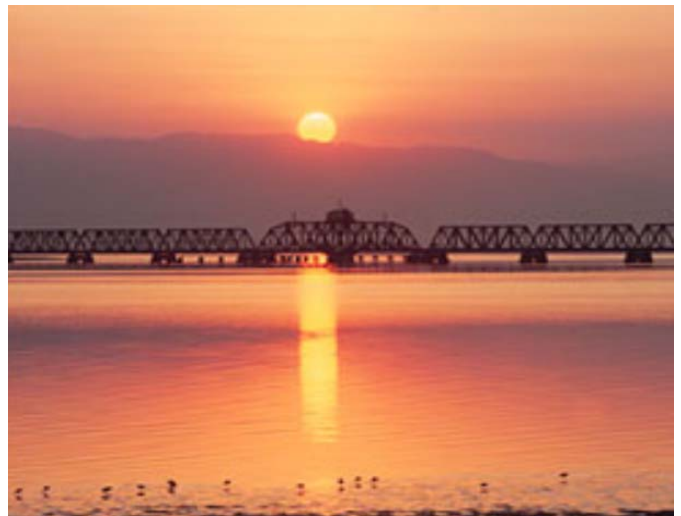


# Capital Projects

## Quarterly Status Report

**3rd Quarter FY2017 : January 1 - March 31, 2017**

**Report prepared for the June 1, 2017 TA Board Meeting**







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= Project On-Hold



= No Issues



= Notable Issues



= Significant Issues

# Level 2 Projects Highways

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

**Scope:** The project will reconstruct the existing US 101/Broadway Interchange to include new Broadway Overcrossing with a wider structure and new ramp connections to US 101 to address traffic congestion and safety concerns. TA is 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. The project is currently under construction. Construction phase includes right-of-way and utility relocation activities, and one-year plant establishment period for planting on the City right-of-ways. Planting on Caltrans right-of-way will be placed on a subsequent contract following completion of the current construction contract.



**TA Role:** Funding Agency, and design support during construction.  
**Sponsor:** City of Burlingame

**Project Status Summary:** PID, PA&ED, and PS&E phases are complete. The project is currently in Stage 3 and 4 construction. Caltrans is performing construction administration and inspection, and reported that the contractor has completed approximately 83% of the construction contract work, 79% of the scheduled time has been used and 75% budgeted cost has been expended. In February 2017, the TA Board of Directors programmed and allocated \$7.5 million of additional Measure A funding to the Project for additional right-of-way, utility relocation, construction management, design support during construction and subsequent landscape contract.

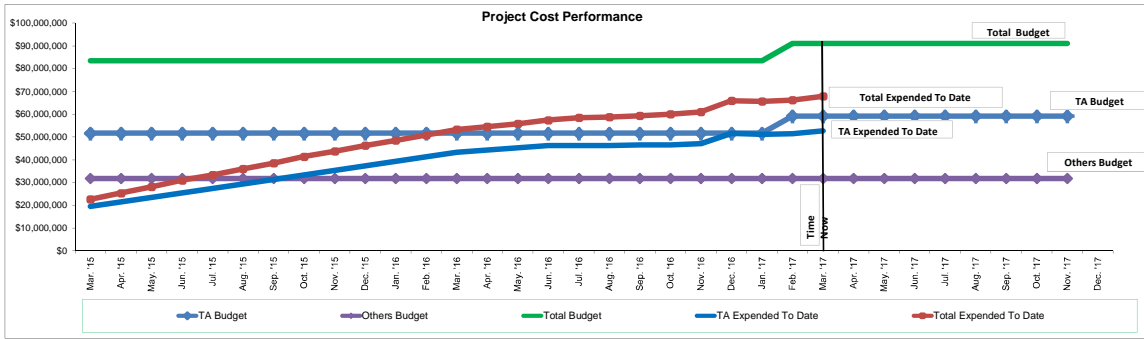
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$59,187,000	\$52,684,156	\$6,502,844	\$59,187,000	\$0
Others	\$31,831,000	15,187,596	\$16,643,404	\$31,831,000	\$0
<b>Total Project</b>	<b>\$91,018,000</b>	<b>\$67,871,751</b>	<b>\$23,146,249</b>	<b>\$91,018,000</b>	<b>\$0</b>

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



**Issues:** Issues associated with right-of-way, temporary construction easements, joint utility trench, new restrictions on recycled aggregate material instituted by Water Board and discovery of buried man made objects will potentially add costs to the project.

**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	11/20/17

Note: The current schedule does not include the subsequent landscaping period that will commence after construction completion.

**Progress**

- This Quarter:**
- Installed curb, gutter, sidewalk at Bayshore Highway and Airport Boulevard.
  - Installed water line and bio-swale.
  - Continued work on electrical and fiber optic, sanitary sewer and drainage facilities.
  - Prepared subgrade for Airport Boulevard and pedestrian walkways.
  - Installed "City of Burlingame" lettering on Gateway Walls and planter.
  - Removed falsework from southbound ramp structure.
  - Installed barriers and ornamental railing and retaining wall backfill.

**Future Activities:**

- Continue US 101 southbound on-ramp and northbound on-ramp construction.
- Install concrete barrier and metal beam guard rail on northbound US 101 on-ramp, Airport Boulevard and pedestrian path.
- Construct miscellaneous pavement areas and roadway sections at the vicinity of Broadway, Bayshore Highway and Rollins Road.
- Prepare subgrade for Airport Boulevard and pedestrian walkways.
- Construct asphalt concrete ditch and concrete barriers at US 101 southbound.
- Perform traffic switch at the ramp intersections.
- Install traffic striping at Broadway and Bayshore Highway.

**Issues:** Normal inclement weather may affect construction activities.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$59,187,000	65%	\$52,684,156	89%	\$59,187,000	65%
<b>Others</b>						
<b>Federal</b>	\$3,613,000	4%	\$1,648,670	46%	\$3,613,000	4%
<b>State</b>	\$23,218,000	26%	\$11,540,687	50%	\$23,218,000	26%
<b>City</b>	\$5,000,000	5%	\$1,998,239	40%	\$5,000,000	5%
<b>Total</b>	<b>\$91,018,000</b>	<b>100%</b>	<b>\$67,871,751</b>	<b>75%</b>	<b>\$91,018,000</b>	<b>100%</b>

**Issues:** In February 2017, additional Measure A funding was allocated to the Project to cover potential budget increase associated with right-of-way, utility relocation, construction management, design support during construction and subsequent landscape contract.

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

**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.



**TA Role:** Funding Agency and Technical Support  
**Sponsor:** City of Menlo Park

**Project Status Summary:** TA developed the Project Study Report (PSR) in May 2005. The Environmental documents 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 Construction phase of the project. Project was advertised on September 26, 2016. The project bid was opened on December 16, 2016. Construction contract was awarded on February 10, 2017.

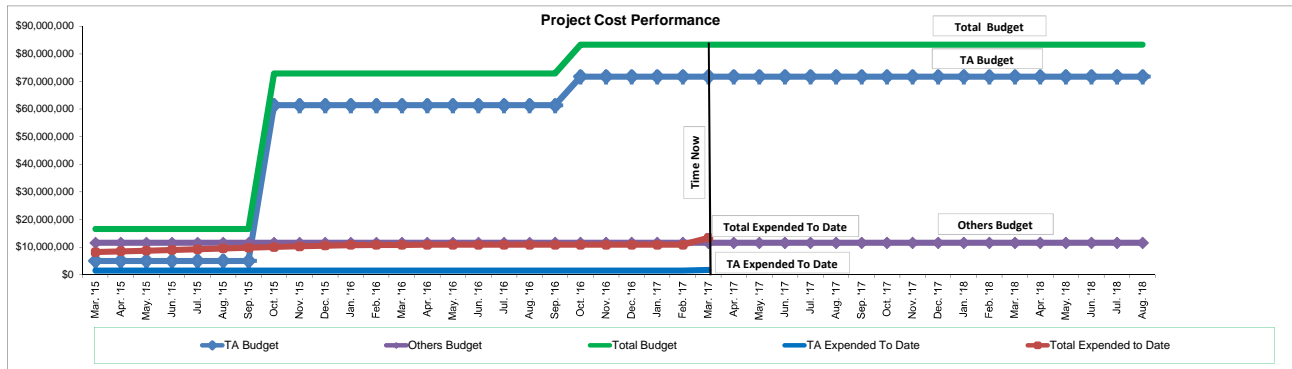
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$71,800,000	\$1,782,247	\$70,017,753	\$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>\$13,334,247</b>	<b>\$70,017,753</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:** TA funding for this project includes a \$10.4 million Measure A loan that is scheduled to be reimbursed with STIP funding beginning year 2020.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (3/15)		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	07/26/18	05/08/17	07/26/18

**Progress This Quarter:** (1) Construction contract was awarded to the low bidder.  
 (2) A pre-construction meeting was held in March 22, 2017.

