

Capital Projects

Quarterly Status Report

4th Quarter FY2014 : April 1 - June 30, 2014

Report prepared for the September 4, 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.

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	Q3 FY14	Q4 FY14	Q3 FY14	Q4 FY14	Q3 FY14	Q4 FY14	Q3 FY14	Q4 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 only providing technical support and oversight on this project.

TA Role: Funding Agency

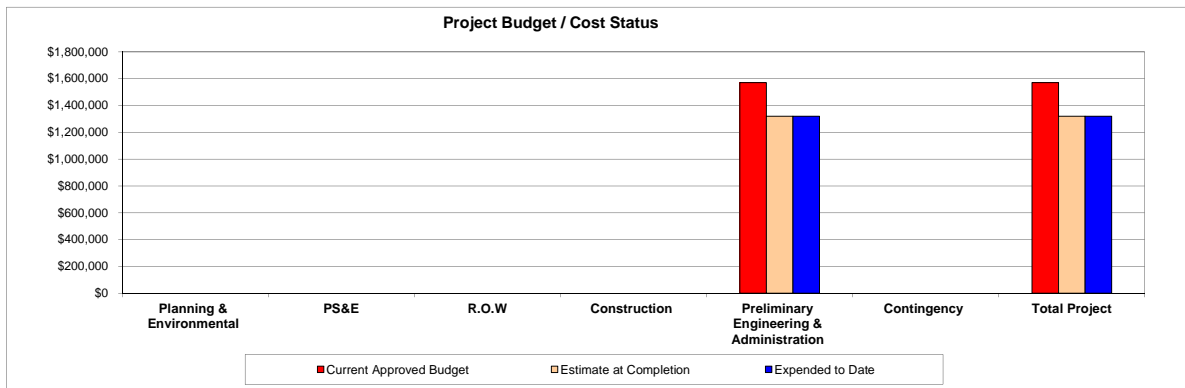
Project Status Summary: Current phase is for Preliminary Engineering.

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	\$0	\$0	\$0	\$0	\$0
PS&E	\$0	\$0	\$0	\$0	\$0
R.O.W	\$0	\$0	\$0	\$0	\$0
Construction	\$0	\$0	\$0	\$0	\$0
Preliminary Engineering & Administration	\$1,570,000	\$1,320,197	\$0	\$1,320,197	\$249,803
Contingency	\$0	\$0	\$0	\$0	\$0
Total Project	\$1,570,000	\$1,320,197	\$0	\$1,320,197	\$249,803



Issues: None.

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: Apr - Jun 2014 (1) Provided a formal acceptance to the design. This would close out the Caltrain comments to the Preliminary Engineering documents.

Future

Activities: Jul- Sep 2014 (1) Agency's project support is coming to an end. **This will be the final report for the project.**

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	\$1,570,000	100%	\$1,570,000	100%	\$1,320,197	84%	\$1,570,000	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	\$1,570,000	100%	\$1,570,000	100%	\$1,320,197	84%	\$1,570,000	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 revaluation 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 State only environmental clearance activities and 35% design engineering activities.

Issues:

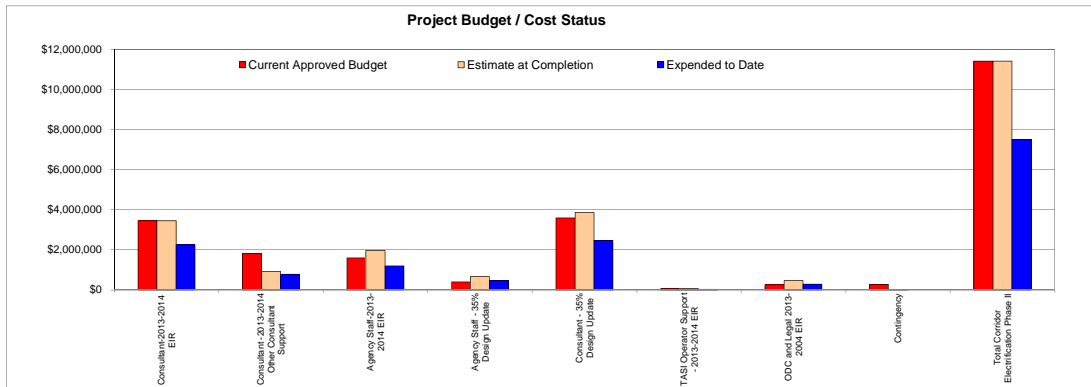
The budget reflects all efforts associated with processing a State only environmental document and environmental planning, public outreach, operations, project controls and engineering supporting during the environmental clearance phase.

