

Ask VTA: VTA's BART Silicon Valley

February 29, 2024

Today's Agenda

- Welcome
- Meet VTA Staff
- Getting to know you and how you get around
- VTA's Role in Santa Clara County
- BART Silicon Valley (BSV) Program
- **Ask VTA: Questions and Discussion**
- Thank you



Participating Staff

- Tom Maguire – Chief Megaprojects Delivery Officer
- Bernice Alaniz – Director of External Affairs
- Erica Roecks – External Affairs Team Member
- Erin Sheelen – External Affairs Team Member

Quick Poll:

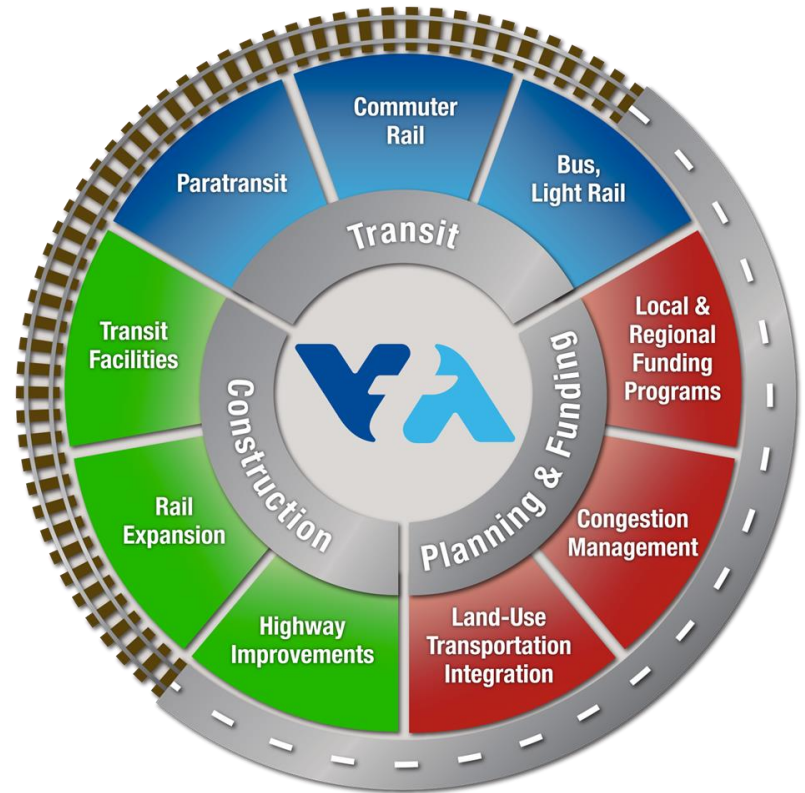
How do you get around Santa Clara County?



VTA's Role in Santa Clara County

VTA is more than buses and light rail. As the County Transportation Agency, we also:

- Act as a funding conduit for local cities and other agencies
- Design and build transit facilities, highway improvements, and expand rail service
- Plan for congestion management and land-use
- Design, build and own BART to Silicon Valley infrastructure in Santa Clara County



VTA's BART Silicon Valley Phase II Extension Project



VTA's BART Silicon Valley Program



Phase I Extension

- 10-mile extension
- 2-stations
- BART service started in 2020

Phase II Extension

- 6-mile extension (5-mile subway)
- 4-stations
- Newhall Yard & Maintenance Facility



Ring the Bay with fast, frequent transit

Phase I Project – Berryessa Extension



- Two new VTA transit centers with BART stations in Milpitas and Berryessa/North San José
 - Bus transit centers
 - Secure bicycle parking
 - Paid vehicle parking
 - Taxi/TNC/shuttle drop-off/pick-up space
- Opened in 2020



VTA's BART Silicon Valley Phase II Extension



BART System Map



Monday to Saturday Until Evening
5-Line Service

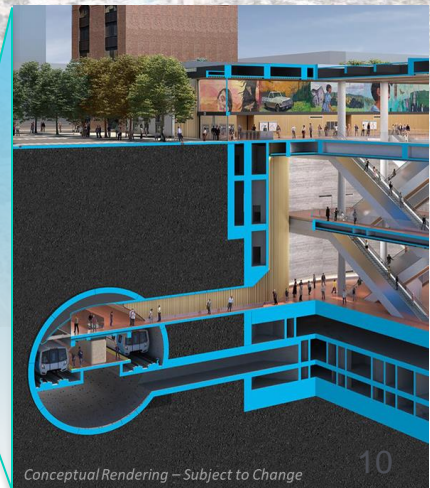


Remaining six miles to “Ring the Bay” with rail!