**Future Activities:** (1) Conduct project kickoff/ partnering meeting with Caltrans, project sponsors and construction team.  
 (2) Groundbreaking ceremony is scheduled for May 16, 2017.  
 (3) Mobilize for construction.

**Issues:** None

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$71,800,000	86%	\$1,782,247	2%	\$71,800,000	86%
<b>Others</b>						
<b>Federal</b>		0%		0%		0%
<b>State</b>	\$11,552,000	14%	\$11,552,000	100%	\$11,552,000	14%
<b>City</b>		0%		0%		0%
<b>Total</b>	<b>\$83,352,000</b>	<b>100%</b>	<b>\$13,334,247</b>	<b>16%</b>	<b>\$83,352,000</b>	<b>100%</b>

**Issues:** None

**000768 - U.S. 101 - WOODSIDE ROAD INTERCHANGE PROJECT**

**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 in both directions, reconstruct ramp connections between Woodside Road and US 101, and eliminate the existing five-legged intersection at Broadway and Woodside Road.



**TA Role:** Funding Agency  
**Sponsor:** Redwood City (Also Implementing Agency)

**Project Status Summary:** Caltrans approved the Environmental Document and Final Project Report. The PA&ED phase is now completed. In January 2017, the TA Board of Directors allocated additional Measure A funds to support the PS&E phase, and the City of Redwood City has committed \$610,000 of matching funds. The Project is currently in preparation of the PS&E and right-of-way support phases. To initiate the next phase, the Sponsor is in the process of establishing a Funding Agreement with the TA, a Cooperative Agreement with Caltrans, and forming a PS&E design and support team.

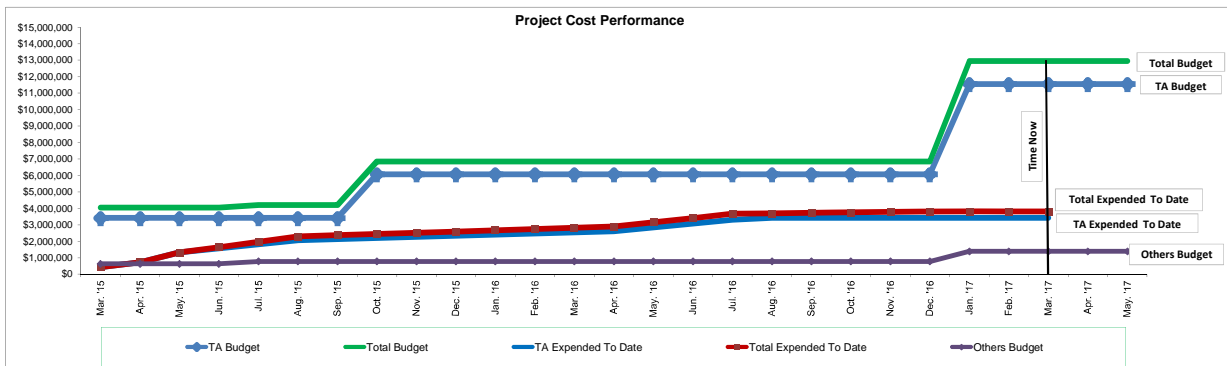
**Issues:** None

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$11,560,000	\$3,420,000	\$8,140,000	\$11,560,000	\$0
Others	\$1,394,000	\$396,924	\$997,076	\$1,394,000	\$0
<b>Total Project</b>	<b>\$12,954,000</b>	<b>\$3,816,924</b>	<b>\$9,137,076</b>	<b>\$12,954,000</b>	<b>\$0</b>

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



**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	TBD	TBD	TBD	TBD	TBD	TBD

**Progress This Quarter**

- (1) Prepared a Funding Agreement for the PS&E phase.
- (2) Prepared a Caltrans Cooperative Agreement.
- (3) Negotiated scope and fee with design consultant.

**Future Activities:**

- (1) Execution of a Funding Agreement.
- (2) Execution of a Caltrans Cooperative Agreement.
- (3) Finalize consultant's design scope and fee.
- (4) Conduct preliminary right-of-way scoping meeting.

**Issues:** Schedule for PS&E phase will be determined upon execution of a Funding Agreement and a Cooperative Agreement.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$11,560,000	89%	\$3,420,000	30%	\$11,560,000	89%
<b>Others</b>						
<b>Federal</b>	\$0	0%	\$0	0%	\$0	0%
<b>State</b>	\$0	0%	\$0	0%	\$0	0%
<b>City</b>	\$1,394,000	11%	\$396,924	28%	\$1,394,000	11%
<b>Total</b>	<b>\$12,954,000</b>	<b>89%</b>	<b>\$3,816,924</b>	<b>29%</b>	<b>\$12,954,000</b>	<b>89%</b>

**Issues:** None



**000782 - SAN PEDRO CREEK BRIDGE REPLACEMENT PROJECT**

**Scope:** The project replaces the existing San Pedro Creek Bridge on Route 1 with a longer and higher structure. The project also widens 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.



**TA Role:** Funding Agency, and Technical Support during construction.  
**Sponsor:** City of Pacifica

**Project Status Summary:** The Construction Phase that was administrated by Caltrans is now complete. Off-site Mitigation is also complete. Project is currently in the plant establishment and biological monitoring phase. Environmental permits issued for the Project require an additional 3-year monitoring period after the completion of plant establishment. The additional monitoring will be performed under a separate contract.

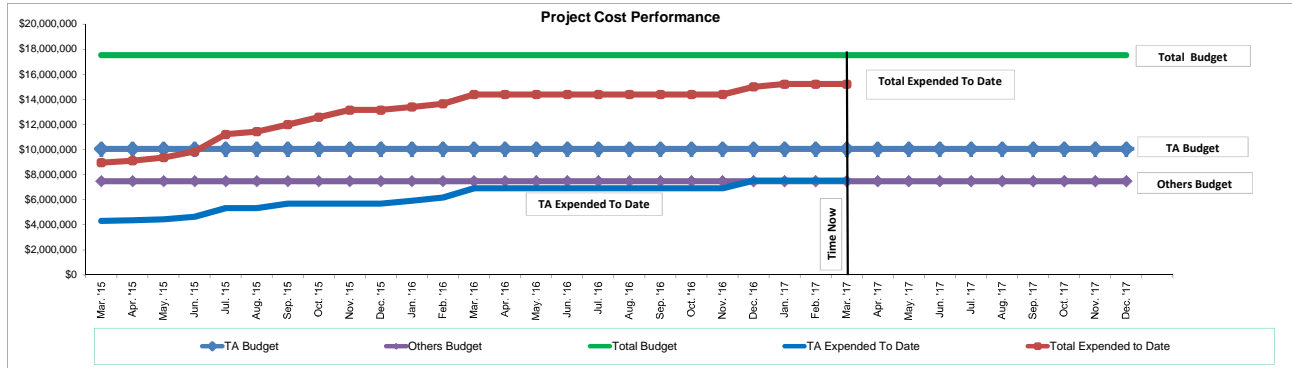
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$10,054,000	\$7,534,037	\$465,963	\$8,000,000	\$2,054,000
Others	\$7,790,381	\$7,691,240	\$99,141	\$7,790,381	\$0
<b>Total Project</b>	<b>\$17,844,381</b>	<b>\$15,225,277</b>	<b>\$565,104</b>	<b>\$15,790,381</b>	<b>\$2,054,000</b>

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



**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (3/15)		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	10/15/15	11/30/17	10/15/15	11/30/17	10/15/15	11/30/17
Biological Monitoring	11/30/17	11/30/20	11/30/17	11/30/20	11/30/17	11/30/20

**Progress** (1) Conducted plant establishment and biological monitoring.

**This Quarter:**

**Future Activities** (1) Continue plant establishment and biological monitoring.

**Issues:**

Biological monitoring was added to the scheduled this quarter.

**Funding :**

	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$10,054,000	56%	\$7,534,037	94%	\$8,000,000	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>\$15,225,277</b>	<b>96%</b>	<b>\$15,790,381</b>	<b>100%</b>

**Issues:** None

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

**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.



**TA Role:** Funding Agency / Co-Implementer / Co-Sponsor  
**Sponsors:** C/CAG and TA

**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 staffs (located in the vicinity of the Project limits) about the Project and the potential benefits and impacts.

