

# Capital Projects

## Quarterly Status Report

3rd Quarter FY2016 : January 1 - March 31, 2016

Report prepared for the June 2, 2016 TA Board Meeting

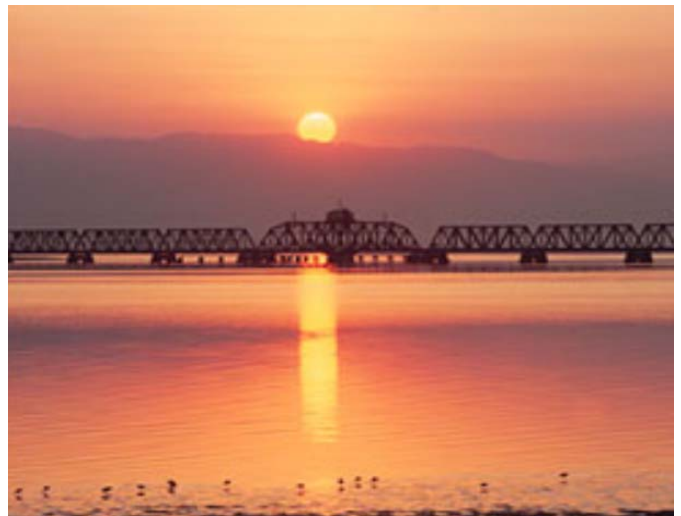






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The following projects represent a sub-set of the total Capital Program and have been selected for inclusion into the Quarterly Report due to project value, operational significance, and/or impact on customers.

**Level 2 Projects**

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= Project On-Hold



= No Issues



= Notable Issues



= Significant Issues

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# **TA – Caltrain Projects**

Note: This will be the last report to be included in TA Quarterly Report, please refer to the CalMod Quarterly Report for details.

**00737 - PENINSULA CORRIDOR ELECTRIFICATION PROJECT**

**Scope:** The Peninsula Corridor Electrification Project will electrify the 51 mile Caltrain Commuter line from San Francisco to Tamien. The project budget includes activities associated with:  
 (1) Preparing and completing the Environmental Assessment/Final Environmental Impact Report (EA/FEIR).  
 (2) Technical refresh of the previous 35% design.

The Federal Transit Administration (FTA) completed their National Environmental Policy Act (NEPA) Environmental Assessment (EA) of Corridor Electrification in 2009 with the adoption of a Finding of No Significant Impact (FONSI). FTA has identified to Caltrain that since the project description of the electrification project is the same as FTA analyzed in their 2009 EA, that there is no need to do a NEPA reevaluation for this project. Under FTA's direction, staff prepared a state-only environmental clearance document: the Peninsula Corridor Electrification Project EIR.

TA Role: Funding Agency

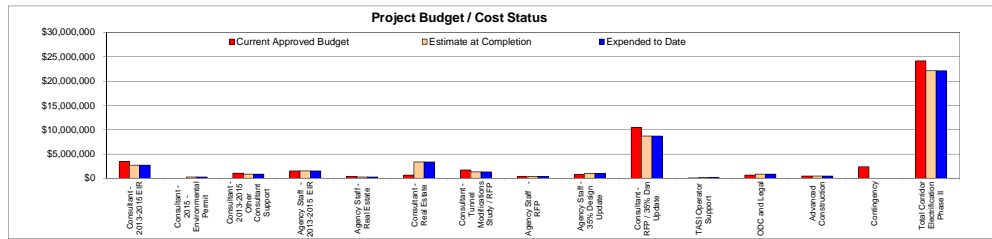
**Project Status Summary:** Current scope is through completion of State only environmental clearance activities and 35% design engineering activities.

**Issues:** The budget reflects all efforts associated with processing a State only environmental document and environmental planning, public outreach, operations, project controls and engineering supporting. The FY13, FY14 & FY15 budgets include the DEIR, FEIR, 35% design updates to be performed by Operator's technical team and procurement effort for the design build contract through June 2015.

**Budget:**

	(a)	(b)	(c) = (d) - (b)	(d)	(e) = (a) - (d)
Cost Analysis by Segment Group	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
Consultant - 2013-2015 EIR	\$3,471,061	\$2,692,102	\$0	\$2,692,102	\$778,959
Consultant - 2015 - Environmental Permit	\$0	\$276,974	\$0	\$276,974	(\$276,974)
Consultant - 2013-2015 Other Consultant Support	\$1,063,608	\$863,261	\$0	\$863,261	\$200,347
Agency Staff - 2013-2015 EIR	\$1,537,062	\$1,572,328	\$0	\$1,572,328	(\$35,266)
Agency Staff - Real Estate	\$414,171	\$268,766	\$0	\$268,766	\$145,405
Consultant - Real Estate	\$653,943	\$3,381,362	\$0	\$3,381,362	(\$2,727,419)
Consultant - Tunnel Modifications Study / RFP	\$1,743,036	\$1,343,417	\$0	\$1,343,417	\$399,619
Agency Staff - RFP	\$369,552	\$440,508	\$0	\$440,508	(\$70,956)
Agency Staff - 35% Design Update	\$841,317	\$982,948	\$0	\$982,948	(\$141,631)
Consultant - RFP / 35% Design Update	\$10,437,818	\$8,727,641	\$0	\$8,727,641	\$1,710,177
TASI Operator Support	\$59,966	\$176,782	\$0	\$176,782	(\$116,816)
ODC and Legal	\$672,776	\$898,083	\$0	\$898,083	(\$225,307)
Advanced Construction	\$497,378	\$497,378	\$0	\$497,378	\$0
Contingency	\$2,362,687	\$0	\$0	\$0	\$2,362,687
<b>Total Corridor Electrification Phase II</b>	<b>\$24,124,375</b>	<b>\$22,121,549</b>	<b>\$0</b>	<b>\$22,121,549</b>	<b>\$2,002,826</b>

Note: The current budget and estimate at completion reflect the approved FY13, FY14 & FY15 budget and current staffing plan.



**Issues:** The Original Budget reflects the FY13, FY14 & FY15 approved budgets. The environmental Permit and Utility and real estate Survey effort are part of overall program scope, but were not in the original FY15 budget request. The subject work was advanced into FY15 to support electrification DB RFP and overall project delivery schedule. A budget transfer was made between Project 2050 to this project to make up the projected shortfall in early 2015.

**Schedule:**

Major Milestones:	Original Baseline		Current Baseline		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
Notice of Preparation (NOP) / Scoping Period	11/30/12	03/18/13	11/30/12A	03/18/13A	11/30/12A	03/18/13A
Draft EIR	02/18/13	11/18/13	02/18/13A	02/28/14A	02/18/13A	02/28/14A
Final EIR	01/01/14	08/11/14	02/28/14A	12/04/14A	02/28/14A	12/04/14A
Caltrain Board Consideration and Adoption	07/22/14	09/12/14	12/05/14A	01/08/15	12/05/14A	01/08/15
Notice of Determination (NOD)	09/12/14	09/12/14	01/09/15A	02/09/15A	01/09/15A	02/09/15A
D - B RFP	04/01/14	01/15/15	04/01/14A	11/05/15	04/01/14A	11/05/15
Real Estate / ROW	07/01/14	09/30/15	11/01/14A	08/15/16	11/01/14A	08/15/16

**Progress**

- This Quarter:** (1) Continued working on the environmental permitting documents as well as the federal consultation documentation.  
 (2) The Project Team continued preparation of items to be included in upcoming RFP addenda's, scheduled for June.  
 (3) Continued progress on the tunnel modification design, with initial design development documents scheduled for July.  
 (4) Continued Power Study with PG&E and LTK to determine transmission capacity in support of the Caltrain Loads from Electrification, draft results received in late June with anticipated completion of study in July.  
 (5) Continued refinements of ROW engineering in support of real estate. ROW package and appraisals are being prepared in preparation of the ROW acquisition efforts.  
 (6) Continued real estate title research, development of appraisal maps, plats and legal descriptions for all Segments.  
 (7) Continue coordination with Caltrans for location Paralleling Station 7. Complete EMI / EMF survey report to be provided to the successful Design Build contractor.  
 (8) Present electrification project labor agreement (PLA) to the JPB Board for approval at July meeting.  
 (9) Continue work on the electrification project labor agreement (PLA) along with work on third party, local, city and county jurisdictional agreements.

**Future Activities:**

- Jul - Sep 2015** (1) Continue production of appraisal maps, plats and legal descriptions for real estate acquisition efforts for all four segments.  
 (2) Phase I and II investigation will continue in support of the ROW acquisition efforts.  
 (3) Project team will continue work to prepare for contract addendums and continue to work through RFP Q&A's.  
 (4) Continue design development efforts for tunnel modifications and complete review of Initial Design Development Documents and continue coordination with JPB Tunnel 4 Drainage project.  
 (5) Continued working on Power Study with PG&E to determine transmission capacity to support Caltrain loads from Electrification.  
 (6) Begin utility relocation discussions with PG&E in support of overhead utility relocations in Segments 2 and 4.  
 (7) Continue coordination with Caltrans for location Paralleling Station 7. Complete EMI / EMF survey report to be provided to the successful Design Build contractor.  
 (8) Present electrification project labor agreement (PLA) to the JPB Board for approval at July meeting.  
 (9) Continue work on third party, local, city and county jurisdictional agreements.

**Issues:** Schedule has been re-baselined as of 03/31/2013 to reflect the current scope of EA/FEIR and 35% design engineering activities.

