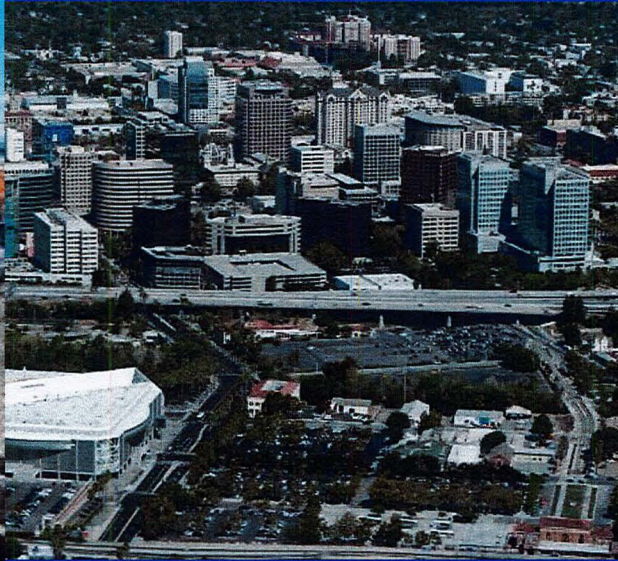# Silicon Valley BART Extension: Phase 1 Update
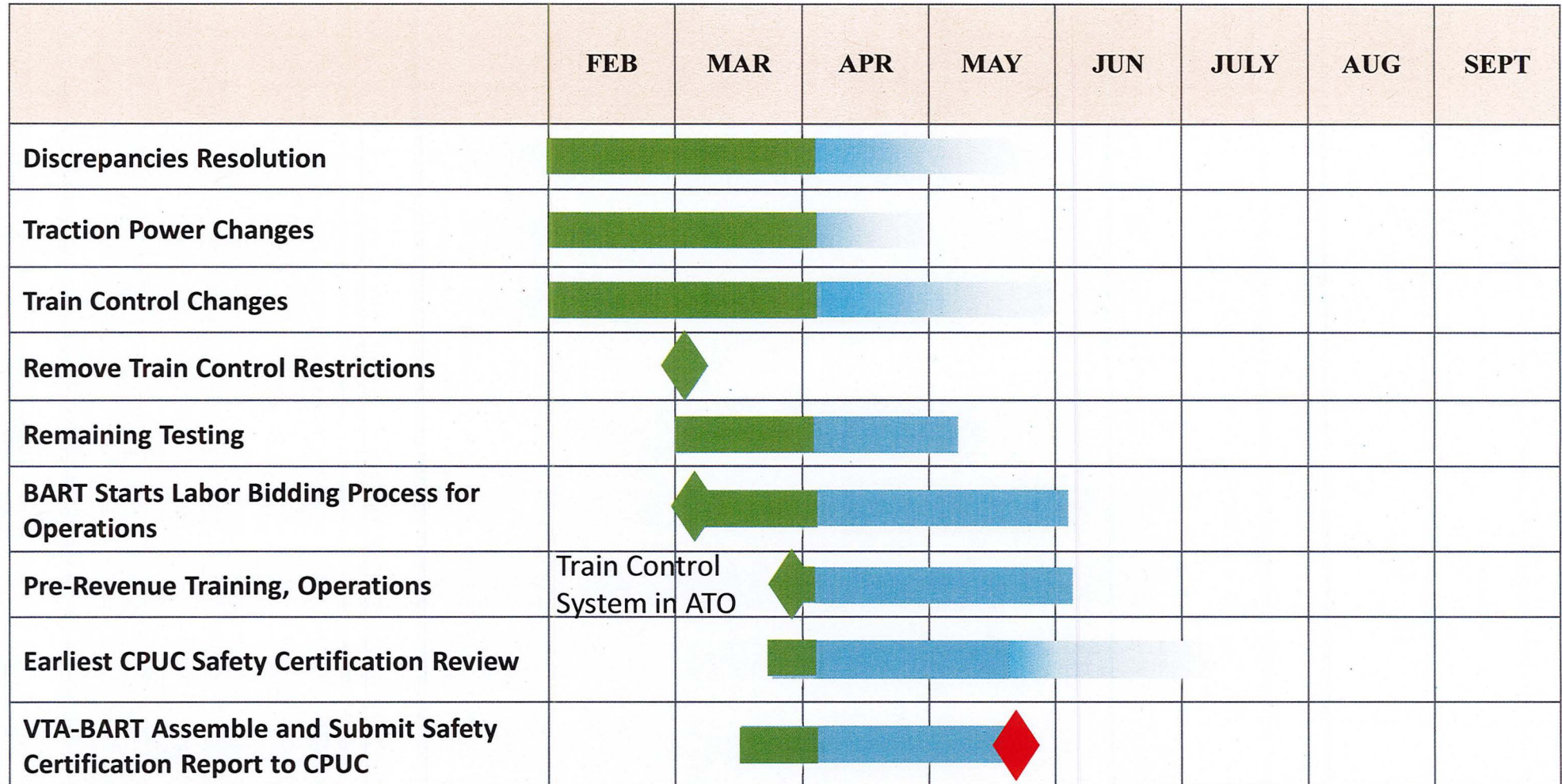

