

# Capital Program

## Quarterly Status Report and DBE Status Report



**3rd Quarter Fiscal Year 2022  
(January to March 2022)**

Prepared for the June 1, 2022 SamTrans Board Meeting

## Capital Program Budget Status Summary

Programs					
	FY2018	FY2019	FY2020	FY2021	FY2022
1. Revenue Vehicles Replacement	\$5,324	\$1,778	\$3,382	\$952	\$42,955
2. Revenue Vehicle Support	\$0	\$847	\$164	\$116	\$0
3. Information Technology	\$2,878	\$3,100	\$500	\$3,529	\$431
4. Development	\$1,552	\$750	\$250	\$0	\$500
5. Facilities/Construction	\$7,282	\$1,730	\$10,612	\$7,052	\$11,633
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>\$17,286</b>	<b>\$8,405</b>	<b>\$15,308</b>	<b>\$11,899</b>	<b>\$55,519</b>

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

### Active Projects

- 1 Central Building
- 2 Central Building Refresh
- 3 Central Roof Replacement Project
- 4 Design Phase For Facility Power Infrastructure Upgrade (ZEB Implementation and Deployment)
- 5 Express Bus - BEB
- 6 FY2018 Tech Refresh
- 7 LED Lighting Upgrade, Phase-2 at North Base & South Base Facilities
- 8 Maintenance Support Equipment
- 9 North & South Base IW Line to Brake Pit Replacement
- 10 North and South Base Employee Areas
- 11 North and South Base Exterior Painting
- 12 North Base 200 Operations Building Replacement
- 13 North Base Bus Washer Replacement
- 14 Onboard Wi-Fi Equipment Retrofit for 225 Buses
- 15 Procurement of 10 Electric Buses Project
- 16 Replace & Upgrade Servers & Out of Warranty Equipment Project
- 17 South Base Bus Washer Walls Rehab
- 18 South Base Switchgear Replacement
- 19 Upgrade Current District Website
- 20 Wi-Fi at Bases for Video Review Project

**Projects Completed Within the Last Three Years**

- 1 Bus Stop Improvement Program
- 2 Central Office Sanitary Sewer Pump Replacement Project
- 3 Facilities Smaller Projects - FY2012
- 4 Linda Mar Park-n-Ride Lot Repaving Project
- 5 Major Bus Components - FY2012
- 6 Purchase a New Bus Simulator
- 7 Replace Paratransit Vehicles
- 8 Replacement of 55 - 2002 NABI Buses Project
- 9 South Base Natural Gas Line Replacement
- 10 Traffic Signal Priority 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.

### Performance Status Light Summary

Project Number	Title	Schedule		Budget		Funding		Page
		Q2	Q3	Q2	Q3	Q2	Q3	
<b>Vehicle Replacement Projects</b>								
021502	Major Bus Components Project	●	●	●	●	●	●	5
100113	Procurement of 10 Electric Buses Project	●	●	●	●	●	●	7
<b>Information Technology Projects</b>								
021505	Replace & Upgrade Servers & Out of Warranty Equipment	●	●	●	●	●	●	10
100016	Wi-Fi Bases for Video Review	●	●	●	●	●	●	11
100247	FY2018 Tech Refresh	●	●	●	●	●	●	13
100348	Upgrade Current District Website	●	●	●	●	●	●	14
100534	Onboard Wi-Fi Equipment Retrofit for 225 buses	●	●	●	●	●	●	15
<b>Facilities/Construction Projects</b>								
100018	LED Lighting Upgrade, Phase-2 at North Base & South Base Facilities		●		●		●	17
100058	Facility Smaller Projects	●	●	●	●	●	●	18
100252	Central Roof Replacement	●	●	●	●	●	●	19
100353	Maintenance Support Equipment		●		●		●	21
100466	North and South Base Employee Areas		●		●		●	22
100469	North Base Bus Washer Replacement	●	●	●	●	●	●	23
100470	North and South Base IW line to Brake Pit Replacement	●	●	●	●	●	●	25
100472	Central Building		●		●		●	27
100473	Central Building Refresh	●	●	●	●	●	●	28
100474	South Base Bus Washer Walls Rehab	●	●	●	●	●	●	30
100476	North and South Base Exterior Painting	●	●	●	●	●	●	31
100547	South Base Switchgear Replacement	●	●	●	●	●	●	33
100548	North Base 200 Operations Building Replacement		●		●		●	35
100585	Express Bus - BEB		●		●		●	36
100631	Design Phase For Facility Power Infrastructure Upgrade (ZEB Implementation and Deployment)		●		●		●	38

## Vehicle Replacement Projects

**Major Bus Components**

Project No. **021502**

**SCOPE Summary**

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.

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.

**STATUS Summary**

Phase: Procurement

Quarter	Schedule	Budget	Funding
Current	G	G	G
Previous	G	G	G

Budget (\$)	Expended	EAC/Budget
7,327,000	<b>90.9%</b>	100%

Project Manager: David Harbour

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
Start	07/01/15	07/01/15	0
Finish	06/01/22	06/01/22	0

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)			E	(F=C-D)	
Totals	7,327	0	7,327	6,717	7,327	0	166	6,661	90.9%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)		
General Capital Fund	Local	5,993	0	5,993	5,993	0
FY19 STA-State of Good Repair	State	1,230	0	1,230	1,230	0
<b>Totals</b>		<b>7,223</b>	<b>0</b>	<b>7,223</b>	<b>7,223</b>	<b>0</b>

**ISSUES (in order of priority)**

Issue Title	Status
None	

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**Major Bus Components**

Project No. **021502**

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**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

1. Major bus components and replacement parts were purchased this quarter.

**NEXT KEY ACTIVITIES (top 5)**

1. Continue to purchase major bus components and replacement parts, as needed.

**PROJECT NOTES**

None.

**Procurement of 10 Electric Buses**

Project No. **100113**

**SCOPE Summary**

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.

