

# Capital Projects

## Quarterly Status Report

**4th Quarter FY2017 : April 01 - June 30, 2017**

**Report prepared for the September 07, 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 a new Broadway Overcrossing with a wider structure and new ramp connections to US 101 to address traffic congestion and safety concerns. TA was responsible for completing the Project Initiation Document (PID), Project Report, Environmental Documents (PA&ED), and Plan, Specifications and Estimate (PS&E). TA also developed the Right-of-Way Certification for the project. Caltrans is the implementation agency for the Construction phase, and is responsible for utility relocation oversight. 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 City right-of-ways. Planting on Caltrans right-of-way will be part of 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 the final phase of construction. Caltrans is performing construction administration and inspection, and has reported that the contractor has completed approximately 88% of the construction contract work, 89% of the scheduled time has been used and 78% of the budgeted cost has been expended.

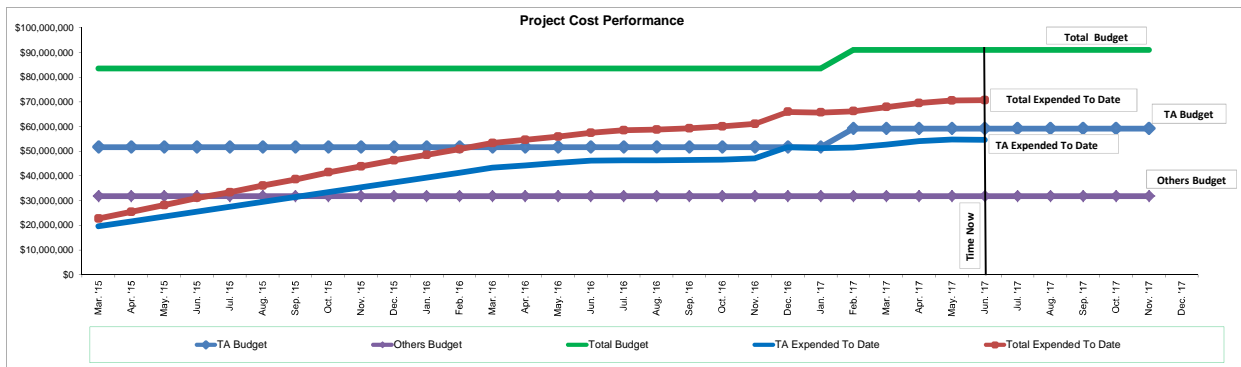
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$59,187,000	\$54,547,566	\$4,639,434	\$59,187,000	\$0
Others	\$31,831,000	16,078,928	\$15,752,072	\$31,831,000	\$0
<b>Total Project</b>	<b>\$91,018,000</b>	<b>\$70,626,494</b>	<b>\$20,391,506</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:** None.

**Schedule:**



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

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

**Progress**

- This Quarter:**
- Completed US 101 northbound and southbound on-ramp, and northbound off-ramp construction for the traffic switch at ramp intersections.
  - Installed concrete barrier and metal beam guard rail on northbound US 101 on-ramp, Airport Boulevard and Pedestrian path.
  - Constructed misc. pavement areas and roadway sections in the vicinity of Broadway, Bayshore Highway and Rollins Road for traffic switch at Broadway/Bayshore Highway Intersection.
  - Constructed subgrade for Airport Boulevard and Pedestrian walkways.
  - Installed asphalt concrete ditch and concrete barriers at US 101 southbound.
  - Completed final utility work, including gas vent relocation and utility joint trenching.
  - Commenced work on Crowne Plaza driveway.

**Future Activities:**

- Install replacement signs at Crowne Plaza and Valero Gas Station.
- Complete permanent erosion control.
- Install remaining fencing throughout the project.
- Install final paving at Crowne Plaza entrance and parking lot, US 101 Mainline, ramps and City street.
- Install traffic detector loops and final striping at Broadway and Bayshore Hwy.
- Install final permanent roadside signs.
- Prepare for ribbon cutting ceremony scheduled for September 14, 2017.

**Issues:** None.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$59,187,000	65%	\$54,547,566	92%	\$59,187,000	65%
<b>Others</b>						
<b>Federal</b>	\$3,613,000	4%	\$1,751,236	48%	\$3,613,000	4%
<b>State</b>	\$23,218,000	26%	\$12,258,654	53%	\$23,218,000	26%
<b>City</b>	\$5,000,000	5%	\$2,069,038	41%	\$5,000,000	5%
<b>Total</b>	<b>\$91,018,000</b>	<b>100%</b>	<b>\$70,626,494</b>	<b>78%</b>	<b>\$91,018,000</b>	<b>100%</b>

**Issues:** None.

**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 were approved in November 2015. Caltrans completed the Plans, Specifications & Estimate (PS&E), and the project received Right-of-Way Certification. In July 2016, TA entered into a Cooperative Agreement with Caltrans and City of Menlo Park for the Construction phase of the project. Project was advertised on September 26, 2016. Project bids were opened on December 16, 2016. Construction contract was awarded on February 10, 2017. Notice to proceed was issued on May 5, 2017. Groundbreaking ceremony was held on May 16, 2017.

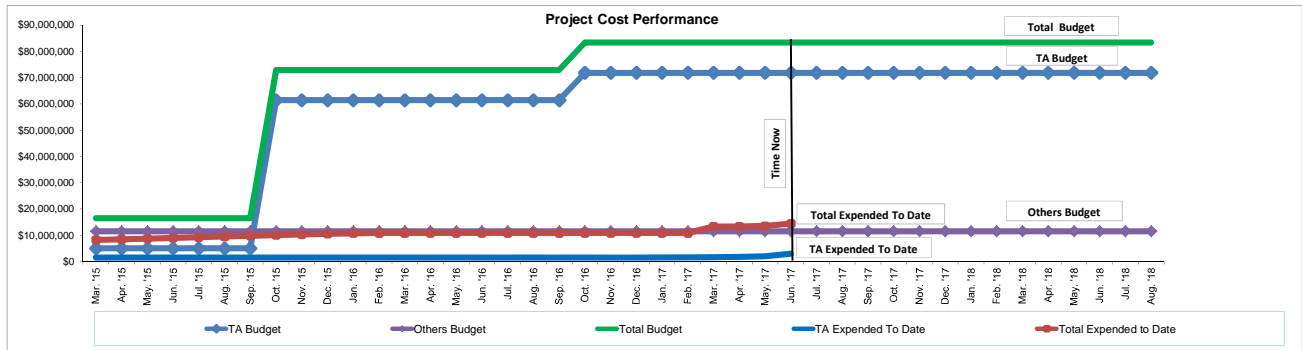
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$71,800,000	\$2,932,478	\$68,867,522	\$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>\$14,484,478</b>	<b>\$68,867,522</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:** Necessary clearance for the placement of required K-rails per design documents cannot be provided under the field condition, resulting in the need for temporary ramp widening. Temporary ramp widening will potentially add construction cost.