VTA's BART Silicon Valley Phase II Extension



- 6-Mile Extension of BART Service
- 5-mile single-bore tunnel, 1-mile at-grade
- Storage Yard & Maintenance Facility
- 4 New BART Stations
- 3 street-level entry/ underground platforms
- 1 at-grade



Project Details



Planned daily BART service
every 7.5 minutes



Single-bore
with trains side by side



Featured in the Bay Area's Long Range Transportation Plan, PLAN BAY AREA 2050, as part of a regional priority for transit expansion to support the region's growth



Direct Megaregional BART Connection between four largest Bay Area Cities (San Francisco, Oakland, Fremont, San José)



Project accepted into competitive federal New Starts Grant Program, providing for a substantial federal contribution

Project Benefits



Average travel time savings
benefit of 30 minutes for a 50-mile commute



Providing equitable transit for low-income communities



Connecting 1.7M transit-dependent riders annually to high-quality transit



Intermodal connection to Caltrain, intercity, light rail, and regional bus services



VTA buses will continue to serve **44,000 weekday riders** during construction



5,600 student riders (San Jose State University/ Santa Clara University) projected to use the system daily



Access to **3.5M Bay Area jobs** for **2M people** in Santa Clara County



Access to **1M jobs in Silicon Valley** (Adobe, Apple, Zoom, etc.) for Bay Area commuters



Activation of station sites and streets that foster **walkability, vibrancy, activity, and a sense of community**



Spur **60M sq ft** of new development and housing within walking distance to the alignment



Minimized disruption to local businesses through single-bore construction methodology







VMT reductions estimated to **reduce annual CO emissions by 50.0 tons** and annual greenhouse gas emissions by 19,500 tons per year by 2040

VTA & BART Partnership






Santa Clara County is not part of the BART district. A Comprehensive Agreement and an Operations and Maintenance Agreement provide a framework for the partnership.

Santa Clara Valley Transportation Authority (VTA) Responsibilities

-  Pay all costs associated with the extension
-  Contracting/Procurement
-  Construct to applicable BART/industry standards, codes, and regulations
-  Retain ownership of infrastructure

Bay Area Rapid Transit (BART) Responsibilities

-  Technical assistance
-  Operations
-  Maintenance
-  Service Planning

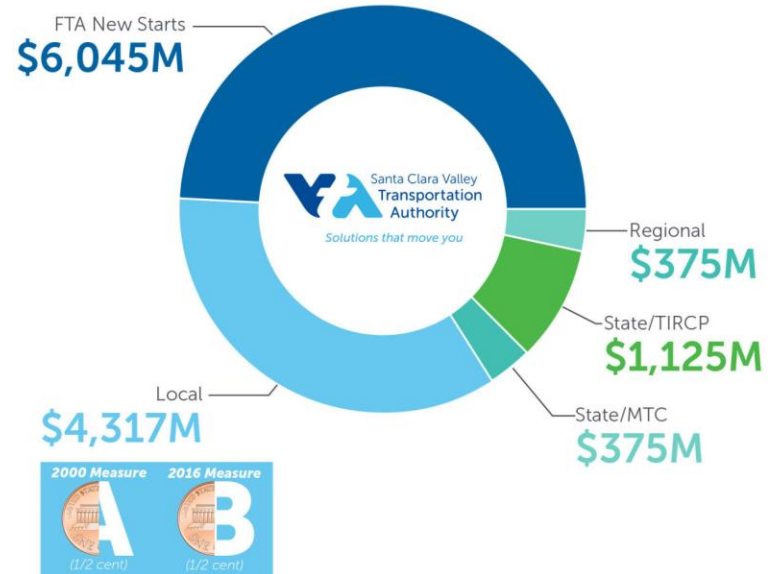
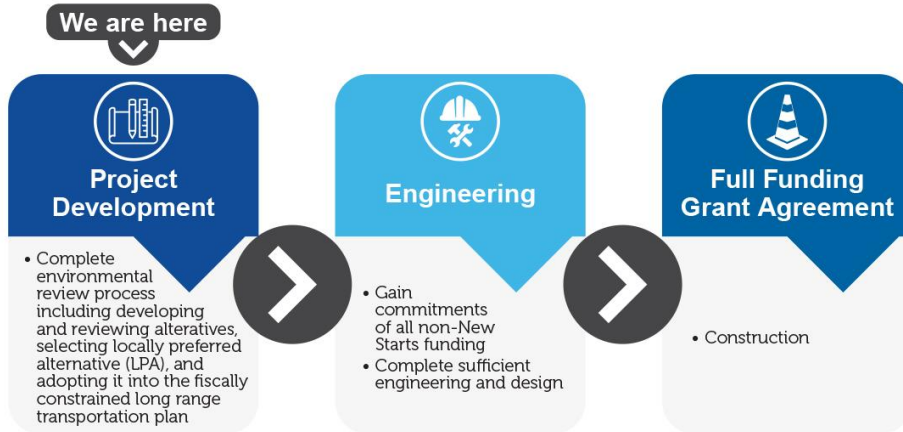
An integrated VTA and BART team, the Rail and System Organization (RSO) has been established and is responsible for developing project specific requirements defining the applicable BART, federal, state, and local industry standard.

