VTA's BART Silicon Valley Phase II Extension

Project Update

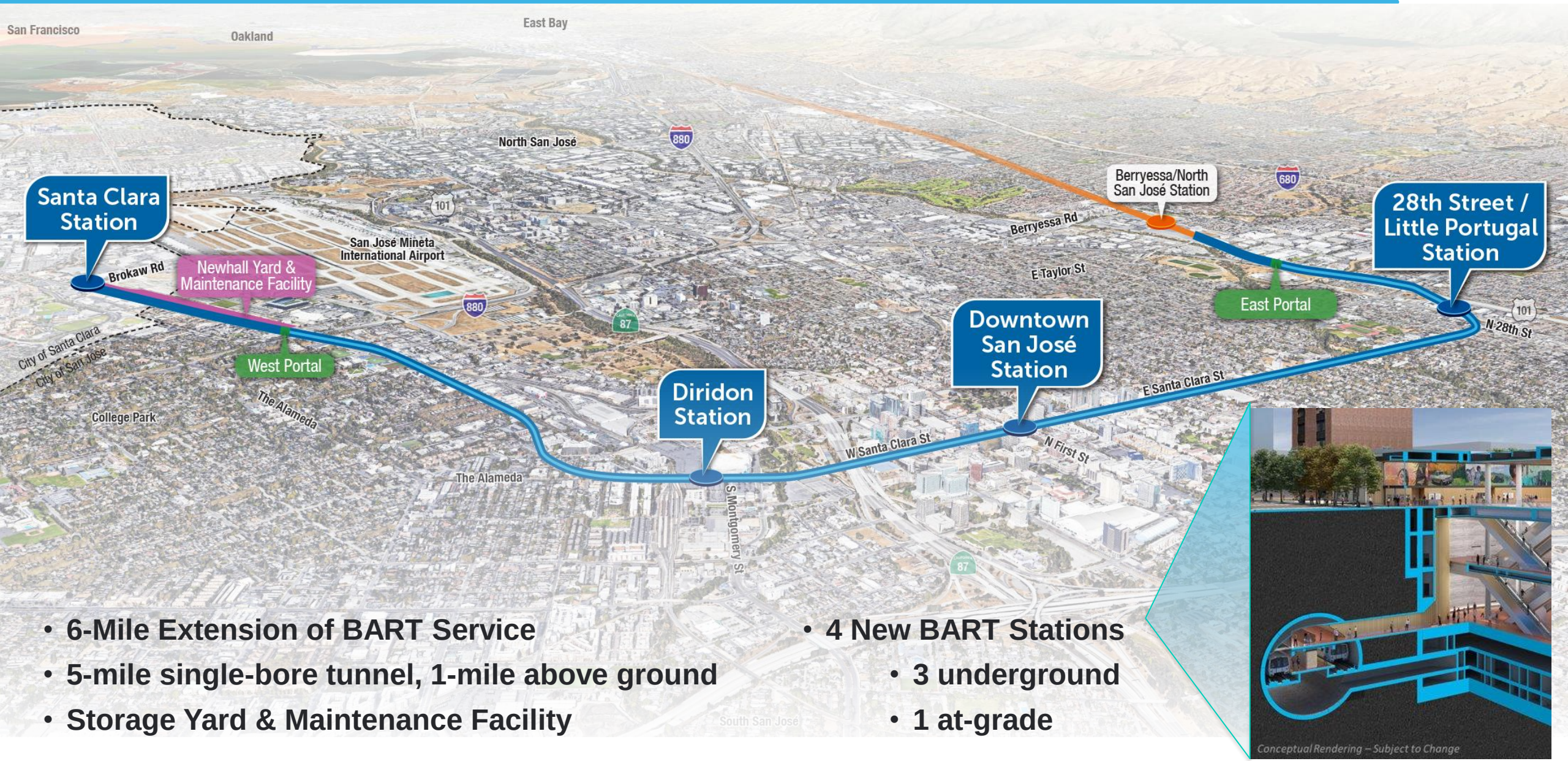
MTC Programming & Allocations Committee

October 9, 2024

Santa Clara Valley Transportation Authority

Solutions that move you

VTA's BART Silicon Valley Phase II Extension Project



- 6-Mile Extension of BART Service
- 5-mile single-bore tunnel, 1-mile above ground
- Storage Yard & Maintenance Facility

