



Capital Projects

Quarterly Status Report

4th Quarter FY2020: April 01 – June 30, 2020

Prepared for the September 02, 2020 SamTrans Board Meeting



San Mateo County Transit District



TABLE OF CONTENTS

Capital Program – Budget Status Summary	1
Traffic Light Report	3
Vehicle Replacement Projects:	
021502 - Major Bus Components Project	5
100113 - Procurement of 10 Electric Buses Project	6
100354 - MB-2000 Bus Simulator System	7
100460 - FY2020 Purchase 14 Revenue Para Transit Vehicles (Vans)	8
100461 - FY2020 13 Paratransit (Cutaway) Revenue Vehicles	9
Information Technology Projects:	
021505 - Replace & Upgrade Servers & Out of Warranty Equipment Project	11
100016 - Wi-Fi at Bases for Video Review Project	12
100247 - FY2018 Tech Refresh	13
100248 - EPM Replacement	13
100348 - Upgrade Current District Website	14
Facilities / Construction Projects:	
100058 - Facility Smaller Projects	15
100252 - Central Roof Replacement	16
100255 - Traffic Signal Priority Project	17
100349 - FY2019 Facilities Eng. Smaller Projects	18
100469 - North Base Bus Washer Replacement	19
100470 - N & S Bases IW Line to Brake Pit Replacement	19
100474 - South Base Bus Washer Walls Rehab	20
100511 - South Base Natural Gas Line Replacement	20
FY2018 Capital Budget	21
FY2019 Capital Budget	22
FY2020 Capital Budget	23
DBE Status Report	25
Definition of Terms	27
Performance Status (Traffic Light) Criteria	29

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SamTrans - Capital Program - Budget Status Summary

4th Quarter FY2020 - April 01, 2020 to June 30, 2020

All Costs in \$1,000's

Programs					
	FY2016	FY2017	FY2018	FY2019	FY2020
1. Revenue Vehicles Replacement	\$35,312	\$7,725	\$0	\$0	\$0
2. Revenue & Non Revenue Vehicle Support	\$1,421	\$1,451	\$5,321	\$2,625	\$3,546
3. Information Technology	\$5,775	\$2,627	\$2,878	\$3,100	\$500
4. Development	\$2,350	\$1,942	\$1,552	\$750	\$250
5. Facilities/Construction	\$1,190	\$2,835	\$7,282	\$1,730	\$10,612
6. Safety and Security	\$1,830	\$1,451	\$0	\$0	\$150
7. Contingency	\$250	\$250	\$250	\$200	\$250
Total Board Approved Budget by FY ⁽¹⁾	\$48,128	\$18,281	\$17,283	\$8,405	\$15,308

Some of the major projects completed or in progress include, but are not limited to the following:

Active Projects

- Bus Stop Improvement Program
- Central Roof Replacement Project
- Non-Revenue Service Support Vehicles Project
- North and South Base Industrial Waste Line Replacement Project
- Procurement of 10 Electric Buses Project
- Purchase a New Bus Simulator
- Replace & Upgrade Servers & Out of Warranty Equipment Project
- Replace Paratransit Vehicles
- Traffic Signal Priority Project
- Wi-Fi at Bases for Video Review Project

Projects Completed Within the Last Three Years

- Central Office Sanitary Sewer Pump Replacement Project
- Facilities Smaller Projects - FY2012
- Lighting Upgrade at North Base and South Bases Project
- Linda Mar Park-n-Ride Lot Repaving Project
- Major Bus Components - FY2012
- Non-Revenue Service Support Vehicles Project
- North and South Base Industrial Waste Line Replacement Project
- Redi-Wheels (3) Expansion Vehicles Project
- Replace 50 2003 Gillig low-floor buses Project
- Replacement of 55 - 2002 NABI Buses Project
- San Carlos Transit Center Project
- Wi-Fi Installation at North and South Bases Project

Note:

(1) The "Total Board Approved Budget by FY" reflects the annual budget approved by the SamTrans Board of Directors for each fiscal year. This authorizes the amount that can be spent on projects. Unspent budget in a fiscal year may be carried forward to subsequent budget years.

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**SamTrans Quarterly Report
TRAFFIC LIGHT REPORT**

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	
	Q3 FY20	Q4 FY20	Q3 FY20	Q4 FY20	Q3 FY20	Q4 FY20	Q3 FY20	Q4 FY20		
<u>Vehicle Replacement Projects:</u>										
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= Project On-Hold



= No Issues



= Notable Issues



= Significant Issues

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SamTrans - Major Capital Project - Quarterly Report - Q4 FY2020 April 01, 2020 to June 30, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g) = (e) + (f)	(h)	(i) = (i) - (h)	(j)	(k) = (g) - (j)	(l) = (h) / (j)	(m)	(n)	(o)
Project No.	Project Name	Scope / Issues / Key Activities	Approved Funding	Original Budget	Approved Changes	Current Budget	Expended + Accrual To Date	Estimate to Complete	Estimate at Completion	Variance at Completion	% Expended of EAC	Est. Physical % Complete	Current Baseline / Current Start	Current Baseline / Current Finish
021502	Major Bus Components PM - David Harbour	<p>Scope: The objective of this project is to maintain a state of good repair for bus transit. Well maintained capital bus components are essential to keep our revenue equipment in service, reliable, and safe for bus patrons.</p> <p>This project provides funding for new parts, rebuilt parts, and major bus components, not accounted for in the operating budget, that exceed \$1,000 in accordance and compliance with FTA guidelines. Parts and major bus components include: engines, transmissions, differentials, ECU (electronic control unit), HVAC units (heating, ventilation and air conditioning) radiator, muffler, air compressor, Digital Video Recorders (DVRs), Automatic Mobile Data Terminals (AMDTs), etc.</p> <p>Issues: None.</p> <p>Key Activities:</p> <p>This Quarter: (1) Purchased major bus components and replacement parts.</p> <p>Next Quarter: (1) Continue to purchase major bus components and replacement parts, as needed.</p> <p>Note: Scheduled was rebaselined this quarter.</p>	\$6,606,636	\$6,606,636	\$0	\$6,606,636	\$5,937,314	\$669,322	\$6,606,636	\$0	89.9%	89.9%	07/01/15 / 07/01/15A	12/31/20 / 12/31/20