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	\$2,253,433	\$1,194,642	\$3,448,075	\$0
Consultant -2013-2014 Other Consultant Support	\$1,812,091	\$790,505	\$136,956	\$927,461	\$884,630
Agency Staff-2013-2014 EIR	\$1,593,293	\$1,195,163	\$775,900	\$1,971,063	(\$377,770)
Agency Staff - 35% Design Update	\$398,487	\$468,168	\$201,993	\$670,161	(\$271,674)
Consultant - 35% Design Update	\$3,591,798	\$2,482,539	\$1,388,537	\$3,871,076	(\$279,278)
TASI Operator Support - 2013-2014 EIR	\$61,103	\$25,351	\$34,615	\$59,966	\$1,137
ODC and Legal 2013-2004 EIR	\$252,851	\$292,961	\$176,815	\$469,776	(\$216,925)
Contingency	\$265,756	\$0	\$5,876	\$5,876	\$259,880
Total Corridor Electrification Phase II	\$11,423,454	\$7,508,120	\$3,915,334	\$11,423,454	\$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:

Apr - Jun 2014

- (1) Continued to respond to comments collected through the DEIR comment period (February 28- April 29, 2014), and began preparation of the FEIR.
- (2) JPB board approved Electrification Owner's Representative consultant service.
- (3) Industry Day was held on April 10th to kick off the procurement effort.
- (4) Issued Electrification RFQ on May 15th.
- (5) Continued Design Build RFQ/RFP effort.

Future

Activities:

Jul - Sep 2014

- (1) Continue to respond to comments collected through the DEIR comment period and prepare the FEIR.
- (2) Continue utility survey and ROW mapping effort.
- (3) Design Build Procurement RFQ is due on July 31, 2104.
- (4) Continue Design Build RFP effort.

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
Federal	\$6,956,313	61%	\$6,956,313	63%	\$4,572,070	66%	\$6,956,313	61%
State	\$0	0%	\$0	0%	\$0	0%	\$0	0%
Local	\$2,906,355	25%	\$2,906,355	26%	\$1,910,216	66%	\$2,906,355	25%
Other	\$1,560,786	14%	\$1,261,667	11%	\$1,025,834	66%	\$1,560,786	14%
Total	\$11,423,454	100%	\$11,124,335	100%	\$7,508,120	66%	\$11,423,454	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.

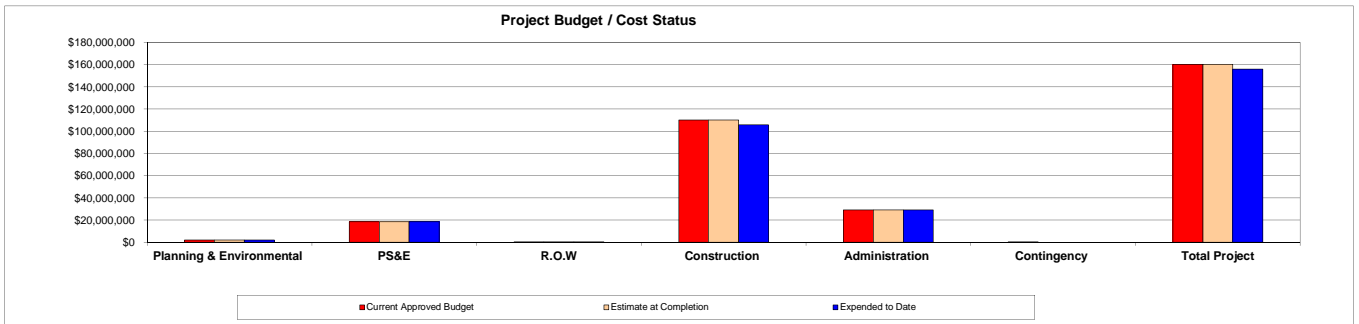
Project Status Summary: The project is currently in the Construction phase.