**Funding:**

	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>Federal</b>	\$6,956,313	32%	\$6,956,313	29%	\$6,381,439	29%	\$6,381,439	29%
<b>State</b>	\$0	0%	\$5,360,808	22%	\$4,917,788	22%	\$4,917,788	22%
<b>Local</b>	\$2,906,355	13%	\$11,807,254	49%	\$10,822,322	49%	\$10,822,322	49%
<b>Other</b>	\$12,214,892	55%	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$22,077,560</b>	<b>100%</b>	<b>\$24,124,375</b>	<b>100%</b>	<b>\$22,121,549</b>	<b>100%</b>	<b>\$22,121,549</b>	<b>100%</b>

**Issues:** A budget transfer of contingency was made between Project 2050 - CalMod Early Investment Program to this project in May 2015 to compensate for a forecasted short fall of funds for the FY15.



# **Railroad Grade** **Separations**

00759 - GRADE SEPARATION PROJECT - SAN BRUNO AVENUE

**Scope:**



The project raised the railroad in a retained embankment and lowered roadways crossing the railroad right of way from just south of the I-380 flyover to approximately San Felipe Road (MP 12.0) in San Bruno. The project eliminated at-grade vehicular crossings at San Bruno Avenue, San Mateo Avenue and Angus Avenue and replaced them with grade separated vehicular access. Pedestrian under-crossings were constructed at Euclid and Sylvan Avenues in San Bruno. The existing San Bruno station was relocated onto an elevated structure at San Bruno and San Mateo Avenues. The former site of the San Bruno Lumber was converted into a surface parking lot for the new San Bruno station.

The following were also completed under construction contract option 1: a new at-grade parking lot and transit center, northbound platform at San Bruno station, roadway improvements along First Avenue, construction of three pedestrian under crossings and the demolition of the San Bruno temporary station.

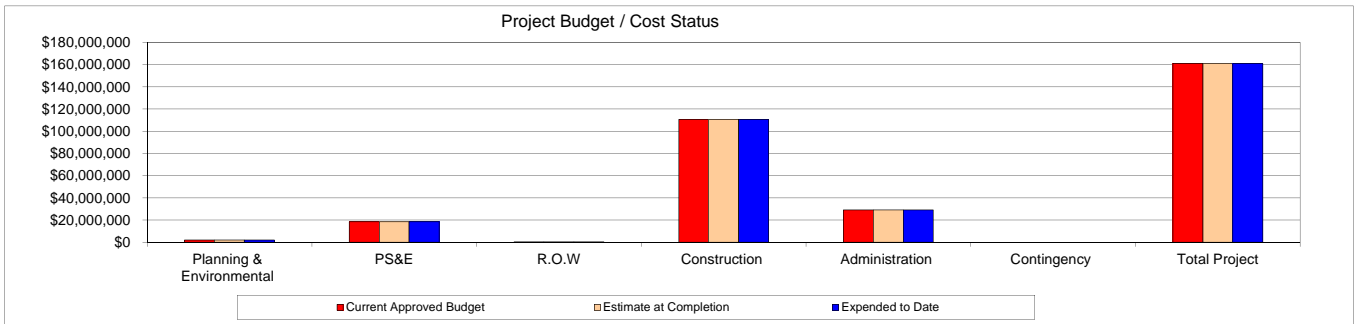
**Project Status Summary:** Project is complete.

**Issues:** None.

**Budget:**



	(a)	(b)	(c) = (d) - (b)	(d)	(e) = (a - d)
Cost Analysis by Segment Group	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
Planning & Environmental	\$2,159,189	\$2,159,189	\$0	\$2,159,189	\$0
PS&E	\$18,429,076	\$18,429,076	\$0	\$18,429,076	\$0
R.O.W	\$511,322	\$511,322	\$0	\$511,322	\$0
Construction	\$110,761,996	\$110,627,076	\$134,920	\$110,761,996	\$0
Administration	\$29,173,989	\$29,058,398	\$26,056	\$29,084,454	\$89,535
Contingency	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$161,035,572</b>	<b>\$160,785,061</b>	<b>\$160,976</b>	<b>\$160,946,037</b>	<b>\$89,535</b>



**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PS&E	06/01/04	08/25/06	02/17/09	06/01/10	02/17/09	08/12/10
Construction	08/01/10	06/30/12	03/11/10	01/31/14	03/11/10	07/15/14
Close Out	7/1/2012	9/31/12	02/03/14	04/30/14	07/16/14	11/15/15

**Progress**

This Quarter:  
Oct - Dec 2015

- (1) Finalized change order negotiations.
- (2) Performed final punchlist activities.
- (3) Paid final progress payment.
- (4) Complete project close out.

**Future**

**Activities:** (1) None, project completed.

**NOTE:** This will be the last report for the project.

**Issues:** None.

**Funding :**



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
TA	\$68,610,000	60%	\$120,010,000	66%	\$98,232,637	100%	\$98,348,365	61%
Others								
Federal	\$6,600,000	6%	\$6,615,435	4%	\$6,609,239	99.9%	\$6,615,435	4%
State	\$40,000,000	35%	\$55,982,237	31%	\$55,943,185	99.9%	\$55,982,237	35%
Other	\$0	0%	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$115,210,000</b>	<b>100%</b>	<b>\$182,607,672</b>	<b>100%</b>	<b>\$160,785,061</b>	<b>100%</b>	<b>\$160,946,037</b>	<b>100%</b>

**Issues:** None.

# Highways

**00615 - CALERA PARKWAY PROJECT (FASSLER TO WESTPORT)**

**Scope:** The project will relieve congestion on Route 1, between Westport Drive and Fassler Avenue in Pacifica that occurs during the morning and evening commute by adding one lane in each direction of travel, plus adding a median divider and making shoulder improvements.



**TA Role:** Implementing and Funding Agency.  
**Sponsor:** City of Pacifica

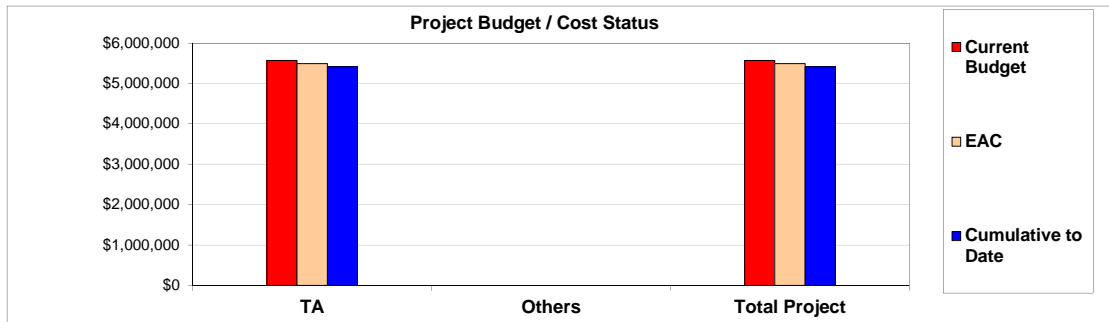
**Project Status Summary:** The PID is complete, Caltrans certified the Environmental Document on August 1, 2013. A lawsuit was filed regarding the project's Environmental Document on September 6, 2013 by the "Pacifigan's for a Scenic Coast". Caltrans, the City of Pacifica and the TA were named in the lawsuit. A second lawsuit was filed in Federal Court on May 8, 2015 by "Pacifigans for Scenic Coast", "Pacifigans for Highway 1 Alternatives" and the "Center of Biological Diversity". Currently awaiting the judges final decision on the first lawsuit. The TA and the City of Pacifica were dismissed from the 2nd lawsuit.

**Issues:** None.

**Budget:**



Cost Analysis by Segment Group	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$5,573,000	\$5,416,076	\$78,746	\$5,494,822	\$38,178
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$5,573,000</b>	<b>\$5,416,076</b>	<b>\$78,746</b>	<b>\$5,494,822</b>	<b>\$38,178</b>



**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (3/15)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PA&ED	03/01/07	03/01/10	03/01/07	08/01/13	03/01/07	08/01/13

**Progress**

**This Quarter:** (1) Continued to monitor the first lawsuit.  
 Jan - Mar 2016

**Future**

**Activities:** (1) Continue to monitor the first lawsuit.  
 Apr - Jun 2016

**Issues:** Awaiting the City's decision to proceed into the design phase.

**Funding :**



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
<b>SMCTA</b>	\$5,573,000	100%	\$5,573,000	100%	\$5,416,076	99%	\$5,494,822	100%
<b>Others</b>								
<b>Federal</b>	\$0	0%	\$0	0%	\$0	0%	\$0	0%
<b>State</b>	\$0	0%	\$0	0%	\$0	0%	\$0	0%
<b>Other</b>	\$0	0%	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$5,573,000</b>	<b>100%</b>	<b>\$5,573,000</b>	<b>100%</b>	<b>\$5,416,076</b>	<b>99%</b>	<b>\$5,494,822</b>	<b>100%</b>

**Issues:** In October 2012 at the request of the City of Pacifica, the TA Board programmed \$4M for the design phase of the project. Allocation of these funds was conditioned on the project securing environmental clearance and the city's request to advance the project into the design phase. These funds will be added to the above funding table when allocation is made to the project.

**00621 - U.S. 101 / BROADWAY INTERCHANGE PROJECT**

**Scope:** The project will modify the existing interchange to relieve traffic congestion and improve safety. Current phase and scope is construction of the Broadway Interchange. Project scope also includes right of way and utility relocation activities.