VEHICLE REPLACEMENT/MAINTENANCE PROJECTS:

SamTrans - Major Capital Project - Quarterly Report - Q4 FY2020 April 01, 2020 to June 30, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g) = (e) + (f)	(h)	(i) = (i) - (h)	(j)	(k) = (g) - (j)	(l) = (h) / (j)	(m)	(n)	(o)
Project No.	Project Name	Scope / Issues / Key Activities	Approved Funding	Original Budget	Approved Changes	Current Budget	Expended + Accrual To Date	Estimate to Complete	Estimate at Completion	Variance at Completion	% Expended of EAC	Est. Physical % Complete	Current Baseline / Current Start	Current Baseline / Current Finish
100113	Procurement of 10 Electric Buses PM - David Harbour	<p>Scope: Procure 10 battery-electric Zero Emissions Buses (ZEBs) to replace 10 of the 2003 Gillig diesel buses and install six charging stations in support of the electric buses. This project will support California Air Resources Board (CARB)'s goal of 100% ZEB transit fleet by 2040. These electric buses will be placed in a pilot service program at North Base.</p> <p>Issues: None.</p> <p>Key Activities</p> <p>This Quarter:</p> <ol style="list-style-type: none"> Continued weekly meeting with Protorra's engineering team regarding bus defects and Lot 2 (remaining eight buses). Continued corresponding with Resident Inspector about production in 2020. Continued production of remaining buses. Received one bus. Began accepting buses. Managed production delays. <p>Next Quarter:</p> <ol style="list-style-type: none"> Continue weekly meeting with Protorra's engineering team regarding bus defects and Lot 2 (remaining eight buses). Continue corresponding with Resident Inspector about production in 2020. Continue production of remaining buses. Continue managing production delays. Continue accepting buses. Receive more buses. <p>Note: The first two buses are in service. Production for the remaining eight buses began in February, 2020. Delivery of buses was planned to complete in April 2020. Protorra has delayed delivery of buses due to Covid-19 impact.</p>	\$10,926,668	\$10,926,668	\$0	\$3,181,358	\$7,745,310	\$10,926,668	\$0	29.1%	69.0%	02/01/18 / 02/01/18A	11/30/20 / 03/31/21	

SamTrans - Major Capital Project - Quarterly Report - Q4 FY2020 April 01, 2020 to June 30, 2020

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100354	MB-2000 Bus Simulator System PM - David Harbour	<p>Scope: The replacement of the outdated MB-2000 Bus Simulator acquired in 2005. SamTrans has benefited in training awareness from the MB-2000 Bus Simulator technology but is at the end of its life span and can no longer be upgraded. The older Simulator lacks the ability to adapt to the changing advances as a multi functioning training tool. A new simulator gives us the flexibility to manage larger classes in the training room environment and frees up buses in service. Also a primary reason for the simulator is to reduce preventable collisions and incidents. Reducing Risk in a hazards environments. The Simulator has shown positive results in the preventing preventable and at fault collisions.</p> <p>Issues: None.</p> <p>Key Activities:</p> <p>This Quarter: (1) Finalize schedule for delivery of simulator system. (2) Simulator system scheduled to be delivered in fall 2020.</p> <p>Next Quarter: (1) Await simulator system delivery.</p>	\$310,000	\$310,000	\$165,520	\$475,520	\$2,229	\$473,091	\$475,520	\$0	0.5%	0.5%	12/01/19 12/01/19A	12/31/20 12/31/20

SamTrans - Major Capital Project - Quarterly Report - Q4 FY2020 April 01, 2020 to June 30, 2020

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100460	FY2020 - Purchase 14 Revenue Para Transit Vehicles (Vans) PM - David Harbour	<p>Scope: The project scope is to procure and replace fourteen revenue Para Transit vans which have exceeded their useful service life. This procurement will also continue to insure the reliability, dependability and cost-effectiveness of the District's revenue vehicle fleets and will improve customer service and will help to minimize repair and maintenance costs. A three year, 36,000 mile warranty on the chassis and one year bumper to bumper warranty from El Dorado will mitigate overall repair costs. In 2016 the EPA and NHTSA initiated phase 2 of the emission regulation standards to improve overall carbon footprint and better fuel economy standards. The new replacement vehicles will be part of the phase 2 standards and will lessen the overall carbon footprint and day to day fuel cost in the replacement sub-fleet.</p> <p>Issues: None.</p> <p>Key Activities:</p> <p>This Quarter:</p> <ul style="list-style-type: none"> (1) Prepared staff report and resolution for Agenda Review and Board authorization. (2) Completed Agenda Review on purchase of minivans. <p>Next Quarter:</p> <ul style="list-style-type: none"> (1) Obtain Board authorization. (2) Obtain quote for Pre-Award Buy America audit. (3) Obtain tentative production schedule for Braun Entervan minivans. (4) Issue PO to Vendor for order of 14 Braun Entervan minivans. (5) Obtain Agreement with Vendor for purchase of Braun Entervan minivans. 	\$942,034	\$942,034	\$0	\$942,034	\$4,000	\$938,034	\$942,034	\$0	0.4%	5.0%	03/05/20 / 03/05/20A	12/31/20 / 12/31/20

