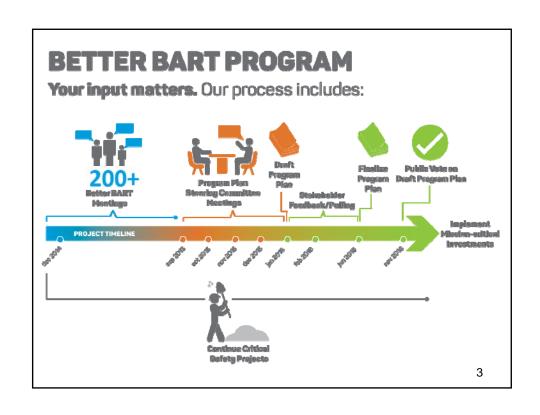


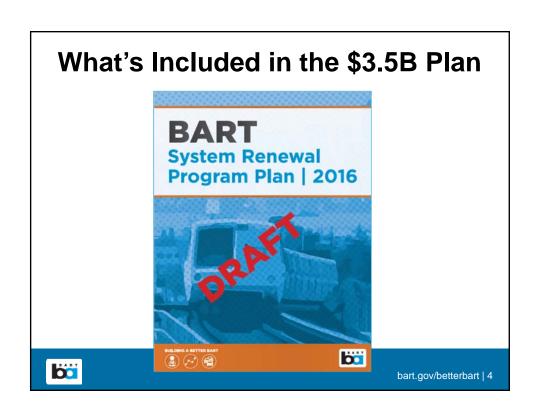
IT'S TIME TO REBUILD.

Agenda

- 1. Process Update
- 2. Review Current Draft Program Plan
 - Sample projects & funding needs
- 3. Quick Update
- 4. Comments















CROWDING & TRAFFIC RELIEF

Strategically increase capacity to improve crowding, reduce traffic, increase system redundancy and resiliency, and accommodate growth



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Two Major Plan Categories

Repair and replace critical safety infrastructure	\$3.165 B 90%	<u>•</u>	<u>@</u>	
Relieve crowding, reduce traffic congestion, & expand opportunities to safely access stations	\$335 M 10%	<u>•</u>	<u>&</u>	8
Total	\$3.5 B			

bå

Renew Track (\$625m)



Example Projects

Replace 90 miles of original rails

Rebuild major interlockings

Replace critical supporting track infrastructure









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Renew Power Infrastructure (\$1.225m) \$35%



Example Projects

Replace original power distribution infrastructure



Refurbish and replace electrical substations

Replace and upgrade backup power supplies









Repair Tunnels and Structures (\$570m)



Example Projects

Repair damage from water intrusion in the Market Street tunnels



Repair damage from water intrusion in stations

Repair Hayward Fault Creep within the Berkeley Hills Tunnel







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Renew Mechanical Infrastructure (\$135m) 3.8%



R

Refurbish and replace fire safety infrastructure

Example Projects



Refurbish and replace water management infrastructure

Refurbish and replace repair shop infrastructure







Renew Stations (\$210m) 6%

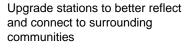


Example Projects

Invest in safety, security, and reduced fare evasion



Repair, replace, and upgrade escalators and elevators to increase capacity and improve stations for people with disabilities









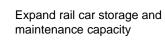
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Replace Train Control (\$400m) \$11.4



Example Projects

Modernize train control infrastructure





Upgrade Traction power capacity







Expand Opportunities to Safely Access Stations (\$135m) 3.9%



Example Projects Enhance access for seniors and

people with disabilities

Improve parking availability

Expand bicycle facilities

Renew bus intermodal facilities







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Future Crowding Relief (\$200m) 5.7%



Example Projects

Crossover tracks Turnback tracks

Storage tracks

Station platform doors

2nd Transbay crossing







BART BOND OVERSIGHT COMMITTEE

COMPRISED OF SUBJECT MATTER EXPERTS

- Audit bond expenditures
- Ensure work is completed in accordance with the bond
- Publish an annual, public, independent report













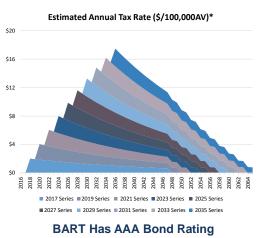


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BOND FINANCING & SCHEDULE

The bond measure is projected to cost between \$0.80 and \$17.49 per \$100,000 of a property's assessed value, for an average of \$8.98 per \$100,000 over the life of the bond.

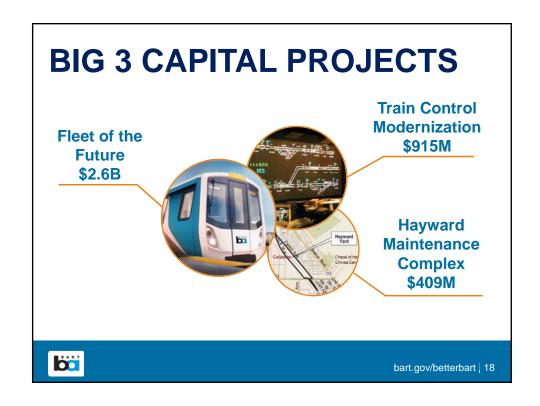
	\$3.5 Billion
Total Par Amount	\$3,500,000,000
All-In True Interest Cost*	5.00%
Maximum Annual Debt Service*	\$227,689,000
Average Annual Debt Service*	\$142,299,625
Assumed AV Growth Rate*	4.00%
Maximum Tax Rate (\$/\$100,000 AV)*	\$17.49 (FY 2036)
Minimum Tax Rate (\$/\$100,000 AV)*	\$0.80 (FY 2065)
Average Tax Rate (\$/\$100,000 AV)*	\$8.98