**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 notice to proceed was issued on May 5, 2017.
- (2) Groundbreaking ceremony was held in Menlo Park on May 16, 2017.
- (3) Storm Water Pollution Prevention Permit was issued to the project.
- (4) Mobilized for construction.
- (5) Began clearing and grubbing, and tree removal.
- (6) Place traffic signs, k-rails and temporary detours for stage construction.
- (7) Temporary ramp widening for stage construction.

**Future Activities:**

- (1) Continue clearing and grubbing, and tree removal.
- (2) Mobilize bicyclist and pedestrian shuttle service (24 hours per day / 7 days per week) to accommodate roadway closure/detour, and demolition of existing pedestrian/bicyclist facility.
- (3) Install temporary striping for stage construction.
- (4) Relocate waterline on Pierce Road and E. Bayshore Road.
- (5) Mobilize for ground improvements work.
- (6) Relocate gas line on Van Buren Road.

**Issues:** Potential schedule impacts due to nesting birds.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$71,800,000	86%	\$2,932,478	4%	\$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>\$14,484,478</b>	<b>17%</b>	<b>\$83,352,000</b>	<b>100%</b>

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

**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. The City is currently seeking other funding sources to cover the budget increase associated with PS&E, right-of-way and utility verification work.

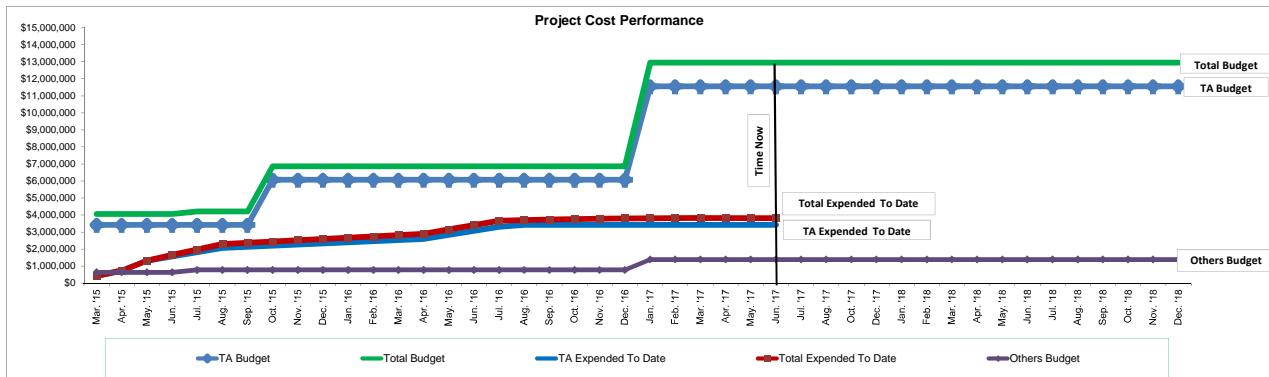
**Issues:** None

**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	\$2,497,076	\$2,894,000	(\$1,500,000)
<b>Total Project</b>	<b>\$12,954,000</b>	<b>\$3,816,924</b>	<b>\$10,637,076</b>	<b>\$14,454,000</b>	<b>(\$1,500,000)</b>

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



**Issues:** The City has identified \$1.5 million of budget shortfall due to increase in the estimated costs for PS&E, right-of-way and utility verification services.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (3/15)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PA&ED	09/01/13	09/01/15	10/10/13	10/01/15	10/24/13	12/19/16
PS&E	08/01/17	05/01/20	08/01/17	05/01/20	08/01/17	05/01/20
Right-of-Way	08/01/17	05/01/20	08/01/17	05/01/20	08/01/17	05/01/20

**Progress This Quarter:** (1) Conducted right-of-way scoping meeting with Redwood City in April 25, 2017.  
 (2) Redwood City continued to establish the funding agreement with TA and cooperative agreement with Caltrans.  
 (3) SMCTA met with Redwood City to review budget and project scope in May 25, 2017.

**Future Activities:** (1) Execution of a Funding Agreement.  
 (2) Execution of a Caltrans Cooperative Agreement.  
 (3) Authorize consultant's design scope and fee, and issue notice-to-proceed to consultant to proceed with design work.

**Issues:** None.

**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	80%
<b>Others</b>						
<b>Federal</b>	\$0	0%	\$0	0%	\$0	0%
<b>State</b>	\$0	0%	\$0	0%	\$0	0%
<b>City</b>	\$1,394,000	11%	\$396,924	14%	\$2,894,000	20%
<b>Total</b>	<b>\$12,954,000</b>	<b>89%</b>	<b>\$3,816,924</b>	<b>26%</b>	<b>\$14,454,000</b>	<b>80%</b>

**Issues:** The City is seeking other funding sources to cover the \$1.5 million budget increase associated with PS&E, right-of-way and utility verification work.



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

**Scope:** The project replaces the existing San Pedro Creek Bridge on State 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 administrated by Caltrans is now complete. Off-site Mitigation is also complete. Project is currently in the plant establishment and biological monitoring phases. 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.

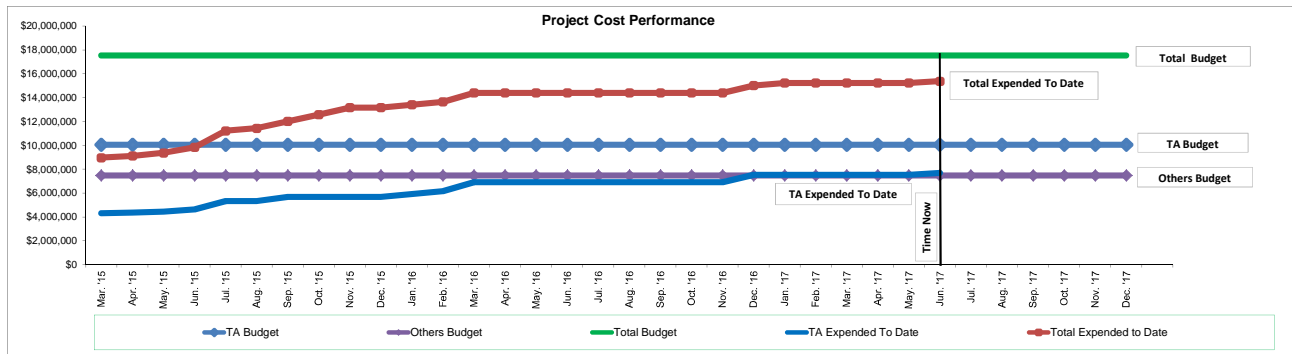
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$10,054,000	\$7,688,361	\$762,639	\$8,451,000	\$1,603,000
Others	\$7,790,381	\$7,691,240	\$99,141	\$7,790,381	\$0
<b>Total Project</b>	<b>\$17,844,381</b>	<b>\$15,379,601</b>	<b>\$861,780</b>	<b>\$16,241,381</b>	<b>\$1,603,000</b>

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



**Issues:** None.

**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/ Bio. Monitoring (Phase I)	10/15/15	11/30/17	10/15/15	11/30/17	10/15/15	11/30/17
Bio. Monitoring (Phase II)	11/30/17	11/30/20	11/30/17	11/30/20	11/30/17	11/30/20

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

**Future Activities:** (1) Continue plant establishment and biological monitoring.  
 (2) Conduct meeting with City of Pacifica and Caltrans to discuss the agencies' roles and responsibilities, scope and budget for the

**Issues:** None.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$10,054,000	56%	\$7,688,361	91%	\$8,451,000	52%
Others						
Federal	\$4,446,000	25%	\$4,446,000	100%	\$4,446,000	27%
State	\$3,194,381	18%	\$3,095,240	97%	\$3,194,381	20%
City	\$150,000	1%	\$150,000	100%	\$150,000	1%
<b>Total</b>	<b>\$17,844,381</b>	<b>100%</b>	<b>\$15,379,601</b>	<b>95%</b>	<b>\$16,241,381</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 staff (located in the vicinity of the Project limits) about the Project and potential benefits and impacts.

