Rail Service Plan FY23 & FY24 Operating Budget Sources and Uses

BART Board of Directors

May 12, 2022





Rail Service Plan

- FY22 Service Review
- FY23 Rail Service Plan
- Future Service Expansion: Constraints and Path Forward

FY23 & FY24 Sources & Uses

- Major Changes
- Operating Budget Sources and Uses
- Net Result & Federal Emergency Assistance Need
- Revised Fiscal Runway
- Next Steps & Calendar



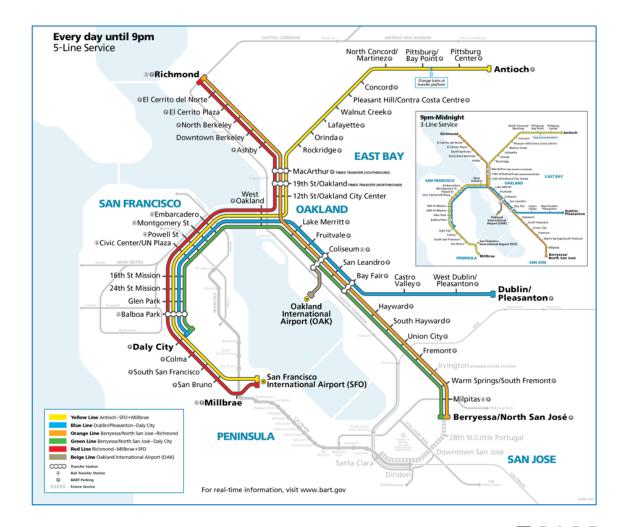
FY22 Operations & Service Summary

Successes:

- August return to full-service
- Operating almost 5% more train hours than in 2019
- Direct Yellow- & Red-line service to SFO
- 5-line 7-day service
- Supported accelerated project work
 - M-line cable project Substantial completion in 2022, ahead of schedule
 - TBT Seismic Retrofit Substantial completion in 2022, ahead of schedule
- Restarted FOTF railcar deliveries in Feb 2022
- Redesigned train routing and signage at SFO

Challenges:

- Pandemic recovery; critical staffing
- Hold on railcar deliveries
- R-line power cable issue



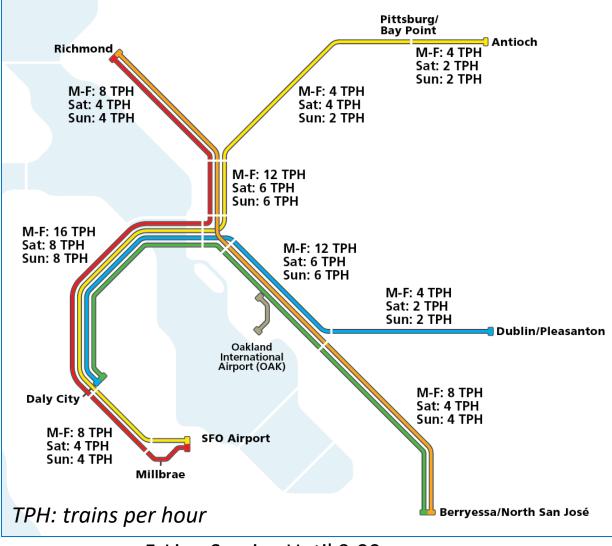
FY23 Rail Service Objectives & Improvements

Service design is guided by the following principles:

- Service design goals: efficient, passenger-friendly service design
 - 7-day consistent timetable for easy planning; for passengers and Regional partners
 - More even headways where possible
 - Well-planned transfers
- Equity focus: Inclusive approach benefiting commute riders as well as essential and service workers, weekends and off-peak
- Operations priorities:
 - Catch up on critical staffing: Rail Controllers and Train Operators
 - Continued commitment to RR and Core Capacity construction



