US 101 and I 280 from the terminus of US 101 Managed Lanes project in San Mateo County near the I-380 interchange to the San Mateo/San Francisco County Line. This project will complete managed lanes gap along US 101 in San Mateo County. The Project Approval/Environmental Document phase of the project will study the project alternatives and obtain approval of the environmental document.



**Project Status Summary:** A Notice-to-proceed was issued for PID scope of work in March 2018. The Project Study Report- Project Development Support (PSR-PDS) was approved by Caltrans on October 18, 2019. Caltrans, SFCTA, TA and C/CAG have formally agreed that the TA and C/CAG will be the sponsoring, funding and implementing agencies for the Project Approval & Environmental Document (PA&ED) phase of the corridor within San Mateo County (from I-380 to the San Mateo- San Francisco County line) and SFCTA will be the sponsoring, funding and implementing agency for the environmental phase north of the County line. A Work Directive has been provided to the consultants to perform the PA/ED phase. Various tasks such as topographic surveying, traffic engineering analysis, environmental studies, and geometrical approval drawings are being prepared.

**Issues:** None

**Schedule:**

Major Milestones:	Original Baseline		Current Baseline (08/19)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PID (PSR-PDS)	08/01/18	08/31/19	08/01/18	12/31/19	08/01/18	10/18/19
PA/ED	12/16/19	01/31/22	11/02/20	12/31/22	11/02/20	12/31/22



**Progress This Quarter:**

- (1) Obtained Caltrans' approval of the Quality Management Plan
- (2) Completed the Synchro network development for existing conditions analysis
- (3) Obtained Caltrans' approval of Letter A of the topographic survey task
- (4) Prepared the toll sign drawings for Caltrans' review
- (5) Prepared draft Purpose and Need document and Logical Terminii document for Caltrans' review
- (6) Prepared the draft Public Outreach plan
- (7) Various environmental studies such as Natural Environmental Study, Cultural Resources Study, Biological Field Review are ongoing

**Future Activities:**

- (1) Prepare critical habitat mapping areas that are environmentally sensitive
- (2) Prepare Area of Potential Effect maps
- (3) Prepare draft outreach material required for the environmental scoping meeting
- (4) Complete the initial drafts of bridge Advanced Planning Study drawings
- (5) Refine Geometrical Approval Drawing
- (6) Prepare for Environmental scoping meeting

**Issues:** None

**Funding :**

	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$9,000,000	92%	\$1,646,971	18%	\$9,000,000	94%
<b>Others</b>						
<b>Federal</b>	\$0	0%	\$0	0%	\$0	0%
<b>State</b>	\$0	0%	\$0	0%	\$0	0%
<b>SFCTA &amp; CMA</b>	\$750,000	8%	\$560,705	100%	\$560,705	6%
<b>Total</b>	<b>\$9,750,000</b>	<b>100%</b>	<b>\$2,207,676</b>	<b>23%</b>	<b>\$9,560,705</b>	<b>100%</b>

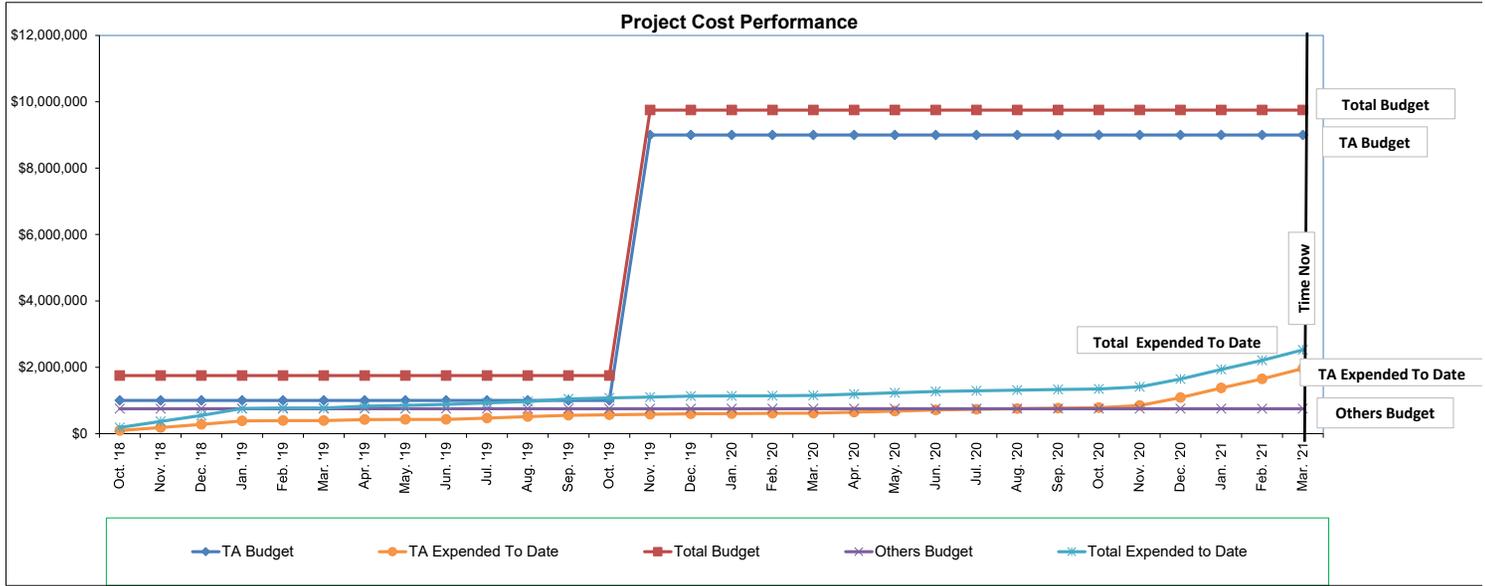


**Issues:** None



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$9,000,000	\$1,646,971	\$7,353,029	\$9,000,000	\$0
Others	\$750,000	\$560,705	\$0	\$560,705	\$189,295
<b>Total Project</b>	<b>\$9,750,000</b>	<b>\$2,207,676</b>	<b>\$7,353,029</b>	<b>\$9,560,705</b>	<b>\$189,295</b>

Note: Budget is for PID and PA/ED phase only.