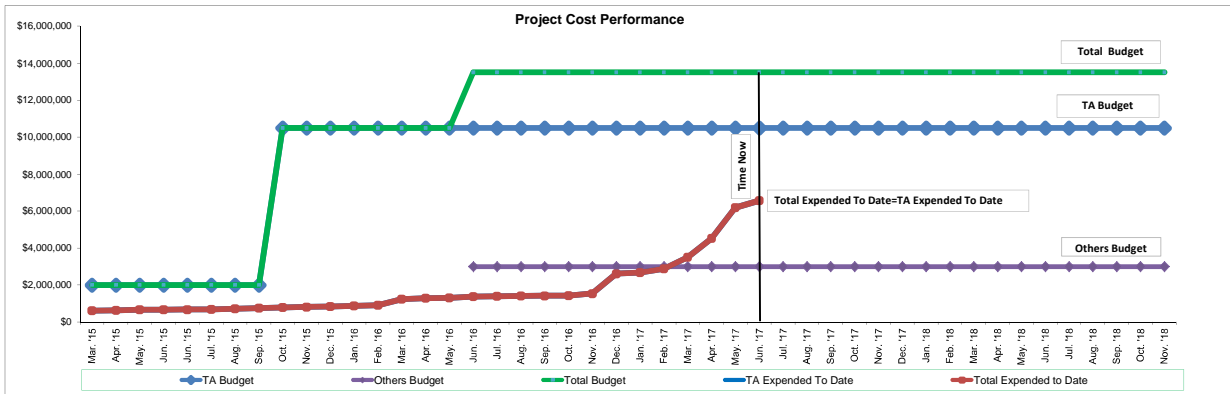
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$10,500,000	\$6,567,281	\$3,932,719	\$10,500,000	\$0
Others	\$3,000,000	\$0	\$0	\$3,000,000	\$0
<b>Total Project</b>	<b>\$13,500,000</b>	<b>\$6,567,281</b>	<b>\$6,932,719</b>	<b>\$13,500,000</b>	<b>\$0</b>

**Note:** Budget is for PID and PA&ED phases only. An additional \$9.5 M of federal funds were secured for the project for preliminary engineering work but are not reflected in the table above.



**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 Air Quality modeling.
  - (2) Caltrans final review of the Noise Study.
  - (3) Caltrans final review of the Community Impact Analysis (CIA).
  - (4) Submitted the final Storm Water Data Report for Caltrans final review.
  - (5) Caltrans final review of the Location Hydraulic & Floodplain Study Report.
  - (6) Received final Caltrans approval of the Wetlands Delineation Study.
  - (7) Submitted the Historical and Architectural Resource Study.
  - (8) Conducted community meetings in Redwood City and San Mateo.
  - (9) Finalized Geometrics.
  - (10) Caltrans reviewed the draft Advance Planning Study.

- Future Activities:**
- (1) Prepare and submit the draft Traffic Operations Analysis Report (TOAR).
  - (2) Prepare the Noise Abatement Decision Report (NADR).
  - (3) Prepare and submit the draft Air Quality Report (AQR).
  - (4) Final review and approval of Natural Environmental Study Report (NES).
  - (5) Prepare and submit the first admin IS/EA.

**Issues:** None.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$10,500,000	78%	\$6,567,281	63%	\$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>\$6,567,281</b>	<b>49%</b>	<b>\$13,500,000</b>	<b>100%</b>

\* An additional \$9.5 M of federal funds were secured for the project for preliminary engineering work but are not reflected in the table above.

\*\* \$3M from SAMCEDA funding agreement.

**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.

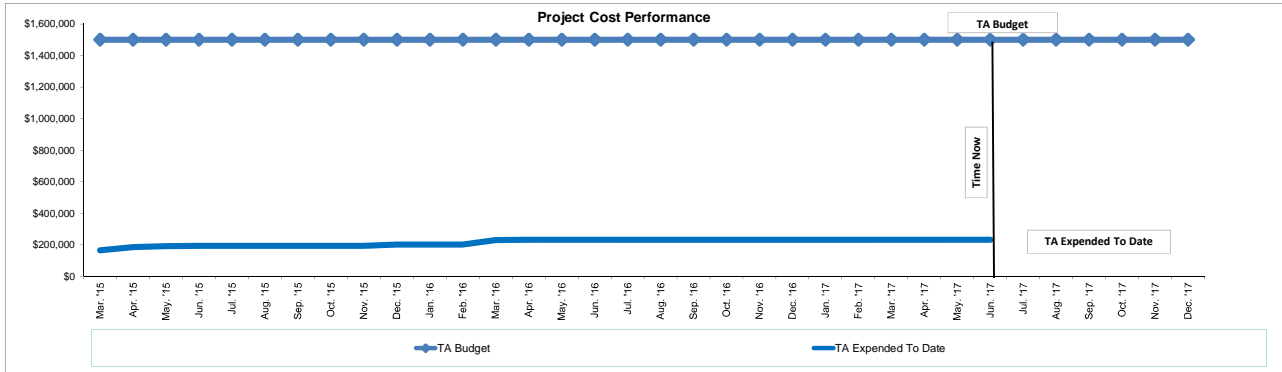
**Issues:** None.

**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, PEER and construction phases. Any cost saving from PEER phase will be made available for subsequent construction phase.



**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (3/15)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PPS	03/03/14	06/30/15	03/03/14	12/31/15	03/03/14	08/31/15
PEER	TBD	TBD	TBD	TBD	TBD	TBD

**Progress This Quarter:**

- (1) Conducted project coordination call with PG&E on 4/20/17.
- (2) Established agencies' roles and responsibilities to move the project forward through the PEER phase.
- (3) Refined the terms and conditions of the Memorandum of Understanding (MOU) between TA and County of San Mateo.
- (4) Prepared and submitted a letter to formally request that Caltrans designate the Gray Whale Cove Improvements as a PEER project.

**Future Activities:**

- (1) City to conduct meeting with Caltrans to discuss future partnership role for construction.
- (2) Execute a 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, and 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 were 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.