Board of Directors Presentation
April 9, 2020

Framework for Revenue Service

	FEB	MAR	APR	MAY	JUN	JULY	AUG	SEPT
Discrepancies Resolution								
Traction Power Changes								
Train Control Changes								
Remove Train Control Restrictions								
Remaining Testing								
BART Starts Labor Bidding Process for Operations								
Pre-Revenue Training, Operations	Train Control System in ATO							
Earliest CPUC Safety Certification Review								
VTA-BART Assemble and Submit Safety Certification Report to CPUC								

- Train Operator training and familiarization begins on 4/06
- Earliest review of Safety documents with California Public Utilities Commission (CPUC) from 3/23
- Pre-Revenue Operations Simulations begin on 4/20
- Green diamonds represent completed milestones; red diamonds are upcoming milestones

2

Status of Discrepancies & Disputed Items
As of April 1st, 2020

Description	Open	Closed	Total
Required Before Revenue Service (*Category A*)	207	558	765
Required Post-Revenue (*Category B*)	295	387	682
Grand Total	502	945	1447

Notes:

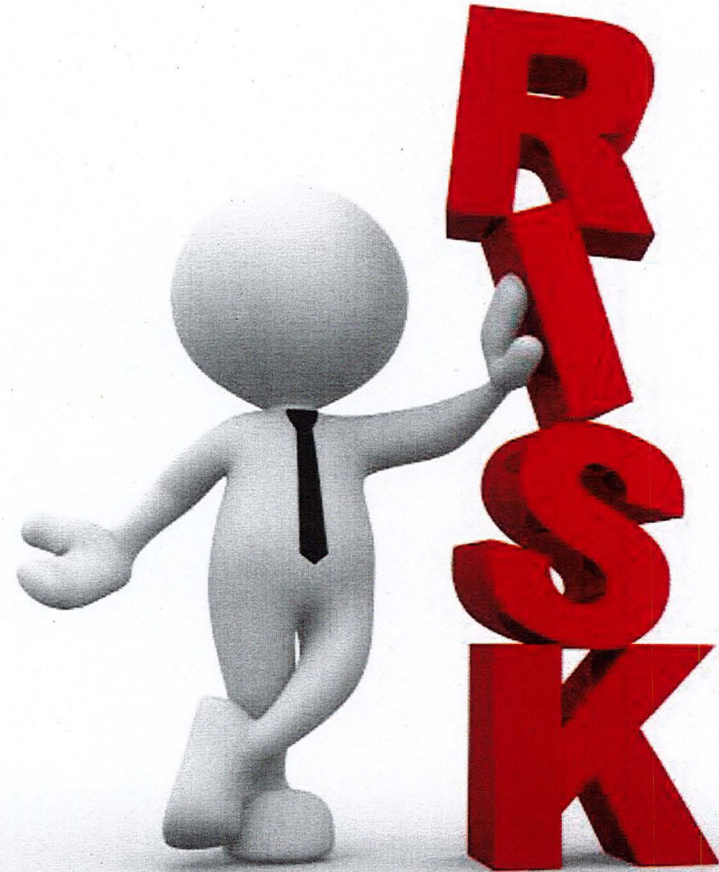* Includes discrepancies with pending BART verification & closure evidence review

High

- CPUC System Certification to support accelerated schedule

Medium

- Resolve revenue-required discrepancies
- Monitor RIDS testing

Low

- BART/VTA committed joint delivery
- Improved shadowing
- Duration of BART Testing

ATC System Progress in March:

- Automatic Train Operation (ATO) is in place

- Installation of the solution for correct train berthing position at the station platforms is complete; final adjustment being made

- BART has re-started Testing of the Automatic Train Control system

Views from the Train Control House at Berryessa Station.

