

VTA's BART Silicon Valley Phase II Extension Project

Santa Clara City Council Study Session

January 5, 2022



CURRENT as of 01/05/22 – FOR DISCUSSION ONLY

Agenda

- VTA's BART Silicon Valley Phase II Project (BSVII) Update
- City Coordination Efforts
- Champions Way Right-of-Way Designation



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POST MEETING MATERIAL

VTA's BART Silicon Valley Phase II

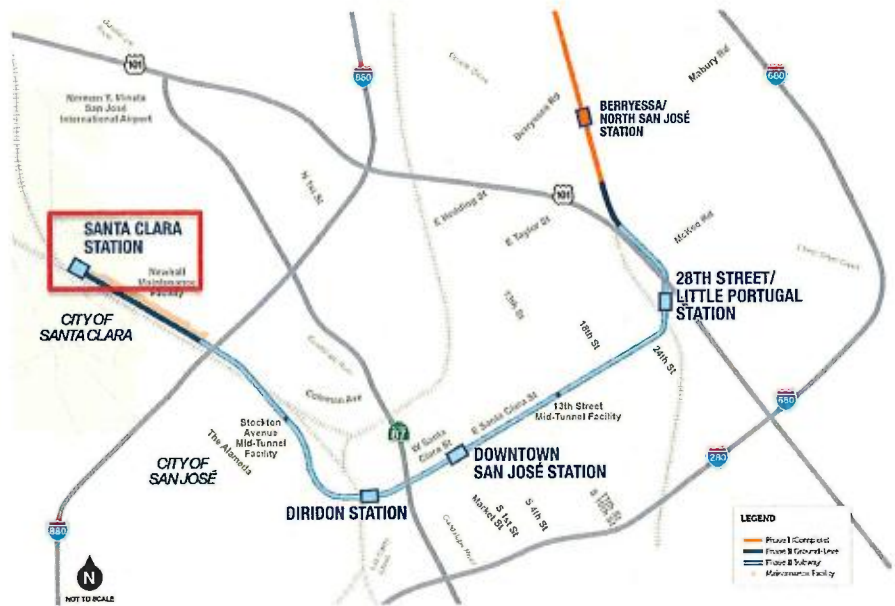


Phase I Extension (Complete)

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

Phase II Extension

- 6-mile extension (5-mile subway)
- 4-stations
- 2 Mid-Tunnel Ventilation/Emergency Egress Facilities
- Newhall Maintenance Facility

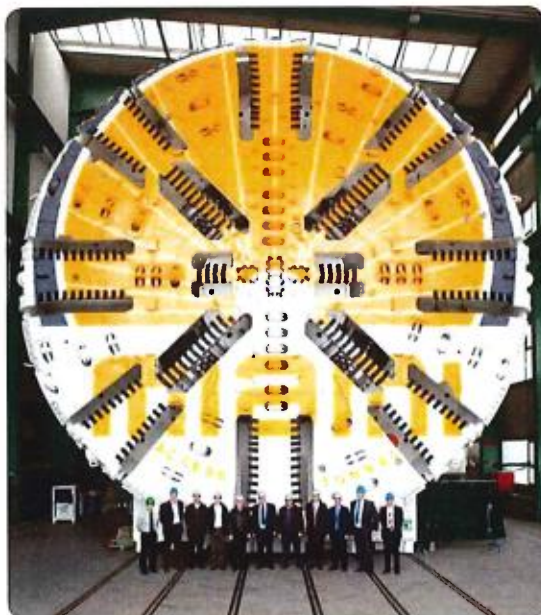


Ringling the Bay with fast, frequent transit

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Procurement Update



Systems

- Final Draft issued last month
- Second round of one-on-ones completed
- *Anticipated Board award Summer 2022*

Tunnel & Trackwork

- **Final RFP issued in September***
- Fourth round of one-on-one meetings completed
- Proposals due early December
- *Anticipated Board award Spring 2022*

Newhall Yard/Santa Clara Station

- Statement of Qualifications (SOQs) due end of November
- **Draft RFP under development. Available for City review Q1 2022***
- *Anticipated Board award Summer 2023*

Stations

- Statement of Qualifications (SOQs) under review and evaluation*
- Draft RFP under development and review*