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	\$2,159,189	\$2,159,189	\$0	\$2,159,189	\$0
PS&E	\$18,429,076	\$18,429,076	\$0	\$18,429,076	\$0
R.O.W	\$515,000	\$511,322	\$3,678	\$515,000	\$0
Construction	\$110,045,502	\$105,709,188	\$4,336,314	\$110,045,502	\$0
Administration	\$29,179,356	\$29,083,841	\$95,515	\$29,179,356	\$0
Contingency	\$84,182	\$0	\$0	\$0	\$84,182
Total Project	\$160,412,305	\$155,892,616	\$4,435,507	\$160,328,123	\$84,182



- Issues:**
- 1) Project EAC includes \$330K for SMCTA administration and related expenses.
 - 2) The Current Approved Budget was increased by \$5.0 million this quarter reflecting the approved PCJPB Resolution dated June 5, 2014.

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	07/15/14
Close Out	7/1/2012	9/31/12	02/03/14	04/30/14	07/16/14	10/14/14

Progress

This Quarter:
Apr - Jun 2014

- | | |
|--|---|
| (1) Opened new San Bruno platform. | (7) Continued construction at east & west side of elevator tower. |
| (2) Completed construction of stairs and ramp for the new station. | (8) Continued work on final portion of transit center. |
| (3) Completed installation of platform amenities. | (9) Began final planting & landscaping. |
| (4) Completed sidewalk & concrete paving at station. | (10) Began sidewalk & concrete paving at First Street. |
| (5) Completed installation of new traffic signals. | |
| (6) Issued substantial completion for project. | |

Future

Activities:
Jul - Sep 2014

- | | |
|--|--|
| (1) Complete sidewalk & concrete paving at First Street. | (6) Complete false ceiling at San Bruno & San Mateo underpasses. |
| (2) Complete construction at east & west side of elevator tower. | (7) Complete punch list work. |
| (3) Complete work on final portion of transit center. | (8) Begin project close out. |
| (4) Complete pre-cast panel installation at station. | |
| (5) 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%	\$93,340,192	96%	\$97,730,451	61%
Others								
Federal	\$6,600,000	6%	\$6,615,435	4%	\$6,609,239	99.9%	\$6,615,435	4%
State	\$40,000,000	35%	\$55,982,237	31%	\$55,943,185	99.9%	\$55,982,237	35%
Other	\$0	0%	\$0	0%	\$0	0%	\$0	0%
Total	\$115,210,000	100%	\$182,607,672	100%	\$155,892,616	97%	\$160,328,123	100%

Issues: None.

Streets and Highways

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

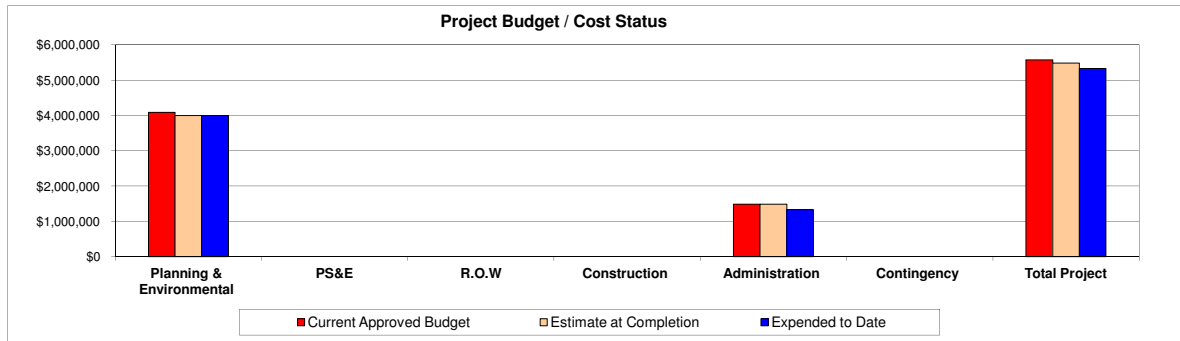
Scope: The current project scope is for the preparation of the Project Report (PR), Environmental Document (ED). This project addresses the current and projected congestion on Route One in Pacifica between Fassler Avenue and Reina Del Mar during the morning and evening commute.
TA Role: Project Manager

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. Caltrans certified the ED on August 1, 2013.