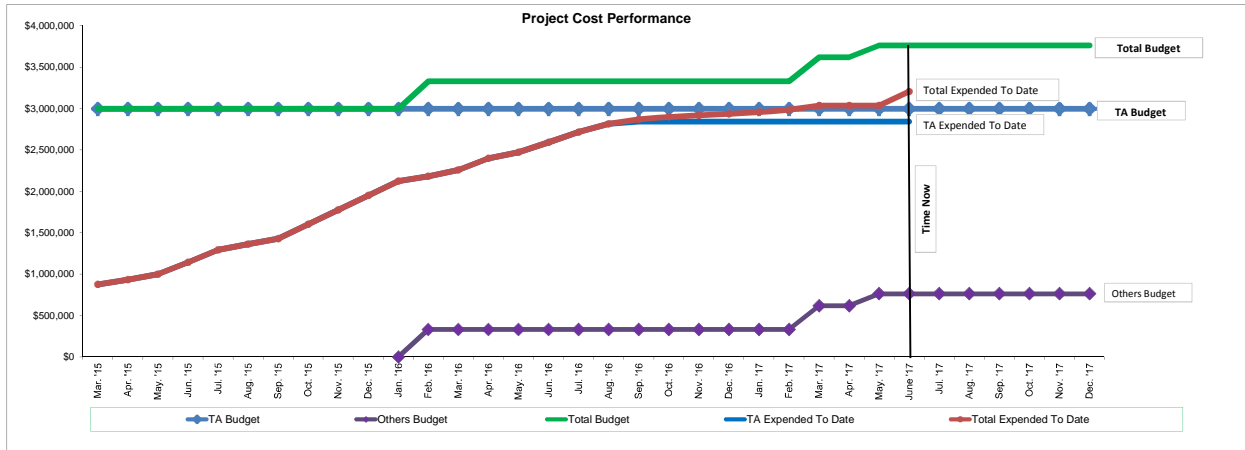
**Issues:** City allocated additional funds for PS&E and right-of-way phases to cover the expanded scope of work for utility relocation and retaining wall design.

**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	\$763,063	\$365,686	\$397,377	\$763,063	\$0
<b>Total Project</b>	<b>\$3,763,063</b>	<b>\$3,207,913</b>	<b>\$397,378</b>	<b>\$3,605,291</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.



**Issues:** In May 2017, City allocated additional \$143,655 to cover the increased costs and scope associated with utility relocation and retaining wall design.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (3/15)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PA&ED	05/01/13	12/31/14	05/01/13	05/22/15	05/01/13	06/19/15
PS&E	07/30/15	10/30/16	07/30/15	12/30/16	07/30/15	09/30/17
Right of Way	07/30/15	12/30/16	07/30/15	12/30/16	07/30/15	09/30/17

**Progress This Quarter:**

- (1) Continued on retaining walls and barriers design, and updated geometry for intersection.
- (2) Coordinated with Architect and lighting consultant on Arcs, LED lighting and decorative lighting features.
- (3) Coordinated with Caltrans District Headquarters on approval of aesthetic for project.
- (4) Continued on right-of-way negotiations and acquisitions, and utility relocation process.
- (5) Prepared draft Right-of-Way Certification.
- (6) Revised drainage design to avoid wetland impacts.

**Future Activities:**

- (1) Finalize and deliver 100% PS&E for Caltrans approval.
- (2) Complete right-of-way and utility activities for Right-of-Way Certification.
- (3) Begin project closeout document for the PS&E and right-of-way phases.
- (4) Conduct project planning meeting to discuss funding needs for subsequent construction phase of the project.

**Issues:** The completion of the PS&E and right-of-way phases have been delayed due to additional work associated with SMART corridor utility relocation, additional retaining walls, and the decorative arches. The project is currently forecasting completion on September 30, 2017.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$3,000,000	80%	\$2,842,228	100%	\$2,842,228	79%
Others						
Federal		0%		0%		0%
State		0%		0%		0%
City	\$763,063	20%	\$365,686	48%	\$763,063	21%
<b>Total</b>	<b>\$3,763,063</b>	<b>0%</b>	<b>\$3,207,913</b>	<b>89%</b>	<b>\$3,605,291</b>	<b>100%</b>

**Issues:** The current funding table does not include the \$16.54 M funding for construction phase and post right-of-way certification work. A total of \$10.72 M of Measure A funds were allocated for construction and right-of-way which included \$150,000 of TA program support cost. A total of \$5.82 M of City matching funds were made available for construction, construction support and right-of-way. Allocation of Measure A funds were conditioned upon the completion of design. The City has identified an approximate of \$3 million shortfall in construction funds due to additional costs associated with SMART corridor utility relocation, additional retaining walls, and the decorative arches.

**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 subsequent phases of the project. The project is located in close proximity to the SR 92/ Delaware Interchange and may be combined with the SR 92/ Delaware Interchange project (000792) in the future phase.

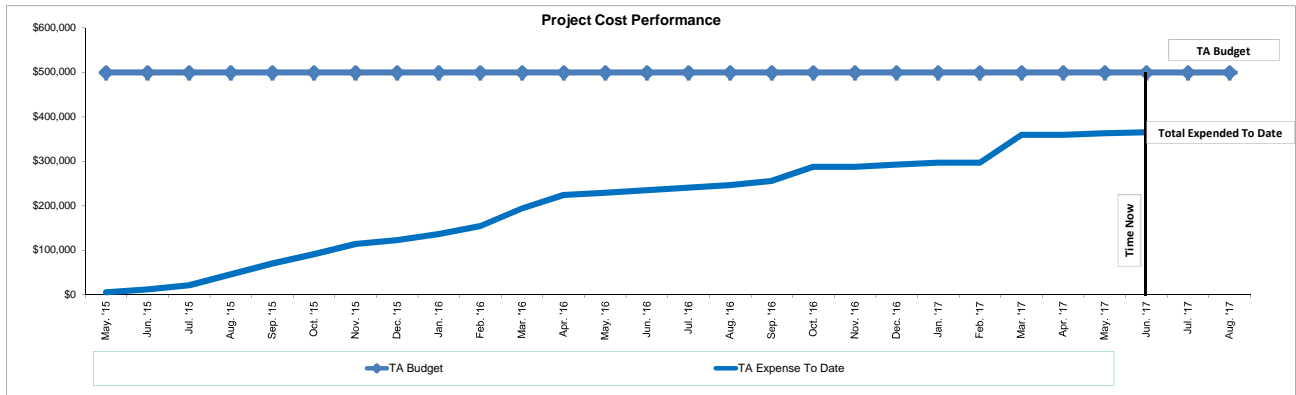
**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$500,000	\$365,363	\$0	\$365,363	\$134,637
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$500,000</b>	<b>\$365,363</b>	<b>\$0</b>	<b>\$365,363</b>	<b>\$134,637</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) Coordinated with the US 101 Managed Lane project for improvement needs.