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

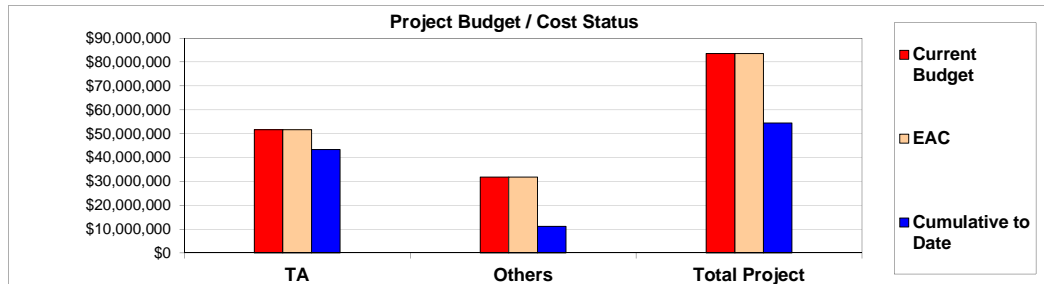
**Project Status Summary:** PID, PA&ED, and PS&E phases are complete. Caltrans is providing construction contract management and inspection. Construction scope includes one year of plant establishment period for planting on the City right of ways. Planting on Caltrans right of way will be placed on a subsequent contract following completion of the current construction contract. TA is providing design support during construction. Caltrans reported that the contractor has completed approximately 63% of the contract work, 51% of the scheduled time has been used and 64% of the budgeted cost has been expended as of March 31, 2016.

**Issues:** Temporary Construction Easement extension for Crowne Plaza is being negotiated to avoid impact to the construction schedule.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$51,687,000	\$43,282,519	\$8,404,481	\$51,687,000	\$0
Others	\$31,831,000	\$11,126,391	\$20,704,609	\$31,831,000	\$0
<b>Total Project</b>	<b>\$83,518,000</b>	<b>\$54,408,910</b>	<b>\$29,109,090</b>	<b>\$83,518,000</b>	<b>\$0</b>



**Issues:** Budget increase may be necessary for utility work, construction management, and design services during construction. This potential will be evaluated in the next quarter.

**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	04/30/17

**Progress This Quarter:** (1) Completed approach slabs to new overcrossing.  
 (2) Opened new Broadway bridge to traffic on March 17, 2016.  
 (3) Completed earthwork and temporary paving on Bayshore Avenue.  
 (4) Demolished existing Broadway overcrossing.

**Future Activities:** (1) Construct MSE Wall #15.  
 (2) Commence excavation for Broadway on-ramp bridge.  
 (3) Commence foundation work at new Broadway on ramp and begin foundation.  
 (4) Continue soil cement work.

**Issues:** None.

**Funding :**



	Original Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$19,300,000	\$51,687,000	62%	\$43,282,519	84%	\$51,687,000	62%
Others							
Federal	\$0	\$3,613,000	4%	\$2,049,598	57%	\$3,613,000	4%
State	\$0	\$23,218,000	28%	\$6,148,795	26%	\$23,218,000	28%
City	\$0	\$5,000,000	6%	\$2,927,998	59%	\$5,000,000	6%
<b>Total</b>	<b>\$19,300,000</b>	<b>\$83,518,000</b>	<b>100%</b>	<b>\$54,408,910</b>	<b>65%</b>	<b>\$83,518,000</b>	<b>100%</b>

**Issues:** None.

**00622 - U.S. 101 / WILLOW INTERCHANGE**



**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:** The City of Menlo Park.

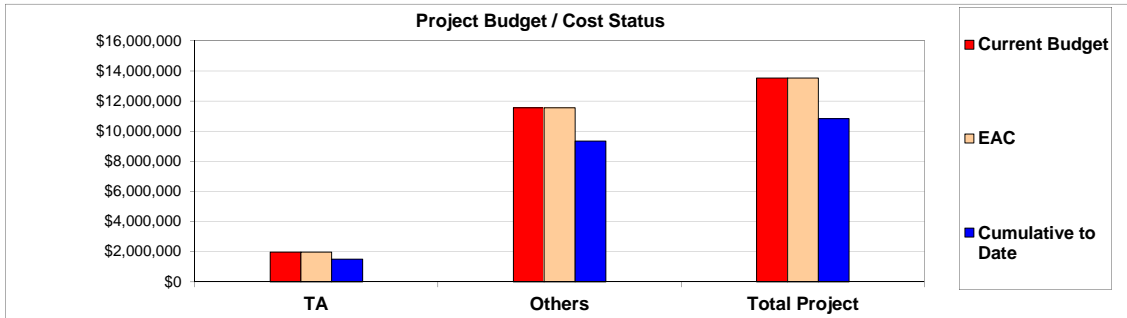
**Project Status Summary:** The Project Study Report (PSR) and the Environmental (PA&E) phases are complete. Current phase is to complete the Plans, Specifications & Estimates (PS&E), and Right of Way Acquisition. Design (PS&E) is nearly complete, construction staging and right of way for the project are being assessed. Due to state funding shortfall, the project will be delayed.

**Issues:** None.

**Budget:**



	(a)	(b)	(c) = (d) - (b)	(d)	(e) = (a - d)
Cost Analysis by Segment Group	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$1,969,000	\$1,500,000	\$469,000	\$1,969,000	\$0
Others	\$11,552,000	\$9,333,430	\$2,218,570	\$11,552,000	\$0
<b>Total Project</b>	<b>\$13,521,000</b>	<b>\$10,833,430</b>	<b>\$2,687,570</b>	<b>\$13,521,000</b>	<b>\$0</b>



Note: Funding is for PS&E and ROW phases only.

**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (12/15)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
Design (PS&E)	07/01/07	01/02/09	01/02/14	03/15/16	01/02/14	05/01/16
Right of Way	07/01/07	03/02/09	01/02/14	03/15/16	01/02/14	05/01/16

**Progress** (1) Received approval of the 100% PS&E package.  
**This Quarter:** (2) Reviewed PG&E final utility relocation plans.  
 Jan - Mar 2016 (3) Continued working on Right of Way and Ready to List (RTL).

**Future Activities:** (1) Continue Right of Way acquisitions and Right of Way Certification.  
 Apr - Jun 2016 (2) Continue working towards RTL.

**Issues:** Due to the anticipated CTC action to deprogram State Transportation Improvement Program (STIP) funding the start of construction will be delayed until an alternative funding source or strategy can be identified. \$8M of STIP funding for the construction management component was programmed for this project.

**Funding :**



Current Phase	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$500,000	4%	\$1,969,000	15%	\$1,500,000	76%	\$1,969,000	15%
<b>Others</b>								
Federal	\$0	0%	\$0	0%	\$0	0%	\$0	0%
State	\$11,552,000	96%	\$11,552,000	85%	\$9,333,430	81%	\$11,552,000	85%
Other	\$0	0%	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$12,052,000</b>	<b>100%</b>	<b>\$13,521,000</b>	<b>100%</b>	<b>\$10,833,430</b>	<b>80%</b>	<b>\$13,521,000</b>	<b>100%</b>

**Issues:** In October of 2015, at the request of the city of Menlo Park, the TA Board programmed \$56.4M to fund the construction capital phase of the project. The allocation was conditioned on right of way certification and completion of design. The funding table will be amended to reflect this additional funding once conditions for allocation are met and a funding agreement is executed.

**00625 - U.S. 101 CANDLESTICK INTERCHANGE**

**Scope:** Perform supplemental technical studies to support the interchange reconstruction at Candlestick Interchange on US 101.



**TA Role:** Funding Agency.  
**Sponsor:** City of Brisbane (also Implementing Agency)

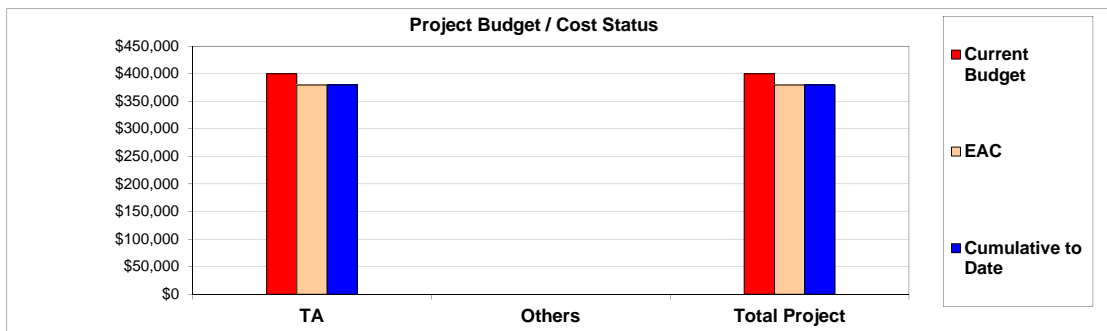
**Project Status Summary:** The PSR was approved on January 13, 2014. Brisbane completed technical studies that address the revised Advanced Planning Study, the Staging & Construction Limit Study, the US 101 / BRT Direct Connector Study, and the revised Geometric Layouts for the Recology Plan. Technology Studies were complete on September 13, 2015.