**STATUS Summary**

Phase: Procurement

Quarter	Schedule	Budget	Funding
Current	R	G	G
Previous	R	G	G
Budget (\$)		Expended	EAC/Budget
10,926,668		<b>29.8%</b>	100%

Project Manager: David Harbour

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
Contract Option, Award & Pre-Production Finish	10/31/18	08/31/18	61
Acceptance/In Service Finish	08/31/20	03/31/22	-577
Production/Inspection/Delivery Finish	02/28/20	03/31/22	-762
Contract Close Out	11/30/20	06/01/22	-548

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)			E	(F=C-D)	
Totals	10,926	0	10,926	3,257	10,926	0	0	3,257	29.8%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)	(D)	(E=C-D)
General Capital Fund	Local	7	0	7	7	0
Sec 5307 Grant CA-2017-16	Federal	4,939	0	4,939	4,939	0
FTA 1671-2016-8	Federal	1,976	0	1,976	1,976	0
FY18 STA - SOGR (SB1)	State	568	0	568	568	0
Prop 1B PTMISEA FY14	State	631	0	631	631	0
LCTOP - FY16, FY17 Electric Buses	State	1,259	0	1,259	1,259	0
EVSE Voucher from HVIP	State	300	0	300	300	0
FY17 AB664	Local	106	0	106	106	0
<b>Totals</b>		<b>9,785</b>	<b>0</b>	<b>9,785</b>	<b>9,785</b>	<b>0</b>



**Procurement of 10 Electric Buses**

Project No. **100113**

**ISSUES** (in order of priority)

Issue Title	Status
Technical issues with buses	Samtrans continued to work with Legal.

**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

1. SamTrans’ Executive Team continues working with legal to mitigate the continuing issues and problems with the two remaining Proterra BEB’s (Lot-1).
2. Samtrans to continue negotiations with Proterra.

**NEXT KEY ACTIVITIES (top 5)**

1. SamTrans’ Executive Team continues working with legal to mitigate the continuing issues and problems with the two remaining Proterra BEB’s (Lot-1).
2. Samtrans to continue negotiations with Proterra.

**PROJECT NOTES**

1. Legal is working with the vendor to resolve technical issues with the buses.
2. This will be the last report for this project. Additional electric buses will be purchased under Project#100585.

## Information Technology Projects

**Replace & Upgrade Servers & Out of Warranty Equipment Project**

Project No. **021505**

**SCOPE Summary**

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.

**STATUS Summary**

Phase: Procurement

Quarter	Schedule	Budget	Funding
Current	G	G	G
Previous	G	G	G
Budget (\$)		Expended	EAC/Budget
7,079,000		<b>73.8%</b>	100%

Project Manager: Edward Kelly

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
Start	07/01/14	07/01/14	0
Finish	12/31/22	12/31/22	0

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)					
Totals	7,079	0	7,079	6,084	7,079	0	323	5,227	73.8%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)		
General Capital Fund	Local	7,079	0	7,079	7,069	10
<b>Totals</b>		<b>7,079</b>	<b>0</b>	<b>7,079</b>	<b>7,069</b>	<b>10</b>

**ISSUES (in order of priority)**

Issue Title	Status
None.	NA

**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

1. Continued replacement of District’s IT equipment on an as needed basis.

**NEXT KEY ACTIVITIES (top 5)**

1. Continue replacement of District’s IT equipment on an as needed basis.

**PROJECT NOTES**

None.

**Wi-Fi at Bases for Video Review**

Project No. **100016**

**SCOPE Summary**

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.

**STATUS Summary**

Phase: Procurement

Quarter	Schedule	Budget	Funding
Current	R	G	G
Previous	R	G	G
Budget (\$)		Expended	EAC/Budget
690,499		<b>86.9%</b>	100%

Project Manager: Karambir Cheema

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
Start	03/26/18	03/26/18	0
Finish	06/30/20	12/31/22	-914

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)			E	(F=C-D)	
Totals	690	0	690	600	690	0	1	600	86.9%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)		
General Capital Fund	Local	690	0	690	690	0
<b>Totals</b>		<b>690</b>	<b>0</b>	<b>690</b>	<b>690</b>	<b>0</b>

**Wi-Fi at Bases for Video Review**

Project No. **100016**

**ISSUES** (in order of priority)

Issue Title	Status
Project Schedule Delay	PM extended the finish date to fund any procurements required to complete this project.

**KEY ACTIVITIES - Current Reporting Quarter** (top 5)

1. IT conducted site surveys at Brewster and Cub.
2. Completed CUB site survey.
3. Ordered network equipment.

**NEXT KEY ACTIVITIES** (top 5)

1. Receive network equipment.
2. Identify wiring requirements for CUB and Brewster.
3. Obtain quotes from 3 different wiring vendors.
4. Schedule wiring installation.
5. Configure, test, and implement network equipment.
6. Mount, connect and test Access Points.

**PROJECT NOTES**

1. Project completion is now estimated at December 31, 2022. PM is extending the forecasted finish date to fund any procurements required to complete this project.

**FY2018 Tech Refresh**

Project No. **100247**

**SCOPE Summary**

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.

**STATUS Summary**

Phase: Procurement

Quarter	Schedule	Budget	Funding
Current	G	G	G
Previous	G	G	G
Budget (\$)		Expended	EAC/Budget
1,303,476		<b>66.3%</b>	100%

Project Manager: Edward Kelly

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
Start	07/01/18	07/01/18	0
Finish	12/31/22	12/31/22	0

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)					
Totals	1,303	0	1,303	890	1,303	0	47	864	66.3%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)		
General Capital Fund	Local	1,303	0	1,303	1,303	0
<b>Totals</b>		<b>1,303</b>	<b>0</b>	<b>1,303</b>	<b>1,303</b>	<b>0</b>

**ISSUES (in order of priority)**

Issue Title	Status
None.	NA

**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

1. Continued replacement of District’s IT equipment on an as needed basis.

**NEXT KEY ACTIVITIES (top 5)**

1. Continue replacement of District’s IT equipment on an as needed basis.

**PROJECT NOTES**

None.

**Upgrade Current District Website**

Project No. **100348**

**SCOPE Summary**

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.

