



Capital Projects

Quarterly Status Report

1st Quarter FY2020: July 01 – September 30, 2019

Prepared for the December 04, 2019 SamTrans Board Meeting



San Mateo County Transit District



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SamTrans - Capital Program - Budget Status Summary

1st Quarter FY2019 - July 01, 2019 to September 30, 2019

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	\$1,895	\$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	\$9,542
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	\$7,675	\$14,238

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

Active Projects

Bus Stop Improvement Program
 Central Office Sanitary Sewer Pump Replacement Project
 Linda Mar Park-n-Ride Lot Repaving Project
 Maint. & Op. Facility Pavement Rehabilitation Project
 Non-Revenue Service Support Vehicles Project
 North and South Base Industrial Waste Line Replacement Project
 Procurement of 10 Electric Buses Project
 Replace & Upgrade Servers & Out of Warranty Equipment Project
 Replacement of 55 - 2002 NABI Buses Project
 Traffic Signal Priority Project
 Wi-Fi at Bases for Video Review Project

Projects Completed Within the Last Three Years

Bus Lift Overhaul Project
 Facilities Smaller Projects - FY2012
 Installation of CCTV to Enhance Safety at Central Office Project
 Lighting Upgrade at North Base and South Bases 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
 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	
	Q4 FY19	Q1 FY20	Q4 FY19	Q1 FY20	Q4 FY19	Q1 FY20	Q4 FY19	Q1 FY20		
<u>Vehicle Replacement Projects:</u>										
021501 - Replacement of 55 - 2002 NABI Buses Project										5
021502 - Major Bus Components Project										6
100014 - Bike Rack Project										7
100113 - Procurement of 10 Electric Buses Project										7
100354 - MB-2000 Bus Simulator System										7
100360 - Purchase Four Non-Revenue Service Support Vehicles FY2019										8
<u>Information Technology Projects:</u>										
021505 - Replace & Upgrade Servers & Out of Warranty Equipment Project										9
100016 - Wi-Fi at Bases for Video Review Project										9
100251 - FY2018 Transit Asset Management Plan										10
<u>Facilities / Construction Projects:</u>										
021407 - Samtrans Business Plan										11
021507 - Facility Smaller Projects										11
100247 - FY2018 Tech Refresh										12
100248 - EPM Replacement										12
100252 - Central Roof Replacement										13
100255 - Traffic Signal Priority Project										13
100348 - Upgrade Current District Website										14
100349 - FY2019 Facilities Eng. Smaller Projects										14
100350 - Central Office Sanitary Sewer Pump Replacement Project										15
100460 - FY2020 Purchase 14 Revenue Para Transit Vehicles (Vans)										15
100461 - FY2020 13 Paratransit (Cutaway) Revenue Vehicles										16



= Project On-Hold



= No Issues



= Notable Issues



= Significant Issues

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SamTrans - Major Capital Project - Quarterly Report - Q1 FY2020 July 01, 2019 to September 30, 2019

(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) - (i) Variance at Completion	(l) = (h) / (i) % Expended of EAC	(m) Est. Physical % Complete	(n) Current Baseline / Current Start	(o) Current Baseline / Current Finish
021501	Replacement of 55 - 2002 NABI Buses Project PM - David Harbour	<p>Scope: Procure (65) replacement buses for the 2002 NABI articulated buses that have reached the end of their useful life. The new buses will meet the recommendations for vehicle type to complement the Samtrans Strategic Plan (SSP). The project also purchases major bus components, in accordance with the current contract with the current supplier. The project will be purchased per the Fixed Assets Transportation (FAST) Act which allows grantees to purchase rolling stock and related equipment from a State's cooperative procurement contract. This allows the District to purchase vehicles that meet proven design and construction standards, as well as configure them to the District's specifications, at highly competitive prices.</p> <p>Issues: None.</p> <p>Key Activities</p> <p>This Quarter:</p> <ol style="list-style-type: none"> (1) Continued receiving buses (28 out of 55 buses have been received). (2) Continued coordinating Resident Inspection for In-Plant Inspection Services. (3) Completed pre bus training. (4) Accepted nine buses (17 buses have been accepted to date). (5) Began putting buses in service (nine buses are in service). <p>Next Quarter:</p> <ol style="list-style-type: none"> (1) Continue coordinating Resident Inspection for In-Plant Inspection Services. (2) Continue receiving buses. (3) Continue acceptance testing of buses. (4) Continue placing buses in service. 	\$48,972,000	\$-48,972,000	\$0	\$48,972,000	\$27,165,084	\$21,806,916	\$48,972,000	\$0	55.47%	71.0%	02/04/17 / 02/04/17A	05/31/20 / 05/31/20