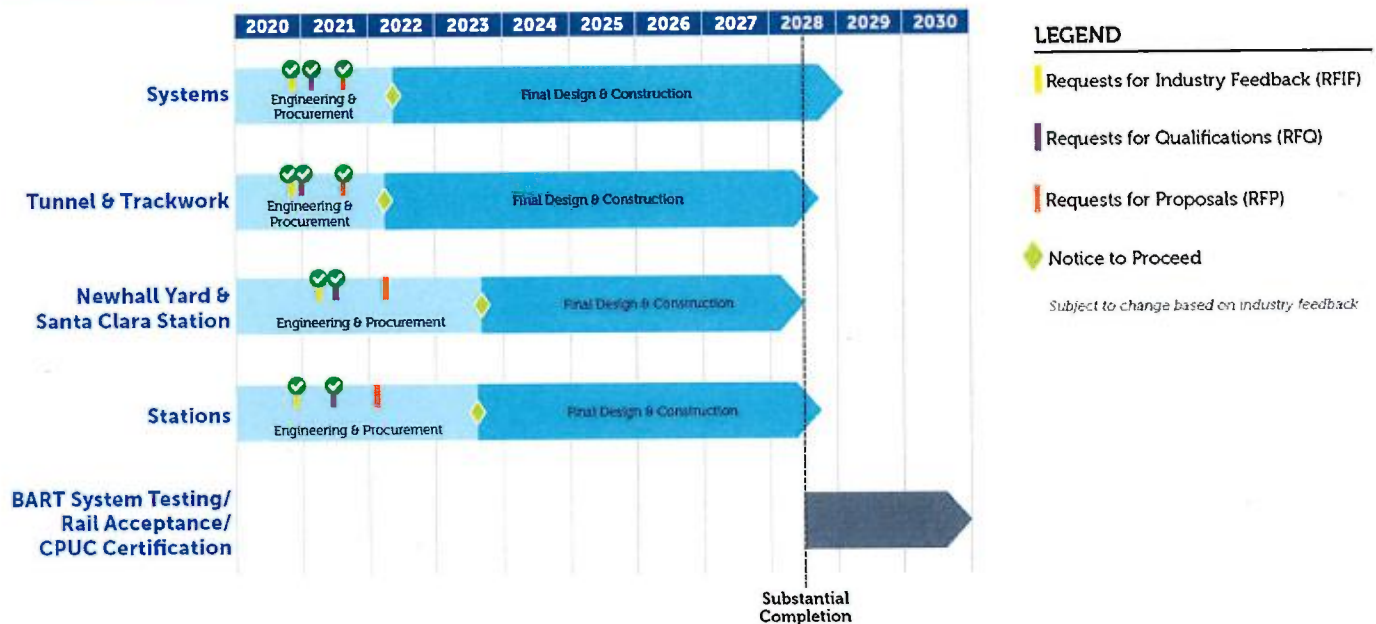


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Framework to Completion



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FTA Expedited Project Delivery (EPD)



Federal Transit Administration



On October 25th, VTA received a Letter of Intent (LOI) from FTA announcing their intention to obligate federal funds for **VTA's BART Silicon Valley Phase II Extension Project**



FTA intends to obligate up to **\$2.287 billion** or **25 percent** of the final project cost, whichever is less for a Full Funding Grant Agreement (FFGA)

- This amount represents a funding ceiling from FTA based on the lower-level design, perceived risks and potential unknowns at the time of the EPD application (early 2021)*



The LOI will be in effect for up to two years allowing VTA to establish a refined cost estimate based on actual construction bids, further mitigate or eliminate perceived risks, and solidify the funding plan to ultimately achieve a FFGA

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Santa Clara Station Area



Preliminary – Subject to change



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Santa Clara Station



Preliminary – Subject to change

- The station is a two-track, center platform at grade structure with an elevated concourse
- Adjacent 500 space parking garage situated above yard storage and transfer tracks

