

Capital Projects

Quarterly Status Report

3rd Quarter FY2014 : January 1 - March 31, 2014

Report prepared for the June 5, 2014 TA Board Meeting



**San Mateo County
Transportation Authority**



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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.

	SCOPE		BUDGET		SCHEDULE		FUNDING		Page
	Q2 FY14	Q3 FY14	Q2 FY14	Q3 FY14	Q2 FY14	Q3 FY14	Q2 FY14	Q3 FY14	
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= Project On-Hold



= No Issues



= Notable Issues



= Significant Issues

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TA – Caltrain Projects

00727 - DOWNTOWN EXTENSION PROJECT



Scope: This project is to support the Caltrain Downtown Rail Extension (DTX), which extends Caltrain from 4th and King to the Transbay Terminal in downtown San Francisco. Work being performed by TJPA (Transbay Joint Powers Authority) includes preliminary engineering and advanced Right of Way acquisition. PCJPB (Peninsula Corridor Joint Powers Board) is providing technical support and oversight on the project.

TA Role: Funding Agency

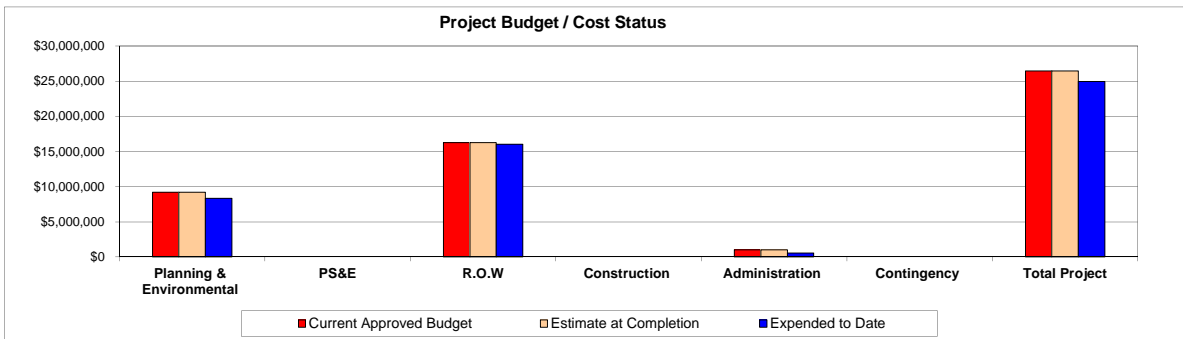
Project Status Summary: Current phase is Preliminary Engineering / Right of Way Acquisition.

Issues: (1) A new large mechanical shaft (opening) is being proposed to be constructed inside the Caltrain Secured Passenger Area (Fare Paid Zone) which obstructs passenger circulation up/down to Caltrain platform. This mechanical shaft, which is part of the building program is not in the agreed layout (between the TJPA and Caltrain and CAHSR) dated July 2011. The TJPA designer now stated that the shaft cannot be moved. Caltrain has made suggestions for designer's consideration.
 (2) The need for safe and expeditious access by operations and maintenance personnel to all platforms is required.

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	\$9,207,000	\$8,343,344	\$863,656	\$9,207,000	\$0
PS&E	\$0	\$0	\$0	\$0	\$0
R.O.W	\$16,262,000	\$16,067,589	\$194,411	\$16,262,000	\$0
Construction	\$0	\$0	\$0	\$0	\$0
Administration	\$1,023,000	\$572,903	\$450,097	\$1,023,000	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
Total Project	\$26,492,000	\$24,983,836	\$1,508,164	\$26,492,000	\$0



Issues: EAC reflects staff level of effort commensurate with the TJPA work.

Schedule:



Major Milestones:	Original Baseline		Current Baseline		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
Preliminary Engineering	12/30/05	12/31/11	12/30/05	06/30/12	12/30/05	06/30/14

Progress

This Quarter:
Jan - Mar 2014

- (1) JPB completed the review of TJPA's Phase 1 100% design Construction Documents (CD) for the construction of the Transbay Terminal Center (TTC).
- (2) JPB and California High Speed Rail Authority (CAHSR) comments were discussed in the TJPA/CAHSR/Caltrain Coordination meeting.
- (3) Caltrain made suggestions for designer's consideration, the latest of which is to move the shaft a few feet to the East, further away from the escalator. After much analysis in details, the TJPA advised that the move was not feasible without major structural redesign and negative functionality impacts to the HVAC system. The justifications were reasonable, and Caltrain accepted the less ideal of the 17 ft of clearance from the escalator to the shaft.

Future Activities:

Apr - Jun 2014

- (1) Provide a formal acceptance to the design. This also will close out the Caltrain comments to the 100% Construction Documents (CD).

Issues: The schedule delay of 24 months is due to the Level of Effort (LOE) needed on the DTX project.

Funding :



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
TA	\$10,230,000	100%	\$26,492,000	100%	\$24,983,836	94%	\$26,492,000	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%
Total	\$10,230,000	100%	\$26,492,000	100%	\$24,983,836	94%	\$26,492,000	100%

Issues: None.

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 will be preparing a state-only environmental clearance document: the Peninsula Corridor Electrification Project EIR.