VEHICLE REPLACEMENT/MAINTENANCE PROJECTS:

SamTrans - Major Capital Project - Quarterly Report - Q1 FY2020 July 01, 2019 to September 30, 2019

(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
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 components include: engines, transmissions, differentials, ECUs (computer), HVAC, alternators, air conditioning, ventilators 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>	\$6,606,636	\$6,606,636	\$0	\$6,606,636	\$4,863,845	\$1,722,791	\$6,606,636	\$0	73.9%	73.9%	07/01/15 / 07/01/15A	06/30/20 / 06/30/20
100014	Bike Rack PM - David Harbour	<p>Scope: Purchase new 3-bike bus racks. Remove and replace existing 2-bike racks and install the new 3-bike racks on (237) SamTrans fixed route fleet buses.</p> <p>Issues: Contract will be issued as a sole-source contract.</p> <p>Key Activities:</p> <p>This Quarter: (1) Completed installing the new bike racks. (2) Completed project close out.</p> <p>Next Quarter: (1) The project has completed.</p> <p>Note: This will be the last report for the project.</p>	\$422,600	\$422,600	\$0	\$422,600	\$343,892	\$78,708	\$422,600	\$0	81.4%	81.4%	07/01/15 / 03/01/17A	09/30/19 / 09/30/19A

SamTrans - Major Capital Project - Quarterly Report - Q1 FY2020 July 01, 2019 to September 30, 2019

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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"> (1) Completed testing of two buses and placed them in service. (2) Established final production schedule with Proterra. (3) Continued weekly meeting with Proterra's engineering team regarding bus defects of remaining eight buses. (4) Continued to review bus configuration of remaining eight buses. <p>Next Quarter:</p> <ol style="list-style-type: none"> (1) Continue weekly meeting with Proterra's engineering team regarding bus defects of remaining eight buses. (2) Continue to review bus configuration of remaining eight buses. <p>Note: Production for the remaining eight buses will begin in early 2020.</p>	\$10,926,668	\$10,926,668	\$0	\$10,926,668	\$2,256,520	\$8,670,148	\$10,926,668	\$0	20.7%	42.0%	02/01/18 02/01/18A	11/30/20 11/30/20
100354	MB-2000 Bus Simulator System PM - TBD	<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:</p> <ol style="list-style-type: none"> (1) TBD. <p>Next Quarter:</p> <ol style="list-style-type: none"> (1) TBD. <p>Note: Activities and schedule information will be included in the next report.</p>	\$310,000	\$310,000	\$0	\$310,000	\$0	\$310,000	\$310,000	\$0	0.0%	0.0%	TBD TBD	TBD TBD

SamTrans - Major Capital Project - Quarterly Report - Q1 FY2020 July 01, 2019 to September 30, 2019

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100360	Purchase Four Non-Revenue Service Support Vehicles FY2019 PM - David Parsons	<p>Scope: To procure four Non-Revenue Service Support Vehicles. This procurement will replace two 2009 Toyota Priuses, one 2009 Ford E250 van and one 2010 Ford Focus. All replacement vehicles have either exceeded their warranty, are in a diminishing state of repair, or have gone beyond their useful life expectancy.</p> <p>Issues: None.</p> <p>Key Activities:</p> <p>This quarter:</p> <p>(1) All four vehicles have been received.</p> <p>(2) Began project close out.</p> <p>Next quarter:</p> <p>(1) Complete project close out.</p> <p>Note: This will be the last report for the project.</p>	\$118,000	\$118,000	\$0	\$118,000	\$104,830	\$13,170	\$118,000	\$0	88.8%	88.8%	07/01/18 / 07/01/18A	12/31/19 / 12/31/19

SamTrans - Major Capital Project - Quarterly Report - Q1 FY2020 July 01, 2019 to September 30, 2019