SamTrans - Major Capital Project - Quarterly Report - Q4 FY2020 April 01, 2020 to June 30, 2020

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100461	FY2020 - 13 Para Transit (Cutaway) Revenue Vehicles PM - David Harbour	<p>Scope: The project scope is to procure and replace 13 Para Transit (cutaway) revenue vehicles that have exceeded useful service life. This will continue to insure the reliability, dependability and cost-effectiveness of the District's revenue vehicle fleets which in turn will improve customer service, and will help to minimize repair and maintenance costs. A three year 36,000 mile warranty on the chassis, and one year bumper to bumper warranty from El Dorado will also mitigate overall repair costs for that period. In 2016 the EPA and NH-TSA initiated phase 2 of the emission regulation standards to improve overall carbon footprint and better fuel economy standards. These new replacement vehicles will be part of the phase 2 standards and help to decrease the overall carbon footprint and day to day fuel costs associated with this sub-fleet.</p> <p>Issues: Parts shortage, delaying production completion.</p> <p>Key Activities:</p> <p>This Quarter:</p> <ol style="list-style-type: none"> (1) Production schedule delayed due to sale of paratransit shuttle business from El Dorado to Phoenix River. (2) Awarded contract to VTC the In-Plant Inspection Services/Post Delivery Buy America. (3) Conducted Kick-off meeting with In-Plant Inspector regarding production activities. (4) Coordinated with In-Plant Inspector around production activities and schedule. <p>Next Quarter:</p> <ol style="list-style-type: none"> (1) Production schedule: first bus to go online *6/8/20, planned delivery *7/30/20. (2) Coordinate with In-Plant Inspector on production activities, parts shortage, release for delivery, and obtaining inspection docs. (3) First two vehicles planned delivery at South Base for acceptance. (4) Coordinate for post-delivery acceptance. 	\$1,755,886	\$1,755,886	\$0	\$1,755,886	\$19,313	\$1,736,573	\$1,755,886	\$0	1.1%	25.0%	02/07/20 / 02/07/20A	08/31/20 / 10/31/20

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SamTrans - Major Capital Project - Quarterly Report - Q4 FY2020 April 01, 2020 to June 30, 2020

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021505	Replace & Upgrade Servers & Out of Warranty Equipment Project PM - Ed Kelly	<p>Scope: This project will replace District's servers and data storage, copiers/printers, routers and switches, AC, UPS and other appliances that are at the end of their expected service life and soon to be out of warranty. The project will procure new equipment to replace old and out of warranty equipment in Central's Data Center, North Base, and South Base as well as professional services for setup and configuration.</p> <p>Issues: None.</p> <p>Key Activities This Quarter: (1) Procured additional servers, network routers and switches to replace the out of warranty equipment.</p> <p>Next Quarter: (1) Procure additional servers, network routers and switches to replace the out of warranty equipment.</p>	\$7,079,000	\$985,000	\$6,084,000	\$7,079,000	\$4,515,419	\$2,563,581	\$7,079,000	\$0	63.8%	68.0%	07/01/14 / 07/01/14A	12/31/20 / 12/31/20

INFORMATION TECHNOLOGY PROJECTS:

SamTrans - Major Capital Project - Quarterly Report - Q4 FY2020 April 01, 2020 to June 30, 2020

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Project No.	Project Name	Scope / Issues / Key Activities	Approved Funding	Original Budget	Approved Changes	Current Budget	Expended + Accrual To Date	Estimate to Complete	Estimate at Completion	Variance at Completion	% Expended of EAC	Est. Physical % Complete	Current Baseline / Current Start	Current Baseline / Current Finish
100016	WiFi at Bases for Video Review PM - Karambir Cheema	<p>Scope: The project scope will primarily be as follows:</p> <ol style="list-style-type: none"> 1. Install and test Wifi equipment at North Base and South Base. 2. Specify software configuration based on stakeholder consensus. 3. Install, configure, and test servers, including: <ol style="list-style-type: none"> a. Application server, which serves as the back end for client computers allowing users to request video, initiates communications with bases when they enter the yard, and uploads Digital Video Recorders (DVRs) health data as well as any requested video. b. Database server, which runs Microsoft SQL server and houses data for the server application. 4. Install and configure client application on specified computers. 5. Configure all new Wifi equipped DVRs to communicate with the application server. <p>Issues:</p> <ol style="list-style-type: none"> (1) Due to COVID-19 delays, schedule has been extended to 12/31/2020. (2) According to C&P, since GSA pricing was offered, a Single Source request was no longer required. <p>Key Activities:</p> <p>This Quarter:</p> <ol style="list-style-type: none"> (1) IT provided a cost analysis on increasing the bandwidth between the 2 remote sites and the central office with purchasing new hardware for the 2 remote sites. (2) Decided on a single site deployment with servers located at Central. (3) IT continued to configure the outdoor wireless equipment for North Base and South Base. (4) IT determined an increase to the WAN link rates between Central and the North/South bases is not necessary at this time. (5) A new OLR, ICE and GSA quote was submitted to the C&P department. (6) The vendor provided a Statement of Work draft. <p>Next Quarter:</p> <ol style="list-style-type: none"> (1) C&P will issue a PO to the vendor. (2) IT will complete deployment of the wireless network at North and South Base. (3) IT will start the purchasing process for the server and workstation hardware. 	\$690,499	\$690,499	\$0	\$690,499	\$14,918	\$675,581	\$690,499	\$0	2.2%	10.0%	03/26/18 /	06/30/20 /
													03/26/18A	12/31/20