**Future Activities:** (1) Coordinate with Foster City, San Mateo & C/CAG to determine the partnership roles for subsequent phases of the Project.  
 (2) Continue to 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%	\$365,363	100%	\$365,363	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>\$365,363</b>	<b>100%</b>	<b>\$365,363</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&E) 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 completed. The PA&E phase commenced on June 1, 2016. The kick-off meeting was held on June 20, 2016. TA entered a Cooperative Agreement with Caltrans in January 2017 for Caltrans to perform Independent Quality Assurance, and review and approval of environmental documents. The Project is currently in scoping for traffic study. Other environmental and technical studies are currently on hold until traffic scoping is complete.

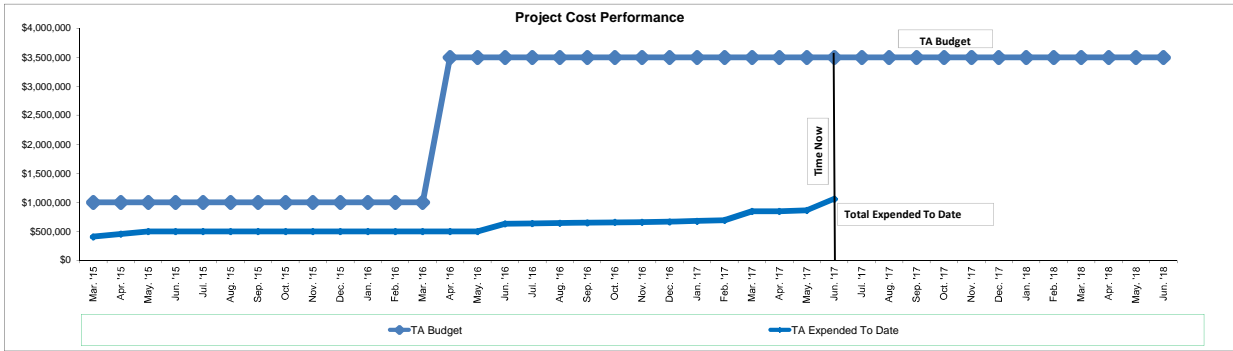
**Issues:** Delay in issuing baseline schedule due to additional public meetings requested by the City of Burlingame to address potential traffic impact on City's streets.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$3,500,000	\$1,057,100	\$2,442,900	\$3,500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$3,500,000</b>	<b>\$1,057,100</b>	<b>\$2,442,900</b>	<b>\$3,500,000</b>	<b>\$0</b>

Note: Budget is for PID and PA&E 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 traffic scoping is finalized.

**Progress This Quarter:**

- (1) Conducted PDT meeting on April 18, 2017.
- (2) Conducted public meeting in the city of Burlingame on May 16, 2017.
- (3) Conducted public meeting in the city of San Mateo on May 17, 2017.
- (4) Conducted traffic counts and reviewed traffic data.

**Future Activities**

- (1) Continue to discuss with City of Burlingame and City of San Mateo for the scope of traffic study based on the feedback received from public meetings.
- (2) Set baseline schedule when traffic counts are completed and scope is determined.
- (3) Continue to develop draft Purpose and Need statement.
- (4) Resume environmental studies and other technical studies when scoping for traffic study is finalized.

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

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$3,500,000	100%	\$1,057,100	30%	\$3,500,000	100%
<b>Others</b>	\$0	0%				
<b>Federal</b>	\$0	0%	\$0	0%	\$0	0%
<b>State</b>	\$0	0%	\$0	0%	\$0	0%
<b>City</b>	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$3,500,000</b>	<b>100%</b>	<b>\$1,057,100</b>	<b>30%</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 the US-101/Polar Avenue Interchange. This project will raise the median on Poplar Avenue from Route 101 to Idaho street. The City was responsible for completing the Environmental, Design and Construction phases of the project.



**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 are at 100% completion and project is in closeout phase.

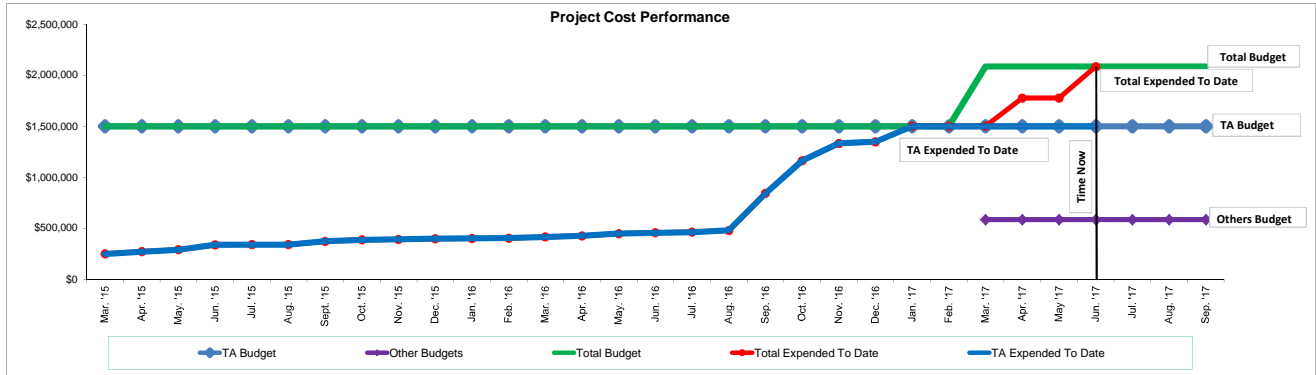
**Issues:** None.

**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	\$585,245	\$585,245	\$0	\$585,245	\$0
<b>Total Project</b>	<b>\$2,085,245</b>	<b>\$2,085,245</b>	<b>\$0</b>	<b>\$2,085,245</b>	<b>\$0</b>

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



**Issues:** City allocated additional funds in March 2017 to cover additional costs associated with unforeseen site conditions during construction.

**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	08/31/17

**Progress:** (1) Completed the punch list.  
**This Quarter:** (2) Continued to prepare the Project Closeout Report and financial closeout.

**Future Activities:** (1) Closeout of Project.

**Issues:** Completion of project closeout is extended to August 31, 2017 to allow for processing of final project invoice and payment.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$1,500,000	72%	\$1,500,000	100%	\$1,500,000	72%
<b>Others</b>						
<b>Federal</b>	\$0	0%	\$0	0%	\$0	0%
<b>State</b>	\$0	0%	\$0	0%	\$0	0%
<b>City</b>	\$585,245	28%	\$585,245	100%	\$585,245	28%
<b>Total</b>	<b>\$2,085,245</b>	<b>100%</b>	<b>\$2,085,245</b>	<b>100%</b>	<b>\$2,085,245</b>	<b>100%</b>

**Issues:** City allocated additional funds to cover additional costs associated with unforeseen site conditions during construction.

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

**Scope:** Project scope is to study alternatives for a new interchange and street that connect from Utah Street on the east side of US 101 to San Mateo Avenue on the west side of US 101. The Project proposes to improve traffic operations and to provide a local east-west connection across US 101 for the southern neighborhoods of the City.