Issues: None

# 100318 - U.S. 101 / SR 92 INTERCHANGE AREA IMPROVEMENTS PROJECT

**TA Role:** Cosponsors with C/CAG

**Cosponsors:** TA and C/CAG

**Scope:**  The project will identify the short-term improvements to improve traffic safety and increase mobility at the vicinity of the US 101/ SR 92 interchange. The improvements include constructing an additional lane to westbound SR 92 to southbound US 101 connector ramp, modifying lane merge from US 101 connector ramps to eastbound SR 92, modifying southbound US 101 Fashion Island Boulevard exit ramp, and modifying the widening of US 101 Hillsdale Boulevard exit ramp.

**Project Status Summary:** The Project Study Report - Project Development Support (PSR-PDS) was approved by Caltrans on October 29, 2019. Caltrans (CT) is the implementing agency for the Project Approval-Environmental Document (PAED) phase. A Project Information Meeting is scheduled in May to provide an update to the communities.

**Issues:** None

**Schedule:** 

Major Milestones:	Original Baseline		Current Baseline (04/20)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PAED	04/01/20	09/06/21	04/01/20	09/06/21	04/01/20	09/06/21

**Progress This Quarter:**

- (1) CT continued conducting reoccurring Project Development Team (PDT) meetings.
- (2) CT continued to develop technical studies.
- (3) CT continued to develop geotechnical report.
- (4) CT continued preliminary design.
- (5) CT began biological assessments and permit requirement needs.
- (6) CT began Right of Way Data Sheet, Fact Sheet, and Advance Planning Study.

**Future Activities:**

- (1) CT begin cost estimate preparation and draft project report.
- (2) CT, Cities of Foster City and San Mateo, TA and C/CAG to prepare for the Project Information Meeting.
- (3) CT to prepare a cost estimates for design phase for TA and C/CAG.

**Issues:** None

**Funding:** 

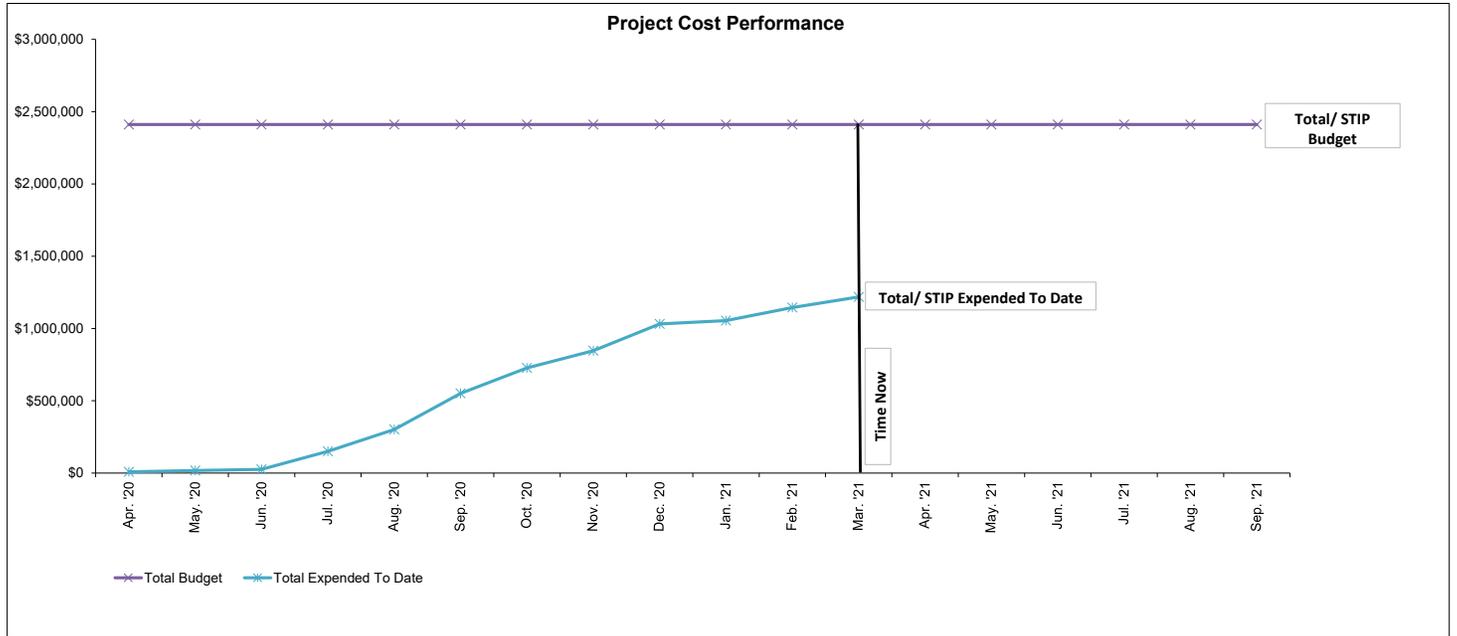
	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$0	0%	\$0	0%	\$0	0%
<b>Others</b>						
<b>Federal</b>	\$0	0%	\$0	0%	\$0	0%
<b>State</b>	\$2,411,000	100%	\$1,218,416	51%	\$2,411,000	100%
<b>Cities</b>	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$2,411,000</b>	<b>100%</b>	<b>\$1,218,416</b>	<b>51%</b>	<b>\$2,411,000</b>	<b>100%</b>

**Issues:** None

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$0	\$0	\$0	\$0	\$0
STIP	\$2,411,000	\$1,218,416	\$1,192,584	\$2,411,000	\$0
<b>Total Project</b>	<b>\$2,411,000</b>	<b>\$1,218,416</b>	<b>\$1,192,584</b>	<b>\$2,411,000</b>	<b>\$0</b>



**Issues:** None

# 100319 - U.S. 101 / SR 92 DIRECT CONNECTOR PROJECT

**TA Role:** Implementing and Funding Agency

**Sponsor:** City of Foster City, City of San Mateo

**Scope:**  The project will identify the long-term improvements to address traffic congestion and increase mobility at the US 101/ SR 92 interchange. Project will study a high-occupancy vehicle (HOV) direct connectors from westbound SR 92 to northbound and southbound US 101, a branch connector from the existing southbound US 101 to eastbound SR 92 connector, and widening of eastbound SR 92 Bridge over Seal Slough.

**Project Status Summary:** Caltrans approved the Project Study Report-Project Development Support (PSR-PDS) document in November 2020. The approved PSR-PDS serves as the Project Initiation Document (PID) and enabled the project to be advanced to the Project Approval/Environmental Document (PA/ED) phase. Board approved the transfer of the remaining funds from the PSR-PDS phase to the PA/ED phase for critical path technical studies. Traffic engineering studies and topographic survey work are underway.

