

VTA's BART Silicon Valley Phase II Extension Project

Santa Clara
Community Working Group Meeting
May 15, 2025



Agenda

Welcome & Recap

Transit-Oriented Development & Communities

Phase II Update

Construction Update

Thriving Business Program Update

Upcoming Meetings

Santa Clara CWG Members



- Alden Smith, Holland Partner Group
- **Ana Vargas-Smith**, *Reclaiming Our Downtown*
- Bella Burleigh, *SCU Service & Social Justice (SCCAP)*
- Jack Morash, *South Bay Historic Railroad Society*
- Jeanette Coran, *Santa Clara University*
- John Urban, *Newhall Neighborhood Association*
- Jonathon Evans, *Old Quad Residents Association*
- Rob Mayer, *Reclaiming Our Downtown*
- Ron Miller, *Bellarmino College Preparatory*
- Ryan Morfin, *San José Earthquakes*
- Sean Collins, *Santa Clara University*
- Todd Trekell, *Hunter Partners*
- Michael Liw, *City of Santa Clara*
- Sheldon Ah Sing, *City of Santa Clara*
- *Vacant*, *Silicon Valley Central Chamber of Commerce*
- *Vacant*, *College Park Neighborhood Association*

BSVII Outreach Recap



Recent Events:

- **April 9:** Cafécito
@ *Cristo Rey San José Jesuit High School*
- **April 10:** SCU Career Fair
- **April 13:** Viva Calle



Future Events:

- **June 8:** Viva Calle



- **Previous CWG topics:**
 - Stakeholder Toolkit in Word Format
- **Thriving Business Program Survey Feedback**
 - Incorporated refinements based on feedback
- **Meet and Greet (17)**
 - Next Steps for BSVII Team:
 - Re-engage with our inactive CWG members
 - Inquire with new organizations for participation
 - Continue Meet and Greet to engage CWG and communities
 - Adapt meetings and community engagement based on CWG feedback



Meet and Greet:

Would you have preferred to spend that time differently?

What have you heard from your community or organization?

Transit-Oriented Development and Communities Updates

2025 Transit-Oriented Communities Grant



VTA will fund \$750,000 in total to eligible applicants.



vta.org/TOCgrant



Planning and Policy Implementation

Up to \$150,000 per grant

Available for Local Public Agencies in Santa Clara County

Community Resilience

Up to \$100,000 per grant

Available for 501(c)(3) nonprofit CBOs in Santa Clara County

Education & Engagement

Up to \$25,000 per grant

Available for Local Public Agencies or 501(c)(3) nonprofit CBOs in Santa Clara County