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INFORMATION TECHNOLOGY PROJECTS:														
021505	Replace & Upgrade Servers & Out of Warranty Equipment 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 be used in the 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	\$995,000	\$6,084,000	\$7,079,000	\$4,055,174	\$3,023,826	\$7,079,000	\$0	57.3%	60.0%	07/01/14 07/01/14A	12/31/19 12/31/19
100016	WiFi at Bases for Video Review PM - Karambir Cheema	<p>Scope: The project scope will primarily be as follows: 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: a. Application server, which serves as the back end for client computers allowing users to request video, initiates communication with buses 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> <p>Issues: (1) PM is requesting a single source option for the software portion of the contract. (2) Schedule will be updated after a vendor is selected.</p> <p>Key Activities: This Quarter: (1) Continued the process of gathering requirements for the WiFi infrastructure, backend servers and storage. (2) Continued to meet with project stakeholders. (3) Continued review of the available WiFi systems to decide on the system to be implemented.</p> <p>Next Six Weeks: (1) Continue the process of gathering requirements for the WiFi infrastructure, backend servers and storage. (2) Continue to meet with project stakeholders. (3) Continue review of the available WiFi systems.</p>	\$690,499	\$690,499	\$0	\$690,499	\$2,609	\$687,890	\$690,499	\$0	0.4%	TBD	03/26/18 03/26/18A	TBD

SamTrans - Major Capital Project - Quarterly Report - Q1 FY2020 July 01, 2019 to September 30, 2019

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100251	FY18 Transit Asset Management Plan PM - Jeff Thomas	<p>Scope: To implement a Transit Asset Management (TAM) Plan which will include a recognized database platform established within the IT profession. The project will guide the District's efforts to manage the condition of transit assets and to manage the condition of transit assets based on the condition of assets. Organizations receiving federal funding must gather and report categorized data (finances, operations, service levels, safety, facilities, etc.) in a manner fully consistent with stated National Transit Database (NTD) parameters. A District-wide asset database meeting the NTD parameters does not currently exist within the agency, the District will seek a turnkey database/training solution from an experienced firm. Existing District resources (prior data, IT equipment, etc.) will be utilized to the maximum extent possible.</p> <p>Issues: None.</p> <p>This Quarter: (1) Draft "past year" narrative update for 2019 FTA National Transit Database (NTD) Report. (2) District recruited for new TAM Analyst applicants.</p> <p>Next Quarter: (1) Conducts interviews for new TAM Analyst position. (2) Coordinate with contracted TAM consultant 2019 NTD Report update.</p>	\$975,000	\$975,000	\$0	\$975,000	\$169,580	\$806,420	\$975,000	\$0	17.4%	17.4%	02/01/18 02/01/18A	05/31/20 05/31/20

SamTrans - Major Capital Project - Quarterly Report - Q1 FY2020 July 01, 2019 to September 30, 2019

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FACILITIES / CONSTRUCTION PROJECTS:														
021407	Samtrans Business Plan PM - TBD	<p>Scope: To provide a comprehensive strategy to define a business plan that averts financial failure, reinvents our vision for delivering public transit, and tackling our internal and external organizational challenges. The project will evaluate financial, service delivery, and organization options for the agency and recommend an action plan that phases in specific operational projects over the next 20 years. The goal is to have a proactive new vision for how to deliver transit services to the county that will generate public support for new revenue sources.</p> <p>Issues: None.</p> <p>Key Activities (1) TBD.</p> <p>Next Quarter: (1) TBD.</p> <p>Note: Activities and schedule information will be included in the next report.</p>	\$1,138,000	\$1,138,000	\$0	\$1,138,000	\$426,962	\$711,038	\$1,138,000	\$0	37.5%	37.5%	TBD / TBD	TBD / TBD
021507	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 and repairs work.</p> <p>Next Quarter: (1) Continue with maintenance and repairs work, as needed.</p>	\$1,265,264	\$1,265,264	\$0	\$1,265,264	\$1,216,711	\$48,553	\$1,265,264	\$0	96.2%	96.2%	07/01/15 / 07/01/15A	06/30/20 / 06/30/20

SamTrans - Major Capital Project - Quarterly Report - Q1 FY2020 July 01, 2019 to September 30, 2019

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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) TBD.</p> <p>Next Quarter: (1) TBD.</p> <p>Note: Activities and schedule information will be included in the next report.</p>	\$1,303,476	\$1,303,476	\$0	\$1,303,476	\$2,500	\$1,300,976	\$0	0.2%	0.2%	TBD / TBD	TBD / TBD
100248	EPM Replacement PM - Ed Kelly	<p>Scope: To be updated</p> <p>Issues: None.</p> <p>Key Activities:</p> <p>This Quarter: (1) TBD.</p> <p>Next Quarter: (1) TBD.</p> <p>Note: Activities and schedule information will be included in the next report.</p>	\$500,000	\$500,000	\$0	\$500,000	\$0	\$500,000	\$0	0.0%	0.0%	TBD / TBD	TBD / TBD