FY23 Daytime 5-Line Rail Service Plan



Current service

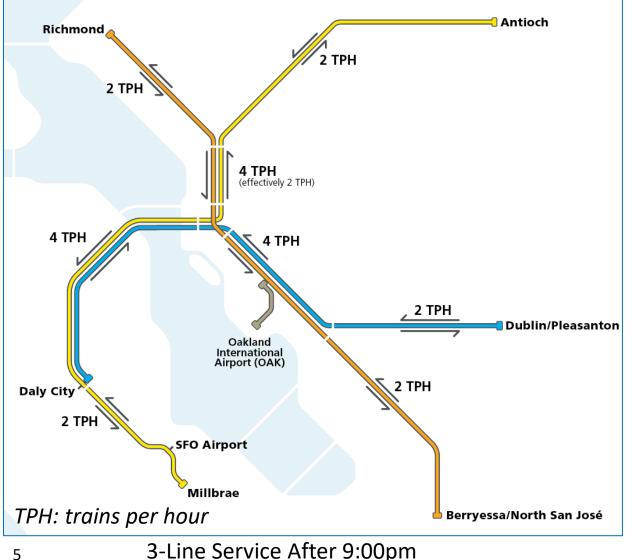
- 5-line service provides 4+ TPH to most stations
- More weekly train hours than in 2019
- Allows Sunday all-day single-tracking through San Francisco

Planned September 2022 improvements

- <u>Lifting of Sunday single-tracking</u> restrictions allows more even headways through San Francisco
- Consistent schedule, with most lines having similar clock-face schedules 7 days a week
- Improved alignment with other providers for better connections
- Special event trains

5-Line Service Until 9:00pm

FY23 Evening 3-Line Rail Service Plan



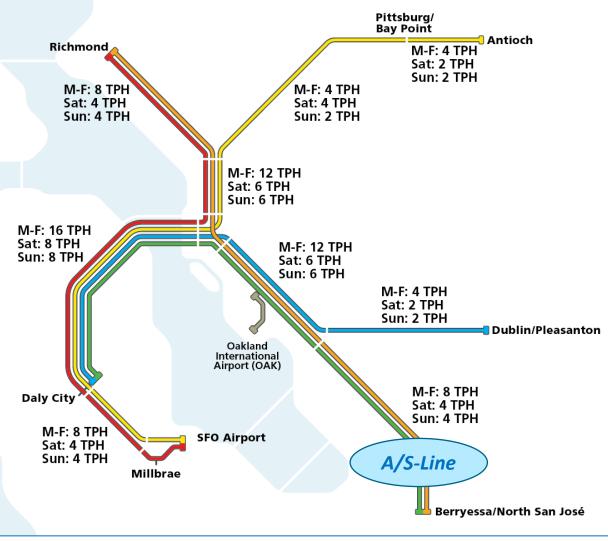
Current service

- 3-line service provides 2 or more TPH after 9 pm
- Allows evening single-tracking through Transbay Tube

Planned September 2022 improvements

- <u>Lifting of evening single-tracking</u> restrictions allows • more even headways through San Francisco
- Consistent schedule, with similar clock-face schedules 7 days a week
- Improved alignment with other providers for better connections
- Special event trains •

Improved Headways: FY23 Daytime 5-Line Service



Trains will arrive at more regular intervals

• Less bunching of trains means shorter wait times

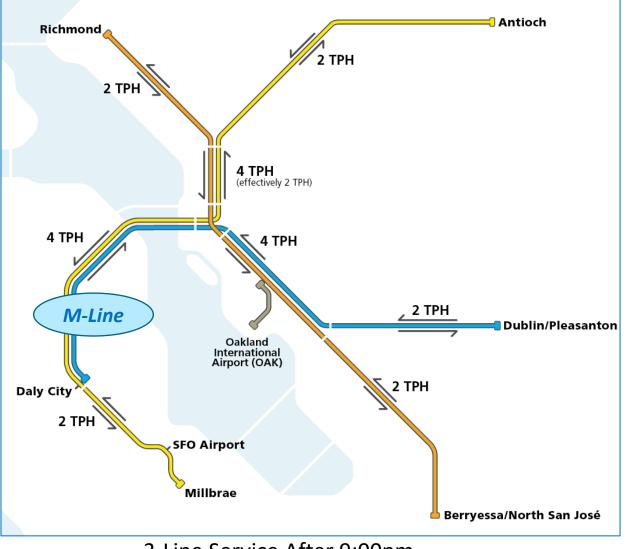
Example intervals:

• Berryessa (A/S) Line – Bay Fair to Berryessa



* Based upon Draft September 2022 schedule

Improved Headways: FY23 Evening 3-Line Service



Trains will arrive at more regular intervals

• Less bunching of trains means shorter wait times

Example intervals:

• M-Line through San Francisco



* Based upon Draft September 2022 schedule

3-Line Service After 9:00pm

Future Service Expansion

Current Service

BART now provides more train hours of service than before the pandemic

Phases of Service Improvement

- 1. Improve service frequencies and 7-day alignment
- 2. Focus on service equity with more night and weekend service
 - a. Expand evening service on Saturday after 9:00pm, then consider Friday evening
 - b. Increase Saturday headway to 15-minutes to match weekday
- 3. Evaluate 5:00am system opening; after CBTC and Measure RR field work is complete

Constraints

More complex operations require additional staff:

- Increased hours of service
- Additional 5-line service
- Increased evening and overnight work

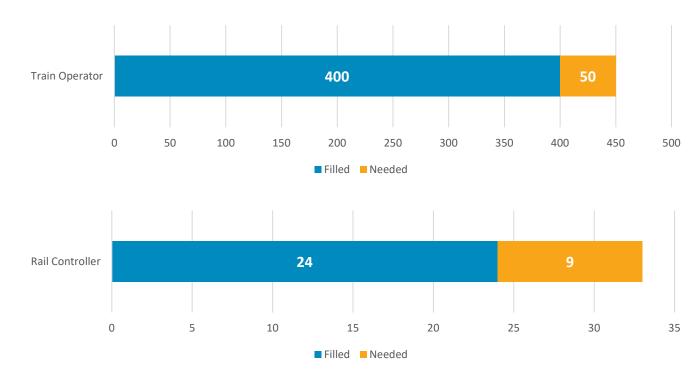
Recruiting and certification challenges for key safety-critical positions: Train Operators and Rail Controllers



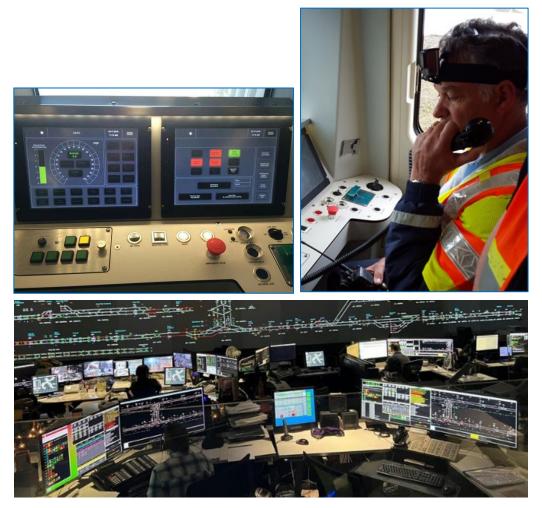


Critical Positions Needed for Service Increase

Recruiting is a top priority



BART needs to hire and certify 50 Train Operators and 9 Rail Controllers (net) to fully staff potential weekend and off-peak service expansion



Critical Position Hiring and Training Timelines

						Concurrent	
Time to Hire an	d Train	by Key Po	osition Type	Net Hiring Goal	Class Size	Training Capacity	Certification Rate
Train Operator			Recruiting & background Training	50	12	36	75%
Rail Controller				9	3	3	33%
	0	3 months	7 months 17 mc	onths			

Train Operator positions projected to be filled by mid-FY23

- Larger classes up to 12
- Shorter training & certification period
- Concurrent training capacity
- Higher certification rate

Rail Controllers face a longer timeline

- Smaller classes up to 3
- Longer training & certification period
- Number of trainees fixed at 3 due to number of consoles
- Low certification rate



Efforts to Speed Up Rail Controller Hiring & Training

BART is streamlining the end-to-end Rail Controller hiring & training process

Short Term

- Launched an independent evaluation of Operations Control Center (OCC) work environment, operation, and staffing
- Revised job description and recruiting plan expected end of May
- Up to two additional train controllers may be certified July 31st
- Up to three additional train controllers may be certified by December 31st

Medium Term

- Expand interest from qualified candidates for a larger pool
- Improve success rate for certification of trainees
- Optimize total staffing and training capacity
- Evaluate pay scale to ensure the position is competitive
- Generate a work force plan



Future Service Expansion Timeline

Phase	Improvement	Projected Timeline	Limiting Factor	Annual Cost
Phase 1	More consistent frequencies	September 2022	None	N/A
Phase 2a	Saturday evening 5-line until system close	February 2023	Train Operators Rail Controllers	\$4.0M
Phase 2b	Saturday 5-line 15-minute service all day (Saturday = weekday)	TBD	Train Operators Rail Controllers	\$9.1M
Phase 3	Evaluate 5:00am opening time	2028	Infrastructure Renewal Program	TBD