Place-keeping, Arts, and Activation

Up to \$25,000 per grant

Available for Local Agencies or 501(c)(3) nonprofit CBOs in Santa Clara County

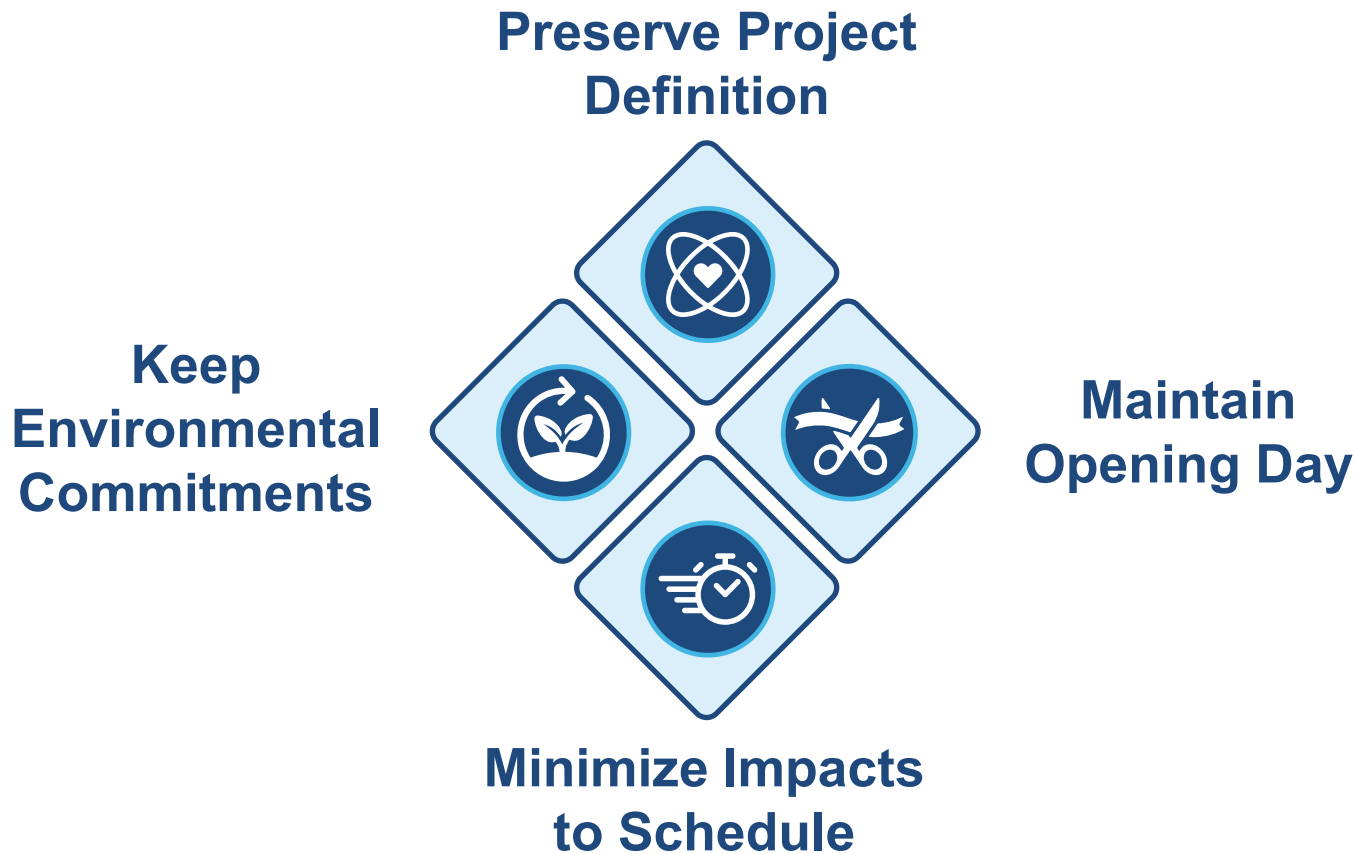


Phase II Update

Erica Roecks

Interim Director of External Affairs

Setting the Framework



Building on the Framework with Guardrails



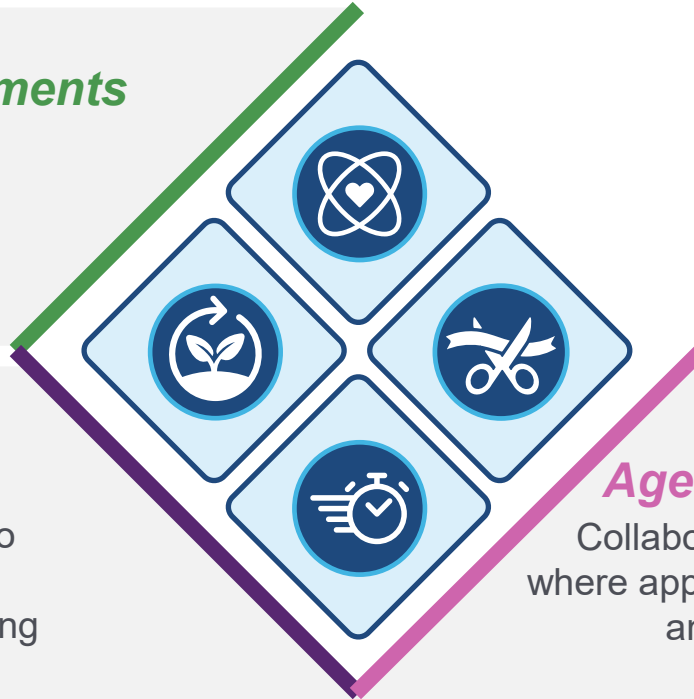
Federal Requirements

No new Supplemental EIS/
Subsequent EIR needed



Risk Profile

Prevent significant new risks to
construction or design that will
increase costs while considering
stakeholder impacts

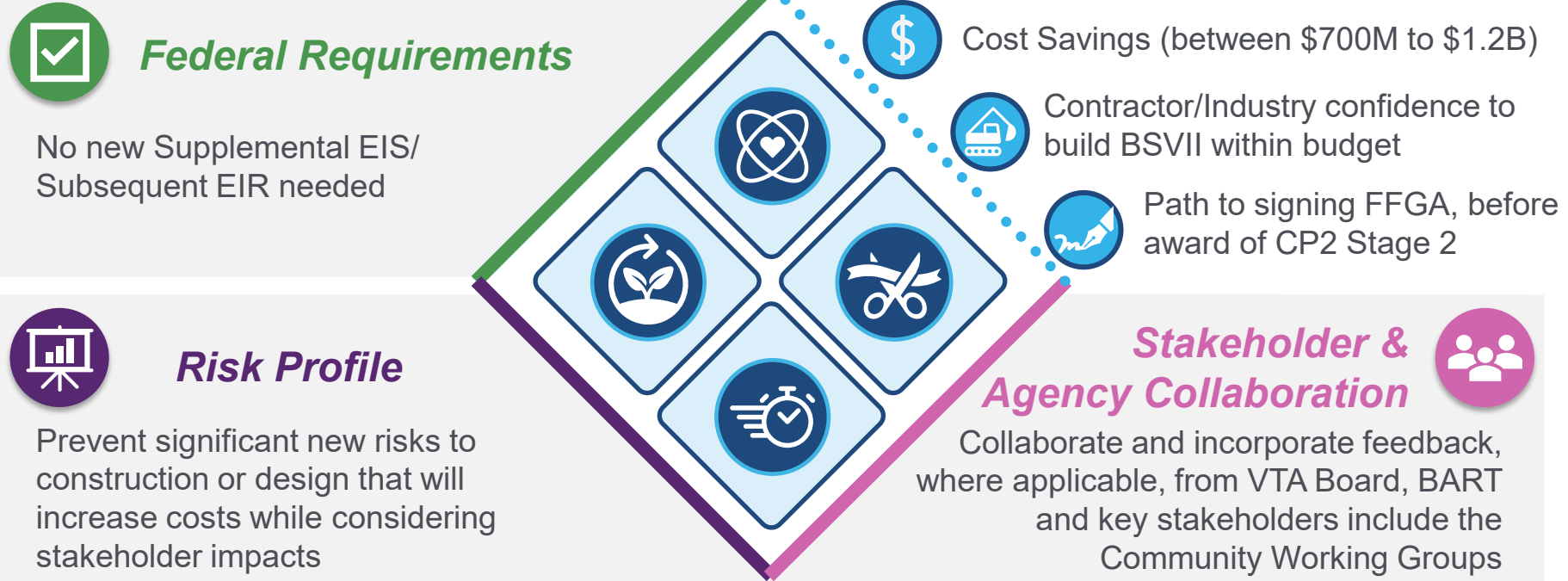


Stakeholder & Agency Collaboration



Collaborate and incorporate feedback,
where applicable, from VTA Board, BART
and key stakeholders include the
Community Working Groups