**STATUS Summary**

Phase: Implementation

Quarter	Schedule	Budget	Funding
Current	R	G	G
Previous	R	G	G
Budget (\$)		Expended	EAC/Budget
950,000		<b>98.4%</b>	65%

Project Manager: Jeremy Lipps

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
NTP	06/01/19	06/01/19	0
Construction Completion	03/31/21	04/30/22	-395

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)			E	(F=C-D)	
Totals	600	350	950	696	620	330	31	610	98.4%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)	(D)	(E=C-D)
General Capital Fund	Local	600	350	950	950	0
<b>Totals</b>		<b>600</b>	<b>350</b>	<b>950</b>	<b>950</b>	<b>0</b>

**ISSUES (in order of priority)**

Issue Title	Status
Overlapping two contracts with the same vendor	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.

**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

1. The contract was negotiated with Contracts and Procurement.
2. Created and reviewed the website content.
3. Held meeting with departments, vendors, and stakeholders.

**NEXT KEY ACTIVITIES (top 5)**

1. Launch the website to public.

**PROJECT NOTES**

None

**Onboard Wi-Fi equipment retrofit for 225 buses**

Project No. **100534**

**SCOPE Summary**

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.

**STATUS Summary**

Phase: **Implementation**

Quarter	Schedule	Budget	Funding
Current	R	G	G
Previous	R	G	G
Budget (\$)		Expended	EAC/Budget
1,766,000		<b>68.7%</b>	100%

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
Project Start	09/09/20	09/09/20	0
Project Completion	06/30/21	05/31/22	<b>-335</b>

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion E	Variation (F=C-D)	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)					
Totals	1,766	0	1,766	1,212	1,766	0	3	1,213	68.7%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding (D)	Un-activated Amount (E=C-D)
		Original (A)	Changes (B)	Current (C=A+B)		
General Capital Fund	Local	267		267	267	0
FY21 STA -SOGR	State	1,766		1,766	1,766	0
<b>Totals</b>		<b>2,033</b>	<b>0</b>	<b>2,033</b>	<b>2,033</b>	<b>0</b>

**ISSUES (in order of priority)**

Issue Title	Status
Interface with CVAD/AVL configuration	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 May 2022.

**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

1. Routers installation were completed.

**NEXT KEY ACTIVITIES (top 5)**

1. Inspect, configure and test the routers for connectivity and uploading data to the central server.

**PROJECT NOTES**

None



## Facilities / Construction Projects

**LED Lighting Upgrade, Phase-2 at North Base & South Base Facilities**

Project No. **100018**

**SCOPE Summary**

Phase 2 of 2: Replacing lighting fixtures in favor of more energy efficient, environmentally friendlier LED lights. Phase One budget approved FY2016 for shops, building perimeters, bus parking areas. Phase Two extends lighting upgrades for interior lighting, related controls at District's North Base and South Base Facilities. Design work-cost estimates for Phase Two fully completed.

**STATUS Summary**

Phase: Procurement

Quarter	Schedule	Budget	Funding
Current	G	G	G
Previous	NA	NA	NA

Budget (\$)	Expended	EAC/Budget
3,218,000	<b>27.1%</b>	100%

Project Manager: Greg Moyer

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
TBD			

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)			E	(F=C-D)	
Totals	3,218	0	3,218	923	3,218	0	0	871	27.1%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)	(D)	(E=C-D)
General Capital Fund	Local	1,463	0	1,463	1,463	0
SOGR FY20	State	1,754	0	1,754	1,754	
<b>Totals</b>		<b>3,217</b>	<b>0</b>	<b>3,217</b>	<b>3,217</b>	<b>0</b>

**ISSUES (in order of priority)**

Issue Title	Status

**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

TBD.

**NEXT KEY ACTIVITIES (top 5)**

TBD.

**PROJECT NOTES**

This is the first quarterly report for this project. Any missing information will be added in the next report.

**Facility Smaller Projects**

Project No. **100058**

**SCOPE Summary**

This project will maintain a state of good repair (SOG) 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.

**STATUS Summary**

Phase: Procurement

Quarter	Schedule	Budget	Funding
Current	G	G	G
Previous	G	G	G

Budget (\$)	Expended	EAC/Budget
2,642,000	<b>88.2%</b>	100%

Project Manager: Greg Moyer

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
Start	07/01/19	07/01/19	0
Finish	06/30/22	06/30/22	0

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)			E	(F=C-D)	
Totals	2,642	0	2,642	2,545	2,642	0	298	2,331	88.2%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)		
General Capital Fund	Local	2,642	0	2,642	2,642	0
<b>Totals</b>		<b>2,642</b>	<b>0</b>	<b>2,642</b>	<b>2,642</b>	<b>0</b>

**ISSUES (in order of priority)**

Issue Title	Status
None	

**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

1. Performed maintenance or repairs work, as needed.

**NEXT KEY ACTIVITIES (top 5)**

1. Continue with maintenance and repairs work, as needed.

**PROJECT NOTES**

None.

**Central Roof Replacement**

Project No. **100252**

**SCOPE Summary**

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.

**STATUS Summary**

Phase: Design

Quarter	Schedule	Budget	Funding
Current	Y	G	G
Previous	G	G	G
Budget (\$)		Expended	EAC/Budget
1,275,000		<b>1.1%</b>	100%

Project Manager: Greg Moyer

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
Start	09/01/19	09/01/19	0
Design	04/30/22	08/31/22	-123
Procurement	10/31/22	02/28/23	-120
Construction	11/30/23	11/30/23	0
Closing	01/31/24	01/31/24	0

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)			E	(F=C-D)	
Totals	1,275	0	1,275	14	1,275	0	0	14	1.1%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)	(D)	(E=C-D)
General Capital Fund	Local	1,275	0	1,275	1,275	0
<b>Totals</b>		<b>1,275</b>	<b>0</b>	<b>1,275</b>	<b>1,275</b>	<b>0</b>

**Central Roof Replacement**

Project No. **100252**

**ISSUES** (in order of priority)

Issue Title	Status
Facilities Understaffed	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.

