VTA’s BART Silicon Valley Phase II Extension Project

28th Street / Little Portugal Community Working Group

July 15, 2020
Agenda

• Welcome and Introductions
• Follow-Up Items
• CWG Member Report Back
• VTA’s BART Berryessa Extension Opening
• Phase II Update
• Related Planning Efforts
• Community Engagement
• Next Steps
**Zoom Webinar Attendee Controls**

**Audio Settings** (only visible if the host hasn't granted you permission to talk): Change your audio settings. You can also click the upward arrow (^) next to change your speaker.

**Unmute/Mute:** If the host gives you permission, you can unmute and all participants will be able to hear you talk. If the host allows you to talk, you will receive this notification - **click “unmute myself”**

**Raise Hand:** Raise your hand in the webinar to indicate that you want to make a comment.

**Question & Answer:** Open the Q&A window, allowing you to ask questions. The hosts can either reply via text in the Q&A window or answer your question live.
Today’s Meeting Format

- Gretchen is facilitating
- Joe is managing Zoom
- Microphones will be muted during each agenda item/presentation
- At the end of each agenda item there will be a question round. Joe will only unmute people who use the 'raise hand' feature.
  - You can also submit questions using the Q&A feature
- Please email Gretchen or Kate afterwards if you have any additional comments or questions.
Upcoming Meetings – 28th Street / Little Portugal

• Upcoming 28th Street / Little Portugal CWG Dates
  - September 16, 2020, 4:00 PM
  - November 18, 2020, 4:00 PM

• VTA Board of Directors vta.org/about/board-and-committees
  - August 6, 2020, 5:30 PM
  - September 3, 2020, 5:30 PM

• Kate will email alerts for other meetings, e.g. Board Workshops
Follow-Up Items
Gretchen Baisa, VTA
Follow-up Items: 28th Street / Little Portugal

• Feasibility of tunneling east to west – *Not current engineering planning assumption*

• Minimum operable segment (MOS) – *VTA received environmental clearance via a ROD for a 6-mile, four-station project. An MOS from Berryessa/North San José to 28th Street/Little Portugal would be an entirely different project.*

• Send source of Plan Bay Area 2050 $3.2B funding – *City of San José and VTA requested $3.2B for Diridon Station Improvements for Plan Bay Area 2050*
  Link: [VTA Board Action 7366](#)
CWG Member
Report Back
Report Back

- Carlos Diaz Alum Rock Business Network
- Connie Alvarez Alum Rock Santa Clara Street Business Association
- Elma Arredondo Alum Rock Urban Village Advocates (ARUVA)
- Terry Christensen CommUniversity
- Cobán López Cristo Rey San José Jesuit High School
- Chris Patterson-Simmons East Santa Clara Street Business Association
- Helen Masamori Five Wounds / Brookwood Terrace Neighborhood Action Coalition
- Davide Vieira Five Wounds Portuguese National Parish

- Bill Rankin Friends of Five Wounds Trail
- Danny Garza Plata-Arroyo Neighborhood Association
- Ricardo Agredano Portuguese Organization for Social Services and Opportunities (POSSO)
- Eric Thacker Northside Neighborhood Association
- Justin Tríano Ride East Side San José (Ride ESSJ)
- Jeff Levine Roosevelt Park Neighborhood Association
- Kathy Ericksen Somos Mayfair
VTA’s BART Berryessa Extension Opening  
Bernice Alaniz, VTA
Ribbon Cutting Ceremony & Inaugural Ride
In Use! Berryessa and Milpitas Stations

- BART service started on June 13, 2020!
- Pedestrian overcrossing at Milpitas to be complete in early 2021.

Santa Clara CWG member Suds Jain boarding a new Fleet of the Future Train at Berryessa / North San José station

Preparations for Montague Expressway Pedestrian Overcrossing installation
Questions
Phase II Update: Engineering and Budget Cost
Takis Salpeas, Chief – BART Silicon Valley Extension Program, VTA
VTA’s BART Silicon Valley Phase II Extension

- 6-Mile Extension:
  - 2.4-mile single-bore stacked
  - 2.6-mile single-bore side-by-side
  - 1-mile at-grade

