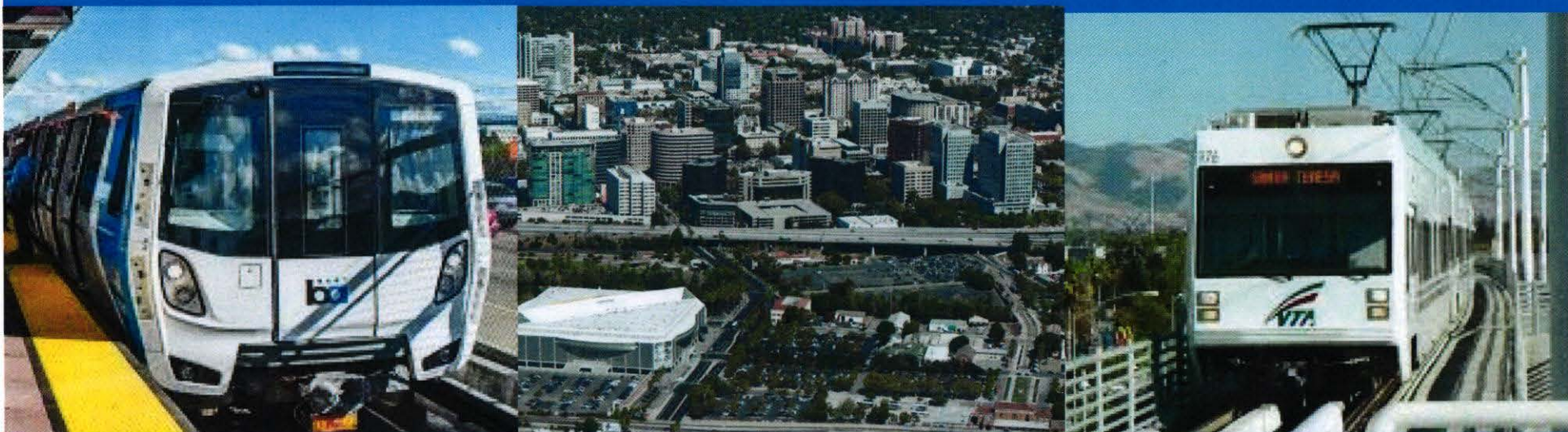




Silicon Valley BART Extension: Program Update



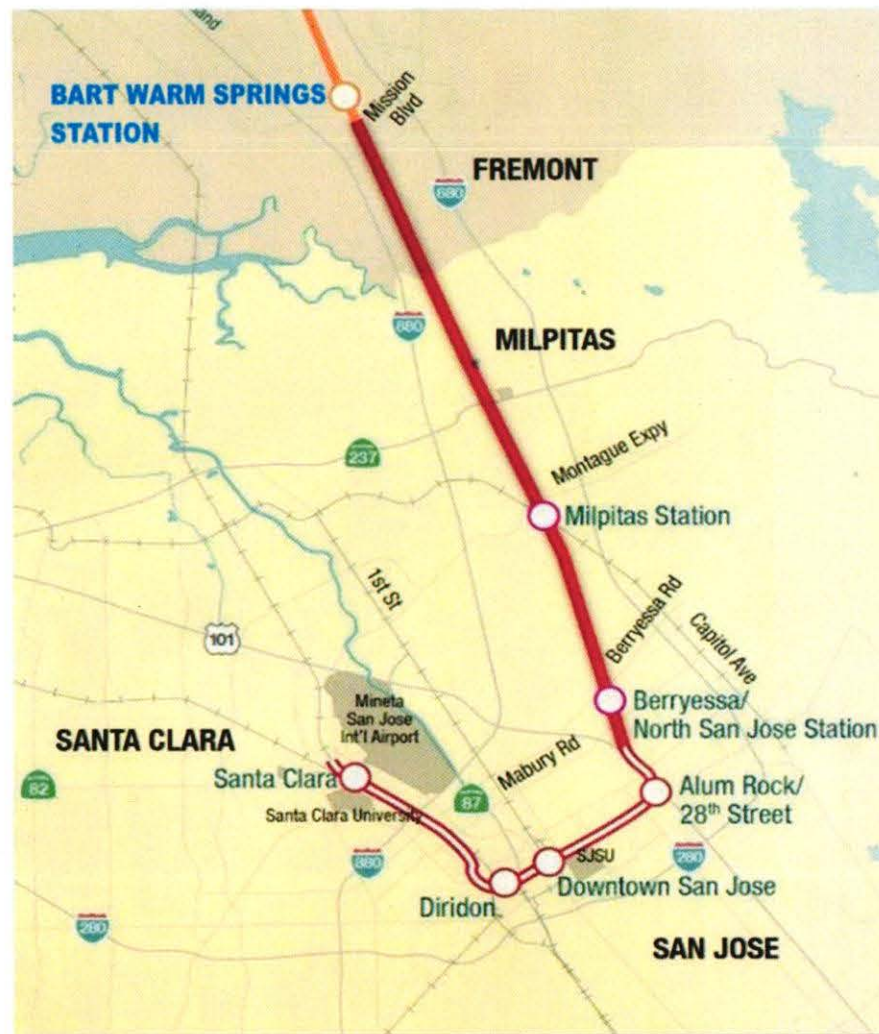
Board of Directors Presentation
October 10, 2019