FY23 & FY24 Operating Budget Sources & Uses



FY23 & FY24 Sources & Uses – Executive Summary

The FY22 Operating Budget made investments in:

- More frequent service, including weekends, and longer service hours
- Less crowding
- Increased employee presence throughout the system to promote safety and security
- Cleaner trains and stations
- Reducing long-term expenses and liabilities

In FY23 & FY24, BART will continue to deliver reliable, safe, frequent service with a focus on ridership experience

At the same time, BART is also focused on extending the fiscal runway

• Underspending in FY22 will result reduced federal emergency assistance need, extending the fiscal runway

The FY23 & FY24 Operating Budget includes several budget process improvements:

- BART's first two-year budget
- Efforts to reduce budget to actuals variance, notably by reflecting industry-wide and regional hiring challenges

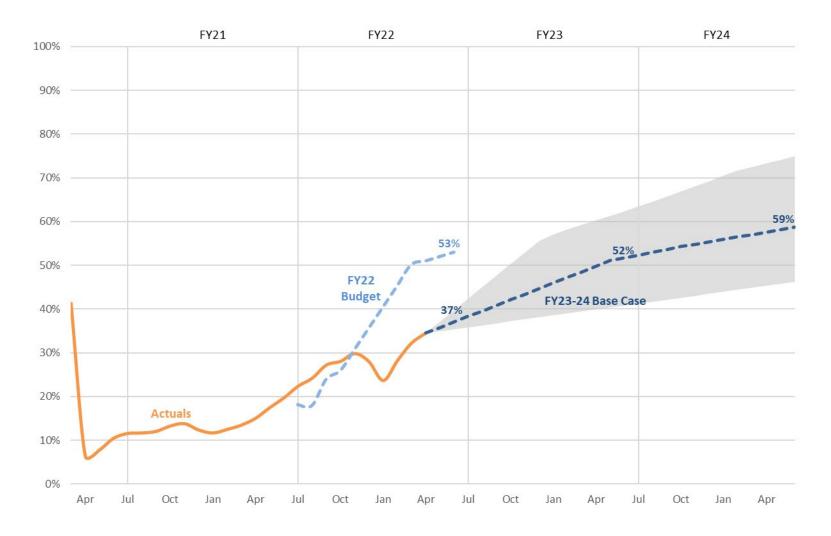
FY23 & FY24 Sources & Uses

Major changes since Preliminary Budget (released 3/31):

- Revisions to operating revenues
- Additional technical cleanup of positions to:
 - Reflect actual time charging
 - Provide more hiring authority for positions critical to service expansion
- Vacancy rate adjusted to more closely reflect actuals
- Adjustments to miscellaneous fringe costs
- New allocation for underground restroom rehabilitation



FY23 & FY24 Ridership Outlook



Assumes average weekday ridership of:

- ~140,000 by end of FY22
- ~210,000 by end of FY23
- ~240,000 by end of FY24

FY23 & FY24 Operating Revenue

Operating Revenue					Prelim to Proposed				Prelim to	Proposed
(\$Millions)	FY22 Adopted	FY22 Forecast	FY23 Prelim	FY23 Proposed	\$	%	FY24 Prelim	FY24 Proposed	\$	%
Rail Passenger Revenue	165.9	133.5	221.7	222.1	0.4	0%	282.1	283.0	0.9	0%
ADA Passenger Revenue	0.5	0.5	0.5	0.5	0.0	0%	0.5	0.5	0.0	0%
Parking Revenue	9.4	10.9	13.1	13.1	0.0	0%	14.3	14.3	0.0	0%
Other Operating Revenue	19.9	19.6	19.4	19.4	0.0	0%	22.6	22.6	0.0	0%
Total - Operating Revenue	195.7	164.5	254.8	255.2	0.4	0%	319.5	320.4	0.9	0%

- Rail Passenger Revenue includes CPI-based 3.4% fare increase effective July 1, 2022
- FY22 fare revenue projected to be ~\$30-35M (18-21%) below budget
- FY23 preliminary operating revenue budget reflects a 56% increase over FY22 YE estimate. FY24 budget reflects a further 25% increase
- Fare and parking revenue estimates assume base case ridership forecast
- Advertising revenue estimates reflect revised OUTFRONT contract and base case ridership
- Other operating revenue composed mostly of ground lease, telecom / digital railway, concessions