TA Role: Funding Agency

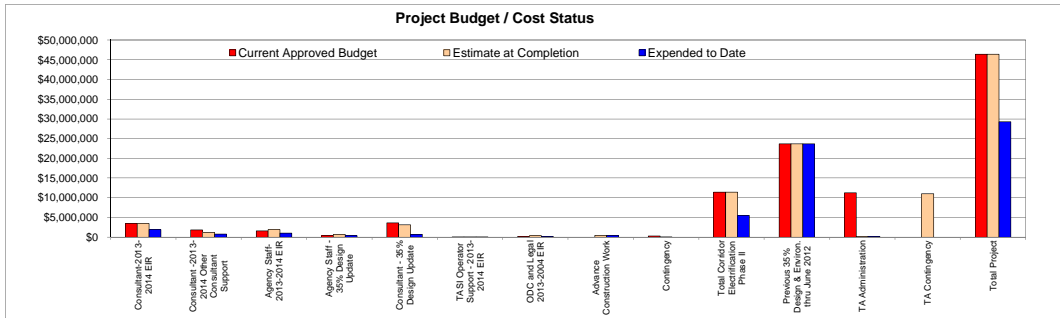
Project Status Summary: Current scope is through completion of EA/FEIR activities and 35% design engineering activities.

Issues: The budget reflects all efforts associated with processing a new environmental document and environmental planning, public outreach, operations, project controls and engineering supporting during the environmental clearance phase.

Budget:

Cost Analysis by Segment Group	(a)	(b)	(c) = (d) - (b)	(d)	(e) = (a) - (d)
	Current Approved Budget	Expended to Date	Estimate to Complete	Estimate at Completion	Variance at Completion
Consultant -2013-2014 EIR	\$3,448,075	\$1,904,404	\$1,543,671	\$3,448,075	\$0
Consultant -2013-2014 Other Consultant Support	\$1,812,091	\$804,540	\$370,833	\$1,175,373	\$636,718
Agency Staff-2013-2014 EIR	\$1,593,293	\$1,011,927	\$940,168	\$1,952,095	(\$358,802)
Agency Staff - 35% Design Update	\$398,487	\$352,326	\$388,290	\$740,616	(\$342,129)
Consultant - 35% Design Update	\$3,591,798	\$683,809	\$2,492,858	\$3,176,667	\$415,131
TASI Operator Support - 2013-2014 EIR	\$61,103	\$21,146	\$39,957	\$61,103	\$0
ODC and Legal 2013-2004 EIR	\$252,851	\$197,311	\$168,960	\$366,271	(\$113,420)
Advance Construction Work	\$0	\$497,378	\$0	\$497,378	(\$497,378)
Contingency	\$265,756	\$0	\$5,876	\$5,876	\$259,880
Total Corridor Electrification Phase II	\$11,423,454	\$5,472,841	\$5,950,613	\$11,423,454	\$0
Previous 35% Design & Environ. thru June 2012	\$23,708,128	\$23,708,128	\$0	\$23,708,128	\$0
TA Administration	\$11,250,000	\$128,861	\$121,139	\$250,000	\$11,000,000
TA Contingency	\$0	\$0	\$11,000,000	\$11,000,000	(\$11,000,000)
Total Project	\$46,381,582	\$29,309,830	\$17,071,752	\$46,381,582	\$0

Note: The estimate at completion reflects the approved FY14 budget and current staffing plan. The FY14 budget includes the update of 35% design which is to be performed by Owner's technical team and procurement planning for the future design build contract.



Issues: Budget has been re-baselined to reflect the current scope of EA/FEIR and 35% design engineering activities.

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	11/30/12	03/18/13	11/30/12	03/18/13
Draft EIR	02/18/13	11/18/13	02/18/13	11/18/13	02/18/13	01/21/14
Final EIR	01/01/14	08/11/14	01/01/14	08/11/14	02/26/14	10/06/14
Caltrain Board Consideration and Adoption	07/22/14	09/12/14	07/22/14	09/12/14	09/16/14	11/07/14
Notice of Determination (NOD)	09/12/14	09/12/14	09/12/14	09/12/14	11/07/14	11/07/14

Progress

This Quarter:
Jan - Mar 2014

- (1) Finalized environmental impact analysis for the Draft Environmental Impact Report (DEIR). The project team publically released the DEIR on 02/28/14.
- (2) Completed Electrification Owner's Representative proposal evaluations.
- (3) Held the first of four public meetings to solicit input on the DEIR. The first meeting was held on 03/18/14. The remaining three public meetings will be held in early April.
- (4) Presented additional stakeholders venues, as requested.
- (5) Continued to collect public input on the DEIR.
- (6) Completed negotiations with top ranked firm for Electrification Owner's Representative, and provided recommendation for award.
- (7) Commenced and continued industry rollout and Design Build procurement Request for Quotation/Request for Proposal (RFQ/RFP) preparation efforts.

Future

Activities:
Apr - Jun 2014

- (1) Hold the remaining three of four public meetings to solicit input on DEIR.
- (2) Continue to present additional stakeholders venues, as requested.
- (3) Continue to collect public input on the DEIR through 04/29/14, when the comment period closes.
- (4) Recommend award for Electrification Owner's Representative at the April Board meeting.

Issues: Schedule has been re-baselined 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
	TA	\$11,250,000	24%	\$11,250,000	24%	\$128,861	1%	\$11,250,000
Others								
Federal	\$15,676,817	34%	\$15,676,817	34%	\$13,020,548	83%	\$15,676,817	34%
State	\$4,000,000	9%	\$4,051,442	9%	\$3,364,566	83%	\$4,051,442	9%
Local	\$11,298,183	24%	\$11,319,204	24%	\$9,402,108	83%	\$11,319,204	24%
Other	\$4,084,119	9%	\$4,084,119	9%	\$3,393,747	83%	\$4,084,119	9%
Total	\$46,309,119	100%	\$46,381,582	100%	\$29,309,830	63%	\$46,381,582	100%

Issues: None.

