

# Capital Projects

## Quarterly Status Report

**4th Quarter FY2016 : April 1 - June 30, 2016**

Report prepared for the **September 1, 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**

	SCOPE		BUDGET		SCHEDULE		FUNDING		Page
	Q3 FY16	Q4 FY16	Q3 FY16	Q4 FY16	Q3 FY16	Q4 FY16	Q3 FY16	Q4 FY16	
<b>Highways</b>									2
<b>00615 - Calera Parkway Project (Fassler to Westport)</b> Phase - Project Approval and Environmental Document (PA&ED)									3
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<b>00817 - State Route 35 Widening Project</b> Phase - Preliminary Planning Study (PPS)									17

**Level 1 Projects**

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<b>00629 - U.S. 101 - Marsh to SM/SC County Line Project (Auxiliary Lanes)</b> Phase - Plant Establishment									19
<b>Caltrain - Grade Separation &amp; Oversight</b>									20
<b>00812 - Grade Separation Study - 25th Avenue Project (San Mateo)</b> Phase - Planning									21
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= Project On-Hold



= No Issues



= Notable Issues



= Significant Issues

# **Level 2 Projects** **Highways**

**000615 - 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, adding a median divider, and making shoulder improvements.



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

**Project Status Summary:** The PID and PA&ED phases are 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 "Pacifigans 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 for 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.

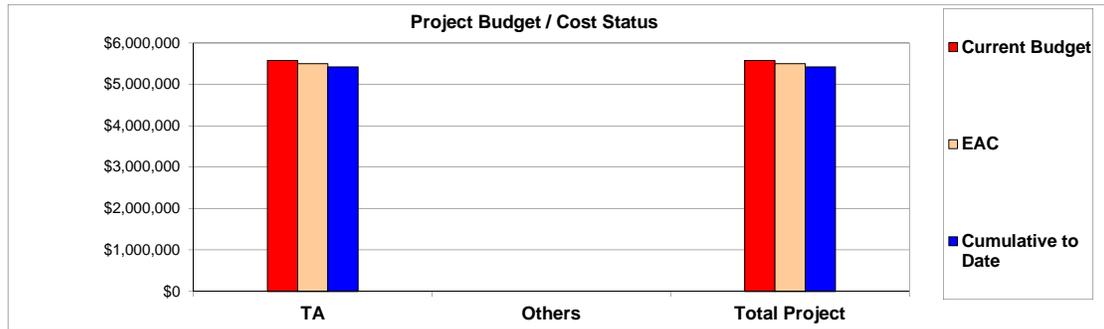
**Due to litigation, this will be the final Level 2 report, and future quarterly reports will be at Level 1.**

**Issues:** None.

**Budget:**



Cost Analysis: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$5,573,000	\$5,417,411	\$77,411	\$5,494,822	\$38,178
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$5,573,000</b>	<b>\$5,417,411</b>	<b>\$77,411</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** (1) Continued to monitor the first lawsuit.

**This Quarter:**  
 April - June 2016

**Future** (1) Continue to monitor the first lawsuit.

**Activities:**

**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
SMCTA	\$5,573,000	100%	\$5,573,000	100%	\$5,417,411	99%	\$5,494,822	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>\$5,573,000</b>	<b>100%</b>	<b>\$5,573,000</b>	<b>100%</b>	<b>\$5,417,411</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.

**000621 - 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

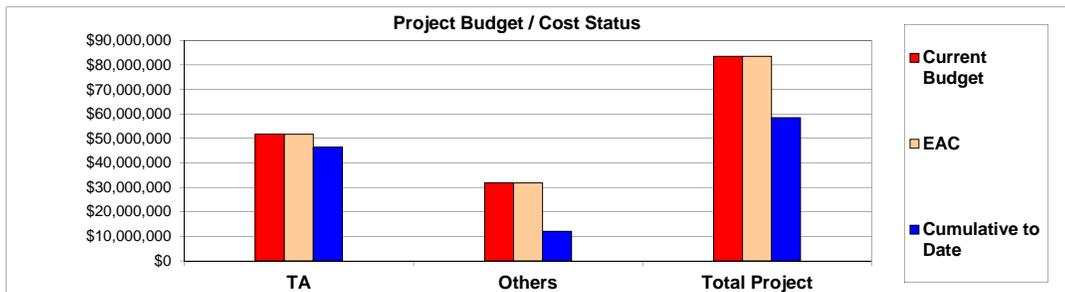
**Project Status Summary:** PID, PA&ED, and PS&E phases are complete. Caltrans is providing construction contract management and inspection. Construction scope includes one year of plant establishment period for planting on the City right of ways. Planting on Caltrans right of way will be placed on a subsequent contract following completion of the current construction contract. TA is providing design support during construction. Caltrans reported that the contractor has completed approximately 70% of the contract work, 63% of the scheduled time has been used and 71% of the budgeted cost has been expended as of 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	\$51,687,000	\$46,304,484	\$5,382,516	\$51,687,000	\$0
Others	\$31,831,000	\$12,096,994	\$19,734,006	\$31,831,000	\$0
<b>Total Project</b>	<b>\$83,518,000</b>	<b>\$58,401,478</b>	<b>\$25,116,522</b>	<b>\$83,518,000</b>	<b>\$0</b>



0.6992682

**Issues:** Budget increase may be necessary for utility work, construction management, and design services during construction. This potential increase will be evaluated as more detailed information becomes available.

**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

**Progress This Quarter:** (1) Continued SWPP Implementation.  
 (2) Continued stage 3 soil cement work.  
**April - June 2016** (3) Completed Sanitary Sewer Force Main system 2 and temporary bypass.  
 (4) Continued pile driving for Southbound on-ramp bridge.  
 (5) Commenced construction of Broadway on-ramp Abutment 2.  
 (6) Continued work on MSE wall #15 construction.

