VTA’s BART Silicon Valley Phase II Extension Project

Santa Clara Community Working Group
September 13, 2018
Agenda

• Follow-up Items & Work Plan
• Government Affairs Update
• Phase II Update
• Construction Education and Outreach Plan
• Relocation Planning
• Transit Oriented Development Strategy & Access Planning Studies Update
• Next Steps
Role of the CWG

- Be project liaisons
- Receive briefings on technical areas
- Receive project updates
- Build an understanding of the project
- Collaborate with VTA
- Contribute to the successful delivery of the project
Your Role as a CWG Member

- Attend CWG meetings
  - Bring your own binder (BYOB)
- Be honest
- Provide feedback
- Get informed
- Disseminate accurate information
- Act as conduits for information to community at large
## Role of the CWG Team

<table>
<thead>
<tr>
<th>CWG Team Member</th>
<th>Role</th>
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<tr>
<td>Eileen Goodwin</td>
<td>Facilitator</td>
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<tr>
<td>Gretchen Baisa</td>
<td>Primary Outreach Contact</td>
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<tr>
<td>Jill Gibson</td>
<td>Phase II Planning Manager</td>
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<tr>
<td>Erica Roecks</td>
<td>Technical Lead</td>
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<tr>
<td>John Davidson</td>
<td>City of Santa Clara – Planning Liaison</td>
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<tr>
<td>Jessica Zenk</td>
<td>City of San Jose – DOT Liaison</td>
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<tr>
<td>Charla Gomez</td>
<td>City of San Jose – Planning Liaison</td>
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New CWG Dates
(http://www.vta.org/bart/upcomingmeetings)

- November 15, 2018 4:00 – 5:30 PM
- February 7, 2019, 4:00 – 6:00 PM
- April 18, 2019, 4:00 – 6:00 PM

VTA Board of Directors
(http://www.vta.org/get-involved/board-of-directors)

- October 4, 2018 – 5:30 PM
- November 1, 2018 – 5:30 PM

Diridon Station Joint Policy Advisory Board
(http://www.vta.org/get-involved/policy-advisory-board/diridon-station-joint-policy-advisory-board)

- December 14, 2018 – 3:00 PM
Follow-Up Items
Follow-Up Items

• Link to the TOD/Access Study Background Conditions Report and Station Profiles was emailed to CWG members
• Will update CWG members when station naming item is on future VTA Board agendas
• New funding plan will be distributed when it’s developed
Government Affairs Update

Aaron Quigley, VTA
Proposition 6

What is it?

• A California constitutional amendment repealing Senate Bill 1 (SB 1)
• On the November 2018 ballot
• VTA Board adopted a resolution in opposition

Impact

• Eliminates new SB 1 fuel taxes and Transportation Improvement Fees (TIF)
• Requires voter approval of future fuel taxes and vehicle fees
• Jeopardizes BART, Phase II funding from Transit and Intercity Rail Program
Other Funding Sources

Regional Measure 3
• A $3 toll increase on the region’s seven state-owned bridges, phased in by 2025
• Provides $375 million for the BART Silicon Valley Extension, Phase II
• Approved by 55% of voters across the nine Bay Area counties on June 5, 2018
• Legal challenge filed in July, 2018

2016 Measure B
Projected to generate $6.3 billion over 30 years:
• Funding for BART Silicon Valley Extension Phase II capped at $1.5 billion
• In appellate court, hearing schedule TBD
AB 2923 (Chiu)

Promotes transit-oriented development (TOD) near BART stations

- Applies only to the BART district, not Santa Clara County
- Requires new TOD zoning for parcels near stations by July 1, 2022
- Establishes minimum height, density, parking, and floor area ratio requirements

Status

Sent to the Governor for signature of veto on August 29
Phase II Update

Erica Roecks, VTA
Krishna Davey, VTA
TRAVEL TIMES
- Alum Rock/28th Street... 10 Minutes
- Downtown San Jose... 10 Minutes
- Diridon ................. 15 Minutes
- Santa Clara ............ 15 Minutes
Phase II Current Activities

- Continued Coordination with FTA on Federal Participation
- Continued Coordination with San José and Santa Clara Planning
- Field Activities: Geotechnical & Utility Investigations
- Planning for 3rd Party Agreements
- Right-of-Way Engineering & Real Estate Planning
- Developing Design Parameters & Criteria in Coordination with BART in advance of the General Engineering Consultant (GEC)
Phase II Two-Year Look Ahead

**FTAD Process**
- Prepare and Certify Final Environmental Document
- Prepare Documentation for FTA Full-Funding Grant Agreement (FFGA)

**Engineering**
- Planning for Real Estate
- Real Estate Due Diligence
- Real Estate Appraisal Review and Acquisition
- 3rd Party Utility Relocation Planning, Agreements, and Design
- Conceptual Engineering
- Design