**Issues:** None

**Schedule:** 

Major Milestones:	Original Baseline		Current Baseline (9/20)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
Technical Studies	01/01/21	12/31/21	01/01/21	12/31/21	01/01/21	12/31/21

**Progress This Quarter:**

- (1) Initiated advanced technical studies
- (2) Completed Aerial Mapping
- (3) Executed cooperative agreement
- (4) Submitted Letter A of the topographic survey
- (5) Submitted Traffic methodology memorandum to Caltrans for review and approval

**Future Activities:**

- (1) Complete the topographic ABC process
- (2) Complete traffic data validation and obtain approval from Caltrans

**Issues:** Full funding for the Environmental phase will not be available until after the Short Range Highway Plan is finalized and the next Highway Program call for projects.

**Funding:** 

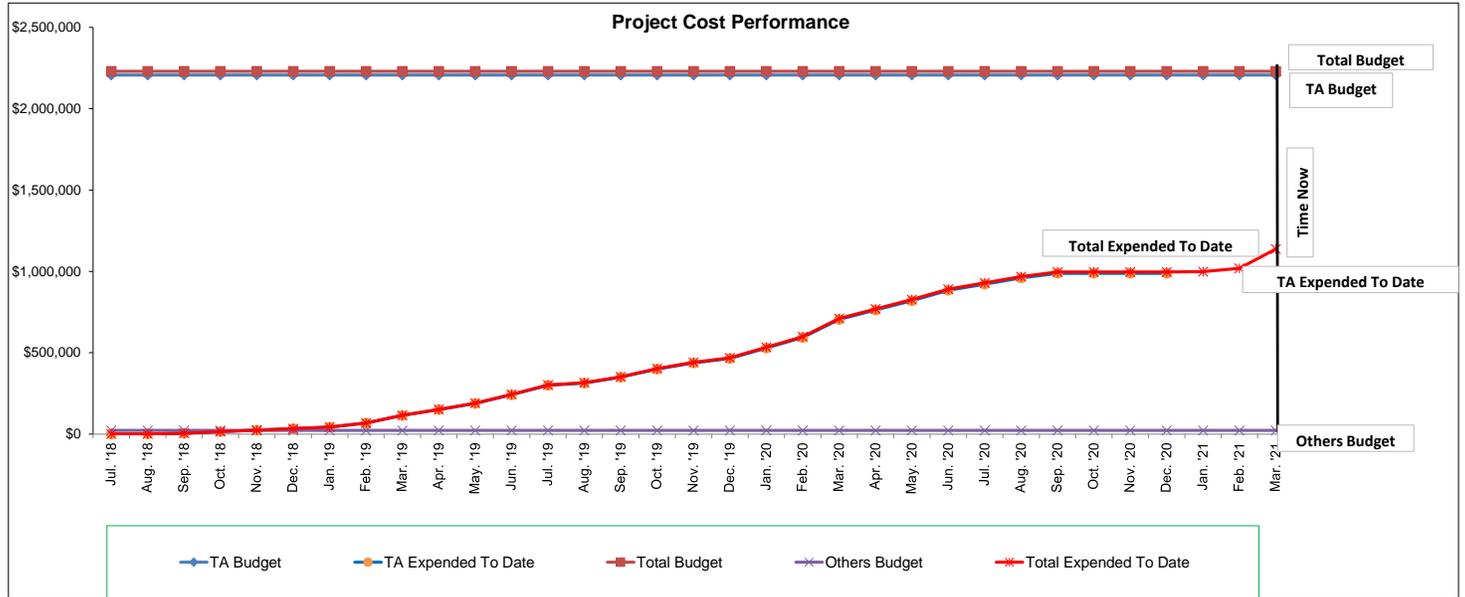
	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$2,207,000	99%	\$1,137,665	53%	\$2,140,691	99%
<b>Others</b>						
<b>Federal</b>	\$0	0%	\$0	0%	\$0	0%
<b>State</b>	\$0	0%	\$0	0%	\$0	0%
<b>Cities</b>	\$23,000	1%	\$8,202	37%	\$22,309	1%
<b>Total</b>	<b>\$2,230,000</b>	<b>100%</b>	<b>\$1,145,867</b>	<b>53%</b>	<b>\$2,163,000</b>	<b>100%</b>

**Issues:** None

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$2,207,000	\$1,137,665	\$1,003,026	\$2,140,691.03	\$66,309
Others	\$23,000	\$8,202	\$14,107	\$22,309	\$691
<b>Total Project</b>	<b>\$2,230,000</b>	<b>\$1,145,867</b>	<b>\$1,017,133</b>	<b>\$2,163,000</b>	<b>\$67,000</b>



**Issues:** None

# Level 2 Projects Caltrain-Grade Separation

**25th AVENUE GRADE SEPARATION PROJECT**



**SCOPE:**



This project will raise the vertical alignment and provide grade separations between Hillsdale Boulevard and SR-92 in the City of San Mateo, including:

- Grade separating the 25th Avenue at-grade crossing.
- Construction of two new grade separated crossings at 28th and 31st Avenues.
- Perform relocation of the existing Hillsdale Caltrain station. The new station will be an elevated, center-board platform.

Scope includes final design/environmental (CEQA and NEPA) clearance work and construction to replace the existing 25th Avenue at-grade crossing with a two-track elevated grade separation. The elevated rail alignment will require the relocation of the existing Hillsdale Caltrain Station northward to a location between 28th and 31st Avenues and will allow for new street connections between El Camino Real and Delaware Street at 28th and 31st Avenues in San Mateo, California. Construction Contract was awarded in August 2017. Project is currently in construction phase. JPB is the lead implementing agency.

**Issues:**

No Issues related to Scope of Work.

