

# Capital Projects

## Quarterly Status Report

**2nd Quarter FY2017 : October 1 - December 31, 2016**

Report prepared for the **March 02, 2017 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**

**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

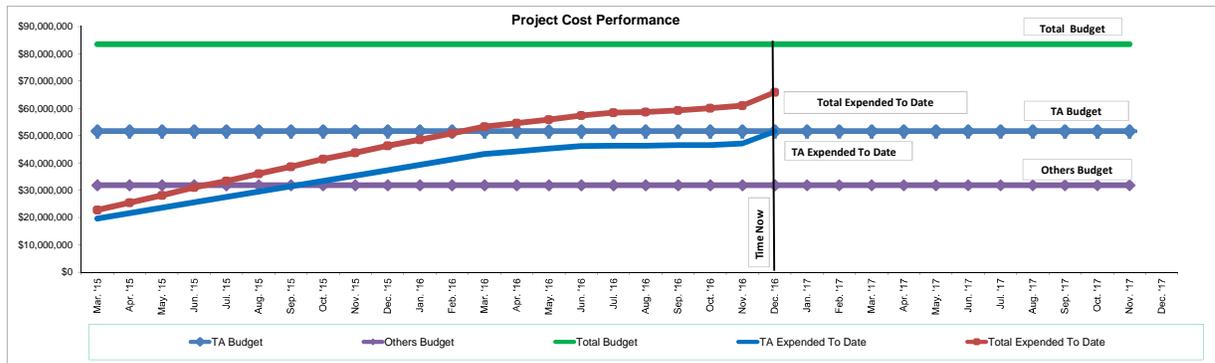
**Project Status Summary:** PID, PA&ED, and PS&E phases are complete. The project is currently in Stage 3 construction. Bridge work for Stage 4 was initiated in October 2016. Caltrans is performing construction administration and inspection, and reported that the contractor has completed approximately 79% of the construction contract work, 77% of the scheduled time has been used and 79% budgeted cost has been expended.

**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$51,687,000	\$51,612,608	\$74,392	\$51,687,000	\$0
Others	\$31,831,000	14,296,991	\$17,534,009	\$31,831,000	\$0
<b>Total Project</b>	<b>\$83,518,000</b>	<b>\$65,909,599</b>	<b>\$17,608,401</b>	<b>\$83,518,000</b>	<b>\$0</b>



**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 construction completion date does not include the Plant Establishment period that will extend 12 months past construction completion.

**Progress**

**This Quarter:**

- (1) Continued work on electrical and fiber optic, sanitary sewer and drainage facilities.
- (2) Placed concrete for northbound on-ramp and southbound on-ramp.
- (3) Placed hot-mixed asphalt at Broadway/Old Bayshore Hwy.
- (4) Constructed lightweight cellular concrete at Old Bayshore.
- (5) Constructed Mechanically Stabilized Embankment walls and Casted in Drilled Hole Shafts for walls.
- (6) Constructed barrier slabs, approach slab and retaining wall.
- (7) Constructed Gateway walls and planters.
- (8) Commenced work on barriers.

**Future Activities:**

- (1) Place aggregate base and subbase at Rollins Road and US 101 southbound on-ramp from Broadway.
- (2) Grade and install bio-swale.

**Issues:**

Normal inclement weather may affect construction activities.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$51,687,000	62%	\$51,612,608	100%	\$51,687,000	62%
<b>Others</b>						
<b>Federal</b>	\$3,613,000	4%	\$1,581,291	44%	\$3,613,000	4%
<b>State</b>	\$23,218,000	28%	\$11,069,039	48%	\$23,218,000	28%
<b>City</b>	\$5,000,000	6%	\$1,646,660	33%	\$5,000,000	6%
<b>Total</b>	<b>\$83,518,000</b>	<b>100%</b>	<b>\$65,909,599</b>	<b>79%</b>	<b>\$83,518,000</b>	<b>100%</b>

**Issues:** Additional funding will be required to cover potential budget increase associated with utility, right-of-way, temporary construction easements and discovery of buried man made objects.

**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.

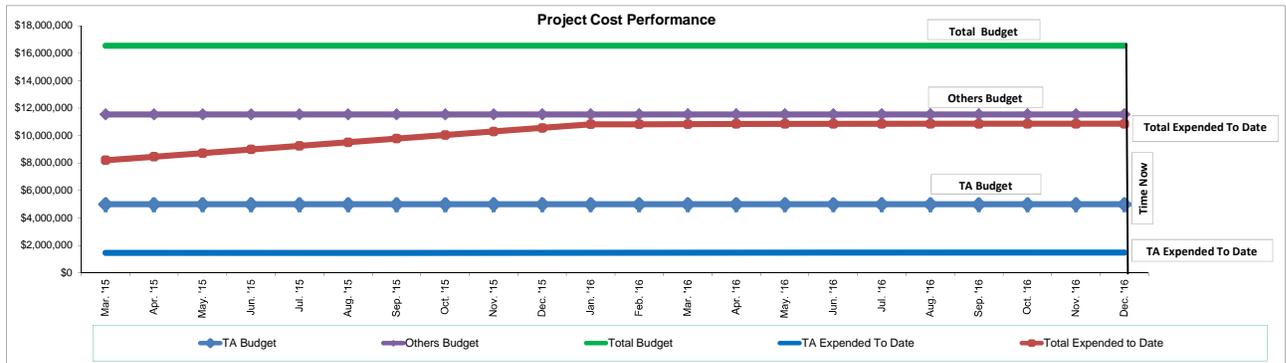
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$5,000,000	\$1,492,390	\$0	\$1,492,390	\$3,507,610
Others	\$11,552,000	\$9,374,220	\$2,177,780	\$11,552,000	\$0
<b>Total Project</b>	<b>\$16,552,000</b>	<b>\$10,866,610</b>	<b>\$2,177,780</b>	<b>\$13,044,390</b>	<b>\$3,507,610</b>

Note: Budget is for PID, PA&ED, PS&E and R/W phases only.



**Issues:** None.

**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

**Progress This Quarter:** (1) The project bid was opened on December 16, 2016.  
 (2) Meeting with PG&E on December 9, 2016 to discuss the potential cost increase associated with the gas line issue.

**Future Activities** (1) Award of construction contract.

**Issues:** (1) Project bid was delayed due to issue associated with a PG&E gas line.  
 (2) Construction schedule will be established upon award of construction contract.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$5,000,000	30%	\$1,492,390	100%	\$1,492,390	11%
<b>Others</b>						
<b>Federal</b>		0%		0%		0%
<b>State</b>	\$11,552,000	70%	\$9,374,220	81%	\$11,552,000	89%
<b>City</b>		0%		0%		0%
<b>Total</b>	<b>\$16,552,000</b>	<b>100%</b>	<b>\$10,866,610</b>	<b>83%</b>	<b>\$13,044,390</b>	<b>100%</b>

**Issues:** Cost for utility relocation is anticipated to be increased for the subsequent construction phase due to issue associated with a PG&E gas line.