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	\$3,996,875	\$2,457	\$3,999,331	\$85,564
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	\$1,331,530	\$156,576	\$1,488,105	\$0
Contingency	\$0	\$0	\$0	\$0	\$0
Total Project	\$5,573,000	\$5,328,404	\$159,032	\$5,487,436	\$85,564



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 PS&E	03/01/07	03/01/10	03/01/07	08/01/13	03/01/07	08/01/13
	TBD	TBD	TBD	TBD	TBD	TBD

Progress

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

Future

Activities: (1) Continue close out of the Environmental Phase.
Jul - Sep 2014 (2) Continue to respond to inquiries associated with 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%	\$5,328,404	96%	\$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%	\$5,328,404	96%	\$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

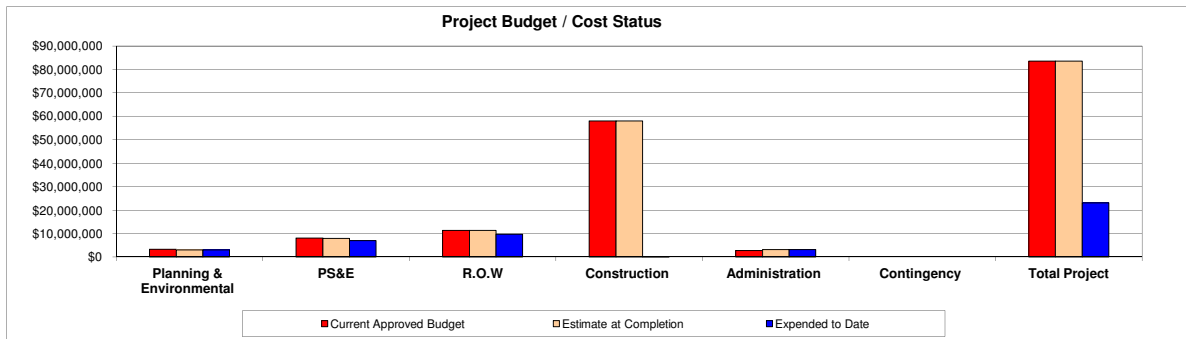
Project Status Summary: The Project is at the Plans, Specifications and Estimates (PS&E) phase, performing right of way and utility tasks. TA and the City of Burlingame are sponsors and Caltrans is the lead agency.

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	\$6,986,882	\$976,118	\$7,963,000	\$155,000
R.O.W	\$11,300,000	\$9,736,189	\$1,563,811	\$11,300,000	\$0
Construction	\$58,000,000	\$148,387	\$57,851,613	\$58,000,000	\$0
Administration	\$2,749,329	\$3,168,207	\$14,820	\$3,183,027	(\$433,698)
Contingency	\$0	\$0	\$0	\$0	\$0
Total Project	\$83,518,000	\$23,111,638	\$60,406,362	\$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	07/31/17	07/01/14	07/31/17

Progress

This Quarter: (1) Awarded the construction contract.
Apr - Jun 2014 (2) Commenced work on utilities.
 (3) Continued testing of contaminated soils at the gas station.
 (4) Commenced design services during construction.

Future

Activities: (1) Approval of the construction contract by Caltrans.
Jul - Sep 2014 (2) Mobilize for construction by the general contractor.
 (3) Continue design support during construction.
 (4) Continue abatement of the contaminated soil at the gas station.
 (5) Hold groundbreaking ceremony.

