

City of San Jose Department of Transportation



Jim Ortbal, Director
John Ristow, Deputy Director
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Transportation and Environment Committee
March 5, 2018

Presentation Overview

Update on activities of major regional rail projects under development and converging at Diridon Station.

Status updates on following projects:

- BART Extension
- High-Speed Rail
- Caltrain Modernization
- Diridon Station

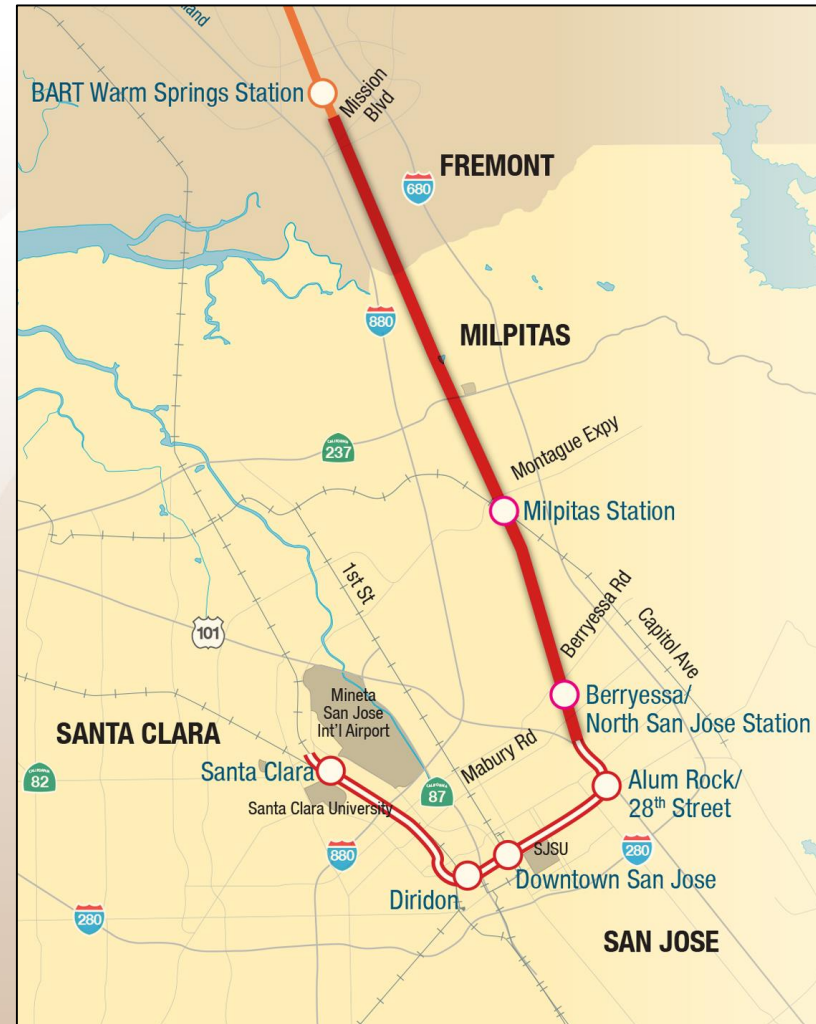
VTA's BART Silicon Valley

Phase I Extension

- 10-mile extension under construction
- 2 stations: Milpitas & Berryessa/North San Jose
- Anticipated opening year ridership: 23,000 per average weekday
- \$2.4 billion

Phase II Extension

- 6-mile extension (5-mile tunnel)
- 4 stations (28th Street, Downtown San Jose, Diridon, Santa Clara)
- Newhall Yard Maintenance Facility
- Anticipated opening year ridership: 33,000 per average weekday
- 2026 Passenger Service
- \$4.7 billion



*Pre-Risk Assessed \$, excludes finance costs

Key Milestone Schedule: Phase I



BART Silicon Valley

Sequence of Events to Complete Phase 1



Station Construction



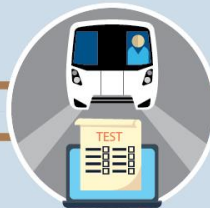
Complete landscaping, station interiors and exteriors

