

# Capital Projects

## Quarterly Status Report

**4th Quarter FY2018 : April 01 - June 30, 2018**

**Report prepared for the September 06, 2018 TA Board Meeting**







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Level 2 Projects

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= 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 design support during construction.

**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 is the implementation agency for the Construction phase, and is 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 right-of-way. Highway planting on Caltrans right-of-way will be part of a subsequent contract following completion of the current construction contract.

**Project Status Summary:** PID, PA&ED, and PS&E phases were complete. Interchange construction was completed in October 2017. Caltrans is performing construction administration and inspection for plant establishment. Project is in plant establishment, preparation of As-Built and right-of-way closeout stage.

**Issues:** None

**Schedule:** 

Major Milestones:	Original Baseline		Current Baseline (3/15)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PID (PSR)	05/01/00	11/30/05	05/01/00	11/30/05	05/01/00	11/30/05
PA&ED	10/02/08	11/30/10	10/02/08	04/23/11	10/02/08	04/23/11
PS&E	06/01/11	12/31/13	06/01/11	06/30/14	06/01/11	06/30/14
Construction	09/10/14	11/20/17	09/10/14	11/20/17	09/10/14	10/20/17
Plant Establishment (One Year)	10/20/17	10/30/18	10/20/17	10/30/18	10/20/17	10/30/18

**Note:** The current schedule does not include the subsequent landscaping contract within Caltrans' right-of-way that TA, Caltrans, and Burlingame staff are currently scoping.

**Progress This Quarter:**

- (1) Continued plant establishment.
- (2) Continued to prepare As-Built Drawings.
- (3) Continued scoping for subsequent highway planting contract.
- (4) Continued to prepare right-of-way plat and legal description for right-of-way closeout.

**Future Activities:**

- (1) Complete plant establishment in Fall 2018.
- (2) Begin project closeout.
- (3) Continue scoping for subsequent highway planting contract.

**Issues:** None

**Funding:** 

	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$59,187,000	63%	\$53,595,963	91%	\$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>\$87,236,678</b>	<b>93%</b>	<b>\$93,738,000</b>	<b>100%</b>

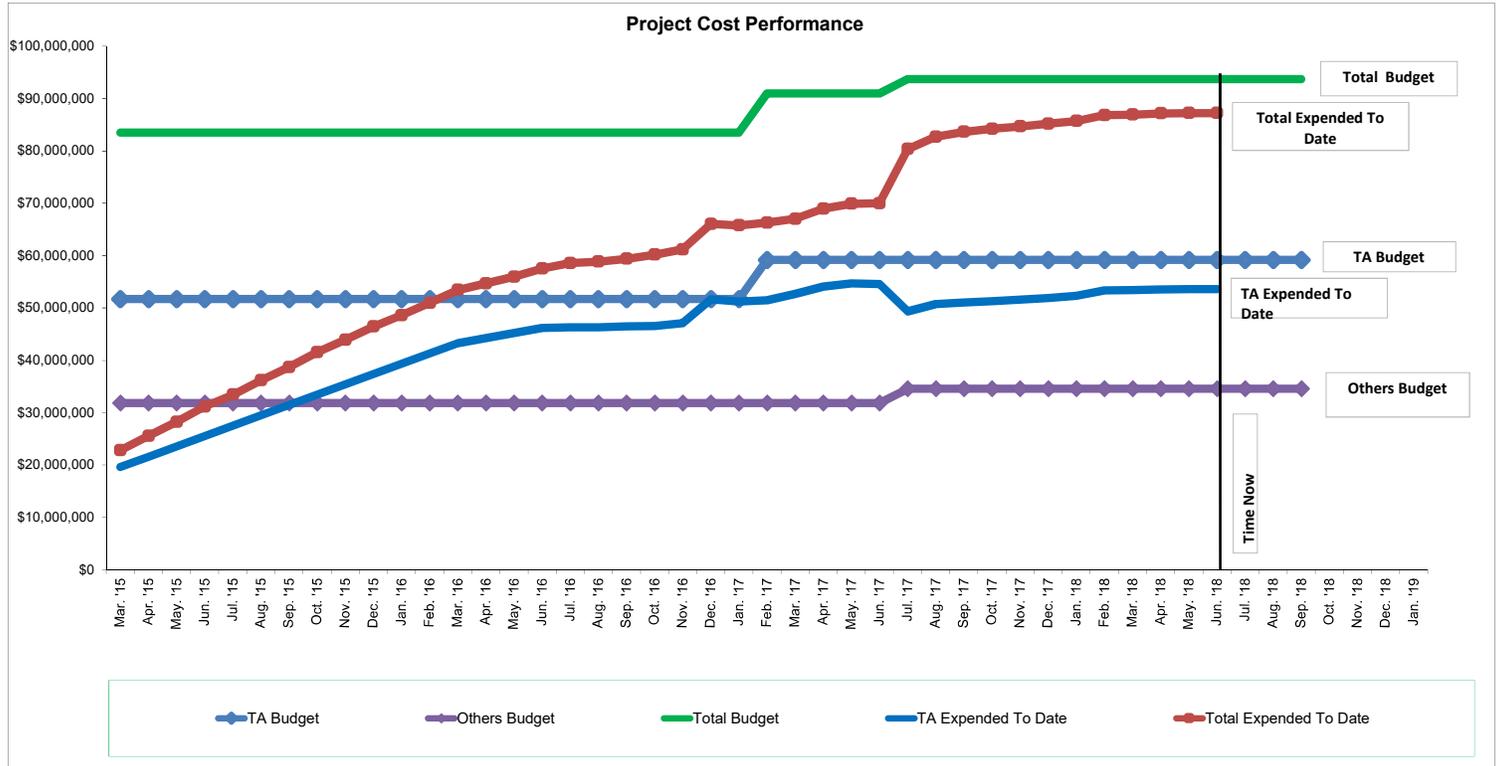
**Issues:** None

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$59,187,000	\$53,595,963	\$5,591,037	\$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>\$87,236,678</b>	<b>\$6,501,322</b>	<b>\$93,738,000</b>	<b>\$0</b>

Note: The current budget includes the cost for subsequent landscaping work that will commence after construction completion.



**Issues:**

In July 2017, project expenditures were adjusted to include the \$1.12 M of City's reimbursement for sewer relocation work and \$4.218 M of STIP reimbursement for PS&E costs. These reimbursement had been credited back to TA and were deducted from TA's expenditure. In addition, State increased its budget by \$1.6 M to cover extra work associated with additional right-of-way commitments and unforeseen site conditions. The corresponding State and City's budgets and expenditures were revised.

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

TA Role: Funding Agency and Technical Support

Sponsor: City of Menlo Park

**Scope:**



This project will convert the existing full-cloverleaf interchange to a partial-cloverleaf interchange and replace the existing Willow Road Overcrossing with additional vehicular lanes, sidewalks on both sides, and new enhanced bikeways. The project also includes realignment and widening of on- and off-ramps, and new signals at the ramp intersections.

**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 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. Project is currently in Stage 2 construction. Caltrans is performing construction administration and inspection, and has reported that the contractor has completed approximately 66% of the construction contract work, 73% of the scheduled time has been used (including time extension due to change orders) and 59% of the budget has been expended.

**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (12/17)		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	12/31/18

**Progress**

- (1) Continued grading and construction of sound walls.
- (2) Poured bridge abutment walls in southeast and northeast quadrants of the interchange.
- (3) Installed bridge girders northbound and southbound.
- (4) Poured bridge columns.
- (5) Backfilled box culvert in southeast quadrant of the interchange.
- (6) Constructed retaining wall in the southwest quadrant of the interchange.
- (7) Continued to construct retaining wall in the northwest quadrant on East Bayshore Road.
- (8) Completed rough grading for new ramp in northwest and southeast quadrants.
- (9) Restored curb ramps and sidewalk at Laurel Avenue.

**This Quarter:**

**Future**

**Activities:**

- (1) Continue to construct retaining wall in northwest quadrant.
- (2) Continue to construct rough grading for new ramp in southeast quadrants.
- (3) Construct sidewalk and connections and temporary signals for pedestrian access across the interchange.
- (4) Inform general public about the traffic switch to Stage 3 construction.