FY23 & FY24 Financial Assistance

Financial Assistance					Prelim to	Proposed			Prelim to	Proposed
(\$Millions)	FY22 Adopted	FY22 Forecast	FY23 Prelim	FY23 Proposed	\$	%	FY24 Prelim	FY24 Proposed	\$	%
Sales Tax Proceeds	261.7	297.3	299.0	299.0	0.0	0%	306.6	306.6	0.0	0%
Property Tax Proceeds	54.5	56.8	58.0	58.0	0.0	0%	61.2	61.2	0.0	0%
SFO Ext Financial Assistance	22.6	30.3	0.0	0.0	0.0	-	0.0	0.0	0.0	-
VTA Financial Assistance	35.2	38.1	34.3	32.7	(1.6)	-5%	33.4	31.2	(2.2)	-7%
MTC Financial Assistance Clipper Start	0.6	0.1	0.2	0.3	0.1	34%	0.3	0.4	0.1	31%
Local & Other Assistance	7.4	10.8	6.9	9.1	2.2	33%	7.0	9.3	2.3	33%
State Transit Assistance	28.4	36.2	22.7	22.7	0.0	0%	38.6	38.6	0.0	0%
Low Carbon Transit Operations										
Program	4.4	4.4	10.3	10.3	0.0	0%	10.3	10.3	0.0	0%
Low Carbon Fuel Standard Program	22.6	12.8	16.6	16.6	0.0	0%	16.4	16.4	0.0	0%
Total - Financial Assistance	437.3	486.8	448.0	448.6	0.7	0%	473.8	474.0	0.2	0%

- Sales tax FY22 year-end estimate is ~\$36M (14%) above FY22 budget; lower growth projected for FY23 or FY24 due to economic uncertainty (inflation outlook, strength of durable & consumer goods spending)
- State Transit Assistance reduced by \$15M in FY23 due to a planned fund swap with MTC
- Small decrease in VTA assistance reflects forecast increases in SVBX fares; SFO assistance drops to \$0 after reserve is depleted in FY22

FY23 & FY24 Operating Revenue & Financial Assistance

Total Traditional Sources					Prelim to	Proposed			Prelim to	Proposed
(\$Millions)	FY22 Adopted	FY22 Forecast	FY23 Prelim	FY23 Proposed	\$	%	FY24 Prelim	FY24 Proposed	\$	%
Operating Revenue										
Rail Passenger Revenue	165.9	133.5	221.7	222.1	0.4	0%	282.1	283.0	0.9	0%
ADA Passenger Revenue	0.5	0.5	0.5	0.5	0.0	0%	0.5	0.5	0.0	0%
Parking Revenue	9.4	10.9	13.1	13.1	0.0	0%	14.3	14.3	0.0	0%
Other Operating Revenue	19.9	19.6	19.4	19.4	0.0	0%	22.6	22.6	0.0	0%
Subtotal - Operating Revenue	195.7	164.5	254.8	255.2	0.4	0%	319.5	320.4	0.9	0%
Financial Assistance										
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Property Tax Proceeds	54.5	56.8	58.0	58.0	0.0	0%	61.2	61.2	0.0	0%
SFO Ext Financial Assistance	22.6	30.3	0.0	0.0	0.0	-	0.0	0.0	0.0	-
VTA Financial Assistance	35.2	38.1	34.3	32.7	(1.6)	-5%	33.4	31.2	(2.2)	-7%
MTC Financial Assistance Clipper Start	0.6	0.1	0.2	0.3	0.1	34%	0.3	0.4	0.1	31%
Local & Other Assistance	7.4	10.8	6.9	9.1	2.2	33%	7.0	9.3	2.3	33%
State Transit Assistance	28.4	36.2	22.7	22.7	0.0	0%	38.6	38.6	0.0	0%
Low Carbon Transit Operations										
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Low Carbon Fuel Standard Program	22.6	12.8	16.6	16.6	0.0	0%	16.4	16.4	0.0	0%
Subtotal - Financial										
Assistance	437.3	486.8	448.0	448.6	0.7	0%	473.8	474.0	0.2	0%
Total - Traditional Sources	633.0	651.2	702.7	703.8	1.1	0%	793.3	794.4	1.1	0%

• Total operating revenue budget (excluding federal assistance) increases 11% in FY23 and 13% in FY24

