



## Capital Projects

# Quarterly Status Report

**2nd Quarter FY2022: October 01 – December 31, 2021**

Prepared for the March 02, 2022 SamTrans Board Meeting



**San Mateo County Transit District**





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## SamTrans - Capital Program - Budget Status Summary

2nd Quarter FY2022 - October 01, 2021 to December 31, 2021

All Costs in \$1,000's

Programs					
	FY2018	FY2019	FY2020	FY2021	FY2022
1. Revenue Vehicles Support	\$5,321	\$1,778	\$3,382	\$952	\$34,186
2. Non Revenue Vehicle Support	\$0	\$847	\$164	\$116	\$0
3. Information Technology	\$2,878	\$3,100	\$500	\$3,529	\$431
4. Planning/Development	\$1,502	\$750	\$250	\$0	\$500
5. Facilities/Construction	\$7,282	\$1,730	\$10,612	\$7,052	\$5,933
6. Safety and Security	\$0	\$0	\$150	\$0	\$0
7. Contingency	\$250	\$200	\$250	\$250	\$0
<b>Total Board Approved Budget by FY <sup>(1)</sup></b>	<b>\$17,233</b>	<b>\$8,405</b>	<b>\$15,308</b>	<b>\$11,899</b>	<b>\$41,050</b>

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

### Active Projects

Central Building Refresh  
 Central Roof Replacement Project  
 FY2018 Tech Refresh  
 North and South Base Exterior Painting  
 North Base Bus Washer Replacement  
 North & South Base IW Line to Brake Pit Replacement  
 Onboard Wi-Fi Equipment Retrofit for 225 Buses  
 Procurement of 10 Electric Buses Project  
 Replace & Upgrade Servers & Out of Warranty Equipment Project  
 South Base Bus Washer Walls Rehab  
 Upgrade Current District Website  
 Wi-Fi at Bases for Video Review Project  
 South Base Switchgear Replacement

### Projects Completed Within the Last Three Years

Bus Stop Improvement Program  
 Central Office Sanitary Sewer Pump Replacement Project  
 Facilities Smaller Projects - FY2012  
 Linda Mar Park-n-Ride Lot Repaving Project  
 Major Bus Components - FY2012  
 Seven Non-Revenue Service Support Vehicles Project  
 North and South Base Industrial Waste Line Replacement Project  
 Purchase a New Bus Simulator  
 Replace Paratransit Vehicles  
 Replacement of 55 - 2002 NABI Buses Project  
 Traffic Signal Priority Project  
 South Base Natural Gas Line Replacement

### **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	
	Q1 FY22	Q2 FY22	Q1 FY22	Q2 FY22	Q1 FY22	Q2 FY22	Q1 FY22	Q2 FY22		
<b><u>Vehicle Replacement Projects:</u></b>										
021502 - Major Bus Components Project										5
100113 - Procurement of 10 Electric Buses Project										5
<b><u>Information Technology Projects:</u></b>										
021505 - Replace & Upgrade Servers & Out of Warranty Equipment Project										6
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100474 - South Base Bus Washer Walls Rehab										11
100476 - North and South Base Exterior Painting										12
100547 - South Base Switchgear Replacement										12



= Project On-Hold



= No Issues



= Notable Issues



= Significant Issues

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**SamTrans - Major Capital Project - Quarterly Report - Q2 FY2022 October 01, 2021 to December 31, 2021**

(a)	(b)	(c)	(d)	(e)	(f)	(g) = (e) + (f)	(h)	(i) = (g) - (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