**Issues:** Issues associated with design discrepancies and unforeseen site conditions resulted in early changes with extra cost and time. Shortage of construction materials and skilled labor also contribute to delay. Depending on the weather condition and the type of work to be performed in the winter, it is estimated that 100 days of Time Related Overhead have been added to the project.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$71,800,000	86%	\$37,739,686	53%	\$71,800,000	86%
<b>Others</b>						
<b>State</b>	\$11,552,000	14%	\$11,552,000	100%	\$11,552,000	14%
<b>Total</b>	<b>\$83,352,000</b>	<b>100%</b>	<b>\$49,291,686</b>	<b>59%</b>	<b>\$83,352,000</b>	<b>100%</b>

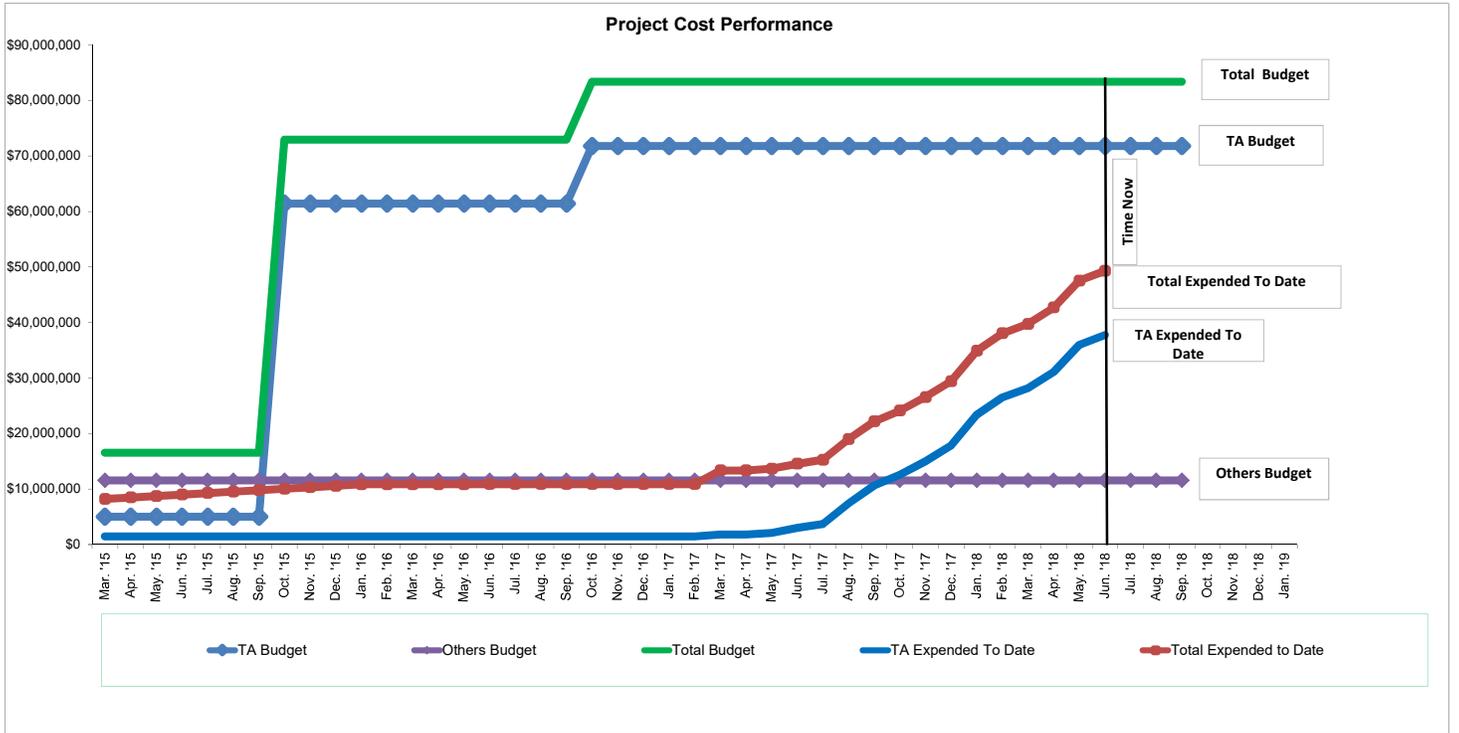
**Issues:** SMCTA funding includes \$10.4 M Measure A Advancement funds for construction support to be reimbursed by Caltrans once State funds become available.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$71,800,000	\$37,739,686	\$34,060,314	\$71,800,000	\$0
Others	\$11,552,000	\$11,552,000	\$0	\$11,552,000	\$0
<b>Total Project</b>	<b>\$83,352,000</b>	<b>\$49,291,686</b>	<b>\$34,060,314</b>	<b>\$83,352,000</b>	<b>\$0</b>

Note: Budget is for PID, PA&ED, PS&E, Right-of-Way and Construction phases.



**Issues:** Issues associated with design discrepancies and unforeseen site conditions resulted in early changes with additional costs and time. Additional costs will be covered by construction contingency funds.

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

**TA Role:** Funding Agency

**Sponsor:** Redwood City (Also Implementing Agency)

**Scope:**



The project proposes to 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 PS&E and right-of-way support phases and the City of Redwood City has committed additional matching funds. The Project is currently in preparation of 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. The project is currently in preparation of 65% Plans, Specifications & Estimate (PS&E). 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.

**Issues:** None

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (3/15)		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	05/01/20	08/01/17	05/01/20
Right-of-Way	08/01/17	05/01/20	08/01/17	05/01/20	08/01/17	05/01/20

**Progress**

**This Quarter:**

- (1) Conducted utility kick-off meetings.
- (2) Continued electrical design, utility relocation and occupation plans.
- (3) Continued to update Critical Path Method (CPM) schedule.
- (4) Conducted Structure Type Selection Meeting at Caltrans.
- (5) Continued to work on technical reports.
- (6) Advanced highway plan sheets to 65% level.
- (7) Began to work on construction schedule, Regional Water Quality Control Board (RWQCB) Permit application, quantities and construction cost estimate.
- (8) Continued to coordinate with UPRR.
- (9) Continued to obtain preliminary title reports, right-of-way surveying and right-of-way mapping development.

**Future**

**Activities:**

- (1) Continue to update Critical Path Method (CPM) schedule.
- (2) Continue electrical design.
- (3) Continue to work on utility relocation and occupation plans.
- (4) Continue to work on investigations and technical reports related to geotechnical conditions.
- (5) Work with Caltrans to obtain Type Selection approval.
- (6) Finalize and prepare 65% submittal package.

**Issues:**

The Structure Type Selection is not yet approved by Caltrans and may result in potential delay. Right-of-way activities can take up to 12 months and the process is taking place in parallel with PS&E development.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$11,560,000	80%	\$5,610,844	49%	\$11,560,000	80%
<b>Others</b>						
<b>Federal</b>	\$0	0%	\$0	0%	\$0	0%
<b>State</b>	\$0	0%	\$0	0%	\$0	0%
<b>City</b>	\$2,894,000	20%	\$814,360	28%	\$2,894,000	20%
<b>Total</b>	<b>\$14,454,000</b>	<b>100%</b>	<b>\$6,425,204</b>	<b>44%</b>	<b>\$14,454,000</b>	<b>100%</b>

**Issues:**

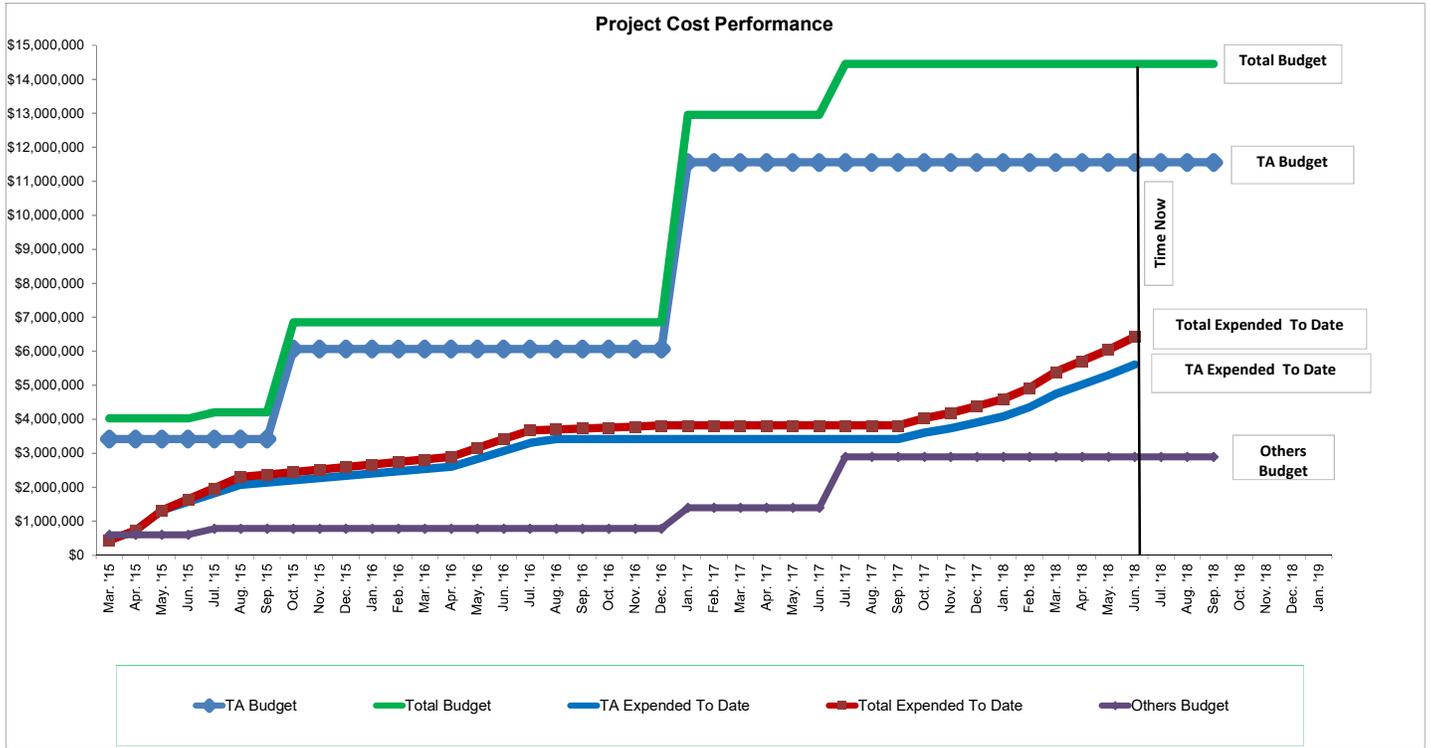
The city is working to develop a full funding plan for the construction phase of the project.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$11,560,000	\$5,610,844	\$5,949,156	\$11,560,000	\$0
Others	\$2,894,000	\$814,360	\$2,079,640	\$2,894,000	\$0
<b>Total Project</b>	<b>\$14,454,000</b>	<b>\$6,425,204</b>	<b>\$8,028,796</b>	<b>\$14,454,000</b>	<b>\$0</b>

Note: Budget is for PA&ED, PS&E and Right-of-Way Support phases only.