Traction Power Progress in March:

- Re-started BART Testing

- Accomplished almost all change order work

- Successful programming of the Microprocessor Protective Relay (IPR) and modernizing the protection system
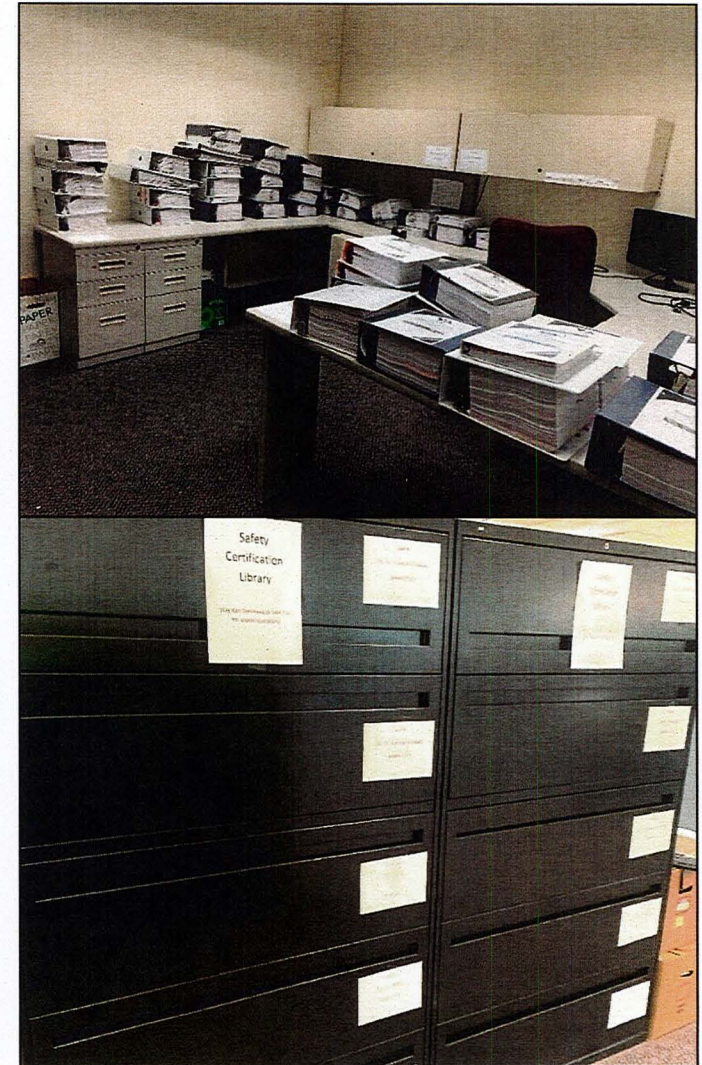

RIDS Progress in March:

- Enhancement for RIDS System has been implemented systemwide

- Base configuration training has been provided to the OCC

- Demonstration Training (with enhancements) has begin for Maintenance

6

VTA-BART Joint Panel achievements in March:

- Created a comprehensive hard-copy archive of the documents required for safety certification, including 144 binders containing the back-up documentation for the design, construction, and testing safety verification

- Established a digital archive of test reports for CPUC to review

- Invited CPUC to preview all these resources in advance of the submittal of the final Safety and Security Certification Verification Report

- Continued coordination with CPUC for the witnessing of BART's verification testing

- Complete BART Testing
- Complete required training
- Proceed with Pre-Revenue Operation
- Address discrepancies required prior to Revenue Service
- Complete and submit Safety and Security Certification Verification Report

QUESTIONS?