**Community Outreach & Public Engagement**
- Stakeholder Intake
- Real Estate Permission to Enter (PTEs)
- Construction Transportation Management Plan (CTMP)
- Emergency Services Coordination Plan (ESCP)
- Pre-Construction Building Surveys

**Pre-Construction & Construction**
- Contracting & Delivery Strategy
- Construction Contract Sequence Planning
- Finalize Construction Sequence
- Early (Major) Construction
- Utility Investigation/Potholing
- Utility Relocation and Prepare for Construction

**Transit Oriented Development and Station Access Planning**
- San Jose Diridon Integrated Station Concept Plan
- TOD Strategies & Access Planning Study (Alum Rock/28th Street, Downtown San Jose, and Santa Clara Stations)

**Legend**
- FTA Milestones

*Solutions that move you*
FTA Process
April 2018 – April 2019

• Certified Final Environmental Document (FTA Issued Record of Decision in June 2018)
• Preparing documentation for FTA Full Funding Grant Agreement

Engineering
April 2018 – April 2019

• Planning for Real Estate, Real Estate Due Diligence & Begin Real Estate Appraisal Review and Acquisition
• Continue Conceptual Engineering
• Procure General Engineering Contractor (GEC) & Begin Design
• Develop Master Cooperative Agreements with City partners
• Begin 3rd Party Utility Relocation Planning & Agreements
Community Outreach & Public Engagement
*April 2018 – April 2019*

- Implement CEOP (Part A) – Planning & Develop CEOP (Part B) – Preconstruction
- Field Investigations Outreach
- Stakeholder Intake & Real Estate Permission to Enters (PTEs)

Pre-Construction & Construction
*April 2018 – April 2019*

- Develop Contracting & Delivery Strategy
- Begin Construction Contract Sequence Planning
- Begin Utility Investigation/Potholing

TOD & Station Access Planning
*April 2018 – April 2019*

- TOD Strategies & Access Planning Study
- San Jose Diridon Integrated Station Concept Plan
The first visible field work on VTA’s BART Phase II is starting, although major construction is not expected to begin on the project until early 2020.

Geotechnical and utility data is required to further develop design plans for stations and tunnel.

Short-term, intermittent lane closures will be required at various sites.

Field work is expected to begin as soon as late September 2018.
Utility Investigations

Equipment:
– Truck-mounted high-powered vacuum to remove soil around each utility
  • Crews will carefully remove soil to verify the precise location of underground utilities such as water, power, communications and sewer lines. Most utilities are located less than 6 feet down from the surface.
– Survey team to record the exact location of the utility
– Crews then backfill the hole and replace the pavement
Equipment:

– Truck-mounted drill rig
  • Drill small diameter holes (about the size of a soda can) up to 150 feet deep to extract soil and groundwater samples for laboratory testing.

– Cone penetration test (CPT) truck
  • Additional data will be collected by pushing a 1.4” cone through the ground at a rate of 4 feet per minute, measuring resistance at the tip to correlate drill samples.
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<tr>
<td>RFP Issued:</td>
<td>June 2018</td>
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<tr>
<td>Proposals Submitted:</td>
<td>August 2018</td>
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<td>Interviews:</td>
<td>September 2018</td>
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<td>Board Approval:</td>
<td>November 2018</td>
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<td>GEC Start:</td>
<td>November/December 2018</td>
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Delivery Methods

Design-Bid-Build:
- Design completed to final level
- Bid, evaluation, and award
- Contractor performs work

Design-Build:
- Low level of design completed
- Design Build Contractor procured to complete design and build based on their approved means and methods
Proposed Contracting Strategy

Enabling Works
Design-bid-build
Advanced work to facilitate tunneling and construction activities. Scope may include building demolition, hazardous material remediation, etc.

Tunnel & Heavy Civil
Design-build
Tunneling, excavation and structural concrete work of portals, stations, and ventilation facilities

Station Fit-Out
Design-bid-build
Station finishes including exterior, interior architecture, vertical circulation elements, etc.