**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 administrated by Caltrans is now complete. Off-site Mitigation is also complete. 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.

**Issues:** None

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (12/17)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PS&E	04/01/11	10/05/12	04/01/11	09/20/13	04/01/11	09/20/13
Construction	04/07/14	11/10/15	04/07/14	10/15/15	04/07/14	10/15/15
Offsite Mitigation	11/10/15	11/10/16	10/15/15	10/15/16	10/15/15	08/15/16
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) Continued Phase II biological monitoring.

**Future Activities:** (1) Continue Phase II biological monitoring.

**Issues:** None

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$10,054,000	56%	\$7,702,509	95%	\$8,146,866	51%
<b>Others</b>						
<b>Federal</b>	\$4,446,000	25%	\$4,446,000	100%	\$4,446,000	28%
<b>State</b>	\$3,194,381	18%	\$3,095,240	97%	\$3,194,381	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>\$15,393,749</b>	<b>97%</b>	<b>\$15,937,247</b>	<b>100%</b>

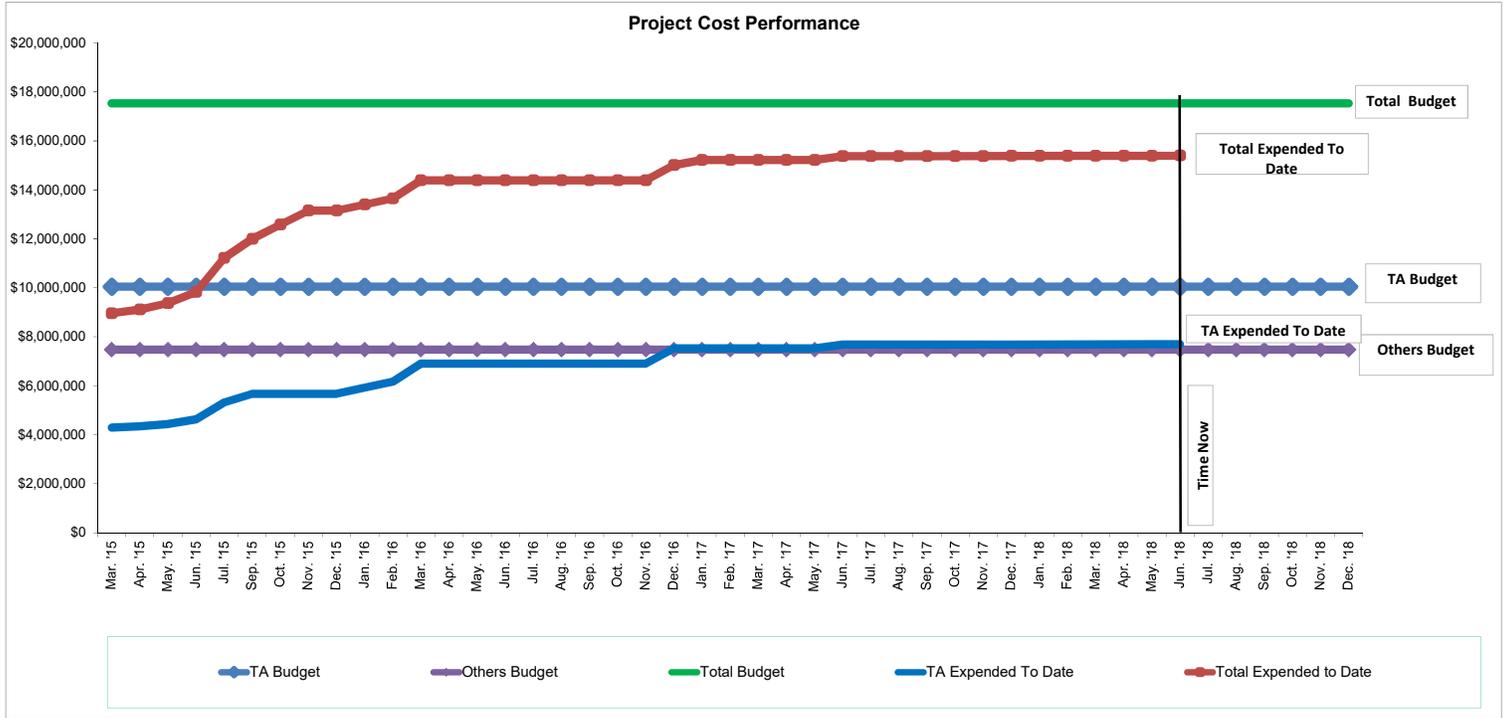
**Issues:** None

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$10,054,000	\$7,702,509	\$444,357	\$8,146,866	\$1,907,134
Others	\$7,790,381	\$7,697,199	\$93,182	\$7,790,381	\$0
<b>Total Project</b>	<b>\$17,844,381</b>	<b>\$15,399,708</b>	<b>\$537,539</b>	<b>\$15,937,247</b>	<b>\$1,907,134</b>

Note: Budget for PS&E, Construction, plant establishment and a 3-year Biological Monitoring period.



**Issues:** None

# 000791 - U.S. 101 - MANAGED LANES PROJECT

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

Sponsors: C/CAG and TA

**Scope:**



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

**Project Status Summary:**

This project is in the PA&ED phase. 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. Current work in progress includes traffic studies, geotechnical report, general environmental studies, biological studies, cultural resource studies and development of APE mapping. 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. Since then, Caltrans has revised portions of the DED to address comments. Caltrans will open a new comment period to allow the public to review and comment on the revised sections. The new comment period will run from July 10 to August 9, 2018. In February 2018, the 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 of PS&E and right-of-way.

**Issues:** None

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (8/16)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PSR-PDS	12/05/13	12/15/14	05/01/00	05/15/15	12/05/13	05/04/15
Supplemental PSR-PDS	02/03/16	06/01/16	05/01/00	06/01/16	02/03/16	06/03/16
PA&ED	06/22/16	10/24/18	05/01/00	10/24/18	06/22/16	10/15/18

**Progress**

**This Quarter:**

- (1) Continued to review and address public comments on the DED.
- (2) Caltrans and specialist completed review of the DED.
- (3) Completed mapping for Environmental Study.
- (4) Continued to work on right-of-way appraisals.
- (5) Finalized Construction Manager/ General Contractor (CMGC) contract.
- (6) Finalized Cooperative Agreement between TA, City/County Association of Governments of San Mateo County (C/CAG) and Caltrans.
- (7) Completed advance hydrology and drainage investigation.
- (8) Conducted potholing.
- (9) Completed enhanced traffic study and additional design exceptions.

**Future**

**Activities:**

- (1) Conduct a 30 days partial recirculation of DED.
- (2) Address comments and prepare responses to review comments.
- (3) Obtain approvals on the DED.
- (4) Execute Cooperative Agreement for design phase.

**Issues:**

Based on comments received on the DED, it is determined that modifications of some sections of the DED is necessary. To provide ample opportunity for public input, a 30 days partial recirculation was established. The partial recirculation pushes the targeted completion of the PA&ED phase to 10/15/18.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$10,500,000	46%	\$8,656,006	82%	\$10,500,000	46%
<b>Others</b>						
<b>Federal</b>	\$9,500,000	41%	\$8,075,415	85%	\$9,500,000	41%
<b>State</b>	\$0	0%	\$0	0%	\$0	0%
<b>City</b>	\$3,000,000	13%	\$3,000,000	100%	\$3,000,000	13%
<b>Total</b>	<b>\$23,000,000</b>	<b>100%</b>	<b>\$19,731,421</b>	<b>86%</b>	<b>\$23,000,000</b>	<b>100%</b>

\* \$3M from SAMCEDA Funding Agreement.

**Issues:**

An additional \$9.5 M of federal funds were added to the project budget in October 2017 for preliminary engineering work. TA Board programmed and allocated \$22M in February 2018 for design, right-of-way, and construction which will be included in the table above when those phases of work begin. At the California Transportation Commission (CTC) meeting in May 2018, \$220M was programmed from the Senate Bill 1 (SB 1) program.