**Issues:** None.

**Budget:**



Cost Analysis:Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$400,000	\$379,620	\$0	\$379,620	\$20,380
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$400,000</b>	<b>\$379,620</b>	<b>\$0</b>	<b>\$379,620</b>	<b>\$20,380</b>



**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PSR-PDS	11/02/13	09/13/15	11/02/13	09/13/15	11/02/13	09/13/15

**Progress This Quarter:** (1) Completed the PSR-PDS Phase.  
Jan - Mar 2016

**Future Activities:** (1) No work is anticipated.  
Apr - Jun 2016

**Issues:** None.

**Funding :**



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$400,000	100%	\$400,000	100%	\$379,620	100%	\$379,620	100%
Others								
Federal	\$0	0%	\$0	0%	\$0	0%	\$0	0%
State	\$0	0%	\$0	0%	\$0	0%	\$0	0%
Other	\$0	0%	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$400,000</b>	<b>100%</b>	<b>\$400,000</b>	<b>100%</b>	<b>\$379,620</b>	<b>100%</b>	<b>\$379,620</b>	<b>100%</b>

**Issues:** None.

**00768 - US 101 / Woodside Road Interchange**

**Scope:** This project will improve the interchange traffic by adding vehicular lanes, sidewalks and bikeways on Woodside Road/Seaport Blvd, expand and signalize ramp intersections, eliminate southbound off-ramp "fifth leg" at Broadway intersection and build a direct ramp serving Veterans Blvd.



**TA Role:** Funding Agency.  
**Sponsor:** Redwood City (also implementing Agency)

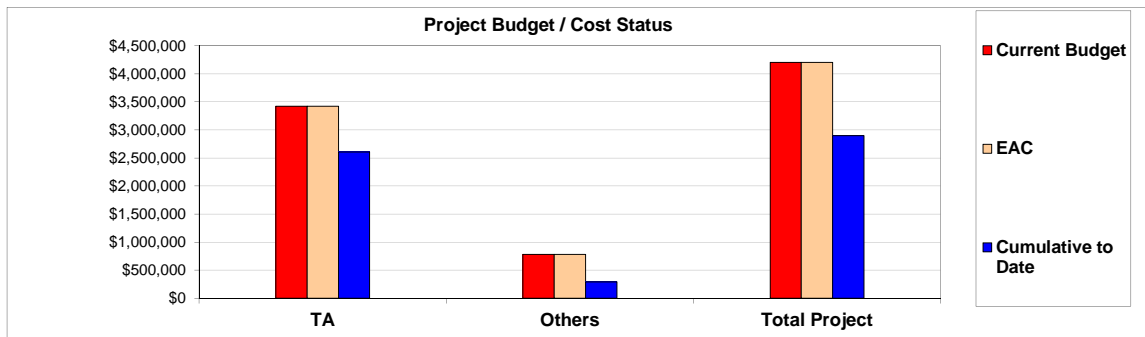
**Project Status Summary:** Project is in the Environmental phase. Currently working on the Draft Environmental Document and working toward the public circulation period in April 2016.

**Issues:** None.

**Budget:**



	(a)	(b)	(c) = (d) - (b)	(d)	(e) = (a - d)
Cost Analysis:Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$3,420,000	\$2,605,831	\$814,169	\$3,420,000	\$0
Others	\$784,000	\$289,538	\$494,462	\$784,000	\$0
<b>Total Project</b>	<b>\$4,204,000</b>	<b>\$2,895,369</b>	<b>\$1,308,631</b>	<b>\$4,204,000</b>	<b>\$0</b>



**Issues:** The budget numbers are for the PA&ED phase only.

**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	10/31/16	10/24/13	11/11/16

**Progress This Quarter:** (1) Presented project overview to the TA Board in March 2016.  
 (2) Submitted the draft project report.  
 (3) Submitted the draft environmental document (DED).  
 (4) Prepared community outreach and communications plan for the DED public meeting and for the city council study session.

**Future Activities:** (1) Secure Draft Project Report approval.  
 (2) Prepare Draft Environmental Document for approval.  
 (3) Schedule Public circulation period of the DED.  
 (4) Hold public meeting and address comments.  
 (5) Pursue project funding for design.

**Issues:** None.

**Funding :**



PA&ED Phase only	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$3,420,000	90%	\$3,420,000	81%	\$2,605,831	76%	\$3,420,000	81%
Others								
Federal		0%		0%		0%		0%
State		0%		0%		0%		0%
City	\$380,000	10%	\$784,000	19%	\$289,538	37%	\$784,000	19%
<b>Total</b>	<b>\$3,800,000</b>	<b>100%</b>	<b>\$4,204,000</b>	<b>100%</b>	<b>\$2,895,369</b>	<b>69%</b>	<b>\$4,204,000</b>	<b>100%</b>

**Issues:** In October of 2012, at the request of the Redwood City, the TA Board programmed \$5.49M to fund the design phase of the project. The allocation was conditioned on environmental clearance. In October 2015, at the request of Redwood City, the TA Board programmed \$2.65M for additional design work and right of way activities. Allocation of this funding is conditioned on environmental clearance. The funding table will be amended to reflect this additional funding once conditions for allocation are met and funding agreements are executed.



**00782 - SAN PEDRO CREEK BRIDGE REPLACEMENT PROJECT**

**Scope:** The project replaces the Route 1 bridge at San Pedro Creek with a longer and higher bridge, and widens San Pedro Creek in the vicinity of the bridge. The limits of work on State Route 1 are from .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 (also the Implementing Agency)

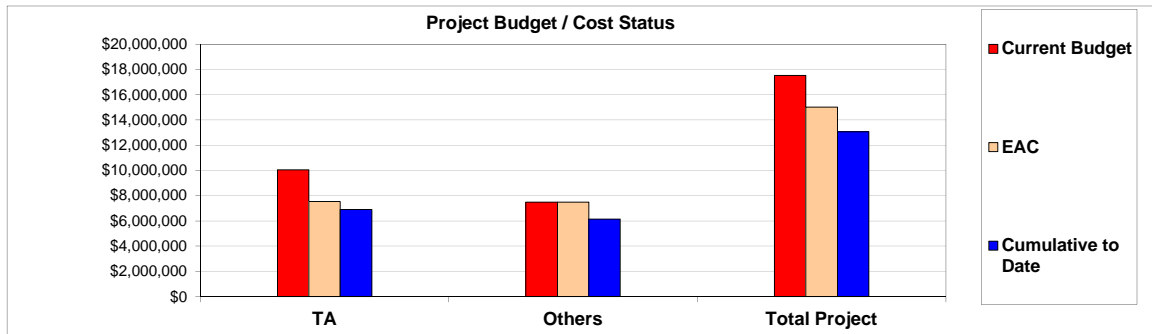
**Project Status Summary:** The Construction phase is now complete. Currently in the Plant Establishment and close out phase.

**Issues:** None.

**Budget:**



	(a)	(b)	(c) = (d) - (b)	(d)	(e) = (a - d)
Cost Analysis:Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$10,054,000	\$6,915,387	\$625,564	\$7,540,951	\$2,513,049
Others	\$7,479,435	\$6,144,410	\$1,335,025	\$7,479,435	\$0
<b>Total Project</b>	<b>\$17,533,435</b>	<b>\$13,059,797</b>	<b>\$1,960,589</b>	<b>\$15,020,386</b>	<b>\$2,513,049</b>



**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
Close Out	11/10/15	11/10/16	10/15/15	10/15/16	10/15/15	10/15/16

**Progress**

**This Quarter:** (1) Continued work on off site mitigation.  
 Jan - Mar 2016 (2) Continued plant establishment phase.

**Future Activities:** (1) Continue plant establishment period.  
 Apr - Jun 2016 (2) Continue off site mitigation.

**Issues:** None.

**Funding :**



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$3,000,000	32%	\$10,054,000	57%	\$6,915,387	92%	\$7,540,951	50%
Others								
Federal	\$3,394,410	37%	\$4,446,000	25%	\$3,394,410	76%	\$4,446,000	30%
State	\$2,881,488	31%	\$2,883,435	16%	\$2,600,000	90%	\$2,883,435	19%
Other	\$0	0%	\$150,000	1%	\$150,000	100%	\$150,000	1%
<b>Total</b>	<b>\$9,275,898</b>	<b>100%</b>	<b>\$17,533,435</b>	<b>100%</b>	<b>\$13,059,797</b>	<b>87%</b>	<b>\$15,020,386</b>	<b>100%</b>

**Issues:** None.

**00791 - U.S. 101 MANAGED LANES (previously the U.S. 101 HOV 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.



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

**Project Status Summary:** Project Study Report - Project Development Study (PSR-PDS) was approved on May 7, 2015. C/CAG and the TA are using cost savings from the PID Phase to advance traffic studies that will be used in the environmental phase. C/CAG, TA and Caltrans are developing an integrated team that will deliver the Environmental Document and the Project Report.

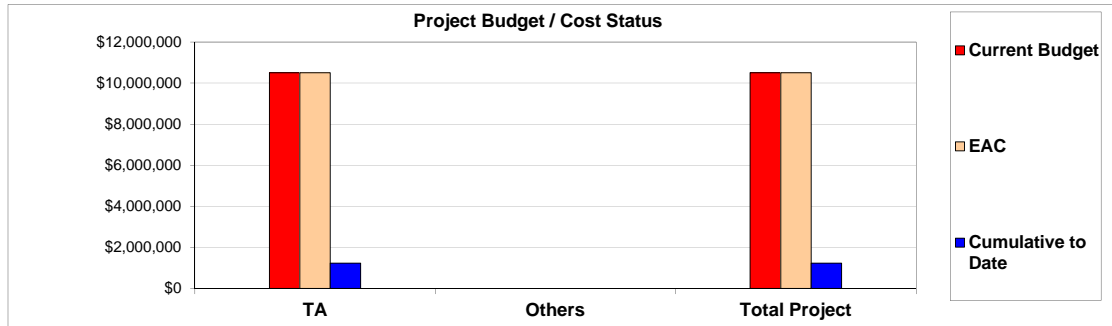
**Issues:** Resulting from input of project stakeholders the study limits expanded beyond what had been developed in the PID. The project limits have been extended eight miles south to a total length of 22.5 miles, to better coordinate with the work that Santa Clara County is proposing on the 101 Corridor. Project alternatives have been expanded to include Managed Lane (ML), which would allow the tolling of non-HOV vehicles through congestion-pricing in an effort to improve operations on the corridor.