- 4 Stations:
  - 3 underground
  - 1 at-grade

- 2 Mid-Tunnel Ventilation/Emergency Egress Facilities

- Newhall Yard Maintenance Facility

- BART vehicles

- Real Estate Acquisitions:
  - 9 full fee
  - 62 permanent easements
  - 9 temporary easements
<table>
<thead>
<tr>
<th>Milestone</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>April 2018</td>
<td>VTA and BART Boards of Directors approved a single bore project and VTA Board certified the SEIR.</td>
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<td>June 2018</td>
<td>VTA received Federal Transit Administration (FTA) Record of Decision (ROD) after issuing the Notice of Availability of the final SEIS.</td>
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<td>November 2018</td>
<td>VTA submitted Expression of Interest to FTA for Expedited Project Delivery (EPD)</td>
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<td>August 2019</td>
<td>FTA allocated $125M to VTA’s BART Silicon Valley Phase II Extension.</td>
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<td>April 2020</td>
<td>VTA and BART agree to an optimized Single Bore configuration to be further developed.</td>
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<td>May 2020</td>
<td>VTA and BART executed the Operations and Maintenance Agreement.</td>
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<td>June 2020</td>
<td>VTA’s BART Silicon Valley Berryessa Extension opened for revenue service.</td>
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<td>July 2020</td>
<td>Anticipated submittal of the EPD application for federal funding to FTA.</td>
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<td>Early 2021</td>
<td>Advertise Major Procurement Documents.</td>
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FTA Expedited Project Delivery (EPD) Background

- EPD is authorized in the Fixing America’s Surface Transportation (FAST) Act
- VTA’s BART Phase II Extension is well suited due to VTA’s financial capacity, project innovation, and Public-Private Partnership opportunities
- FTA pledged $125M in August 2019
- VTA is currently preparing a grant request to secure balance of federal funding for project
- VTA is targeting submittal of grant request to FTA in mid-July

FTA Acting Administrator Williams announcing $125 million funding pledge to VTA’s BART Silicon Valley Extension in August 2019.
Benefits of EPD

• No approvals required prior to award of grant; only 120-day review period
• No evaluation ratings required for Project Justification
• Phase II is the first and only project accepted into program to date
Public-Private Partnerships (P3)

• Public-Private Partnerships (P3) are a requirement of EPD

• P3 components will include Transit-Oriented Development (TOD) and Design-Build Finance (DBF)

• Staff analyzing which contract packages are most suitable for DBF
FTA EPD Application Requirements

- Final Project scope, cost, and schedule
- Financial Plan and funding sources
- Public-Private Partnerships and project delivery
- Project justification
- Project Management Plan
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<th>Contract No.</th>
<th>Title</th>
<th>Delivery Method*</th>
<th>General Scope</th>
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<tr>
<td>1</td>
<td>Systems</td>
<td>Design-Furnish-Install (DFI)</td>
<td>• All rail system elements</td>
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<td></td>
<td>(Approx. contract value $500M)</td>
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<tr>
<td>2</td>
<td>Tunnel &amp; Trackwork</td>
<td>Progressive Design-Build (PDB)</td>
<td>• Tunnel &amp; trackwork&lt;br&gt; • Mid-tunnel facilities&lt;br&gt; • 28th Street/Little Portugal support of excavation&lt;br&gt; • Utility relocations as required</td>
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<td>(Approx. contract value $2,000M)</td>
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<td>3</td>
<td>Newhall Yard &amp; Santa Clara Station</td>
<td>Design-Build (DB)</td>
<td>• Yard &amp; Maintenance Facility&lt;br&gt; • Line &amp; track&lt;br&gt; • Santa Clara Station&lt;br&gt; • 500 space parking garage&lt;br&gt; • Utility relocations as required</td>
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<td>(Approx. contract value $500M)</td>
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<tr>
<td>4</td>
<td>Stations &amp; Support Facilities</td>
<td>Design-Build (DB)</td>
<td>• 28th Street/Little Portugal, Downtown and Diridon stations&lt;br&gt; • 1200 space parking garage (28th Street/Little Portugal Station)&lt;br&gt; • Adits&lt;br&gt; • Utility relocations as required</td>
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<td>(Approx. contract value $1,000M)</td>
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*Delivery methods under evaluation
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<th>2022</th>
<th>2023</th>
<th>2024</th>
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<tr>
<td>BART System Testing/ Rail Acceptance/ CPUC Certification</td>
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**Legend**