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Railroad Grade **Separations**

00759 - GRADE SEPARATION PROJECT - SAN BRUNO AVENUE

Scope:



This project has been re-scoped and re-scheduled in conjunction with Caltrain five-year Capital Improvement Program. The project will raise the railroad in a retained embankment and lower 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 will eliminate at-grade vehicular crossings at San Bruno Avenue, San Mateo Avenue and Angus Avenue and replace them with grade separated vehicular access. Pedestrian under-crossings will be constructed at Euclid and Sylvan Avenues in San Bruno. The existing San Bruno station will be relocated onto an elevated structure at San Bruno and San Mateo Avenues. The former site of the San Bruno Lumber will become a surface parking lot for the new San Bruno station. A BART vent structure will be retrofitted to support Caltrain track loading.

Construction contract Option 1 has been exercised and includes: 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. Current EAC reflects the inclusion of Option 1.

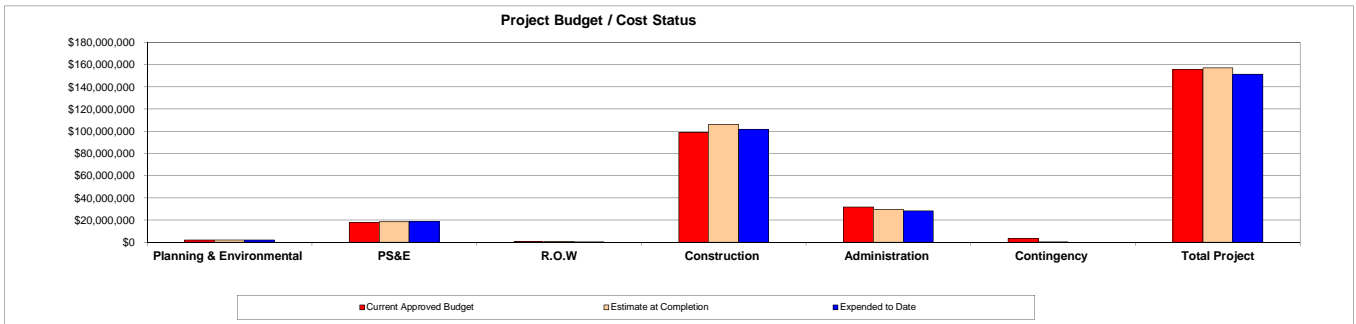
Project Status Summary: The project is currently in the Construction phase.

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	\$2,100,934	\$2,159,189	\$0	\$2,159,189	(\$58,255)
PS&E	\$17,916,786	\$18,429,076	\$0	\$18,429,076	(\$512,290)
R.O.W	\$628,147	\$511,322	\$45,478	\$556,800	\$71,347
Construction	\$99,066,715	\$101,877,606	\$4,356,896	\$106,234,502	(\$7,167,787)
Administration	\$31,892,931	\$28,474,472	\$1,149,366	\$29,623,838	\$2,269,093
Contingency	\$3,686,793	\$0	\$44,595	\$44,595	\$3,642,198
Total Project	\$155,292,306	\$151,451,665	\$5,596,335	\$157,048,000	(\$1,755,694)



- Issues:**
- 1) Project EAC includes \$330K for SMCTA administration and related expenses
 - 2) Project EAC increased by \$1,636K this quarter reflecting anticipated and approved change orders and extended construction management support during project closeout.

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	2/17/09A	8/12/10A
Construction	08/01/10	06/30/12	03/11/10	01/31/14	3/11/10A	05/30/14
Close Out	7/1/2012	9/31/12	02/03/14	04/30/14	06/02/14	08/29/14

Progress

This Quarter:
Jan - Mar 2014

- | | |
|--|---|
| (1) Completed construction of pedestrian underpass tie-in. | (7) Completed paving transit center. |
| (2) Completed installation of utilities at north bound platform. | (8) Completed final paving of streets. |
| (3) Completed construction of water feature. | (9) Completed cut-in of traffic signals. |
| (4) Completed construction of north bound platform. | (10) Continued construction at east & west side of elevator tower. |
| (5) Completed final grading at Transit Center. | (11) Continued construction of stairs and ramp for the new station. |
| (6) Completed final grading at station area. | (12) Began installation of platform amenities. |

Future

Activities:
Apr - Jun 2014

- | | |
|---|---|
| (1) Complete construction of stairs and ramp for the new station. | (5) Complete installation of new traffic signals. |
| (2) Complete installation of platform amenities. | (6) Complete construction at west side of elevator tower. |
| (3) Complete sidewalk & concrete paving. | (7) Complete construction at east side of elevator tower. |
| (4) Open new San Bruno platform. | (8) Complete final planting & landscaping. |

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%	\$88,899,241	94%	\$94,450,328	60%
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	36%
Other	\$0	0%	\$0	0%	\$0	0%	\$0	0%
Total	\$115,210,000	100%	\$182,607,672	100%	\$151,451,665	96%	\$157,048,000	100%

Issues: None.

Streets and Highways

00615 - Calera Parkway Project (Route 1 - Fassler Ave. to Westport)

Scope: The current project scope is for the preparation of the Project Report (PR), Environmental Document (ED). This project addresses the current and projected congestion on Route One in Pacifica between Fassler Avenue and Reina Del Mar during the morning and evening commute.
TA Role: Project Manager