Static Testing



Perform all communications, track and signal tests

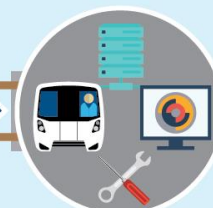
Dynamic Testing



Test train movements along 10-mile extension

Winter 2018

Integration Testing



Integrate 10-mile extension **with** existing BART system

Safety Certification



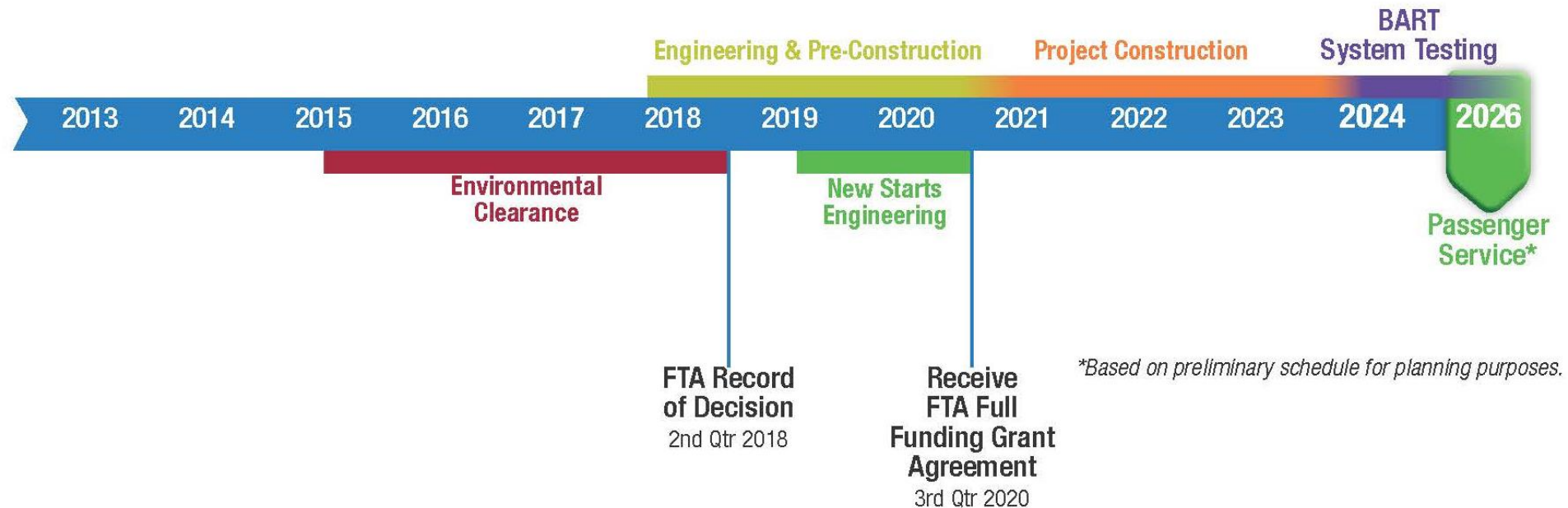
Certify the safety and reliability of the integrated 10-mile extension

Passenger Service



Solutions that move you

BART Phase II Timeline



BART Phase II Updates / Next Steps

- City Council direction in September 2017 on:
 - a) Station locations:
 - (1) Downtown ‘West’ Option,
 - (2) Diridon ‘North’ Option
 - b) Support for single bore tunneling method
- Federal Transit Administration granted 3-mo. extension in approval process to investigate feasibility of single bore tunneling option
- February 18, 2018 release final environmental document
- April 5, 2018 VTA Board action on tunneling methodology

California High-Speed Rail

- Brian Kelly new CEO February 1
- Draft 2018 Business Plan to be published March 9
- Geological tests to gain better understanding of soil conditions near proposed alignment in San Jose
- HSR alignment alternatives and options

Caltrain

- Electrification between Tamien and SF underway. Revenue service early 2022.
- Preparing first business plan, which envisions increased service w/ anticipated completion end of 2018.
- \$650M application submitted to California Transit and Intercity Passenger Rail Program to electrify entire fleet.

City-Generated Option

- In response to concerns raised by stakeholders, City developed new option for accommodating high-speed rail through City.
- Objective to minimize project impacts over 21 mile alignment within San Jose while meeting HSR design requirements.
- Discussions on integrating new option into Caltrain Business Plan and CAHSR environmental processes ongoing.