As a result of the extended limits and expanded alternative options, Caltrans required the preparation of a Supplemental PID to capture and document these changes. The Supplemental PID is expected to be approved by Caltrans in May. Upon approval of the Supplemental PID and execution of necessary cooperative and funding agreements, the PA/ED phase is projected to begin in May/June 2016. The first step of the PA/ED is the environmental public scoping of the project. Various technical studies will be undertaken as part of the process to evaluate the alternatives.

**Budget:**



	(a)	(b)	(c) = (d) - (b)	(d)	(e) = (a - d)
Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$10,500,000	\$1,242,758	\$9,257,242	\$10,500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$10,500,000</b>	<b>\$1,242,758</b>	<b>\$9,257,242</b>	<b>\$10,500,000</b>	<b>\$0</b>



**Issues:** The TA Board allocated \$8.5M for the PA&ED phase of the project in October 2015.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (3/15)		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	05/07/15
Traffic Study	05/01/15	08/01/16	05/01/15	08/01/16	05/01/15	08/08/16

**Progress**

**This Quarter:**  
Jan - Mar 2016

- (1) Prepared resource cost estimates for PA&ED phase.
- (2) Continued management coordination among SMCTA, C/CAG and Caltrans.
- (3) Prepared a Supplemental PSR/PDS.
- (4) Continued work on traffic studies.

**Future**

**Activities:**  
Apr - Jun 2016

- (1) Continue working on traffic studies.
- (2) Continue management coordination with Stakeholders.
- (3) Secure Caltrans approval of Supplemental PSR - PDS.
- (4) Finalize make-up of the integrated team.
- (5) Confirm PA&ED phase cost estimate.
- (6) Secure any additional funding required to address funding gap for the environmental phase.
- (7) Execute Cooperative Agreement with Caltrans.

**Issues:** None.

**Funding :**



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$2,000,000	100%	\$10,500,000	100%	\$1,242,758	12%	\$10,500,000	100%
Others								
Federal	\$0	0%	\$0	0%	\$0	0%	\$0	0%
State	\$0	0%	\$0	0%	\$0	0%	\$0	0%
Other	\$0	0%	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$2,000,000</b>	<b>100%</b>	<b>\$10,500,000</b>	<b>100%</b>	<b>\$1,242,758</b>	<b>12%</b>	<b>\$10,500,000</b>	<b>100%</b>

**Issues:** Additional funding is needed for the PA&ED phase. It is expected that funding will come from private sources.

**00792 - HIGHWAY 92 / DELAWARE I/C PROJECT**

**Scope:** Prepare preliminary planning studies to develop and evaluate roadway modification in the area of the State Route 92 / Delaware interchange to address congestion.



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

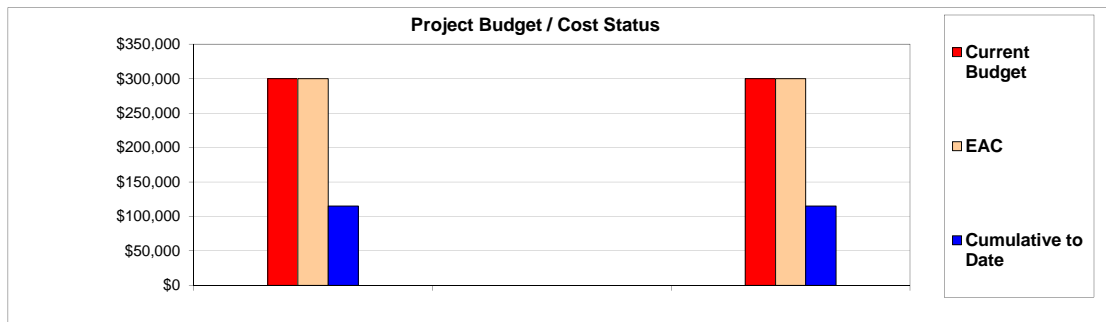
**Project Status Summary:** The Preliminary Planning Study (PPS) commenced on May 5, 2015 and the Kick off meeting was held on May 19, 2015. The Purpose and Need Statement was approved in November 2015. Currently developing short and long term option packages based on traffic operations memo. PPS completion is currently forecasted for July 2016.

**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	\$115,228	\$184,772	\$300,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$300,000</b>	<b>\$115,228</b>	<b>\$184,772</b>	<b>\$300,000</b>	<b>\$0</b>



**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline		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) Prepared the revised operations analysis memo.  
 Jan - Mar 2016 (2) Developed short and long term option packages based on traffic ops memo.  
 (3) Submitted the environmental impacts summary and checklist.

**Future Activities:** (1) Prepare final draft layout displays and cost estimates.  
 Apr - Jun 2016 (2) Begin profile designs and design exceptions analysis.  
 (3) Prepare the draft PPS report and attachments.

**Issues:** None.

**Funding :**



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$300,000	100%	\$300,000	100%	\$115,228	38%	\$300,000	100%
Others								
Federal	\$0	0%	\$0	0%	\$0	0%	\$0	0%
State	\$0	0%	\$0	0%	\$0	0%	\$0	0%
Other	\$0	0%	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$300,000</b>	<b>100%</b>	<b>\$300,000</b>	<b>100%</b>	<b>\$115,228</b>	<b>38%</b>	<b>\$300,000</b>	<b>100%</b>

**Issues:** None.

**00793 - HIGHWAY 1 SAFETY & OPERATIONAL IMPROVEMENTS**

**Scope:** Prepare Preliminary Study (PPS) to address traffic issues along a 7-mile stretch of Highway 1 - Mid Coast - Grey Whale Cove to Miramar.



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

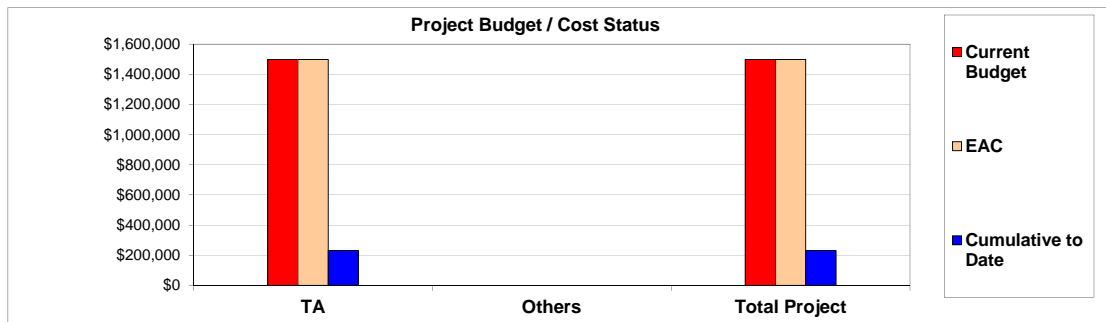
**Project Status Summary:** The Final Preliminary Planning Study (PPS) was approved on August 31, 2015. Improvements were grouped into five general locations with two or three alternatives evaluated for each location. Four public outreach meetings were held on the coast. Project delivery recommendations are included in the PPS.

**Issues:** County to work with Caltrans and the TA on the development of various strategies that would allow for early implementation of improvements at select location.

**Budget:**



Cost Analysis:Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$1,500,000	\$230,958	\$1,269,042	\$1,500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$1,500,000</b>	<b>\$230,958</b>	<b>\$1,269,042</b>	<b>\$1,500,000</b>	<b>\$0</b>



**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline		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) Continued work to develop the Project Initiation Document (PID) phase work plan.

Jan - Mar 2016

**Future Activities:** (1) County of San Mateo to develop draft PID phase work plan.

Apr - Jun 2016

**Issues:** None.

**Funding :**



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$1,500,000	100%	\$1,500,000	100%	\$230,958	15%	\$1,500,000	100%
Others								
Federal	\$0	0%	\$0	0%	\$0	0%	\$0	0%
State	\$0	0%	\$0	0%	\$0	0%	\$0	0%
Other	\$0	0%	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$1,500,000</b>	<b>100%</b>	<b>\$1,500,000</b>	<b>100%</b>	<b>\$230,958</b>	<b>15%</b>	<b>\$1,500,000</b>	<b>100%</b>

**Issues:** None.

00795 - U.S. 101 / HOLLY STREET INTERCHANGE

**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)

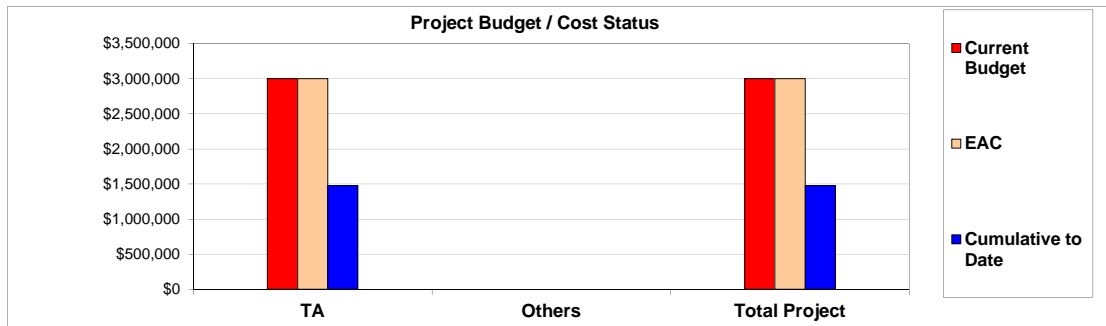
**Project Status Summary:** The environmental document was certified by Caltrans on June 19, 2015. Final Project Report for the interchange was approved by Caltrans on September 25, 2015 and work has commenced on the PS&E phase. The 65% design was submitted to Caltrans in November 2015. 100% PS&E and Right of Way Certification are forecasted to be complete in December 2016.