**VEHICLE REPLACEMENT/MAINTENANCE PROJECTS:**

021502	Major Bus Components PM - David Harbour	<p><b>Scope:</b> 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><b>Issues:</b> None.</p> <p><b>Key Activities:</b></p> <p><b>This Quarter:</b> (1) Purchased major bus components and replacement parts.</p> <p><b>Next Quarter:</b> (1) Continue to purchase major bus components and replacement parts, as needed.</p> <p><b>Note:</b> Schedule was re-baselined this quarter.</p>	\$7,327,336	\$7,327,336	\$0	\$7,327,336	\$6,495,171	\$832,165	\$7,327,336	\$0	88.6%	88.6%	07/01/15 / 07/01/15A	06/30/22 / 06/30/22
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100113	Procurement of 10 Electric Buses PM - David Harbour	<p><b>Scope:</b> 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><b>Issues:</b> None.</p> <p><b>Key Activities</b></p> <p><b>This Quarter:</b> (1) SamTrans Executive Team continued working with legal to mitigate the continuing issues and problems with the electric buses. (2) Samtrans is in negotiations with Proterra.</p> <p><b>Next Quarter:</b> (1) In the month of January, eight Proterra BEB's (Lot-2) were returned to Proterra. (2) SamTrans' Executive Team continues working with legal to mitigate the continuing issues and problems with the two remaining Proterra BEB's (Lot-1). (3) Samtrans to continue negotiations with Proterra. .</p> <p><b>Note:</b> Schedule has been delayed due to Covid-19 impact and technical issues with the buses.</p>	\$10,926,668	\$10,926,668	\$0	\$10,926,668	\$3,257,205	\$7,669,463	\$10,926,668	\$0	29.8%	67.0%	02/01/18 / 02/01/18A	11/30/20 / 06/30/22
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**SamTrans - Major Capital Project - Quarterly Report - Q2 FY2022 October 01, 2021 to December 31, 2021**

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**INFORMATION TECHNOLOGY PROJECTS:**

021505	Replace & Upgrade Servers & Out of Warranty Equipment Project PM - Ed Kelly	<p><b>Scope:</b> 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><b>Issues:</b> None.</p> <p><b>Key Activities</b> <b>This Quarter:</b> (1) Procured additional servers, network routers and switches to replace the out of warranty equipment.</p> <p><b>Next Quarter:</b> (1) Procure additional servers, network routers and switches to replace the out of warranty equipment.</p> <p><b>Notes:</b> Schedule was re-baselined this quarter.</p>	\$7,079,000	\$995,000	\$6,084,000	\$7,079,000	\$4,904,000	\$2,175,000	\$7,079,000	\$0	69%	69%	07/01/14 / 07/01/14A	12/31/22 / 12/31/22
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100016	Wi-Fi at Bases for Video Review PM - Karambir Cheema	<p><b>Scope:</b> The project scope will primarily be as follows: 1. Install and test Wi-Fi 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 Wi-Fi equipped DVRs to communicate with the application server. 6. Purchase, install and test WiFi equipment at MV San Francisco CUB and Brewster locations.</p> <p><b>Issues:</b> None.</p> <p><b>Key Activities:</b> <b>This Quarter:</b> (1) Deployed mSET workstations. (2) Submitted mSET WiFi extension plans to the IT Department.</p> <p><b>Next Quarter:</b> (1) IT will identify what additional WiFi equipment and services need to be purchased.</p> <p><b>Issues:</b> (1) Project completion is now estimated at December 31, 2022. PM updated the project scope to expand the mSET WiFi network to the San Francisco MV CUB location.</p>	\$690,499	\$690,499	\$0	\$690,499	\$599,500	\$90,999	\$690,499	\$0	86.8%	86.8%	03/26/18 / 03/26/18A	06/30/20 / 12/31/22
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**SamTrans - Major Capital Project - Quarterly Report - Q2 FY2022 October 01, 2021 to December 31, 2021**

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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><b>Scope:</b> 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><b>Issues:</b> None.</p> <p><b>Key Activities:</b></p> <p><b>This Quarter:</b> (1) Continued replacement of District's IT equipment on an as needed basis.</p> <p><b>Next Quarter:</b> (1) Continue replacement of District's IT equipment on an as needed basis.</p> <p><b>Notes:</b> Schedule was re-baselined this quarter.</p>	\$1,303,476	\$1,303,476	\$0	\$1,303,476	\$817,000	\$486,476	\$1,303,476	\$0	62.7%	62.7%	07/01/18 / 07/01/18A	12/31/22 / 12/31/22
100348	Upgrade Current District Website PM - J.Lipps	<p><b>Scope:</b> 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><b>Issues:</b> The Scope has been changed from one central website to three separate sites, one for each agency. This change is causing the schedule delay.</p> <p><b>Key Activities:</b></p> <p><b>This Quarter:</b> (1) Met weekly with contractor FivePaths. (2) Included Michael Stevenson, Shuttles Program, in one meeting to discuss his needs in a new website. (3) Presented the project to the Caltrain CAC. (4) Held weekly internal web team meetings with Web Developer, Mark Templo. (5) Held weekly meetings with TA staff to restructure, re-write content.</p> <p><b>Next Quarter:</b> (1) Continue to meet contractor regularly.</p> <p><b>Note:</b> The Website Project has been linked to a Branding Project and the timeline pushed back. The purpose of this relates to both contracts being the same vendor and overlapping tasks relating to research and implementation of a brand into a website.</p>	\$600,000	\$600,000	\$0	\$600,000	\$578,562	\$21,438	\$600,000	\$0	96.4%	96.4%	06/01/19 / 06/01/19	03/31/21 / 03/31/22