**SCHEDULE:**



Activity ID	Activity Name	Start	Finish	Gantt Chart (2015-2021)																											
002088	25th Avenue Grade Separation	16-Jul-14 A	01-Nov-21	[Gantt bar spanning from mid-2014 to late 2021]																											
	Preliminary Engineering	16-Jul-14 A	31-Oct-15 A	[Gantt bar from mid-2014 to late 2015]																											
	Environmental Clearance	25-Sep-14 A	28-Oct-16 A	[Gantt bar from late 2014 to late 2016]																											
	Final Design	02-Nov-15 A	09-Dec-16 A	[Gantt bar from late 2015 to late 2016]																											
	Bid & Award	15-Nov-16 A	09-Aug-17 A	[Gantt bar from late 2016 to late 2017]																											
	Construction	10-Aug-17 A	10-Sep-21	[Gantt bar from late 2017 to late 2021]																											
	Project Close Out	11-Sep-21	01-Nov-21	[Gantt bar from late 2021 to late 2021]																											

**Progress:**

Jan - Mar 2021

- (1) Continued excavation for parking lot.
- (2) Coordinating with Clean Water CSM team for 30" sewer line work within JPB ROW.
- (3) Ongoing final grading and form work in south parking lot.
- (4) Completed final work on ramps and stairs.
- (5) Opened 28th Ave. for traffic.
- (6) Closed eastbound 25th Ave. and began demolition and excavation.
- (7) Continued work at Station House for amenities, platform fixtures and electrical and communications.
- (8) Continued work on mass excavation and underground at 31st Ave, Solider Piles for Retaining Wall 9 & 10.
- (9) Continued concrete work at North Parking Lot. Paved the majority of the North Parking Lot.
- (10) Continued coordination with PG&E for getting power to Hillsdale Station.

**Future**

**Activities:**

Apr - Jun 2021

- (1) Close Westbound 25th Ave.
- (2) Continue excavation on 25th Ave.
- (3) Start drainage work at 25th Ave.
- (4) Start work on Retaining Wall 4 and 5 at 25th Ave.
- (5) PG&E provide power to Hillsdale Station.
- (6) Continue work on Retaining Wall 9 & 10.
- (7) Install and connect systems at the new station.
- (8) Open Hillsdale Station on April 26, 2021.
- (9) Continue underground work at 31st Ave.
- (10) Grade slopes north of 25th Ave.

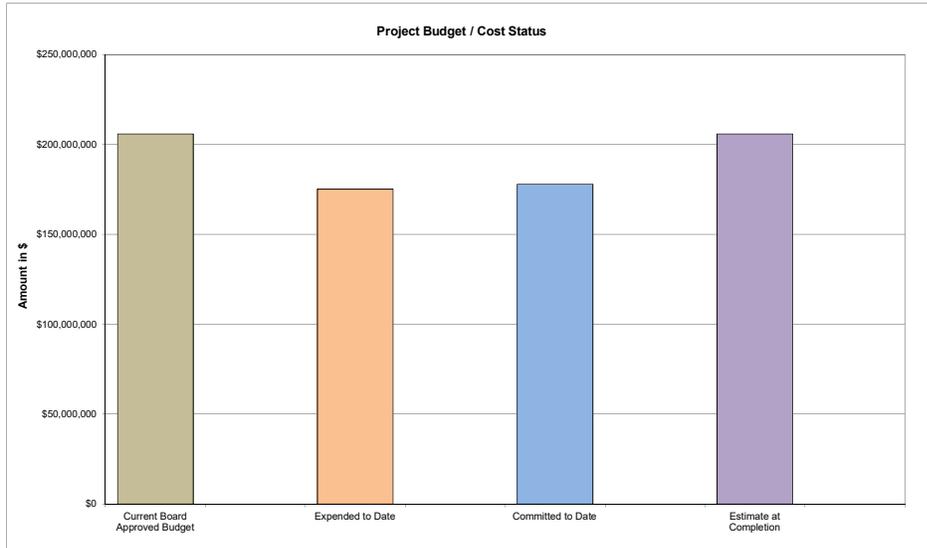
**Issues:**

- (1) Calwater Agreement for work on 28th and 25th Ave - needs to be executed (can cause potential schedule impacts to project).
- (2) Coordination with City of San Mateo for 25th Ave Stage Construction Work.
- (3) Schedule slipped by 2 months for change orders related to work at 31st Avenue.

25th AVENUE GRADE SEPARATION PROJECT

**BUDGET:**

	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
<b>Total Project</b>	<b>\$205,900,000</b>	<b>\$175,178,459</b>	<b>\$177,851,040</b>	<b>\$205,900,000</b>	<b>\$0</b>



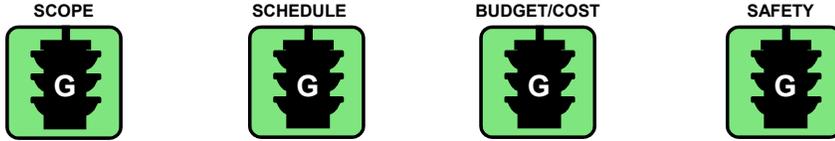
**Note:** In January 2021, the City of San Mateo approved \$2.1M and the TA Board approved \$23.8 million of additional funds for the project which is reflected in the current report.

**Issues:** Total Project Estimate at Completion has been increased due to delays in utility relocations, high cost in PG&E high pressure gas (HPG) pipeline, cost of utility connections to new Caltrain facilities, differing site conditions, and changes in the design and construction of a set-out track.

**SAFETY:** No incidents reported this quarter.



**BURLINGAME BROADWAY GRADE SEPARATION PROJECT**



**SCOPE:**



This project will grade separate the Broadway railroad crossing in the City of Burlingame by partially elevating the rail and partially depressing the roadway. The elevated rail alignment will require the reconstruction of the Broadway Caltrain Station. Reconstruction of the Broadway Caltrain Station will remove the operational requirement of the hold-out rule.

Currently the project is funded up through "Final Design" phase. The Estimate at Completion (EAC) is for up through "Final Design" phase only. Project is evaluating Value Engineering Options.

**Issues:**

None.

**SCHEDULE:**



Activity ID	Activity Name	Start	Finish	2018		2019		2020		2021		2022		2023				
				Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3
100244 - Burlingame Broadway Grade Sep		18-Dec-17 A	04-Jul-23															
Preliminary Engineering 35%		18-Dec-17 A	30-Oct-19 A															
Environmental Clearance		01-Dec-19 A	08-Oct-20 A															
Final Design		04-Jan-21 A	04-Jul-23															

**Progress:**

Jan - Mar 2021

- (1) Continued reviewing Value Engineering Options in coordination with City and JPB.
- (2) Project NTP on Jan 04, 2021 - Conducted kick off meetings with JPB functional teams and stakeholders.
- (3) Continued meeting with stakeholders.

**Future**

**Activities:**

Apr - Jun 2021

- (1) The 5 Value Engineering items will continue to be evaluated in coordination with the City.
- (2) Value Engineering Memo will be prepared when evaluation is concluded.