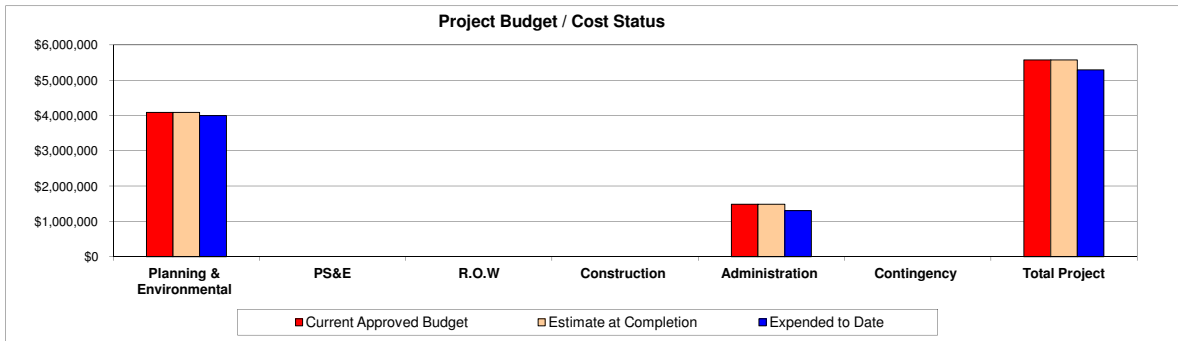
Project Status Summary: The project is in the environmental phase. TA and the City of Pacifica are the project sponsors for the environmental phase. Caltrans as owner operator on the facility is the lead agency and responsible for the approval of the environmental document.

Issues: A lawsuit was filed against the project's Environmental Document on September 6, 2013 by the "Pacifans for a Scenic Coast" group. Caltrans, the City of Pacifica and the TA were named in the lawsuit.

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	\$4,084,895	\$3,995,331	\$89,564	\$4,084,895	\$0
PS&E	\$0	\$0	\$0	\$0	\$0
R.O.W	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0
Administration	\$1,488,105	\$1,299,217	\$188,888	\$1,488,105	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
Total Project	\$5,573,000	\$5,294,549	\$278,451	\$5,573,000	\$0



Issues: None.

Schedule:



Major Milestones:	Original Baseline		Current Baseline		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
Environmental Document Circulation Period	08/11/09	09/28/09	07/14/11	10/11/11	08/08/11	10/22/11
Environmental	03/01/07	03/01/10	03/01/07	08/01/13	03/01/07	08/01/13

Progress

This Quarter: (1) Continued close out of the environmental phase.
Jan - Mar 2014 (2) Continued to provide on going project support as needed.

Future

Activities: (1) Continue close out of the Environmental Phase.
Apr - Jun 2014 (2) Continue to provide support for the lawsuit from the "Pacifans for a Scenic Coast" group on an as needed basis.

Issues: None.

Funding :



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
TA	\$3,873,000	100%	\$5,573,000	100%	\$5,294,549	95%	\$5,573,000	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%
Total	\$3,873,000	100%	\$5,573,000	100%	\$5,294,549	95%	\$5,573,000	100%

Issues: None.

00621 - HIGHWAY 101 - BROADWAY INTERCHANGE

Scope: The project will modify the existing interchange to relieve traffic congestion and improve safety. Current scope is detailed design for the Broadway Interchange. Project scope includes right of way and utility activities.



TA Role: Project Manager

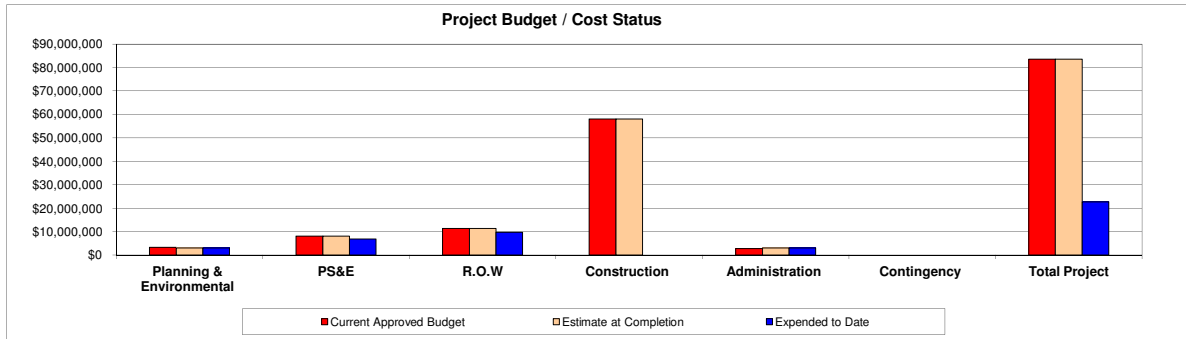
Project Status Summary: The Project is at the Plans, Specifications and Estimates (PS&E) phase, performing right of way and utility tasks. TA and the City of Burlingame are sponsors and Caltrans is the lead agency.

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	\$3,350,671	\$3,071,973	\$0	\$3,071,973	\$278,698
PS&E	\$8,118,000	\$6,846,793	\$1,246,207	\$8,093,000	\$25,000
R.O.W	\$11,300,000	\$9,707,582	\$1,592,418	\$11,300,000	\$0
Construction	\$58,000,000	\$0	\$58,000,000	\$58,000,000	\$0
Administration	\$2,749,329	\$3,051,802	\$1,225	\$3,053,027	(\$303,698)
Contingency	\$0	\$0	\$0	\$0	\$0
Total Project	\$83,518,000	\$22,678,150	\$60,839,850	\$83,518,000	\$0



Issues: None.