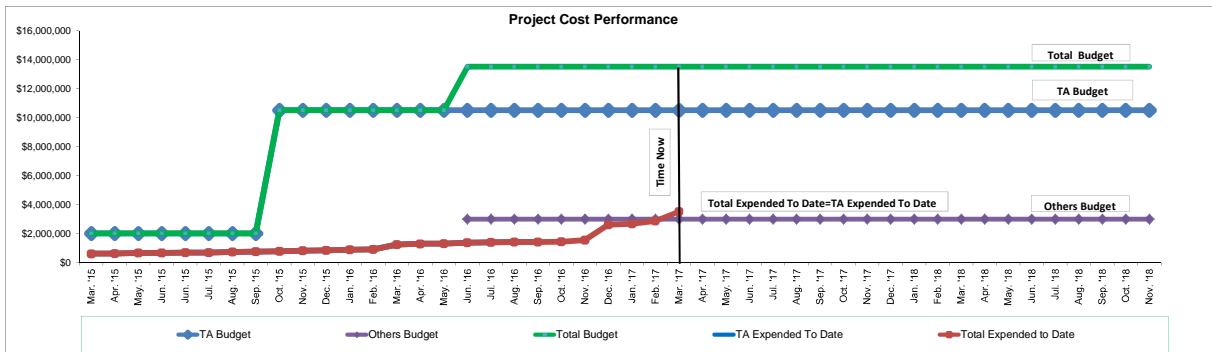
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$10,500,000	\$3,509,714	\$6,990,286	\$10,500,000	\$0
Others	\$3,000,000	\$0	\$0	\$3,000,000	\$0
<b>Total Project</b>	<b>\$13,500,000</b>	<b>\$3,509,714</b>	<b>\$9,990,286</b>	<b>\$13,500,000</b>	<b>\$0</b>

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



**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	12/05/13	05/15/15	12/05/13	05/04/15
Supplemental PSR-PDS	02/03/16	06/01/16	02/03/16	06/01/16	02/03/16	06/03/16
PA&ED	06/22/16	10/24/18	06/22/16	10/24/18	06/22/16	11/14/18

- Progress This Quarter**
- (1) Held meetings in February 2017 at three locations: San Mateo, Redwood City and San Carlos.
  - (2) Conducted meeting with Metropolitan Transportation Commission on February 13, 2017.
  - (3) Conducted Project Management Team meeting on February 16, 2017 to determine the timeline for selection of preferred alternative.
  - (4) Continue to work on traffic studies, forecasts and modeling.
  - (5) Continue work on environmental studies: biological studies, noise study, Geotechnical Report, Natural Environmental Study Report.
  - (6) Continue work on cultural resource studies.
  - (7) Completed draft community impact analysis, and land use and growth studies.
  - (8) Finalized Geometric Plans for project alternatives.
  - (9) Began preparation of draft Storm Water Data Report.
  - (10) Continued on structures Advanced Planning Study.

- Future Activities:**
- (1) Continue to work on traffic studies, forecasts and modeling.
  - (2) Continue work on environmental studies and other technical studies.
  - (3) Conduct public meetings with Cities in the vicinity of the Project.
  - (4) Prepare for community meeting scheduled for late May through early June 2017.

**Issues:** None.

**Funding:**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$10,500,000	78%	\$3,509,714	33%	\$10,500,000	78%
<b>Others</b>	\$0	0%				
<b>Federal</b>	\$0	0%	\$0	0%	\$0	0%
<b>State</b>	\$0	0%	\$0	0%	\$0	0%
<b>Private</b>	\$3,000,000	22%	\$0	0%	\$3,000,000	22%
<b>Total</b>	<b>\$13,500,000</b>	<b>100%</b>	<b>\$3,509,714</b>	<b>26%</b>	<b>\$13,500,000</b>	<b>100%</b>

\$3M from SAMCEDA funding agreement

**Issues:** None.

**000792 - SR 92 / DELAWARE INTERCHANGE PROJECT**

**Scope:** Preliminary Planning Study to review options for improving traffic operations at the State Route 92/ Delaware interchange to address congestion. The study limits on SR 92 begins just west of the El Camino Real (SR 82) interchange and extends to the US 101/SR 92 interchanges.



**TA Role:** Implementing and Funding Agency  
**Sponsor:** C/CAG

**Project Status Summary:** The Preliminary Planning Study (PPS) commenced on May 5, 2015. The Kick off meeting was held on May 19, 2015. The Purpose and Need Statement was approved in November 2015. The PPS final report was submitted for review on June 22, 2016. The PPS phase is completed and now closed. The project is located in close proximity to the US 101 interchange and is likely to be included in the US 101/ SR 92 Interchange Project.

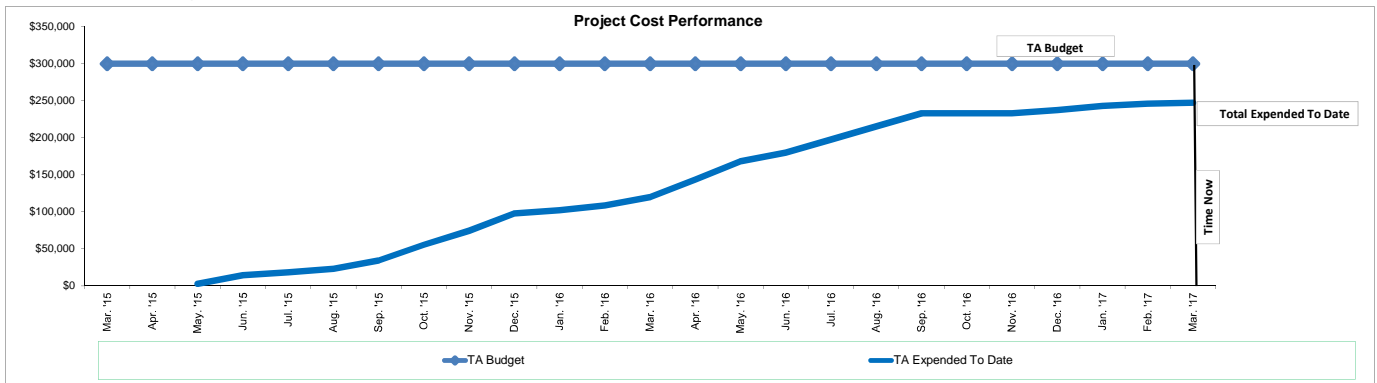
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$300,000	\$247,392	\$0	\$247,392	\$52,608
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$300,000</b>	<b>\$247,392</b>	<b>\$0</b>	<b>\$247,392</b>	<b>\$52,608</b>

Note: Budget for PPS phase only.



**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	09/01/16
Closeout	09/15/16	01/15/17	09/15/16	01/15/17	09/15/16	01/15/17

**Progress** 1. Project closeout.

**This Quarter:**

**Future Activities** None

**Issues:** This will be the last quarterly report for the project.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$300,000	100%	\$247,392	100%	\$247,392	100%
Others						
Federal		0%		0%		0%
State		0%		0%		0%
City		0%		0%		0%
<b>Total</b>	<b>\$300,000</b>	<b>100%</b>	<b>\$247,392</b>	<b>100%</b>	<b>\$247,392</b>	<b>100%</b>

**Issues:** None.

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

**Scope:** Safety and mobility improvement study 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 .



**TA Role:** Implementing and Funding Agency  
**Sponsor:** County of San Mateo

**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. The project is currently in scoping phase for the PEER phase.

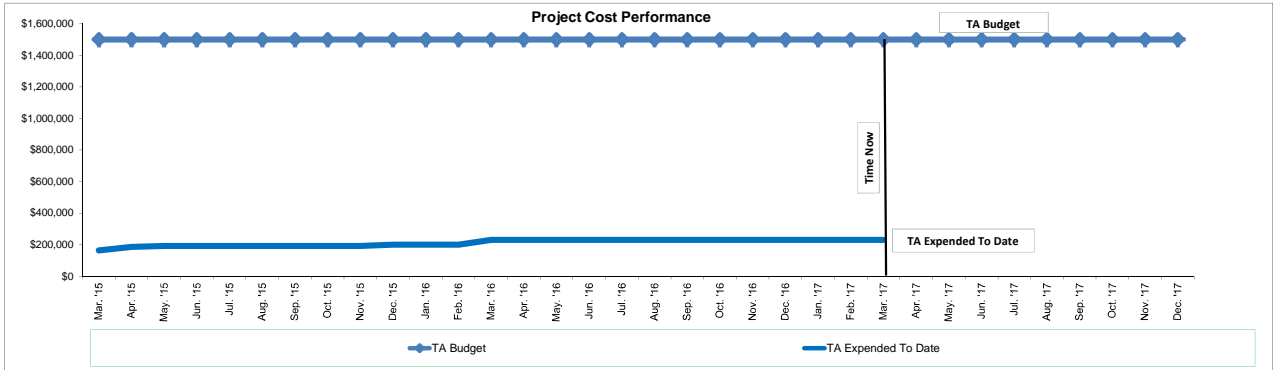
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$1,500,000	\$231,171	\$1,268,829	\$1,500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$1,500,000</b>	<b>\$231,171</b>	<b>\$1,268,829</b>	<b>\$1,500,000</b>	<b>\$0</b>

Note: Budget is for PPS and PEER phase.