Program Schedule

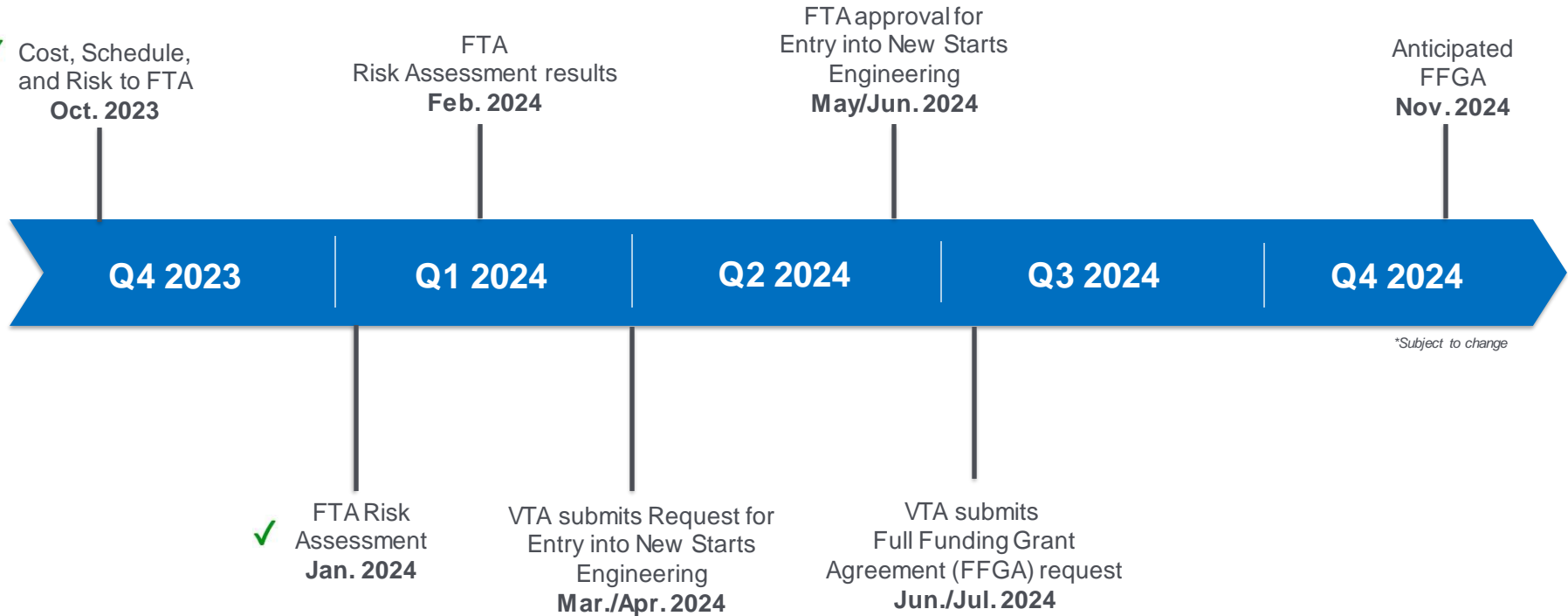


Based on preliminary schedule for planning purposes.