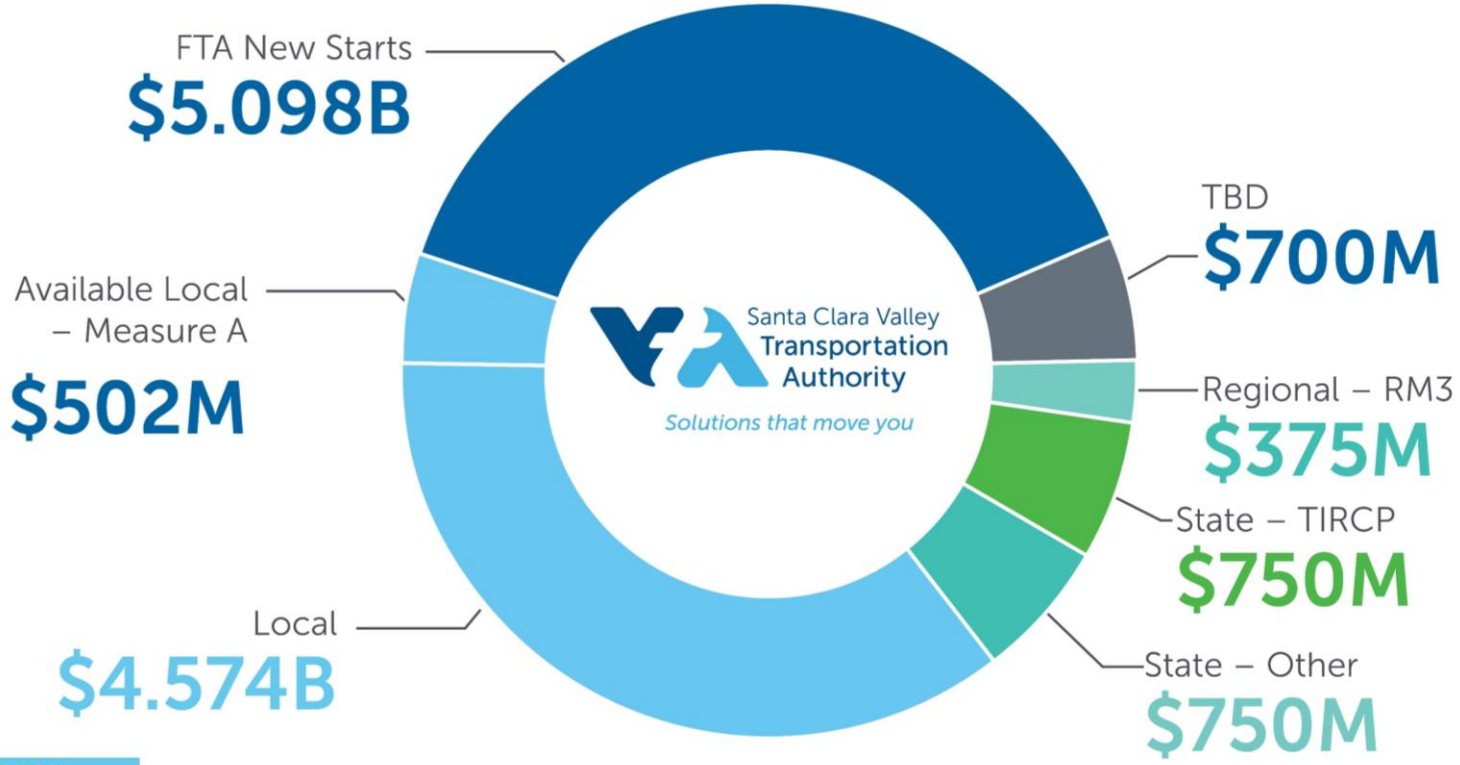
- 4 New BART Stations
  - 3 underground
  - 1 at-grade

Project Update

- Accepted into FTA New Starts Engineering on August 1st with a 40% ($5.1B) federal contribution
- Cost saving efforts underway including reduction in professional services
- Continued evaluation and pursuit of additional non-local funding sources
- Regular progress and risk review meetings with FTA/PMOC in anticipation for FFGA
- Contract Package 2, Tunnel & Trackwork discussions and negotiations
- Ongoing community and stakeholder engagement

Project Funding Sources

- Addressing the Funding Gap
  - Cost Saving Effort
  - Explore non-local funding options



Note: Subject to change pending further analysis.