**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

**Progress This Quarter** (1) Finalized PEER scope of work for PID phase.  
 (2) Conducted Project coordination meeting with County of San Mateo staff and design consultant on March 17, 2017.  
 (3) Developed a Memorandum of Understanding (MOU) between TA and County of San Mateo.

**Future Activities** (1) Conduct Project coordination conference call with PG&E.  
 (2) Finalize MOU with County of San Mateo.  
 (3) Issue a Notice-to-Proceed to design consultant.

**Issues:** Schedule for PEER phase will be included after TA establishes a MOU with San Mateo and Caltrans.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$1,500,000	100%	\$231,171	15%	\$1,500,000	100%
Others						
Federal		0%		0%		0%
State		0%		0%		0%
City		0%		0%		0%
<b>Total</b>	<b>\$1,500,000</b>	<b>100%</b>	<b>\$231,171</b>	<b>15%</b>	<b>\$1,500,000</b>	<b>100%</b>

**Issues:** None.

**000795 - U.S. 101 - HOLLY STREET INTERCHANGE PROJECT**

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



**TA Role:** Funding Agency  
**Sponsor:** San Carlos (also Implementing Agency)

**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 has commenced since July 2015. The 65% design was submitted to Caltrans in November 2015. The 95% Civil plans are completed and submitted in August 2016. Caltrans' review comments on 95% Civil package was provided in November 2016. 95% Structural PS&E package was submitted to Caltrans in February 2017. Work is on-going for 100% Civil and Structural PS&E submittal.

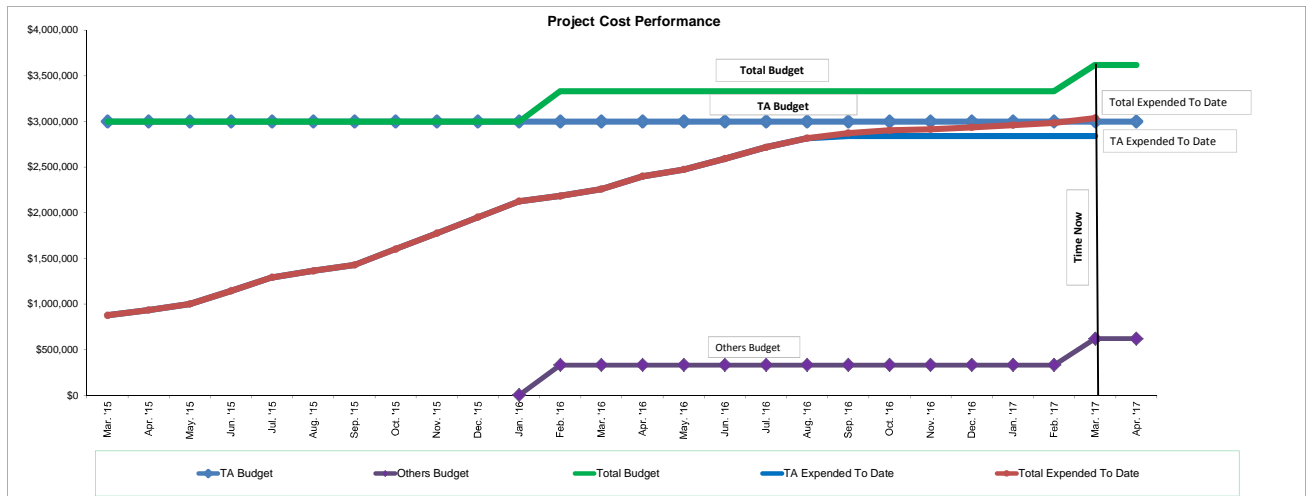
**Issues:** None

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$3,000,000	\$2,842,228	\$0	\$2,842,228	\$157,772
Others	\$619,408	\$195,742	\$423,666	\$619,408	\$0
<b>Total Project</b>	<b>\$3,619,408</b>	<b>\$3,037,970</b>	<b>\$423,666</b>	<b>\$3,461,636</b>	<b>\$157,772</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.



**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	04/30/17
Right of Way	07/30/15	12/30/16	07/30/15	12/30/16	07/30/15	04/30/17

- Progress This Month:**
- (1) Prepared retaining walls and barriers design.
  - (2) Updated intersection details.
  - (3) Reviewed Caltrans comments on project specifications.
  - (4) Performed right-of-way negotiations and acquisitions, and utility relocation process.
  - (5) Performed land survey.
  - (6) Designed for smart corridor system including preliminary cost estimate.
  - (7) Coordinated with utility companies (PG&E and California Waters) for utility relocations.
  - (8) Responded to Caltrans drainage comments.

**Future Activities:** (1) Continue on 100% Civil and Structural PS&E submittal.

**Issues:** Delay in PS&E submittal and Right-of-Way Certification.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$3,000,000	83%	\$2,842,228	100%	\$2,842,228	82%
Others						
Federal		0%		0%		0%
State		0%		0%		0%
City	\$619,408	17%	\$195,742	32%	\$619,408	18%
<b>Total</b>	<b>\$3,619,408</b>	<b>100%</b>	<b>\$3,037,970</b>	<b>88%</b>	<b>\$3,461,636</b>	<b>100%</b>

**Issues:** \$16.2 M was allocated for the construction phase of the Project conditioned upon the completion of design. Funding and budget will be updated once the condition is met.

**000796 - I-380 CONGESTION IMPROVEMENTS**

**Scope:** Preliminary Planning Study (PPS) to identify improvements to address congestion on I-380 corridor between I-280 and US 101.



**TA Role:** Implementing and Funding Agency  
**Sponsor:** City of San Bruno and City of South San Francisco

**Project Status Summary:** The Preliminary Planning Study (PPS) was completed. The PPS identified the short-term and long-term implementation strategies that meet the purpose and need of the project while providing overall corridor benefits. Currently, there is no commitment to carry any short-term and long-term improvements to the next phase. The project is currently in closeout of the PPS phase.

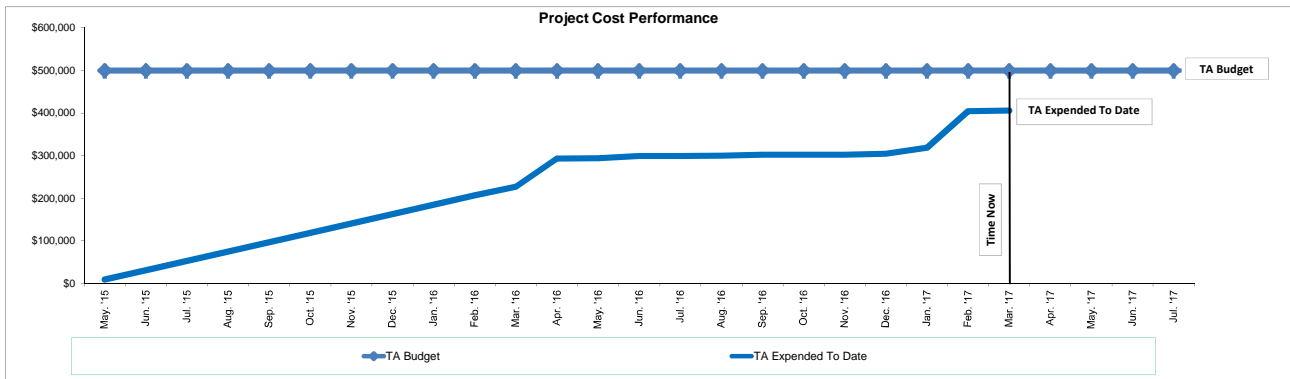
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$500,000	\$405,828	\$0	\$405,828	\$94,172
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$500,000</b>	<b>\$405,828</b>	<b>\$0</b>	<b>\$405,828</b>	<b>\$94,172</b>

Note: Budget is for PPS phase only.