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

**Scope:** The project proposes to improve the operation of US 101/State Route 84 (Woodside Road) interchange by widening State Route 84 and realignment of freeway ramp. The Project is in PA&ED phase. The PA&ED phase of work includes detailed analysis of project alternatives, preparation of a Caltrans Project Report, development of an Environmental Document meeting the requirements of CEQA and NEPA, and preparation of final environmental and engineering documents for PA&ED approval.



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

**Project Status Summary:** The Project is in the PA&ED phase. The Draft Environmental Document (DED) was issued for public review on April 11, 2016. The DED public meeting was held on April 28, 2016. The 45-day public comment period closed on May 26, 2016. The preferred alternative was selected and ratified by the Project Development Team (PDT) in July 2016. In August 2016, the PDT reviewed and responded to comments on the First Administrative Environmental Document. The project team received and reviewed comments on the 3rd Administrative Draft Final Environmental Documents (FED) and Project Report, and submitted the 4th and 5th Administrative Draft FED to Caltrans in November 2016. In December, the Final FED and Final Project Report was submitted to Caltrans. Caltrans approved the PA&ED documents and the PA&ED phase is now completed.

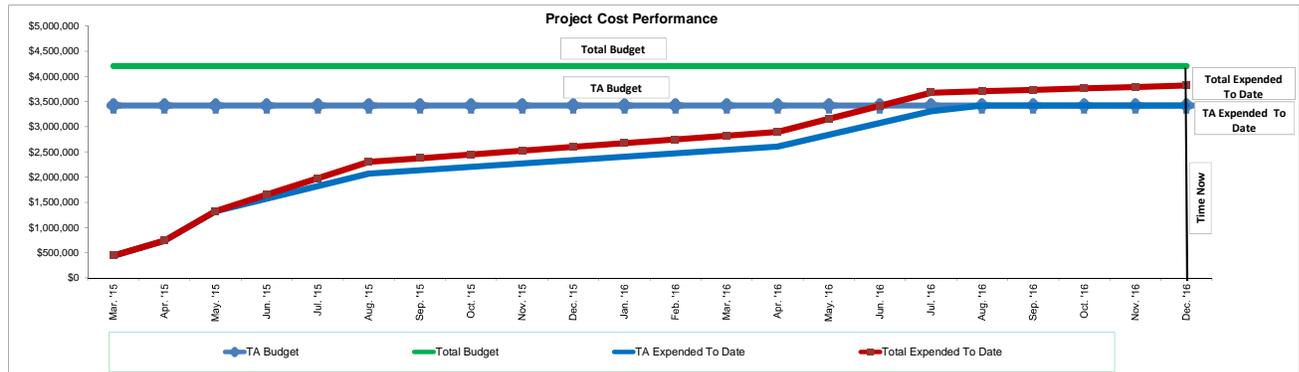
**Issues:** None

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$3,420,000	\$3,420,000	\$0	\$3,420,000	\$0
Others	\$784,000	\$396,924	\$387,076	\$784,000	\$0
<b>Total Project</b>	<b>\$4,204,000</b>	<b>\$3,816,924</b>	<b>\$387,076</b>	<b>\$4,204,000</b>	<b>\$0</b>

Note: Budget is for PA&ED phase only.



**Issues:** None. The City expects to complete the project within the total budget.

**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

**Progress This Quarter:**

- (1) Revised and submitted Final Design Exception Fact Sheets for Caltrans approval.
- (2) Reviewed Caltrans' comments on Second Administrative Draft Final Project Report.
- (3) Revised and submitted 3rd, 4th and 5th Administrative Draft FED.
- (4) Coordinated with Caltrans on the Encroachment Permit Variance Request (EVPR) review and approval.
- (5) Prepared a summary plan and milestone schedule for the PS&E/ROW phase.
- (6) The consultant team and City staff met with County representatives on November 22, 2016 to discuss County's concerns, including property acquisition of a County-owned parcel, Fair Oaks Sewer Maintenance District facilities, traffic analysis scope and findings, and sea level rise.
- (7) Completed and delivered the community outreach summary report.
- (8) Completed and delivered Draft Environmental Document public meeting summary.
- (9) Conducted a funding and project status review meeting between TA and City staff.
- (7) Submitted Final Environmental Document and Final Project Report.
- (8) Project PA&ED documents was approved by Caltrans.

**Future Activities:**

- (1) Preparation of Funding Agreement for the design phase.

**Issues:** None

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$3,420,000	81%	\$3,420,000	100%	\$3,420,000	81%
<b>Others</b>						
<b>Federal</b>	\$0	0%	\$0	0%	\$0	0%
<b>State</b>	\$0	0%	\$0	0%	\$0	0%
<b>City</b>	\$784,000	19%	\$396,924	51%	\$784,000	19%
<b>Total</b>	<b>\$4,204,000</b>	<b>100%</b>	<b>\$3,816,924</b>	<b>91%</b>	<b>\$4,204,000</b>	<b>100%</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 phase.

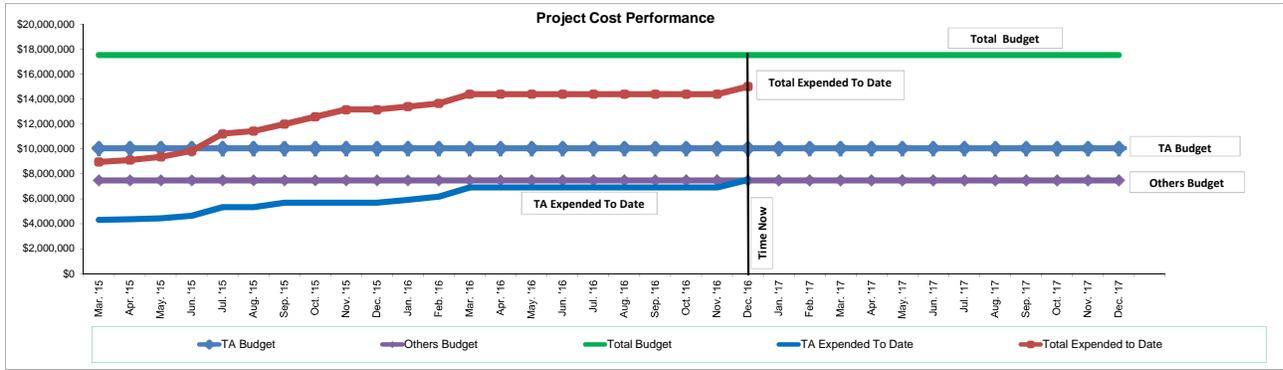
**Issues:** None.

**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	\$345,963	\$7,880,000	\$2,174,000
Others	\$7,479,435	\$7,479,435	\$0	\$7,479,435	\$0
<b>Total Project</b>	<b>\$17,533,435</b>	<b>\$15,013,472</b>	<b>\$345,963</b>	<b>\$15,359,435</b>	<b>\$2,174,000</b>

Note: Budget for PS&E and Construction only.