**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

1. District’s GEC/Design consultant conducting outreach to specialty firms.

**NEXT KEY ACTIVITIES (top 5)**

1. GEC/Design consultant engages preliminary plans/schedules with specialty firms.

**PROJECT NOTES**

None.

**Maintenance Support Equipment**

Project No. **100353**

**SCOPE Summary**

Equipment used to support day-to-day shop activities.

**STATUS Summary**

Phase: Procurement

Quarter	Schedule	Budget	Funding
Current	G	G	G
Previous	NA	NA	NA

Budget (\$)	Expended	EAC/Budget
746,000	<b>36.5%</b>	100%

Project Manager: David Harbour

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
Start	07/01/19	07/01/19	0
Finish	12/31/22	12/31/22	0

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)					
Totals	746	0	746	434	746	0	272	272	36.5%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)		
General Capital Fund	Local	746	0	746	746	0
<b>Totals</b>		<b>746</b>	<b>0</b>	<b>746</b>	<b>746</b>	<b>0</b>

**ISSUES (in order of priority)**

Issue Title	Status

**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

TBD.

**NEXT KEY ACTIVITIES (top 5)**

TBD.

**PROJECT NOTES**

This is the first quarterly report for this project. Any missing information will be added in the next report.

**North and South Base Employee Areas**

Project No. **100466**

**SCOPE Summary**

Remodel and update the Maintenance Employees and Operations Areas in North and South Base.

**STATUS Summary**

Phase: Procurement

Quarter	Schedule	Budget	Funding
Current	G	G	G
Previous	NA	NA	NA

Budget (\$)	Expended	EAC/Budget
520,000	<b>2.1%</b>	100%

Project Manager: David Harbour

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
TBD			

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)			E	(F=C-D)	
Totals	520	0	520	11	520	0	11	11	2.1%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)		
General Capital Fund	Local	520	0	520	520	0
<b>Totals</b>		<b>520</b>	<b>0</b>	<b>520</b>	<b>520</b>	<b>0</b>

**ISSUES (in order of priority)**

Issue Title	Status

**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

TBD.

**NEXT KEY ACTIVITIES (top 5)**

TBD.

**PROJECT NOTES**

This is the first quarterly report for this project. Any missing information will be added in the next report.

**North Base Bus Washer Replacement**

Project No. **100469**

**SCOPE Summary**

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.

**STATUS Summary**

Phase: Construction

Quarter	Schedule	Budget	Funding
Current	R	G	G
Previous	R	G	G
Budget (\$)		Expended	EAC/Budget
935,000		<b>7.3%</b>	100%

Project Manager: Thomas Jeffrey

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
NTP	01/01/20	01/01/20	0
Construction Completion	12/31/21	10/31/22	<b>-304</b>

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)					
Totals	935	0	935	68	935	0	23	68	7.3%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)	(D)	(E=C-D)
General Capital Fund	Local	395		395	395	0
SOG FY20	State	540		540	540	0
<b>Totals</b>		<b>935</b>	<b>0</b>	<b>935</b>	<b>935</b>	<b>0</b>

**ISSUES (in order of priority)**

Issue Title	Status
Revised the staffing/resources plan	Facilities has revised the staffing/resources plan for phased completion by Oct 2022.



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**North Base Bus Washer Replacement**

Project No. **100469**

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**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

1. Staff made a review of all bid submittals and conducted reference checks.
2. District Board awarded the construction contract to NS Corporation on 2/3/2022.

**NEXT KEY ACTIVITIES (top 5)**

1. Staff will complete contract execution and hold a kickoff meeting to plan/coordinate actual construction.

**PROJECT NOTES**

None

**North & South Base IW Line to Brake Pit Replacement**

Project No. **100470**

**SCOPE Summary**

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.

**STATUS Summary**

Phase: Closing

Quarter	Schedule	Budget	Funding
Current	G	G	G
Previous	G	G	G
Budget (\$)		Expended	EAC/Budget
780,000		<b>83.8%</b>	100%

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
C&P IFB Issued	08/06/20	08/06/20	0
C&P Pre-Bid Meeting	08/13/20	08/13/20	0
C&P Pre-Bid Site Walk	08/13/20	08/13/20	0
Submit Answers to Bidder Questions	08/27/20	08/27/20	0
Bids Due	09/17/20	09/17/20	0
Notice of Award	11/04/20	11/04/20	0
Notice to Proceed	12/01/20	12/01/20	0
Contract Completion	03/31/21	05/31/21	-61
Project Closed	07/31/21	02/04/22	-188

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)			E	(F=C-D)	
Totals	780	0	780	686	780	0	23	654	83.8%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)	(D)	(E=C-D)
General Capital Fund	Local	780	23	803	803	0
<b>Totals</b>		<b>780</b>	<b>23</b>	<b>803</b>	<b>803</b>	<b>0</b>

**ISSUES (in order of priority)**

Issue Title	Status
None	

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**North & South Base IW Line to Brake Pit Replacement**

Project No. **100470**

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**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

1. Notice of Completion was filed with the County Recorder's Office on 12/20/2021.
1. District staff have closed/liquidated applicable contracts and sent contract document into retention.

**NEXT KEY ACTIVITIES (top 5)**

**This will be the last report for the project.**

**PROJECT NOTES**

None

**Central Building**

Project No. **100472**

**SCOPE Summary**

Consultant support to assist in possible development options, including possible public private partnerships, for the Central Administration Building.

**STATUS Summary**

Phase: Execution

Quarter	Schedule	Budget	Funding
Current	G	G	G
Previous	NA	NA	NA

Budget (\$)	Expended	EAC/Budget
750,000	<b>38.4%</b>	100%

Project Manager: Brian Fitzpatrick

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
TBD			

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)			E	(F=C-D)	
Totals	750	0	750	614	750	0	0	288	38.4%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)	(D)	(E=C-D)
General Capital Fund	Local	750	0	750	750	0
<b>Totals</b>		<b>750</b>	<b>0</b>	<b>750</b>	<b>750</b>	<b>0</b>

**ISSUES (in order of priority)**

Issue Title	Status

**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

TBD.