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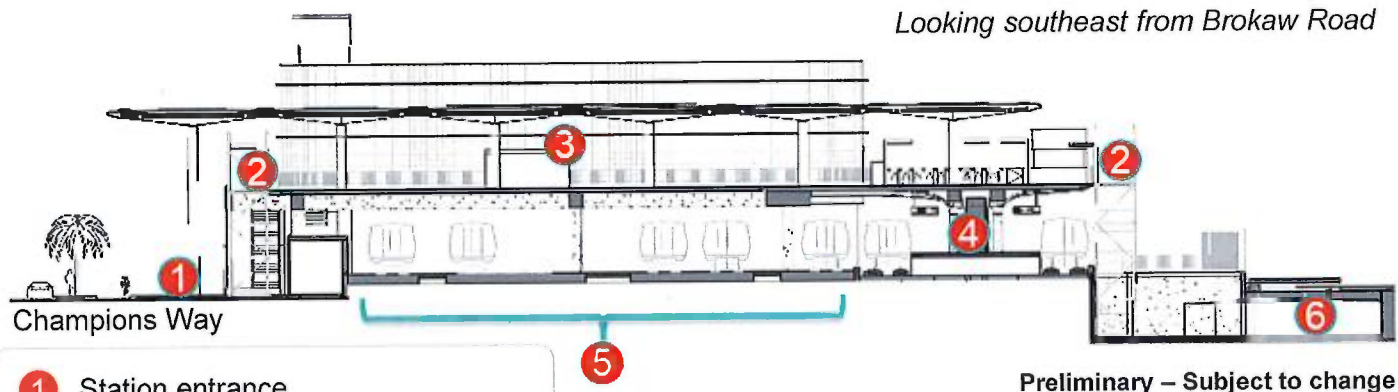
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Santa Clara Station – Cross-Section



Looking southeast from Brokaw Road



- ① Station entrance
- ② Escalators and/or Elevators
- ③ Elevated Concourse
- ④ Platform
- ⑤ BART Storage Tracks
- ⑥ Existing Pedestrian Undercrossing

Preliminary – Subject to change

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DISCLAIMER

Video is for illustrative purposes only to provide insight into layout of core station components. Not all information in this video is current. Please see website and survey for current information on specific architectural finishes and to provide your feedback.

Newhall Maintenance Facility



The Newhall Maintenance Facility will consist of the following structures:

- Revenue Vehicle Maintenance Shops
- Transportation Building & Control Tower
- Train Car Wash Facility
- Blowdown Facility



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City Coordination



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CSC/VTA Coordination Activities



Over the last year, the **City of Santa Clara** and **VTA** have coordinated closely on the following **Phase II Project** areas:

-  Development of Cooperative Agreements
-  Review of Contract Package Draft RFP documents
-  Station Access and Circulation
-  Construction Education and Outreach Program (CEOP)
-  Construction Transportation Management Plan (CTMP) & Emergency Services Coordination Plan (ESCP)
-  Design Review Committees (DRCs)



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Cooperative Agreements



Master Agreement executed in **October 2020**



Cooperative Agreement #1 executed in **July 2021**

- Defines construction standards, City review of plans and specifications, construction mitigation for businesses, and betterments
- Affirms construction impact mitigation through Construction Outreach Management Program
- Reimbursement of City services supporting pre-RFP activities



Cooperative Agreement #2 anticipated to be executed in **early 2022**

- Defines preconstruction survey of City infrastructure, design submittal review, design review period, construction inspection and testing review, notification for construction completion and acceptance
- Reimbursement for City services associated with design review and construction inspection and testing

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Design Review Committees (DRCs)



Community and city partner forums to provide input for shaping look and feel of stations, including:

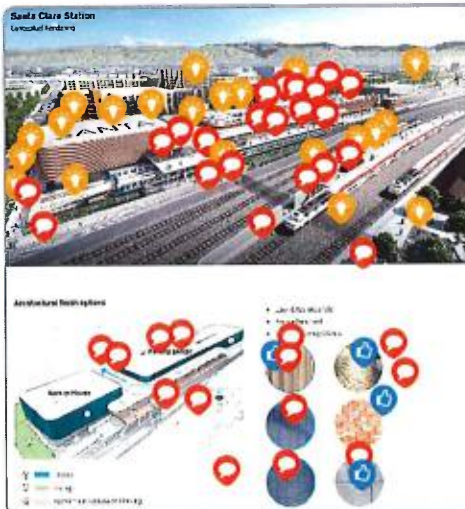


- Customer visual experience
- Palette of material finishes
- Canopies/entrance areas
- Potential art installation areas

DRC effort included broad community engagement in September:



- Pop-Ups at local Farmers Markets
- An interactive online platform (Social Pinpoint) for sharing project information and gathering feedback from +2,500 community users
- Community Working Groups



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Social Pinpoint Statistics



Unique Users

Homepage	1,800+
28 th Street/Little Portugal	300+
Downtown San José	350+
Diridon	260+
Santa Clara	380+

Comments

28 th Street/Little Portugal	70+
Downtown San José	75+
Diridon	45+
Santa Clara	75+

Survey Responses

28 th Street/Little Portugal	75+
Downtown San José	115+
Diridon	90+
Santa Clara	90+

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Preferred Concept – Santa Clara Station