- Sales tax remains largest single regular revenue source
- ¹⁹ Strong sales tax revenues in FY22 offsets below budget ridership revenue



FY23 & FY24 Labor Expense

Labor & Benefits					Prelim to	Proposed			Prelim to Proposed	
(\$Millions)	FY22 Adopted	FY22 Forecast	FY23 Prelim	FY23 Proposed	\$	%	FY24 Prelim	FY24 Proposed	\$	%
Wages	506.0	360.1	493.3	482.2	(11.1)	-2%	507.5	500.2	(7.3)	-1%
Overtime	48.4	77.6	70.8	70.8	0.0	0%	70.8	70.8	0.0	0%
CalPERS Pension	115.5	135.6	127.9	128.0	0.0	0%	127.1	127.2	0.2	0%
Other Retirement Benefits	13.9	16.3	14.3	14.4	0.1	1%	14.3	14.5	0.2	1%
Active Employee Medical Insurance	84.5	99.3	88.0	88.7	0.7	1%	87.4	88.4	1.0	1%
Retiree Medical	44.0	44.0	45.7	45.7	0.0	0%	47.0	47.0	0.0	0%
Workers' Compensation	17.3	17.3	17.2	17.2	0.0	0%	17.2	17.2	0.0	0%
Capital Reimbursement Wages	(137.5)	(96.8)	(143.8)	(146.6)	(2.8)	2%	(144.9)	(148.2)	(3.4)	2%
Capital Fringe	(67.7)	(67.8)	(71.9)	(73.7)	(1.8)	3%	(71.8)	(73.9)	(2.1)	3%
Capital Overtime	0.0	(27.1)	(22.4)	(22.4)	0.0	0%	(22.4)	(22.4)	0.0	0%
Other Labor*	25.3	29.7	27.6	28.0	0.4	1%	27.7	28.1	0.5	2%
Total - Labor	649.7	588.3	646.8	632.2	(14.6)	-2%	659.9	649.0	(10.9)	-2%

*Other labor includes Vision, Dental, Medicare, Life Insurance, Disability, Unemployment, Meal and Uniform Allowances, Temp Help, and Employee Wellness Benefits

- FY23 vacancy rate adjusted from 7.5% in Preliminary Budget to 10% in Proposed Budget; FY24 vacancy rate adjusted from 5.5% in Preliminary Budget to 7.5% in Proposed Budget
 - Reflects current hiring challenges
- Pension cost increase driven by Unfunded Actuarial Liability (UAL) payments
- Increase in capital reimbursements reflects additional capital-funded positions

FY22 to FY23 Budgeted FTE Changes

	FY22 to FY23 F	TE Summary		
	Operating	Capital	Reimbursable	Total
FY22 Adopted Budget	3,409.5	983.6	39.5	4,432.6
FY22 to FY23 Changes				
Removals	(4.6)	-	-	(4.6)
Funding Conversions	31.7	(31.7)	-	-
Midyear Additions	20.6	33.4	2.0	56.0
Technical Adjustments	12.7	9.5	1.0	23.2
New Positions	15.5	55.0	-	83.0
Total Changes	75.9	66.2	3.0	157.6
FY23 Proposed Budget	3,485.4	1,049.8	42.5	4,577.7

- Additional positions converted from capital to operating funding
- New Positions:
 - 3 Operating positions for compliance
 - Hiring authority for 25 positions in Transportation with 6 months funding in FY23 and annualizing to full-year funding in FY24 (FTE impact in FY23 is 12.5; 25 in FY24)
 - 55 Capital positions for Fleet of the Future (FOTF) modifications and Computer Based Train Control (CBTC) development