BART Silicon Valley Extension

AGENDA

- PHASE I
- O&M





BART Silicon Valley Extension

PHASE I BERRYESSA EXTENSION ("SVBX") UPDATE



SVBX Project Status

VTA Activities

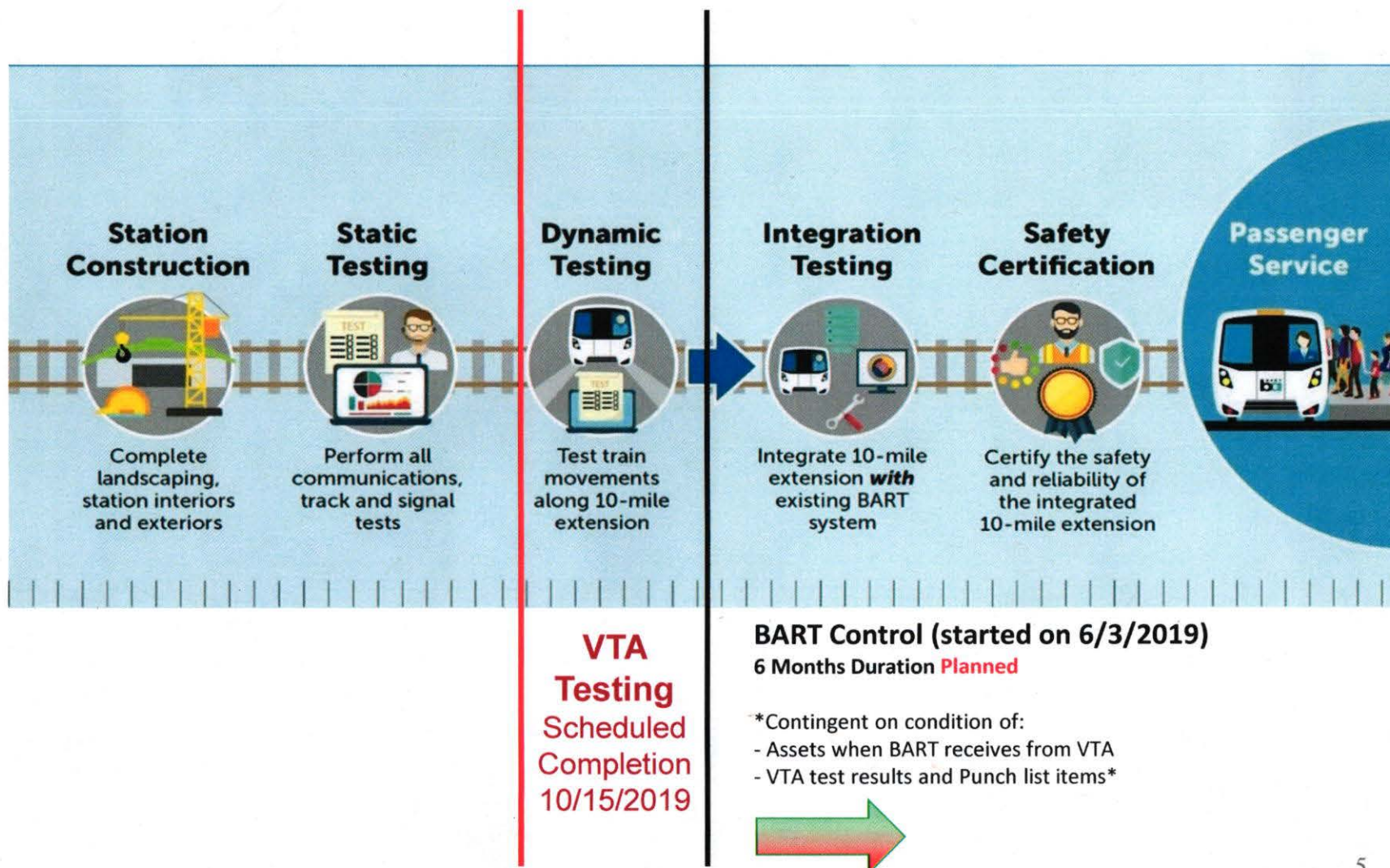
- | | |
|--|------------------------|
| • Construction | Complete |
| • Supply equipment for integration into BART OCC | Complete |
| • RIDS enhancements, final discrepancies, punch list, etc. | Underway |
| • Remaining VTA testing activities | Middle of October 2019 |