Program Considerations



Program Considerations



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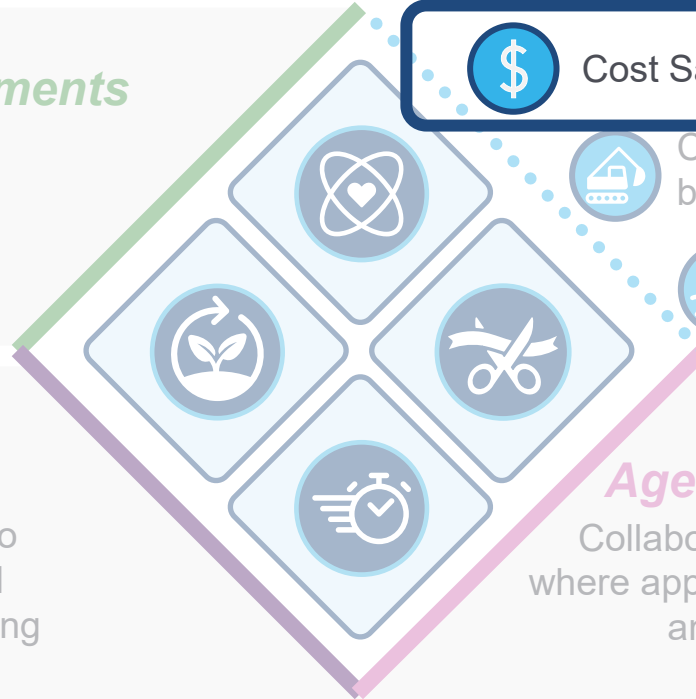
Cost Savings (between \$700M to \$1.2B)



Contractor/Industry confidence to
build BSVII within budget



Path to signing FFGA, before
award of CP2 Stage 2



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Cost Savings Effort



Identify and screen cost saving candidates within the framework and guardrails





Cost Savings Context



- Continue **positive outlook** to **balance project budget** for FFGA application
- Requires **cross-disciplinary evaluation** and **due diligence** to:
 - Prevent double counting
 - Develop rough order of magnitude estimates
 - Ensure transparency of process
- Level 2 concepts involve interdependencies that **require a deeper dive** evaluation
- Goal of >\$700M to ensure **resiliency** to market conditions
- Close **collaboration with BART** throughout process to ensure concurrence

Cost Savings Effort: Level 1



Level 1:

August 2024 – December 2024

Approx. \$350M

Level 1

- Within the framework and guardrails
- Focus on station refinement and criteria/requirements with BART
- Resulted in concepts with minimal project element interdependencies

Level 1 Concepts	Projected Cost Savings (as of 3/13/2025)
Criteria / Requirements Assessment with BART ⁽¹⁾	\$187M
Convert 28th Street/Little Portugal Parking Structure Spaces to Surface Parking	\$77M
Refine Station Design (28th Street/Little Portugal, Downtown San José, and Diridon)	\$68M
Owner Supplied Materials	\$20M

Notes: Draft ROM costs in YOE dollars based on conceptual designs and subject to change.

(1) Contingent on approvals for design variances.

Current as of 5/15/2025 – FOR DISCUSSION ONLY

Cost Savings Effort: Level 2



Level 2:

- Cross-disciplinary and interdependent cost saving concepts
- Pushed the guardrails slightly
- Developed task forces to dive deeper in Level 1 concepts that required additional evaluation and costing with subject matter experts

August 2024 – December 2024

Level 1

Approx. \$350M

December 2024 – March 2025

Level 2

Approx. \$48M-
\$58M
(under refinement)

Task Force	Level 2 Concepts	Projected Cost Savings (as of 4/4/2025)
A	Concurrent Tunneling from the East	Advancing under Level 3
B	Newhall Yard Facility / Santa Clara Station ⁽¹⁾	>\$40M
C	Tunnel Interior Reconfiguration	TBD
D	Various Alternative Structural Concepts	\$3M - \$8M
E	Muck Off-Haul Options	\$5M - \$10M

Notes: Draft ROM costs in YOE dollars based on conceptual designs and subject to change.

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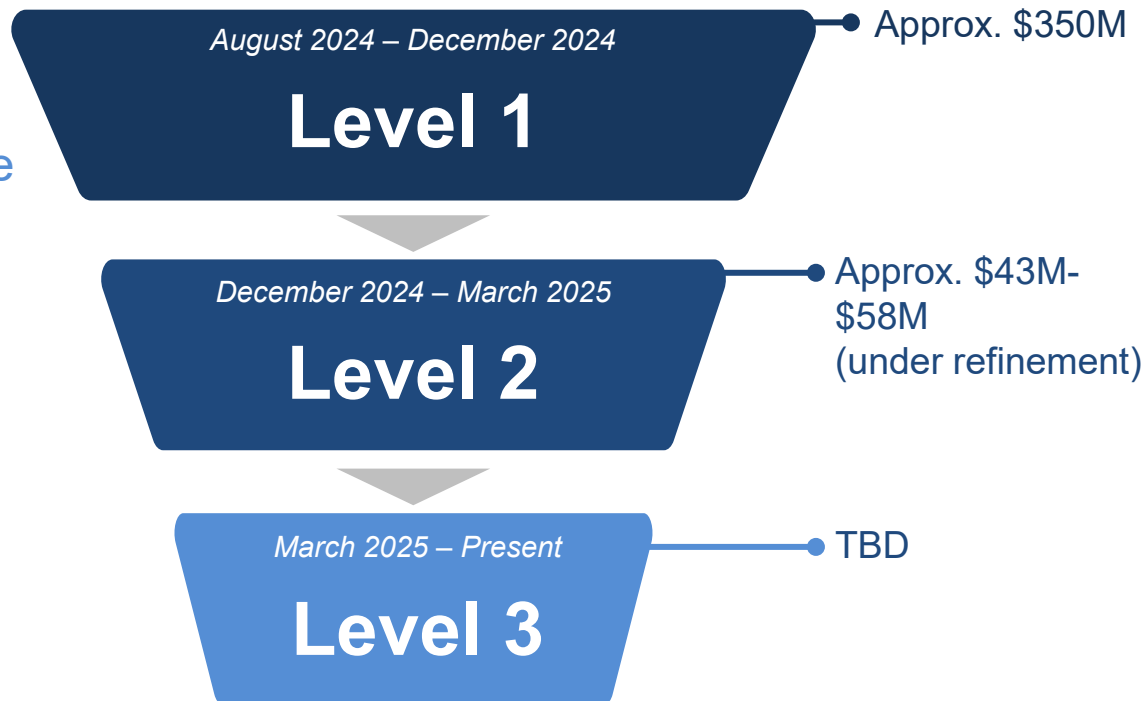
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Cost Savings Effort: Level 3