**Issues:**

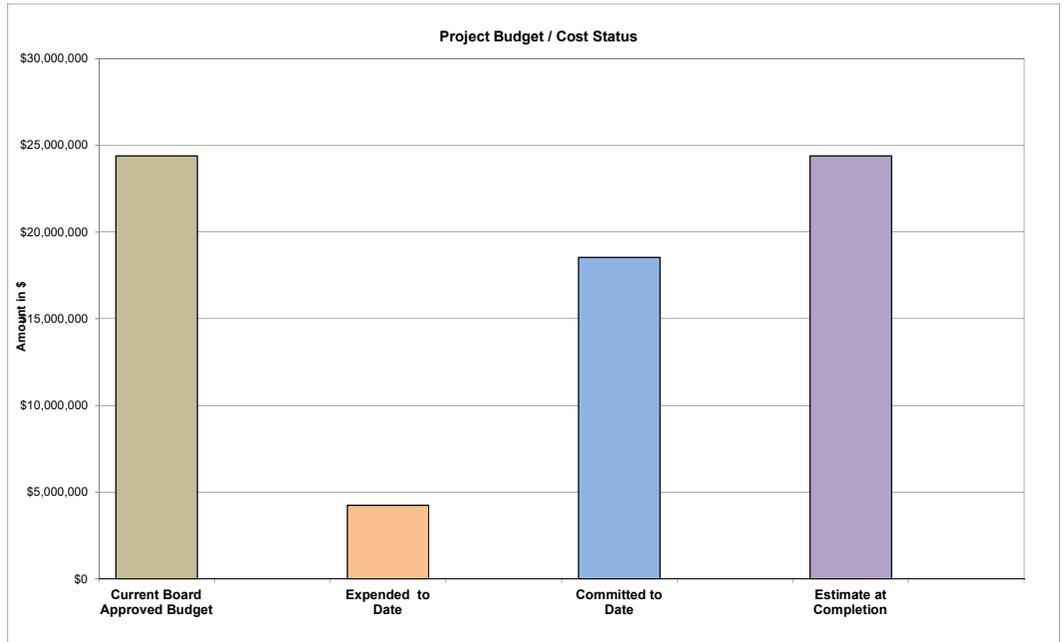
None.

**BURLINGAME BROADWAY GRADE SEPARATION PROJECT**

**BUDGET:**



	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
<b>Total Project</b>	<b>\$24,388,000</b>	<b>\$4,251,126</b>	<b>\$18,543,948</b>	<b>\$24,388,000</b>	<b>\$0</b>



**Issues:** None.

**SAFETY:** No incidents reported this quarter.



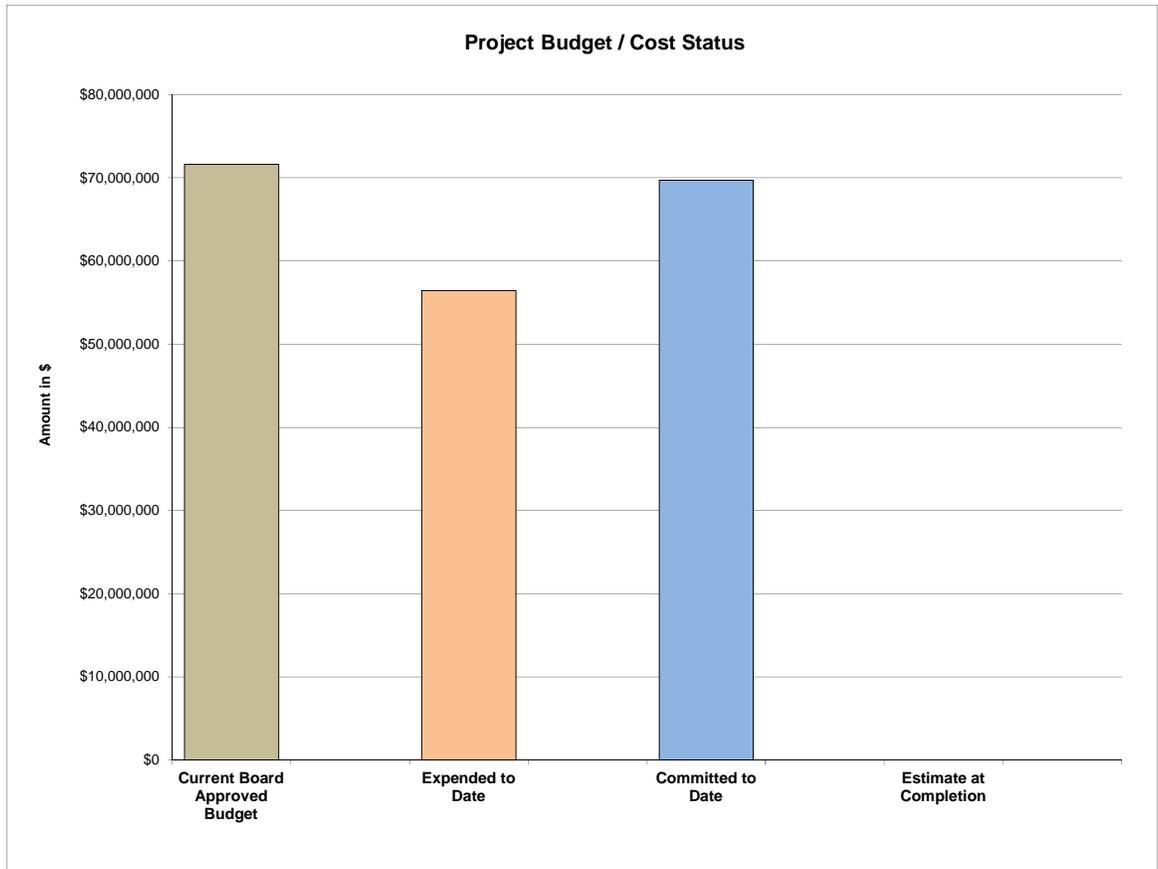


**SOUTH SAN FRANCISCO STATION IMPROVEMENT PROJECT**

**BUDGET:**



	(a)	(b)	(c)	(d)	(e) = (a - d)
	Current Board Approved Budget	Expended to Date	Committed to Date	Estimate at Completion	Variance at Completion
<b>Project Total</b>	<b>\$71,600,000</b>	<b>\$56,431,234</b>	<b>\$69,702,160</b>	<b>TBD</b>	<b>TBD</b>



**Issues:**

Estimate at Completion (EAC) will increase. EAC is currently under review. JPB engaged a third-party firm to evaluate the remaining costs, and anticipate their report by May 28th, 2021 to inform a revised EAC.