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

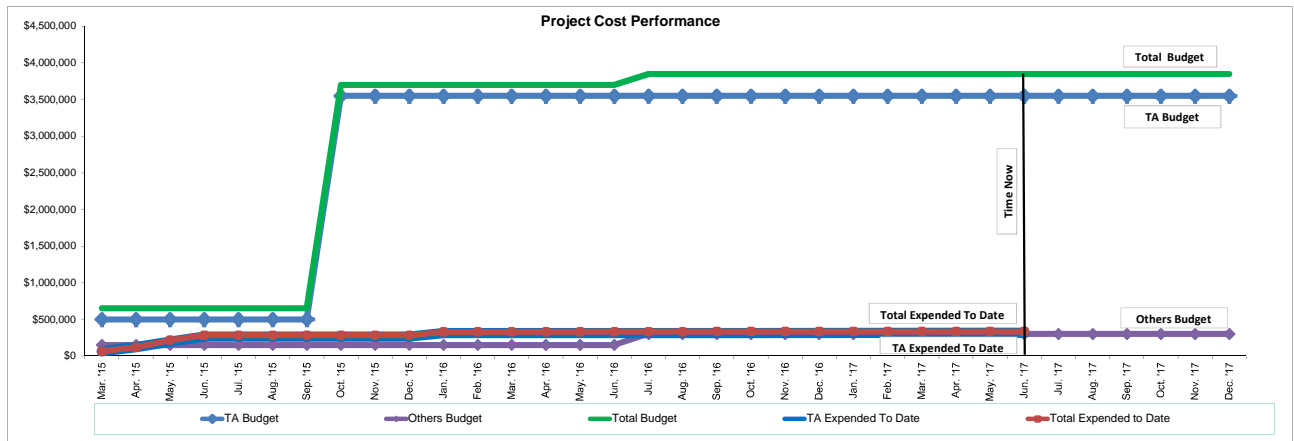
**Issues:** None.

**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	07/20/17	09/15/19

**Progress This Quarter:** (1) Finalized consultant scope of work and agreement for PA&ED phase.

**Future Activities:** (1) Issue Notice-to-Proceed to consultant to proceed with PA&ED scope of work in July 2017.  
 (2) Update project PA&ED schedule.

**Issues:** None.

**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 / SR 82 (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 82.



**TA Role:** Funding Agency.  
**Sponsor:** City 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. Bids opened on December 6, 2016. Construction contract was awarded in January 2016. Notice-to-Proceed was issued on April 17, 2017 and the project kick-off meeting was held on April 24, 2017. The Caltrans progress report noted that the Contractor has completed 22% of the contract work, and 14% of the scheduled time has been used.

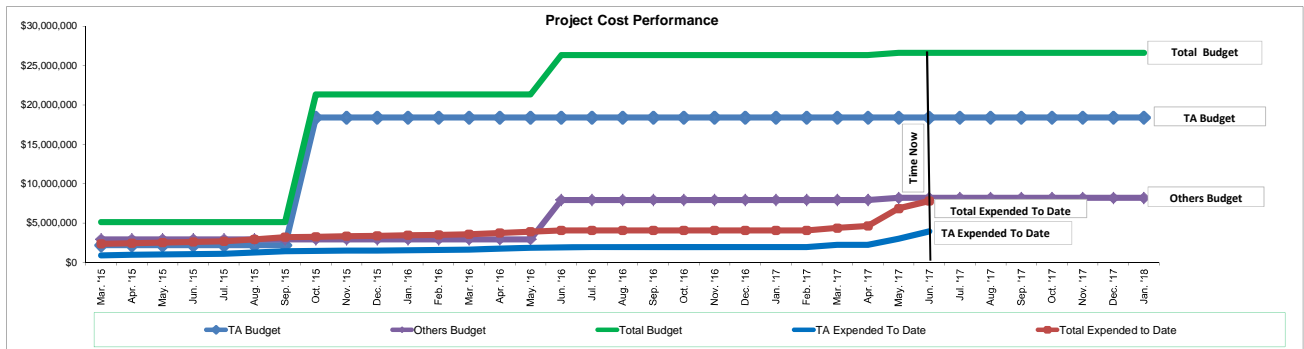
**Issues:** Weather condition could potentially affect the placement of rubberized hot mix asphalt per project specifications and delay the project schedule.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$18,400,000	\$3,970,765	\$14,429,235	\$18,400,000	\$0
Others	\$8,211,535	\$3,850,757	\$4,360,778	\$8,211,535	\$0
<b>Total Project</b>	<b>\$26,611,535</b>	<b>\$7,821,522</b>	<b>\$18,790,013</b>	<b>\$26,611,535</b>	<b>\$0</b>

Note: Budget is for PA&E, 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) Notice-to-Proceed was issued on April 17, 2017.
- (2) Kick-off partnering meeting was held on April 27, 2017.
- (3) Mobilized project for construction.
- (4) Completed clearing and grubbing, and tree removal.
- (5) Caltrans set up website to notify public of the project's construction activities and impact.
- (6) Amended Caltrans Cooperative Agreement for additional soundwall funded by the City of San Mateo.
- (7) Constructed Cast-in-Drilled Hole Piles for retaining walls.
- (8) Began excavation and temporary widening of northbound on-ramp from El Camino Real to westbound SR 92.
- (9) Constructed barriers in the median of El Camino Real.
- (10) In order to keep the project on schedule, Resident Engineer submitted a request to Caltrans to use non-rubberized hot mix asphalt pavement on El Camino Real instead of rubberized hot mix asphalt pavement as required by project specifications.

**Future Activities**

- (1) Continue retaining wall construction.
- (2) Continue freeway ramp construction.
- (3) Caltrans to review the request for exemption for not using rubberized hot mix asphalt pavement on El Camino Real.

**Issues:** Rubberized hot mix asphalt must be placed during seasons of the year when ambient temperatures are conducive to placing rubberized hot mix asphalt within specified parameters for its use. If the appropriate temperatures cannot be reached at the scheduled time of placement due to weather conditions, the project schedule could potentially be delayed.

**Funding :**



	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$18,400,000	69%	\$3,970,765	22%	\$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%	\$1,760,000	35%	\$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>\$7,821,522</b>	<b>29%</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 the City of San Bruno. 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.