New Starts Process



Next Steps with Federal Transit Administration (FTA)



**Subject to change*

28th Street/Little Portugal BART Station



6,700
Riders
by 2040



1,200
Onsite
Parking



Bicycle
Parking



Close to
Future
Rapid Bus
Service



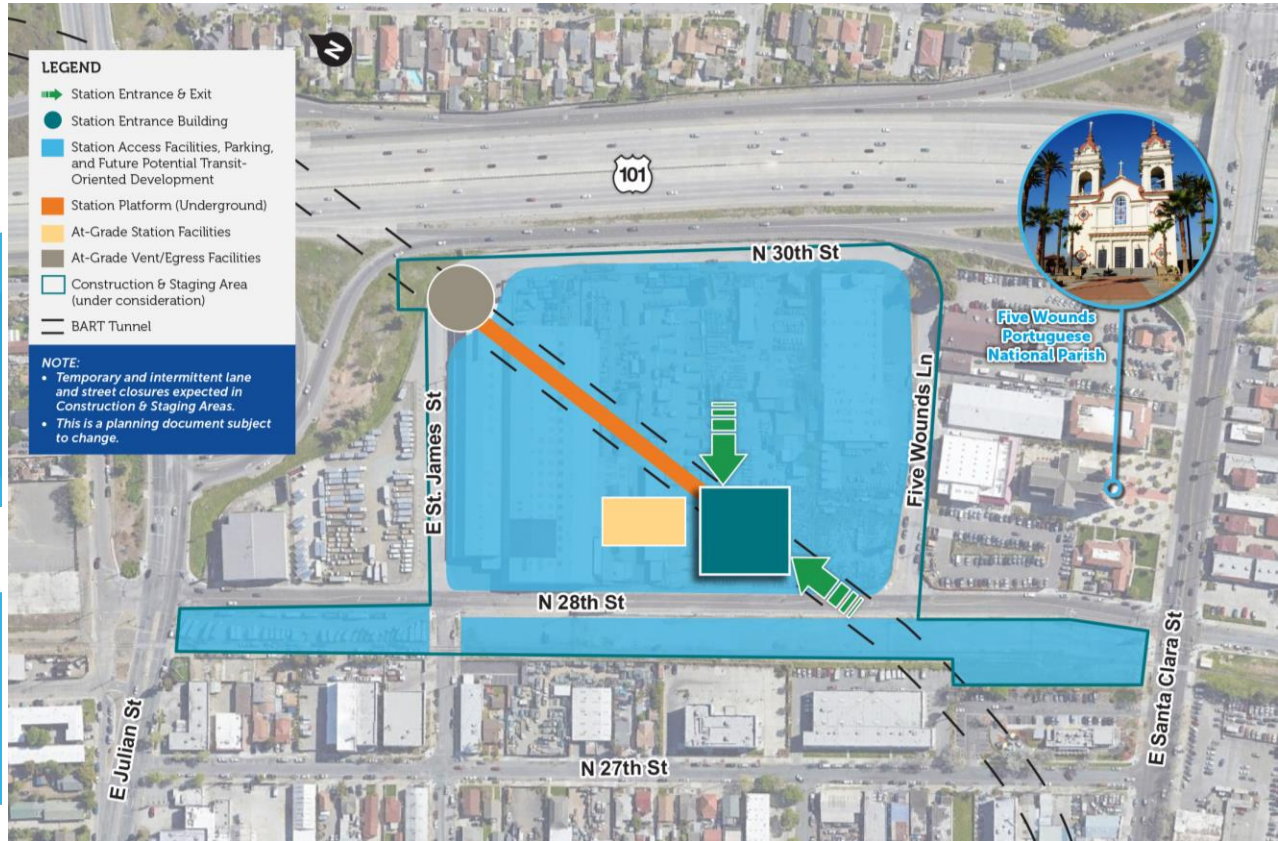
Potential
Transit-
Oriented
Development



Connected
to Future
Five Wounds
Trail



Station
Plaza



Downtown San José BART Station



27,900
Riders
by 2040



Entrance
on Santa
Clara Street



Bicycle
Parking



Ticketing
Gates at
Street Level



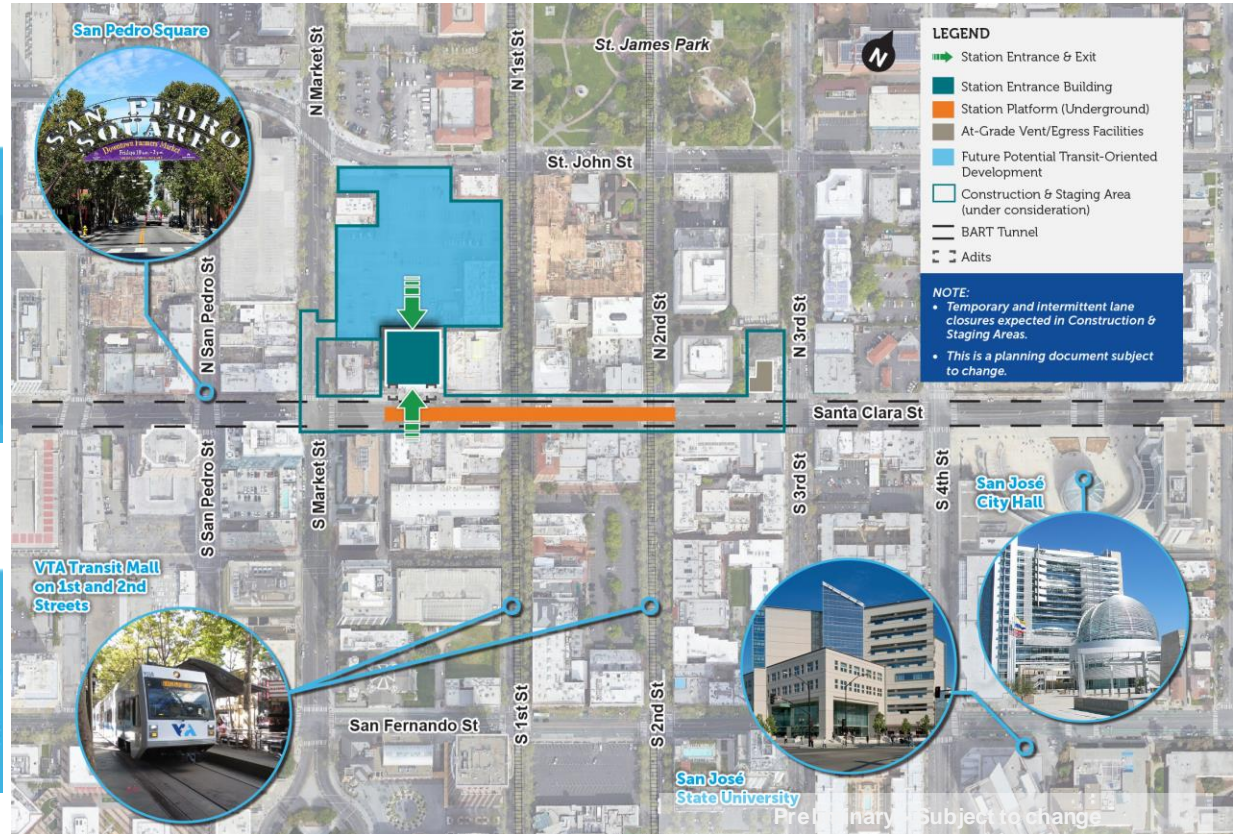
Surrounded
by on-site
Transit-
Oriented
Development



Connects to
VTA Bus/
Light Rail



Walking
Distance to
Numerous
Landmarks &
Amenities



Diridon BART Station



9,900 Riders
by 2040



Bicycle
Parking



Entrances on
Cahill and
Montgomery
Streets



Ground Level
Connection to
Diridon Caltrain
Station and
Transit Center



Across from SAP Center,
Downtown West,
and Future Diridon
Intermodal Station



Santa Clara BART Station



10,100 Riders
by 2040



500 Parking
Space Garage
above Yard
Storage &
Transfer Tracks



Bicycle
Parking



Connection
to Gateway
Crossings, Santa
Clara Caltrain
Station, VTA
buses, and rail



Walking
distance to
Santa Clara
University &
PayPal Park



Transit Oriented Development Opportunities



The entire corridor has the potential for up to **60 Million Square Feet** of new development

SANTA CLARA STATION

New Development:
12.7 Million sq. ft.

DIRIDON STATION

New Development:
15 Million sq. ft.

DOWNTOWN SAN JOSÉ STATION

New Development:
23.8 Million sq. ft.