SamTrans - Major Capital Project - Quarterly Report - Q1 FY2020 July 01, 2019 to September 30, 2019

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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 rehabilitating. 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) Began to identify project resources to develop specifications and drawings. (2) Prepared draft work directive request (WDPR) Proposal.</p> <p>Next Quarter: (1) Continue to identify project resources to develop specification and drawings. (2) Prepare WDPR cost estimate.</p>	\$1,275,000	\$1,275,000	\$0	\$1,275,000	\$1,253	\$1,273,747	\$1,275,000	\$0	0.1%	0.1%	09/01/19A / 12/31/20	09/01/19 / 12/31/20
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 (C/CAG), 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: (1) Worked on obtaining the permit from Caltrans. (2) Reviewed the training plan and detail installation plan and provided comments to the contractor. (3) Received project master schedule. (4) Contractor ordered material and equipment for the pilot installation.</p> <p>Next Quarter: (1) Receive a revised training plan and installation plan. (2) Continue to work on obtaining the permit from Caltrans. (3) Perform the pilot bus installations.</p>	\$3,907,000	\$3,907,000	\$0	\$3,907,000	\$398,721	\$3,508,279	\$3,907,000	\$0	10.2%	34.0%	01/01/18 / 01/01/18A	09/30/21 / 09/30/21

SamTrans - Major Capital Project - Quarterly Report - Q1 FY2020 July 01, 2019 to September 30, 2019

(a)	(b)	(c)	(d)	(e)	(f)	(g) = (e) ± (f)	(h)	(i) = (j) - (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
100348	Upgrade Current District Website PM - J.Llipsis	<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) TBD.</p> <p>Next Quarter: (1) TBD.</p> <p>Note: Activities and schedule will be included in the next report.</p>	\$600,000	\$600,000	\$0	\$600,000	\$1,065	\$598,935	\$600,000	\$0	0.2%	0.2%	TBD / TBD	TBD / TBD
100349	FY2019 Facilities Eng Smaller Projects PM - G.Moyer	<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:</p> <ul style="list-style-type: none"> - North Base Fire Hydrant Repair - Central Office Parking Structure Wall Rehab - North Base Maintenance Building Hydraulic Line Rehab - Other Projects <p>Issues: None.</p> <p>Key Activities:</p> <p>This Quarter: (1) TBD.</p> <p>Next Quarter: (1) TBD.</p> <p>Note: Activities and schedule will be included in the next report.</p>	\$530,000	\$530,000	\$0	\$530,000	\$138,039	\$391,961	\$530,000	\$0	26.0%	26.0%	07/01/18A / 09/30/20	07/01/18A / 09/30/20

SamTrans - Major Capital Project - Quarterly Report - Q1 FY2020 July 01, 2019 to September 30, 2019

(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) = (i) - (h) Estimate to Complete	(j) 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
100350	Central Office Sanitary Sewer Pump Replacement PM - Hubert Chan	<p>Scope: To replace two sewer pumps located in the basement of Central. Original pumps were installed in 1979.</p> <p>Issues: None.</p> <p>Key Activities:</p> <p>This Quarter: (1) Issued award of construction contract. (2) Approved pre-award, initial submittals.</p> <p>Next Quarter: (1) Conduct kickoff meeting for construction contract. (2) Approve "approved equal" design submittal. (3) Complete replacing sewer pumps.</p>	\$350,000	\$350,000	\$0	\$350,000	\$79,819	\$270,181	\$350,000	\$0	22.8%	22.8%	07/01/17 07/01/17A	12/31/19 12/31/19
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 minimize repair and maintenance costs. A three year 36,000 mile warranty will be included, and the year-over-year cost of the vans will be reduced. The project will also include the purchase of 14 new vans to replace the current fleet. 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: (1) TBD.</p> <p>Next Quarter: (1) TBD.</p> <p>Note: Activities and schedule information will be included in the next report.</p>	\$956,480	\$956,480	\$0	\$956,480	\$0	\$956,480	\$956,480	\$0	0.0%	0.0%	TBD TBD	TBD TBD

SamTrans - Major Capital Project - Quarterly Report - Q1 FY2020 July 01, 2019 to September 30, 2019