**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (3/15)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PPS	03/17/15	07/07/16	03/17/15	07/07/16	03/17/15	07/18/16
Project Closeout	03/10/17	07/10/17	03/10/17	07/10/17	03/10/17	07/10/17

**Progress** (1) Coordinated with Cities to determine sponsorship and planning for subsequent phase of the Project.

**This Quarter:**

**Future Activities** (1) Prepare final report.  
 (2) Closeout of PPS.

**Issues:** This will be the last quarterly report for this Project.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$500,000	100%	\$405,828	100%	\$405,828	100%
Others						
Federal		0%		0%		0%
State		0%		0%		0%
City		0%		0%		0%
<b>Total</b>	<b>\$500,000</b>	<b>100%</b>	<b>\$405,828</b>	<b>100%</b>	<b>\$405,828</b>	<b>100%</b>

**Issues:** None.

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

**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.



**TA Role:** Implementing and Funding Agency  
**Sponsor:** C/CAG

**Project Status Summary:** The final PPS report was completed and the PPS phase is now closed. The long-term improvements identified in the PPS that address existing and future traffic conditions would require full Caltrans oversight delivery process (PID, PA&ED and PS&E). The project is currently in coordination with City of Foster City, City of San Mateo, C/CAG and Caltrans for the subsequent phase of the project.

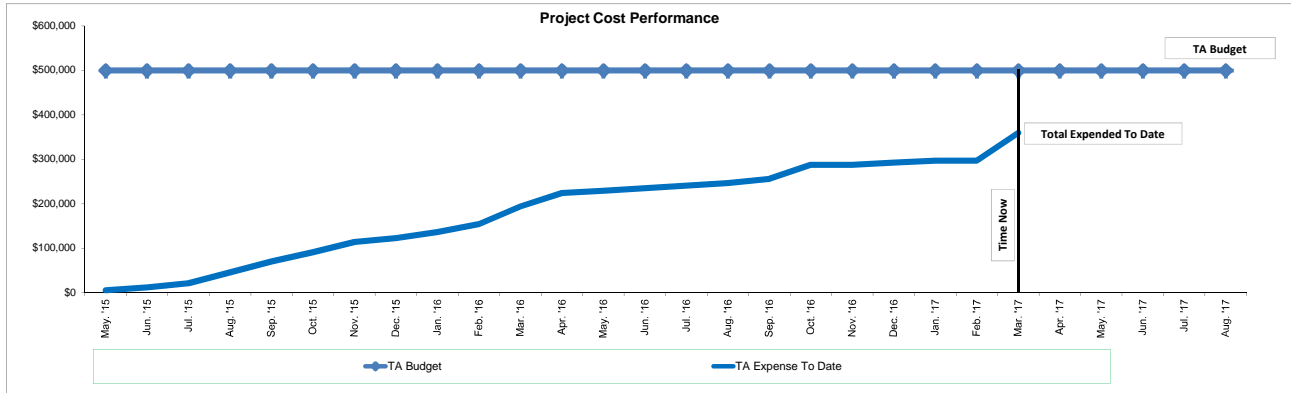
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$500,000	\$359,803	\$0	\$359,803	\$140,197
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$500,000</b>	<b>\$359,803</b>	<b>\$0</b>	<b>\$359,803</b>	<b>\$140,197</b>

Note: Budget is for PPS phase only



**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

**Progress This Quarter:** (1) Met with City of Foster City and City of San Mateo in March 2017 to determine the improvement alternatives to carry forward.

**Future Activities:** (1) Coordinate with City of Foster City, City of San Mateo and C/CAG to determine the partnership roles for the subsequent phase of the Project.  
 (2) Coordinate with the US 101 Managed Lane project for improvement needs.

**Issues:** None.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$500,000	100%	\$359,803	100%	\$359,803	100%
Others						
Federal		0%		0%		0%
State		0%		0%		0%
City		0%		0%		0%
<b>Total</b>	<b>\$500,000</b>	<b>100%</b>	<b>\$359,803</b>	<b>100%</b>	<b>\$359,803</b>	<b>100%</b>

**Issues:** None.

**000801 - U.S. 101 - PENINSULA AVE INTERCHANGE PROJECT**

**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.



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

**Project Status Summary:** The Project Study Report - Project Development Support (PSR-PDS) for the PID phase was complete. 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. Environmental studies and other technical studies are currently on hold until traffic scoping is complete.

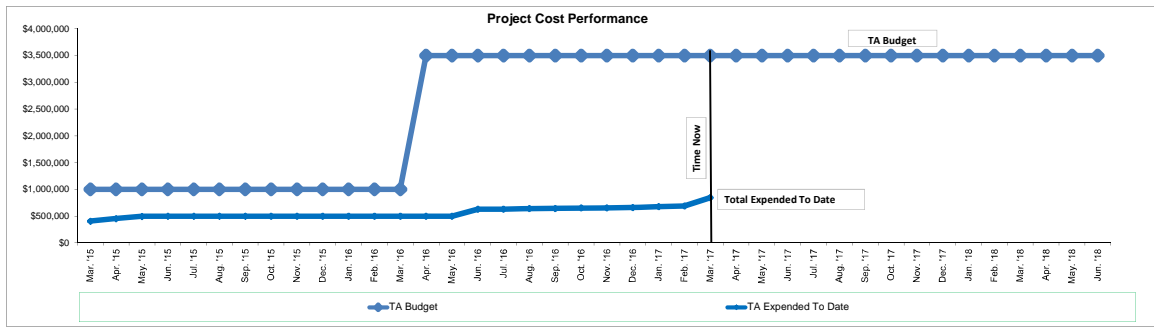
**Issues:** Due to the potential traffic impact on adjacent City's intersections caused by the Project, City of Burlingame requested additional public meetings.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$3,500,000	\$843,302	\$2,656,698	\$3,500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$3,500,000</b>	<b>\$843,302</b>	<b>\$2,656,698</b>	<b>\$3,500,000</b>	<b>\$0</b>

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



**Issues:** Additional traffic studies could result in added costs.

**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 public meetings with City of Burlingame and City of San Mateo are completed, and traffic scoping is finalize

**Progress This Quarter:**

- (1) Executed Cooperative Agreement.
- (2) Held Project scoping meeting in January 23, 2017.
- (3) Performed data collection and review.
- (4) Refined geometric design.

**Future Activities**

- (1) Finalize Cooperative Agreement.
- (2) Continue to coordinate with City of Burlingame and City of San Mateo for public meetings to discuss the limits of traffic counts
- (3) Re-baseline the project schedule when traffic counts schedule is determined.
- (4) Schedule and hold first PDT meeting.
- (5) Continue to develop draft Purpose and Need statement.

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

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$3,500,000	100%	\$843,302	24%	\$3,500,000	100%
Others	\$0	0%				
Federal	\$0	0%	\$0	0%	\$0	0%
State	\$0	0%	\$0	0%	\$0	0%
City	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$3,500,000</b>	<b>100%</b>	<b>\$843,302</b>	<b>24%</b>	<b>\$3,500,000</b>	<b>100%</b>

**Issues:** None.



**000802 - U.S. 101 - POPLAR AVENUE SAFETY IMPROVEMENTS**

**Scope:** This is a multimodal improvements project that addresses some immediate short-term safety issues at US-101/Polar Avenue interchange. This project will raise the median on Poplar Avenue from Route 101 to Idaho street. The City is responsible for completing the Environmental, Design and Construction phases of the project. The project is currently in construction.



**TA Role:** Funding Agency  
**Sponsor:** City of San Mateo (Also Implementing Agency)

**Project Status Summary:** The Project was advertised for construction on March 20, 2016. Bids were opened on April 12, 2016. The project was awarded on June 2016 and the Notice To Proceed was issued on July 27, 2016. Construction activities is at 100% completion and project is in closeout phase.

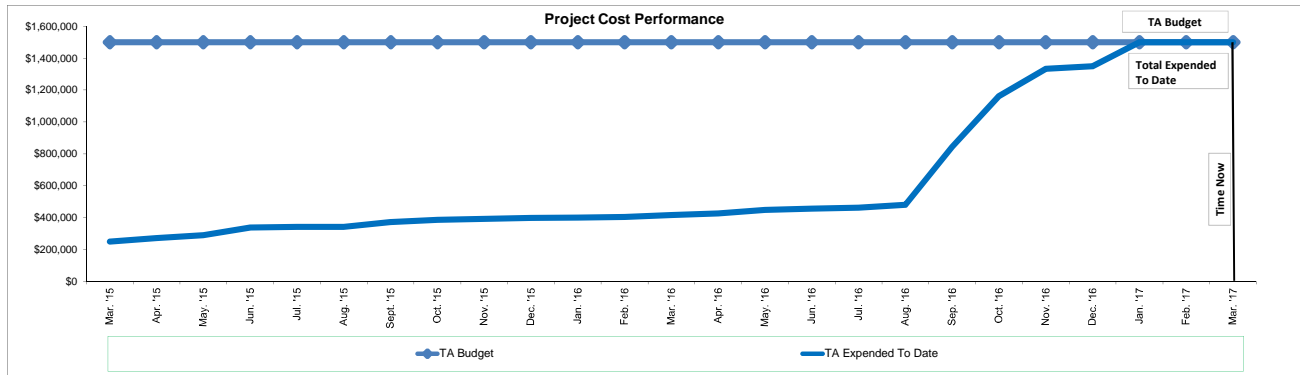
**Issues:** None.