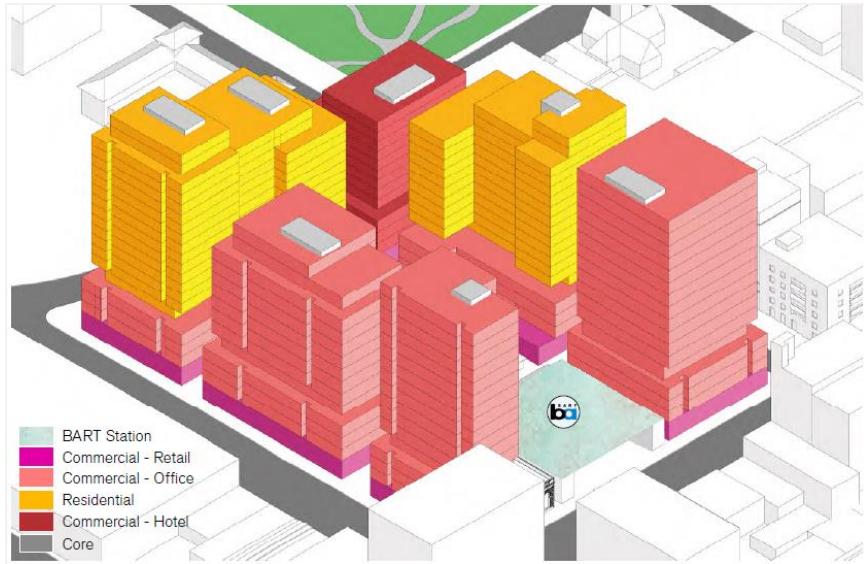
28TH ST / LITTLE PORTUGAL STATION

New Development:
8.5 Million sq. ft.

Development Planning Around Stations



VTA's Downtown San José Station Design Development Framework (DDF) identifies potential for 1.8 million sq. ft. of new mixed-use development around the future BART station



VTA's 28th Street/Little Portugal Station Design Development Framework (DDF) is underway



A minimum of **25%** Affordable Housing is required for any developments on VTA-owned sites



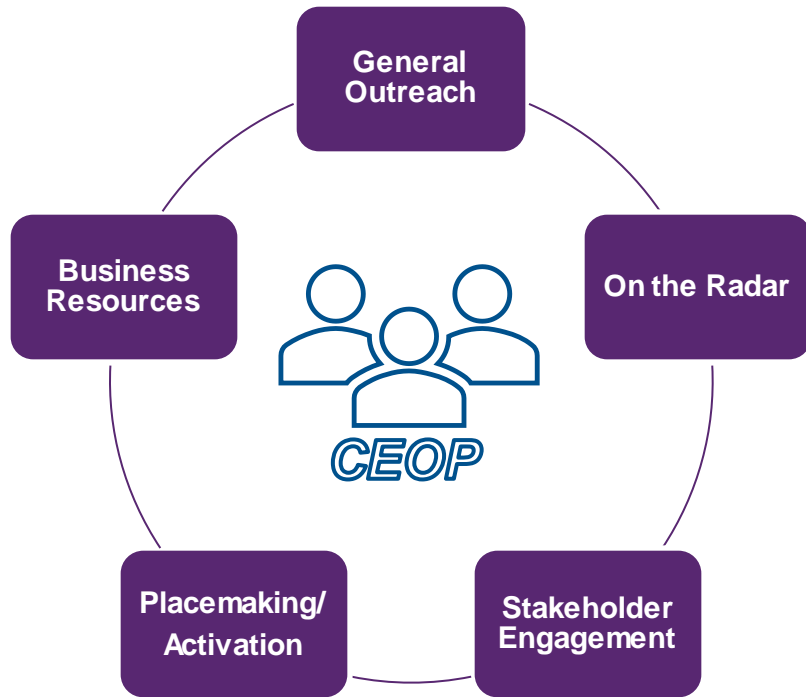
Construction Education and Outreach Plan (CEOP): communication during construction between VTA, cities of San José and Santa Clara, and the public



Construction Transportation Management Plan (CTMP): coordinate circulation and access needs within and around the construction areas for all transportation modes



Emergency Services Coordination Plan (ESCP): coordinate with local emergency services to minimize impact to emergency service routes and response times due to construction activities



Five Elements

- **General Outreach** – Raise visibility along the alignment and beyond about major milestones & activities in planning, design and construction
- **Stakeholder Engagement** – Build relationships with those most touched by the project
- **Business Resources** – Support during construction
- **Placemaking/Activation** – Enhance access and awareness during construction
- **On the Radar** – Coordinate with other projects in area on messaging and communications

Business Resource Program Elements



Signage and Wayfinding

BUSINESSES OPEN DURING CONSTRUCTION

OnPoint Camera, • Limitless Accounting • Café Mocha
Fitness Center • Food Creation • Sandwich Spot

Shop Local Marketing is a VTA sponsored program that provides business media and marketing assistance during the BSV Phase II construction.
Make sure to check out the Preferred Vendor List to see how you can support local!