SamTrans - Major Capital Project - Quarterly Report - Q4 FY2020 April 01, 2020 to June 30, 2020

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Project No.	Project Name	Scope / Issues / Key Activities	Approved Funding	Original Budget	Approved Changes	Current Budget	Expended + Accrual To Date	Estimate to Complete	Estimate at Completion	Variance at Completion	% Expended of EAC	Est. Physical % Complete	Current Baseline / Current Start	Current Baseline / Current Finish
100247	FY2018 Tech Refresh PM - Ed Kelly	<p>Scope: To facilitate the adoption of new technology to meet changing needs and mitigate the risk of obsolescence of existing technology. Included is the periodic replacement of District system's servers and storage, copiers/printers, network equipment such as routers and switches, AC, UPS and other appliances that are at the end of its expected service life and will be out of warranty. This proposal will cover procurement as well as professional services for installation, setup and configuration.</p> <p>Issues: None.</p> <p>Key Activities:</p> <p>This Quarter: (1) Continued replacement of District's IT equipment on an as needed basis.</p> <p>Next Quarter: (1) Continue replacement of District's IT equipment on an as needed basis.</p>	\$1,303,476	\$1,303,476	\$0	\$1,303,476	\$479,936	\$823,540	\$1,303,476	\$0	36.8%	40.0%	07/01/18 / 07/01/18A	12/31/20 / 12/31/20
100248	EPM Replacement PM - L. Millard-Olmeda	<p>Scope: This project will replace and upgrade the EPM (Enterprise Performance Management) software that is currently being used by the Budgets group.</p> <p>Issues: None.</p> <p>Key Activities:</p> <p>This Quarter: (1) Project is currently on hold and will be removed from the MPR next quarter until project activities begin.</p> <p>Next Quarter: (1) Project is currently on hold and will be removed from the MPR next quarter until project activities begin.</p>	\$500,000	\$500,000	\$0	\$500,000	\$0	\$500,000	\$500,000	\$0	0.0%	0.0%	07/01/20 / 01/01/20	09/30/21 / 09/30/21

SamTrans - Major Capital Project - Quarterly Report - Q4 FY2020 April 01, 2020 to June 30, 2020

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100348	Upgrade Current District Website PM - J.Lipps	<p>Scope: To complete a website re-design and development that include, design and development; hosting maintenance and support. The District intends to enter into a Professional Services Agreement with the most qualified Consultant, to be the service provider.</p> <p>Issues: None.</p> <p>Key Activities:</p> <p>This Quarter: (1) Debriefed the losing bidders.</p> <p>Next Quarter: (1) Contract will be finalized.</p>	\$600,000	\$600,000	\$0	\$600,000	\$48,366	\$551,634	\$600,000	\$0	8.1%	8.1%	06/01/19 / 06/01/19	03/31/21 / 03/31/21

SamTrans - Major Capital Project - Quarterly Report - Q4 FY2020 April 01, 2020 to June 30, 2020

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Project No.	Project Name	Scope / Issues / Key Activities	Approved Funding	Original Budget	Approved Changes	Current Budget	Expended + Accrual To Date	Estimate to Complete	Estimate at Completion	Variance at Completion	% Expended of EAC	Est. Physical % Complete	Current Baseline / Current Start	Current Baseline / Current Finish
100058	Facility Smaller Projects PM - Greg Moyer	<p>Scope: This project will maintain a state of good repair (SOGR) for the District's infrastructure, shops and facilities. This project will maintain continuity of services and sustainability of a pleasant work environment, inclusive of routine maintenance or replacement, e.g. carpets.</p> <p>Issues: None.</p> <p>Key Activities:</p> <p>This Quarter: (1) Performed maintenance or repairs work, as needed.</p> <p>Next Quarter: (1) Continue with maintenance and repairs work, as needed.</p> <p>Note: Scheduled was rebaselined this quarter.</p>	\$1,110,000	\$1,110,000	\$0	\$1,110,000	\$621,679	\$488,321	\$1,110,000	\$0	56.0%	56.0%	07/01/19 / 07/01/19A	12/31/20 / 12/31/20

FACILITIES / CONSTRUCTION PROJECTS:

SamTrans - Major Capital Project - Quarterly Report - Q4 FY2020 April 01, 2020 to June 30, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g) = (e) + (f)	(h)	(i) = (f) - (h)	(j)	(k) = (g) - (j)	(l) = (h) / (j)	(m)	(n)	(o)
Project No.	Project Name	Scope / Issues / Key Activities	Approved Funding	Original Budget	Approved Changes	Current Budget	Expended + Accrual To Date	Estimate to Complete	Estimate at Completion	Variance at Completion	% Expended of EAC	Est. Physical % Complete	Current Baseline / Current Start	Current Baseline / Current Finish
100252	Central Roof Replacement PM - Greg Moyer	<p>Scope: Involves the rehabilitation of the Central office roof, from the east end of the tennis courts to the east side of the building. The roof is a 20+ years old "foam roof", which needs extensive rehabilitation. The current roof allows leaks into the 4th floor of the building, which are contained by garbage cans in heavy rains. The most cost effective approach to rehab the roof will be determined during the design phase. The cost estimate for this project is based on the assumption that this part of the roof will be replaced with a new foam roof. It is also assumed that walkways for foot traffic will also be added to extend the life of the new roof. This proposal does not include rehab of the tennis courts nor the facilities west of the tennis courts. This project would promote the District's goal of a reliable system in a state of good repair.</p> <p>Issues: None.</p> <p>This Quarter: (1) Project team continued working with C&P for design-build procurement type. (2) Continued working with GEC to create design build specifications for procurement.</p> <p>Next Quarter: (1) Project team to continue working with C&P for design-build procurement type. (2) Continue working with GEC to create design build specifications for procurement.</p>	\$1,275,000	\$1,275,000	\$0	\$1,275,000	\$6,055	\$1,268,945	\$1,275,000	\$0	0.5%	0.5%	09/01/19 / 09/01/19A	12/31/20 / 12/31/20