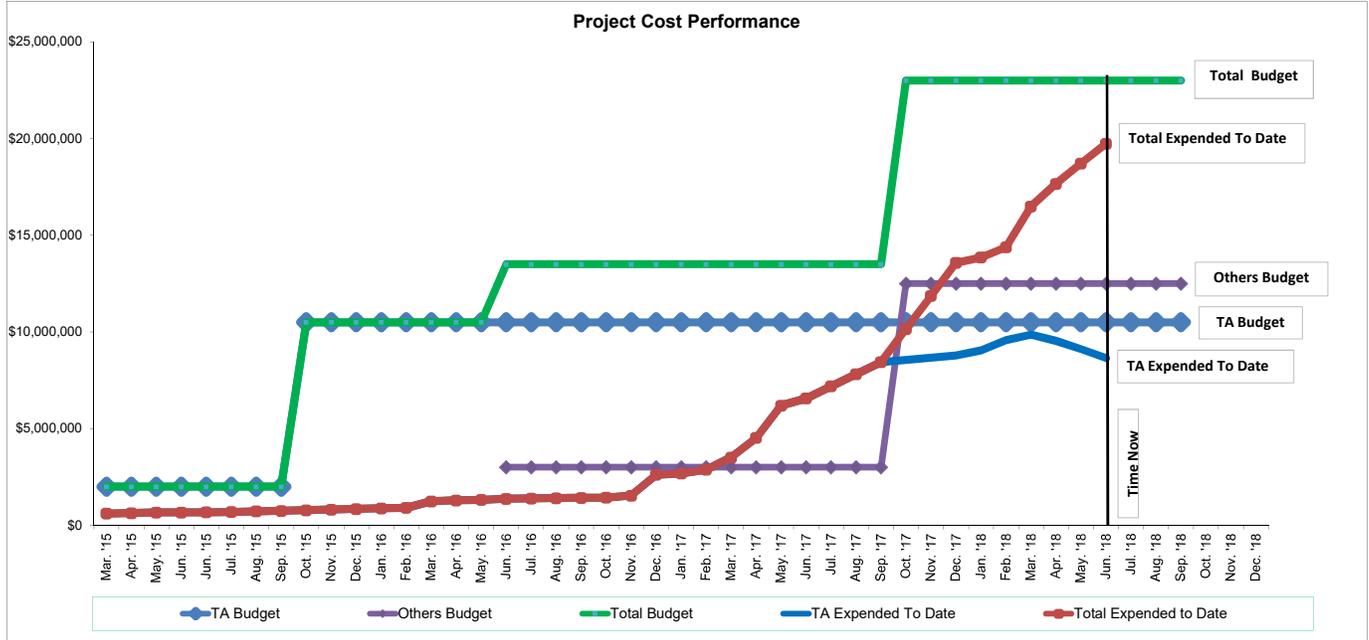
In April 2018, project received reimbursement from SAMCEDA. This reimbursement has been credited back to TA and was deducted from TA expenditure.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$10,500,000	\$8,656,006	\$1,843,994	\$10,500,000	\$0
Others	\$12,500,000	\$11,075,415	\$1,424,585	\$12,500,000	\$0
<b>Total Project</b>	<b>\$23,000,000</b>	<b>\$19,731,421</b>	<b>\$3,268,579</b>	<b>\$23,000,000</b>	<b>\$0</b>

Note: Budget is for PID and PA&E phases only.



**Issues:**

An additional \$9.5 M of federal funds were added to the project budget in October 2017 for preliminary engineering work.

# 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:** 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. Project is in 65% design.

**Issues:** None

**Schedule:**

Major Milestones:	Original Baseline		Current Baseline (3/15)		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	09/30/18	09/27/17	09/30/18



**Progress This Quarter:**

- (1) Coordinated with PG&E on Permit Application.
- (2) Finalized the Geometry Design and prepared Design Exception Fact Sheets.
- (3) Investigated ADA compliant issues and Caltrans' ADA review comments.
- (4) Continued to develop environmental studies.
- (5) Collected additional topo, existing overhead pole locations, and underground electric coordinates.
- (6) Responded to Caltrans' Review Comments on the Project Description/Purpose & Need and submitted to SMCTA/SMC.

**Future Activities:**

- (1) Address 65% submittal comments.
- (2) Begin preparation of 95% plans.
- (3) Submit 65% PS&E, ADA Checklist, Traffic Memo, Storm Water Data Report, Encroachment Policy Variance Request, Lane Closure Sheets to Caltrans.
- (4) Support community outreach and continue to work closely with the coastal community.
- (5) Begin to prepare Coastal Development Permit application.

**Issues:** None

**Funding:**

	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$1,500,000	100%	\$557,592	37%	\$1,500,000	100%
<b>Others</b>						
<b>Federal</b>		0%		0%		0%
<b>State</b>		0%		0%		0%
<b>City</b>		0%		0%		0%
<b>Total</b>	<b>\$1,500,000</b>	<b>100%</b>	<b>\$557,592</b>	<b>37%</b>	<b>\$1,500,000</b>	<b>100%</b>



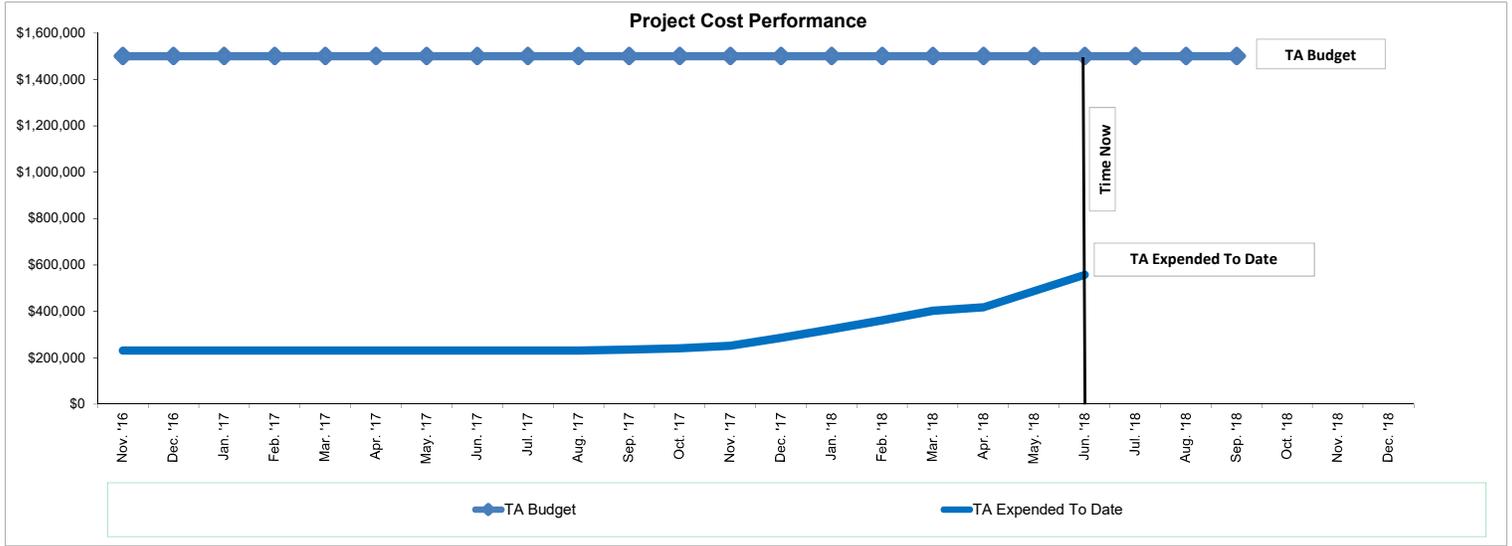
**Issues:** None

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$1,500,000	\$557,592	\$942,408	\$1,500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$1,500,000</b>	<b>\$557,592</b>	<b>\$942,408</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.



**Issues:** None

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

TA Role: Funding Agency

Sponsor: 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 environmental document was certified by Caltrans on June 19, 2015. Final Project Report for the interchange was approved by Caltrans on September 25, 2015. PS&E phase of work commenced July 2015. The 65% design was submitted to Caltrans in November 2015. The 95% Civil and Structural plans were submitted to Caltrans in August 2016 and February 2017, respectively. Work is on-going for final Civil and Structural PS&E submittal. The interchange project was combined with the pedestrian overcrossing project, for which a Supplemental Project Report and Environmental Certification Revalidation are required and were approved in March 2018.

**Issues:**

Schedule has been delayed due to additional scope of work associated with SMART corridor utility relocation, additional retaining walls, and the decorative arches and lighting.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (3/15)		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

**Progress This Quarter:**

- (1) City of San Carlos received 404 Permit.
- (2) Freeway Maintenance Agreement is being reviewed by Caltrans.
- (3) Continued to work on 401 Permit, and Caltrans Encroachment Permit.
- (4) Continued to work with City of San Carlos on Highway Funding Agreement.
- (5) City has awarded the construction support service to a consulting firm.
- (6) Conducted independent constructability review.

**Future Activities:**

- (1) Finalize bid package and advertise project.

**Issues:**

The completion of the PS&E and right-of-way phases have been delayed due to additional work associated with SMART corridor utility relocation, additional retaining walls, and the decorative arches and lighting. The project is currently forecasting the completion of design phase by the end of September 2018.

**Funding:**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$3,000,000	80%	\$2,845,249	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>\$3,555,366</b>	<b>94%</b>	<b>\$3,763,063</b>	<b>100%</b>