EAT SHOP LOCAL

Small Business Resource Authority

Source: Valley Metro Deals and Discounts

Shop Local Marketing

EAT SHOP LOCAL

Source: Valley Metro Deals and Discounts

Marketing for small businesses

Source: SCORE Business meetings and training

We're helping local businesses as we build.

Source: Valley Metro South Central Community Office

Source: LA METRO Small Business Report Highlight

Small Business Resource Connections and Support

Direct Financial Assistance



Construction Transportation Management Plan (CTMP):

- Developed for upcoming construction annually to reflect upcoming construction activities
- Conducted over 30 business interviews & surveys
- Coordinated with fire and emergency services



Emergency Services Coordination Plan (ESCP):

- Developed in close coordination with fire & police representatives
- Sets requirements & processes for coordination between contractor(s) & local emergency services to minimize construction-related impacts to emergency service routes and response times.
- Included as an attachment to the Draft CTMP and will be reviewed and finalized concurrently with each Contract-Specific CTMP.



Contract Specific Construction Transportation Management Plan (CTMP) Development



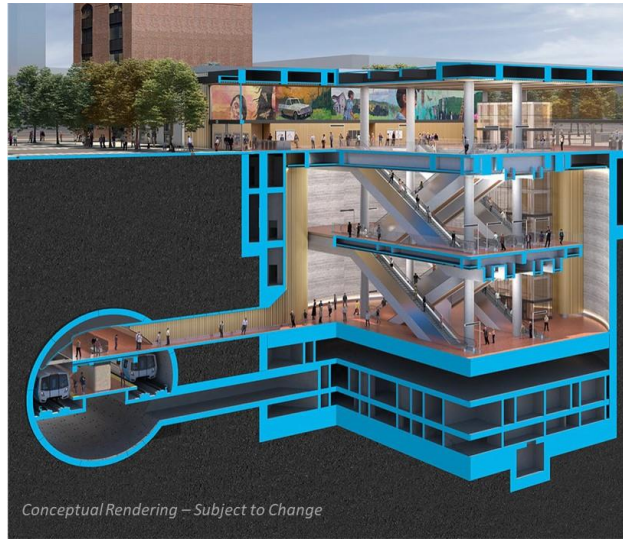
Recent Project Activities



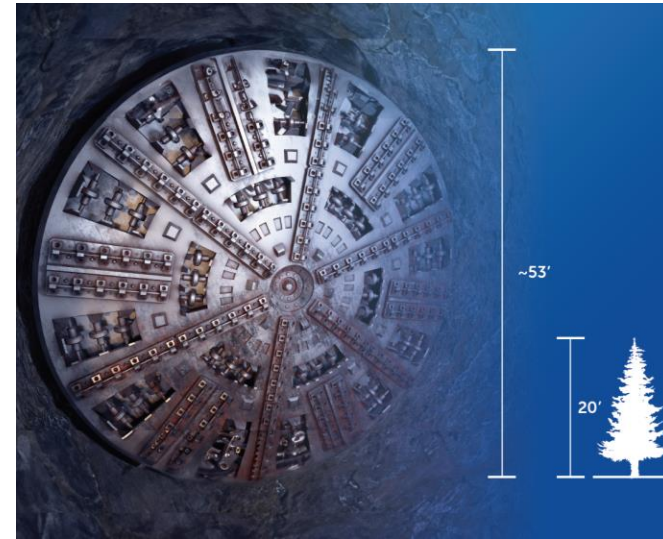
Tunnel and Trackwork Contractor Innovations