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100534	Onboard Wi-Fi Equipment Retrofit for 225 Buses PM - Karambir Cheema	<p><b>Scope:</b> This project will include the cost of procuring and installing onboard Wi-Fi equipment on 225 buses. This project will also cover the cost of the CAD/AVL backend configuration, hardware installation and a patch for the buses that will allow for the cellular connection to provide a real-time feed.</p> <p><b>Issues:</b> None</p> <p><b>Key Activities:</b></p> <p><b>This Quarter:</b> (1) Routers installation were completed.</p> <p><b>Next Quarter:</b> (1) Inspect, configure and test the routers for connectivity and uploading data to the central server.</p> <p><b>Note:</b> CVAD/AVL which is tied to this project due to configuration and using one SIM card for both functionalities has pushed the completion date to March 2022.</p>	\$1,765,991	\$1,765,991	\$0	\$1,765,991	\$1,210,014	\$555,977	\$1,765,991	\$0	68.5%	68.5%	09/09/20 / 09/09/20A	06/30/21 / 03/31/22

**SamTrans - Major Capital Project - Quarterly Report - Q2 FY2022 October 01, 2021 to December 31, 2021**

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**FACILITIES / CONSTRUCTION PROJECTS:**

100058	Facility Smaller Projects PM - Greg Moyer	<p><b>Scope:</b> 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><b>Issues:</b> None.</p> <p><b>Key Activities:</b></p> <p><b>This Quarter:</b> (1) Performed maintenance or repairs work, as needed.</p> <p><b>Next Quarter:</b> (1) Continue with maintenance and repairs work, as needed.</p> <p><b>Note:</b> Schedule was re-baselined this quarter.</p>	\$2,540,000	\$2,540,000	\$0	\$2,540,000	\$2,033,064	\$506,936	\$2,540,000	\$0	80.0%	80.0%	07/01/19 / 07/01/19A	06/30/22 / 06/30/22
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100252	Central Roof Replacement PM - Greg Moyer	<p><b>Scope:</b> 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><b>Issues:</b> None.</p> <p><b>This Quarter:</b> (1) District's GEC/Design consultant is conducting outreach to specialty firm</p> <p><b>Next Quarter:</b> (2) GEC/Design consultant engages preliminary plans/schedules with specialty firms.</p> <p><b>Note:</b> (1) Facilities is understaffed by long-standing vacancies with recruitments still in process. Projects were re-assessed for District impact and criticality to determine viable schedules moving forward.</p>	\$1,275,000	\$1,275,000	\$0	\$1,275,000	\$13,598	\$1,261,402	\$1,275,000	\$0	1.1%	1.1%	09/01/19 / 09/01/19A	01/31/24 / 01/31/24
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SamTrans - Major Capital Project - Quarterly Report - Q2 FY2022 October 01, 2021 to December 31, 2021

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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
100469	North Base Bus Washer Replacement PM - Jeffrey Thomas	<p><b>Scope:</b> 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><b>Issues:</b> Project staff of 1 FTE was short (0.5 FTE) for Jan-Sept 2020 and vacant (0 FTE) for Oct-Dec 2020. Facilities has re-gained project staff on a contract basis in the first week of January 2021. Multiple projects are being reviewed and prioritized to restore vital services at their earliest opportunity.</p> <p><b>Key Activities:</b> <b>This Quarter:</b> (1) Bids received and opened on 11/5/2021. (2) Staff was reviewing bid submittals and determining recommended actions. (3) Staff made a review of all bid submittals and conducted reference checks. . . <b>Next Quarter:</b> (1) Staff to provide summary report to the Executive Team. (2) Agenda Review is scheduled for 1/19/2022. (3) Board Action is tentative for 2/2/2022.</p>	\$935,000	\$935,000	\$0	\$935,000	\$45,486	\$889,514	\$935,000	\$0	4.9%	4.9%	08/01/19 / 01/01/20A	12/31/21 / 10/31/22
100470	N & S Base IW Line to Brake Pit Replacement PM - Jeffrey Thomas	<p><b>Scope:</b> 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><b>Issues:</b> The scheduled North Base Industrial Waste Line Replacement has met small incremental delays in design/planning phase and again at the submittal review phase. The net impact of collective delays and staffing changes is 90 days (2nd week of June 2021) for substantial completion and 120 days (2nd week of July 2021) for final complete.</p> <p><b>Key Activities:</b> <b>This Quarter:</b> (1) Contractor continued close-out documents with District guidance. (2) Notice of Completion was filed with the County Recorder's Office on 12/20/2021. <b>Next Quarter:</b> (1) Contractor to provide final invoice and District completes close-out process.</p>	\$780,000	\$780,000	\$0	\$780,000	\$630,571	\$149,429	\$780,000	\$0	80.8%	80.8%	07/01/19 / 12/01/19A	03/31/21 / 01/31/22