SamTrans - Major Capital Project - Quarterly Report - Q4 FY2020 April 01, 2020 to June 30, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g) = (e) + (f)	(h)	(i) = (i) - (h)	(j)	(k) = (g) - (j)	(l) = (h) / (j)	(m)	(n)	(o)
Project No.	Project Name	Scope / Issues / Key Activities	Approved Funding	Original Budget	Approved Changes	Current Budget	Expended + Accrual To Date	Estimate to Complete	Estimate at Completion	Variance at Completion	% Expended of EAC	Est. Physical % Complete	Current Baseline / Current Start	Current Baseline / Current Finish
100255	Traffic Signal Priority Project PM - Robert Tam	<p>Scope: This project will implement Traffic Signal Priority (TSP) technology for SamTrans buses traveling on El Camino Real in San Mateo County (State Highway 82). This will improve transit speed along the corridor by either giving buses early green lights or extending green lights at traffic intersections. SamTrans will build on the existing El Camino Real Smart Corridor Project, implemented by Caltrans and the City/County Association of Governments of San Mateo County (CCAG), and deploy wayside antennas at intersections and transponders aboard buses as the primary TSP detection technology to provide maximum communication precision.</p> <p>Issues: None.</p> <p>Key Activities:</p> <p>This Quarter:</p> <p>(1) The contractor resumed work and completed the bus installations except for the new electric buses which have not arrived yet.</p> <p>(2) Completed all the intersection installations except for the ones in Menlo Park because Caltrans will need to upgrade their traffic controller.</p> <p>(3) The electrical contractor installed the TSP equipment at Brewster and South Base.</p> <p>Next Quarter:</p> <p>(1) Complete the bus base TSP installations at North Base and MV San Francisco.</p> <p>(2) Test the intersections where the TSP have been installed.</p>	\$3,907,000	\$3,907,000	\$0	\$3,907,000	\$1,489,645	\$2,417,455	\$3,907,000	\$0	38.1%	60.0%	01/01/18 / 01/01/18A	09/30/21 / 09/30/21

SamTrans - Major Capital Project - Quarterly Report - Q4 FY2020 April 01, 2020 to June 30, 2020

(a) Project No.	(b) Project Name	(c) Scope / Issues / Key Activities	(d) Approved Funding	(e) Original Budget	(f) Approved Changes	(g) = (e) + (f) Current Budget	(h) Expended + Accrual To Date	(i) = (h) - (g) Estimate to Complete	(j) = (i) - (h) Estimate at Completion	(k) = (g) - (j) Variance at Completion	(l) = (h) / (j) % Expended of EAC	(m) Est. Physical % Complete	(n) Current Baseline / Current Start	(o) Current Baseline / Current Finish
100349	FY2019 Facilities Eng Smaller Projects PM - Various	<p>Scope: To maintain a state of good repair for the District's buildings, shops, infrastructure and facilities, with the objective of maintaining continuity of services, inclusive of routine maintenance or replacement. This project adds Engineering and Project Management services to these "smaller projects" in order to expedite their delivery. This year's funding request contains specific projects as follows: - Central Office Parking Structure Wall Rehab - Complete. - North Base Maintenance Building Hydraulic Line Rehab - Complete - Other Projects</p> <p>Issues: None. Key Activities: This Quarter: Central Parking Wall Rehab (1) Completed closeout of the project.</p> <p>North Base Maintenance Building Hydraulic Line Rehab (1) Completed closeout of the project.</p> <p>Next Quarter: Central Parking Wall Rehab None.</p> <p>North Base Maintenance Building Hydraulic Line Rehab None.</p> <p>Note: This will be the last report for the project.</p>	\$530,000	\$530,000	\$0	\$530,000	\$198,650	\$1,350	\$200,000	\$330,000	99.3%	100.0%	07/01/18 / 07/01/18A	09/30/20 / 04/30/20A