**Future Activities:** (1) Continue Stage 3 soil cement work.  
 (2) Commence construction of Southbound on-ramp foundations and abutments.  
 (3) Commence excavation for on-ramp abutment 2.  
 (4) Continue work on gateway walls.  
 (5) Continue work on MSE wall #15.

**Issues:** The Temporary Construction Easement extensions for Crowne Plaza were successfully negotiated to avoid impact to the construction schedule.

**Funding :**



	Original Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$19,300,000	\$51,687,000	62%	\$46,304,484	90%	\$51,687,000	62%
Others							
Federal	\$0	\$3,613,000	4%	\$2,228,394	62%	\$3,613,000	4%
State	\$0	\$23,218,000	28%	\$6,685,181	29%	\$23,218,000	28%
City	\$0	\$5,000,000	6%	\$3,183,419	64%	\$5,000,000	6%
<b>Total</b>	<b>\$19,300,000</b>	<b>\$83,518,000</b>	<b>100%</b>	<b>\$58,401,478</b>	<b>70%</b>	<b>\$83,518,000</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:** The City of Menlo Park.

**Project Status Summary:**

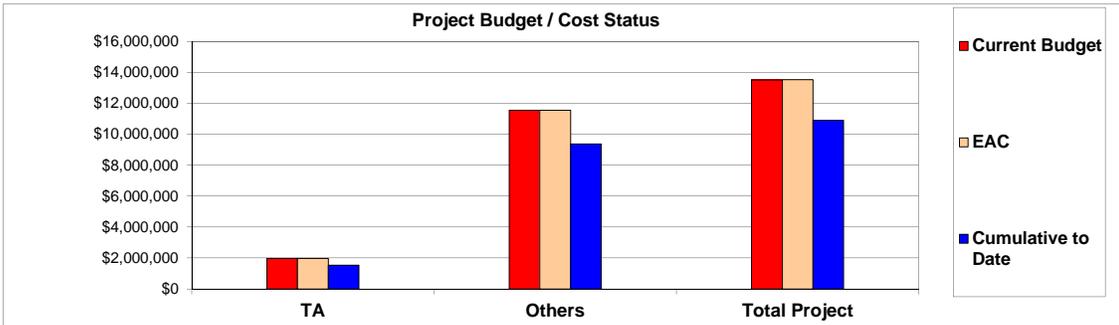
The Project Study Report (PSR) and the Environmental (PA&ED) and Design (PS&E) phases are complete. The project received Right of Way Certification on April 13, 2016 and was Ready to List on April 15, 2016. Due to state funding shortfall, the project will be delayed. Currently working on the Duty Senior File, Survey File, R.E. File, and the Cooperative Agreement.

**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	\$1,969,000	\$1,532,000	\$437,000	\$1,969,000	\$0
Others	\$11,552,000	\$9,374,220	\$2,177,780	\$11,552,000	\$0
<b>Total Project</b>	<b>\$13,521,000</b>	<b>\$10,906,220</b>	<b>\$2,614,780</b>	<b>\$13,521,000</b>	<b>\$0</b>



**Note:** Budget is for planning, environmental, 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	04/15/16
Right of Way	07/01/07	03/02/09	01/02/14	03/15/16	01/02/14	04/13/16

**Progress**

(1) Received Right-of-way Certification on April 13, 2016.

**This Quarter:**

(2) Obtained Ready to List (RTL) on April 15, 2016.

**April - June 2016**

(3) Continued work on the Resident Engineer file and the Survey file.  
 (4) Working on the Cooperative Agreement for the Construction phase.

**Future Activities:**

(1) Continue to work on the Cooperative Agreement.  
 (2) Explore alternative funding strategies to mitigate the impact of the delay in STIP funding.

**Issues:**

Due to the May 2016 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 has been 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%	\$1,532,000	78%	\$1,969,000	15%
Others								
Federal	\$0	0%	\$0	0%	\$0	0%	\$0	0%
State	\$11,552,000	96%	\$11,552,000	85%	\$9,374,220	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>\$10,906,220</b>	<b>81%</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 full funding conditions are met and a funding agreement is executed.

**000768 - US 101 / WOODSIDE ROAD INTERCHANGE PROJECT**

**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)

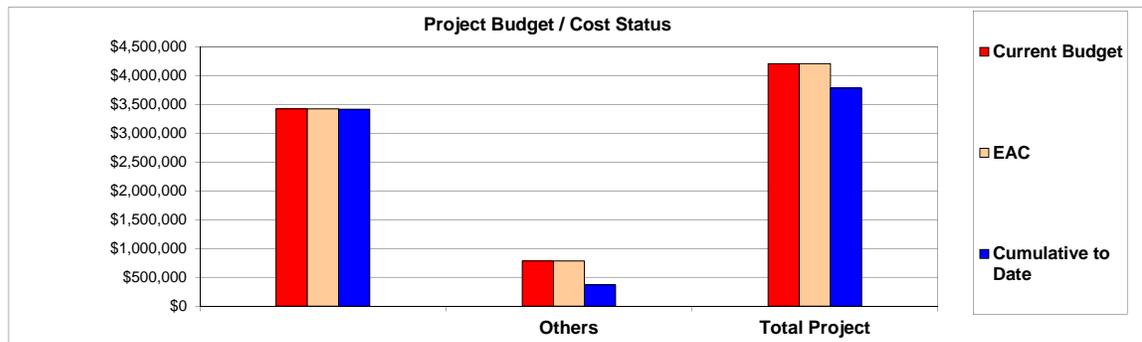
**Project Status Summary:** Project is in the Environmental phase. The Draft Environmental Document was issued for public review on April 11, 2016. The DED Public Meeting was held on April 28, 2016. The 45 day public comment period closed on May 26, 2016. Project team is reviewing and responding to public comments on the draft environmental document.