Schedule:



Major Milestones:	Original Baseline		Current Baseline		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
PSR	05/01/00	11/30/05	05/01/00	11/30/05	05/01/00	11/30/05
Environmental Document Circulation Period	03/03/10	04/07/10	08/24/10	09/25/10	08/30/10	09/29/10
Environmental	10/02/08	11/30/10	10/02/08	04/23/11	10/02/08	03/24/11
PS&E	06/01/11	12/31/13	06/01/11	06/30/14	06/01/11	06/30/14
Construction	07/01/14	07/31/17	07/01/14	12/31/17	07/01/14	12/31/17

Progress

- This Quarter:** (1) Continued to hold utility coordination meetings as needed.
 (2) Continued to respond to comments from Caltrans Headquarters.
 (3) Continued working on obtaining permits.
 (4) Continued to provide project support on an as needed basis.
 (5) Advertised the project for construction.
- Jan - Mar 2014**

Future

- Activities:** (1) Continue to respond to comments from Caltrans Headquarters.
 (2) Continue to hold utility coordination meetings as needed.
 (3) Continue to provide project support as needed.
 (4) Bid opening - construction contract.
 (5) Approve and award construction contract.
- Apr - Jun 2014**

Issues: Project Change Requests have been approved to extend the work directive to June 30, 2014.

Funding :



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$19,300,000	100%	\$51,687,000	62%	\$18,460,150	36%	\$51,687,000	62%
Others								
Federal	\$0	0%	\$3,613,000	4%	\$0	0%	\$3,613,000	4%
State	\$0	0%	\$23,218,000	28%	\$4,218,000	18%	\$23,218,000	28%
City	\$0	0%	\$5,000,000	6%	\$4,218,000	84%	\$5,000,000	6%
Total	\$19,300,000	100%	\$83,518,000	100%	\$26,896,150	32%	\$83,518,000	100%

Issues: None.

00629 - U.S. 101 - MARSH TO SAN MATEO / SANTA CLARA COUNTY LINE (AUXILIARY LANES)



Scope: The project scope includes:

- 1) 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.
- 2) Widen/ modify various on/off-ramps at four interchanges that lie within the project limits.
- 3) Re-construct Ringwood Pedestrian Overcrossing to accommodate the auxiliary lanes.
- 4) Install Intelligent Transportation System (ITS) equipment within the project limits.

Scope will be 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

TA Role: Funding Agency

Project Status Summary: The PS&E and Construction phases were performed by Caltrans. Caltrans completed the environmental work in 2008 and will be in charge of the bidding process and construction management.

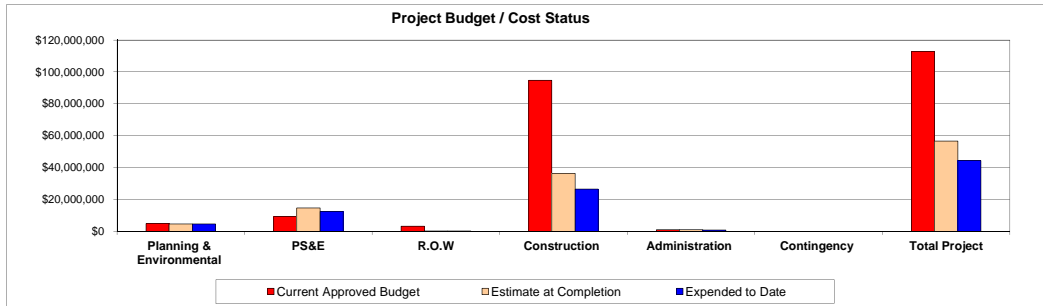
Issues: None.

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	\$4,824,668	\$4,624,669	\$0	\$4,624,669	\$199,999
PS&E	\$9,185,000	\$12,342,640	\$2,267,562	\$14,610,202	(\$5,425,202)
R.O.W	\$3,244,000	\$75,129	\$100,000	\$175,129	\$3,068,871
Construction	\$94,660,000	\$26,474,790	\$9,825,210	\$36,300,000	\$58,360,000
Administration	\$1,019,332	\$786,505	\$123,495	\$910,000	\$109,332
Contingency	\$0	\$0	\$0	\$0	\$0
Total Project	\$112,933,000	\$44,303,733	\$12,316,267	\$56,620,000	\$56,313,000

Note: The Current Approved Budget reflects the approval of Resolution No. 2010-9.



Issues: None.

Schedule:



Major Milestones:	Original Baseline		Current Baseline		Current Forecast	
	Start	Finish	Start	Finish	Start	Finish
Environmental	03/31/07	10/31/08	03/31/07	10/31/08	03/31/07	10/31/08
Segment 1 (Marsh Road to University Avenue)						
PS&E	11/03/08	08/20/10	11/03/08	08/20/10	11/03/08	08/20/10
Construction	01/03/11	03/23/12	01/03/11	03/23/12	07/01/11	06/30/12
Segment 2 (University Avenue to Embarcadero Road)						
PS&E	11/03/08	09/20/11	11/03/08	09/20/11	11/03/08	09/20/11
Construction	02/06/12	11/22/13	02/06/12	11/22/13	07/01/12	11/30/12
Segment 3 (Embarcadero Road Interchange to Marsh Road Interchange - Landscape Contract)						
PS&E	11/03/08	06/18/13	11/03/08	06/18/13	11/03/08	07/31/13
Construction	09/05/13	11/08/17	09/05/13	11/08/17	10/15/13	12/31/17

Progress

This Quarter: (1) Continued irrigation construction and planting.
Jan- Mar 2014

Future

Activities: (1) Continue irrigation construction and planting.
Apr- Jun 2014

Issues: None.

Funding:



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
TA	\$36,912,000	33%	\$36,912,000	33%	\$10,183,733	68%	\$15,000,000	26%
Others								
Federal	\$1,800,000	2%	\$1,800,000	2%	\$1,620,000	100%	\$1,620,000	3%
State	\$74,221,000	66%	\$74,221,000	66%	\$32,500,000	81%	\$40,000,000	71%
Other	\$0	0%	\$0	0%	\$0	0%	\$0	0%
Total	\$112,933,000	100%	\$112,933,000	100%	\$44,303,733	78%	\$56,620,000	100%

Issues: None.