SamTrans - Major Capital Project - Quarterly Report - Q4 FY2020 April 01, 2020 to June 30, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g) = (e) + (f)	(h)	(i) = (i) - (h)	(j)	(k) = (g) - (j)	(l) = (h) / (j)	(m)	(n)	(o)
Project No.	Project Name	Scope / Issues / Key Activities	Approved Funding	Original Budget	Approved Changes	Current Budget	Expended + Accrual To Date	Estimate to Complete	Estimate at Completion	Variance at Completion	% Expended of EAC	Est. Physical % Complete	Current Baseline / Current Start	Current Baseline / Current Finish
100469	North Base Bus Washer Replacement PM - Alvin Piano	<p>Scope: The scope of this project is to replace the existing North Base bus washer, which was installed in 1995 and has reached the end of its useful life. The existing bus washer will be demolished and removed and the new replacement unit will include: new controls, new motors and pumps, new piping, new brushes and supports, new spray arches and supports, new water recycling equipment. District will reuse select components as best possible — drainage/collection pits, water storage tanks and utility connections within the existing structure. The new unit will use less water, use less soap/chemicals and to recover more gray water and better interface with District's height/width requirements, 3-bike rack capacity and extended mirror assemblies.</p> <p>Issues: None</p> <p>Key Activities:</p> <p>This Quarter: (1) Field site investigation performed to identify existing equipment to be utilized. (2) Identified Contract specifications.</p> <p>Next Quarter: (1) Prepare Division 01 Specifications. (2) Prepare Division 02 Specifications.</p>	\$540,000	\$540,000	\$0	\$540,000	\$650	\$539,350	\$540,000	\$0	0.1%	0.1%	08/01/19 / 01/01/20A	06/31/20 / TBD
100470	N & S Base IW Line to Brake Pit Replacement PM - Alvin Piano	<p>Scope: This project will replace the North Base industrial waste (IW) line, which drains the brake pit and fuel island areas of North Base. The IW line is approximately 650 feet in length and discharges into an underground separator tank, which connects to an off-site municipal sewer line. The IW line is currently 4-inch ductile iron pipe and will be replaced with a 6-inch PVC (plastic) pipe. The soil surrounding this pipe will be removed and replaced due to the potential contamination by the fluids carried in the existing pipe.</p> <p>Issues: None</p> <p>Key Activities:</p> <p>This Quarter: (1) Implemented IFB revisions and submitted to C&P. (2) Submitted IFB Package for C&P Review.</p> <p>Next Quarter: (1) Coordinate with C&P for procurement activities. (2) Prepare Bid documents and site walk.</p>	\$780,000	\$780,000	\$0	\$780,000	\$11,845	\$768,155	\$780,000	\$0	1.5%	1.5%	07/01/19 / 12/01/19A	03/31/21 / TBD

SamTrans - Major Capital Project - Quarterly Report - Q4 FY2020 April 01, 2020 to June 30, 2020

(a)	(b)	(c)	(d)	(e)	(f)	(g) = (e) + (f)	(h)	(i) = (h) - (g)	(j)	(k) = (g) - (i)	(l) = (h) / (j)	(m)	(n)	(o)	
Project No.	Project Name	Scope / Issues / Key Activities	Approved Funding	Original Budget	Approved Changes	Current Budget	Expended + Accrual To Date	Estimate to Complete	Estimate at Completion	Variance at Completion	% Expended of EAC	Est. Physical % Complete	Current Baseline / Current Start	Current Baseline / Current Finish	
100474	South Base Bus Washer Walls Rehab PM - Alvin Piano	<p>Scope: This project will replace the structural walls of the South Base bus washer. Extensive water damage have caused the walls to become unstable and require replacement. Significant sections of the walls will be reconstructed. Also a waterproof membrane will be installed in the walls during reconstruction.</p> <p>Issues: None</p> <p>Key Activities: This Quarter: (1) Coordinated onsite field investigation with Design team. (2) Prepared work directive deliverables for future Design work.</p> <p>Next Quarter: (1) Coordinate with Facilities team for scoping session. (2) Coordinate with C&P to issue work directive proposal request for Design work.</p>	\$350,000	\$350,000	\$0	\$350,000	\$950	\$349,050	\$350,000	\$0	0.3%	0.3%	07/01/19 / TBD	12/31/20 / TBD	
100511	South Base Natural Gas Line Replacement PM - Alvin Piano	<p>Scope: This project will replace the existing natural gas distribution system at South Base. The existing gas distribution system has been leaking and localized repairs have been completed but the gas system is to a point where total replacement is necessary to fully operate the South Base Bus Maintenance Building. The project includes on-call General Engineering Contractors (GEC's) to provide 35%, 65%, 95%, and 100% plans, specifications, and drawings (PS&E), bid support and design support during construction and construction.</p> <p>Issues: None</p> <p>Key Activities: This Quarter: (1) Contractor continued saw cutting and demolition activities. (2) Contractor continued to install gas line system.</p> <p>Next Quarter: (1) Contractor to test gas line system. (2) Contractor to start closing activities.</p>	\$1,070,000	\$1,070,000	\$0	\$1,070,000	\$74,540	\$995,460	\$1,070,000	\$0	\$0	7.0%	7.0%	11/01/19 / 05/26/20A	11/22/20 / 11/22/20

San Mateo County Transit District

Fiscal Year 2018 Capital Budget

Budget Item	Project No.	Description	Current Years Budget	Previous Years Budget	Total Project Budget
<u>Revenue Vehicle Support</u>					
1.1	100113/100389	Purchase 10 electric buses	3,676,668	7,250,000	10,926,668
1.2	100246	50 flip seats & modesty panels	147,306	-	147,306
1.3	021502	Major bus components (FY18)	1,500,000	3,341,436	4,841,436
		S/T	5,323,974	10,591,436	15,915,410
<u>Information Technology</u>					
2.1	100247	Tech Refresh (FY 18)	2,377,800	(1,074,324)	1,303,476
2.2	100248	EPM replacement	500,000	-	500,000
		S/T	2,877,800	(1,074,324)	1,803,476
<u>Planning/Development</u>					
3.1	100249	Ridership reporting software	222,000	-	222,000
3.2	021407	Samtrans business plan	780,000	358,000	1,138,000
3.3	090037	Capital program & project development	250,000	118,123	368,123
3.4	099024	Capital program management	250,000	-	250,000
3.5	100085	Express bus feasibility study - COMPLETE	50,000	634,000	684,000
		S/T	1,552,000	1,110,123	2,662,123
<u>Facilities/Construction</u>					
4.1	100255	Traffic signal priority	3,907,000	-	3,907,000
4.2	021507	Facilities smaller projects (FY17 & FY18)	265,000	282,000	547,000
4.3	100250	Timeclock replacement	100,000	-	100,000
4.4	100251	Transit asset management plan	975,000	-	975,000
4.5	100252	Roof replacement	475,000	-	475,000
4.6	100253	Linda Mar park-n-ride repaving - COMPLETE	700,000	-	700,000
4.7	021237	San Carlos transit center - COMPLETE	860,000	6,230,214	7,090,214
		S/T	7,282,000	6,512,214	13,794,214
<u>Other</u>					
6.1		Contingency	250,000	-	250,000
		S/T	250,000	-	250,000
Total FY2018 Budget			17,285,774	17,139,449	34,425,223