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Preferred Concept Continued



Entrance (facing east)

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Concourse

Preliminary – Subject to change

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Community and Stakeholder Input



Recent Engagement

- Design Review Committee (4)
- Stations Look & Feel Pop-Ups (5)
- Multilingual Community Meetings (4)
- Small Business Operations Survey
- Small Business Task Force (4)
- Access & Service Needs Interviews (53)
- One-on-One stakeholder briefings (80+)
- Community Working Group (10)



Future and Ongoing Engagement

- Quarterly Community Working Group
- Virtual Project Office
- Virtual Mid-Tunnel Tour
- Building Monitoring Program
- Monthly in-person tabling events
- Community and Association presentations

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Outreach and Communications



Construction Outreach Management Program



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 options



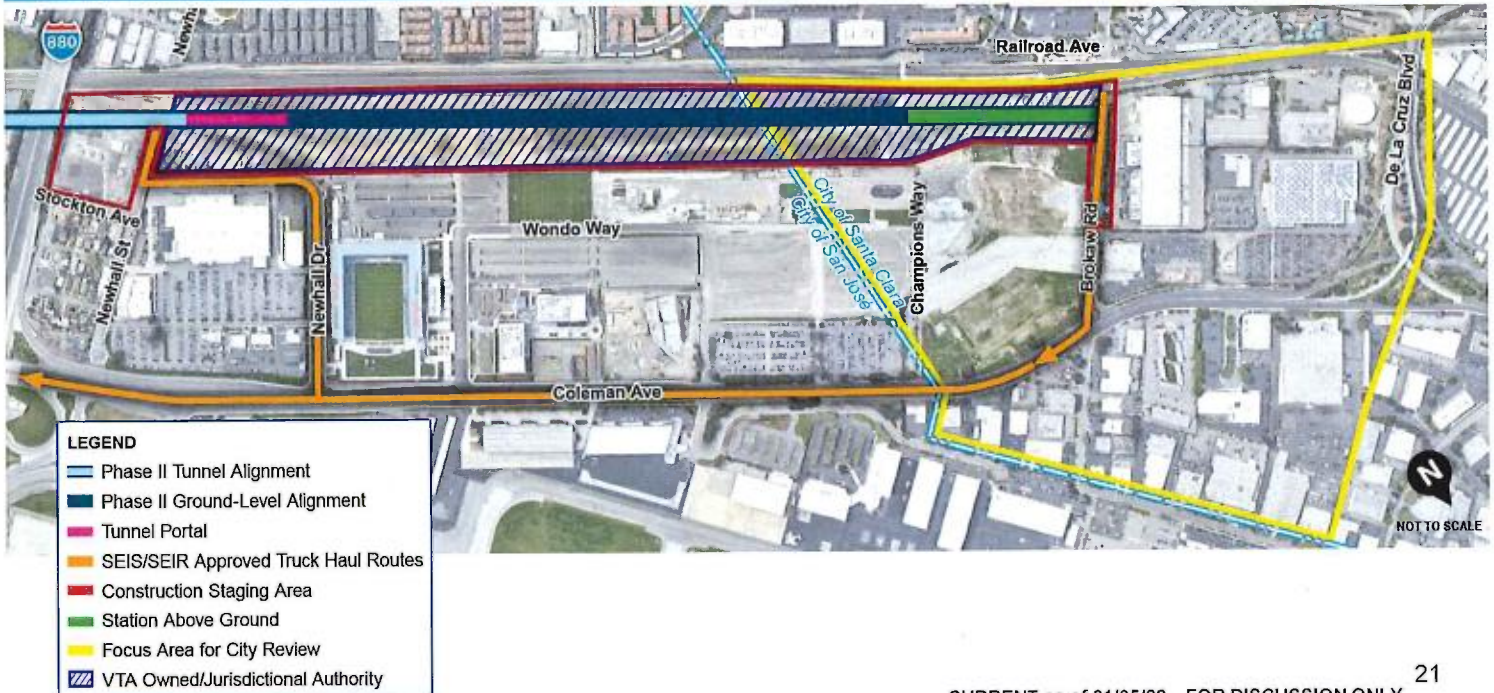
Emergency Services Coordination Plan (ESCP): coordinate with local emergency services to minimize impact to emergency service routes and response times due to construction activities

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SEIS/SEIR Approved Truck Haul Routes