**Budget:**



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

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



**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (7/16)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PA&ED	07/01/13	04/30/14	10/01/13	05/31/15	10/01/13	06/30/15
PS&E	07/01/13	09/30/14	10/01/13	06/30/15	10/01/13	11/30/15
Construction	01/01/15	08/31/15	07/01/16	01/31/17	07/27/16	02/28/17
Project Closeout	03/23/17	06/30/17	03/23/17	06/30/17	03/23/17	06/30/17

**Progress** (1) Conducted final walkthrough on 3/20/2017.  
**This Quarter:** (2) Issued punch list.

**Future Activities** (1) Project closeout.

**Issues:** None.

**Funding :**



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

**Issues:** None.

**000803 - U.S. 101 / PRODUCE AVENUE**

**Scope:** Project scope is to study alternatives for a new interchange and street that connects 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 City.



**TA Role:** Funding Agency.

**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).

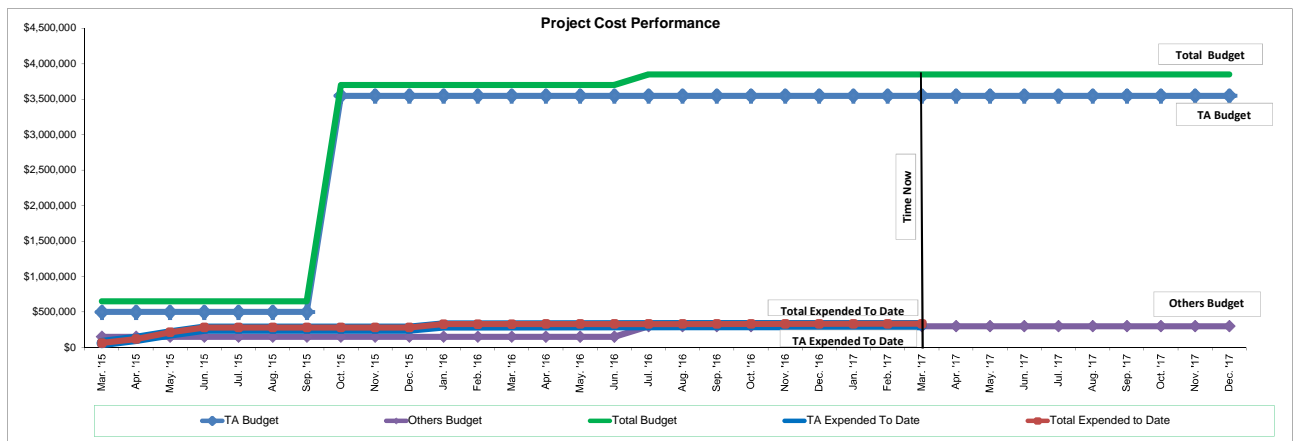
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$3,550,000	\$314,717	\$3,235,283	\$3,550,000	\$0
Others	\$300,000	\$19,000	\$281,000	\$300,000	\$0
<b>Total Project</b>	<b>\$3,850,000</b>	<b>\$333,717</b>	<b>\$3,516,283</b>	<b>\$3,850,000</b>	<b>\$0</b>

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



**Schedule:**



Major Milestones:	Original Baseline		Current Baseline		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	09/15/19	05/15/17	09/15/19

**Progress This Quarter:** (1) Conducted interview for Project consultant and selected a consultant team.

**Future Activities:** (1) Award of consultant contract in April 2017. (2) Issue Notice-to-Proceed to consultant to proceed with PA&ED scope of work in May 2017.

**Issues:** Schedule for PA&ED is tentative and will be finalized once the consultant contract is awarded.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$3,550,000	92%	\$314,717	9%	\$3,550,000	92%
Others						
Federal		0%		0%		0%
State		0%		0%		0%
City	\$300,000	8%	\$19,000	6%	\$300,000	8%
<b>Total</b>	<b>\$3,850,000</b>	<b>100%</b>	<b>\$333,717</b>	<b>9%</b>	<b>\$3,850,000</b>	<b>100%</b>

**Issues:** None.

**000805 - HIGHWAY 92 / EL CAMINO REAL INTERCHANGE PROJECT**

**Scope:** This project will convert the existing full 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 92.



**TA Role:** Funding Agency.  
**Sponsor:** County of San Mateo (also implementing agency)

**Project Status Summary:** 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. Bid opened on December 6, 2016. Construction contract was awarded in January 2016.

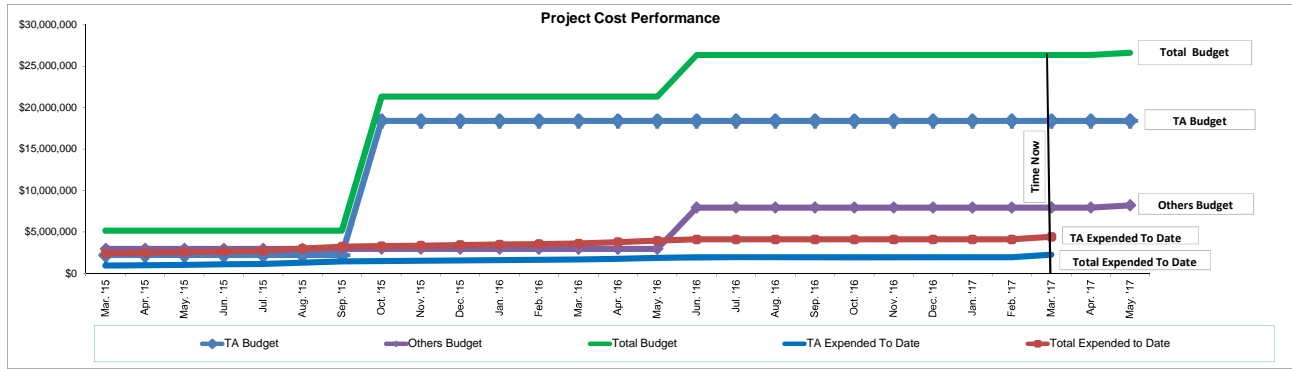
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$18,400,000	\$2,251,125	\$16,148,875	\$18,400,000	\$0
Others	\$8,211,535	\$2,140,757	\$6,070,778	\$8,211,535	\$0
<b>Total Project</b>	<b>\$26,611,535</b>	<b>\$4,391,882</b>	<b>\$22,219,653</b>	<b>\$26,611,535</b>	<b>\$0</b>

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



**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (3/15)		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	12/05/17	04/17/17	12/05/17

**Progress**

**This Quarter:**

- (1) Awarded of construction contract to the low bidder.
- (2) Conducted pre-construction meeting on March 9, 2017.
- (3) Performed clearing and grubbing adjacent to freeway ramps.
- (4) Notified adjacent tenants and property owners of the proposed construction activities.
- (5) The City of San Mateo requested additional soundwall to be installed by the Project to address neighborhood's concern. The amendment to add the additional soundwall was approved by the City of San Mateo Council on March 20, 2017.

**Future Activities**

- (1) Establish project information website to notify public of the project's construction activities and impact.
- (2) Conduct project kick-off partnering meeting (scheduled for April 27, 2017).
- (3) Amend Caltrans Cooperative Agreement for additional soundwall funded by the City of San Mateo.
- (4) Mobilize for construction.

**Issues:** None.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$18,400,000	69%	\$2,251,125	12%	\$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%	\$50,000	1%	\$5,050,000	19%
<b>City</b>	\$1,181,535	4%	\$110,757	9%	\$1,181,535	4%
<b>Total</b>	<b>\$26,611,535</b>	<b>100%</b>	<b>\$4,391,882</b>	<b>17%</b>	<b>\$26,611,535</b>	<b>100%</b>

**Issues:** None

### 000817 - State Route 35 Widening Project

**Scope:** The project proposes to identify improvement needs to address traffic congestion and safety issues on State Route 35 (Skyline Boulevard) between I-280 and Sneath Lane, approximately 1.5 mile roadway segment in San Mateo County. Scope of project includes Preliminary Planning Study (PPS), Project Initiation Document (PID) and Environmental (PS&E) phases.