Level 3:

- Identified elements for cost reduction (tunnel diameter/size and construction methods)
- Challenging previous design requirements & assumptions
- Pushing the guardrails
- Includes ideas from FTA/PMOC and Gall Zeidler



Level 3 Concepts Guiding Principles



- Not going to compromise on safety
- Just analysis at this point – not recommendations
- Creative problem solving focused on cost as a driver
- Analyzing ideas from FTA/PMOC and Gall Zeidler
 - Revisiting ideas previously studied to see if they are now viable:
 - changes in technology
 - lessons learned from other industry projects have been constructed

Tunnel Diameter as a Cost Driver



Why Tunnel Diameter Matters:

- Determines volume of excavation
- Dictates pace of tunnelling (advance rate)

Where are we getting questions about tunnel diameter?:

- FTA's PMOC (December 18th workshop)
- Gall Zeidler (March 2025 memo)
- Stakeholders and policymakers

Formed Level 3 Tunnel Task Force to revisit old assumptions and respond creatively

Level 3 Tunnel Task Force Overview



Task Force Members:

- VTA
- Subject Matter Experts from Program Management Team (PMT), Construction Management Services (CMS) and General Engineering Consultant (GEC) with experience in local ground conditions, tunneling, and construction
- BSVII Oversight Committee Subject Matter Expert Gall Zeidler

Topics Being Discussed for Technical Feasibility:

- Design assumptions and criteria
- Single-bore tunnel and station configurations
- Construction methodologies
- Project alignment

Level 3 Tunnel Task Force Process

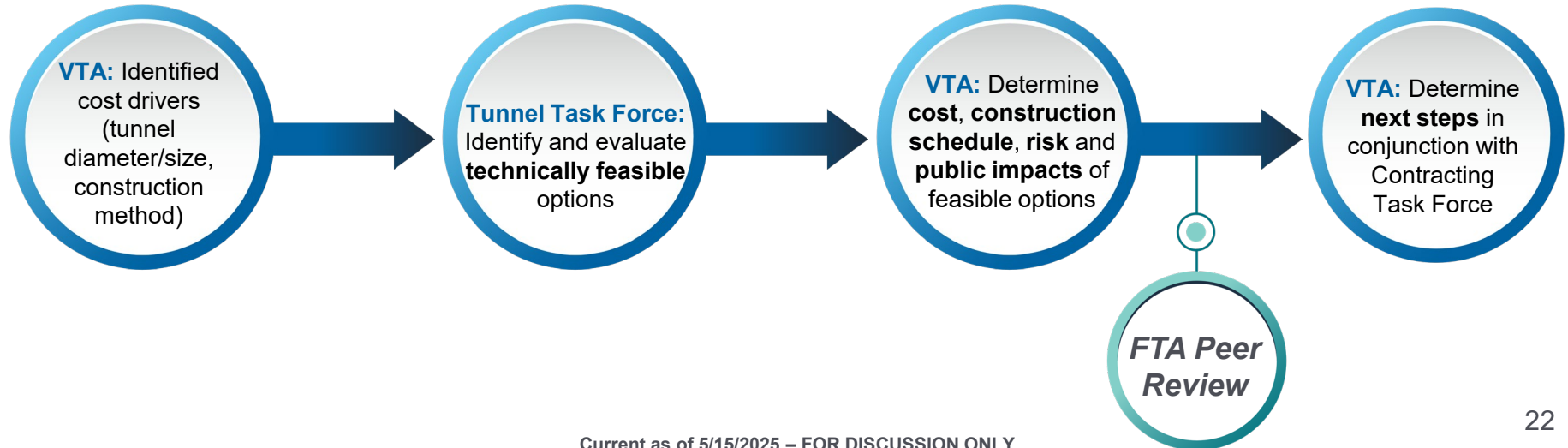


We are here



Stakeholder Engagement

BART, City of San José, and key stakeholders



Program Considerations



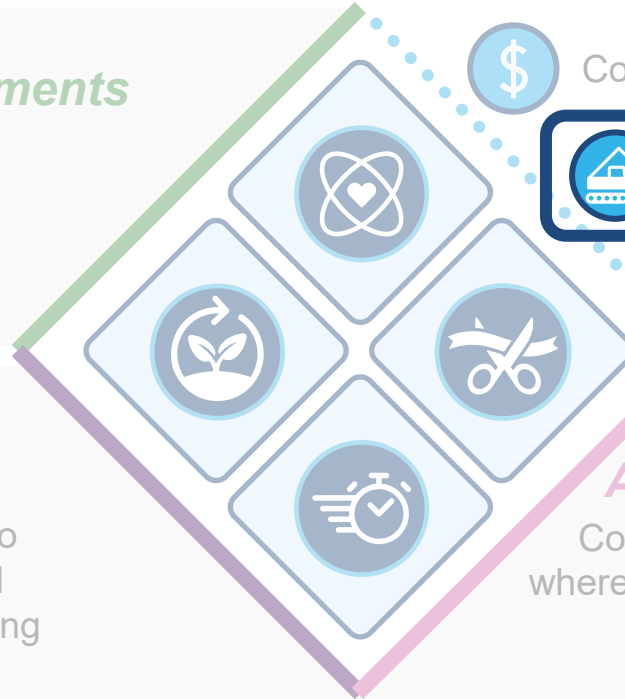
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Contracting Task Force