July 2017 European Stations Tour



- Aim big and bold
- Transportation projects are “urban” (city-building) projects
- Design from the tracks out
- People-centered design
- Seamless intermodal connections

Diridon Integrated Station Concept Plan



Purpose: Bold, Integrated and innovative solutions to which partners can commit

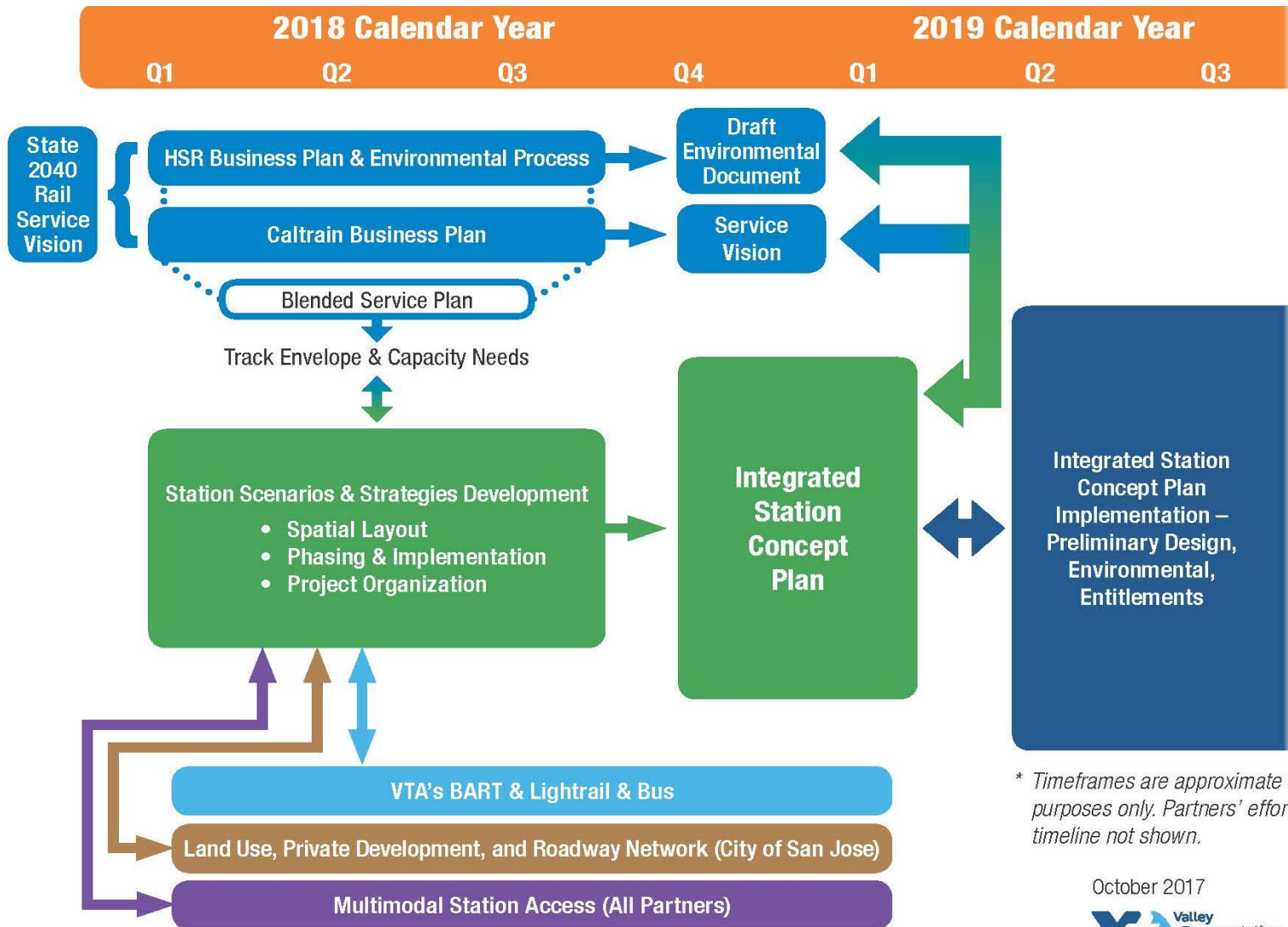
Management: Interagency Partnership (VTA contracting agency)

Duration: 12 – 18 months

Key Components:

- Spatial layouts with multi-modal access
- Urban design vision, integration of transportation and urban design
- Implementation strategies, stakeholder management