**Issues:**

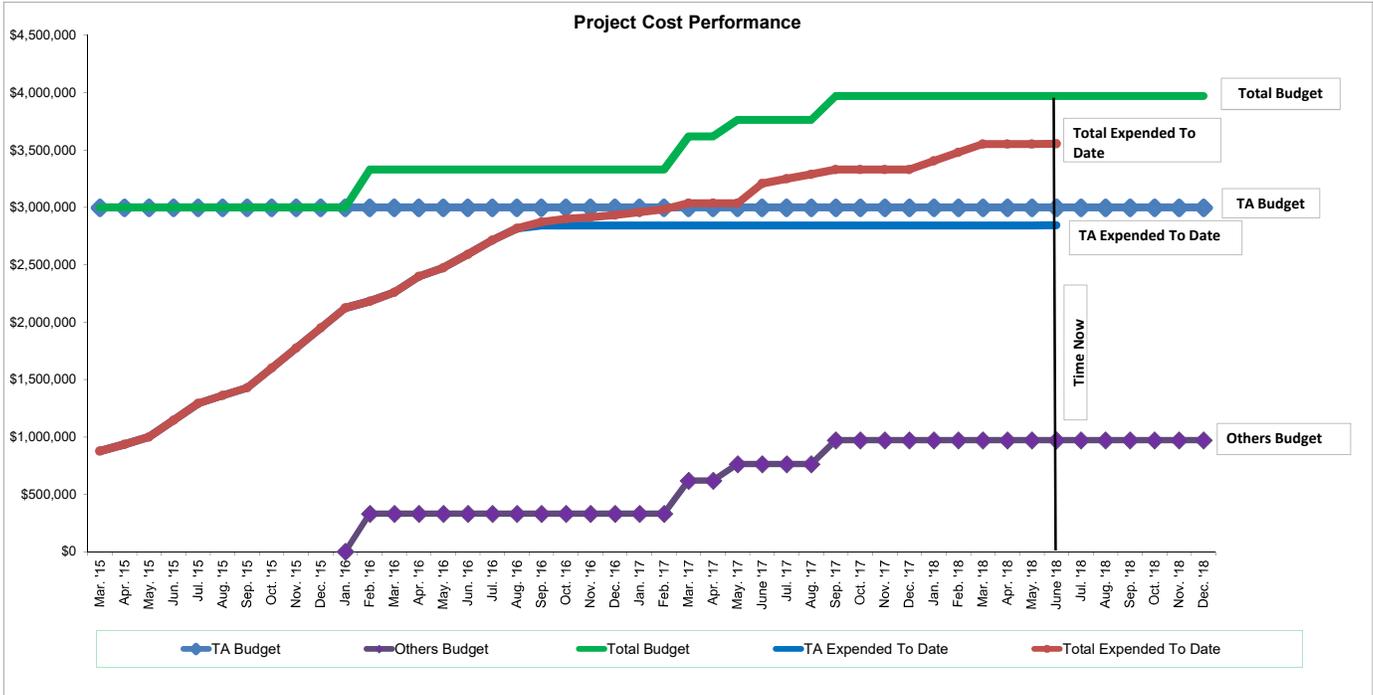
The current funding table does not include funding for construction phase. A total of \$14.59 million of Measure A funds were allocated for construction and right-of-way phases which included \$10.72 million funding allocation through the 2015 Highway Call-For-Project, and \$3.87 million allocation through a Special Circumstance request by the City of San Carlos. Allocation of Measure A funds for construction were conditioned upon the completion of design. City of San Carlos also committed \$4.53 million 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:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$3,000,000	\$2,845,249	\$154,751	\$3,000,000	\$0
Others	\$763,063	\$710,117	\$52,946	\$763,063	\$0
<b>Total Project</b>	<b>\$3,763,063</b>	<b>\$3,555,366</b>	<b>\$207,697</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.



**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 of Directors allocated an additional \$3.87 million for the construction phase of the project, which includes \$2.38 million of additional construction funds and \$1.49 million of supplemental contingency funds.

# 000799 - U.S. 101 / SR 92 INTERCHANGE PROJECT

**TA Role:** Implementing and Funding Agency  
**Sponsor:** City of Foster City, City of San Mateo

**Scope:**



Preliminary Planning Study (PPS) to identify improvement needs for US 101/SR 92 interchange area to address traffic congestion. The study limits cover US 101 between Third Avenue and Ralston Avenue interchanges, and SR 92 between I-280 and Foster City Boulevard interchanges.

**Project Status Summary:**

The final PPS report was completed and the PPS phase is now closed. The project is currently in coordination with City of Foster City, City of San Mateo, C/CAG and Caltrans for Project Initiation Documents (PID) phase of the project. The project is located in close proximity to the SR 92/ Delaware Interchange and may be combined with the SR 92/ Delaware Interchange project (000792) in the future phase.

**Issues:**

Project received Measure A funding for both short-term and long-term improvements. Short-term and long-term improvements will be delivered as two separate projects.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (3/15)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PPS	05/05/15	07/07/16	05/05/15	07/07/16	05/05/15	07/08/16
PID	06/01/18	06/30/19	06/01/18	06/30/19	06/01/18	06/30/19

**Progress This Quarter:**

- (1) Continued to define scope of work for short-term and long-term improvements.
- (2) Continued to establish Memorandums of Understanding (MOUs) with Cities.
- (3) Continued to coordinate with the US 101 Managed Lane Project for improvement needs.

**Future Activities:**

- (1) Continue to establish Cooperative Agreements with Caltrans for the PID work.
- (2) Finalize MOUs with Cities.
- (3) Continue to coordinate with the US 101 Managed Lane Project for improvement needs.
- (4) Issue Notice-To-Proceed once scope of work is finalized.

**Issues:**

PID schedule will be developed once Cooperative Agreements and MOUs are established.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$500,000	100%	\$366,718	73%	\$500,000	100%
<b>Others</b>						
<b>Federal</b>		0%		0%		0%
<b>State</b>		0%		0%		0%
<b>City</b>		0%		0%		0%
<b>Total</b>	<b>\$500,000</b>	<b>100%</b>	<b>\$366,718</b>	<b>73%</b>	<b>\$500,000</b>	<b>100%</b>

**Issues:**

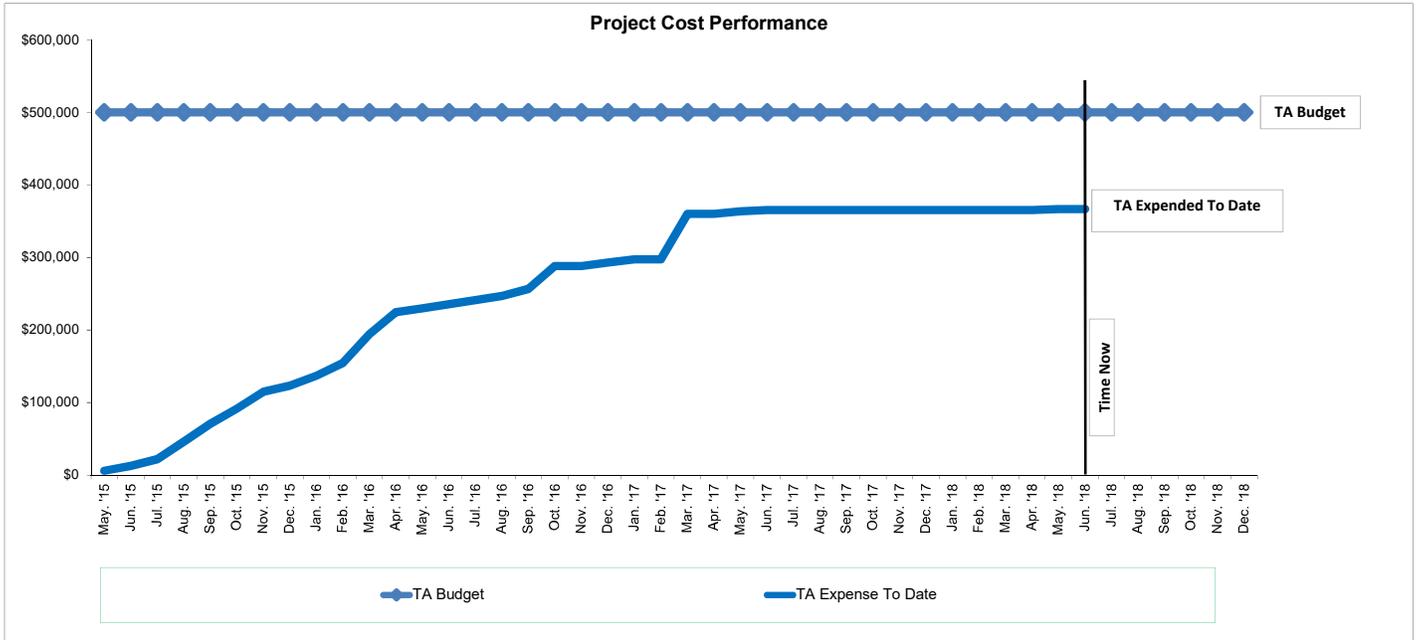
None

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$500,000	\$366,718	\$133,282	\$500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$500,000</b>	<b>\$366,718</b>	<b>\$133,282</b>	<b>\$500,000</b>	<b>\$0</b>

Note: Budget is for PPS phase only.



**Issues:** None

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

**TA Role:** Implementing Agency and Funding Agency

**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 Project Study Report - Project Development Support (PSR-PDS) for the PID phase was completed. 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. The Project is currently in scoping for traffic study. Other environmental and technical studies are currently on hold until traffic scoping is complete.

**Issues:** Delay in issuing baseline schedule due to additional public meetings requested by the City of Burlingame to address potential traffic impact on city's streets.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (8/16)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PSR-PDS	02/18/14	06/30/15	02/18/14	06/30/15	02/18/14	05/22/15
PA&ED	06/01/16	TBD*	06/01/16	TBD*	06/01/16	TBD*

\*Baseline schedule for PA&ED will be developed after traffic scoping is finalized. Traffic scoping is anticipated to complete in Fall 2018.

**Progress**

- This Quarter:**
- (1) Amended the Memorandum of Understanding (MOU) between City of San Mateo and TA for time extension of project schedule.
  - (2) Submitted the draft public update notice to City of Burlingame for review.
  - (3) Continued to review and update additional traffic counts to validate traffic conditions after the opening of the newly constructed US101/Broadway Interchange project north of the project area.
  - (4) Continued to coordinate with the City of Burlingame regarding their land-use data.
  - (5) Continued to update Traffic Analysis Zone (TAZ) data and re-run traffic forecast model.

**Future**

- Activities:**
- (1) Prepare and schedule a community meeting in Fall 2018.
  - (2) Submit traffic forecast modeling work and model validation for Caltrans review.
  - (3) Set baseline schedule when traffic scope is determined.
  - (4) Schedule to meet with City of San Mateo in late August to go over traffic analysis findings and data.
  - (5) Develop traffic forecast with the City to obtain agreed upon methodologies and areas for analysis.