**TA Role:** Implementing and Funding Agency  
**Sponsor:** City of San Bruno and City of South San Francisco

**Project Status Summary:** The final PPS was completed. The PPS identified five project Build Alternatives to widen State Route 35 by one or two lanes. In conjunction with the PPS, a Preliminary Planning Study Environmental Memo was prepared in September 2015 to identify the environmental constraints and potential environmental impacts associated with the proposed widening. Since the Project lies entirely within the City of San Bruno's city limits, the Sponsors agreed that City of San Bruno will continue to support the Project as the sole Sponsor for the PID and PS&E phases. The Project is currently in scoping for the PID phase.

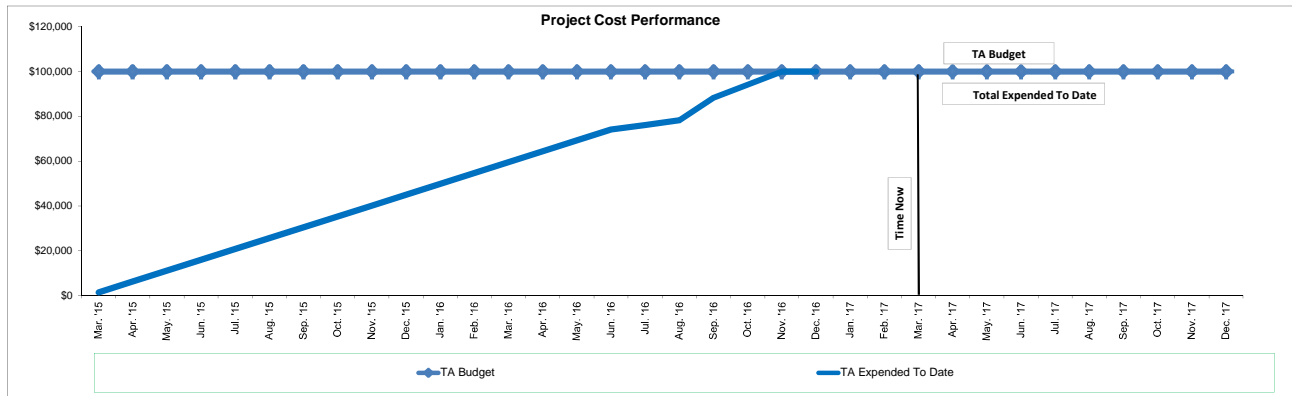
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$100,000	\$100,000	\$0	\$100,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$100,000</b>	<b>\$100,000</b>	<b>\$0</b>	<b>\$100,000</b>	<b>\$0</b>

Note: Budget for PPS phase only.



**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (5/15)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PPS	05/18/15	05/16/16	05/18/15	05/16/16	05/18/15	07/08/16

**Progress This Quarter:** (1) Coordinated with Cities to determine sponsorship for the remaining phases of the Project.  
 (2) Evaluated the Project scope for the PID phase, including the additional bicycle lanes that San Bruno City Council expressed interest in pursuing as this particular corridor is part of City's proposed regional bikeway system.

**Future Activities:** (1) Establish a Funding Agreement or Memorandum of Understanding between TA and City of San Bruno for the PID phase.

**Issues:** None.

**Funding :**



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

**Issues:** None.

# 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) Prepare PSR, Environmental and PS&amp;E for the construction</li> <li>2) Widen 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) Widen/ modify various on/off-ramps at four interchanges that lie within the project limits.</li> <li>4) Re-construct Ringwood Pedestrian Overcrossing to accommodate the auxiliary lanes.</li> <li>5) Install Intelligent Transportation System (ITS) equipment within the project limits.</li> </ol> <p>Scope is 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>SMCTA Budget</b> \$36,785,171</p> <p><b>Expended</b> \$11,384,222</p> <p><b>Remaining</b> \$25,400,949</p>
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# **TA – Caltrain Projects**

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

	<b>SMCTA Budget</b> \$74,000,000	<b>Expended</b> \$8,521,000	<b>Remaining</b> \$65,479,000
<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 Hillsdale Caltrain Station are also included in the project but are being funded from other sources.</p> <p><b>Phase:</b> PS&amp;E/ROW.</p> <p><b>Status:</b> Right of way activities were underway to acquire land needed for the grade separation, obtain an encroachment permit from Caltrans on El Camino Real, and relocate utilities. Addendums were issued for construction bid documents in preparation of the release of the IFB for construction. Began preliminary planning of scheduling public meetings and notices. Continued discussions to finalize agreement revisions between the SMCTA and CHSRA to fully secure funding. Applied for State Section 190 funds. TA Board programmed, allocated and amended the project budget in the amount of \$65.3 million to complete the right-of-way and construction phases of the project through Resolution 2016-25.</p>			
<p><b>00813 - GRADE SEPARATION STUDY PROJECT - Broadway (Burlingame)</b></p> <p><b>Scope:</b> This is a planning study, led by the City of Burlingame in close coordination with Caltrain, to explore the feasibility of different alternatives for the grade separation of Broadway avenue from the Caltrain Corridor in Burlingame. 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> The City of Burlingame completed the Project Study Report in January with City Council and public support for a preferred alternative that will partially depress Broadway and partially increase the elevation of the railroad profile. The TA, at its March meeting, programmed and allocated \$3.85M (Reso. 2017-05) for the preliminary engineering and environmental (PE/ENV) phase of the project, with the execution of agreements with the City and JPB contingent on the City securing \$500,000 in local matching funds. The City, at its March 15th Council meeting, subsequently approved a mid-year budget amendment to secure a \$500,000 local match for the PE/ENV phase. The JPB will be the lead agency preparing the environmental document in close coordination with the City.</p>	<b>SMCTA Budget</b> \$1,000,000	<b>Expended</b> \$825,419	<b>Remaining</b> \$174,581



**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 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> An RFP for consultant services was in the process of being prepared and is anticipated to be released next quarter.</p>	<p><b>SMCTA Budget</b> \$650,000</p> <p><b>Expended</b> \$0</p> <p><b>Remaining</b> \$650,000</p>
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<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 staff presented three (3) grade separation alternatives to City Council at a Study Session on February 7, 2017. The alternatives were an underpass of Ravenswood with no change to the elevation of the railroad profile, hybrid with two (2) grade separations (partial depression of Ravenswood &amp; Oak Grove Avenues with a partial increase in the elevation of the railroad profile) and a hybrid with three (3) grade separations (partial depression of Ravenswood, Oak Grove &amp; Glenwood Avenues with a partial increase in the elevation of the railroad profile). Due to Council's request for additional information and desire to not hold any community or commission meetings during the summer months, project conclusion will be delayed until the end of the calendar year. As a result, City staff will request a time extension to complete the Project Study Report (PSR).</p>	<p><b>SMCTA Budget</b> \$750,000</p> <p><b>Expended</b> \$593,650</p> <p><b>Remaining</b> \$156,350</p>
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# **Pedestrian and Bicycle** **Program Project**