00782 - SAN PEDRO CREEK BRIDGE REPLACEMENT PROJECT

Scope: The project scope includes the replacement of the Route One San Pedro Creek Bridge in Pacifica. The existing bridge does not meet current seismic/structural standards and is susceptible to flooding. Planning and environmental work is complete and was funded with federal funding. Measure A funds will fund the plans, specification and estimate (PS&E) phase as well as a portion of the capital and project management support.



TA Role: Funding Agency and Project Support (Design)

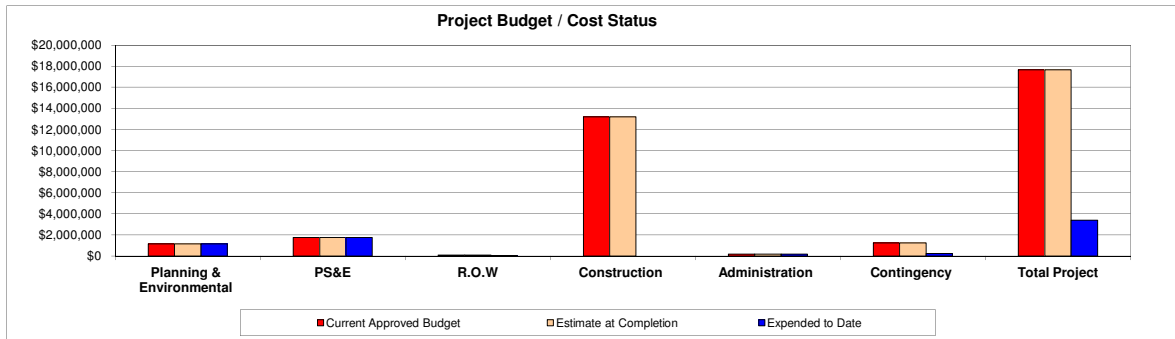
Project Status Summary: Current phase is PS&E with the City of Pacifica as sponsor.

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	\$1,147,000	\$1,147,000	\$0	\$1,147,000	\$0
PS&E	\$1,750,000	\$1,750,000	\$0	\$1,750,000	\$0
R.O.W	\$100,000	\$50,000	\$50,000	\$100,000	\$0
Construction	\$13,200,000	\$0	\$13,200,000	\$13,200,000	\$0
Administration	\$200,000	\$199,600	\$400	\$200,000	\$0
Contingency	\$1,253,000	\$253,000	\$1,000,000	\$1,253,000	\$0
Total Project	\$17,650,000	\$3,399,600	\$14,250,400	\$17,650,000	\$0



Issues: (1) On August 1, 2013 the TA Board authorized the allocation of an additional 3.4 million of Measure A funding.
 (2) \$1 million Federal OBAG funding was secured for the project.

Schedule:



Major Milestones:	Original Baseline		Current Baseline		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	09/02/16	04/07/14	09/02/16	04/07/14	09/02/16

Progress

This Quarter: (1) Continued close out of the PS&E phase.
 (2) Bid opening for the construction contract.
 (3) Continued to provide on going support for the transition into the construction phase.
 (4) Awarded and approved construction contract.

Future

Activities: (1) Continue close out of the design phase.
 (2) Provide on-going project support for the transition into the construction phase on an as needed basis.
 (3) Commence construction phase.

Issues: None.

Funding :



	Original Contribution	Original % Contribution	Current Contribution	Current % Contribution	Expended	% Expended of EAC	EAC	Estimated % Contribution
SMCTA	\$3,200,000	34%	\$10,054,000	57%	\$1,794,600	18%	\$10,054,000	57%
Others								
Federal	\$3,305,000	35%	\$3,305,000	19%	\$0	0%	\$3,305,000	19%
State	\$3,000,000	32%	\$3,000,000	17%	\$0	0%	\$3,000,000	17%
Other	\$0	0%	\$1,291,000	7%	\$1,605,000	124%	\$1,291,000	7%
Total	\$9,505,000	100%	\$17,650,000	100%	\$3,399,600	19%	\$17,650,000	100%

Issues: None.

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Streets and Highways

Level 1

<p>00622 - Willow Interchange</p> <p>Scope: This project is for the preparation of the Project Report (PR) and the Environmental Document (ED) for the reconstruction of the Willow Interchange in Menlo Park and East Palo Alto. The project scope is anticipated to include detailed design and construction at a later date as the Board authorizes future budget.</p> <p>Phase: PS&E</p> <p>Status: The project achieved Environmental Clearance and project approval on November 25, 2013. Preparation for the next phase, PS&E (Design) has commenced and was funded with STIP funds only.</p>	<p>TA Funding \$5,000,000</p> <p>Expended \$1,497,082</p> <p>Remaining \$3,502,918</p>
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Monitoring and Plant Establishment

Streets and Highways - Monitoring and Plant Establishment

<p>00725 - U.S. 101 - 3rd Avenue to Millbrae Project</p> <p>Scope: This Project is for the design and construction for the addition of an auxiliary lane in both directions of Hwy 101 between 3rd Ave. and Millbrae Ave. The project also includes the reconstruction of the Peninsula Avenue over crossing. The Monte Diablo pedestrian over crossing, construction of the Broadway pedestrian over crossing and construction of sound walls.</p> <p>Phase: Monitoring / Plant Establishment Status: Construction is complete. This will be the last Quarterly Report for the project.</p>	<table border="1"> <thead> <tr> <th>TA Funding</th> <th>Expended</th> <th>Remaining</th> </tr> </thead> <tbody> <tr> <td>\$92,580,000</td> <td>\$87,351,053</td> <td>\$5,228,947</td> </tr> </tbody> </table>	TA Funding	Expended	Remaining	\$92,580,000	\$87,351,053	\$5,228,947
TA Funding	Expended	Remaining					
\$92,580,000	\$87,351,053	\$5,228,947					