**Issues:** Additional traffic study would potentially impact the project schedule.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$3,500,000	100%	\$1,407,998	40%	\$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>\$1,407,998</b>	<b>40%</b>	<b>\$3,500,000</b>	<b>100%</b>

**Issues:** None

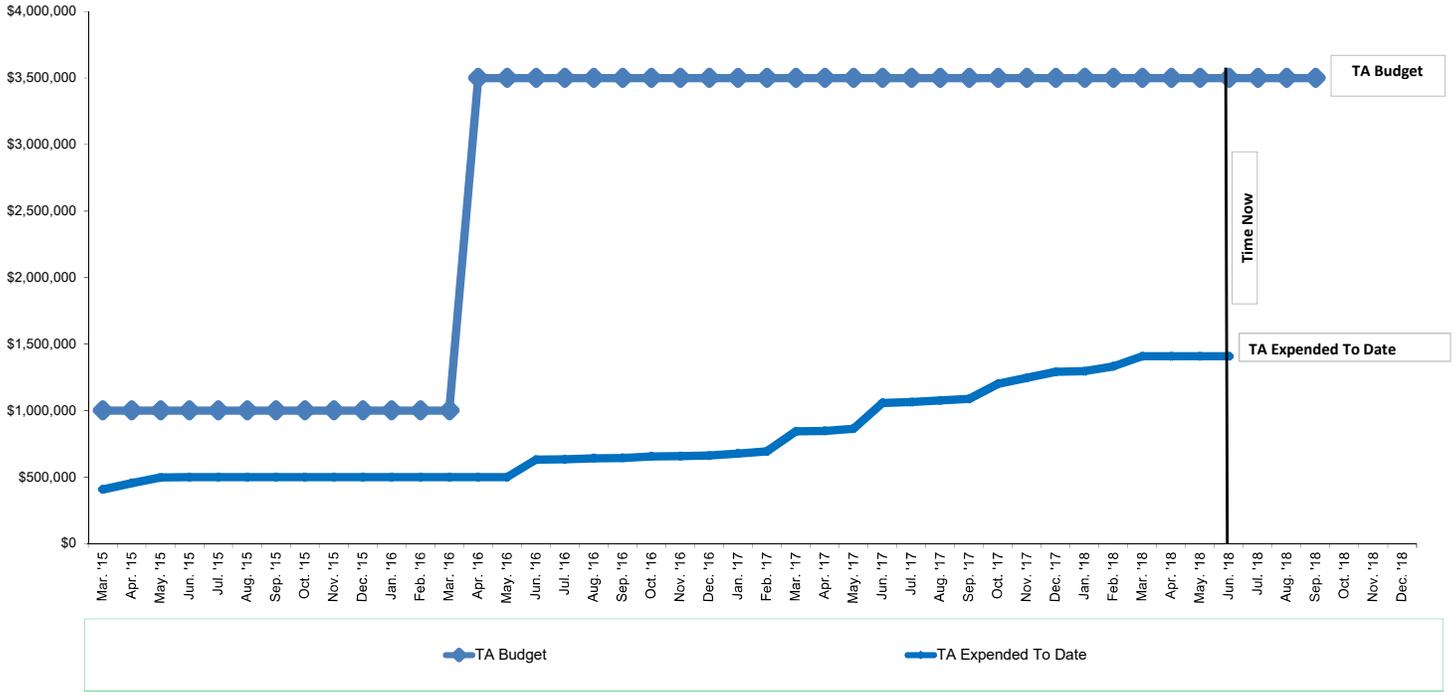
**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$3,500,000	\$1,407,998	\$2,092,002	\$3,500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$3,500,000</b>	<b>\$1,407,998</b>	<b>\$2,092,002</b>	<b>\$3,500,000</b>	<b>\$0</b>

Note: Budget is for PID and PA&ED phases.

**Project Cost Performance**



**Issues:**

Additional traffic studies could result in additional costs.

# 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 proposes to improve traffic operations and to provide a local east-west connection across US 101 for the southern neighborhoods of the South San Francisco.

**Project Status Summary:**

The PSR-PDS documents were approved by Caltrans in August 2015. The City of South San Francisco has selected a consultant team to proceed with the environmental studies (PA&ED phase). A Notice-to-Proceed was issued for PA&ED scope of work in September 2017. Project is currently in preparation of engineering technical studies.

**Issues:**

None

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (9/17)		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	10/30/15
PA&ED	05/15/17	09/15/19	05/15/17	12/31/19	09/22/17	12/31/19
PS&E	01/02/20	01/02/22	03/01/20	03/01/22	03/01/20	03/01/22
Construction	05/01/22	08/01/24	07/01/22	10/01/24	07/01/22	10/01/24

**Progress**

**This Quarter:**

- (1) Developed Funding Agreement Amendment for time extension with City of South San Francisco.
- (2) Revised and submitted Project Purpose & Need.
- (3) Began Public Outreach meetings with the property/business owners.
- (4) Submitted Existing Conditions Memo.
- (5) Continued coordination with PG&E.
- (6) Scheduled the first Environmental Focus Meeting with Caltrans environmental.
- (7) Continued to develop Project Fact Sheets, Open Year Forecasts, and prepare Concept APE Mapping.

**Future Activities**

- (1) Finalize and execute Funding Agreement Amendment 1.
- (2) Continue to develop traffic forecast and analysis, and engineering technical studies.
- (3) Update design alternatives.
- (4) Update 3D Model for project.

**Issues:**

None

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$3,550,000	92%	\$834,862	24%	\$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%	\$33,729	11%	\$300,000	8%
<b>Total</b>	<b>\$3,850,000</b>	<b>100%</b>	<b>\$868,591</b>	<b>23%</b>	<b>\$3,850,000</b>	<b>100%</b>

**Issues:**

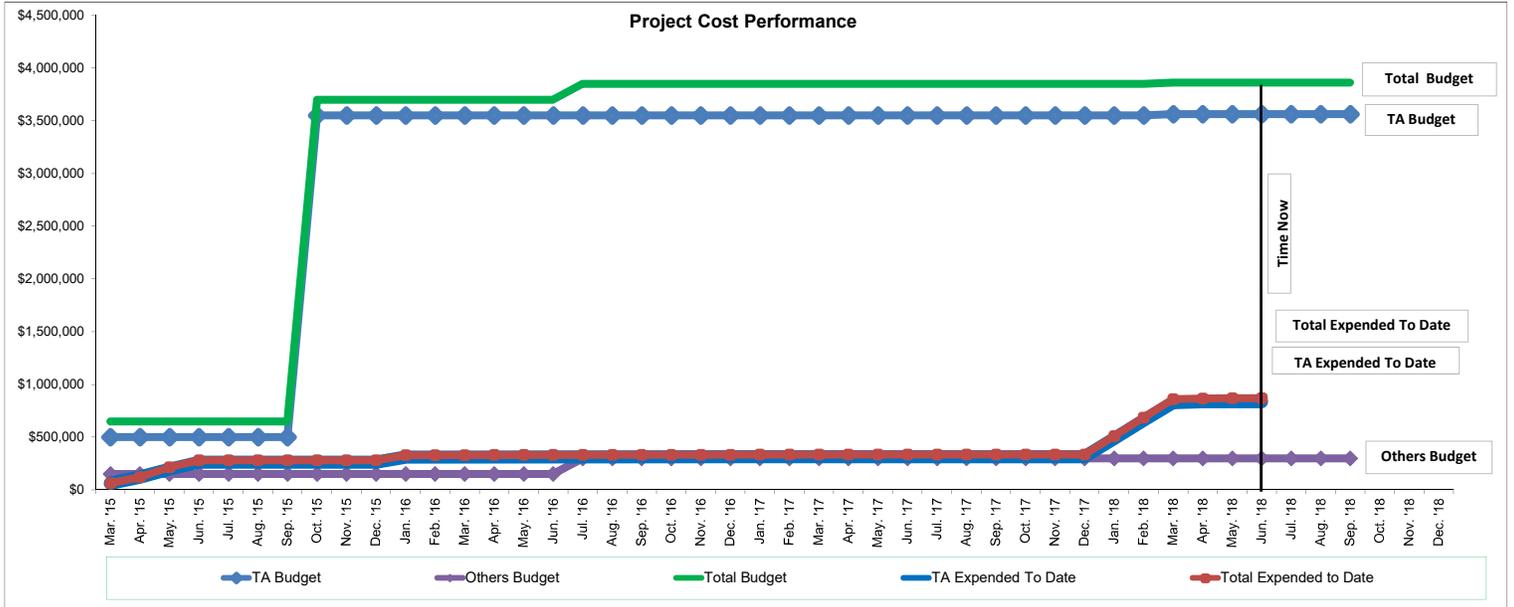
None

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$3,550,000	\$834,862	\$2,715,138	\$3,550,000	\$0
Others	\$300,000	\$33,729	\$266,271	\$300,000	\$0
<b>Total Project</b>	<b>\$3,850,000</b>	<b>\$868,591</b>	<b>\$2,981,409</b>	<b>\$3,850,000</b>	<b>\$0</b>

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



Issues: None

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

TA Role: Funding Agency

Sponsor: City of San Mateo

**Scope:**

This project will convert the existing interchange to a partial cloverleaf interchange, realign and widen on-ramp and off-ramp, and add signalized intersections at ramp termini. The project also includes widening sidewalks and added bike lanes on State Route 82.