**Issues:** Right of Way Impacts at 501 Industrial Road may be reduced by modifying the design that is currently under review.

**Budget:**



	(a)	(b)	(c) = (d) - (b)	(d)	(e) = (a) - (d)
Cost Analysis by Segment Group	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$3,000,000	\$1,476,725	\$1,523,275	\$3,000,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$3,000,000</b>	<b>\$1,476,725</b>	<b>\$1,523,275</b>	<b>\$3,000,000</b>	<b>\$0</b>



**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (10/12)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PA&E	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	12/30/16
ROW	07/30/15	12/30/16	07/30/15	12/30/16	07/30/15	12/30/16

**Progress This Quarter:** (1) Caltrans completed the review of the 65% design plans.  
Jan - Mar 2016 (2) Commenced work on the 95% plans.

**Future Activities:** (1) Continue to work on the 95% plans and submit to Caltrans for approval.  
Apr - Jun 2016 (2) Incorporate Caltrans comments into design.  
(3) Continue Right of Way acquisition services.

**Issues:** None.

**Funding :**



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$3,000,000	100%	\$3,000,000	100%	\$1,476,725	49%	\$3,000,000	100%
Others								
Federal	\$0	0%	\$0	0%	\$0	0%	\$0	0%
State	\$0	0%	\$0	0%	\$0	0%	\$0	0%
Other	\$0	0%	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$3,000,000</b>	<b>100%</b>	<b>\$3,000,000</b>	<b>100%</b>	<b>\$1,476,725</b>	<b>49%</b>	<b>\$3,000,000</b>	<b>100%</b>

**Issues:** In October 2015, at the request of the City of San Carlos, the TA Board programmed \$10.72M for right of way activities and construction. Allocation of this funding is conditioned on environmental clearance, right of way certification and completion of design, respectively. The funding table will be amended to reflect this additional funding once these conditions for allocation are met and a funding agreement is executed.

**00796 - I-380 CONGESTION IMPROVEMENTS**

**Scope:** Prepare supplemental technical studies to support congestion improvements on Interstate 380.



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

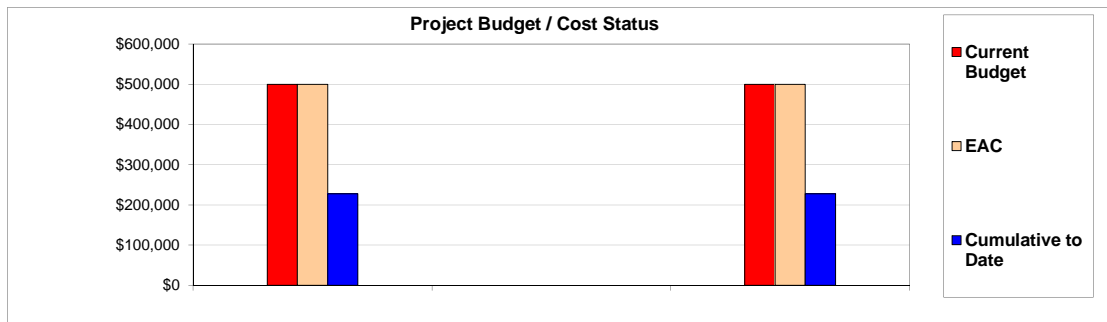
**Project Status Summary:** The Preliminary Planning Study (PPS) commenced on March 17, 2015 and the kick off meeting was held on April 8, 2015. The Purpose and Need Statement was approved in January 2016. Currently preparing the draft preliminary planning study report. PPS Completion is currently forecasted for June 30, 2016.

**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	\$227,470	\$272,530	\$500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$500,000</b>	<b>\$227,470</b>	<b>\$272,530</b>	<b>\$500,000</b>	<b>\$0</b>



**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PPS	03/17/15	06/30/16	03/17/15	06/30/16	03/17/15	06/30/16

**Progress This Quarter:** (1) Updated traffic operations analysis memo.  
 (2) Updated cost estimates.  
 (3) Continued to work on the draft PPS report.  
 Jan - Mar 2016

**Future Activities:** (1) Submit updated traffic operations memo.  
 (2) Prepare final updates to draft layout displays, sections and cost estimates.  
 (3) Submit draft PPS report.  
 Apr - Jun 2016

**Issues:** None.

**Funding :**



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$500,000	100%	\$500,000	100%	\$227,470	45%	\$500,000	100%
Others								
Federal	\$0	0%	\$0	0%	\$0	0%	\$0	0%
State	\$0	0%	\$0	0%	\$0	0%	\$0	0%
Other	\$0	0%	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$500,000</b>	<b>100%</b>	<b>\$500,000</b>	<b>100%</b>	<b>\$227,470</b>	<b>45%</b>	<b>\$500,000</b>	<b>100%</b>

**Issues:** None.

**00799 - US 101 / STATE ROUTE 92 I/C PROJECT**

**Scope:** Prepare preliminary planning studies to develop and evaluate roadway modification in the area of the US 101 / 92 interchange to address congestion.



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

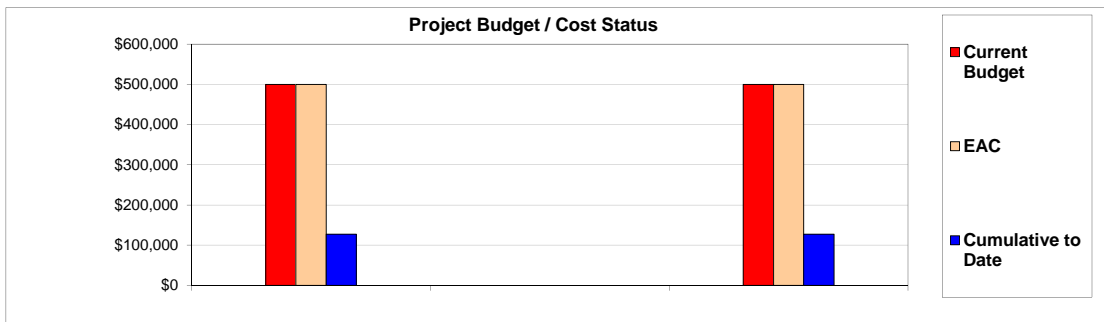
**Project Status Summary:** The Preliminary Planning Study (PPS) commenced on May 5, 2015 and the Kick off meeting was held on May 19, 2015. The Purpose and Need Statement was approved in November 2015. Currently developing short and long term option packages based on traffic operations memo. PPS completion is currently forecasted for July 2016.

**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	\$127,672	\$372,328	\$500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$500,000</b>	<b>\$127,672</b>	<b>\$372,328</b>	<b>\$500,000</b>	<b>\$0</b>



**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline		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) Prepared the revised operations analysis memo.  
 Jan - Mar 2016 (2) Developed short and long term option packages based on traffic ops memo.  
 (3) Submitted the environmental impacts summary and checklist.

**Future Activities:** (1) Prepare final draft layout displays and cost estimates.  
 Apr - Jun 2016 (2) Begin profile designs and design exceptions analysis.  
 (3) Prepare the draft PPS report and attachments.

**Issues:** None.

**Funding :**



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$500,000	100%	\$500,000	100%	\$127,672	26%	\$500,000	100%
Others								
Federal	\$0	0%	\$0	0%	\$0	0%	\$0	0%
State	\$0	0%	\$0	0%	\$0	0%	\$0	0%
Other	\$0	0%	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$500,000</b>	<b>100%</b>	<b>\$500,000</b>	<b>100%</b>	<b>\$127,672</b>	<b>26%</b>	<b>\$500,000</b>	<b>100%</b>

**Issues:** None.

**00802 - POPLAR AVENUE SAFETY IMPROVEMENTS**

**Scope:** This project will raise the median on Poplar Avenue from U.S. 101 to Idaho street. City is responsible for completing the Environmental, Design and Construction phases of the project.



**TA Role:** Funding Agency.  
**Sponsor:** City of San Mateo (also the Implementing Agency).

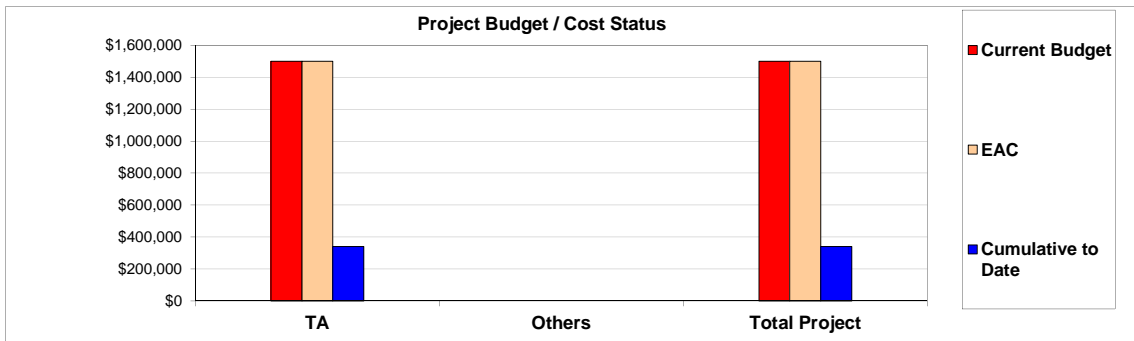
**Project Status Summary:** City is completing the design for the project. The Project was advertised for construction on March 20, 2016.