**NEXT KEY ACTIVITIES (top 5)**

TBD.

**PROJECT NOTES**

This is the first quarterly report for this project. Any missing information will be added in the next report.

**Central Building Refresh**

Project No. **100473**

**SCOPE Summary**

This project is for Central Building improvements. It includes 20+ building improvements for Central Office and Garage.

**STATUS Summary**

Phase: Design

Quarter	Schedule	Budget	Funding
Current	Y	G	G
Previous	Y	G	G
Budget (\$)		Expended	EAC/Budget
1,849,000		<b>24.9%</b>	100%

Project Manager: Greg Moyer

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
Start	07/01/20	07/01/20	0
Design	02/28/22	06/30/22	-122
Procurement	08/31/22	01/31/23	-153
Construction	03/31/24	05/31/24	-61
Closing	06/30/24	08/31/24	-62

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)			E	(F=C-D)	
Totals	1,849	0	1,849	545	1,849	0	0	461	24.9%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)	(D)	(E=C-D)
General Capital Fund	Local	1,849	0	1,849	1,849	0
<b>Totals</b>		<b>1,849</b>	<b>0</b>	<b>1,849</b>	<b>1,849</b>	<b>0</b>

**ISSUES (in order of priority)**

Issue Title	Status
Facilities Understaffed	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.

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**Central Building Refresh**

Project No. **100473**

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**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

1. GEC/Design consultant continues design criteria, delivery method and phased construction with specialty consultant.

**NEXT KEY ACTIVITIES (top 5)**

1. GEC/Design consultant to develop plans, specifications and estimates with District's review.

**PROJECT NOTES**

None.

**South Base Bus Washer Walls Rehab**

Project No. **100474**

**SCOPE Summary**

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

**STATUS Summary**

Phase: Final Design

Quarter	Schedule	Budget	Funding
Current	R	G	G
Previous	R	G	G
Budget (\$)		Expended	EAC/Budget
350,000		5.1%	100%

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
NTP	08/01/20	10/01/20	-61
Final Design	07/31/21	04/30/22	-273
C&P Bids	12/31/21	11/30/22	-334
Construction Completion	05/31/22	03/31/23	-304
Project Closed	06/30/22	06/30/23	-365

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)					
Totals	350	0	350	18	350	0	3	18	5.1%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)		
General Capital Fund	Local	50		50	50	0
SOGR FY20	State	300		300	300	0
<b>Totals</b>		<b>350</b>	<b>0</b>	<b>350</b>	<b>350</b>	<b>0</b>

**ISSUES (in order of priority)**

Issue Title	Status
Staff shortage	Project staff was short/vacant through 2019-2020; Project was deferred during this time.

**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

1. Design work by consultant continued.
2. District staff participated in design changes.

**NEXT KEY ACTIVITIES (top 5)**

1. Consultant to resolve outstanding issues and deliver plans, specifications and estimates.

**PROJECT NOTES**

None

North and South Base Exterior Painting

Project No. 100476

SCOPE Summary

This project is to paint exterior portions of North and South Bases.

STATUS Summary

Phase: Planning

Quarter	Schedule	Budget	Funding
Current	G	G	G
Previous	G	G	G

Budget (\$)	Expended	EAC/Budget
1,140,000	0.2%	100%

Project Manager: Greg Moyer

MILESTONE SCHEDULE

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
Start	03/01/21	03/01/21	0
Preliminary Plans	04/30/21	04/30/21	0
Final Plans	02/28/22	02/28/22	0
Procurement	09/30/22	09/30/22	0
Construction (Painting in phases 2 -3 years)	10/31/23	10/31/23	0
Closing	01/31/24	01/31/24	0

PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)			E	(F=C-D)	
Totals	1,140	0	1,140	2	1,140	0	0	2	0.2%

FUNDING (in thousands of \$)

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)	(D)	(E=C-D)
Measure W Sales Tax - Capital	Local	1,140	0	1,140	1,140	0
<b>Totals</b>		<b>1,140</b>	<b>0</b>	<b>1,140</b>	<b>1,140</b>	<b>0</b>

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ISSUES (in order of priority)

Issue Title	Status



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**North and South Base Exterior Painting**

Project No. **100476**

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**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

1. Plans, work phases and site measurements continue.

**NEXT KEY ACTIVITIES (top 5)**

1. Finalize bid documents for Procurement in advance of public bidding.

**PROJECT NOTES**

None.

**South Base Switchgear Replacement**

Project No. **100547**

**SCOPE Summary**

South Base switchgear replacement.

**STATUS Summary**

Phase: Planning

Quarter	Schedule	Budget	Funding
Current	Y	G	G
Previous	G	G	G
Budget (\$)		Expended	EAC/Budget
6,700,000		<b>2.0%</b>	100%

Project Manager: Greg Moyer

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
Start	10/01/19	10/01/19	0
Preliminary Plans	09/30/20	09/30/20	0
Final Plans	03/31/22	04/30/22	-30
Procurement	09/30/22	11/30/22	-61
Construction	09/30/23	09/30/23	0
Closing	12/31/23	12/31/23	0

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)			E	(F=C-D)	
Totals	1,000	5,700	6,700	213	6,700	0	105	131	2.0%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)	(D)	(E=C-D)
Measure W Sales Tax - Capital	Local	1,000	5,700	6,700	1,000	5,700
<b>Totals</b>		<b>1,000</b>	<b>5,700</b>	<b>6,700</b>	<b>1,000</b>	<b>5,700</b>

**ISSUES (in order of priority)**

Issue Title	Status

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**South Base Switchgear Replacement**

Project No. **100547**

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**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

1. District's design consultant continues planning with review/input by District staff and PG&E.
2. PG&E identified site layout changes that require design rework but expedite subsequent construction.
3. Project Team has discussed forthcoming bid solicitation and procurement cycle with C&P.