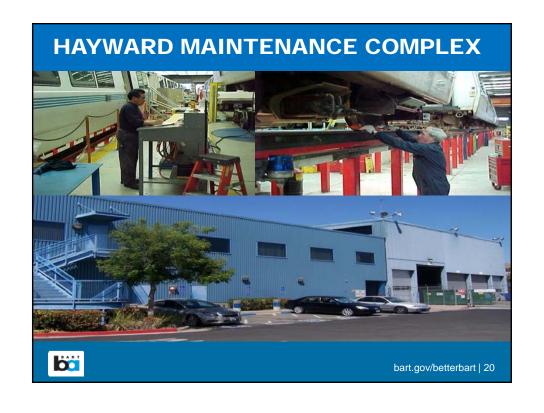
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Quick update.

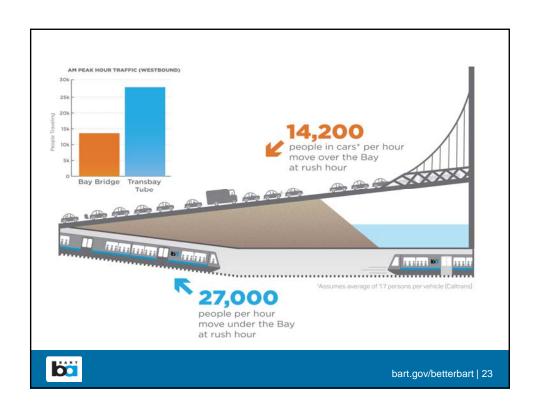














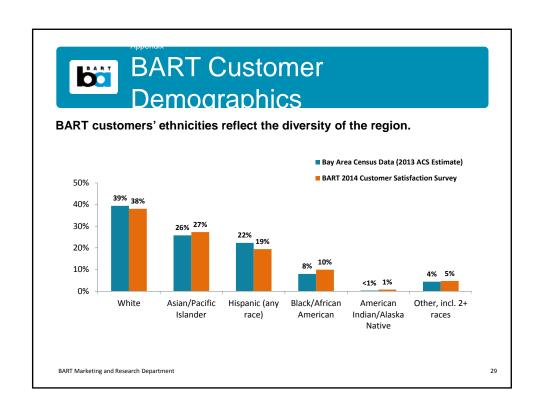


	EXAMPLE PROJECTS	BOND FUNDS	REMAINING NEED	
Renew track	Replace 90 miles of rail Rebuild interlockings	\$625 M 18%	Fully funded	
Renew power infrastructure	Refurbish/replace substations Replace backup power	\$1.225 M 35%	50% unfunded	
Repair tunnels and structures	Repair water damage intrusion in Market Street tunnels Repair Berkeley Hills Tunnel fault creep	*\$570 M 16%	66% unfunded	

Repair & Replace Critical Safety Infrastructure (\$3.165 B)				
	EXAMPLE PROJECTS	BOND FUNDS	REMAINING NEED	
Renew mechanical infrastructure	Refurbish/replace fire safety infrastructure Refurbish/replace repair shop infrastructure	\$135 M 3.8%	63% unfunded	
Renew stations	Invest in safety, security & reduce fare evasion Repair/replace escalators elevators	*\$210 M 6%	81% unfunded	
Replace train control	Modernize train control infrastructure Expand rail car storage and maintenance capacity	\$400 M 11.4%	Fully funded	

Relieve crowding, reduce traffic, & expand opportunities to safely access stations (\$335 M)

	EXAMPLE PROJECTS	BOND FUNDS	REMAINING NEED
Expand opportunities to safely access stations	Enhance access for seniors/disabled Improve parking availability/bike access	\$135 M 3.9%	57% unfunded
Future crowding relief	Add more crossovers 2 nd Transbay crossing	\$200 M 5.7%	N/A



	Status	Station	Total Units	Affordable Units	% Affordable	Office (SF)	Retail (SF)
a)		Castro Valley	96	96	100%	-	-
تخ		Fruitvale	47	10	21%	27,000	37,000
a	ted	Pleasant Hill Ph I	422	84	20%		35,590
	Completed	Hayward	170	0	0%		
to Date	Š	Ashby	0	0	0%	80,000	
		Richmond	132	66	50%		9,000
Ö		Dublin/Pleasanton I	309		0%		
an		TOTAL COMPLETED	1176	256	22%	107,000	81,590
Performance	Under	MacArthur	624	106	17%	5,000	42,500
<u></u>	Under	San Leandro	200	200	100%	5,000	1,000
rf		South Hayward Ph I	354	152	43%	-	-
a		TOTAL UNDER		1			
<u> </u>		CONSTRUCTION	1,178	458	39%	10,000	43,500
	сом	COMPLETED AND UNDER		1		\	
		CONSTRUCTION	2,354	714	30%	117,000	125,090
						30	