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Truck Haul Routes



- Brokaw Road, Coleman Avenue, and Newhall Drive were the only streets environmentally cleared as haul routes in the approved SEIS/SEIR in this area
- The haul routes are designed to provide the most direct route to I-880.
- Impacts to vehicular traffic, bikes and peds during construction were identified as being adverse/significant and unavoidable (NEPA/CEQA) due to construction of the Santa Clara station in the SEIS/SEIR.
- VTA working with City on utilization of Brokaw Road for truck hauling

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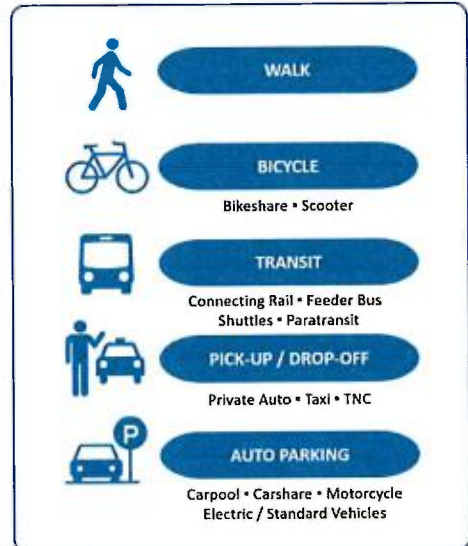
Station Access and Circulation



Regular City and VTA coordination for station access facilities and design

- ✓ Established a shared understanding of station area visions and features for inclusion in the BSVII Project
- ✓ Basis for city facility design documented and included in Newhall Yard/Santa Clara Station RFP
- ✓ Selected contractor will advance through final design in coordination with VTA and the City

VTA's Station Access Hierarchy



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Santa Clara Station Access



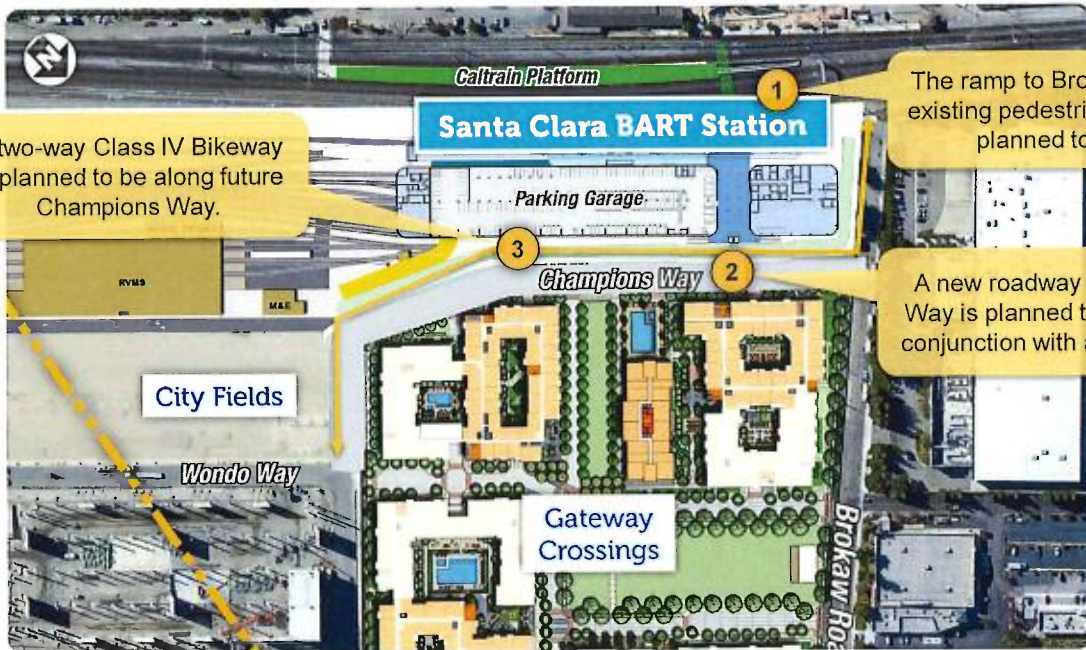
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Station Access



A two-way Class IV Bikeway is planned to be along future Champions Way.

The ramp to Brokaw Road from the existing pedestrian undercrossing is planned to be widened.