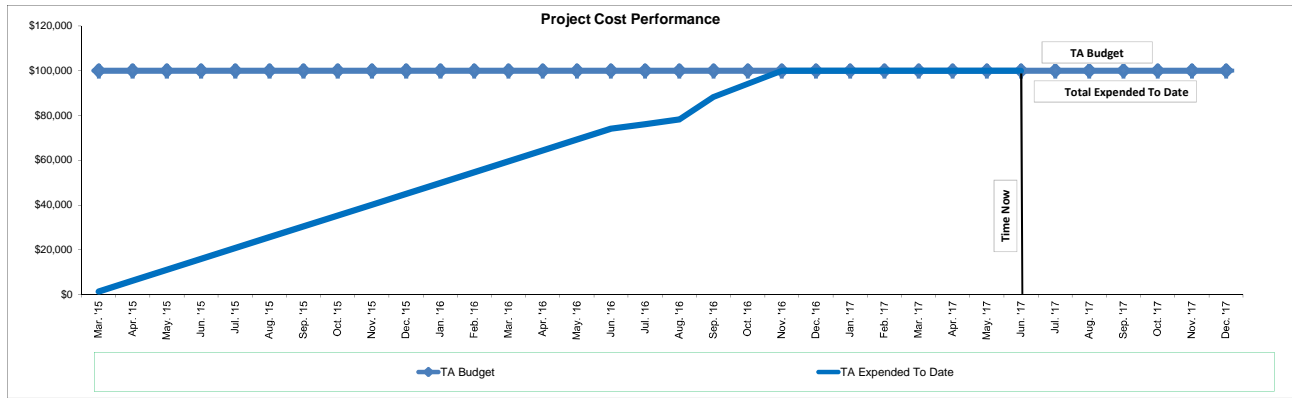
**Issues:** None.

**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) Meeting was held with the City of San Bruno on June 22, 2017 to discuss the scoping of the PID phase. City of San Bruno expressed interest in adding a bicycle facility as part of the project.

**Future Activities:** (1) Establish a Funding Agreement or Memorandum of Understanding between TA and City of San Bruno for the PID phase.  
 (2) City to consult with their Surface Infrastructure Subcommittee regarding the project alternatives to be carried forward to 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>Note: This quarter the TA expenditure includes a credit of \$1.4 million reflecting a Caltrans refund.</b></p>	<p><b>SMCTA Budget</b> \$36,785,171</p> <p><b>Expended</b> \$10,235,400</p> <p><b>Remaining</b> \$26,549,771</p>
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# **TA – Caltrain Projects**

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

	<p><b>SMCTA Budget</b> \$74,000,000</p> <p><b>Expended</b> \$8,700,000</p> <p><b>Remaining</b> \$65,300,000</p>
<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> The City held its first project public meeting for the construction phase of this project with the community, mid April 2017. Construction bids opened in April 2017. Prepared for the construction phase. Continued right-of-way activities to acquire land needed for the grade separation. Coordination with Caltrans progressed to obtain an encroachment permit on El Camino Real and relocation of utilities. Caltrans Section 190 funds, in the amount of \$10M, were awarded to the City in May 2017. Coordination meetings began between the City, Caltrain and SMCTA to discuss project development and pre-construction activities. Continued discussions to finalize agreement revisions between the SMCTA and CHSRA to fully secure funding. The High Speed Rail agreement was executed June 2017.</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> Project close-out continued. SMCTA sent a funding agreement to the City for execution and is being scheduled for City Council approval.</p>	<p><b>SMCTA Budget</b> \$1,000,000</p> <p><b>Expended</b> \$825,419</p> <p><b>Remaining</b> \$174,581</p>

**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> JPB released an RFP for consultants in April 2017. Interviews were conducted on June 23, 2017 and a consultant was chosen for the project. A contract was being drafted and an award date was scheduled.</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 additional project information to City Council on April 4, 2017 and received direction to narrow three alternatives to two. The final two alternatives were presented at a project community meeting on June 7, 2017. Stakeholder meetings began with business and property owners who could potentially be impacted. City staff continued to perform community outreach for the public meetings. A letter was being drafted by the City to request a time extension.</p>	<p><b>SMCTA Budget</b> \$750,000</p> <p><b>Expended</b> \$632,522</p> <p><b>Remaining</b> \$117,478</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	Due to a lack of personnel capacity, the previous design consultant was unable to complete the PE/ENV phase. The City submitted an RFP to obtain bids and chose a replacement. City Council approved a contract which was being finalized.	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 continued, incorporating landscape and streetscape components.	Apr 2014	\$1,000,000	\$203,345	\$796,655
Daly City	Enhanced Pedestrian and Bicycle Visibility Project	Final design and construction	The project was advertised for bid June 20, 2017. Due to the increased cost of crosswalk warning light systems, the City was amending the Scope of Work.	Mar 2016	\$337,500	\$24,000	\$313,500
Daly City	John Daly Boulevard Streetscape Improvements	Construction	Construction continued with the following: installed new traffic signal poles and pedestrian push buttons, installed plants in the median, modified the curb ramps, resurfaced the street and installed new striping for bike lanes. Project was at 80% completion.	Apr 2014	\$1,000,000	\$1,000,000	\$0
East Palo Alto	Highway 101 Pedestrian/ Bicycle Overcrossing	Planning, preliminary design/environmental and final design	The TA executed an amendment to the funding agreement on May 22, 2017 to allow for an additional nine months and to use Measure A funds for the final design phase instead of planning, environmental clearance, and preliminary engineering phases due to the City's need to expend another expiring grant fund source first. Project closeout report was being drafted.	Jul 2011	\$300,000	\$300,000	\$0
Half Moon Bay	Main Street Bridge Bike Lanes and Sidewalks	Design and construction	Caltrans conducted a Field Review on June 6, 2017 and followed up with a letter outlining the environmental requirements for the project. The City held it's first meeting of the "Main Street Bridge Advisory Committee" on July 27, 2017, to aid with the design features of the project.	Jul 2011	\$500,000	\$0	\$500,000
Menlo Park	Haven Avenue Streetscape Project	Preliminary design/environmental, final design and construction	Coordination with Caltrans continued to obtain a required encroachment permit. Parking removal for bike lanes on Caltrans ROW was approved. Maintenance Agreement was drafted between Caltrans and the City. Improvements were coordinated with the developer.	Apr 2014	\$170,000	\$29,278	\$140,722
Menlo Park	Menlo Park-East Palo Alto Connectivity Project	Construction	Project close-out documents were being finalized.	Apr 2014	\$395,000	\$379,057	\$15,943
Menlo Park	Middle Avenue Pedestrian and Bicycle Crossing	Preliminary engineering/ environmental	Project kick-off meeting was held. The City hosted it's first project community outreach meeting for collaborative input on May 4, 2017. Project data collection was underway and crossing connection concepts were being drafted.	Mar 2016	\$490,000	\$81,209	\$408,791
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): complete Location 2 (Portola/Farm): Construction bid was awarded and is scheduled to begin July 2017.	Apr 2014	\$309,500	\$184,777	\$124,723
Redwood City	Highway 101 Pedestrian and Bicycle Undercrossing	Construction	Additional coordination with Caltrans and Army Corps continued to obtain permits. Utility relocation continued. Construction scheduled to begin next year.	Mar 2016	\$500,000	\$0	\$500,000
Redwood City	Hudson Street Bicycle and Pedestrian Improvements	Design and construction	Project had experienced unexpected conflicts that required additional engineering, but have been resolved. Construction began and Scope of Work is nearing 50% completion.	Jul 2011	\$532,640	\$432,717	\$99,924