**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	\$3,416,499	\$3,501	\$3,420,000	\$0
Others	\$784,000	\$367,390	\$416,610	\$784,000	\$0
<b>Total Project</b>	<b>\$4,204,000</b>	<b>\$3,783,889</b>	<b>\$420,111</b>	<b>\$4,204,000</b>	<b>\$0</b>



Note: Budget is for PA&ED phases only.

**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (3/15)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PA&ED	09/01/13	09/01/15	10/10/13	10/31/16	10/24/13	11/11/16

**Progress**

This Quarter:  
April-June 2016

- (1) Submitted and circulated the draft environmental document and began responding to public comments.
- (2) Worked on the final environmental document and project report.
- (3) Continued review of the Cooperative Agreement.
- (4) Pursued project funding for design.

**Future Activities:**

- (1) Continue to review and respond to public comments on the draft environmental document.
- (2) Select preferred alternative.
- (3) Continue preparation of the Final Environmental and Engineering documents.
- (4) Continue review and provide comments on the Cooperative Agreement for PS&E and Right of Way phases.

**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%	\$3,416,499	100%	\$3,420,000	81%
Others								
Federal		0%		0%		0%		0%
State		0%		0%		0%		0%
City	\$380,000	10%	\$784,000	19%	\$367,390	47%	\$784,000	19%
<b>Total</b>	<b>\$3,800,000</b>	<b>100%</b>	<b>\$4,204,000</b>	<b>100%</b>	<b>\$3,783,889</b>	<b>90%</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.

**000782 - 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 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

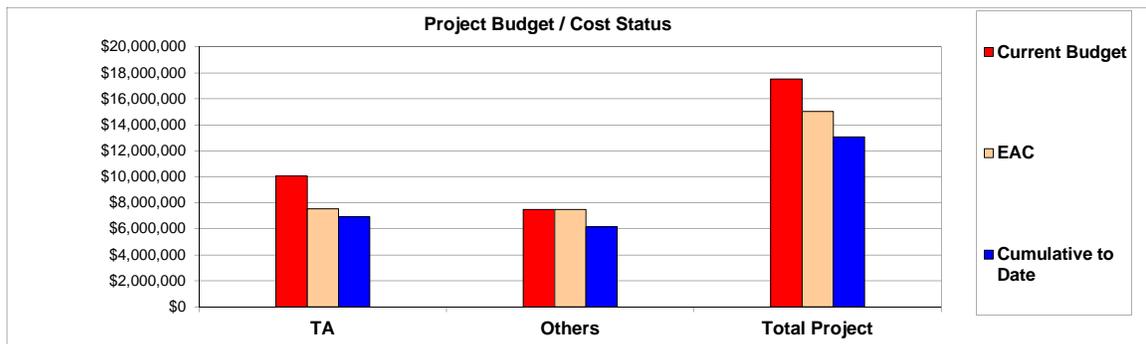
**Project Status Summary:** Construction is complete. Work is underway on off site mitigation and the plant establishment period.

**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	\$6,922,456	\$618,495	\$7,540,951	\$2,513,049
Others	\$7,479,435	\$6,149,560	\$1,329,875	\$7,479,435	\$0
<b>Total Project</b>	<b>\$17,533,435</b>	<b>\$13,072,016</b>	<b>\$1,948,370</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** (1) Continued work on off site mitigation.  
**This Quarter:** (2) Continued plant establishment phase.  
 April - June 2016

**Future Activities:** (1) Continue plant establishment period.  
 (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%	\$6,922,456	92%	\$7,540,951	50%
<b>Others</b>								
<b>Federal</b>	\$3,394,410	37%	\$4,446,000	25%	\$3,399,560	76%	\$4,446,000	30%
<b>State</b>	\$2,881,488	31%	\$2,883,435	16%	\$2,600,000	90%	\$2,883,435	19%
<b>Other</b>	\$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>\$13,072,016</b>	<b>87%</b>	<b>\$15,020,386</b>	<b>100%</b>

**Issues:** None.

**000791 - U.S. 101 MANAGED LANES PROJECT (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, SMCTA

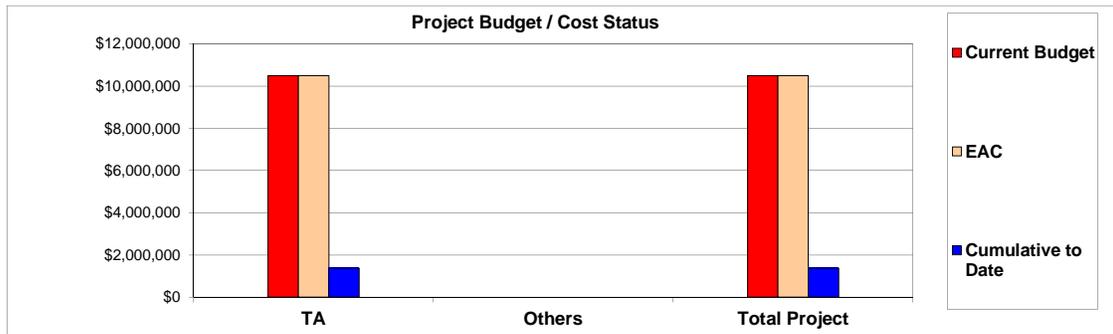
**Project Status Summary:** Project Study Report - Project Development Study (PSR-PDS) was approved on May 7, 2015. C/CAG and the TA are using cost savings from the PID Phase to advance traffic studies that will be used in the environmental phase. The project team has been finalized and work is underway on travel demand forecast and traffic studies. The Cooperative Agreement was executed on June 22, 2016 for the PA&ED phase.