**Issues:** None.

**Budget:**



	(a)	(b)	(c) = (d) - (b)	(d)	(e) = (a - d)
Cost Analysis:Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$1,500,000	\$340,481	\$1,159,519	\$1,500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$1,500,000</b>	<b>\$340,481</b>	<b>\$1,159,519</b>	<b>\$1,500,000</b>	<b>\$0</b>



**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (6/15)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PA&ED	07/01/13	04/01/14	10/01/13	05/30/15	10/01/13	06/01/15
PS&E	07/01/13	09/01/14	10/01/13	09/30/15	10/01/13	09/30/15
Construction	01/01/15	08/01/15	03/01/16	09/01/16	07/01/16	12/31/16

**Progress This Quarter:** (1) Finalized bid package and design plans for bidding.  
 (2) Advertised project for construction bids.  
 Jan - Mar 2016

**Future Activities:** (1) Open bids on April 12, 2016.  
 (2) Award contract in June 2016.  
 (3) Start Construction in July 2016.  
 Apr - Jun 2016

**Issues:** None.

**Funding :**



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$1,500,000	100%	\$1,500,000	100%	\$340,481	23%	\$1,500,000	100%
Others								
Federal	\$0	0%	\$0	0%	\$0	0%	\$0	0%
State	\$0	0%	\$0	0%	\$0	0%	\$0	0%
Other	\$0	0%	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$1,500,000</b>	<b>100%</b>	<b>\$1,500,000</b>	<b>100%</b>	<b>\$340,481</b>	<b>23%</b>	<b>\$1,500,000</b>	<b>100%</b>

**Issues:** None.



00803 - 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)

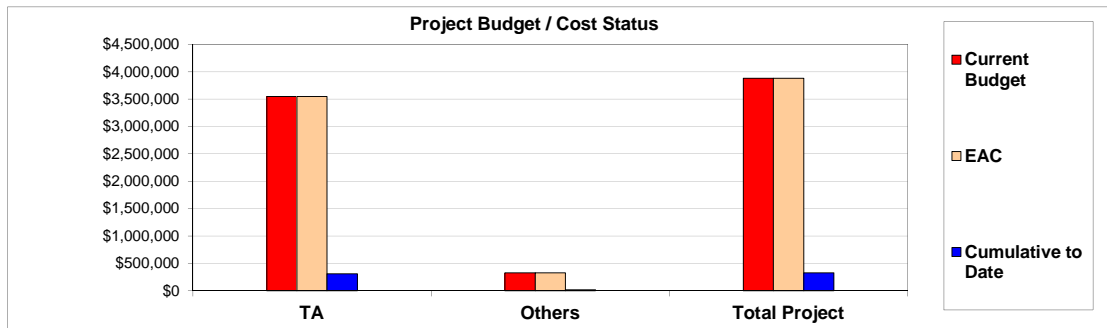
**Project Status Summary:** The PSR-PDS was approved on August 31, 2015. Board approved funding for the PA&ED phase on October 1, 2015. The city is currently working on a request for proposal (RFP) to select a consultant for the Environmental Phase of the project.

**Issues:** None.

**Budget:**



Cost Analysis:Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$3,550,000	\$310,434	\$3,239,566	\$3,550,000	\$0
Others	\$330,660	\$19,000	\$311,660	\$330,660	\$0
<b>Total Project</b>	<b>\$3,880,660</b>	<b>\$329,434</b>	<b>\$3,551,226</b>	<b>\$3,880,660</b>	<b>\$0</b>



**Issues:** None.

**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
Environmental	TBD	TBD	TBD	TBD	TBD	TBD

**Progress This Quarter:** (1) Continued working on the funding agreement.  
 (2) Commenced preparation of the RFP for the selection of a consultant for the PA&ED phase.  
 Jan - Mar 2016

**Future Activities:** (1) Continue preparation of the RFP for the selection of a consultant for the PA&ED phase.  
 Apr - Jun 2016

**Issues:** None.

**Funding :**



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$650,000	100%	\$3,550,000	91%	\$310,434	9%	\$3,550,000	91%
Others								
Federal	\$0	0%	\$0	0%	\$0	0%	\$0	0%
State	\$0	0%	\$0	0%	\$0	0%	\$0	0%
City	\$0	0%	\$330,660	9%	\$19,000	6%	\$330,660	9%
<b>Total</b>	<b>\$650,000</b>	<b>100%</b>	<b>\$3,880,660</b>	<b>100%</b>	<b>\$329,434</b>	<b>8%</b>	<b>\$3,880,660</b>	<b>100%</b>

**Issues:** None.

**00805 - HIGHWAY 92 / El Camino Real Interchange**

**Scope:** This project will convert the existing full interchange to a partial cloverleaf interchange, realign and widen on-and-off ramps, 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:** County of San Mateo (also implementing agency)

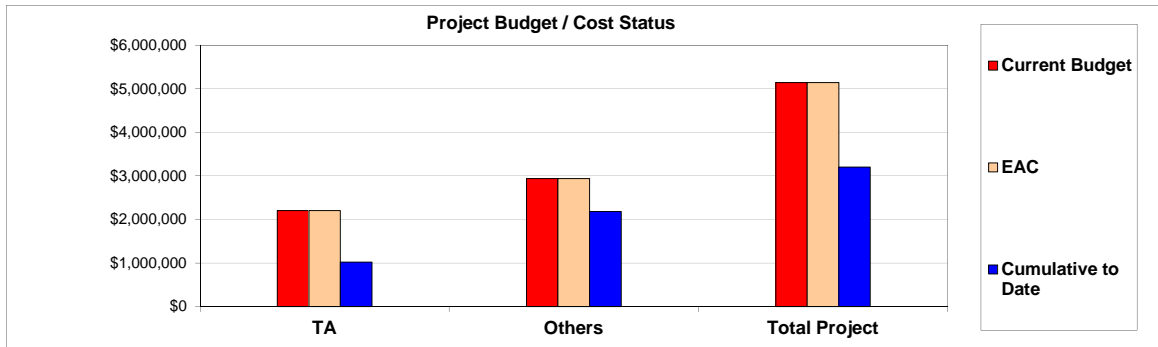
**Project Status Summary:** Caltrans is currently working on the PS&E phase of the project. Completion of 100% PS&E is currently forecasted for April 2016.

**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	\$1,020,461	\$1,179,539	\$2,200,000	\$0
Others	\$2,940,000	\$2,180,000	\$760,000	\$2,940,000	\$0
<b>Total Project</b>	<b>\$5,140,000</b>	<b>\$3,200,461</b>	<b>\$1,939,539</b>	<b>\$5,140,000</b>	<b>\$0</b>



**Issues:** None.

**Schedule:**



**Major Milestones:**  
PS&E

Original Baseline	
Start	Finish
07/01/14	07/01/15

Current Baseline (10/12)	
Start	Finish
07/01/14	01/01/16

Current Forecast	
Start	Finish
07/01/14	04/30/16

**Progress This Quarter:** (1) Continued work to finalize review of the 100% PS&E.  
Jan - Mar 2016

**Future Activities:** (1) Obtain approval of 100% PS&E.  
Apr - Jun 2016

**Issues:** Multiple unanticipated reviews of the final design were the major contributors to the schedule delay. Due to the anticipated CTC action to deprogram State Transportation Improvement Program (STIP), funding the start of construction will be delayed until an alternative funding source or strategy can be identified. \$5M of STIP funding for the construction was programmed for this project.

**Funding :**



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$2,200,000	43%	\$2,200,000	43%	\$1,020,461	46%	\$2,200,000	43%
<b>Others</b>								
<b>Federal</b>	\$1,980,000	39%	\$1,980,000	39%	\$1,980,000.00	100%	\$1,980,000	39%
<b>State</b>	\$50,000	1%	\$50,000	1%	\$0.00	0%	\$50,000	1%
<b>City</b>	\$910,000	18%	\$910,000	18%	\$200,000.00	22%	\$910,000	18%
<b>Total</b>	<b>\$5,140,000</b>	<b>100%</b>	<b>\$5,140,000</b>	<b>100%</b>	<b>\$3,200,461</b>	<b>62%</b>	<b>\$5,140,000</b>	<b>100%</b>

**Issues:** In October of 2015, at the request of the City of Menlo Park, the TA Board programmed \$16M to fund the construction capital phase of the project. The allocation was conditioned on right of way certification and completion of design. The funding table will be amended to reflect this additional funding once conditions for allocation are met and funding agreement is executed.

**00817 - STATE ROUTE 35 WIDENING PROJECT**

**Scope:** Prepare supplemental technical studies to support congestion improvements on State Route 35 between I-280 and Sneath Lane in San Mateo County.