**SamTrans - Major Capital Project - Quarterly Report - Q2 FY2022 October 01, 2021 to December 31, 2021**

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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
100473	Central Building Refresh PM - Greg Moyer	<p><b>Scope:</b> This project is for Central Building improvements. It includes 20+ building improvements for Central Office and Garage.</p> <p><b>Issues:</b> None.</p> <p><b>Key Activities:</b>  <b>This Quarter:</b>                      (1) Design criteria and delivery method are under discussion with GEC/Design consultant.                      (2) GEC/Design consultant to conduct outreach to specialized firms.</p> <p><b>Next Quarter:</b>                      (1) GEC/Design consultant to develop plans, specifications and estimates with District's review.</p> <p><b>Note:</b>                      (1) Facilities is understaffed by long-standing vacancies with recruitments still in process. Projects were re-assessed for District impact and criticality to determine viable schedules moving forward.</p>	\$1,849,200	\$1,849,200	\$0	\$1,849,200	\$460,770	\$1,388,430	\$1,849,200	\$0	24.9%	24.9%	07/01/20 / 07/01/20A	02/28/24 / 8/31/2024
100474	South Base Bus Washer Walls Rehab PM - Jeffrey Thomas	<p><b>Scope:</b> 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><b>Issues:</b> None</p> <p><b>Key Activities:</b>  <b>This Quarter:</b>                      (1) 1.Design work by consultant continued.                      2.District staff participated in design changes.                      (2) GEC/Design Consultant continued design work.</p> <p><b>Next Quarter:</b>                      (1) Consultant to resolve outstanding issues and deliver plans, specifications and estimates.</p> <p><b>Note:</b> Project staffing was vacant/short during 2019-20.</p>	\$350,000	\$350,000	\$0	\$350,000	\$15,500	\$334,500	\$350,000	\$0	4.4%	4.4%	07/01/19 / 08/01/20	06/30/22 / 06/30/23

**SamTrans - Major Capital Project - Quarterly Report - Q2 FY2022 October 01, 2021 to December 31, 2021**

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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
100476	North and South Base Exterior Painting PM - Greg Moyer	<p><b>Scope:</b> This project is to paint exterior portions of North and South bases.</p> <p><b>Issues:</b> None.</p> <p><b>Key Activities:</b>  <b>This Quarter:</b>                      (1) Plans, work phases and site measurements continue.</p> <p><b>Next Quarter:</b>                      (1) Finalize bid documents for procurement and public bidding.</p>	\$1,140,000	\$1,140,000	\$0	\$1,140,000	\$1,545	\$1,138,455	\$1,140,000	\$0	0.1%	0.1%	03/01/21 / 03/01/21A	01/31/24 / 01/31/24
100547	South Base Switchgear Replacement PM - Greg Moyer	<p><b>Scope:</b> South Base switchgear replacement.</p> <p><b>Issues:</b> None.</p> <p><b>Key Activities:</b>  <b>This Quarter:</b>                      (1) District's design consult continues planning with review/input by District staff.                      (2) Designer and District staff have conferred with PG&amp;E on local capacity issues/schedules.</p> <p><b>Next Quarter:</b>                      (1) Design consultant continues further development with District staff and PG&amp;E.</p>	\$1,000,000	\$1,000,000	\$0	\$1,000,000	\$26,238	\$973,762	\$1,000,000	\$0	2.6%	2.6%	10/01/19 / 10/01/19A	11/30/23 / 11/30/23