**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

**Progress This Quarter:** (1) Continued plant establishment phase.

**Future Activities:** (1) Continue plant establishment phase.

**Issues:** None.

**Funding :**

	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$10,054,000	57%	\$7,534,037	94%	\$8,050,000	52%
<b>Others</b>						
<b>Federal</b>	\$4,446,000	25%	\$4,446,000	100%	\$4,446,000	29%
<b>State</b>	\$2,883,435	16%	\$2,883,435	100%	\$2,883,435	19%
<b>City</b>	\$150,000	1%	\$150,000	100%	\$150,000	1%
<b>Total</b>	<b>\$17,533,435</b>	<b>100%</b>	<b>\$15,013,472</b>	<b>97%</b>	<b>\$15,529,435</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  
**Sponsor:** C/CAG (Co-Sponsor)

**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.

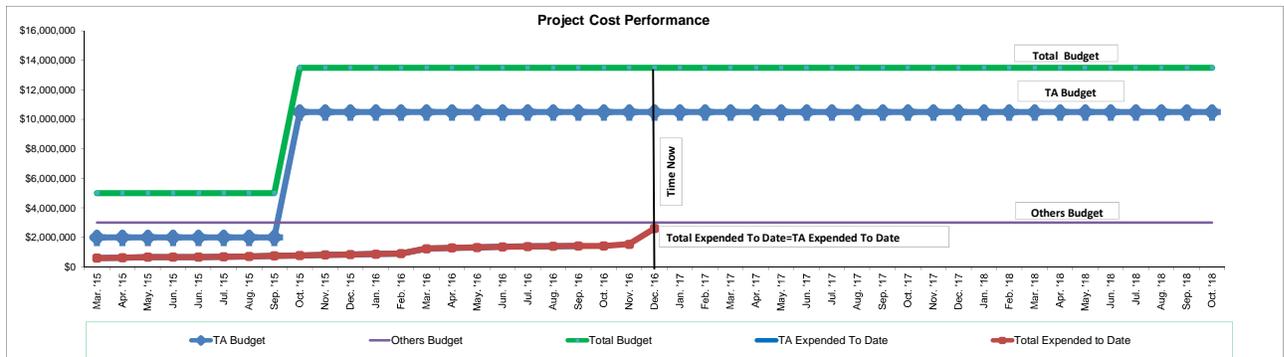
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$10,500,000	\$2,614,617	\$7,885,383	\$10,500,000	\$0
Others	\$3,000,000	\$0	\$0	\$3,000,000	\$0
<b>Total Project</b>	<b>\$13,500,000</b>	<b>\$2,614,617</b>	<b>\$10,885,383</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) Completed draft water quality study for Caltrans review on December 12, 2016.
  - (2) Completed request for survey to determine utility locations for preliminary engineering.
  - (3) Submitted Draft Wetlands Delineation Study (WDS) to Caltrans for review.
  - (4) Completed Area of Potential Effect (APE) mapping development and began draft APE study.
  - (5) Began draft Community Impact Analysis (CIA).
  - (6) Began draft Advanced Planning Study (APS).
  - (7) Continued work on general environmental study including visual study, noise study, community impact analysis, land use and growth studies, and location hydraulic and floodplain study.
  - (8) Continued to develop Geotechnical Report.
  - (9) Continued work on traffic studies, forecasts and modeling.
  - (10) Continued work on cultural resource studies, draft Initial Site Assessment (ISA) and biological studies including draft Natural Environmental Study Report (NES) and biological assessment.
  - (11) Three PDT meetings were held this quarter.
  - (12) Task managers meeting and scoping meeting were held in October 2016.

- Future Activities:**
- (1) Continue to work on traffic studies, forecasts and modeling.
  - (2) Continue work on environmental studies, biological studies, cultural resource studies and other technical studies.
  - (3) Continue discussion with SFCTA and C/CAG on 101 managed lanes extension from north I-380 to San Francisco.

**Issues:** None.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$10,500,000	78%	\$2,614,617	25%	\$10,500,000	78%
Others	\$0	0%				
Federal	\$0	0%	\$0	0%	\$0	0%
State	\$0	0%	\$0	0%	\$0	0%
Private	\$3,000,000	22%	\$0	0%	\$3,000,000	22%
<b>Total</b>	<b>\$13,500,000</b>	<b>100%</b>	<b>\$2,614,617</b>	<b>19%</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

**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 scope of project includes PPS only. Project is currently in the close out phase of the PPS.

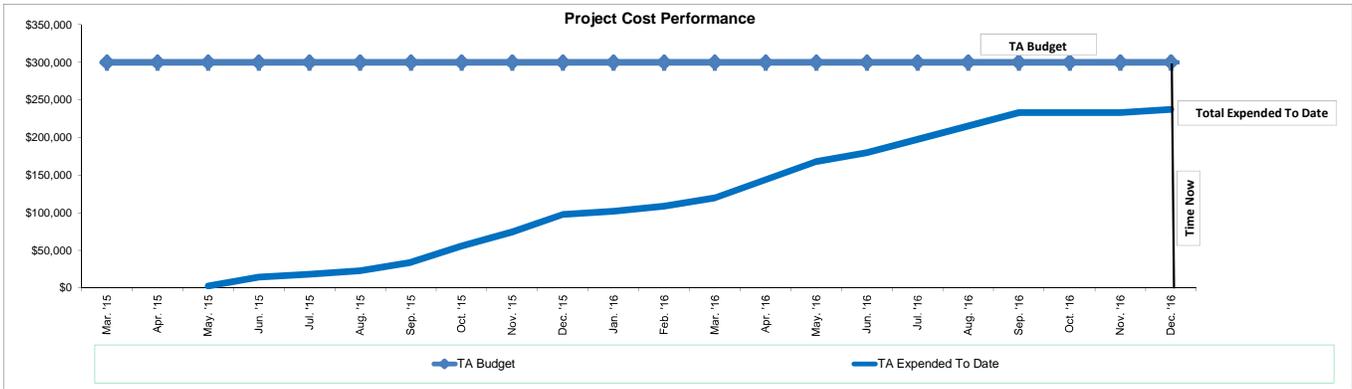
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$300,000	\$237,463	\$120,011	\$237,463	\$62,537
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$300,000</b>	<b>\$237,463</b>	<b>\$120,011</b>	<b>\$237,463</b>	<b>\$62,537</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

**Progress This Quarter** 1. Continued close out phase of the project.

**Future Activities** 1. Close out of PPS phase after final payment is made.

**Issues:** None.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$300,000	100%	\$237,463	100%	\$237,463	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>\$237,463</b>	<b>100%</b>	<b>\$237,463</b>	<b>100%</b>

**Issues:** None.

**000793 - HIGHWAY 1 SAFETY & OPERATIONAL PROJECT**

**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 level of effort.

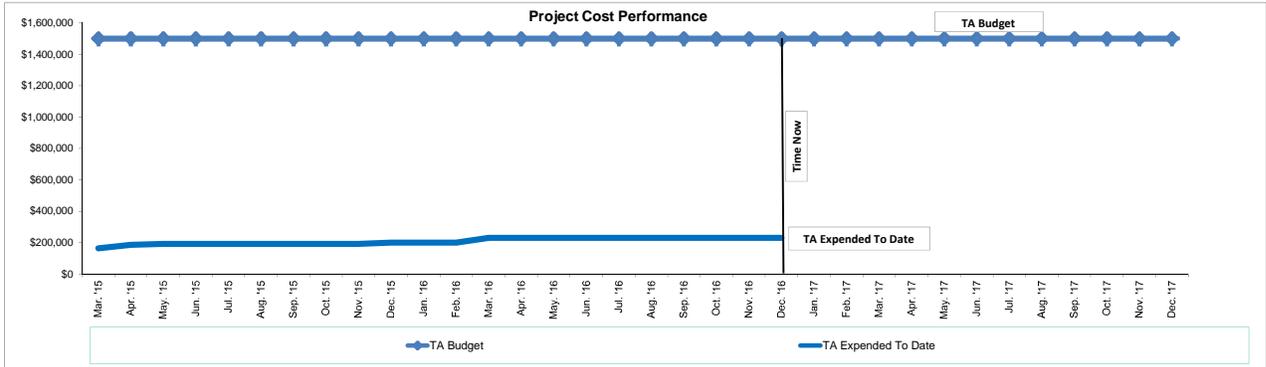
**Issues:** None.