August 2024 – December 2024

Level 1

December 2024 – March 2025

Level 2

March 2025 – Present

Level 3

Contracting Task Force

- Contract Packaging & Procurement
- CP2 VTA/KST Coordination
- CP2 Partial or Full Off-Ramp

BSVII Contracting Task Force Timeline



	January	February	March	April	May	June
Cost Savings		Level 2				
			Level 3			
Contract Packaging & Procurement	Industry/Market Sounding					Industry Outreach
	Contract Packaging & Delivery Approach					
				Procurement Strategy & Development*		
Contract Package 2 (CP2) VTA/KST Coordination	Tunnel Package Cost Review & Discussions			Independent Cost Estimate Update		
				VTA/KST Discussions		Decision Making
CP2 Off-Ramp Decision	Off-Ramp Plan Development					
						Off-Ramp Decision

*being developed for various off-ramp decision scenarios

Program Considerations



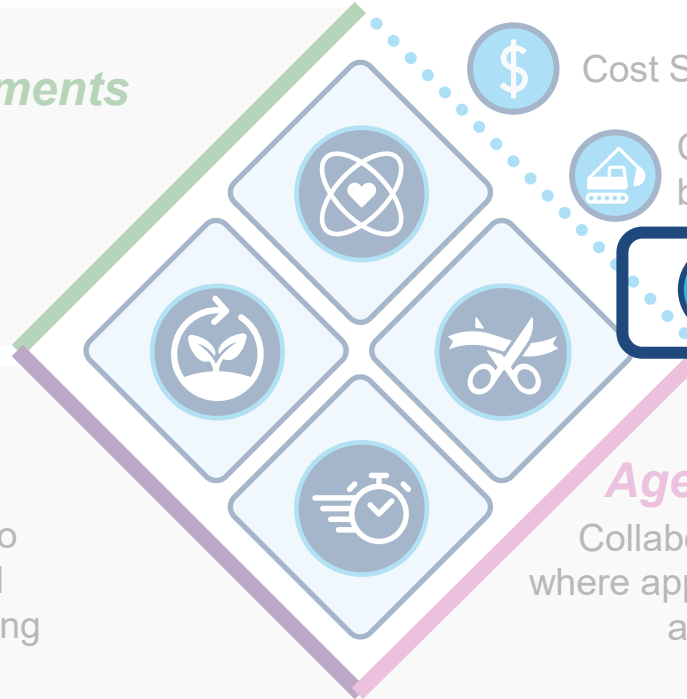
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- Ongoing coordination with FTA/PMOC with regular monthly progress meetings and reviews
- Evaluating cost saving ideas from December 2024 FTA/PMOC workshop under Level 3
- Check-ins with FTA HQ regarding cost saving efforts and FFGA