**Project**

Caltrans finished 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.

**Status**

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. The Caltrans progress report as of April 2018 noted that the Contractor has completed 99% of the contract work, and 99% of the scheduled time has been used and 91% of budgeted cost has been expended.

**Summary:**

**Issues:**

None

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (1/18)		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	05/04/18	04/17/17	05/04/18

**Progress**

(1) Finished final striping.

**This Quarter:**

- (2) Completed traffic signal and electrical work.
- (3) Began project closeout.

**Future**

**Activities:**

- (1) Obtain final acceptance of the project by Caltrans Maintenance Department.
- (2) Complete project closeout.

**Issues:**

None

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$18,400,000	69%	\$16,968,588	92%	\$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%	\$4,206,620	83%	\$5,050,000	19%
<b>City</b>	\$1,181,535	4%	\$1,166,751	99%	\$1,181,535	4%
<b>Total</b>	<b>\$26,611,535</b>	<b>100%</b>	<b>\$24,321,959</b>	<b>91%</b>	<b>\$26,611,535</b>	<b>100%</b>

**Issues:**

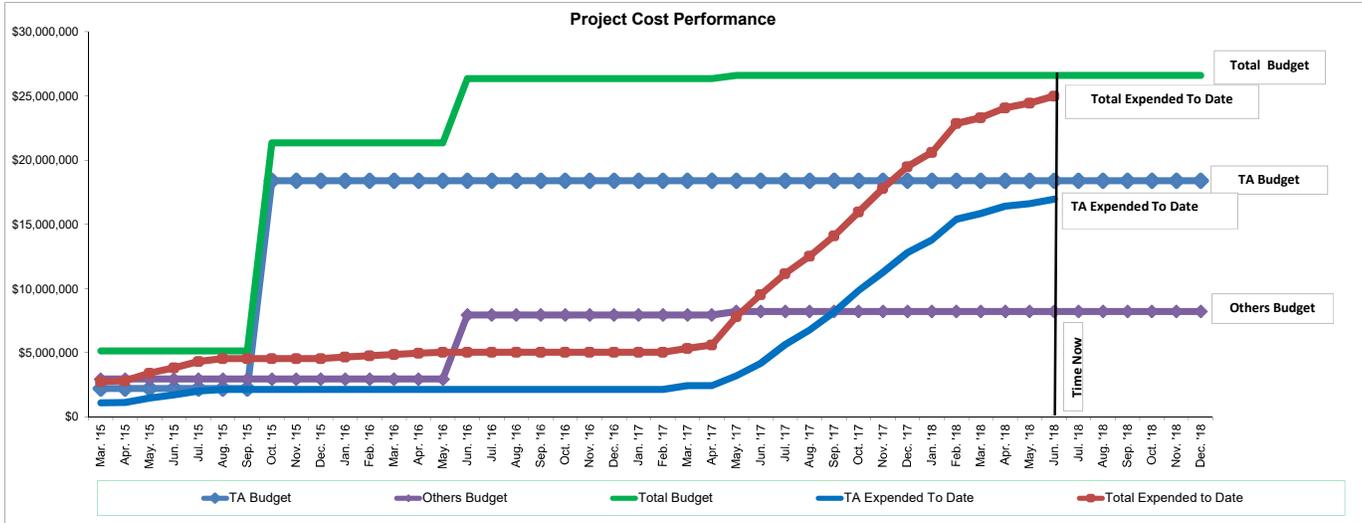
None

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$18,400,000	\$16,968,588	\$1,431,412	\$18,400,000	\$0
Others	\$8,211,535	\$8,011,057	\$200,478	\$8,211,535	\$0
<b>Total Project</b>	<b>\$26,611,535</b>	<b>\$24,979,645</b>	<b>\$1,631,890</b>	<b>\$26,611,535</b>	<b>\$0</b>

Note: Budget is for PA&ED, PS&E, ROW and Construction phases.



**Issues:** None

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# Level 1 Projects Highways

**TA - Level 1 Highway Projects:**

<p><b>00629 - US 101 - MARSH TO SM/SC COUNTY LINE PROJECT (Auxiliary Lanes)</b></p> <p><b>Scope:</b></p> <ol style="list-style-type: none"> <li>1) Prepared PSR, Environmental and PS&amp;E for the construction</li> <li>2) Widened US 101 to add auxiliary lanes in each direction from Marsh Road Interchange in San Mateo County to the Embarcadero Road Interchange in Santa Clara County.</li> <li>3) Widened/ modified various on/off-ramps at four interchanges that lie within the project limits.</li> <li>4) Re-constructed Ringwood Pedestrian Overcrossing to accommodate the auxiliary lanes.</li> <li>5) Installed Intelligent Transportation System (ITS) equipment within the project limits.</li> </ol> <p>Scope was delivered in three segments:                  Segment 1 – US 101 Auxiliary Lanes – Marsh Road to University Avenue (Completed).                  Segment 2 – US 101 Auxiliary Lanes – University Avenue to Embarcadero Road (Completed).                  Segment 3 – US 101 Replacement Landscaping – Embarcadero Road Interchange to Marsh Road Interchange.</p> <p>TA Role: Funding Agency</p> <p><b>Phase:</b> Plant Establishment</p> <p><b>Status:</b> Continued plant establishment period.</p> <p><b>Note:</b> The project has reached substantial completion and the cost of the project was lower than the original budgeted amount. A portion of the remaining funding (\$24.7 M) was returned to the Highway Program for other project use.</p>	<p><b>SMCTA Budget</b> \$12,085,171</p> <p><b>Expended</b> \$10,247,651</p> <p><b>Remaining</b> \$1,837,520</p>
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# **TA – Caltrain Project**

**TA - Caltrain Projects:  
Railroad Grade Separations**

	SMCTA Budget	Expended	Remaining
<p><b>00812 - GRADE SEPARATION PROJECT - 25th Avenue (San Mateo)</b></p> <p><b>Scope:</b> This project uses Measure A funds for the environmental/preliminary engineering, final design and right of way phases of work for a two-track elevated grade separation of 25th Avenue San Mateo County. The extension of 28th and 31st Avenues between El Camino Real and Delaware Street and the relocation of the Hillside Caltrain Station are also included in the project but are being funded from other sources.</p> <p><b>Phase:</b> Construction.</p> <p><b>Status:</b> Construction phase continued. More specifically, the contractor set bridge girders and completed Borel Creek Bridge, completed abutments and columns at Pedestrian Underpass Bridge, completed third party fiber optic conduit protection at 28th Avenue Bridge, and started abutment work at 25th Avenue Bridge. The project team continued various public notifications and outreach meetings with the neighborhoods within and adjacent to project limit. Regular coordination meetings between Contractor, City, Caltrain, SMCTA, Utility companies and stakeholders were on-going.</p>	<p>\$74,000,000</p>	<p>\$33,100,000</p>	<p>\$40,900,000</p>
<p><b>00813 - GRADE SEPARATION STUDY PROJECT - Broadway (Burlingame)</b></p> <p><b>Scope:</b> The Scope of Work involves preliminary engineering and environmental work needed prior to performing final design and construction of the overall Project. The phase includes advancing the preliminary design to an approximate 35% level and to obtain environmental clearance, which will be sought under both NEPA and CEQA in order to maximize potential for funding subsequent phases of the project.</p> <p><b>Phase:</b> Preliminary Engineering/Environmental (PE/ENV)</p> <p><b>Status:</b> The project team continued data collection/fieldwork for wetlands, floodplains, cultural resources, hazmat existing conditions and continued technical studies for the environmental clearances. The project team analyzed optimal vertical roadway profile with consideration of minimizing Right-of-Way property impacts. The project team began traffic analysis to determine horizontal profile and lane configuration. The project team prepared the Community Outreach plan and started planning for the first community outreach meeting.</p>	<p>\$4,850,000</p>	<p>\$1,435,821</p>	<p>\$3,414,179</p>

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

	SMCTA Budget	Expended	Remaining
<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 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.</p> <p><b>Status:</b> The project team continue to hold stakeholder meetings with AECOM and are working on developing alternatives. AECOM held project team meetings on April 17, 2018 and May 15, 2018. Topics discussed included revisions to the Outreach Plan and Design Criteria, feedback from stakeholder meetings, review of alternatives, and preparation for the first Community Meeting.</p>	\$650,000	\$32,924	\$617,076
<p><b>00815 - GRADE SEPARATION STUDY PROJECT - Ravenswood Avenue (Menlo Park)</b></p> <p><b>Scope:</b> This is a planning study, led by the City of Menlo Park in close coordination with Caltrain, to explore the feasibility of different alternatives for the grade separation of Ravenswood Avenue from the Caltrain Corridor in Menlo Park. 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 previous studies with the development of a preferred alternative.</p> <p><b>Phase:</b> Planning.</p> <p><b>Status:</b> City Council Rail Subcommittee public meeting was held on April 17, 2018 where City staff presented current status of project and recent public comments received regarding, a fully raised (viaduct) alternative. City staff received direction from Subcommittee to move forward with current scope (Alternative A, which provides for an undercrossing at Ravenswood Avenue and keeps Oak Grove, Glenwood and Encinal Avenues open as existing) and provide further information necessary to study the fully elevated alternative. City staff presented Subcommittee information at the City Council meeting on May 8, 2018. City Council approved motion to move forward with Alternative A. City Council also requested City staff to prepare a financial assessment of a trench/tunnel and a conceptual design, noise, tree and visual impact assessment of a fully elevated alternative. Continued outreach to potentially impacted property and business owners. Performed Project Team check-in calls, meetings and updated the project web page: <a href="http://www.menlopark.org/ravenswood">www.menlopark.org/ravenswood</a>. City contributions are covering the additional work efforts as Measure A funding is fully expended.</p>	\$750,000	\$750,000	\$0