FY23 & FY24 Non-Labor Expense

Non-Labor					Prelim to	Proposed			Prelim to	Proposed
(\$Millions)	FY22 Adopted	FY22 Forecast	FY23 Prelim	FY23 Proposed	\$	%	FY24 Prelim	FY24 Proposed	\$	%
Clipper, Ticket Sales & Bank Fees	8.8	3.9	8.0	8.0	0.0	0%	9.4	9.4	0.0	0%
Insurance	9.2	10.2	9.7	9.7	0.0	0%	9.7	9.7	0.0	0%
Materials & Supplies	46.1	47.1	46.6	47.5	0.9	2%	46.6	46.6	0.0	0%
Professional & Technical Fees	42.9	38.9	50.1	49.7	(0.4)	-1%	50.1	49.6	(0.4)	-1%
Repairs & Maintenance	9.2	10.0	11.0	11.3	0.3	3%	11.2	11.5	0.3	3%
Rent	6.3	4.2	4.1	4.1	0.0	0%	4.1	4.1	0.0	0%
Power	48.9	48.7	52.7	52.7	0.0	0%	54.4	54.4	0.0	0%
ADA Paratransit	14.0	14.0	16.7	16.7	0.0	0%	19.6	19.6	0.0	0%
Purchased Transportation	12.4	7.3	12.7	12.7	0.0	0%	13.0	13.0	0.0	0%
Utilities	8.0	7.3	8.1	8.6	0.6	7%	8.3	8.9	0.5	7%
Other Miscellaneous	4.1	5.9	6.9	6.9	0.0	0%	4.6	4.6	0.0	0%
Total - Non-Labor	209.9	197.6	226.5	227.8	1.3	1%	230.9	231.3	0.4	0%

- Non-labor base budget reset to FY21 actual spending levels, with adjustments made for:
 - Service level needs (power, fuel, materials & supplies)
 - Regulatory & compliance needs (election costs, paratransit, some licenses & fees)
- Funding for restroom attendants at 4 stations added to FY23 & FY24 (may be transferred to labor budget during budget period based on staffing levels)

FY23 & FY24 Debt Service & Allocations

Debt Service & Allocations					Prelim to Proposed				Prelim to Proposed	
(\$Millions)	FY22 Adopted	FY22 Forecast	FY23 Prelim	FY23 Proposed	\$	%	FY24 Prelim	FY24 Proposed	\$	%
Debt Service	57.2	57.2	59.9	59.9	0.0	0%	60.1	60.1	0.0	0%
Capital Reinvestment	56.3	59.7	44.6	46.5	1.9	4%	45.3	45.3	(0.0)	0%
Priority Capital Projects/Programs	34.0	34.0	33.0	33.0	0.0	0%	64.0	64.0	0.0	0%
Sustainability	0.0	0.0	8.8	6.4	(2.4)	-28%	8.7	6.4	(2.3)	-27%
Other	1.6	1.6	1.6	1.6	0.0	0%	1.7	1.7	0.0	0%
Pension	10.0	10.0	10.0	10.0	0.0	0%	10.0	10.0	0.0	0%
Total - Debt Service & Allocations	159.1	162.5	158.0	157.4	(0.6)	0%	189.8	187.5	(2.3)	-1%

- Sustainability allocation restored (not included in FY21 or FY22 adopted budgets) but reduced from Preliminary Budget numbers due to reduced projections of FY22 Low Carbon Fuel Standard (LCFS) credit sales
- Additional one-time allocation of \$1.9M in FY23 included in Capital Reinvestment to fund underground restroom re-openings

FY23 & FY24 Total Expense

Total Uses					Prelim to	Proposed			Prelim to	Proposed
(\$Millions)	FY22 Adopted	FY22 Forecast	FY23 Prelim	FY23 Proposed	\$	%	FY24 Prelim	FY24 Proposed	\$	%
Labor	649.7	588.3	646.8	632.2	(14.6)	-2%	659.9	649.0	(10.9)	-2%
ADA Paratransit	14.0	14.0	16.7	16.7	0.0	0%	19.6	19.6	0.0	0%
Purchased Transportation	12.4	7.3	12.7	12.7	0.0	0%	13.0	13.0	0.0	0%
Power	48.9	48.7	52.7	52.7	0.0	0%	54.4	54.4	0.0	0%
Other Non-Labor	134.6	127.6	144.3	145.7	1.3	1%	144.0	144.4	0.4	0%
Subtotal - Operating Expense	859.6	785.8	873.2	860.0	(13.2)	-2%	890.8	880.3	(10.5)	-1%
Debt Service	57.2	57.2	59.9	59.9	0.0	0%	60.1	60.1	0.0	0%
Capital Reinvestment	56.3	59.7	44.6	46.5	1.9	4%	45.3	45.3	(0.0)	0%
Priority Capital Projects/Programs	34.0	34.0	33.0	33.0	0.0	0%	64.0	64.0	0.0	0%
Other	0.0	0.0	8.8	6.4	(2.4)	-28%	8.7	6.4	(2.3)	-27%
Allocation to LCFS Reserves	1.6	1.6	1.6	1.6	0.0	0%	1.7	1.7	0.0	0%
Allocations to Pension Trust	10.0	10.0	10.0	10.0	0.0	0%	10.0	10.0	0.0	0%
Subtotal - Debt Service &										
Allocations	159.1	162.5	158.0	157.4	(0.6)	0%	189.8	187.5	(2.3)	-1%
Total - Uses	1,018.7	948.4	1,031.2	1,017.4	(13.8)	-1%	1,080.6	1,067.8	(12.8)	-1%