BART Activities

- | | |
|--|--------------|
| • Phase 3 Testing Plan | Underway |
| • Pre-revenue testing | Not underway |
| • Contractor-provided training (except RIDS) | Underway |
| • Turnover of facilities | Underway |
| • BART network cutover to OCC in Oakland | Completed |



SVBX Project Status





SVBX Project Status

BART Notifications to VTA

Date of Letter	25-Jul-19	7-Aug-19	23-Aug-19	30-Aug-19	18-Sep-19	N/A
Date(s) of Information	7/3/2019 - 7/23/2019	8/2/2019	8/8/2019 - 8/22/2019	8/30/2019	9/16/2019	9/30/2019
# Found by BART	480 to 730	1053	949 to 1116	1141	1256	1509
Fully Resolved	1 to 18	79	86 to 142	145	197	250
Partially Resolved	40	229	--	--	--	--
SEVERE - OPEN						
Blocker		29	30	38	66	43
Critical		188	177	171	211	209
Major		296	367	377	510	604
FULLY RESOLVED						
Blocker		--	--	2	2	15
Critical		--	--	19	23	39
Major		--	--	38	58	67
Other / Minor		--	--	86	114	129

BLOCKER	CRITICAL	MAJOR
Delays or stops BART Testing and/or CPUC safety Certification	Requires correction prior to Pre-Revenue Testing	Requires correction prior to Revenue Service



BART Testing – Need ATO

- As of BART-VTA Meeting held on October 1, 2019 2pm PST
 - Identified discrepancies impacting Automated Train Operations (ATO)
 - 4 Blockers
 - 48 Critical
- All 52 discrepancies must be resolved **no later than** October 20th, 2019 for BART to proceed with Compressed Pre-Revenue Testing
- Any other discrepancies found during this time that prevent ATO must be resolved no later than October 20th, 2019







BART Pre-Revenue Activities

Pre-Revenue Operations & Testing:

- Out-of-Cycle Bid for Labor forces:
 - *Create Bid Package*
 - *Submit Bid Package to Unions on Monday, October 21st, 2019*
 - (MUST have ATO confirmation BEFORE October 20th, 2019)
 - *Financial penalties are incurred if Revenue Service not achieved by December 28, 2019*
- Training & Stress Test of the system:
 - *Verify, validate & make adjustments to proposed Revenue Service Plan*
 - *Perform various simulated emergency drills*



SVBX Project Status

#	Description of the BART System/Asset	Status/Potential Risk to Pre-Revenue Testing
1	<i>Train Control</i>	
2	<i>Traction Power</i>	
3	<i>Fire Life Safety</i>	
4	<i>Network</i>	



BART Testing Under Control with Limited Technical Risks



BART Verifying VTA Testing/Identifying discrepancies



System Not Ready for BART Testing/Impact Pre-Revenue testing and/or Revenue Service Date