**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, PID, PA&ED, and PS&E phases.



**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) On-going coordination and discussion with project stakeholders for selection of improvement location(s) to be carried forward to the next phase.  
 (2) Prepared draft PEER scope of work for the PID phase.

**Future Activities** (1) Finalize PEER scope of work for the PID phase.  
 (2) Establish appropriate agreement with San Mateo County and Caltrans.

**Issues:** Schedule for remaining phases will be included after TA establishes an agreement 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. Project is currently in progress for 95% structural submittal. Caltrans' review comments on 95% Civil package was provided in November 2016.

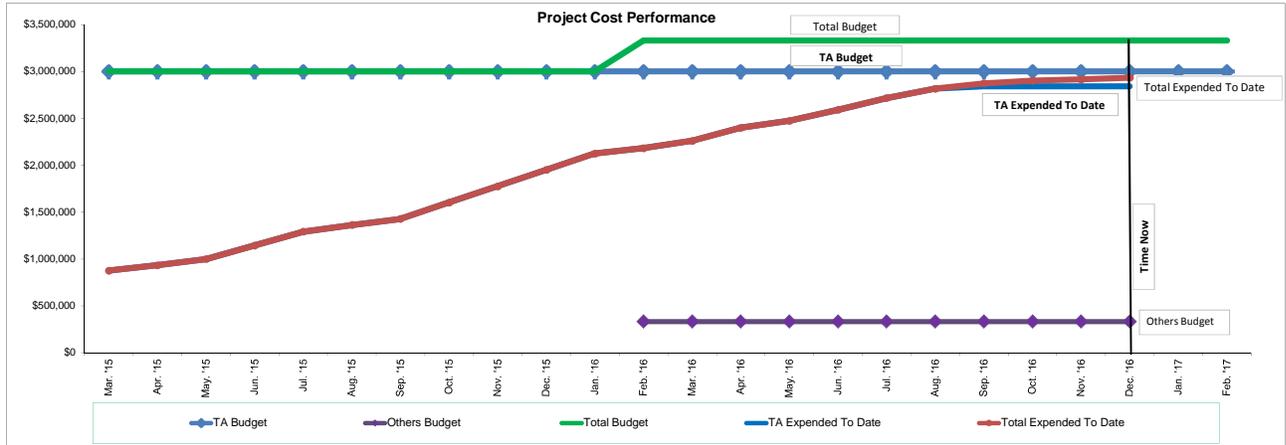
**Issues:** None

**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	\$331,422	\$92,996	\$238,426	\$331,422	\$0
<b>Total Project</b>	<b>\$3,331,422</b>	<b>\$2,935,224</b>	<b>\$238,426</b>	<b>\$3,173,650</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	02/28/17
Right of Way	07/30/15	12/30/16	07/30/15	12/30/16	07/30/15	02/28/17

**Progress**

**This Quarter:**

- (1) Addressed Caltrans comments on 95% Civil submittal.
- (2) Continued on 95% structural design and quantity calculations for retaining walls.
- (3) Continued on contour grading plans, drainage plans and profiles, calculations, drainage report and Storm Water Data Report.
- (4) Continued on 95% electrical design.
- (5) Updated quantities and specifications.
- (6) Attended coordination meeting with City of San Carlos and PG&E on transmission tower clearance and easement requirements.

**Future Activities**

- (1) Continue to work on the 95% structural design and plans.
- (2) Continue to work on electrical and drainage design.
- (3) Deliver 95% structural submittal for Caltrans review.

**Issues:** None.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$3,000,000	90%	\$2,842,228	100%	\$2,842,228	90%
<b>Others</b>						
<b>Federal</b>		0%		0%		0%
<b>State</b>		0%		0%		0%
<b>City</b>	\$331,422	10%	\$92,996	28%	\$331,422	10%
<b>Total</b>	<b>\$3,331,422</b>	<b>100%</b>	<b>\$2,935,224</b>	<b>92%</b>	<b>\$3,173,650</b>	<b>100%</b>

**Issues:** None

**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. The project is currently in coordination with the Cities to initiate the subsequent phase of the project.

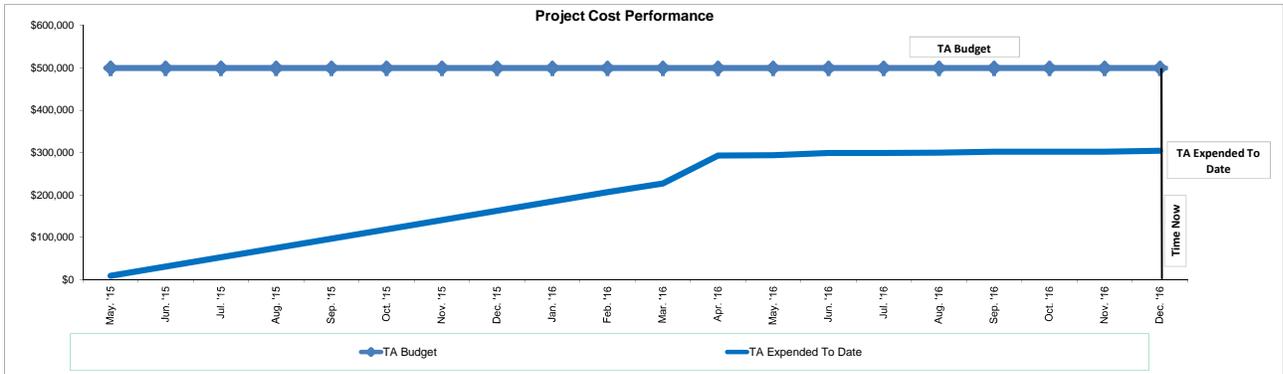
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$500,000	\$304,727	\$0	\$304,727	\$195,273
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$500,000</b>	<b>\$304,727</b>	<b>\$0</b>	<b>\$304,727</b>	<b>\$195,273</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

**Progress This Quarter:** (1) Coordinated with Cities to initiate the work for subsequent phase.

**Future Activities:** (1) Meet with Cities to discuss the next phase.  
 (2) Initiate work for subsequent phase.

**Issues:** None.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$500,000	100%	\$304,727	100%	\$304,727	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>\$304,727</b>	<b>100%</b>	<b>\$304,727</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 PPS commenced on May 5, 2015. Since the project kick-off on May 19, 2015, a series of meetings with Project Development Team (PDT) and stakeholders were conducted from May 2015 through February 2016. The Purpose and Need Statements were finalized in November 2015 after the Purpose and Need meeting on October 6, 2015. On February 6, 2016, the PDT met with Caltrans to present the overview of the project, Purpose and Need, and improvement alternatives. Project alternatives were finalized after reviewing the feedback from Caltrans. The final PPS report was completed. 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 close-out of the PPS phase.