**SAFETY:**



No incidents reported this quarter.



# **TA – Caltrain Project**

**TA - Caltrain Projects (Continued):  
Railroad Grade Separations**

<p><b>00814 - GRADE SEPARATION STUDY REPORT – South Linden Avenue/Scott Street</b></p> <p><b>Scope:</b> This is a planning study by Caltrain in conjunction with the cities of South San Francisco (SSF) and San Bruno, to explore the feasibility of different alternatives to grade separate South Linden Avenue in South San Francisco and Scott Street in San Bruno from the Caltrain Corridor. This study will include at least one design option that accommodates a potential passing track for the Caltrain/High Speed Rail blended system and build upon previously completed studies with current data and revised project alternatives, accounting for current site conditions. It will also explore a two-track alternative that preserves Scott Street as a through-street for motor vehicles.</p> <p><b>Phase:</b> Planning. (Scheduled for completion approximately, June 2021)</p> <p><b>Status:</b> Project team prepared invoices, progress reports and updated project schedule. Prepared Final Draft Project Study Report (PSR) for City of South San Francisco, San Bruno and Caltrain review and completed review. Revised PSR to incorporate comments and conducted monthly Project Development Meetings.</p> <p>Note: Expended funds are estimated cost projections and will be updated once final vendor costs are received.</p>	<p><b>SMCTA Budget</b> \$650,000</p> <p><b>Expended</b> \$639,849</p> <p><b>Remaining</b> \$10,151</p>
---	--

<p><b>100277 - GRADE SEPARATION STUDY PROJECT - Whipple Avenue (Redwood City)</b></p> <p><b>Scope:</b> The PSR will expand on prior preliminary grade separation studies and analyze feasible alternatives for the Whipple Avenue Grade Separation Project. Due to the proximity of this Project to other at-grade crossings and the Redwood City station, the analysis will consider impacts of grade changes at Whipple to other crossings in Redwood City, including Brewster Avenue, Broadway, Maple Street, Main Street and Chestnut Street.</p> <p><b>Phase:</b> Planning. (Scheduled for completion approximately, July 2021)</p> <p><b>Status:</b> Project team prepared monthly progress reports, invoices and project schedule. Scheduled and held outreach-oriented meetings and updated outreach matrix. Developed materials and added to virtual open house. Refined draft evaluation matrix. Held last live Q&amp;A session and prepared written responses to questions. Finalized traffic scenarios, methodologies and assumptions memo. Completed traffic analysis, including developed graphics for virtual room. Continued to refine geometry of alternatives, including coordination with future development sites. Monitored on-line surveys, compiled results and continued Project Development Meetings.</p> <p>Note: Expended funds are estimated cost projections and will be updated once final vendor costs are received.</p>	<p><b>SMCTA Budget</b> \$750,000</p> <p><b>Expended</b> \$674,377</p> <p><b>Remaining</b> \$75,623</p>
---	--

# **Ferry** **Program Project**

**TA - : San Mateo County Ferry Service**

<p><b>100345 - FERRY TERMINAL PROJECT – Redwood City Ferry Project (Redwood City)</b></p> <p><b>Scope:</b> Complete a feasibility study and cost benefit analysis. This phase will review the initial conceptual studies and build upon that foundation. The study will also identify the characteristics for service, ridership, revenue and costs. The analyses will seek to understand the economic and social value of a terminal and ferry service to the community. The study and analysis are scheduled to finish by April 2021.</p> <p><b>Phase:</b> Planning.</p> <p><b>Status:</b> Project team finalized the Feasibility Study and Cost Benefit Analysis Report. The report was presented to the Water Emergency Transportation Authority (WETA) Board and the Redwood City Port Commission. Both bodies accepted the work and recommended proceeding to complete a business plan. Project team presented the report to City Council, January 2021. City Council accepted and approved the report. The report recommends moving forward with completing a Business Plan. The Port of Redwood City will lead that project development and will request funding for the Business Plan from the San Mateo County Transportation Authority (TA).</p>	<p><b>SMCTA Budget</b> \$450,000</p> <p><b>Expended</b> \$450,000</p> <p><b>Remaining</b> \$0</p>
---	---