Guardrails for Cost Saving Effort

NEPA/CEQA

- 2018 FTA Record of Decision (including Re-Evaluations)
- 2018 VTA Board Certification of SEIR (including Addenda)

Ridership Forecast

- 55,000 Daily Weekday Riders

Risk Profile

- Q1 2025 Risk Assessment

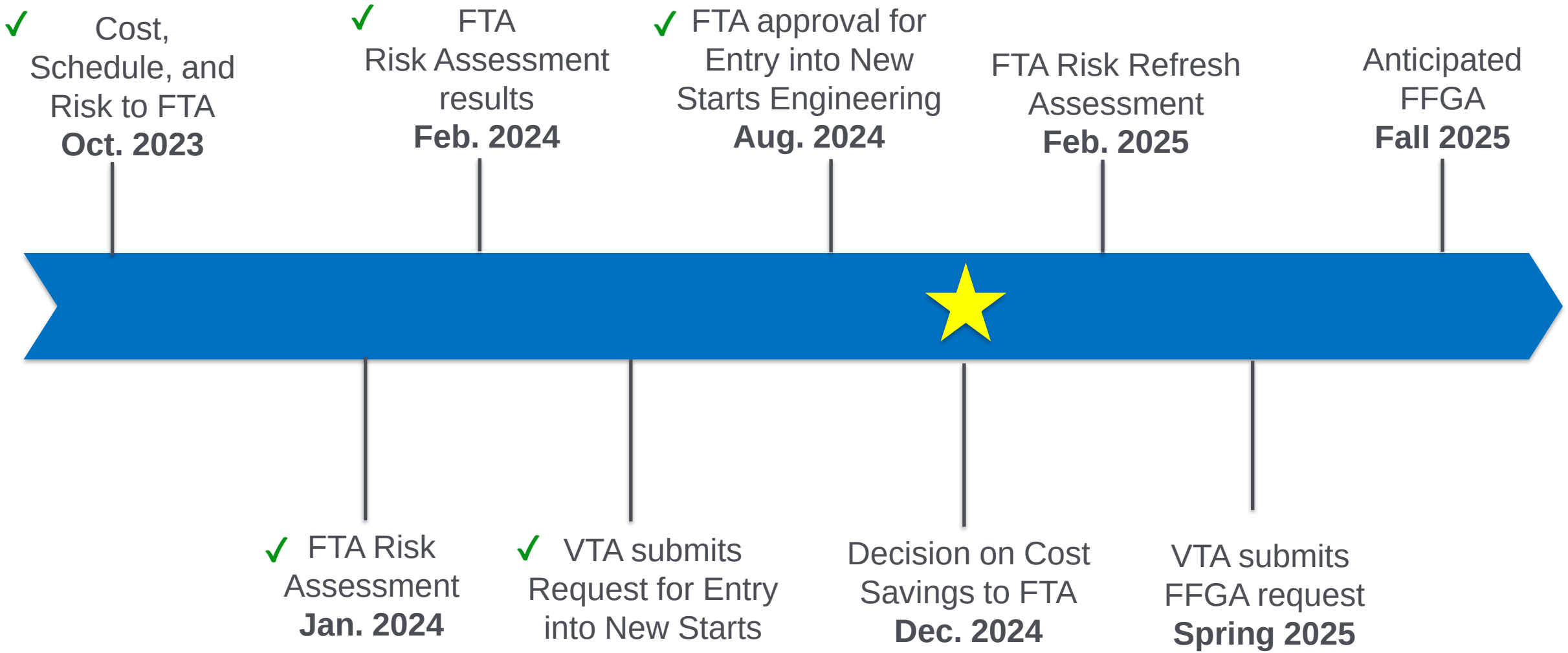
Major Cost Saving Ideas

Project Area	Ideas	Description
Tunnel/ Contract Package 2	Tunnel Interior Reconfiguration	*Alternate build out of tunnel interior*
	Tunneling from east and west	*Tunnel from both ends of the project alignment (East and West Portals)*
	Alternate build out of structure walls	*Alternate design and construction for certain elements of the portal and station structures (vent, egress facilities)*
	Muck off-haul options	*Continued exploration of alternative off-haul locations for excavated material (Salt Ponds, other locations)*

Major Cost Saving Ideas

Project Area	Ideas	Description
Stations	Station Layout Reconfiguration	*Review of size, arrangement, layout and aesthetic features of all stations*
Parking	Parking Structure Reduction	*Reduce amount of parking structure spaces through conversion to surface level*
Yard & Maintenance Facility	Storage and Facility Reduction	*Reduce vehicle storage, maintenance, shops and facilities through further coordination with BART*
Criteria/Requirements	Review of criteria/ requirements	*Further review and assessment of technical design criteria, specifications, and systems requirements without compromising safety or code compliance*

Path to FTA Full Funding Grant Agreement (FFGA)



Future Community & Board Engagement

- October Community Working Group (CWG) Meetings
- October 10th update to VTA BSVII Oversight Committee
- October/November CWG Meetings
- November VTA Board of Directors Workshop (TBD)
- November 14th update to VTA BSVII Oversight Committee
- November CWG Meetings
- December Presentation to VTA Board of Directors

Questions?