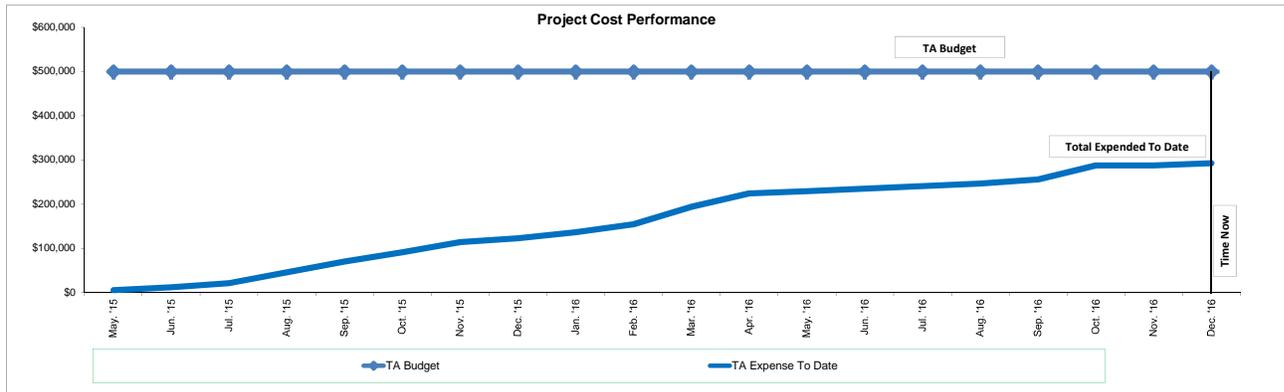
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$500,000	\$292,877	\$0	\$292,877	\$207,123
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$500,000</b>	<b>\$292,877</b>	<b>\$0</b>	<b>\$292,877</b>	<b>\$207,123</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
Preliminary Planning Study	05/05/15	07/07/16	05/05/15	07/07/16	05/05/15	07/08/16

**Progress This Quarter:** 1. Continued close out of the PPS phase.

**Future Activities:** 1. Close out the PPS phase.

**Issues:** None.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$500,000	100%	\$292,877	100%	\$292,877	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>\$292,877</b>	<b>100%</b>	<b>\$292,877</b>	<b>100%</b>

**Issues:** None.

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

**Scope:** The project will modify the existing US 101/Penninsula 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 and is forecasted to be complete in June 2018. The kick-off meeting was held on June 20, 2016. Cooperative agreement was delivered to Caltrans for review on September 13, 2016. Project is in coordination with Caltrans to set up the first PDT meeting pending execution of the Cooperative Agreement. Current work in progress includes data collection, development of traffic study scope, geometric refinement, utility assessment and environmental studies. Additional intersections for traffic study have been added.

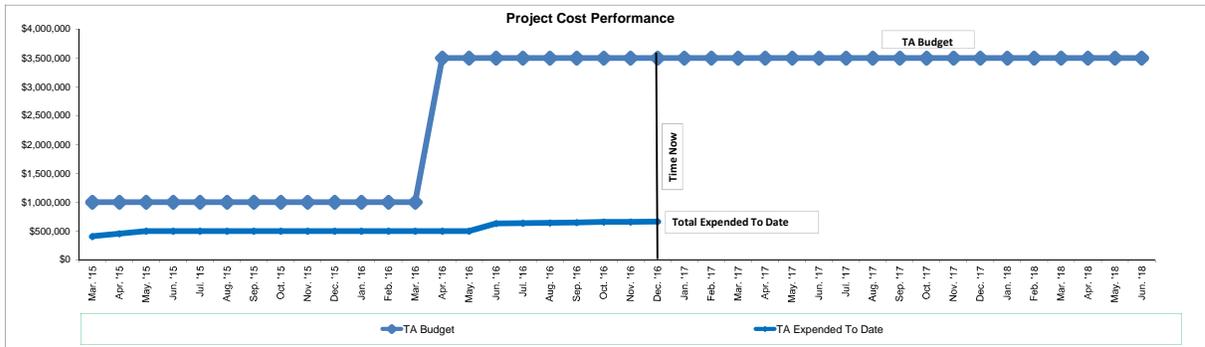
**Issues:** Project Development Team (PDT) meeting with Caltrans is currently being held up by the timely execution of the cooperative agreement.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$3,500,000	\$660,657	\$2,839,343	\$3,500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$3,500,000</b>	<b>\$660,657</b>	<b>\$2,839,343</b>	<b>\$3,500,000</b>	<b>\$0</b>

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



**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 project scoping discussion with City of Burlingame, City of San Mateo and Caltrans.

**Progress This Quarter**

- (1) Coordinated with Caltrans on execution of cooperative agreement.
- (2) Coordinated with City and conducted field visits to generate traffic data collection information.
- (3) Prepared draft Traffic Data Collection Memo to document study intersections and segments to address review comments.
- (4) Developed Traffic Analysis Methodology memo.
- (5) Coordinated with utility companies on the as-built information and updated utility mappings.
- (6) Continued to develop design alternative geometries and coordinated with US 101 Managed Lane geometry.
- (7) Collected and reviewed additional traffic and utility data, and performed property data research.
- (8) Coordinated with City of Burlingame and City of San Mateo staff for planning meetings and public meetings.
- (9) Began preparation of project description, draft APE map and environmental studies.

**Future Activities**

- (1) Finalize Cooperative Agreement.
- (2) Scoping meeting to be held in January/February 2017.
- (3) Re-baseline the project schedule when traffic counts schedule is available.
- (4) Continue work on data collection and review.
- (5) Continue to refine alternative geometry and develop Geometric Approval Drawings (GADs) for each project alternative.
- (6) Continue to coordinate with Caltrans for their concurrence on the traffic study intersection and segment location.
- (7) Develop draft Purpose and Need statement.
- (8) Receive approval of the Permit Application.
- (9) Hold PDT meeting #1.

**Issues:** Additional traffic study would potentially impact the project schedule. The first PDT meeting was postponed pending execution of the Cooperative Agreement.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$3,500,000	100%	\$660,657	19%	\$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>\$660,657</b>	<b>19%</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 Document, 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. The project is currently in construction. Off-ramp modification work began in December 2016. It is estimated that the construction is at 80% completion.