**NEXT KEY ACTIVITIES (top 5)**

1. Design consultant incorporates recent changes and provides final construction documents.
2. Project Team to provide final construction documents to C&P for public bidding.

**PROJECT NOTES**

None.

**North Base 200 Operations Building Replacement**

Project No. **100548**

**SCOPE Summary**

Engineering/geo-tech studies and final design/construction documents for North Base Building 200 Replacement.

**STATUS Summary**

Phase: Planning

Quarter	Schedule	Budget	Funding
Current	G	G	G
Previous	NA	NA	NA

Budget (\$)	Expended	EAC/Budget
1,575,000	<b>0.0%</b>	100%

Project Manager: Greg Moyer

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
TBD			

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)			E	(F=C-D)	
Totals	1,575	0	1,575	0	1,575	0	0	0	0.0%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)		
General Capital Fund	Local	575	0	575	575	0
Measure W Sales Tax - Capital	Local	1,000	0	1,000	1,000	0
<b>Totals</b>		<b>1,575</b>	<b>0</b>	<b>1,575</b>	<b>1,575</b>	<b>0</b>

**ISSUES (in order of priority)**

Issue Title	Status

**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

TBD.

**NEXT KEY ACTIVITIES (top 5)**

TBD.

**PROJECT NOTES**

This is the first quarterly report for this project. Any missing information will be added in the next report.

**Express Bus - BEB**

Project No. **100585**

**SCOPE Summary**

To purchase 7 battery electric heavy-duty, low-floor, 40-foot buses (BEBs) that will be used for the Express Bus Pilot Program and 10 battery electric buses will be replacing the ten 2003 Gillig that were scheduled for replacements with the initial 10 pilot battery electric buses.

**STATUS Summary**

Phase: Procurement

Quarter	Schedule	Budget	Funding
Current	G	G	G
Previous	NA	NA	NA

Budget (\$)	Expended	EAC/Budget
25,338,000	<b>0.1%</b>	100%

Project Manager: David Harbour

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
TBD			

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)			E	(F=C-D)	
Totals	25,338	0	25,338	19,905	25,338	0	0	16	0.1%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)	(D)	(E=C-D)
Measure W Sales Tax - Capital	Local	4,865	0	4,865	4,865	0
Sec 5307 Grant CA-2017-16	Federal	3,679	0	3,679	3,679	0
FTA 1671-2016-8	Federal	1,630		1,630	1,630	0
FY18 STA - SOGR (SB1)	State	568		568	568	0
Prop 1B PTMISEA FY11 SAMTR	State	629		629	629	0
LCTOP - FY16 Electric Buses	State	950		950	950	0
LCTOP - FY17 Electric Buses	State	309		309	309	0
LCTOP - FY18 Express Bus Pilot	State	1,133		1,133	1,133	0
LCTOP - FY19 Express Bus Pilot	State	1,717		1,717	1,717	0
FY20 LCTOP Program	State	1,703		1,703	1,703	0
SB1 LLP - Express Bus Project	State	2,000		2,000	2,000	0
AHSC - Express Bus Project	Local	2,250		2,250	2,250	0
TBD	Local	3,904		3,904		3,904
<b>Totals</b>		<b>25,338</b>	<b>0</b>	<b>25,338</b>	<b>21,434</b>	<b>3,904</b>

**Express Bus - BEB**

Project No. **100585**

**ISSUES** (in order of priority)

Issue Title	Status

**KEY ACTIVITIES - Current Reporting Quarter** (top 5)

TBD.

**NEXT KEY ACTIVITIES** (top 5)

TBD.

**PROJECT NOTES**

This is the first quarterly report for this project. Any missing information will be added in the next report.

**Design Phase For Facility Power Infrastructure Upgrade (ZEB Implementation and Deployment)**

Project No. **100631**

**SCOPE Summary**

This FY22 Budget Request will provide comprehensive site analysis/design work to plan detailed construction documents for subsequent bidding. Construction of power infrastructure in phases to coincide w/bus deliveries through 2038; the front-end design must anticipate for system-wide new power feeds (PG&E substation), master control panels, smart energy management, excavation, cabling for power distribution, concrete islands for charging units, overhead canopies for final power delivery and panels for solar collection.

The FY22 Budget requests reflects the Design Phase only. Total estimated Project reflects design and construction for the overall eBus Infrastructure Upgrade plus asphalt replaced with engineered concrete for South Base (critical for the Master Infrastructure).

**STATUS Summary**

Phase: Procurement

Quarter	Schedule	Budget	Funding
Current	G	G	G
Previous	NA	NA	NA
Budget (\$)		Expended	EAC/Budget
1,926,000		<b>18.3%</b>	100%

Project Manager: Greg Moyer

**MILESTONE SCHEDULE**

Milestones	Baseline Completion	Est. or Act. Completion	Variation (days)
	(A)	(B)	(C=A-B)
TBD			

**PROJECT BUDGET / ESTIMATE AT COMPLETION / COSTS (in thousands of \$)**

	Budget				Estimate at Completion	Variation	Expended + Accruals		
	Original	Changes	Current	Committed			Period	To date	%EAC Exp.
	(A)	(B)	(C=A+B)	(D)			E	(F=C-D)	
Totals	1,926	0	1,926	1,432	1,926	0	352	352	18.3%

**FUNDING (in thousands of \$)**

Fund Source	Type	Board Approved			Activated Funding	Un-activated Amount
		Original	Changes	Current		
		(A)	(B)	(C=A+B)	(D)	(E=C-D)
Measure W Sales Tax - Capital	Local	1,926	0	1,926	1,926	0
<b>Totals</b>		<b>1,926</b>	<b>0</b>	<b>1,926</b>	<b>1,926</b>	<b>0</b>

**ISSUES (in order of priority)**

Issue Title	Status

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**Design Phase For Facility Power Infrastructure Upgrade (ZEB Implementation and Deployment)**

Project No. **100631**

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**KEY ACTIVITIES - Current Reporting Quarter (top 5)**

TBD.

**NEXT KEY ACTIVITIES (top 5)**

TBD.