**Issues:** In response to project stakeholders input, the study limits have expanded beyond what had been developed in the PID. The project limits have been extended seven 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.

**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	\$1,373,758	\$9,126,242	\$10,500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$10,500,000</b>	<b>\$1,373,758</b>	<b>\$9,126,242</b>	<b>\$10,500,000</b>	<b>\$0</b>



**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (6/16)		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	05/07/15
PA&ED	06/22/16	10/24/18	06/22/16	10/24/18	06/22/16	10/24/18

**Progress This Quarter:** (1) Held kick off meeting.  
 (2) Executed the Cooperative Agreement.  
**April - June 2016** (3) Continued preparation of the baseline schedule for the PA&ED phase.  
 (4) Continued work on traffic studies.  
 (5) Received approval of the supplemental PSR/PDS.  
 (6) Executed TA Board action allowing TA to be a co-sponsor with C/CAG at June 2016 board meeting (RESO-2016-12).  
 (7) Addressed funding gap.

**Future Activities:** (1) Hold PDT Meeting #1.  
 (2) Continue management coordination with Stakeholders.  
 (3) Secure additional funding required to address funding gap for the environmental phase.  
 (4) Confirm PA&ED phase cost estimate.  
 (5) Finalize PA&ED phase baseline schedule.

**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%	\$1,373,758	13%	\$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>\$1,373,758</b>	<b>13%</b>	<b>\$10,500,000</b>	<b>100%</b>

**Issues:** TA Board authorized a funding agreement with SAMCEDA which would bring an additional \$3M to the project (RESO-2016-13). The funding table will be updated to reflect this additional funding upon execution of a funding agreement with SAMCEDA.

**000792 - HIGHWAY 92 / DELAWARE INTERCHANGE 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.  
**Sponsor:** C/CAG.

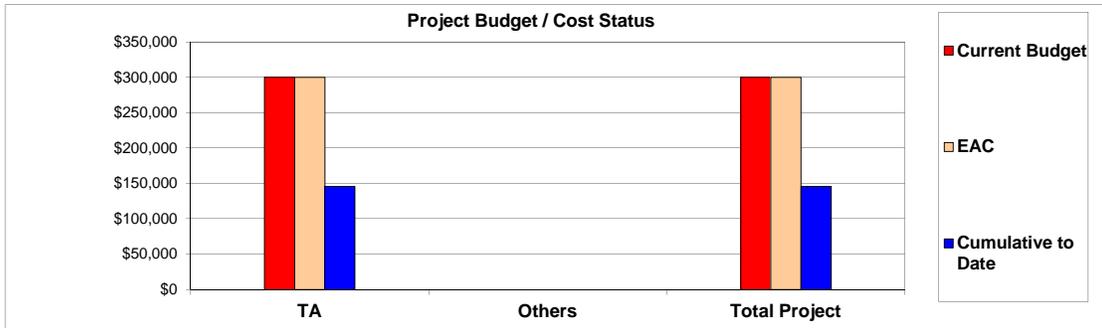
**Project Status Summary:** The Preliminary Planning Study (PPS) commenced on May 5, 2015 and the Kick off meeting was held on May 19, 2015. The Purpose and Need Statement was approved in November 2015. The final PPS report was submitted for review on June 22, 2016.

**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	\$145,816	\$154,184	\$300,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$300,000</b>	<b>\$145,816</b>	<b>\$154,184</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) Updated the final PPS and submitted for review on June 22, 2016.  
(2) Updated cost estimates and structures based on new geometry and profiles.  
**April - June 2016** (3) Prepared control lines, existing terrain, and design profiles for selected alignments.

**Future Activities:** (1) Review PPS.  
(2) Close out PPS Phase.

**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%	\$145,816	49%	\$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>\$145,816</b>	<b>49%</b>	<b>\$300,000</b>	<b>100%</b>

**Issues:** None.

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

**Scope:** Prepare Preliminary Planning Study (PPS), Project Initiation Document, Environmental and Design 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.

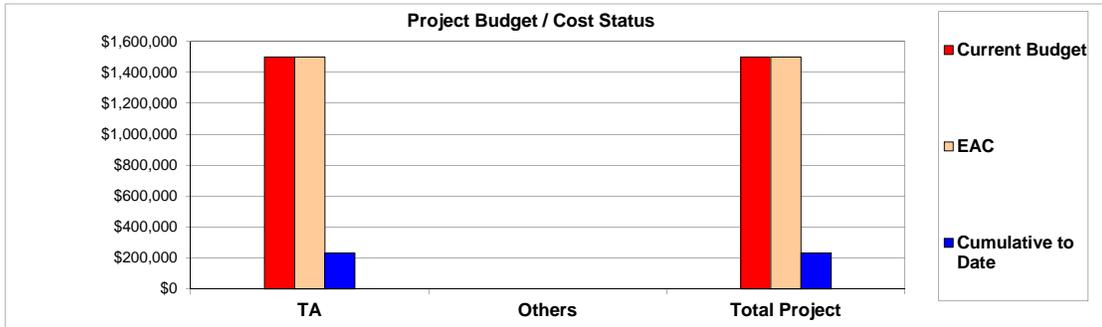
**Project Status Summary:** The Final Preliminary Planning Study (PPS) was completed on August 31, 2015. Improvements were grouped into five general locations with two or three alternatives evaluated for each location. Four public outreach meetings were held on the coast. Project delivery recommendations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

**Issues:** The County is currently working 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	\$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>