Fiscal Year 2019 Capital Budget - Amendment 2

Budget Item	Project No.	Description	Current Years		Previous		Total Project	
			Budget		Budget		Budget	Budget
<u>Revenue Vehicle Support</u>								
1.1	021502	Major bus components (FY18 & FY19)	1,173,200		4,841,436		6,014,636	
1.2	100354	MB-2000 bus simulator system	310,000		-		310,000	
1.3	100352	ADA self evaluation plan	200,000				200,000	
1.4	100353	Maintenance support equipment	94,185				94,185	
		S/T	1,777,385		4,841,436		6,618,821	
<u>Non-Revenue Vehicle Support</u>								
2.1	100360	Purchase 4 non-revenue support vehicles	847,311				847,311	
		S/T	847,311		-		847,311	
<u>Information Technology</u>								
3.1	021505	Tech Refresh (FY 15, 16, 17, 19)	2,500,000		4,579,000		7,079,000	
3.2	100348	Upgrade current District website	600,000		-		600,000	
		S/T	3,100,000		4,579,000		7,679,000	
<u>Planning/Development</u>								
4.1		Capital program & project development	250,000		234,430		484,430	
4.2		Capital program management	250,000		75,000		325,000	
4.3		US 101 mobility action plan	250,000				250,000	
		S/T	750,000		309,430		1,059,430	
<u>Facilities/Construction</u>								
5.1	021507	Facilities smaller projects (FY17, FY18 & FY19)	570,000		695,264		1,265,264	
5.2	100349	Facilities engineering smaller projects	530,000		-		530,000	
5.3	100350	Central Office Sanitary Sewer Pumps Replacement	350,000				350,000	
5.4	100351	Central Boiler Replacement	80,000				80,000	
5.5	100253	Linda park-n-ride repaving - COMPLETE	200,000		700,000		900,000	
		S/T	1,730,000		1,395,264		3,125,264	
<u>Other</u>								
6.1		Contingency	200,000		-		200,000	
		S/T	200,000		-		200,000	
Total FY2019 Budget			8,404,696		11,125,130		19,529,826	

Fiscal Year 2020 Capital Budget - Amendment 1

Budget Item	Project No.	Description	Current Years Budget	Previous Budget	Total Project Budget
<u>Revenue Vehicle Support</u>					
1.1	021502	Major Bus Components (FY18, FY19 & FY20)	592,000	6,014,636	6,606,636
1.2	100460	Replacement of (14) Revenue Paratransit Vans	956,480		956,480
1.3	100461	Replacement of (13) Revenue Paratransit Cutaway	1,732,640		1,732,640
1.4	100353	Maintenance support equipment	100,835	94,185	195,020
		S/T	3,381,955	6,108,821	9,490,776
<u>Non-Revenue Vehicle Support</u>					
2.1	100462	Replacement Non-Rev Service Support Vehicles	164,000	-	164,000
		S/T	164,000	-	164,000
<u>Information Technology</u>					
3.1	100463	Spear System Improvements	150,000	-	150,000
3.2	100477	Intranet Solution Replacement	350,000	-	350,000
		S/T	500,000	-	500,000
<u>Planning/Development</u>					
4.1	100464	Capital Program and Project Development	250,000	-	250,000
		S/T	250,000	-	250,000
<u>Safety and Security</u>					
5.1	100465	CCTV Network Improvement	150,000	-	150,000
		S/T	150,000	-	150,000

Fiscal Year 2020 Capital Budget (Cont)

Budget Item	Project No.	Description	Current Years Budget	Previous Budget	Total Project Budget
<u>Facilities/Construction</u>					
6.1	100058	Facilities Smaller Projects	1,110,000		1,110,000
6.2	100252	Central Building Roof Replacement (FY18 & FY20)	800,000	475,000	1,275,000
6.3	100466	North and South Base Employee Areas	520,000		520,000
6.4	100467	North and South Base Bus Parking Area Restriping	258,000		258,000
6.5	100468	North and South Base Vacuum Replacement Design	150,000		150,000
6.6	100469	North Base Bus Washer Replacement	540,000		540,000
6.7	100470	North & South Base IW Line to Brake Pit Replacement	780,000		780,000
6.8	100474	South Base Bus Washer Walls Rehab	350,000		350,000
6.9	100471	60' Aerial Lift Apparatus	70,000		70,000
6.10	100475	ADA Study & Phase 1 Retrofits	1,225,000		1,225,000
6.11	100476	North and South Base Exterior Painting	1,140,000		1,140,000
6.12	100472	Central Building	750,000		750,000
6.13	100473	Central Building Refresh	1,849,200		1,849,200
6.14	100511	South Base Natural Gas Line Replacement	1,070,000		1,070,000
		S/T	10,612,200	475,000	11,087,200
<u>Other</u>					
7.1	021214	Contingency	250,000	-	250,000
		S/T	250,000	-	250,000
Total FY2020 Budget			15,308,155	6,583,821	21,891,976