**PROJECT NOTES**

This is the first quarterly report for this project. Any missing information will be added in the next report.



## Appendices

## Appendix A - Fiscal Year Capital Budgets

# Fiscal Year Capital Budgets

## 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	Spear 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 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 250,000</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>

## Fiscal Year 2021 Capital Budget - Amendment 1

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)	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>116,500</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>3,878,604</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>250,000</b>
			<b>Total FY2021 Budget</b>	<b>11,898,522</b>	<b>8,801,656</b>
					<b>20,700,178</b>

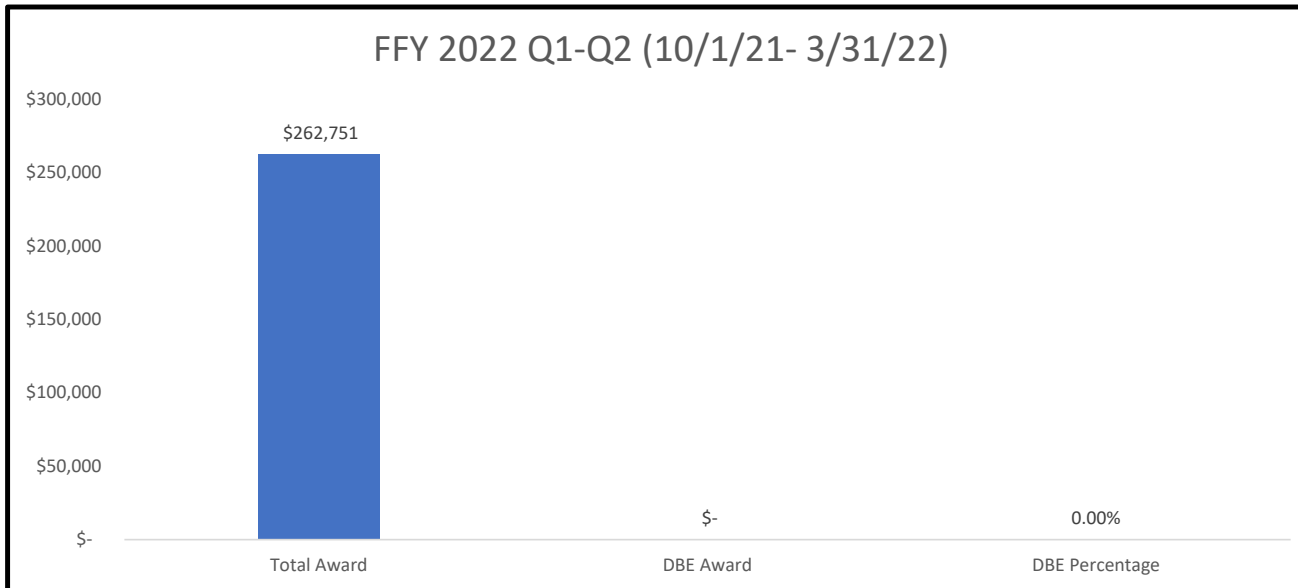
## Fiscal Year 2022 Capital Budget - Amendment 2

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	100633	Para Transit (Cutaway) Revenue Vehicle Procurement	3,457,280	-	3,457,280
1.4	100634	Replacement of (10) 2017 Redi-Wheels Minivans	874,384	-	874,384
1.5	100635	Replacement of (135) 2009 Model-Year Gillig Heavy Duty Diesel Buses	29,222,557	-	29,222,557
1.6	100113	Electric Bus Procurement	(7,765,806)	10,926,668	3,160,862
1.7	100585	Express Bus - BEB	16,535,180	8,802,841	25,338,021
			<b>S/T</b>	<b>42,955,168</b>	<b>27,482,665</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>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	100631	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
4.8	100547	South Base Switchgear Replacement	5,700,000	1,000,000	6,700,000
			<b>S/T</b>	<b>11,633,282</b>	<b>5,968,000</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>Total FY2022 Budget</b>			<b>55,519,700</b>	<b>33,450,665</b>	<b>88,470,365</b>

## Appendix B - Disadvantaged Business Enterprise (DBE)

### Disadvantaged Business Enterprise (DBE)

# SamTrans Award



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



## Appendix C - Project Performance Status Light Criteria

Status Light	Event Trigger	Range & Limits	Light
<b>Budget</b> <sup>(1)</sup>	(a) Change in Approved Budget	Increased $\geq 10\%$ or $\geq \$2M$	<b>Red</b>
		Increased ( $\geq 3\%$ and $< 10\%$ ) or ( $\geq \$60K$ and $< \$2M$ )	<b>Yellow</b>
		Decreased any amount or remained the same	<b>Green</b>
	(b) Estimate At Completion (EAC) not equal to Approved Budget	EAC > Approved Budget by 10% or more; or \$2M or more	<b>Red</b>
		EAC > Approved Budget by $\geq 5\%$ and $< 10\%$ , or $\geq \$100K$ and $< \$2M$	<b>Yellow</b>
		EAC $\leq$ budget	<b>Green</b>
<b>Schedule</b> <sup>(2)</sup>	(a) Major Milestone not equal to corresponding Baseline dates	M. Milestones > Baseline 180 days or more	<b>Red</b>
		M. Milestones > Baseline 31 to 179 days	<b>Yellow</b>
		M. Milestones $\leq$ Baseline, or M. Milestones > Baseline 30 days or less	<b>Green</b>
<b>Funding</b> <sup>(1)</sup>	(a) EAC not equal to Activated Funds	Activated Funds < EAC and cannot cover Projected Costs for the next 180 days	<b>Red</b>
		Activated Funds < EAC but can cover Projected Costs at least 180 days	<b>Yellow</b>
		EAC $\leq$ Activated Funds	<b>Green</b>
	(b) EAC not equal to Total Approved Funds	EAC > Total Approved Funds	<b>Red</b>
		EAC $\leq$ Total Approved Funds	<b>Green</b>

### Notes:

1. If more than one event is triggered, the worst performing light will be shown.
2. Light color is based on the worst performing pending milestone (completed milestones are not considered).