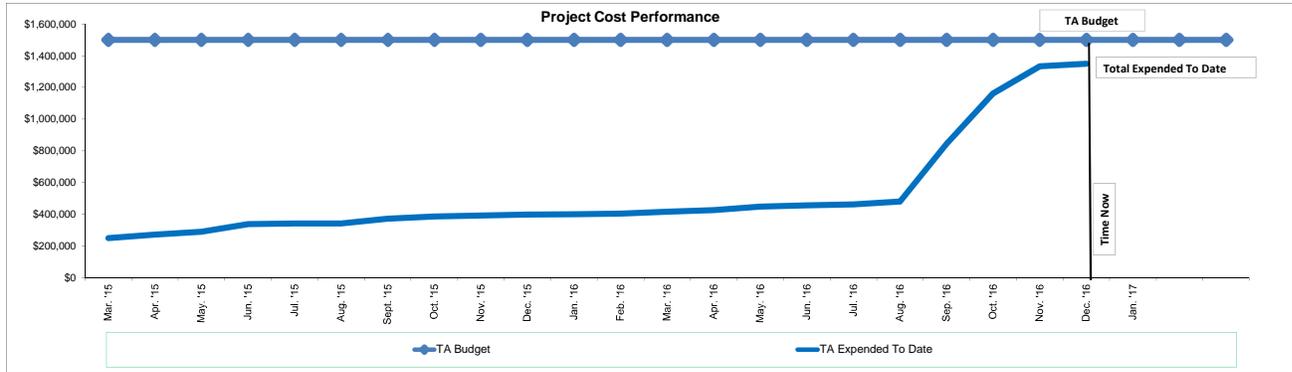
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$1,500,000	\$1,348,609	\$151,391	\$1,500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$1,500,000</b>	<b>\$1,348,609</b>	<b>\$151,391</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	01/31/17

**Progress** (1) Setup traffic control for Poplar Avenue closure.  
**This Quarter:** (2) Completed median construction on Poplar Avenue and Amphlett Boulevard.  
 (3) Began off-ramp modification work.  
 (4) Coordinated with utility owners (PG&E and Calwater).  
 (5) Installed Rectangular Rapid Flash Beacon (RRFB).

**Future Activities** (1) Continue with off-ramp construction.  
 (2) Continue to coordination with Caltrans on off-ramp modification work, including paving, remove K-rail and striping.  
 (3) Perform landscaping work on Humboldt Street and Poplar Avenue.

**Issues:** Due to weather condition, project schedule was slightly delayed.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$1,500,000	100%	\$1,348,609	90%	\$1,500,000	100%
<b>Others</b>						
<b>Federal</b>	\$0	0%	\$0	0%	\$0	0%
<b>State</b>	\$0	0%	\$0	0%	\$0	0%
<b>City</b>	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$1,500,000</b>	<b>100%</b>	<b>\$1,348,609</b>	<b>90%</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.



**TA Role:** Funding Agency.  
**Sponsor:** City of South San Francisco (also implementing agency)

**Project Status Summary:** The PSR-PDS was completed. The City of South San Francisco continues to work to initiate environmental studies (PA&ED phase).

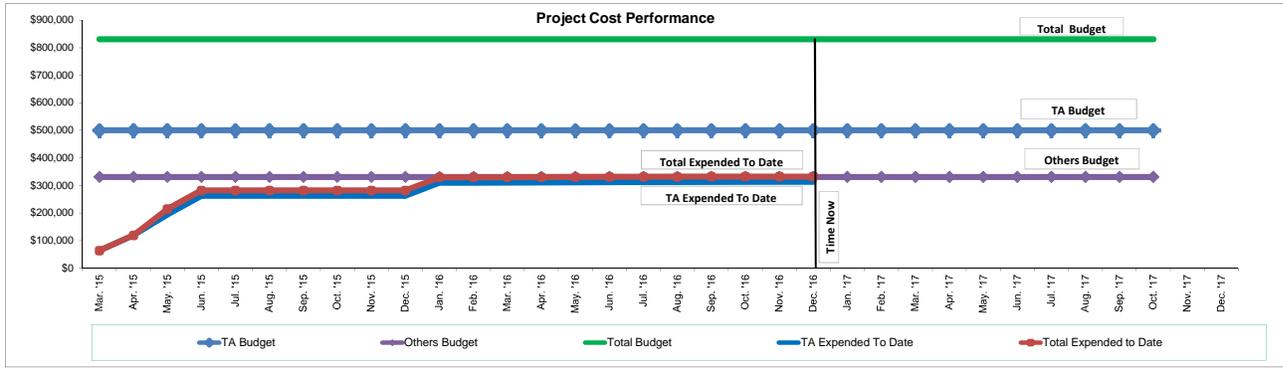
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$500,000	\$331,812	\$0	\$331,812	\$168,188
Others	\$330,660	\$19,000	\$311,660	\$330,660	\$0
<b>Total Project</b>	<b>\$830,660</b>	<b>\$350,812</b>	<b>\$311,660</b>	<b>\$662,472</b>	<b>\$168,188</b>

Note: Budget is for PSR-PDS Phase only.



**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (3/15)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PSR-PDS	04/01/14	11/01/14	07/01/14	07/01/15	07/31/14	08/31/15

**Progress This Quarter:** (1) Preparation of the RFP for the selection of a consultant for the PA&ED phase.

**Future Activities:** (1) Issue RFP for the PA&ED phase.  
 (2) Prepare draft funding agreement.

**Issues:** Schedule for PA&ED will be determined upon selection of a consultant and finalizing scope for the PA&ED phase.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$500,000	60%	\$331,812	100%	\$331,812	50%
Others						
Federal		0%		0%		0%
State		0%		0%		0%
City	\$330,660	40%	\$19,000	6%	\$330,660	50%
<b>Total</b>	<b>\$830,660</b>	<b>100%</b>	<b>\$350,812</b>	<b>53%</b>	<b>\$662,472</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 is yet to be awarded to the low bidder.

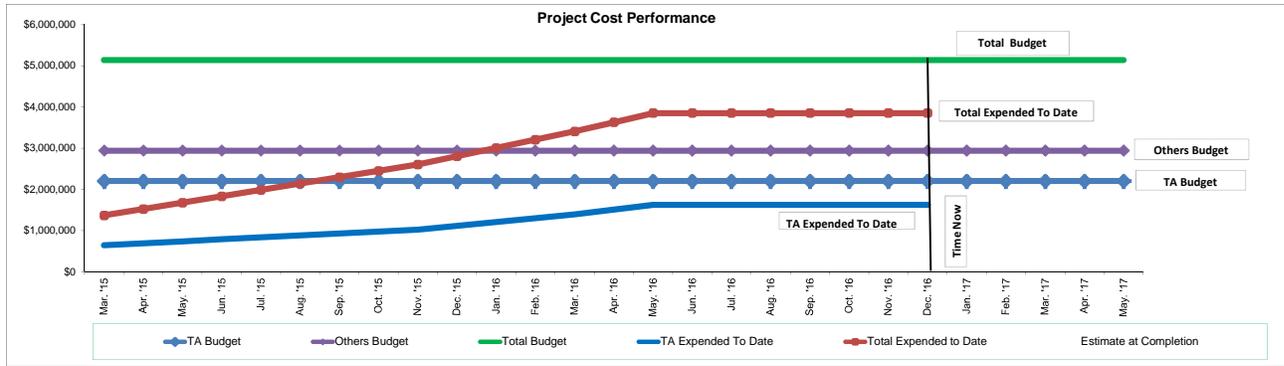
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$2,200,000	\$1,622,939	\$577,061	\$2,200,000	\$0
Others	\$2,940,000	\$2,227,505	\$712,495	\$2,940,000	\$0
<b>Total Project</b>	<b>\$5,140,000</b>	<b>\$3,850,444</b>	<b>\$1,289,556</b>	<b>\$5,140,000</b>	<b>\$0</b>