Issues:

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%	\$18,893,638	37%	\$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%	\$27,329,638	33%	\$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

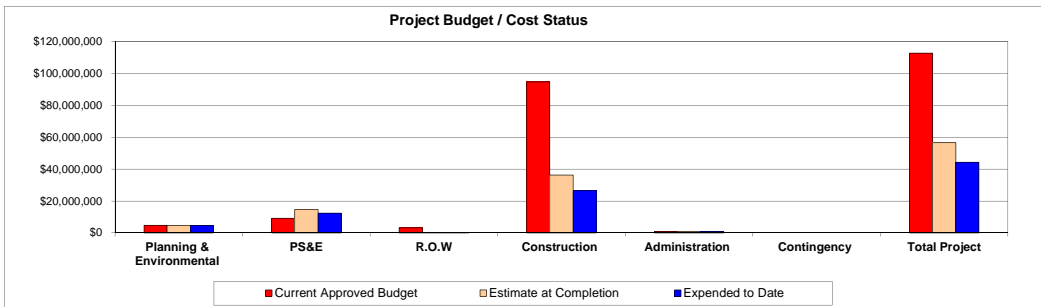
Project Status Summary: The PS&E and Construction phases were performed by Caltrans. Caltrans completed the environmental work in 2008 and will be in charge of the bidding process and construction management.

Issues: None.



	(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	\$4,624,668	\$1	\$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	\$788,420	\$121,580	\$910,000	\$109,332
Contingency	\$0	\$0	\$0	\$0	\$0
Total Project	\$112,933,000	\$44,305,647	\$12,314,353	\$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.

Apr- Jun 2014

Future

Activities: (1) Continue irrigation construction and planting.

Jul- Sep 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%	\$10,185,647	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%	\$44,305,647	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)

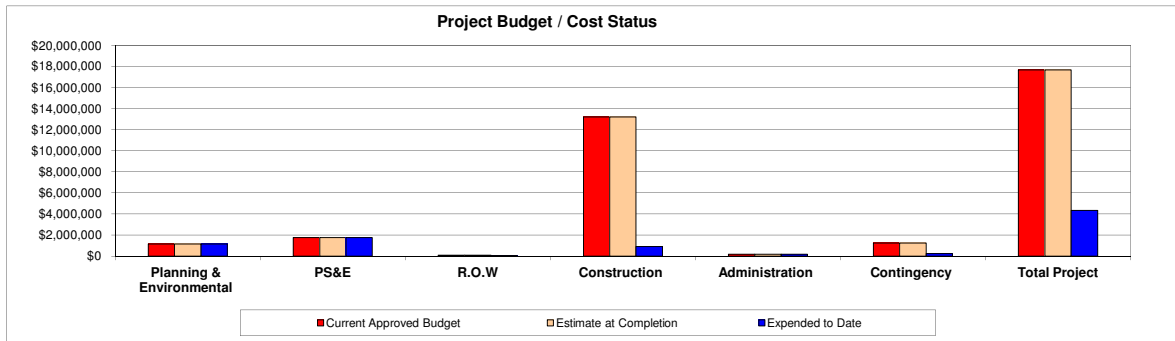
Project Status Summary: Current phase is Construction with the City of Pacifica as sponsor.

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	\$930,678	\$12,269,322	\$13,200,000	\$0
Administration	\$200,000	\$200,000	\$0	\$200,000	\$0
Contingency	\$1,253,000	\$253,000	\$1,000,000	\$1,253,000	\$0
Total Project	\$17,650,000	\$4,330,678	\$13,319,322	\$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 design phase.
 (2) Continued on-going project support for the transition into the construction phase on an as needed basis.
 (3) Completed construction of the stage 1 traffic detour.
 (4) Began operations of the traffic detour since 6/20/14. Traffic is detoured around the old Route 1 bridge via San Pedro Ave.
 (5) Completed the creek diversion system.

Future

Activities: (1) Demolish Route 1 bridge.
 (2) Start widening of the creek.
 (3) Construct pile driving bench pad and begin pile driving.
 (4) Begin biological monitoring.
 (5) Begin installation of bridge piles at both abutments and center bent.
 (6) Install irrigation system for future planting work.
 (7) Install a fine graded and concrete block slope armoring system.