Concept Plan Framework



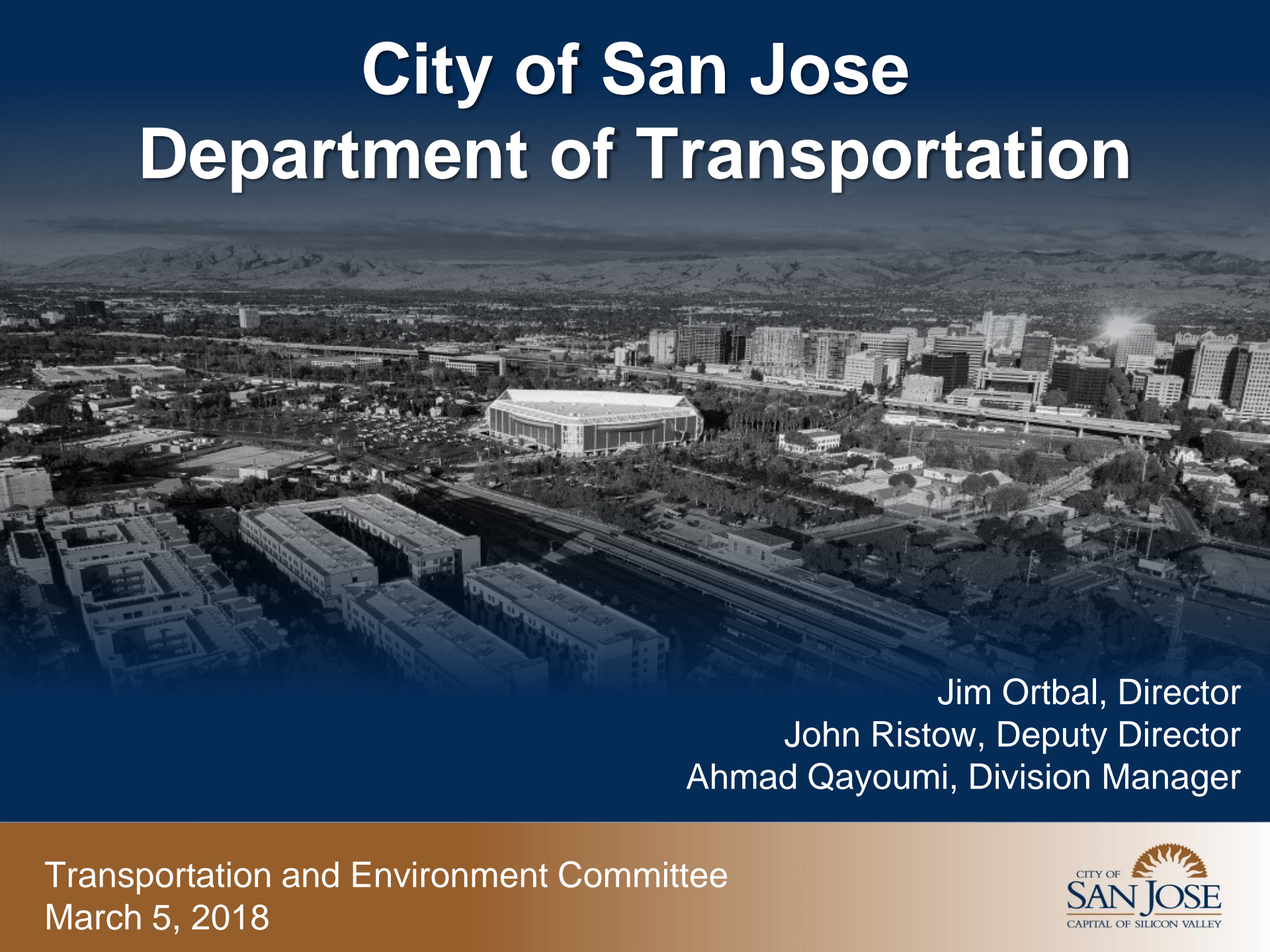
* Timeframes are approximate for planning purposes only. Partners' efforts full timeline not shown.

Concept Plan Next Steps

- RFP process to identify firm with significant international experience in urban rail hub design. VTA to approve contract June 2018.
- Cooperation Agreement to establish collaboration framework of Diridon Partner Agencies. Final approval in May 2018.



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