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

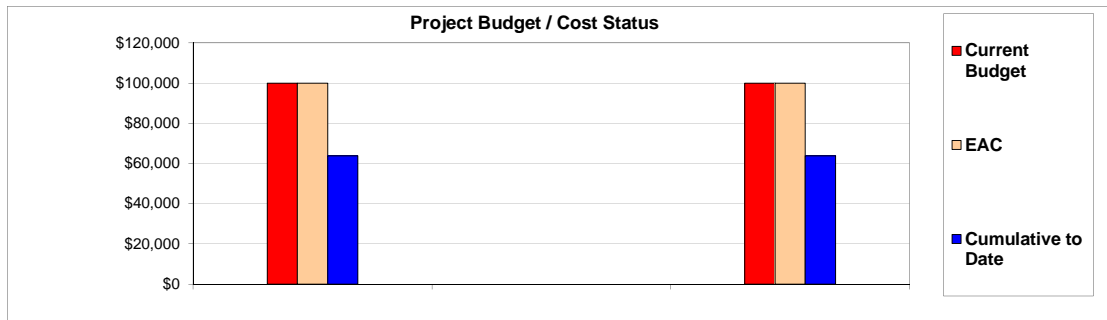
**Project Status Summary:** The Preliminary Planning Study (PPS) commenced on May 18, 2015 and the kick off meeting was held on May 27, 2015. The Purpose and Need Statement was approved in July 2015. Currently preparing the final preliminary planning study report. PPS Completion is currently forecasted for June 30, 2016.

**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	\$63,805	\$36,195	\$100,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$100,000</b>	<b>\$63,805</b>	<b>\$36,195</b>	<b>\$100,000</b>	<b>\$0</b>



**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PPS	05/18/15	05/16/16	05/18/15	05/16/16	05/18/15	05/16/16

**Progress This Quarter:** (1) Received and incorporated comments on the Alternatives Geometrics Exhibits/Matrix.  
 (2) Continued to work on the draft PPS report.  
 Jan - Mar 2016

**Future Activities:** (1) Hold fatal flaws meeting on April 28, 2016.  
 (2) Complete draft PPS report.  
 Apr - Jun 2016

**Issues:** None.

**Funding :**



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$100,000	100%	\$100,000	100%	\$63,805	64%	\$100,000	100%
Others								
Federal	\$0	0%	\$0	0%	\$0	0%	\$0	0%
State	\$0	0%	\$0	0%	\$0	0%	\$0	0%
Other	\$0	0%	\$0	0%	\$0	0%	\$0	0%
<b>Total</b>	<b>\$100,000</b>	<b>100%</b>	<b>\$100,000</b>	<b>100%</b>	<b>\$63,805</b>	<b>64%</b>	<b>\$100,000</b>	<b>100%</b>

**Issues:** None.

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# Level I Projects Highways

**TA - Level 1 Highway Projects:**

<p><b>00629 - US 101 - Marsh to SM/SC County Line (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> \$11,336,577</p> <p><b>Remaining</b> \$25,448,594</p>
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**Caltrain - Grade**  
**Separation & Oversight**  
**Level 1**

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

<p><b>00812 - Grade Separation Study - 25th Avenue (San Mateo)</b>  <b>Scope:</b> This project provides funding to the JPB for the 25th Avenue (San Mateo) Grade Separation Project.  <b>Phase:</b> Planning  <b>Status:</b> \$8.7M was allocated to this project for Preliminary Engineering, Environmental Clearance and final design under Resolution 2016 - 03.                  Note: Expended cost includes the actual costs for HDR and Louis Berger Group.</p>	<p><b>SMCTA Budget</b> \$8,700,000</p> <p><b>Expended</b> \$1,462,177</p> <p><b>Remaining</b> \$7,237,823</p>
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<p><b>00813 - Grade Separation Study - Broadway (Burlingame)</b>  <b>Scope:</b> This project provides funding to the JPB for the Broadway (Burlingame) Grade Separation Project.  <b>Phase:</b> Planning  <b>Status:</b> \$1M was allocated to this project for Planning under Resolution 2013 - 24.</p>	<p><b>SMCTA Budget</b> \$1,000,000</p> <p><b>Expended</b> \$541,888</p> <p><b>Remaining</b> \$458,112</p>
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## 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.

**Segment Group** – A grouping to collect costs for specific types of tasks performed on the project:

- **Segment Group 1 – Planning & Engineering** – Consists of Feasibility Study, PSR (Project Study Report) and Environmental
- **Segment Group 2 – PS&E (Plan, Specifications and Estimates)** – Consists of Engineering Plans, Specifications and Estimating tasks from 35% Design to Final Design.



## San Mateo County Transportation Authority

### CAPITAL PROJECTS – Quarterly Progress Report

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- **Segment Group 3 – R.O.W (Right-Of-Way)** – Consists of ROW/Easements and Utility Relocation.
- **Segment Group 4 – Construction** – Consists of Procurement and Construction.
- **Segment Group 5 – Administration** – Consists of Program Support and Project Management Services, Agency staff, Sponsor Staff & Administration, In-House Legal Service, and Other Direct costs incurred by agency staff.
- **Segment Group 6 – Contingency** – Consists of Project Contingency.

**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.

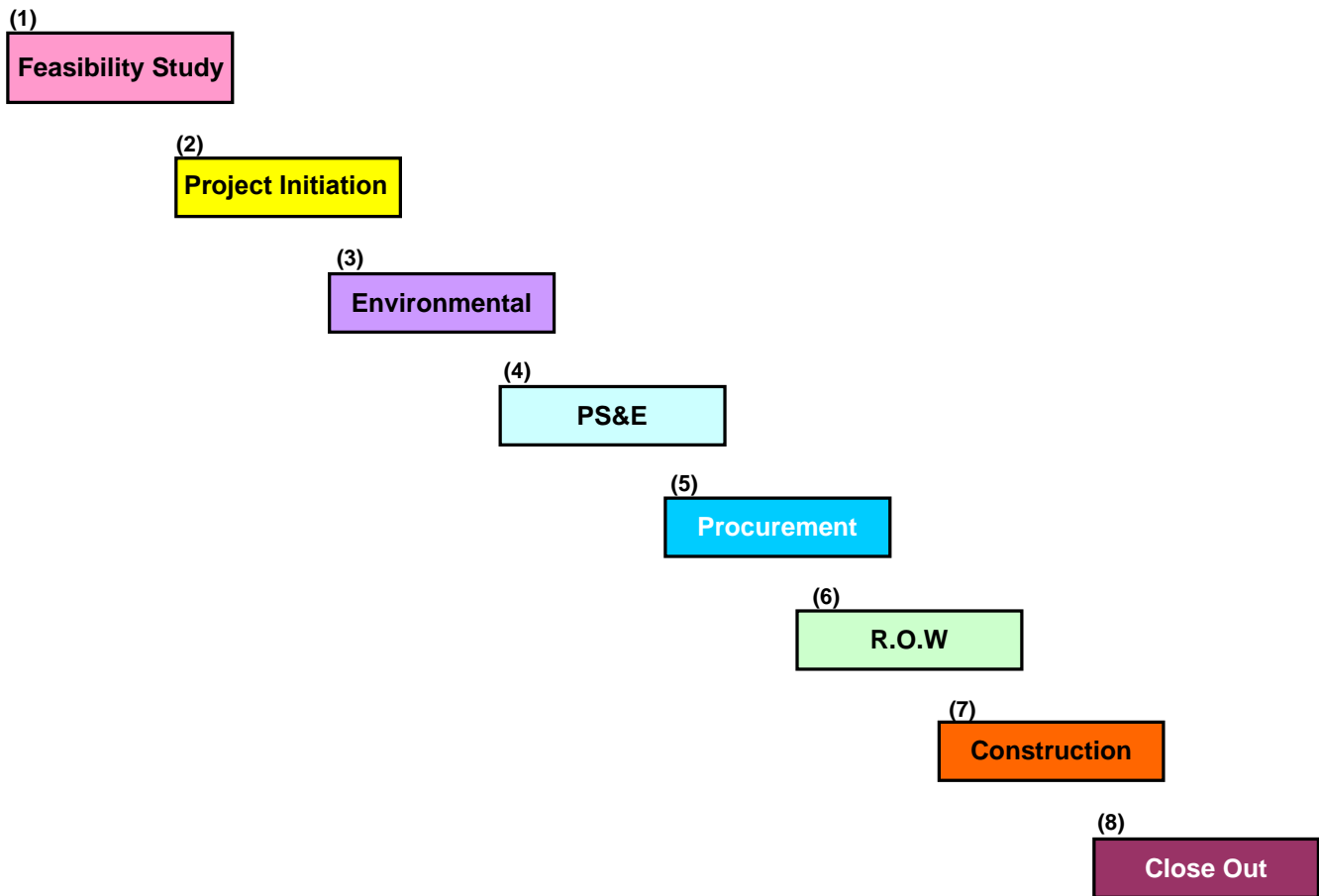
**PID** – Project Initiation Document – A report providing conceptual project information including project scope, environmental assessment, feasibility, scope, costs and schedule.

**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 two 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 two 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) Project milestones / critical path show slippage more than two consecutive months.</p> <p>(b) Forecast project completion date is later than the current baseline scheduled completion date by more than six months.</p> <p>(c) Schedule NOT defined for two consecutive months.</p>
<b>4. FUNDING</b>	<p>(a) Expenditure is consistent with Available Funding.</p> <p>(b) All funding has been secured or available for scheduled work.</p>	<p>(a) Expenditure reaches 90% of <u>Available Funding</u>, where remaining funding is NOT yet available.</p> <p>(b) NOT all funding is secured or available for scheduled work.</p>	<p>(a) Expenditure reaches 100% of <u>Available Funding</u>, where remaining funding is NOT yet available.</p> <p>(b) No funding is secured or available for scheduled work.</p>