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%	\$2,725,678	27%	\$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%	\$4,330,678	25%	\$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), Environmental Document (ED) and PS&E phases 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 is currently in the design phase with Caltrans as the lead agency. Estimated completion date is December 2015.</p>	<p>TA Funding \$5,000,000</p> <p>Expended \$1,500,802</p> <p>Remaining \$3,499,198</p>
<p>00625 - U.S. 101 - Candlestick</p> <p>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.</p> <p>Phase: PSR</p> <p>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.</p>	<p>SMCTA Funding \$1,011,000</p> <p>Expended \$37,992</p> <p>Remaining \$973,008</p>
<p>00733 - State Route 92 - U.S. 101 to I-280</p> <p>This project is for the preparation of the Project Study Report (PSR) for the additional auxiliary lanes from Highway 101 to I-280 in the uphill (westbound) direction. The project scope is anticipated to include environmental studies, PS&E and construction at a later date as the Board authorizes future budget. A PSR will be written to evaluate all alternatives which will include interchanges and evaluate the entire corridor for auxiliary lanes.</p> <p>Phase: PSR</p> <p>Status: Study under way. This will be the final report for the project.</p> <p>Reason: Additional funding needed.</p>	<p>SMCTA Funding \$679,958</p> <p>Expended \$651,942</p> <p>Remaining \$28,016</p>
<p>00768 - US 101 Woodside Road Interchange</p> <p>Scope: Preparation and approval of the Environmental Document and Project Report.</p> <p>Phase: Project Approval and Environmental Document (PA&ED)</p> <p>Status: Reviewed and provided comments on the draft Traffic Forecasting Model Memorandum. Continuing to develop geometric concepts in coordination with Caltrans. Estimated completion date is February 2016.</p>	<p>TA Funding \$3,800,000</p> <p>Expended \$252,821</p> <p>Remaining \$3,547,179</p>

<p>00774 - Highway Evaluation Program</p> <p>Scope: The project is to conduct countywide highway operational studies to assess congestion forecasting and operational analysis.</p> <p>Phase: Study</p> <p>Status: Scope and schedule being developed. This will be the final report for the project.</p>	<p>SMCTA Funding \$3,000,000</p> <p>Expended \$2,639,864</p> <p>Remaining \$360,136</p>
<p>00791 - US 101 HOV Lanes</p> <p>Scope: Prepare Project Study Report - Project Development Support (PSR-PDS) for the US 101 HOV Lanes project on Highway 101 from Redwood City to I-380 in San Bruno.</p> <p>Phase: Project Study Report - Project Development Support (PSR-PDS)</p> <p>Status: Currently finalizing the Purpose and Need Statement. Commenced development of the Traffic Engineering Performance Assessment (TEPA). Estimated completion date is December 2014.</p>	<p>TA Funding \$2,000,000</p> <p>Expended \$132,156</p> <p>Remaining \$1,867,844</p>
<p>00793 - Highway 1 - Mid Coast - Grey Whale Cove to Miramar</p> <p>Scope: Prepare Preliminary Planning Study (PPS) to address traffic issues along a 7 - mile stretch of Highway 1 - Mid Coast - Grey Whale cove to Miramar.</p> <p>Phase: Preliminary Planning Study (PPS)</p> <p>Status: Currently working on the development of Alternatives and incorporating Caltrans review comments. Held public outreach meeting to discuss alternatives. Estimated completion date is February 2015.</p>	<p>TA Funding \$250,000</p> <p>Expended \$53,277</p> <p>Remaining \$196,723</p>
<p>00795 - US 101 Holly Street Interchange</p> <p>Scope: Preparation and approval of the Environmental Document and Project Report.</p> <p>Phase: Project Approval and Environmental Document (PA&ED)</p> <p>Status: Continue to work on the drainage study and performed Storm Water Data Report (SWDR) evaluations. Updated cost estimates and continued coordination between the Traffic Operations Analysis Report (TOAR) and project design alternatives. Estimated completion date is November 2014.</p>	<p>TA Funding \$1,600,000</p> <p>Expended \$634,657</p> <p>Remaining \$965,343</p>