BART Silicon Valley Extension

OPERATIONS AND MAINTENANCE (O&M) AGREEMENT



O&M Agreement - Flow of Funds

DEFINITIONS

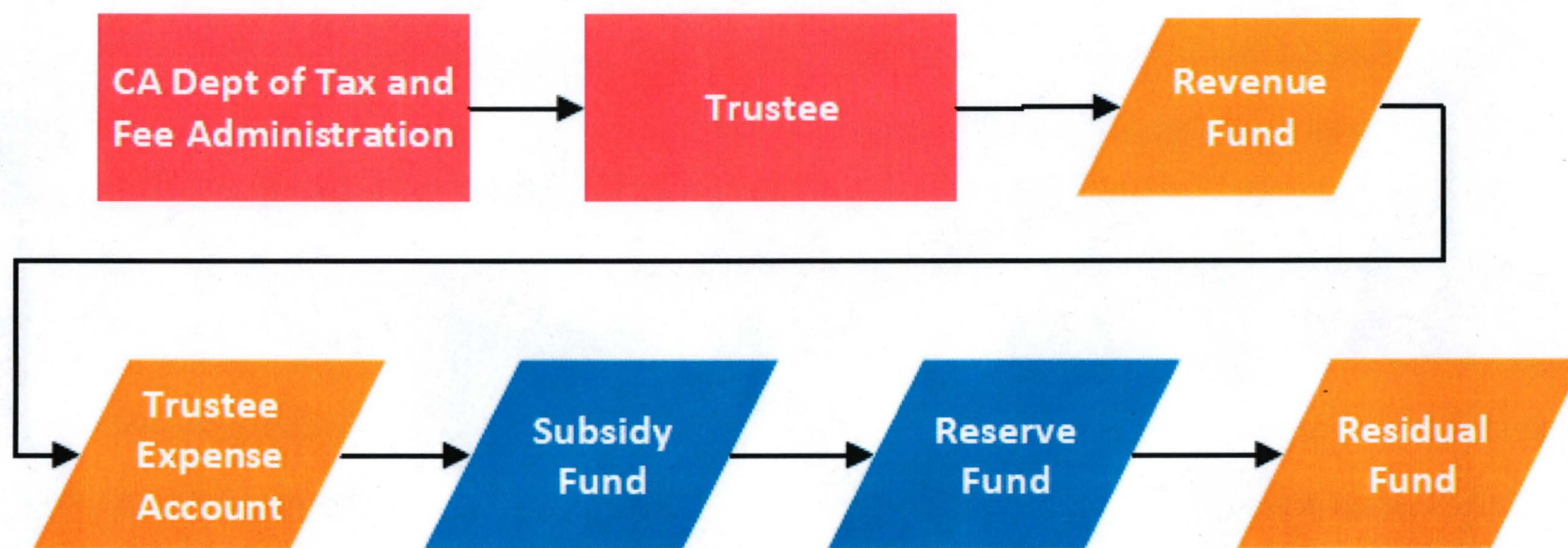
- **VTA Cost Obligation:** the obligation of VTA to pay all of BART's costs pursuant to the Agreement, including operations, maintenance and capital costs attributable to the SVRT Extension.
- **2008 Measure B:** the ballot measure approved by Santa Clara County voters that enacted a one-eighth (1/8) cent sales tax limited to thirty years* for BART to operate/ maintain/ improve the Santa Clara County BART extension.
 - "...such tax to be used by the Bay Area Rapid Transit District (BART) to operate, maintain and improve the 16.1 mile BART extension to Santa Clara County."

*30 years are measured from the date sufficient state and federal funds are secured to match local construction dollars (2012)



O&M Agreement - Flow of Funds

2008 Measure B Sales Tax Flow of Funds





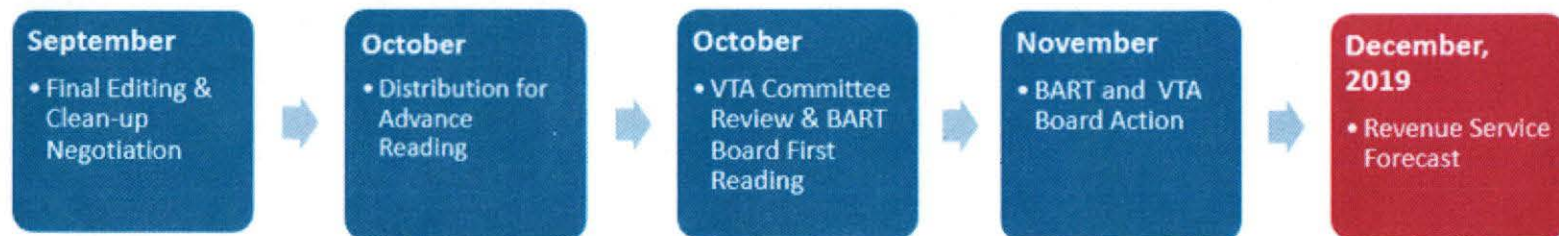
O&M Agreement

Other Key Open Issues

- Large Capital Investment Projects
- Termination for Convenience
- Annual Capital Investment Financial Plan



Steps to O&M Agreement Execution





BART Silicon Valley Extension

QUESTIONS?