- **Notice to Proceed (Planned)**

**Substantial Completion**
## Cost Estimate

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<tr>
<th>FTA Standard Cost Category</th>
<th>Description</th>
<th>Estimate ($M YOE)</th>
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<tr>
<td>10</td>
<td>Guideway &amp; Track Elements</td>
<td>$1,623</td>
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<tr>
<td>20</td>
<td>Stations, Stops, Terminals, Intermodal</td>
<td>$1,667</td>
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<tr>
<td>30</td>
<td>Support Facilities: Yards, Shops, Admin. Bldgs</td>
<td>$278</td>
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<tr>
<td>40</td>
<td>Sitework &amp; Special Conditions</td>
<td>$198</td>
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<tr>
<td>50</td>
<td>Systems</td>
<td>$471</td>
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<td><strong>Construction Subtotal:</strong></td>
<td><strong>$4,237</strong></td>
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<tr>
<td>60</td>
<td>ROW, Land, Existing Improvements</td>
<td>$318</td>
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<tr>
<td>70</td>
<td>Vehicles</td>
<td>$205</td>
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<tr>
<td>80</td>
<td>Professional Services</td>
<td>$1,269</td>
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<tr>
<td>90</td>
<td>Unallocated Contingency</td>
<td>$262</td>
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<tr>
<td>100</td>
<td>Finance Charges</td>
<td>$246</td>
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<td><strong>Subtotal:</strong></td>
<td><strong>$6,537</strong></td>
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<td><strong>Investment to Date:</strong></td>
<td><strong>$323</strong></td>
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<td>Legacy &amp; Historical Costs (2003- 2020) (Environmental, Planning, Community Outreach, Project Management, Conceptual Engineering)</td>
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<td><strong>Total:</strong></td>
<td><strong>$6,860</strong></td>
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Notes:
- SCC 10-80 include Allocated Contingency
- SCC 80 includes Design- Build services
- Includes 2.72% escalation

Line item costs may be slightly adjusted before final submission without impact on Total Cost.
Next Steps

Summer 2020
• Initiate development of procurement documents
• Prepare BART rail operational requirements for each contract
• Conduct industry outreach with contracting community
• Continue stakeholder and community engagement
• Convene Subject Matter Expert (SME) Panels including peer agencies, tunnel, construction and contracting advisors
• Develop Integrated Work Program (IWP) for professional service providers
• Begin real estate acquisition process

Fall 2020
Receive grant agreement from FTA
Begin advertisement of RFI/RFQs

July 2020
Submit EPD Application to FTA

120 Day FTA Review
Questions
Phase II Update: Real Estate Acquisition
Ron Golem, VTA
Steps in VTA Real Estate Acquisition

1. Potential acquisitions identified and evaluated by the environmental document (SEIS/SEIR)
2. Certification of environmental document to authorize acquisitions
3. Relocation Plan adopted to identify business/residential occupants who may need to move
4. Additional planning and review required when federal funds will be used
5. Project engineering determines exact property requirements; prepare survey maps and legal descriptions
6. Appraisals commence. VTA must offer just compensation (fair market value) + all applicable relocation benefits
Real Estate Acquisition Timeline

In progress

Full and/or partial acquisition of properties required for stations and ventilation structures

Starting Fall '20

Temporary construction easements for Construction Staging Areas (CSAs)

Starting Winter '20

Permanent tunnel easements

Dates above reflect anticipated start time for contacting property owners in each category. Real Estate Acquisition is expected to occur through 2023.
Questions
Related Planning Efforts
Bernice Alaniz, VTA
Planning Efforts Updates

Today:
• TOC Update

September:
• DISC Update
Implementing Transit Oriented Communities

June 2020: VTA awarded $1.58 million through FTA Pilot Program for TOD Planning

VTA will work with communities, Cities of San José and Santa Clara on how best to:

- Enhance plans for the 28th Street/Little Portugal and Santa Clara BART Station areas based on the TOC Playbooks strategies and “tool kit”

- Establish a BART corridor-wide mobility and investment program and policies to fund and implement improvements and amenities that support TOCs

- Create a Master Plan for TOD on VTA property in the 28th Street/Little Portugal BART Station area

Discussion between VTA and the Cities on how to coordinate and implement this work will begin by August, with a goal for this next effort to start in early 2021.
Questions
Community Engagement
Bernice Alaniz, VTA
Community Engagement

• Small Business Resources Study
  • Paused due to COVID-19 business restrictions

• 2020 Virtual Community Meetings on project updates

• Real Estate Acquisition support to start Fall 2020
Questions
Next Steps

• Next CWG meeting: September 16, 4:00 PM, Virtual Meeting
  - CWG Member Report Backs
  - Phase II Update
  - Community Engagement
  - Related Planning Efforts
    - Transit Oriented Communities
    - Diridon Integrated Station Concept Plan

• Action Items