- FY22 expense forecast is \$70.3M below FY22 Adopted Budget
 - \$61.4M attributed to labor underspending, primarily due to unfilled positions
 - \$8.9M attributed to miscellaneous non-labor categories
- Total FY23 Proposed Budget comparable to FY22 Adopted Budget

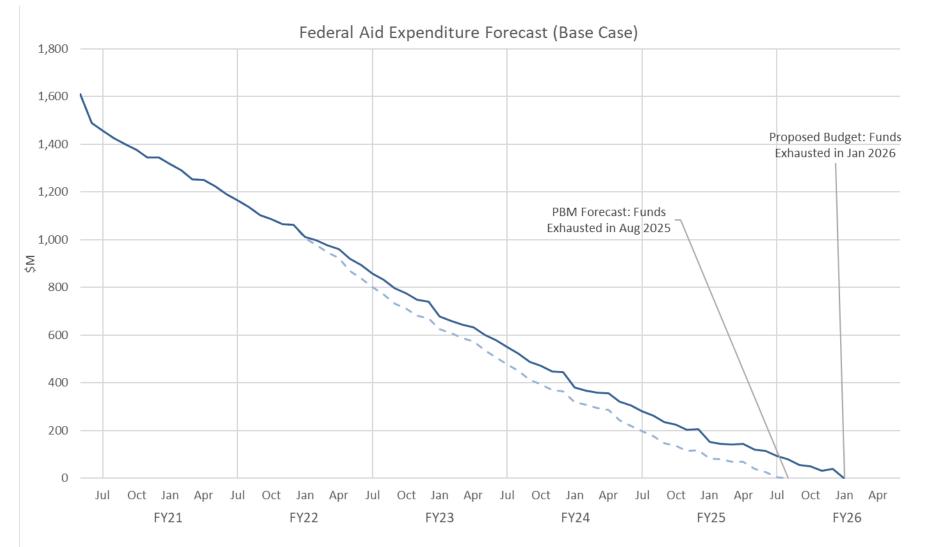
FY23 & FY24 Net Result & Federal Emergency Assistance Need

Federal Assistance Need					Prelim to	Proposed			Prelim to	Proposed
(\$Millions)	FY22 Adopted	FY22 Forecast	FY23 Prelim	FY23 Proposed	\$	%	FY24 Prelim	FY24 Proposed	\$	%
Operating Revenue	195.7	164.5	254.8	255.2	0.4	0%	319.5	320.4	0.9	0%
Financial Assistance	437.3	486.8	448.0	448.6	0.7	0%	473.8	474.0	0.2	0%
Total Traditional Sources	633.0	651.2	702.7	703.8	1.1	0%	793.3	794.4	1.1	0%
Operating Expense	859.6	785.8	873.2	860.0	(13.2)	-2%	890.8	880.3	(10.5)	-1%
Debt Service & Allocations	159.1	162.5	158.0	157.4	(0.6)	0%	189.8	187.5	(2.3)	-1%
Total Uses	1,018.7	948.4	1,031.2	1,017.4	(13.8)	-1%	1,080.6	1,067.8	(12.8)	-1%
Net Result Before Federal Emergency										
Assistance	(385.7)	(297.1)	(328.5)	(313.6)	14.9	-5%	(287.3)	(273.4)	13.9	-5%
Federal Emergency Funding	385.7	297.1	328.5	313.6	(14.9)	-5%	287.3	273.4	(13.9)	-5%

- Net FY22 revenue and expense projections show reduction of \$85.1M in federal emergency assistance need
- Projected FY22 variance from budget will be used to extend fiscal runway
- ~\$305M of emergency federal assistance expected to remain after FY24
- Fiscal runway projected to end in mid-FY26



BART's Fiscal Runway



- Forecasted projects
 ~\$305M of federal aid
 available after FY24
- In the base case scenario, federal funding now covers projected deficits until January 2026

Timeline and Next Steps



Discussion