Station Design Refinements



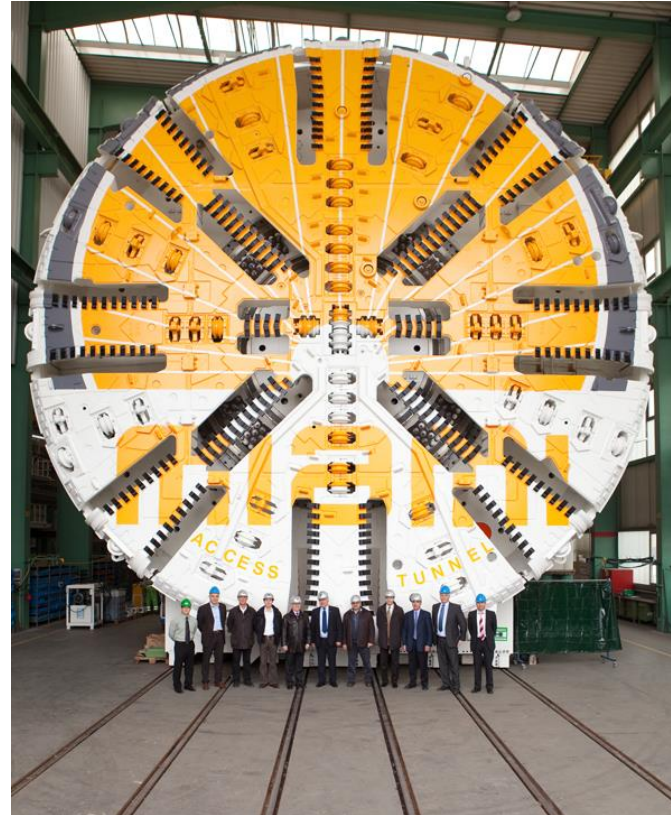
Ordered Tunnel Boring Machine



Pressurized Tunnel Boring Machine



- Tunnel Boring Machine (TBM) methods must match ground conditions
 - Phase II alignment has soft soil conditions
- TBM creates tunnel as it removes soil, rocks, and debris (together known as 'muck') and progresses through the alignment



Example TBM

Construction Outreach



Coordinate with cities and developers on ongoing and upcoming adjacent construction projects



Coordinate with Cities on wayfinding, messaging, street closures, and detours



Monitor that all construction parking is within the construction staging areas



Coordinate with Engineering and Environmental Teams on upcoming construction and geotechnical work



Build out of Construction Notices

- *Physical door knocking & flyering*
- *Online alerts & website updates*



Resources

- *Interactive Live Construction Map*
- *Sign up for construction activity notices at www.vta.org/bsv2updates*

Upcoming Activities in Spring and Summer 2024



Business Resource Program



Design Review Committees (Round 2)



Start of Early Construction Activities at Newhall Yard



New Project Website Coming Soon!



- Key Website Pages Include:
 - Project Features
 - Stations, TBM, and Alignment
 - Project Benefits
 - Project Transparency
 - How to Contact Us
 - Construction Outreach
 - Interactive Construction Map
 - Business Resource Program
 - Community Outreach
 - Events Calendar

How do I learn more about the project?



Interactive Efforts



Tabling events throughout the year around the station areas



Community Working Group meetings



Public Meetings



Community Group Meeting Outreach

- *Reach out to have us present updates at your local Community Group/Neighborhood Association/etc.*
www.vta.org/about/subscribe

Resources



VTA's hotline number: **408-321-2345**

- *Call to learn more about specific project efforts and provide your feedback*



VTA's website: **vta.org/bart**

Sign up to get alerted on nearby construction and find Informational Factsheets, Newsletters, and Blog Posts



Email questions to: **vtabart@vtabsv.com**

Social Media



Twitter: **[@vtabsv2](https://twitter.com/vtabsv2)**

Facebook: **[@vtabsv](https://www.facebook.com/vtabsv)**

Instagram: **[@vtabsv2](https://www.instagram.com/vtabsv2)**

Today's Format

Ask VTA has been developed as a chance for the public to have a deeper discussion about the projects and programs that VTA delivers for the residents of Santa Clara County.

Today's Topic: VTA's BART Silicon Valley

Please note: This Ask VTA will focus on general questions about the project, including timeline, environmental process, overview on tunneling and construction. A second Ask VTA is planned for late spring to discuss specifics on stations.

We're here to answer questions about:

- Key milestones for the next two years
- How the BSV program is engaging with the community
- Program overview and timeline



Thank you!

**Join us on March 21, 6 – 7 p.m.
Ask VTA: Working for – and with! - VTA**

To learn more about VTA's BART Silicon Valley, visit
<https://www.vta.org/projects/bart-sv/phase-ii>

For questions, comments or topic suggestions for Ask VTA, email
community.outreach@vta.org