Projects In Development

TA - Caltrain Projects:

<p>00707 - South San Francisco Station Platform</p> <p>Scope: The study includes reviewing and advancing design options for hold-out rule elimination at the South San Francisco (SSF) Station.</p> <p>Phase: Study Status: Continued to review and advance design options. Work is being performed by Caltrain under Project 02063 - Holdout Rule Elimination at Broadway, Atherton and SSF stations.</p>	<p>SMCTA Funding \$9,643,565</p> <p>Expended \$2,584,921</p> <p>Remaining \$7,058,644</p>
<p>00708 - Broadway Station Platform</p> <p>Scope: This project is for the design and construction of an interim northbound outboard platform and installation of a center fence to eliminate the hold-out rule. The existing Broadway station is located at the Broadway Avenue intersection which causes excessive gate downtime. This reconstruction work will result in the northbound train stopping north of the Broadway intersection which in turn will allow for a better flow of vehicular traffic and less gate downtime.</p> <p>Phase: Study Status: Continued to review and advance design options. Work is being performed by Caltrain under Project 02063 - Holdout Rule Elimination at Broadway, Atherton and SSF stations.</p>	<p>SMCTA Funding \$2,870,000</p> <p>Expended \$859,442</p> <p>Remaining \$2,010,558</p>
<p>00765 - Interim Outside Boarding Platform - Atherton</p> <p>Scope: This project provides funding to the JPB to construct an interim outside boarding platform and a center fence to eliminate the hold-out rule.</p> <p>Phase: Study Status: Continued to review and advance design options. Work is being performed by Caltrain under Project 02063 - Holdout Rule Elimination at Broadway, Atherton and SSF stations.</p>	<p>SMCTA Funding \$2,790,000</p> <p>Expended \$142,649</p> <p>Remaining \$2,647,351</p>

<p>00735 - Parking Expansion @ Hillsdale, Redwood City & Menlo Park</p> <p>Scope: This project is for the JPB to study parking needs/ expansion at Hillsdale, Redwood City & Menlo Park.</p> <p>Phase: Study Status: On Hold Reason: Original study identified access improvement needs beyond auto parking. A follow-up study is being discussed and scoped out.</p>	<p>SMCTA Funding \$1,000,000</p> <p>Expended \$82,468</p> <p>Remaining \$917,532</p>
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Railroad Grade Separations

<p>00698 - Right of Way Preservation</p> <p>Scope: This project is for the purchase of segments of the right of way in the proximity of the JPB right of way for grade separation projects. Locations include: Whipple Avenue - Redwood City; 25th Avenue - San Mateo; Holly Street - San Carlos; a strip of land between 25th Avenue and Hillsdale stations; and San Bruno Avenue - San Bruno.</p> <p>Phase: Property Management Status: Property Management is on-going.</p>	<p>SMCTA Funding \$16,074,000</p> <p>Expended \$15,484,068</p> <p>Remaining \$589,932</p>
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<p>00758 - Grade Separation Study - Linden Avenue</p> <p>Scope: This project provides funding to the JPB for the South Linden Grade Separation Project.</p> <p>Phase: Planning Status: In November 2013, \$650K was allocated to this project for Planning under Resolution 2013 - 24.</p>	<p>SMCTA Funding \$11,179,802</p> <p>Expended \$5,037,049</p> <p>Remaining \$6,142,753</p>
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Railroad Grade Separations (cont.)

<p>00676 - Grade Separation Study - 25th Avenue (San Mateo)</p> <p>Scope: This project provides funding to the JPB for the 25th Avenue (San Mateo) Grade Separation Project.</p> <p>Phase: Planning Status: \$3.7M was allocated to this project for Preliminary Engineering and Environmental Clearance under Resolution 2013 - 24.</p>	<p>SMCTA Funding \$6,741,180</p> <p>Expended \$1,445,015</p> <p>Remaining \$5,296,165</p>
<p>TBD - Grade Separation Study - Broadway (Burlingame)</p> <p>Scope: This project provides funding to the JPB for the Broadway (Burlingame) Grade Separation Project.</p> <p>Phase: Planning Status: \$1M was allocated to this project for Planning under Resolution 2013 - 24.</p>	<p>SMCTA Funding \$1,000,000</p> <p>Expended \$0</p> <p>Remaining \$1,000,000</p>
<p>00764 - San Mateo County Grade Separation Study</p> <p>Scope: This project provides funding to the JPB to carry out the grade separation conceptual alignment footprint study for San Mateo County.</p> <p>Phase: Study Status: On Hold Reason: Need to issue final report and consolidate data with grade separation study for Grade Separation Evaluation/Prioritization (SMCTA Project #00738).</p>	<p>SMCTA Funding \$1,000,000</p> <p>Expended \$926,083</p> <p>Remaining \$73,917</p>
<p>00773 - Grade Separation Project Study Reports @ 3 TBD Locations</p> <p>Scope: This project provides funding to complete grade separation studies at three locations to be identified with the conclusions of the footprint study.</p> <p>Phase: Study Status: On Hold Reason: Awaiting completion of footprint study.</p>	<p>SMCTA Funding \$2,000,000</p> <p>Expended \$0</p> <p>Remaining \$2,000,000</p>

Streets and Highways

00625 - U.S. 101 - Candlestick

Scope:

This project is for the initial efforts of the interchange reconstruction at Candlestick Interchange on U.S. 101. The project scope is anticipated to include environmental studies, PS&E and construction at a later date as the Board authorizes future budget.