## Appendix D - Definition of Terms

### **Δ Prev**

Change from previous period.

### **Accruals**

An estimated or known cost for the work performed, equipment, or materials received, through the current reporting period that hasn't been recorded in the financial system as expended.

### **Activated Funding (in Funding)**

The portion of the total approved project funding that is available and ready to be expended. See Un-activated Amount and Board Approved.

### **Allocated Contingency**

Portion of the project contingency budget allocated to contracts or specific types of work for identified project risks. See Contingency and Unallocated Contingency.

### **Baseline**

The currently approved plan that includes the project scope, budget and schedule. Performance indicators are calculated by comparing the current progress against the planned progress according to the baseline.

### **Baseline Completion (in Milestone Schedule)**

The milestone planned date of completion in the currently assigned project baseline.

### **Board Approved (in Funding)**

The funding approved by the Board for the completion of the project. It includes approved current and previous years capital budgets and capital budget amendments.

### **Board Authorized (in Major Contracts)**

The budget amount approved by the Board of Directors for a particular contract. Includes contingency.

### **Budget Changes (in Project Budget/Estimate at Completion)**

Changes to the original budget that have been approved by management through the change management process.

### **Budget Original (in Project Budget/Estimate at Completion)**

The budget approved in the first or original project baseline.

### **Committed**

The amount of authorized contracts, P.O.s, agreements, settlements, or other instruments that obligate the District to expend project funds.

### **Completion (in Milestone Schedule)**

The current estimated or actual date of completion for a milestone.

### **Contingency**

An estimated amount based on the uncertainty and risk to cover unforeseen events during the course of the project. See Unallocated and Allocated Contingency.

### **Contract Change Orders (CCOs)**

Contract budget changes approved through the change management process.

### **CPI (Cost Performance Index)**

A measure of the financial effectiveness and efficiency of a project. It represents the amount of completed work for every unit of cost spent. As a ratio it is calculated by dividing the budgeted cost of work completed, or Earned Value (EV), by the Actual Cost (AC) of the work performed.

### **Current Contract Amount**

This is the original contract amount plus any approved Contract Change Orders (CCOs). The current contract amount is the approved obligation to the construction contractor. Does not include any contingency approved for the contract.

**EAC (Estimate at Completion)**

The estimated final cost of the project, or a particular type of work, based on actual expenses to date and estimated expenses of remaining work.

**EAC/Budget (in Status Summary)**

The percent of the Estimate at Completion covered by the current project budget.

**Earned Value (EV)**

The physical work accomplished in terms of the cost estimates for activities fully or partially completed at the end of a reporting period.

**Earned Value Progress (in Status Summary)**

The Earned Value of completed works expressed as a percentage of the project's current budget without contingency. See Earned Value.

**Executed CCOs (Executed Contract Change Orders)**

The portion of a contract's contingency budget used in executed (approved) Contract Change Orders.

**Executed Changes**

The portion of the project's contingency budget used in executed (approved) Change Orders. Includes Executed CCOs.

**Expended + Accruals**

The project or contract costs that have been recorded in the financial system plus the accrual cost for the work performed through the current period. See Accruals.

**High Likelihood Risks (in Contingency)**

Project risks that have a high likelihood to result in changes.

**In-Process CCOs (In-Process Contract Change Orders)**

Contract Change Orders pending approval.

**In-Process Changes**

Project Change Orders pending approval. Includes CCOs.

**Interfaces**

Refers to points of connection to other projects, programs, or other entities that if not managed may lead to conflicts and issues.

**Issues**

Events that are occurring or have already occurred that have negative consequences for a project, that are recoverable or can be mitigated in some way.

**Key Activities**

Lists activities performed in the current month and activities anticipated for next month.

**Milestone Schedule**

Lists the project's significant events or important achievements in the project lifecycle. It is considered a high level summary schedule for the project.

**Notable Issues**

Most important project issues that are currently affecting the objectives, scope, schedule, budget and/or the adequate funding of the project.

**Notable Risks**

Most important project risks that may impact the objectives, scope, schedule, budget and/or the adequate funding of the project.

**Phase**

Refers to the current project phase. For the Capital Program, the project phases are: Planning, Preliminary Design, Final Design, Procurement, Construction, Closing, Closed.

**Planned Value (PV)**

The estimated cost of work planned to be accomplished at a given period based on the project assigned baseline.

**Planned Value Progress (in Status Summary)**

The Planned Value of work that is expected to be completed this period, according to the baseline, expressed as a percentage of the project's current budget without contingency. See Planned Value.

**Potential and In-Process Changes**

Change Orders where impacts are being evaluated or determined, or Change Orders in process for approval. Includes Contract Change Orders.

**Resolution Date (in Notable Issues)**

The latest date an issue needs to be resolved before it begins to affect the objectives, scope, schedule, budget and/or the adequate funding of the project.

**Risks**

Events or uncertain conditions that, if they occur, have a negative or positive impact in the project's objectives.

**Safety Incidents**

Reported safety incidents related to the execution of project work, that occurred during the reporting period.

**Scope Summary**

High level description of the objectives and principal deliverables of the project.

**SPI (Schedule Performance Index)**

A measure of the actual project progress compared to its planned progress at the closing of the current period based on the current assigned baseline. It is calculated by dividing the budgeted cost of work performed, or Earned Value (EV), by the budgeted cost of work planned, or Planned Value (PV) for the current period.

**Type I Incidents (in Safety)**

Near Miss or incident requiring written report based on contract requirements.

**Type II Incidents (in Safety)**

Injury of worker or passenger requiring a report to the Federal Railroad Administration.

**Type of Work**

Categories defined for classifying project costs.

**Un-activated Amount (in Funding)**

Portion of the Board Approved funding for the project that has not been Activated. See Activated Funding.

**Unallocated Contingency**

Portion of total project contingency budget to account for Unknown Risks.

**Unknown Risks**

Unidentified risks that have not been accounted for and are included in the Unallocated Contingency budget.