<p>00798 - US 101 Aux Lanes Scope: Prepare Project Study Report - Project Development Support (PSR-PDS) for the US Hwy 101 Auxiliary Lane Project from Oyster Point to San Francisco County Line. Phase: Project Study Report - Project Development Support (PSR-PDS) Status: Currently working on the Purpose and Need Statement. Continued to collect data. Identified project geometry constraints. Studying alternatives. Estimated completion date is February 2016.</p>	<p>TA Funding \$100,000</p> <p>Expended \$62,425</p> <p>Remaining \$37,575</p>
<p>00801 - US 101 Peninsula Avenue Interchange Scope: Prepare Project Study Report - Project Development Support (PSR-PDS) for the US Hwy 101 Peninsula Avenue Interchange. Phase: Project Study Report - Project Development Support (PSR-PDS) Status: Finalized Project Charter. Currently working on the Purpose and Need Statement. Developed the draft quality management plan. Estimated completion date is June 2015.</p>	<p>TA Funding \$1,000,000</p> <p>Expended \$117,028</p> <p>Remaining \$882,972</p>
<p>00802 - Poplar Corridor Safety Improvements Scope: Preparation and approval of the Environmental Document and Project Report, Design and construction. Phase: Project Approval and Environmental Document (PA&ED), Design (PS&E), and Construction. Status: Incorporating public comments into conceptual design drawings to be presented at future public meetings. Estimated completion date is December 2015.</p>	<p>TA Funding \$1,500,000</p> <p>Expended \$52,182</p> <p>Remaining \$1,447,818</p>
<p>00805 - Highway 92 / El Camino Real Interchange Scope: Preparation and approval of the Environmental Document and Project Report and Design. Phase: Project Approval and Environmental Document (PA&ED), and Design. Status: PA&ED was approved on May 6, 2014.</p>	<p>TA Funding \$2,200,000</p> <p>Expended \$539,989</p> <p>Remaining \$1,660,011</p>

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 \$158,385</p> <p>Remaining \$2,631,615</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>
<p><i>Railroad Grade Separations</i></p>	
<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>
<p>00757 - Grade Separation Study - Menlo Park</p> <p>Scope: This project provides funding to the City of Menlo Park to conduct grade separation feasibility studies for Oak Grove, Glenwood, Encinal and Ravenswood Avenues.</p> <p>Phase: Study Status: On Hold. This will be the final report for the project. Reason: Project has been placed on hold; Capital Program Management team is currently reviewing the impact of future capital improvements in the vicinity of the Menlo Park station.</p>	<p>SMCTA Funding \$550,000</p> <p>Expended \$243,440</p> <p>Remaining \$306,560</p>

Railroad Grade Separations (cont.)

<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>
<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>

Railroad Grade Separations (cont.)

<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>

Oversight

<p>00771 - C/CAG Study / ITS Program</p> <p>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.</p> <p>Phase: Design</p> <p>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.</p>	<p>SMCTA Funding \$4,170,000</p> <p>Expended \$3,925,869</p> <p>Remaining \$244,131</p>
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Definition of Terms

Active Capital Projects - Engineering and Construction Projects currently being executed or funded by SMCTA including the PSR (Project Study Report) phase, the PA/ED (Project Approval and Environmental Document) phase, the PS&E (Plan, Specification and Estimate) phase, the Construction phase, and the Closeout phase.

Current Approved Budget – Originally Board approved budget for the current phase of the project or for the total project + additional budget subsequently approved.

Current Contribution – Funding originally approved by the appropriate governing board for the current phase of the project or for the total project + additional funding subsequently approved.

Estimate at Completion (EAC) – The forecasted cost at completion of the current phase or the forecasted cost at completion of the total project. The estimate at completion cost can be different from the current approved budget. This difference reflects a cost variance at completion (underrun or overrun).

Expended to Date – The cumulative project costs that have been recorded through the current reporting period in the Agency’s accounting system + accrual costs of the work performed that have not been recorded in the accounting system; and costs incurred by other agencies as reported.

Issues - Identify major issues and problems (i.e. outside influences, procurement, property acquisitions, etc.) that may impact the project; quantify possible impacts and identify corrective actions.

On-Hold Projects – Projects not currently active due to (a) lack of funding, (b) lack of environmental permits, (c) projects funded but yet to be initiated, (d) projects being closed-out, and (e) schedule impacted by other related projects.

Original Contribution – Funding originally approved by the appropriate governing board for the current phase of the project or for the total project.