## Fiscal Year 2020 Capital Budget - Amendment 1

Budget Item	Project No.	Description	Current Years Budget	Previous Budget	Total Project Budget
<b>Revenue Vehicle Support</b>					
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
			<b>S/T</b>	<b>3,381,955</b>	<b>6,108,821</b>
<b>Non-Revenue Vehicle Support</b>					
2.1	100462	Replacement Non-Rev Service Support Vehicles	164,000	-	164,000
			<b>S/T</b>	<b>164,000</b>	<b>164,000</b>
<b>Information Technology</b>					
3.1	100463	Spears System Improvements	150,000	-	150,000
3.2	100477	Intranet Solution Replacement	350,000	-	350,000
			<b>S/T</b>	<b>500,000</b>	<b>500,000</b>
<b>Planning/Development</b>					
4.1	100464	Capital Program and Project Development	250,000	-	250,000
			<b>S/T</b>	<b>250,000</b>	<b>250,000</b>
<b>Safety and Security</b>					
5.1	100465	CCTV Network Improvement	150,000	-	150,000
			<b>S/T</b>	<b>150,000</b>	<b>150,000</b>

## Fiscal Year 2020 Capital Budget (Cont)

Budget Item	Project No.	Description	Current Years Budget	Previous Budget	Total Project Budget
<b>Facilities/Construction</b>					
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
			<b>S/T</b>	<b>10,612,200</b>	<b>475,000</b>
					<b>11,087,200</b>
<b>Other</b>					
7.1	021214	Contingency	250,000	-	250,000
			<b>S/T</b>	<b>-</b>	<b>250,000</b>
<b>Total FY2020 Budget</b>			<b>15,308,155</b>	<b>6,583,821</b>	<b>21,891,976</b>

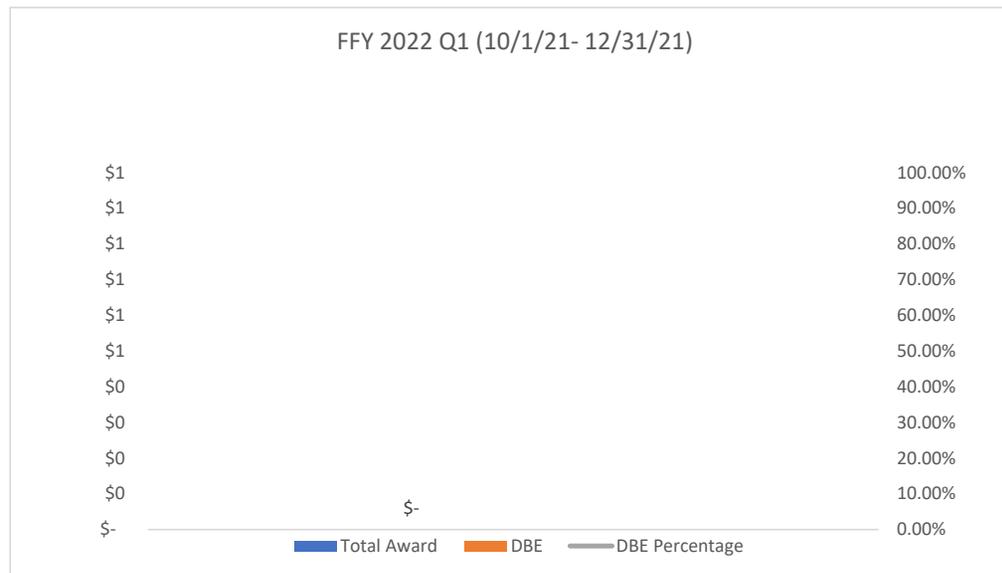
**San Mateo County Transit District**  
**Fiscal Year 2021 Capital Budget - Amendment 1**