# **Pedestrian and Bicycle** **Program Project**

**New Measure A Pedestrian and Bicycle Program Project Status Update**

<i>Sponsor</i>	<i>Project Name</i>	<i>Funded Phase(s)</i>	<i>Project Status</i>	<i>Award Date</i>	<i>Scope of Work Agreement Expiration Date</i>	<i>Measure A Funds</i>	<i>Measure A Expended</i>	<i>Measure A Remaining</i>
Daly City	Mission Street Streetscape Project	Final design and construction	Project team reviewed utility conflicts on 95% design plans. Design phase is expected to finish in June 2021. *Current expected completion date 3/2022.	Mar 2018	Jul 2023	\$810,000	\$73,023	\$736,977
East Palo Alto	Bike Transportation Plan Implementation - Class II & III Bike Facilities Project	Final design and construction	Construction completed, which included bike lane striping. *Current expected complete date 06/21.	Mar 2018	Oct 2023	\$300,000	\$187,631	\$112,369
Half Moon Bay	Pacific Coast Bikeway Connectivity Project North	Preliminary design/environmental, final design, right-of-way, construction	Project team met with Caltrans and discussed steps and schedule for preparation of Permit Engineering Evaluation Report (PEER). The Environmental Initial Study/Mitigated Negative Declaration (IS/MND) continued to be reviewed. *Current expected completion date 12/2022.	Mar 2018	Sep 2023	\$315,000	\$113,869	\$201,131
Menlo Park	Haven Avenue Streetscape Project	Preliminary design/environmental, final design and construction	Project team coordinated the following: 1) finalize bid package 2) Department of Fish & Wildlife for channel work and 3) pole design with PG&E. *Current expected completion date of 4/2021.	Apr 2014	Apr 2021	\$170,000	\$56,201	\$113,799
Menlo Park	Menlo Park Bike/Ped Enhancement Project	Final design and construction	Project team coordinated construction and project management activities, reviewed and responded to change orders, reviewed progress payments, walkthrough to generate punch list items, and began design for Rectangular Rapid Flashing Beacon (RRFB). *Current expected completion date of 7/2021.	Mar 2018	Jul 2023	\$805,600	\$237,440	\$568,160
Redwood City	Highway 101 Pedestrian and Bicycle Undercrossing	Construction	Transportation Authority (TA) allocated funds have already been expended for the current phase. Quarterly reports will continue until the project is completed: Contractor continued their trial installation of piles, refining the installation method as the process continues. *Current expected completion date of 4/2021.	Mar 2016	Scope of Work Completed	\$500,000	\$500,000	\$0
Redwood City	Jefferson/Cleveland SRTS and Peninsula Bikeway Project	Final design and construction	Construction continued, which included signal and loop detectors. Installation of bike pockets and diverters. *Current expected completion date 5/2021.	Mar 2018	Jul 2023	\$375,000	\$207,198	\$167,802
San Carlos	US 101/Holly Street Pedestrian and Bicycle Overcrossing	Construction	City staff continued value engineering and grant application preparation. Due to funding and Express Lane Project conflicts, project construction will be delayed. The City is still working to close the project's funding gap and has until August 2021 to identify a new funding plan to retain Measure A funding. *Current expected completion date 6/2024.	Mar 2016	Feb 2022	\$1,000,000	\$0	\$1,000,000
San Mateo	28th Avenue Bike Boulevard Implementation Project	Final design and construction	Notice To Proceed (NTP) was issued in March 2021. Contractor determined curb extensions at 28th Ave/Hacienda required redesign to reduce size. Curb extension at 28th Ave/Garfield required changes to grading, due to discovered flow issue. Construction is expected to be complete in June 2021. *Current expected completion date 6/2021. This represents a minor one month delay from the previous Quarterly report.	Mar 2018	Dec 2023	\$380,000	\$69,500	\$310,500
San Mateo	North San Mateo Drive Pedestrian and Bicycle Improvement Project	Construction	Construction continued, which included installation of irrigation system, curb ramps, sidewalk, pavement repairs and slurry seal. Continued work on the traffic signal infrastructure. *Current expected complete date 5/2021.	Mar 2016	Jun 2022	\$200,000	\$83,348	\$116,652

Notes:

1. Projects from the December 2020 Pedestrian and Bicycle Call for Projects will be included in this list once agreements are finalized and projects begin in 2021.
2. Projects completed in Quarter 3 include: San Carlos - Pedestrian Safety Improvement Plan for San Carlos Avenue.



## Definition of Terms

**Active Capital Projects** - Engineering and Construction Projects currently being executed or funded by SMCTA including the PSR (Project Study Report) phase, the PA/ED (Project Approval and Environmental Document) phase, the PS&E (Plan, Specification and Estimate) phase, the Construction phase, and the Closeout phase.

**Current Approved Budget** – Originally Board approved budget for the current phase of the project or for the total project + additional budget subsequently approved.

**Current Contribution** – Funding originally approved by the appropriate governing board for the current phase of the project or for the total project + additional funding subsequently approved.

**Estimate at Completion (EAC)** – The forecasted cost at completion of the current phase or the forecasted cost at completion of the total project. The estimate at completion cost can be different from the current approved budget. This difference reflects a cost variance at completion (underrun or overrun).

**Expended to Date** – The cumulative project costs that have been recorded through the current reporting period in the Agency’s accounting system + accrual costs of the work performed that have not been recorded in the accounting system; and costs incurred by other agencies as reported.

**Issues** - Identify major issues and problems (i.e. outside influences, procurement, property acquisitions, etc.) that may impact the project; quantify possible impacts and identify corrective actions.

**On-hold Projects** – Projects not currently active due to (a) lack of funding, (b) lack of environmental permits, (c) projects funded but yet to be initiated, (d) projects being closed-out, and (e) schedule impacted by other related projects.

**Original Contribution** – Funding originally approved by the appropriate governing board for the current phase of the project or for the total project.

**Variance at Completion** – Difference between the Current Approved Budget and the EAC. Positive variance at completion reflects potential project underrun.



## Abbreviations

**CAP** – Citizen Advisory Panel

**CAC** – Citizen Advisory Committee

**CEQA** – California Environmental Quality Act

**EIR/EIS** – Environmental Impact Report / Environmental Impact Study

**ERM** – Environmental Resource Management

**EMU** – Electric Multiple Unit trainset

**MTC** – Metropolitan Transportation Commission

**NEPA** – National Environmental Policy Act

**PAC** – Policy Advisory Committee

**PA/ED** – Project Approval/ Environmental Document – Project documents reflecting approval of environmental impact assessments to the project.

**PDT** – Policy Development Team / Project Development Team

**PS&E** – Plan, Specifications and Estimates – Perform Engineering Plans, Specifications, and Estimating tasks from 35% Design to Final Design.