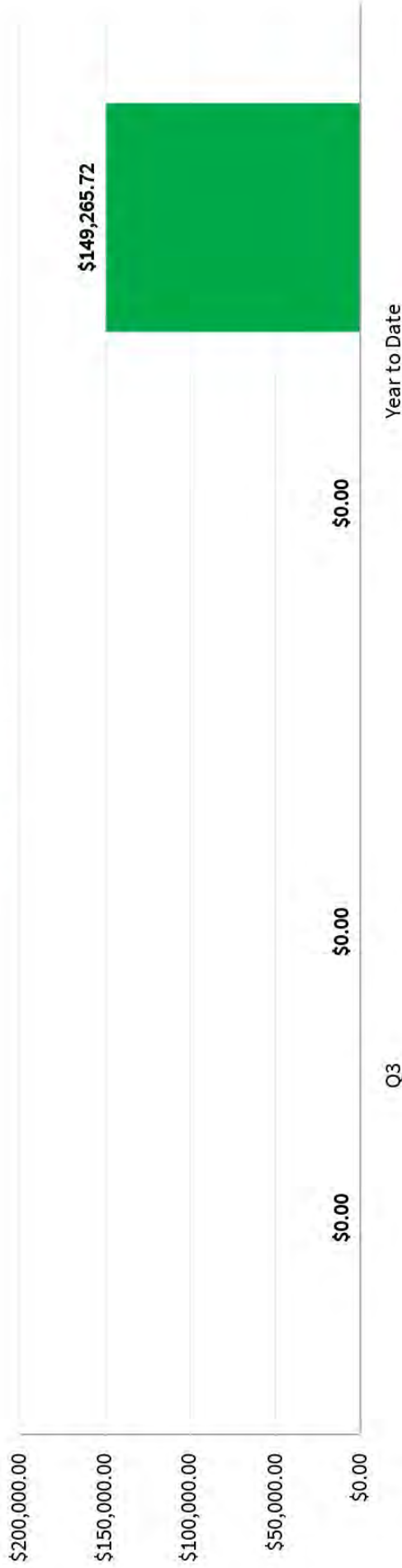
SamTrans : Disadvantaged Business Enterprise (DBE)

Quarterly Status Report:

- The SamTrans overall DBE goal is 3%.
- There were zero federal awards for the first or third quarters of the fiscal year.
- SamTrans had zero percent (0%) DBE utilization for the year to date.

FFY20 Q3: April 1, 2020 to June 30, 2020 | FFY20 YTD: October 01, 2019 to June 30, 2020

DBE\$ Contract\$



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Definition of Terms

Approved Changes – Changes to the original budget and/or transfers of budget from one segment code to another that have been approved by management and/or by the SamTrans Board of Directors.

Approved Funding – The amount of funding that has been approved by the SMCTD Board for the execution of the project.

Current Budget – The current budget reflects the original budget plus approved changes or internal budget transfers which has been approved by the program manager and/or the project manager.

Expended % of EAC – This is the % of Money Spent (Not Physical Progress) as compare to the EAC.

Estimate at Completion (EAC) – The forecasted final cost of the project.

Estimate to Complete – Forecast of the cost to complete the remaining work, including anticipated and pending changes.

Estimated Physical % Complete – An estimation of the physical work completed as compared to the budgeted work expressed in %.

Expended + Accrual to Date – The cumulative project costs that have been recorded through the current reporting period in PeopleSoft + accrual cost of the work performed that has not been recorded in PeopleSoft.

Issues – Exceptions / concerns as identified for information or further actions.

Key Activities - Identifies key activities being undertaken for the project for the current month and identifies the work anticipated for the next month.

Original Budget – Budget as originally approved by senior management for execution of the approved scope of work.

Original Start / Current Start – The original planned start date and the current or actual start date of the project.

Original Finish / Current Finish – The original planned completion date and the current forecasted completion date of the project.

Scope - A concise description of the work elements to be performed and delivered by the project.

Variance at Completion (VAC) – Difference between the Current Budget and the Estimate at Completion. A positive value reflects potential underrun, whereas a negative amount indicates possible overrun.



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>(d) Current Budget forecast exceeds the current approved budget by 5% to 10%.</p>	<p>(a) Significant scope changes / significant deviations from the original plan.</p> <p>(b) Current Budget forecast exceeds current approved budget by more than 10%.</p>
2. BUDGET	<p>(a) Estimate at Completion forecast is within plus /minus 5% of the Current Approved Budget.</p>	<p>(a) Estimate at Completion forecast exceeds Current Approved Budget between 5% to 10%.</p>	<p>(a) Estimate at Completion forecast exceeds Current Approved Budget by more than 10%.</p>
3. SCHEDULE	<p>(a) Project milestones / critical path are within plus/minus four months of the current baseline schedule.</p> <p>(b) Physical progress during the report period is consistent with incurred expenditures.</p> <p>(c) Schedule has been defined.</p>	<p>(a) Project milestones / critical path show slippage. Project is more than four to six months behind the current baseline schedule.</p> <p>(b) No physical progress during the report period, but expenditures have been incurred.</p> <p>(c) Detailed baseline schedule NOT finalized.</p>	<p>(a) Forecast project completion date is later than the current baseline scheduled completion date by more than six months.</p>
4. FUNDING	<p>(a) Expenditure is consistent with Available Funding.</p>	<p>(a) Expenditure reaches 80% of Available Funding, where remaining funding is NOT yet available.</p>	<p>(a) Expenditure reaches 90% of Available Funding, where remaining funding is NOT yet available.</p>
	<p>(b) All funding has been secured or available for scheduled work.</p>	<p>(b) NOT all funding is secured or available for scheduled work.</p>	<p>(b) No funding is secured or available for scheduled work.</p>

Note: Schedule variance for (a) Purchase of maintenance equipment; (b) Purchase of major bus components; (c) Maintenance of facilities; and (d) Upgrading of computer systems will not be monitored, as schedules for these types of projects are only a reflection of the year that funding has been allocated.