Note: Budget is for PA&ED and PS&E 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

**Progress This Quarter:** (1) Construction bids were opened.

**Future Activities:** (1) Review construction bids.  
 (2) Award of construction contract.

**Issues:** Construction is scheduled to begin in Spring 2017. Construction schedule will be developed upon award of construction contract.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$2,200,000	43%	\$1,622,939	74%	\$2,200,000	43%
Others			\$2,227,505			
Federal	\$1,980,000	39%		0%	\$1,980,000	39%
State	\$50,000	1%		0%	\$50,000	1%
City	\$910,000	18%		0%	\$910,000	18%
<b>Total</b>	<b>\$5,140,000</b>	<b>100%</b>	<b>\$3,850,444</b>	<b>75%</b>	<b>\$5,140,000</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:** San Bruno and 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. The project is currently in coordination with the Cities to initiate the subsequent phase of the project.

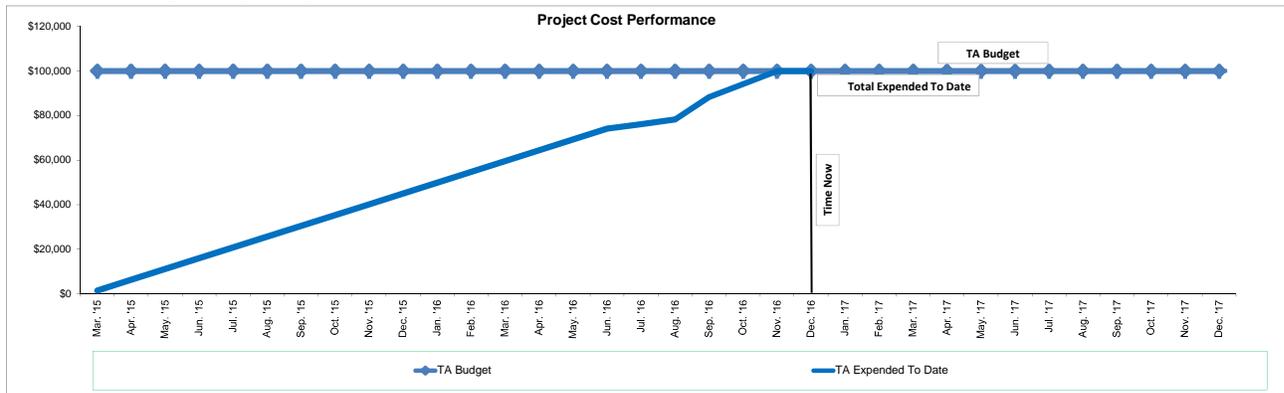
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$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 initiate the work for subsequent phase.

**Future Activities:** (1) Initiate work for subsequent 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.                  Segment 2 – US 101 Auxiliary Lanes – University Avenue to Embarcadero Road.                  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> \$11,366,222</p> <p><b>Remaining</b> \$25,418,949</p>
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**Caltrain - Grade**  
**Separation & Oversight**  
**Level 1**

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

	<b>SMCTA Budget</b> \$74,000,000	<b>Expended</b> \$6,750,179	<b>Remaining</b> \$67,249,821
<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> Reviewed 100% plans, specifications, and estimate. Project construction has been advertised. Discussed construction staging plans, and operational impacts with Caltrain and stakeholders. Continued appraisals and negotiations for right-of-way acquisition. Continued discussions with third party utilities regarding utility relocation efforts. Began traffic analysis and studies to support discussions with Caltrans regarding encroachment permit for work along El Camino Real. Regular coordination meetings with the City, Caltrain, and SMCTA began to discuss project development progress at a higher level and preparation for construction phase. Continued agreement revisions between the SMCTA and CHSRA. 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>			
	<b>SMCTA Budget</b> \$1,000,000	<b>Expended</b> \$813,539	<b>Remaining</b> \$186,461
<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> City and JPB/Caltrain received final version of the Project Study Report. City prepared updated costs for environmental clearance (PA/ED) and final design (PS&amp;E) for funding applications.</p>			

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

<p><b>SMCTA Budget</b> \$650,000</p> <p><b>Expended</b> \$0</p> <p><b>Remaining</b> \$650,000</p>	<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> This project is on-hold per JPB to address and closeout prior administrative tasks with the San Bruno Grade Separation project before starting on this planning study. JPB met with the Cities of San Bruno and South San Francisco to conduct a project "refresh" meeting and go over tasks.</p>
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<p><b>SMCTA Budget</b> \$750,000</p> <p><b>Expended</b> \$302,528</p> <p><b>Remaining</b> \$447,472</p>	<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> Hosted a community meeting and posted summary and presentation material to the project web page. Presented to Bicycle, transportation and planning commissions. Continued stakeholder outreach and developing alternatives.</p>
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# **Pedestrian and Bicycle** **Program Project**

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	Contracts are being finalized for engineering and design consultants.	Mar 2016	\$882,036	\$0	\$882,036
Burlingame	California Drive/Bellevue Avenue Bike Pedestrian Roundabout	Preliminary design/environmental, final design, right-of-way, construction	Third public meeting was held to address architectural features.	Apr 2014	\$1,000,000	\$175,335	\$824,665
Daly City	Enhanced Pedestrian and Bicycle Visibility Project	Final design and construction	Final design was at 60% completion.	Mar 2016	\$337,500	\$11,000	\$326,500
Daly City	John Daly Boulevard Streetscape Improvements	Construction	Construction began such as sidewalks, benches, installation of bioswales and grading the medians.	Apr 2014	\$1,000,000	\$337,951	\$662,049
East Palo Alto	Highway 101 Pedestrian/ Bicycle Overcrossing	Planning and preliminary design/environmental	Final design was 100% complete and submitted to Caltrans for review. City submitted a request to amend their funding agreement to modify the scope of work to include final design to allow the drawdown of the remaining allocated funds from cost savings. TA is preparing amendment for execution.	Jul 2011	\$300,000	\$0	\$300,000
Half Moon Bay	Main Street Bridge Bike Lanes and Sidewalks	Design and construction	A first amendment to the funding agreement was executed for a change in scope and time extension.	Jul 2011	\$500,000	\$0	\$500,000
Menlo Park	Haven Avenue Streetscape Project	Preliminary design/environmental, final design and construction	Final design was nearing 100% completion.	Apr 2014	\$170,000	\$15,871	\$154,129
Menlo Park	Menlo Park-East Palo Alto Connectivity Project	Construction	Construction continued with demolition, installation of ADA curbs and ramps and signs. City maintained community engagement. Project was at 95% completion.	Apr 2014	\$395,000	\$317,651	\$77,349
Menlo Park	Middle Avenue Pedestrian and Bicycle Crossing	Preliminary engineering/environmental	Finalized project scope details for the RFP package which included phasing the project. City decided to move forward with a one phase approach.	Mar 2016	\$490,000	\$14,247	\$475,753
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): Engineering and design contracts were executed. Final design was at 50% completion.	Apr 2014	\$309,500	\$177,277	\$132,223
Redwood City	Highway 101 Pedestrian and Bicycle Undercrossing	Construction	Coordination with Caltrans and Army Corps took place for permitting. Utility relocation in progress and on track to be completed for construction.	Mar 2016	\$500,000	\$0	\$500,000
Redwood City	Hudson Street Bicycle and Pedestrian Improvements	Design and construction	Project was re-advertised for bid. City selected JJR Construction as the contractor for the project.	Jul 2011	\$532,640	\$60,000	\$472,640
Redwood City	Kennedy Safe Routes to School Project	Construction	Final design was at 65% completion. Construction anticipated to start June 2017.	Mar 2016	\$500,000	\$0	\$500,000