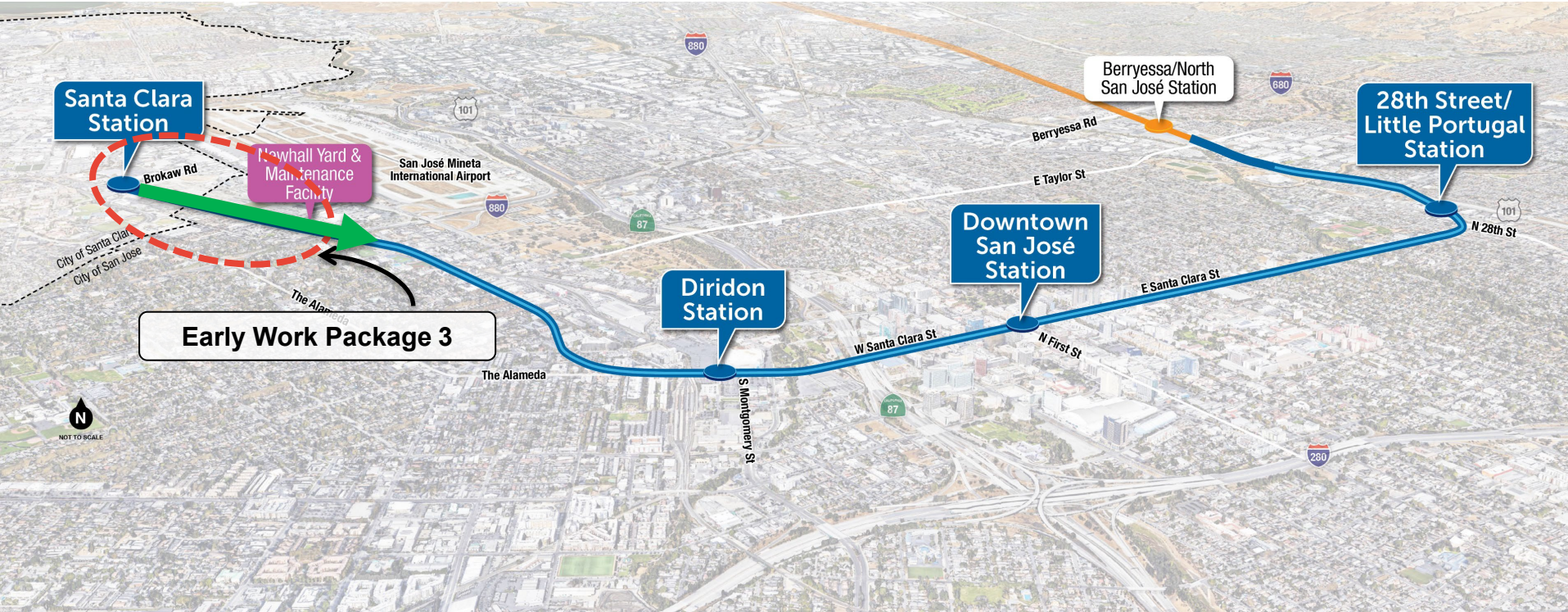


Construction Update

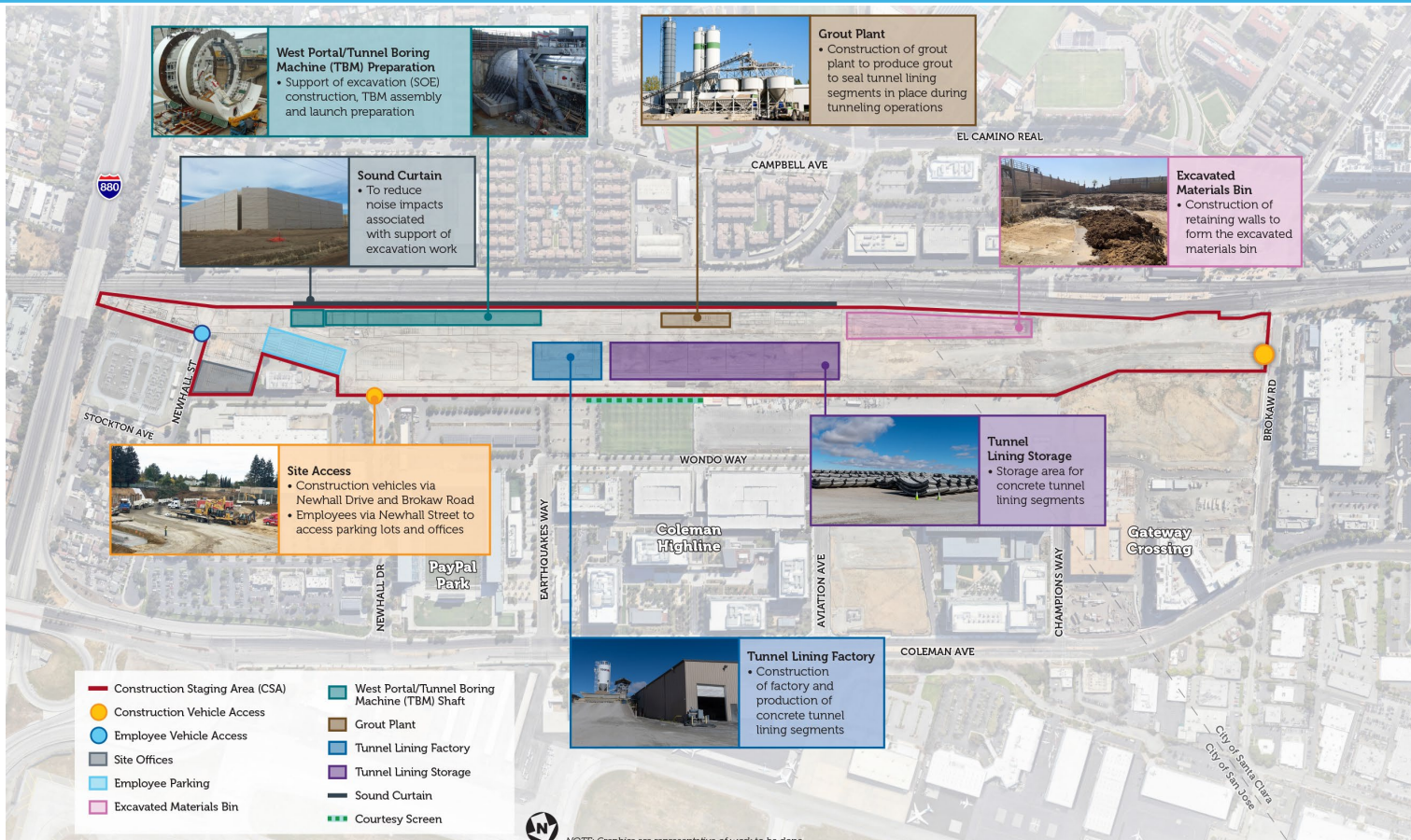
Brent Pearce

Interim Deputy Director of External Affairs

VTA's BART Silicon Valley Phase II Extension



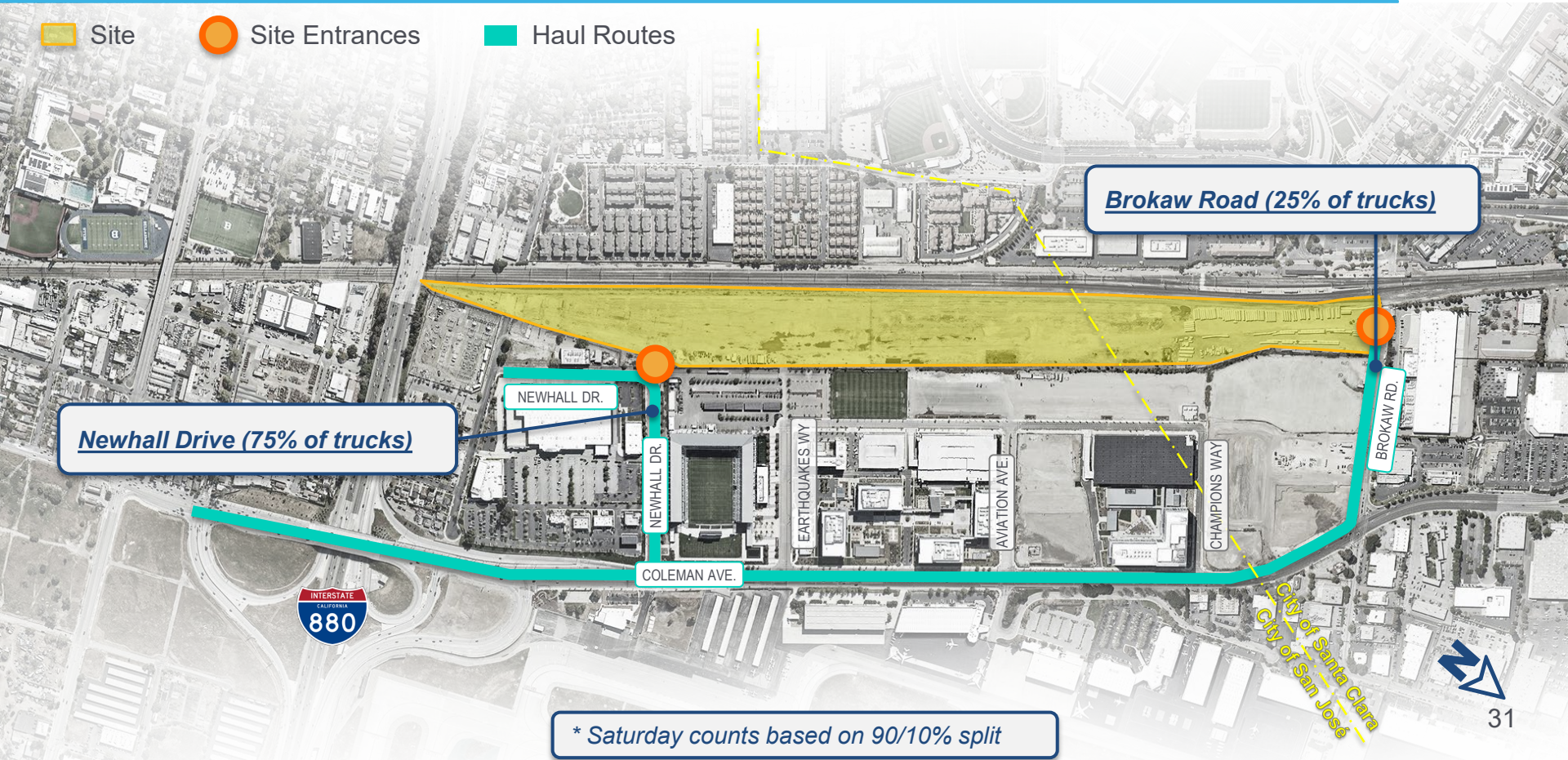
Site Map of Construction Activities at West Portal (2025-2027)



Truck Haul Routes



Site Site Entrances Haul Routes



West Portal Construction



Current Work Hours/Days: 7 AM – 7 PM | Monday – Friday

- Heavy equipment mobilization for the Tunnel Shaft: **March 2025**
- Temporary noise curtain installation adjacent to railroad tracks: **~May 2025**
- Anticipated night work: **June 2025 (6 AM – 4AM; Monday to Saturday)**
 - Expect lights pointing down at workers and flashing safety lights of construction vehicles.
 - Additional truck activity on Newhall Drive, Brokaw Road and Coleman Avenue.
 - Use of large machines and cranes to support mixing cement into the ground to make it stronger.
 - Excavation in preparation for the launch structure of the future tunnel boring machine.



Construction Notice



- Mailers delivered on **March 31, 2025**
- **Project neighbors we met with:**
 - SJ Earthquakes
 - Santa Clara University (SCU)
 - Holland Partners
 - Apple Warehouse
 - Hunter Partners
 - Costco
- Canvassing at **Santa Clara University**

BART SILICON VALLEY
PHASE II EXTENSION PROJECT

Construction Notice

Extended Construction Work Hours West Portal at Newhall Yard & Maintenance Facility