<b>Budget Item</b>	<b>Project No.</b>	<b>Description</b>	<b>Current Years Budget</b>	<b>Previous Years Budget</b>	<b>Total Project Budget</b>
<b>Revenue Vehicle Support</b>					
1.1	021502	Major Bus Components (FY18, FY19, FY20 & FY21)	720,700	6,606,636	7,327,336
1.4	100353	Maintenance support equipment	230,800	195,020	425,820
			<b>S/T</b>	<b>951,500</b>	<b>6,801,656</b>
<b>Non-Revenue Vehicle Support</b>					
2.1	100549	Replace Non-Rev Service Support Vehicles	116,500	-	116,500
			<b>S/T</b>	<b>116,500</b>	<b>-</b>
<b>Information Technology</b>					
3.1	100546	Automating Daily Dispatching, Bid, Scheduling & Hastus in the Cloud	1,750,424	-	1,750,424
3.2	100537	ITS PADS signs upgrade project from 3G to 4G Technology	75,000	-	75,000
3.3	100534	Onboard Wi-Fi equipment retrofit for 225 buses	1,572,180	-	1,572,180
3.4	100477	Intranet Solution Replacement	131,000	350,000	481,000
			<b>S/T</b>	<b>3,528,604</b>	<b>350,000</b>
<b>Planning/Development</b>					
4.1	100058	Facilities Smaller Projects	1,430,000	1,110,000	2,540,000
4.2	100547	South Base Switchgear Replacement	1,000,000	-	1,000,000
4.3	100469	North Base Bus Washer Replacement	395,000	540,000	935,000
4.4	100538	North and South Base Front Entrance Modifications	165,000	-	165,000
4.5	100548	North Base 200 Operations Building Replacement	1,000,000	-	1,000,000
4.6	100539	South Base Pico Blvd Property	3,061,918	-	3,061,918
			<b>S/T</b>	<b>7,051,918</b>	<b>1,650,000</b>
<b>Safety and Security</b>					
5.1		Contingency	250,000	-	250,000
			<b>S/T</b>	<b>250,000</b>	<b>-</b>
<b>Total FY2021 Budget</b>			<b>11,898,522</b>	<b>8,801,656</b>	<b>20,700,178</b>

## San Mateo County Transit District Fiscal Year 2022 Capital Budget

Budget Item	Project No.	Description	Current Years Budget	Previous Years Budget	Total Project Budget	
<b>Revenue Vehicle Support</b>						
1.1	021502	Major Bus Components (FY18, FY19, FY20, FY21 & FY22)	311,347	7,327,336	7,638,683	
1.2	100353	Maintenance support equipment	320,226	425,820	746,046	
1.3	100461	Para Transit (Cutaway) Revenue Vehicle Procurement	3,457,280	1,732,640	5,189,920	
1.4	100634	Replacement of (10) 2017 Redi-Wheels Minivans	874,384	-	874,384	
1.5	TBD	Replacement of (135) 2009 Model-Year Gillig Heavy Duty Diesel Buses	29,222,557	-	29,222,557	
			<b>S/T</b>	<b>34,185,794</b>	<b>9,485,796</b>	<b>43,671,590</b>
<b>Information Technology</b>						
3.1	100628	Automatic Passenger Counter (APC) Validation	431,250	-	431,250	
			<b>S/T</b>	<b>431,250</b>	<b>-</b>	<b>431,250</b>
<b>Facilities/Construction</b>						
4.1	100058	Facilities Smaller Projects	920,000	2,540,000	3,460,000	
4.2	100548	North Base 200 Operations Building Replacement	575,000	1,000,000	1,575,000	
4.3	100018	LED Lighting Upgrade, Phase-2 at North Base & South Base Facilities	1,789,832	1,428,000	3,217,832	
4.4	100629	EV Chargers for Non-Revenue Vehicles (6 total)	575,000	-	575,000	
4.5	100630	TAM Maturity and Development Assessment	55,200	-	55,200	
4.6	TBD	Design Phase For Facility Power Infrastructure Upgrade (ZEB Implementation and Deployment)	1,926,250	-	1,926,250	
4.7	100632	Transit Oriented Development (TOD) Project Initiation Funds	92,000	-	92,000	
			<b>S/T</b>	<b>5,933,282</b>	<b>4,968,000</b>	<b>10,901,282</b>
<b>Planning/Development</b>						
5.1		Capital Program and Project Development	250,000	-	250,000	
5.2		Capital Program Management	250,000	-	250,000	
			<b>S/T</b>	<b>500,000</b>	<b>-</b>	<b>500,000</b>
<b>Total FY2022 Budget</b>			<b>41,050,326</b>	<b>14,453,796</b>	<b>55,004,122</b>	

# SamTrans Award



Note: There was no Federal Awards for Q1 FFY 2022 for SamTrans.

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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)
<b>1. SCOPE</b>	<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>
<b>2. BUDGET</b>	<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>
<b>3. SCHEDULE</b>	<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>
<b>4. FUNDING</b>	<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.