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

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



San Mateo County Transportation Authority

CAPITAL PROJECTS – Quarterly Progress Report

- **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.

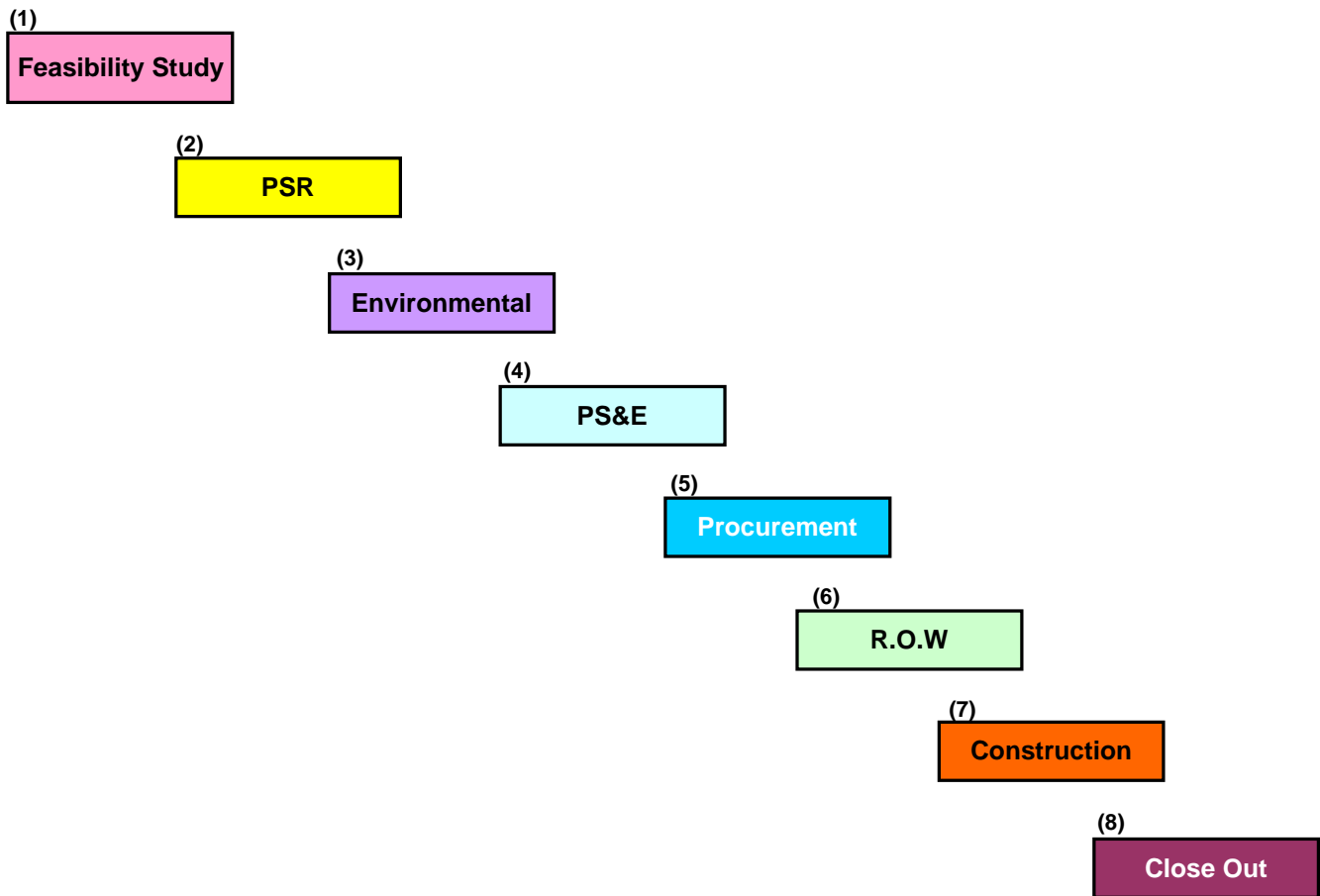
PSR – Project Study Report – A report providing conceptual project information including project scope, environmental assessment, feasibility, scope, costs and schedule.

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>