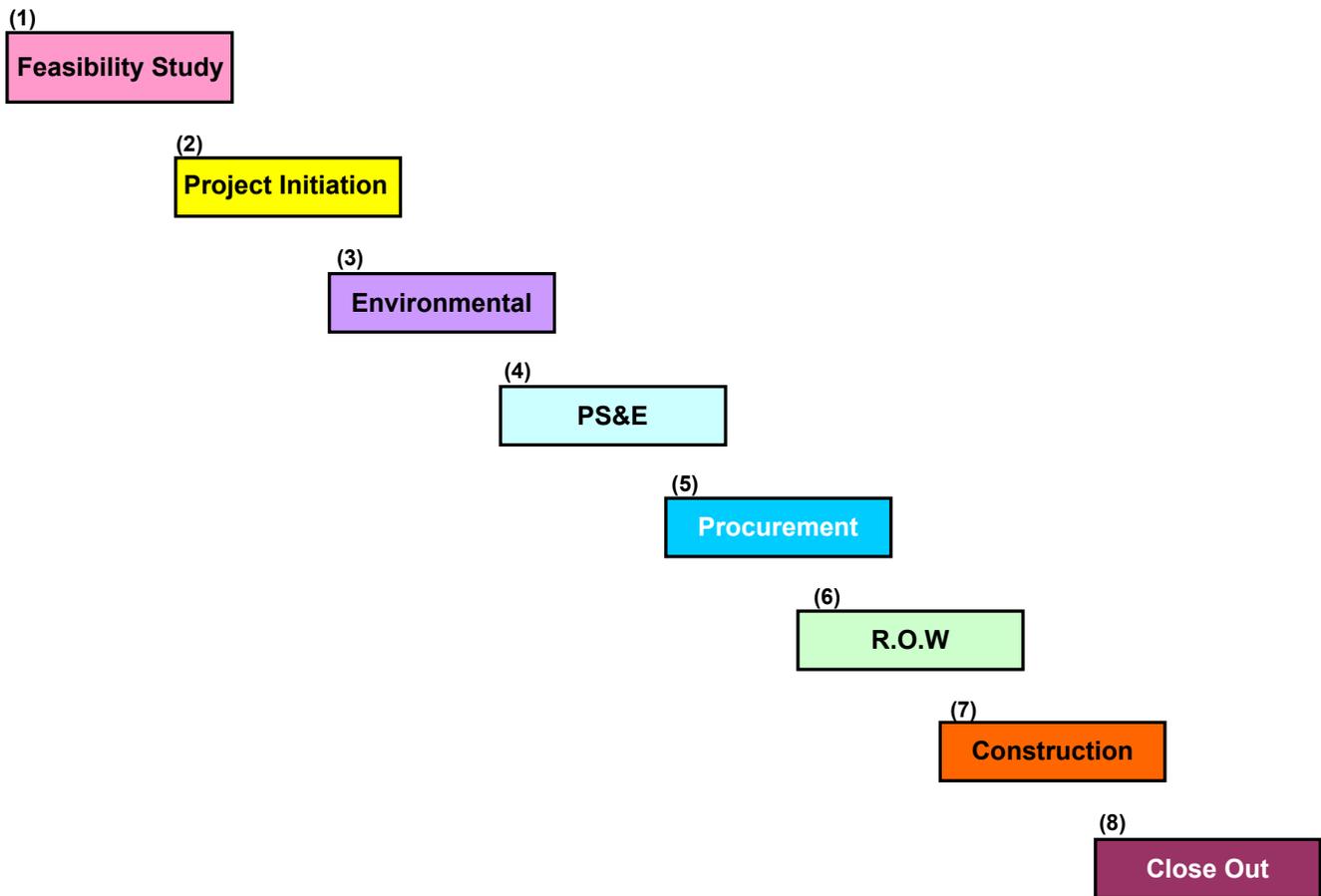
**PSR** – Project Study Report – A report providing conceptual project information including project scope, environmental assessment, feasibility, scope, costs and schedule.

**ROW** – Right-of-Way – Land, property, or interest acquired for or devoted to transportation purpose.

**RTIP** – Regional Transportation Improvement Program

**UPRR** – Union Pacific Railroad

# Project Phases



**Note:** Phase sequence is as shown; however some phases may overlap.



## Performance Status (Traffic Light) Criteria Highway Program

SECTIONS	On Target (GREEN)	Moderate Risk (YELLOW)	High Risk (RED)
<b>1. SCOPE</b>	<p>(a) Scope is consistent with Budget or Funding.</p> <p>(b) Scope is consistent with other projects.</p> <p>(c) Scope change has been mitigated.</p>	<p>(a) Scope is NOT consistent with Budget or Funding.</p> <p>(b) Scope appears to be in conflict with another project.</p> <p>(c) Scope changes have been proposed.</p>	<p>(a) Significant scope changes / significant deviations from the original plan.</p>
<b>2. BUDGET</b>	<p>(a) Estimate at Completion forecast is within plus /minus 10% of the Current Approved Budget.</p>	<p>(a) Estimate at Completion forecast exceeds Current Approved Budget between 10% to 20%.</p>	<p>(a) Estimate at Completion forecast exceeds Current Approved Budget by more than 20%.</p>
<b>3. SCHEDULE</b>	<p>(a) Project milestones / critical path are within plus/minus four months of the current baseline schedule.</p> <p>(b) Physical progress during the report period is consistent with incurred expenditures.</p> <p>(c) Schedule has been defined.</p>	<p>(a) Project milestones / critical path show slippage. Project is more than four to six months behind the current baseline schedule.</p> <p>(b) No physical progress during the report period, but expenditures have been incurred.</p> <p>(c) Detailed baseline schedule NOT finalized.</p>	<p>(a) Forecast project completion date is later than the current baseline scheduled completion date by more than six months.</p>
<b>4. FUNDING</b>	<p>(a) Expenditure is consistent with Available Funding.</p> <p>(b) All funding has been secured or available for scheduled work.</p>	<p>(a) Expenditure reaches 90% of <u>Available Funding</u>, where remaining funding is NOT yet available.</p> <p>(b) NOT all funding is secured or available for scheduled work.</p>	<p>(a) Expenditure reaches 100% of <u>Available Funding</u>, where remaining funding is NOT yet available.</p> <p>(b) No funding is secured or available for scheduled work.</p>

## Performance Status (Traffic Light) Criteria Caltrain Program

SECTIONS	On Target (GREEN)	Moderate Risk (YELLOW)	High Risk (RED)
<b>1. SCOPE</b>	(a) Scope is consistent with Budget or Funding. (b) Scope is consistent with other projects. (c) Scope change has been mitigated.	(a) Scope is NOT consistent with Budget or Funding. (b) Scope appears to be in conflict with another project. (c) Scope changes have been proposed.	(a) Significant scope changes / significant deviations from the original plan.
<b>2. BUDGET</b>	(a) Estimate at Completion is within plus /minus 5% of the Current Board Approved Budget.	(a) Estimate at Completion exceeds the Current Board Approved Budget by 5% to 10%.	(a) Estimate at Completion exceeds the Current Board Approved Budget by more than 10%.
<b>3. SCHEDULE</b>	(a) Project milestones / critical path are within plus/minus two months of the current baseline schedule. (b) Physical progress during the report period is consistent with incurred expenditures. (c) Schedule has been defined.	(a) Project milestones / critical path show slippage. Project is more than two to six months behind the current baseline schedule. (b) No physical progress during the report period, but expenditures have been incurred. (c) Detailed baseline schedule NOT finalized.	(a) Project milestones / critical path show slippage more than two consecutive months. (b) Forecast project completion is later than the current baseline scheduled completion by more than six months. (c) Schedule NOT defined for two consecutive months.
<b>4. SAFETY</b>	(a) No reported safety related incidents on the project.	(a) One Near Miss or incident requiring written report based on contract requirements.	(a) Injury (worker or passenger) requiring reporting to the Federal Railroad Administration. (b) Two or more Miss or incident requiring written report based on contract requirements.

### Schedule Legend



**Completed**



**Critical path**



**Baseline/target schedule**