**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	Preliminary engineering and design work was underway by consultant. The start of construction has been delayed due to planned utility work on Ralston Avenue.	Mar 2016	\$882,036	\$0	\$882,036
Burlingame	California Drive/Bellevue Avenue Bike-Pedestrian Roundabout	Preliminary design/environmental, final design, right-of-way, construction	Final design was nearing 100% completion, incorporating landscape and streetscape components.	Apr 2014	\$1,000,000	\$186,253	\$813,747
Daly City	Enhanced Pedestrian and Bicycle Visibility Project	Final design and construction	Final design was at 100% and under internal review.	Mar 2016	\$337,500	\$16,500	\$321,000
Daly City	John Daly Boulevard Streetscape Improvements	Construction	Construction continued with the following: installation of street lights, pouring of foundations for new traffic signal poles, narrowing of the medians and installation of a new booster pump for the irrigation lines. Project was close to 50% completion.	Apr 2014	\$1,000,000	\$634,506	\$365,494
East Palo Alto	Highway 101 Pedestrian/ Bicycle Overcrossing	Planning and preliminary design/environmental	Sponsor received authorization to proceed (E-76) for construction from Caltrans. Construction is to be funded from other non-Measure A sources. Amendment to the existing Measure A funding agreement was in the process of being executed to allow for the reimbursement of final design expenses.	Jul 2011	\$300,000	\$0	\$300,000
Half Moon Bay	Main Street Bridge Bike Lanes and Sidewalks	Design and construction	The City requested an Expedited Project Selection Procedure (EPSP) from Caltrans for the Main Street Bridge. As a result, Caltrans scheduled a Field Review. Measure A funds are for the Ped/Bike Bridge that will run parallel to the Main St. Bridge. Both projects will be part of the same construction contract which will result in project cost savings.	Jul 2011	\$500,000	\$0	\$500,000
Menlo Park	Haven Avenue Streetscape Project	Preliminary design/environmental, final design and construction	Final design was at 100% completion and under review by Caltrans for their right-of-way section. Construction began for the portion that is in the City right-of-way with installation of new buffered bike lanes with green treatments in interaction zones along Haven Avenue.	Apr 2014	\$170,000	\$27,535	\$142,465
Menlo Park	Menlo Park-East Palo Alto Connectivity Project	Construction	Construction was completed and project close-out activities were underway.	Apr 2014	\$395,000	\$320,729	\$74,271
Menlo Park	Middle Avenue Pedestrian and Bicycle Crossing	Preliminary engineering/environmental	City advertised the Request for Proposal (RFP) package for consultant project team. Consultant teams were interviewed and City Council awarded contract.	Mar 2016	\$490,000	\$23,702	\$466,298
Portola Valley	Alpine Road at Arastradero Road and Portola Road at Farm Road Shoulder Widening	Planning, preliminary design/environmental, final design and construction	Location 1 (Alpine/Arastradero): completed. Location 2 (Portola/Farm): Finalized engineering and design. Bid process opened on April 20, 2017. Construction scheduled for summer 2017.	Apr 2014	\$309,500	\$177,277	\$132,223
Redwood City	Highway 101 Pedestrian and Bicycle Undercrossing	Construction	Coordination with Caltrans and Army Corps continued to obtain permits. Utility relocation continued.	Mar 2016	\$500,000	\$0	\$500,000
Redwood City	Hudson Street Bicycle and Pedestrian Improvements	Design and construction	City held preconstruction kickoff meeting and reviewed submittals.	Jul 2011	\$532,640	\$60,000	\$472,640
Redwood City	Kennedy Safe Routes to School Project	Construction	City staff met with Redwood City School District staff to coordinate with District's master planning activities and green infrastructure. Final design activities continued.	Mar 2016	\$500,000	\$0	\$500,000
Redwood City	Safe Routes to Schools	Final design and construction	City staff conducted a value engineering exercise and modifications were made to the 100% design drawings to better manage project costs.	Apr 2014	\$976,780	\$135,430	\$841,350

**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 Bruno	El Camino Real/Angus Ave Intersection Improvements	Final design and construction	Caltrans review of the 100% design plans continued from the prior quarter.	Apr 2014	\$300,000	\$41,008	\$258,992
San Bruno	Transit Corridor Pedestrian Connection Project	Design and construction	Due to internal review, updates to the RFP package for a design consultant were made. The RFP is anticipated to be issued next quarter.	Jul 2011	\$350,000	\$0	\$350,000
San Mateo	Hillsdale/101 Bridge Project	Preliminary design/ environmental	A TIP amendment was approved adding this project in the TIP, which will enable it to be eligible for federal funds for subsequent phases of work. Inclusion of this project in the TIP was a Caltrans requirement for it to be the lead agency responsible for approving the Project Report (PR) and Environmental Document (ED). The second amendment to the existing Measure A funding agreement, which will provide a time extension accounting for Caltrans approval of the PR & ED, was in the process of being executed.	Apr 2014	\$875,000	\$781,472	\$93,528
San Mateo	North San Mateo Drive Pedestrian and Bicycle Improvement Project	Construction	Design work continued with anticipated completion next quarter. Additional time was added to the construction schedule due to expanded scope related to green infrastructure improvements funded from other non-Measure A sources.	Mar 2016	\$200,000	\$0	\$200,000
San Mateo County	Complete the Gap Trail	Preliminary engineering, environmental and final design	Preliminary engineering was ongoing. Additional survey work was performed and plans/reports of nearby projects that may potentially have impacts were reviewed.	Mar 2016	\$300,000	\$22,240	\$277,760
San Mateo County	Midcoast Multimodal Trail	Preliminary design/ environmental and final design	Final design was nearing 60% completion. The County submitted a request for a second amendment to their funding agreement to allow for an additional nine (9) month time extension due to schedule challenges with Caltrans. The proposed amendment to the funding agreement was in the process of being executed.	Apr 2014	\$500,000	\$149,840	\$350,160
South San Francisco	Sunshine Gardens Safety and Connectivity Improvements Project	Preliminary engineering, environmental, final design and construction	Work is anticipated to be begin next quarter with the selection of a design consultant.	Mar 2016	\$504,000	\$0	\$504,000
Woodside	Alameda De Las Pulgas Bike and Pedestrian Improvements	Final design and construction	Input from public meetings was incorporated into the final design, which was at 90% completion by the end of the quarter.	Mar 2016	\$275,000	\$46,097	\$228,903



## 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.

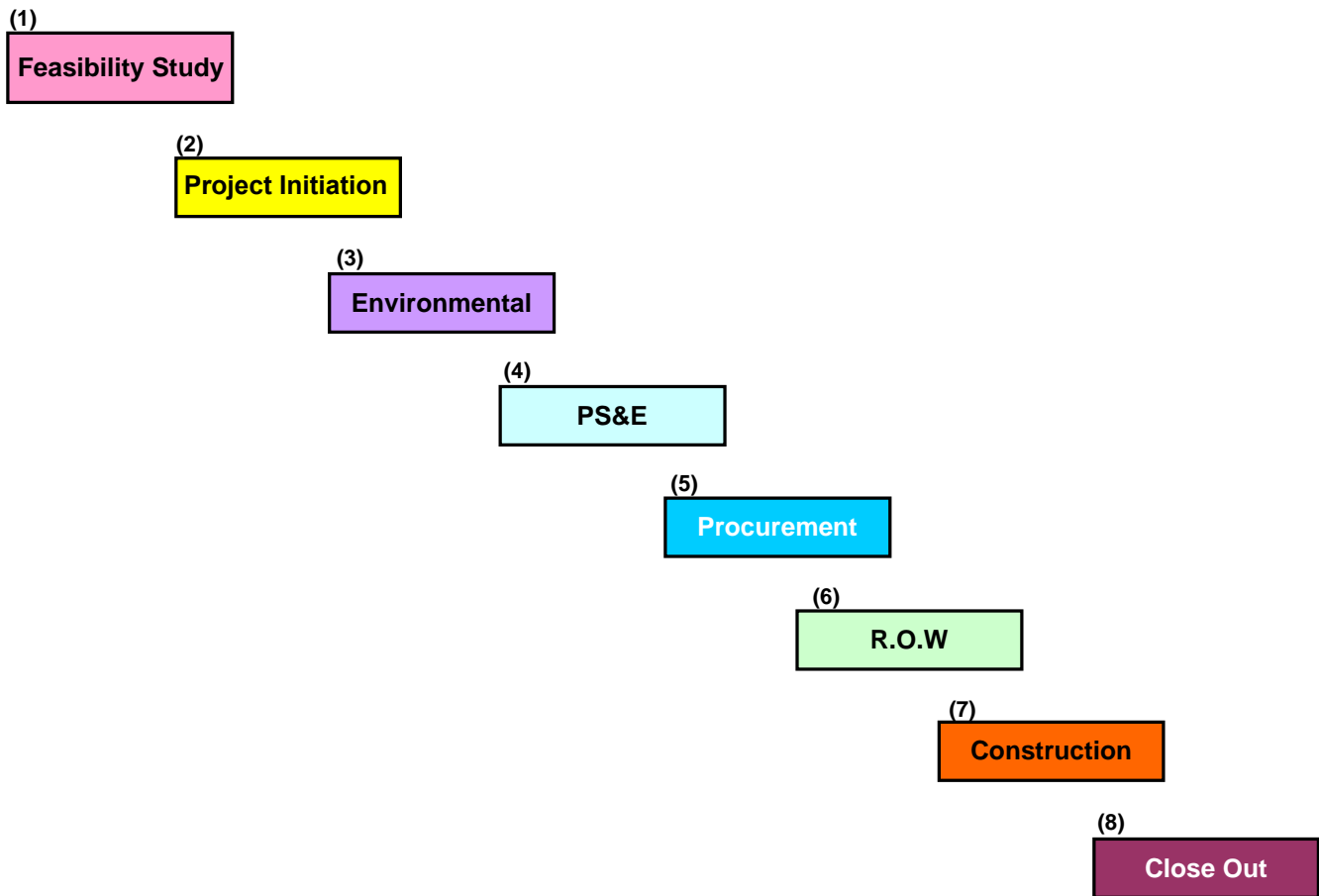
**PSR** – Project Study Report – A report providing conceptual project information including project scope, environmental assessment, feasibility, scope, costs and schedule.

**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>