**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
Redwood City	Kennedy Safe Routes to School Project	Construction	Environmental reports received by Redwood City School District. Storm water treatment alternatives were being developed for coordination with the school site. Final drawings revised and were at 65% completion.	Mar 2016	\$500,000	\$0	\$500,000
Redwood City	Safe Routes to Schools	Final design and construction	Final design was at 100% completion. City was preparing for construction bidding.	Apr 2014	\$976,780	\$135,430	\$841,350
San Bruno	El Camino Real/Angus Ave Intersection Improvements	Final design and construction	City staff continued to collaborate with Caltrans on final design approval.	Apr 2014	\$300,000	\$45,404	\$254,596
San Bruno	Transit Corridor Pedestrian Connection Project	Design and construction	An RFP was under internal review Public Works Director before being advertised for design consultants.	Jul 2011	\$350,000	\$0	\$350,000
San Mateo	Hillsdale/101 Bridge Project	Preliminary design/ environmental	The City received a revised Transportation Improvement Program (TIP) amendment in April 2017 and anticipated Caltrans to complete review and sign off. The TA executed a second amendment on June 15, 2017 for an additional nine months to complete the scope of work.	Apr 2014	\$875,000	\$798,417	\$76,583
San Mateo	North San Mateo Drive Pedestrian and Bicycle Improvement Project	Construction	Final design was 70% completed. Traffic signal and green infrastructure design continued. Utility coordination commenced with owners and relocation.	Mar 2016	\$200,000	\$0	\$200,000
San Mateo County	Complete the Gap Trail	Preliminary engineering, environmental and final design	Survey work continued. Geotechnical borings were performed on June 29, 2017 to provide capacity depth for three retaining walls. Continuous meetings with County Public Works were concluded regarding trail elevations on location of Caltrans underground pipe. Final design was at 30% completion.	Mar 2016	\$300,000	\$22,240	\$277,760
San Mateo County	Midcoast Multimodal Trail	Preliminary design/ environmental and final design	The TA executed a second amendment to the funding agreement on June 15, 2017 to allow for an additional nine months to complete the scope of work. The City was informed from Caltrans that the Office of Special Funded Projects (OSFD) would provide structure design oversight and required submittal of documents for Structure Type Selection Process. Structure Type Selection Process must be completed prior to submittal of 60% plans to Caltrans.	Apr 2014	\$500,000	\$268,482	\$231,518
South San Francisco	Sunshine Gardens Safety and Connectivity Improvements Project	Preliminary engineering, environmental, final design and construction	An RFP for design services was prepared for public review and response.	Mar 2016	\$504,000	\$0	\$504,000
Woodside	Alameda De Las Pulgas Bike and Pedestrian Improvements	Final design and construction	Final design was 100% completed. The City advertised for bids and a construction contract was awarded.	Mar 2016	\$275,000	\$52,054	\$222,946



## 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.

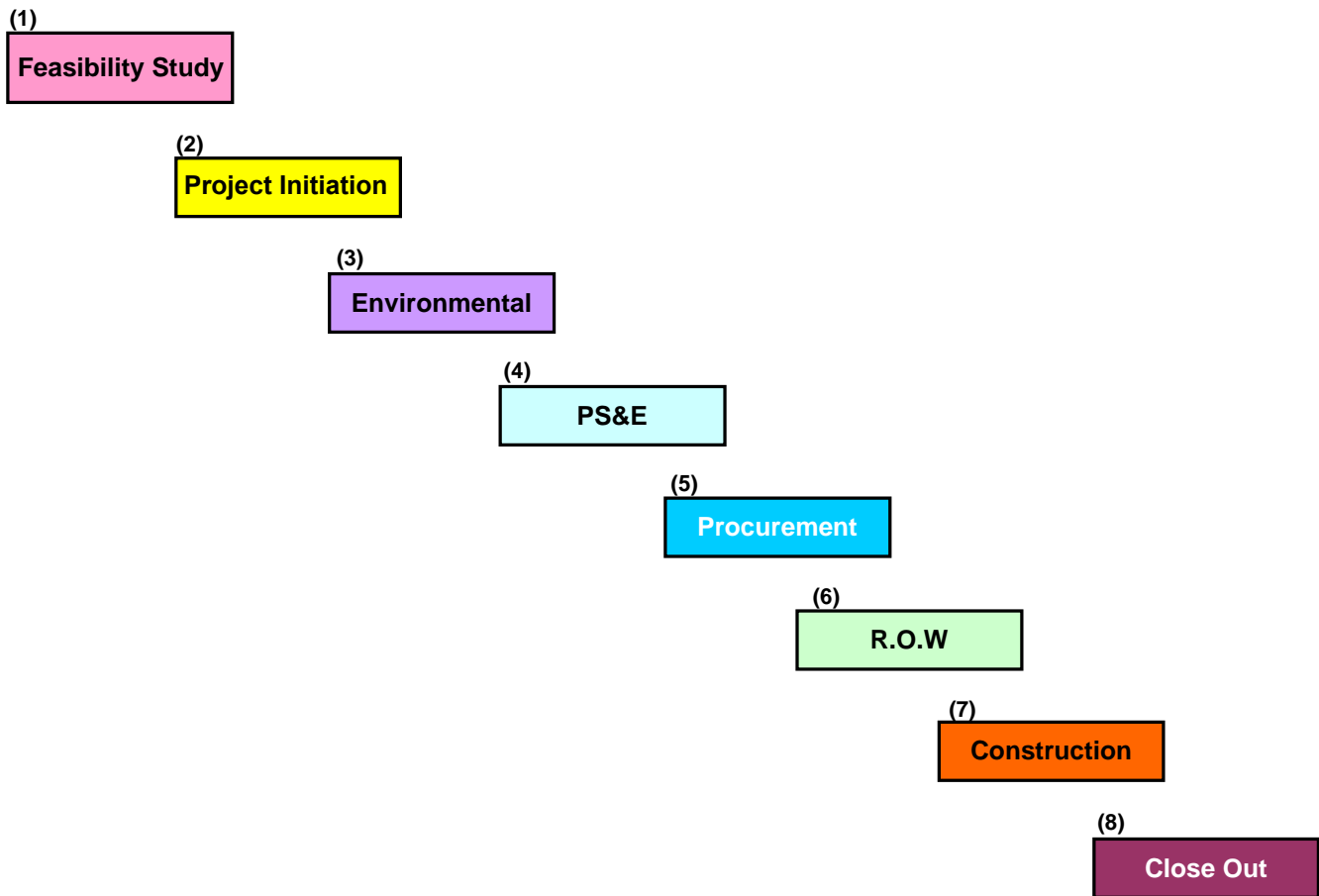
**PSR** – Project Study Report – A report providing conceptual project information including project scope, environmental assessment, feasibility, scope, costs and schedule.

**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>(a) Expenditure reaches 90% of <u>Available Funding</u>, where remaining funding is NOT yet available.</p>	<p>(a) Expenditure reaches 100% of <u>Available Funding</u>, where remaining funding is NOT yet available.</p>
	<p>(b) All funding has been secured or available for scheduled work.</p>	<p>(b) NOT all funding is secured or available for scheduled work.</p>	<p>(b) No funding is secured or available for scheduled work.</p>