**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (6/15)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PPS	03/03/14	06/30/15	03/03/14	12/31/15	03/03/14	08/31/15

**Progress This Quarter:** (1) Continued work to develop the Project Initiation Document (PID) phase work plan.

April - June 2016

**Future Activities:** (1) Check when the County of San Mateo will develop the draft PID phase work plan.

**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%	\$231,171	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>\$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)

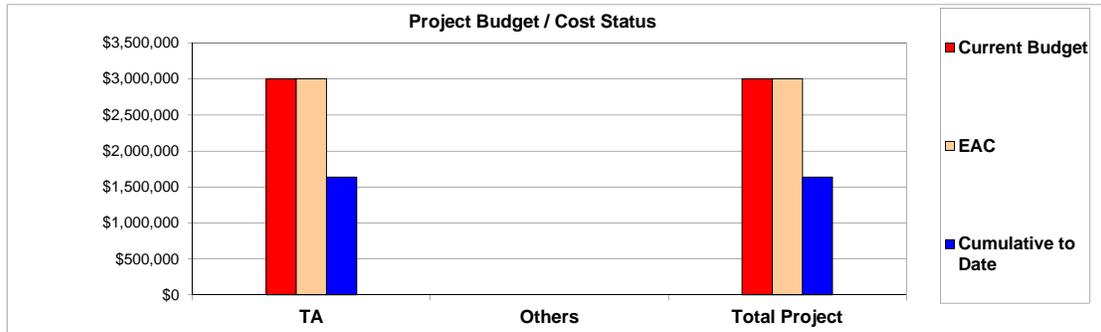
**Project Status Summary:** The environmental document was certified by Caltrans on June 19, 2015. Final Project Report for the interchange was approved by Caltrans on September 25, 2015 and work has commenced on the PS&E phase. The 65% design was submitted to Caltrans in November 2015. 100% PS&E and 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: Project Level	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
TA	\$3,000,000	\$1,635,852	\$1,364,148	\$3,000,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$3,000,000</b>	<b>\$1,635,852</b>	<b>\$1,364,148</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&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	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:** April - June 2016

- (1) Completed Utility Verification.
- (2) Completed additional geotechnical analysis.
- (3) Continued working on the 95% plans.
- (4) Continued Right of Way acquisition services.

**Future Activities:**

- (1) Continue working on the 95% plans and submit to Caltrans for approval.
- (2) Prepare design modifications to existing bridge.
- (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%	\$1,635,852	55%	\$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>\$1,635,852</b>	<b>55%</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.

**000796 - I-380 CONGESTION IMPROVEMENTS PROJECT**

**Scope:** Prepare Preliminary Planning Study (PPS) to identify congestion improvements on Interstate 380.



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

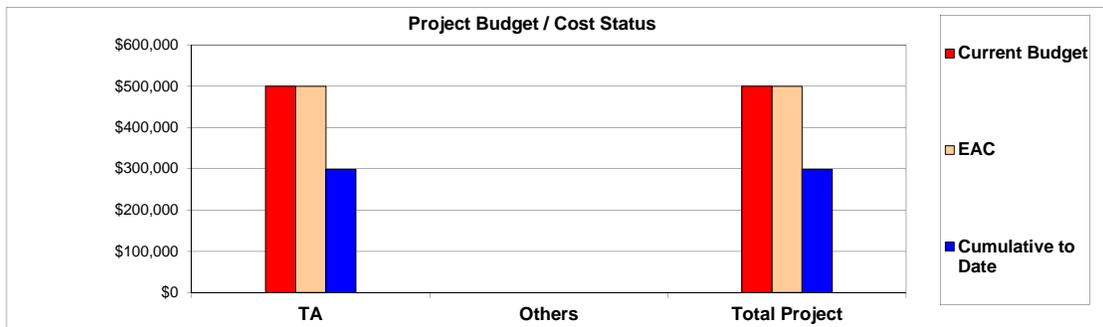
**Project Status Summary:** The Preliminary Planning Study (PPS) commenced on March 17, 2015 and the kick off meeting was held on April 8, 2015. The Purpose and Need Statement was approved in January 2016. Submitted the draft preliminary planning study report. The Project Team incorporated comments from San Bruno and South San Francisco into the final report and the PPS phase was completed on 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	\$298,976	\$201,024	\$500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$500,000</b>	<b>\$298,976</b>	<b>\$201,024</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** (1) Updated PPS report based on Agency comments.  
**This Quarter:** (2) Prepared existing surface profiles for selected alignments.  
**April - June 2016** (3) Reviewed cost estimates and impacts related to profile constraints.  
 (4) Submitted the final PPS report.

**Future Activities:** (1) Close out of the Preliminary Planning Study (PPS) phase.

**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%	\$298,976	60%	\$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>\$298,976</b>	<b>60%</b>	<b>\$500,000</b>	<b>100%</b>

**Issues:** Expended to Date does not reflect delayed invoices.

**000799 - US 101 / STATE ROUTE 92 INTERCHANGE 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.  
**Sponsor:** C/CAG.