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

San Mateo County Transportation Authority

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

Sponsor	Project Name	Funded Phase(s)	Project Status	Award Date	Measure A Funds	Measure A Expended	Measure A Remaining
Belmont	Belmont Ped/Bike Improvements Project - Ralston Ave. Corridor	Environmental, final design and construction	Final design was at 65% completion.	Mar 2016	\$882,036	\$0	\$882,036
Burlingame	California Drive/Bellevue Avenue Bike-Pedestrian Roundabout	Preliminary design/environmental, final design, right-of-way, construction	Construction phase began May 2018. Stage 1 of 4 work continued and included demolition of existing facilities, construction of new roundabout island, southbound lanes, landscaping area, underground utilities, and reconfigured sidewalks fronting the businesses along California Drive necessitated by the roundabout.	Apr 2014	\$1,000,000	\$218,345	\$781,655
Daly City	Enhanced Pedestrian and Bicycle Visibility Project	Final design and construction	The City awarded project design contract to Pelagic Engineering, Inc. on April 23, 2018. A pre-construction kick-off meeting was held on May 24, 2018. The City was coordinating a Notice to Proceed (NTP) with the contractor.	Mar 2016	\$337,500	\$43,000	\$294,500
Daly City	John Daly Boulevard Streetscape Improvements	Construction	Construction was completed August 2017. The City continued collaboration with contractor to execute final change orders and punch list items.	Apr 2014	\$1,000,000	\$1,000,000	\$0
Menlo Park	Haven Avenue Streetscape Project	Preliminary design/environmental, final design and construction	Quarterly report for FY 18 Q4 is pending from Sponsor.	Apr 2014	\$170,000	\$29,278	\$140,722
Menlo Park	Middle Avenue Pedestrian and Bicycle Crossing	Preliminary engineering/environmental	Project team continued stakeholder and consultant coordination. The City was preparing a request letter to the Transportation Authority (TA) for an amendment to the original agreement to allow for a time extension to complete the Scope of Work.	Mar 2016	\$490,000	\$196,299	\$293,701
Portola Valley	Alpine Road at Arastradero Road and Portola Road at Farm Road Shoulder Widening	Planning, preliminary design/environmental, final design and construction	Construction was completed August 2017. The City continued project close-out and final invoicing.	Apr 2014	\$309,500	\$309,500	\$0
Redwood City	Highway 101 Pedestrian and Bicycle Undercrossing	Construction	Utility relocation for PG&E completed June 2018. AT&T utility relocation concluded. However, AT&T indicated another 3-6 months was needed to finish cutting over to the new conduit. Due to utility relocation schedule and design changes required by Caltrans, project construction has been rescheduled for early 2019.	Mar 2016	\$500,000	\$0	\$500,000
Redwood City	Hudson Street Bicycle and Pedestrian Improvements	Preliminary engineering, final design and construction	Measure A funded scope of work was previously reported as completed. Additional scope was added due to damaged Caltrans infrastructure requiring coordination and approvals to adjust project design. The project is nearing completion and the amendment for a term extension to the existing funding agreement was routed for final execution.	Jul 2011	\$532,640	\$532,640	\$0
Redwood City	Kennedy Safe Routes to School Project	Construction	Final design was completed. An agreement with the School District was concluded to cover project construction activities on the school site. City staff continued to finalize construction bid package.	Mar 2016	\$500,000	\$0	\$500,000
Redwood City	Safe Routes to Schools	Final design and construction	City awarded construction contract to Sposeto Engineering, Inc. Construction phase commenced on June 25, 2018.	Apr 2014	\$976,780	\$135,430	\$841,350
San Bruno	El Camino Real/Angus Ave Intersection Improvements	Final design and construction	Project team continued revision of final design for resubmission to Caltrans.	Apr 2014	\$300,000	\$47,204	\$252,796
San Bruno	Transit Corridor Pedestrian Connection Project	Design and construction	City staff has selected a design consultant and completed negotiations. The project team was preparing the design contract for City Council approval at the end of August 2018.	Jul 2011	\$350,000	\$0	\$350,000

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

Sponsor	Project Name	Funded Phase(s)	Project Status	Award Date	Measure A Funds	Measure A Expended	Measure A Remaining
San Mateo	Hillsdale/101 Bridge Project	Preliminary design/ environmental	City continued collaboration with Caltrans to complete review and sign off on environmental clearance.	Apr 2014	\$875,000	\$838,481	\$36,519
San Mateo	North San Mateo Drive Pedestrian and Bicycle Improvement Project	Construction	Final design was nearing 95% completion with traffic signal and green infrastructure work.	Mar 2016	\$200,000	\$0	\$200,000
San Mateo County	Complete the Gap Trail	Preliminary engineering, environmental and final design	Design team submitted Caltrans encroachment permit application for review. Concurrently, County Public Works and San Francisco Public Utilities Commission (SFPUC) were reviewing final design plans.	Mar 2016	\$300,000	\$118,260	\$181,741
San Mateo County	Midcoast Multimodal Trail	Preliminary design/ environmental and final design	Measure A funded phase of work completed. The County was coordinating project close-out and final invoicing.	Apr 2014	\$500,000	\$346,892	\$153,108
South San Francisco	Sunshine Gardens Safety and Connectivity Improvements Project	Preliminary engineering, environmental, final design and construction	Final design was at 65% completion. City staff held a project outreach community meeting, July 2018.	Mar 2016	\$504,000	\$94,261	\$409,739



## 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.

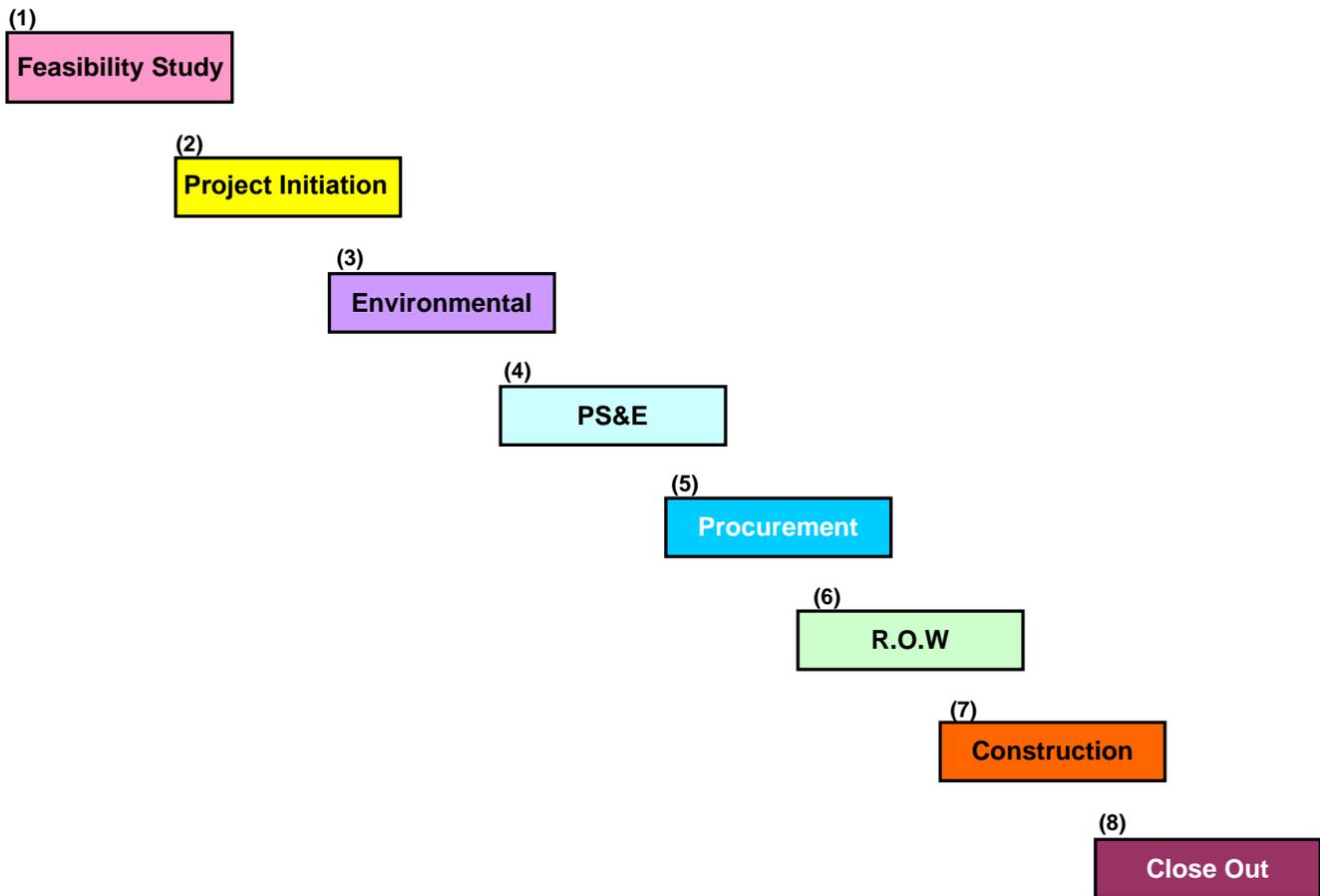
**PSR** – Project Study Report – A report providing conceptual project information including project scope, environmental assessment, feasibility, scope, costs and schedule.

**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

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>