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
Redwood City	Safe Routes to Schools	Final design and construction	Minor modifications were made to 100% final design. Project was ready to go out to bid for construction.	Apr 2014	\$976,780	\$135,430	\$841,350
San Bruno	El Camino Real/Angus Ave Intersection Improvements	Final design and construction	Final design was 100% complete and sent to Caltrans for approval.	Apr 2014	\$300,000	\$38,000	\$262,000
San Bruno	Transit Corridor Pedestrian Connection Project	Design and construction	Prepared and updated Request For Proposal (RFP) to go out to bid for design consultant.	Jul 2011	\$350,000	\$0	\$350,000
San Mateo	Hillsdale/101 Bridge Project	Preliminary design/ environmental	City informed the TA that it will be submitting a request to amend their funding agreement for a second time to allow for a nine month time extension which will include a Caltrans approval.	Apr 2014	\$875,000	\$710,680	\$164,320
San Mateo	North San Mateo Drive Pedestrian and Bicycle Improvement Project	Construction	Design was at 65% completion. Due to an awarded state grant, design services agreement was amended to incorporate green infrastructure elements. Construction anticipated to start May 2017.	Mar 2016	\$200,000	\$0	\$200,000
San Mateo County	Complete the Gap Trail	Preliminary engineering, environmental and final design	Onsite project kickoff meeting with consultant, contractor and subs was held. Field work was completed in preparation for a biological report.	Mar 2016	\$300,000	\$5,969	\$294,031
San Mateo County	Midcoast Multimodal Trail	Preliminary design/ environmental and final design	Final design was at 40% completion. The draft environmental document was completed and circulated for public comment. County worked with Caltrans regarding the encroachment permit application process and determined the project will engage through a Permit Engineering Evaluation Report (PEER) review.	Apr 2014	\$500,000	\$128,383	\$371,617
South San Francisco	Sunshine Gardens Safety and Connectivity Improvements Project	Preliminary engineering, environmental, final design and construction	Measure A funding agreement was fully executed.	Mar 2016	\$504,000	\$0	\$504,000
Woodside	Alameda De Las Pulgas Bike and Pedestrian Improvements	Final design and construction	Final design at 60% and was submitted for Town review.	Mar 2016	\$275,000	\$18,848	\$256,152



## 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.

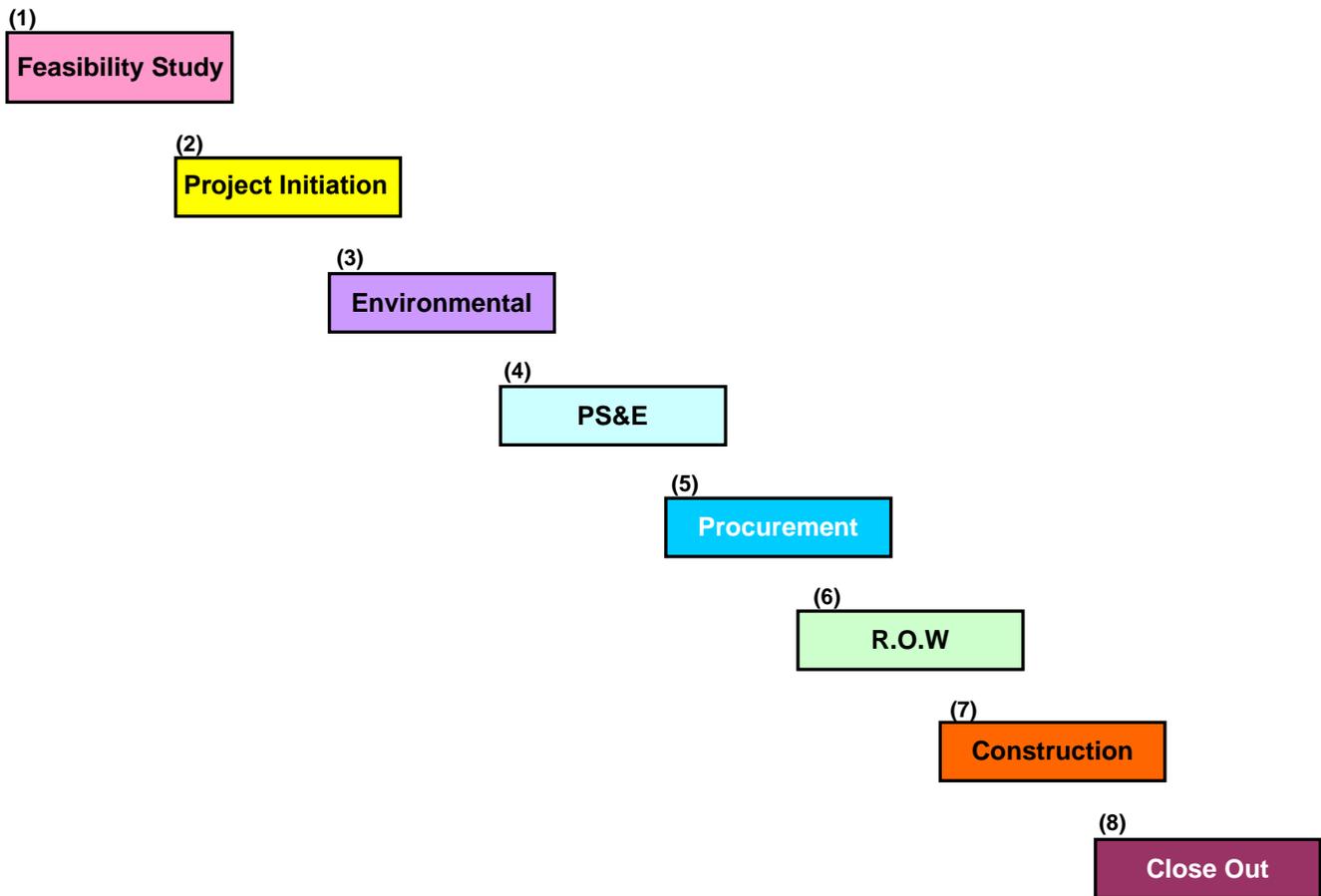
**PSR** – Project Study Report – A report providing conceptual project information including project scope, environmental assessment, feasibility, scope, costs and schedule.

**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.



San Mateo County Transportation Authority

CAPITAL PROJECTS – Quarterly Progress Report

**Traffic Light Report Criteria**

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