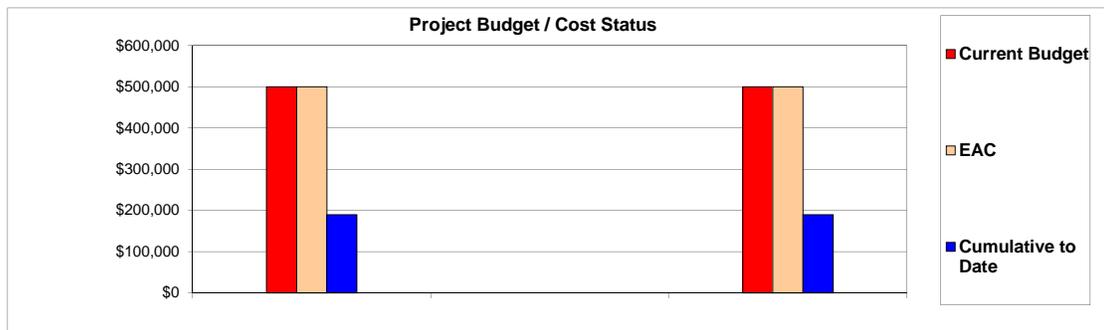
**Project Status Summary:** The Preliminary Planning Study (PPS) commenced on May 5, 2015 and the Kick off meeting was held on May 19, 2015. The Purpose and Need Statement was approved in November 2015. The final PPS report was submitted for review on June 22, 2016. Currently responding to final comments on the PPS. PPS phase is forecasted to complete in early 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	\$189,213	\$310,787	\$500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$500,000</b>	<b>\$189,213</b>	<b>\$310,787</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) Submitted the final PPS report on June 22, 2016.  
(2) Prepared control lines, existing terrain and design profiles for selected alignments.  
**April - June 2016** (3) Updated geometry based on profile constrains.

**Future Activities:** (1) Review Preliminary Planning Study (PPS)  
(2) Close out the PPS phase.

**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%	\$189,213	38%	\$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>\$189,213</b>	<b>38%</b>	<b>\$500,000</b>	<b>100%</b>

**Issues:** None.

**000802 - POPLAR AVENUE SAFETY IMPROVEMENTS PROJECT**

**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).

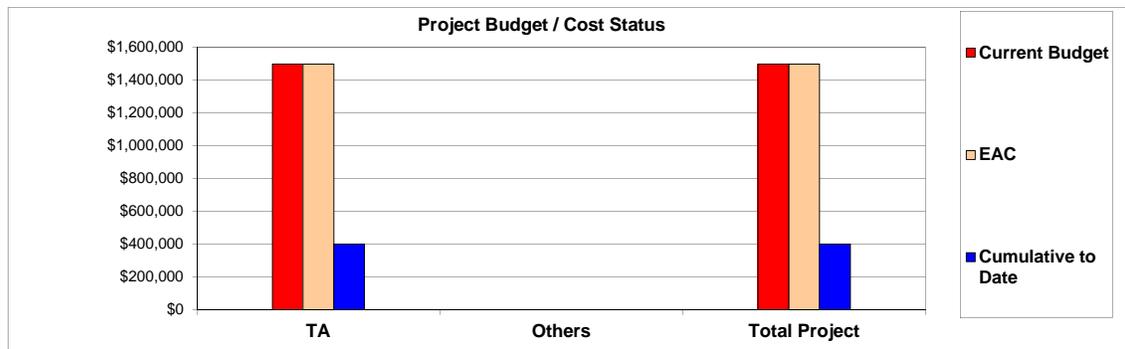
**Project Status Summary:** The Project was advertised for construction on March 20, 2016. Bids were opened on April 12, 2016. The Project was awarded on June 6, 2016 and Construction is forecasted to start July 2016.

**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	\$400,525	\$1,099,475	\$1,500,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$1,500,000</b>	<b>\$400,525</b>	<b>\$1,099,475</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** (1) Continued contract and award process.  
**This Quarter:** (2) Awarded construction contract on June 6, 2016.  
**April - June 2016**

**Future Activities:** (1) Begin Construction.

**Issues:** The City of San Mateo opted to conduct additional public outreach in advance of the start of construction which delayed the start of construction from spring 2016 to summer 2016.

**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%	\$400,525	27%	\$1,500,000	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>\$1,500,000</b>	<b>100%</b>	<b>\$1,500,000</b>	<b>100%</b>	<b>\$400,525</b>	<b>27%</b>	<b>\$1,500,000</b>	<b>100%</b>

**Issues:** None.

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

**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)

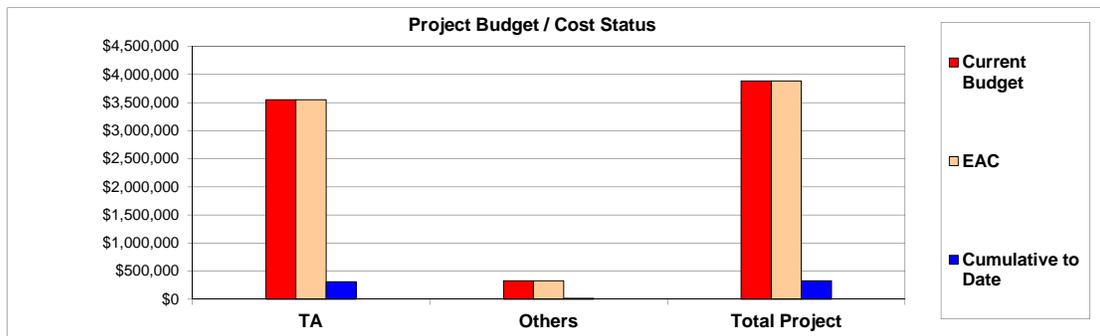
**Project Status Summary:** The PSR-PDS was approved on August 31, 2015. Board approved funding for the PA&ED phase on October 1, 2015. City of South San Francisco continued work to initiate environmental studies.