Thursday, May 1, 2025 — December 2026, from 6 am - 6 am (24 Hours)

Construction Activities

- Construction of tunnel launch structure will require tall machinery and cranes
- Construction includes excavation activities, underground retaining wall, and pouring of concrete
- Truck hauling on Brokaw Road, Newhall Drive, and Coleman Avenue

What to Expect

- New work hours between 6 a.m. – 6 a.m. (24 hours)
- Work will also take place seven days a week (Sundays as needed)
- Noise will be actively monitored
- Sound curtain will be installed before the launch structure work begins

Sign up for construction updates at www.vtabart.org

Project Information

VTA's BART Silicon Valley Phase II Extension (Phase II Project) is a six-mile, four-station extension of BART from Berryessa / North San José Station (opened 2020) through downtown San José to the City of Santa Clara. The Phase II Project is planned to include an approx. five-mile subway, three stations with underground platforms (16th Street / Little Portugal, Downtown San José, and Diridon), one ground-level station (Santa Clara), a train maintenance and storage facility, and additional facilities.

Roadway Safety

- Maintain a safe following distance
- Plan your trip ahead
- Slow down and follow posted signs
- Be aware of your surroundings
- Pay attention to safety signs

Legend:

- BART Alignment
- Planned Station
- Construction Area

Map: A map showing the BART alignment through Santa Clara, including the construction area and planned stations.