Phase: PSR

Status: PSR was developed by the City of Brisbane and approved by Caltrans on 1/13/14. Measure A funds of \$400k were allocated for supplemental studies.

SMCTA Funding

\$1,011,000

Expended

\$37,992

Remaining

\$973,008

Oversight

00771 - C/CAG Study / ITS Program

Scope:

This project is for the development of an ITS (Intelligent Transportation System) strategic plan for the implementation of state-of-the-art intelligent transportation systems throughout San Mateo County. This study will include:

- Define Incident Management Goals and Objectives for San Mateo County.
- Establish a schedule for the development/implementation of the Traffic Incident Management Plan.
- Develop Inter-Agency Cooperation and Inter-Agency Agreements/MOUs.

Phase: Design

Status: C/CAG is leading the effort and coordinating with Caltrans, SMCTA, and Cities to implement the project. Progress: (1) PSR completed. (2) Alternative routes for Traffic Incident Guide completed. (3) Design of pilot project almost complete. (4) A number of construction contracts are underway.

SMCTA Funding

\$4,170,000

Expended

\$3,925,869

Remaining

\$244,131

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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

- **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.

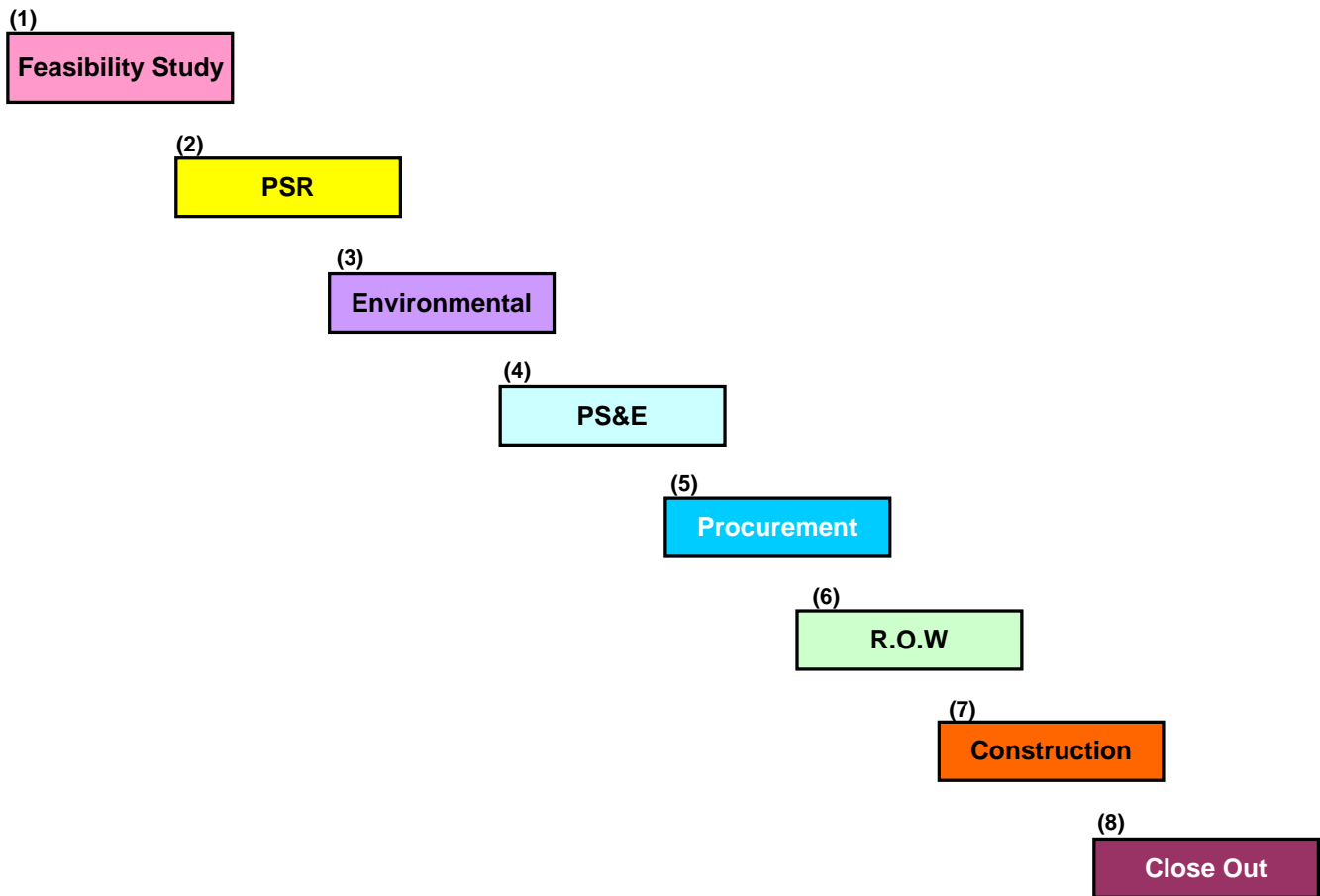
PSR – Project Study Report – A report providing conceptual project information including project scope, environmental assessment, feasibility, scope, costs and schedule.

ROW – Right-of-Way – Land, property, or interest acquired for or devoted to transportation purpose.

RTIP – Regional Transportation Improvement Program

UPRR – Union Pacific Railroad

Project Phases



Note: Phase sequence is as shown; however some phases may overlap.



Performance Status (Traffic Light) Criteria

SECTIONS	On Target (GREEN)	Moderate Risk (YELLOW)	High Risk (RED)
1. SCOPE	<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>
2. BUDGET	<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>
3. SCHEDULE	<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>
4. FUNDING	<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>