**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	\$312,361	\$3,237,639	\$3,550,000	\$0
Others	\$330,660	\$19,000	\$311,660	\$330,660	\$0
<b>Total Project</b>	<b>\$3,880,660</b>	<b>\$331,361</b>	<b>\$3,549,299</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** (1) Continued working on the funding agreement.  
**This Quarter:** (2) Continued working on the preparation of the RFP for the selection of a consultant for the PA&ED phase.  
 April - June 2016

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

**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%	\$312,361	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>\$331,361</b>	<b>9%</b>	<b>\$3,880,660</b>	<b>100%</b>

**Issues:** None.

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

**Scope:** This project will convert the existing full interchange to a partial cloverleaf interchange, realign and widen on-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)

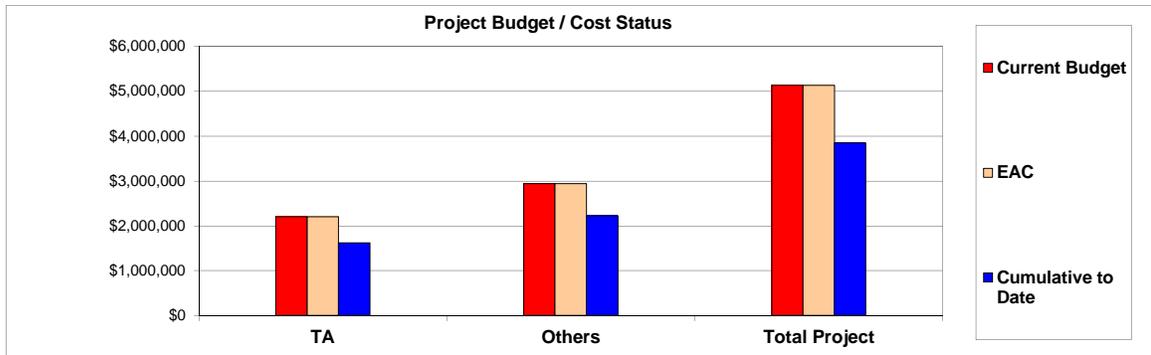
**Project Status Summary:** Caltrans finished the 100% PS&E. Caltrans HQ approved the package for RTL. Right of Way Certification was received on May 9, 2016. City council approved and sent the Cooperative Agreement for Construction to Caltrans for execution on June 20, 2016.

**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	\$1,622,939	\$577,061	\$2,200,000	\$0
Others	\$2,940,000	\$2,227,505	\$712,495	\$2,940,000	\$0
<b>Total Project</b>	<b>\$5,140,000</b>	<b>\$3,850,444</b>	<b>\$1,289,556</b>	<b>\$5,140,000</b>	<b>\$0</b>



**Issues:** None.

**Schedule:**



Major Milestones:	Original Baseline		Current Baseline (10/12)		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PS&E	07/01/14	07/01/15	07/01/14	01/01/16	07/01/14	05/16/16
Construction	TBD	TBD	TBD	TBD	TBD	TBD

**Progress** (1) Completed the Construction phase Cooperative Agreement on June 20, 2016.

**This Quarter:** (2) Worked on funding plan for construction.

April - June 2016

**Future Activities:** (1) Work with Caltrans to finalize and execute the Cooperative Agreement for Construction and funding plan.

(2) Continue PS&E Phase close out.

**Issues:** Multiple unanticipated reviews of the final design were the major contributors to the schedule delay. Due to the May 18, 2016 CTC action to delay/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%	\$1,622,939	74%	\$2,200,000	43%
<b>Others</b>								
Federal	\$1,980,000	39%	\$1,980,000	39%	\$2,000,000	101%	\$1,980,000	39%
State	\$50,000	1%	\$50,000	1%	\$0	0%	\$50,000	1%
City	\$910,000	18%	\$910,000	18%	\$227,505	25%	\$910,000	18%
<b>Total</b>	<b>\$5,140,000</b>	<b>100%</b>	<b>\$5,140,000</b>	<b>100%</b>	<b>\$3,850,444</b>	<b>75%</b>	<b>\$5,140,000</b>	<b>100%</b>

**Issues:** In October of 2015, at the request of the City of San Mateo, the TA Board programmed \$16.2M 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.

**000817 - STATE ROUTE 35 WIDENING PROJECT**

**Scope:** Prepare Preliminary Planning Study (PPS) to identify 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.

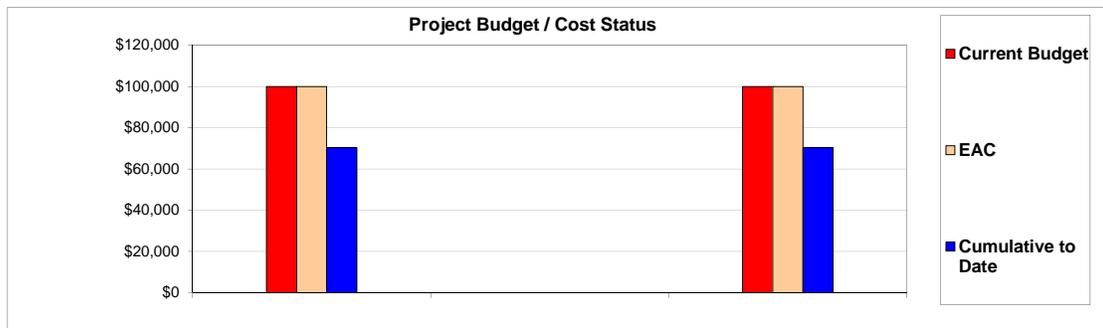
**Project Status Summary:** The Preliminary Planning Study (PPS) commenced on May 18, 2015 and the kick off meeting was held on May 27, 2015. The Purpose and Need Statement was approved on July 21, 2015. The final PPS report was submitted to sponsors on June 23, 2016.

