



BART and VTA Silicon Valley Extension Project Phase I Update

May 23, 2019





VTA's BART Silicon Valley Extension



- Phase I - \$2.4B Project
 - 10 - miles
 - 2 stations
 - Under VTA control
 - BART providing support
- Other Efforts
 - O&M Agreement
 - Phase II Configuration



VTA Performance & Control

BART Performance & Control

Station Construction



Complete landscaping, station interiors and exteriors

Static Testing



Perform all communications, track and signal tests

Dynamic Testing



Test train movements along 10-mile extension

6 Months

*Contingent on condition of:

- Assets when BART receives from VTA
- VTA test results and
- Punch list items*

Integration Testing



Integrate 10-mile extension *with* existing BART system

Safety Certification



Certify the safety and reliability of the integrated 10-mile extension

Passenger Service





Phase I – Schedule & Risk



FTA Letter to VTA

- Acknowledges VTA's planned completion date of December 31, 2019

Potential risks requiring mutual attention to efficiently open for Revenue Service

Train Control

Traction Power

Fire Life Safety

Network

VTA Testing Documentation

BART Testing with VTA support



Priorities for Mutual Attention



#	Critical Systems	Status/Potential Risk
1	Train Control	
2	Traction Power	
3	Fire Life Safety	
4	Network	



BART Preparing to Test



BART Verifying VTA Testing



System Not Ready for BART Testing



Priorities for Mutual Attention



Steps taken so far:

- Established focused groups for critical systems with regular stakeholder meetings
- Instituted “Strike Teams” in collaboration with VTA and its contractors as BART prepares to start Testing
- Daily meetings with VTA and its contractors to status, plan and execute access for testing as work continues
- Starting “Track Allocation” process to prepare for dedicated BART testing



BART Preparing to Test



Saturday, May 4, 2019

BART Track Hi-rail Vehicle performing track modifications at future Berryessa Station



Train Operators for "Fleet of The Future Video Shoot"



BART Preparing to Test



Next steps:

- *Start BART Testing in areas where access is ready, available, & feasible*
- *Continue identifying issues and assigning the right resources to solve*
- *Continue Daily meetings, Strike Teams, and Track Allocation preparation*
- *Change configuration once BART receives full access of facilities*
 - *BART performance and control*
 - *VTA and its contractors to support BART testing*