(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) - (i) Variance at Completion	(l) = (h) / (i) % Expended of EAC	(m) Est. Physical % Complete	(n) Current Baseline / Current Start	(o) Current Baseline / Current Finish
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 the overall maintenance costs. After year 36, operating economy or repair costs are expected to increase significantly for the Para Transit (cutaway) revenue vehicles. The project for the Para Transit (cutaway) revenue vehicles will also mitigate overall repair costs for that period. In 2016 the EPA and NHTSA 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: None.</p> <p>Key Activities:</p> <p>This Quarter: (1) TBD.</p> <p>Next Quarter: (1) TBD.</p> <p>Note: Activities and schedule information will be included in the next report.</p>	\$1,732,640	\$1,732,640	\$0	\$1,732,640	\$0	\$1,732,640	\$0	0.0%	0.0%	TBD / TBD	TBD / TBD	

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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	144,613	-	144,613
1.3	021502	Major bus components (FY18)	1,500,000	3,341,436	4,841,436
		S/T	5,321,281	10,591,436	15,912,717
<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			17,283,081	17,139,449	34,422,530

Fiscal Year 2019 Capital Budget - Amendment 2

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)	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

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)

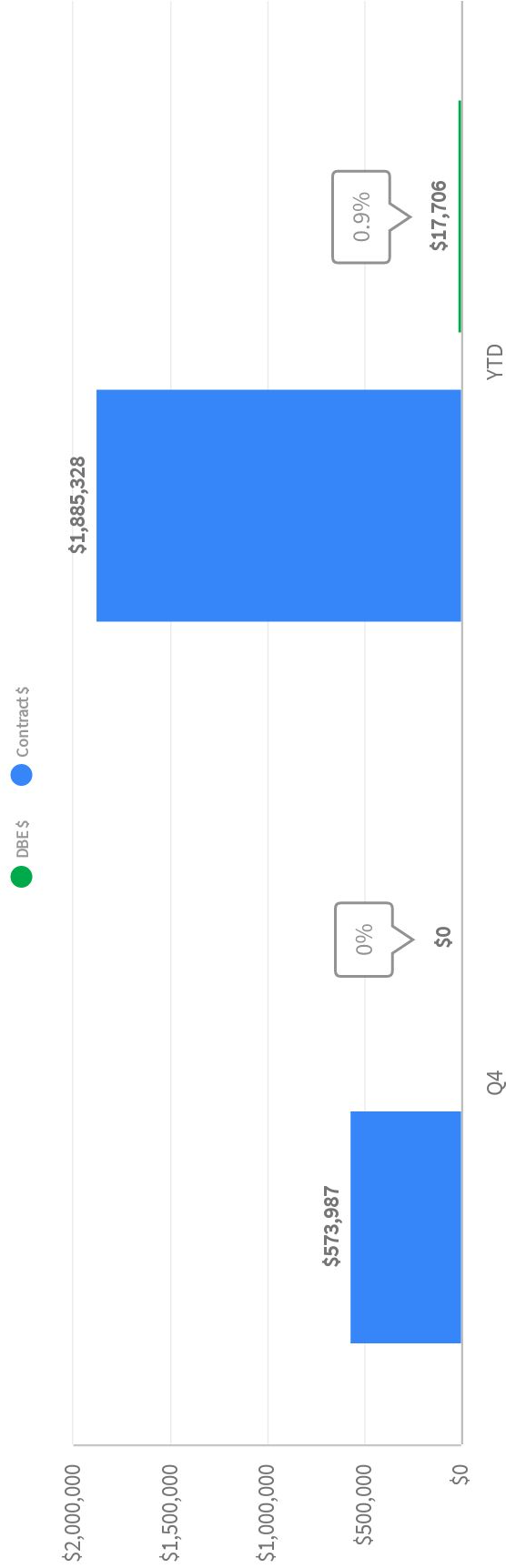
Budget Item	Project No.	Description	Current Years Budget	Previous Budget	Total Project Budget
<u>Facilities/Construction</u>					
6.1	100058	Facilities Smaller Projects	1,110,000		1,110,000
6.2	100252	Central Building Roof Replacement (FY18 & FY20)	800,000	475,000	1,275,000
6.3	100466	North and South 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
			S/T	475,000	10,017,200
<u>Other</u>					
7.1	021214	Contingency	250,000	-	250,000
			S/T	-	250,000
Total FY2020 Budget			14,238,155	6,583,821	20,821,976

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SamTrans : Disadvantaged Business Enterprise (DBE)

Quarterly Status Report:

- The SamTrans overall DBE goal is 0%.
- Overall DBE participation for the federal fiscal year-to-date was 0.9%.
- DBE participation was mainly attributed to traffic signaling.



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.

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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.