**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	\$70,289	\$29,711	\$100,000	\$0
Others	\$0	\$0	\$0	\$0	\$0
<b>Total Project</b>	<b>\$100,000</b>	<b>\$70,289</b>	<b>\$29,711</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	06/23/16

**Progress** (1) Worked on finalizing final PPS report.  
**This Quarter:** (2) Submitted final PPS report on June 23, 2016.  
 April - June 2016

**Future Activities:** (1) Address comment on the final PPS report.  
 (2) PPS phase close out.

**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%	\$70,289	70%	\$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>\$70,289</b>	<b>70%</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 (AUSILIARY 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>            \$11,365,946</p> <p><b>Remaining</b>            \$25,419,225</p>
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**Caltrain - Grade**  
**Separation & Oversight**  
**Level 1**

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

<p><b>00812 - GRADE SEPARATION STUDY PROJECT - 25TH AVENUE (SAN MATEO)</b></p> <p><b>Scope:</b> This project provides funding to the JPB for the 25th Avenue (San Mateo) Grade Separation Project.</p> <p><b>Phase:</b> Planning</p> <p><b>Status:</b> \$8.7M was allocated to this project for Preliminary Engineering, Environmental Clearance and Final design under Resolution 2016 - 03.</p> <p><b>Note:</b> 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> \$1,468,081</p> <p><b>Remaining</b> \$7,231,919</p>
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<p><b>00813 - GRADE SEPARATION STUDY PROJECT - BROADWAY (BURLINGAME)</b></p> <p><b>Scope:</b> This project provides funding to the JPB for the Broadway (Burlingame) Grade Separation Project.</p> <p><b>Phase:</b> Planning</p> <p><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> \$686,913</p> <p><b>Remaining</b> \$313,087</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.

**Variance at Completion** – Difference between the Current Approved Budget and the EAC. Positive variance at completion reflects potential project underrun.

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## 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.

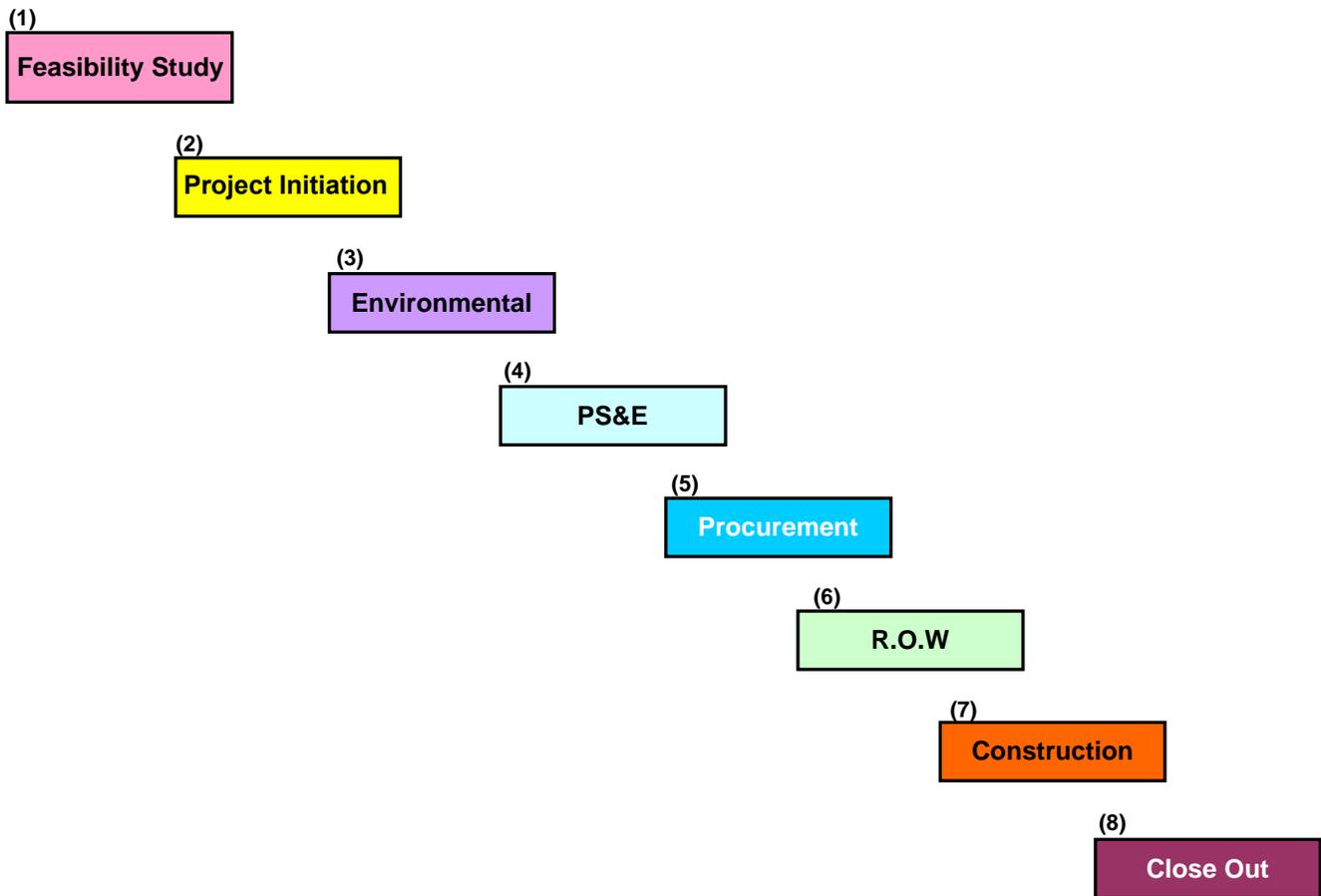
**PSR** – Project Study Report – A report providing conceptual project information including project scope, environmental assessment, feasibility, scope, costs and schedule.

**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.



## Traffic Light Report Criteria

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