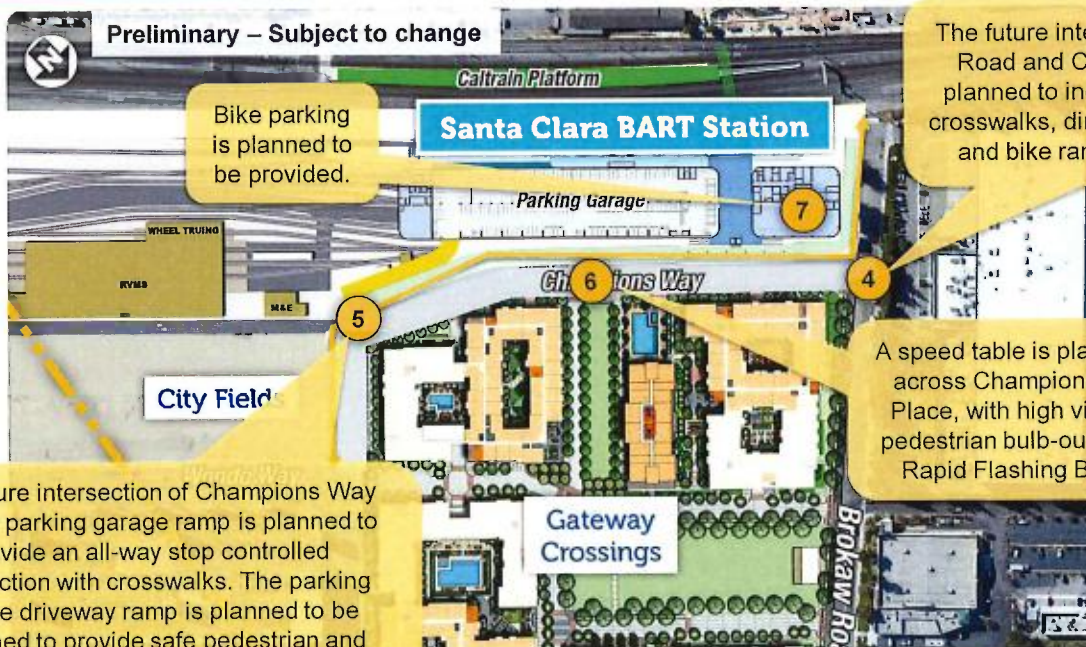
A new roadway called Champions Way is planned to be constructed in conjunction with adjacent developer.

Preliminary – Subject to change

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Station Access



Preliminary – Subject to change

Bike parking is planned to be provided.

The future intersection of Brokaw Road and Champions Way is planned to include high-visibility crosswalks, directional curb ramps and bike ramps, and striping.

A speed table is planned to be installed across Champions Way at Chastain Place, with high visibility crosswalks, pedestrian bulb-outs, and Rectangular Rapid Flashing Beacons (RRFBs).

The future intersection of Champions Way and the parking garage ramp is planned to provide an all-way stop controlled intersection with crosswalks. The parking garage driveway ramp is planned to be designed to provide safe pedestrian and bicyclists crossings of the driveway.

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Champions Way Designation



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Santa Clara Station History



- **June 2018:** Santa Clara City Council Study Session
- **June 2018 – September 2019:** determined feasible to include station and facilities (inc. 500 spaces parking) with maintenance facility on VTA property
- **April 2019:** Santa Clara City Council presentation
- **Fall 2019:** Board Workshop & City of Santa Clara Staff Scope Workshop showing shifted station location
- **September 2019 – January 2020:** advanced to 10% design of station and maintenance facility
- **January 2020 – February 2021:** worked with BART to determine Newhall Maintenance Facility layout
- **February 2021 – May 2021:** progressed station design once yard layout was mostly finalized



Preliminary – Subject to change

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Champions Way History



1. Coleman Highline constructed Champions Way from Coleman Ave to Wondo Way
 - o Within the City of San José, Champions Way is public
 - o Within the City of Santa Clara, Champions Way is private
2. In July 2019, Santa Clara City Council approved Gateway Crossings with Champions Way as a private roadway with a public access easement
3. City Fields section undesignated



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Champions Way Designation



VTA requests **Champions Way** to be designated as a public right-of-way and will return to Council in early 2022 with options for a discussion.



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Next Steps



- **Return to Council in Early 2022:**
 - *Discussion on Champions Way ROW designation*
 - *Approval of Cooperative Agreement #2*
- **Anticipated Project Milestones:**
 - **Spring 2022:** Notice to Proceed Tunnel & Trackwork Contract
 - **Summer 2022:** Notice to Proceed: Systems Contract
 - **Mid-late 2022:** Tunnel & Trackwork Specific CTMP
 - **Early 2023:** Early works activities within VTA's Newhall Yard property

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Questions & Comments



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



Berryessa/North San José Station

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