Contact Information:

- VTA Valley Transportation Authority: (408) 321-2345, (408) 321-2330 TTY
- VTA BART.org: vtabart@vtabsv.com
- Facebook: @vtabsv
- Twitter: @vtabsv2
- Instagram: @vtabsv





- BSVII Update at **Encanto HOA** Board meeting **May 12 at 6:00 PM**
- BSVII Update at **Orlo HOA** Board meeting on **May 29 at 5:30 PM**
- BSVII Update at **Altura HOA** Board meetings being confirmed for **May**



Thriving Business Program Update

Brent Pearce

Interim Deputy Director of External Affairs

Thriving Business Program Elements



Eat Shop Local

Marketing campaign to encourage foot traffic



Local Resource Network

Partnering with CBOs to provide foster and sustain small business growth



Direct Financial Assistance

Providing financial grant assistance to eligible small businesses

Recent Engagement Efforts



- **Coordination with City of San José Office of Economic Development**
 - Develop and refine Implementation Zone Map
- **Community Working Groups**
 - Review and solicit feedback of program collateral and community surveys
- **Small Business Task Force**
 - Community-Based Organizations, local agencies, and chambers who reflect the diverse businesses along the project alignment
 - Review and solicit feedback of program collateral and community surveys
 - Discuss program elements and structure

Small Business Task Force Members



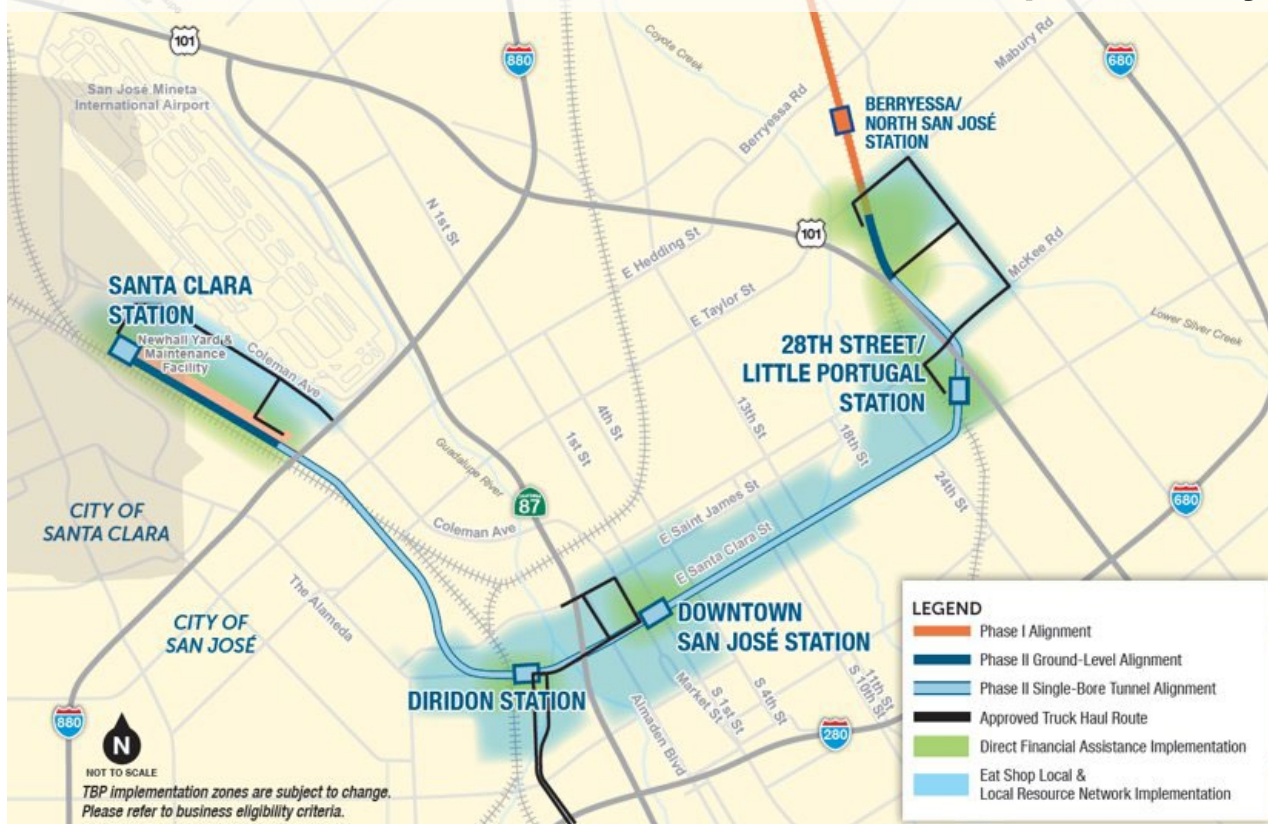
- Small Business Development Center Vietnamese American Satellite
- Alum Rock Santa Clara Street Business Association
- East Village San José
- Latino Business Foundation Silicon Valley
- Silicon Valley Small Business Development Center
- Hispanic Chamber of Commerce Silicon Valley
- The Alameda Business Association
- City of San José - District 3
- City of San José - Office of Economic Development
- City of San José - Team San José
- San José Chamber of Commerce
- San José Downtown Association
- Silicon Valley Black Chamber of Commerce
- Silicon Valley Vietnamese American Chamber of Commerce
- Minority Business Consortium
- Black Leadership Kitchen Cabinet
- County of Santa Clara
- Prosperity Lab
- Silicon Valley Central Chamber of Commerce

- **Summer/Fall 2025:** Survey Launch
 - Distribute survey to nearby small businesses and community groups via mail, canvassing, social media, website, partners, officials, and local organizations.
- **Spring 2025:** Refine Program Implementation Zone

Implementation Zone Map - Discussion



Not for Distribution – DRAFT for Feedback Purposes Only



Current as of 5/15/2025 – FOR DISCUSSION ONLY

Next Steps for CWG

Ngan Nguyen

External Affairs CWG Liaison



- **June 5th Board of Directors Meeting**
 - BSVII Update
- **June 12th BSVII Oversight Committee Meeting**
 - Discuss Contracting Task Force Recommendation
 - Discuss Potential Schedule Scenarios
- **June 27th VTA Board of Directors Meeting**
 - Board Action on Contracting Task Force Recommendation
- **July 10th BSVII Oversight Committee Meeting**
 - Update on Level 3 Concepts

Find out more at: vta.org/about/board-and-committees