Track & Systems
Design-bid-build
Track and systems installation and testing

Newhall Maintenance Facility/Santa Clara Station
Design-bid-build
All work for Newhall Yard and Santa Clara Station including track and systems

Parking Garages
Design-build
Parking structures at Alum Rock/ 28th Street and Santa Clara Stations
GEC Scope of Work

Duration:
• Estimated 8 years

Scope includes:
• Development of:
  • Design criteria
  • Technical documents & specifications
  • Preliminary Design
  • Final Design
• System integration
Preliminary Engineering (PE)

- First 18 months of GEC work

- Development of the following to a PE level for all proposed Contracts:
  1. Design Criteria
  2. Plans
  3. Specifications
Questions?
Community Education & Outreach Plan

Gretchen Baisa, VTA
Field Investigation Outreach

• Mailing to stakeholder lists within 750 feet of alignment
• E-blast newsletter
• Door to door outreach and flyer drop along impacted areas: 2 weeks before construction
• Door to door outreach: 72 hours before construction
• Social media outreach
• Short video clip explaining the overall purpose of this fieldwork
• Content created and shared with stakeholder groups

Phase II Construction Map coming soon:
www.vta.org/bart/map
Field Investigation Outreach

Upcoming Community Meetings

September – October

• San Jose Downtown Association – Commercial Property Owners
• Delmas Park Neighborhood Association
• East Santa Clara Street Business Association
• Shasta Hanchett Park Neighborhood Association
• San Jose District 6 Leadership Group
• San Jose Downtown Association – Historic District Committee
Phase II Collateral

General Outreach

FACT SHEET: VTA’s BART Silicon Valley Phase II Extension Project

Ventilation Facility

VTA’s BART Silicon Valley Phase II Project is a six-mile, four-station extension that will bring BART train service to San Jose, through downtown San Jose and into the City of Santa Clara. The Phase II Project will include Bartlett/North San Jose, North Metropolitan, Downtown San Jose, Dr. Martin Luther King Jr. and one ground-level station (Santa Clara).

What is a ventilation facility?

Ventilation facilities are located along the north alignment roughly halfway between the underground stations. The tunnels operate primarily to cool air in and out of the tunnel during an emergency situation and for ventilation during maintenance activities. Features include fans, dampers, vent shafts, and associated facilities. Ventilation features include:

- Ventilation facilities are located along the north alignment roughly halfway between the underground stations.
- The tunnels operate primarily to cool air in and out of the tunnel during an emergency situation and for ventilation during maintenance activities.
- Features include fans, dampers, vent shafts, and associated facilities.

What can be seen from the street?

The addressed tunnel approaches the surface at approximately 116 to 120 feet with the ventilation shafts located in a structure approximately 50 by 140 feet in size and 28 feet in height. The far open end would be located on the east side of the project.

Project Benefits

- BART service to San Jose and Santa Clara
- Improved reliability and service
- Enhanced mobility for San Jose and Santa Clara regions
- Economic development
- Improved air quality

Solutions that move you
Questions?
Relocation Planning

Kathy Bradley, VTA
Karen Eddleman, AR/WS
Real Estate Planning Process

- Environmental Clearance
- Preliminary Engineering and Testing
- Relocation Planning and Public Comment
- Final Relocation Plan to VTA Board for Adoption
- Property Acquisition and Relocation
Legal Framework for Relocation Planning

State Laws and Regulations

• CA Gov Code 7260 et seq.

• CA Code of Regulations, Title 25, Ch.6

Federal Laws and Regulations

• U. S. Code, Title 42, Chapter 61

• 49 Code of Federal Regulations, Part 24
Relocation Plan Process

- Engage Property Owners
- Engage Property Occupants
- Present Project Information
- Explain VTA’s Relocation Assistance Program
- Conduct Area Research
- Community Engagement
VTA’s Relocation Assistance Program

- Relocation Advisory Assistance
- Assistance with Moving Costs
- Residential Tenant Occupants: Rent Differential Payments
- Business Occupants: Additional Moving Costs & Reestablishment Assistance
Summary of Potential Impacts

9 Residential Tenant Occupants
47 Business Occupants
4 Personal Property Only
Draft Relocation Plan
Public Review and Comment Period

August 17 – September 17, 2018

www.vta.org/bart/construction/realestate
Next Steps

November CWG: Real Estate Planning Process
Questions?
Transit Oriented Development Strategy & Access Planning Studies Update

Adriano Rothschild, VTA
TOD and Access Strategy Study

Land Use (TOD) Strategy
- Strategies to increase investment in TOD
- Detailed implementation strategy to catalyze TOD

Access Planning
- Multimodal access planning around stations
- Designed to meet needs of future TOD

Kick-off: January 2018
Estimated Completion: Spring 2019

- Alum Rock/28th Street Station
- Downtown San José Station
- Diridon Station (Separate Effort)
- Santa Clara Station

Solutions that move you
Study Timeline and Work Plan Elements

Background Conditions
Jan.-May
- Define Study Area Boundaries
- Identify Existing Opportunity Sites
- Evaluate Existing Parking Supply & Demand
- Identify Existing Affordable Housing
- GIS Mapping of Existing and Planned Networks

Corridor Opportunities & Constraints
Mar.-Sept.
- Determine Growth Projections for Study Area
- Determine Development Capacity
- Identify TOD Potential and Barriers to TOD
- Identify Potential for Land Use & Zoning Modifications
- Gaps in Access Network; Transportation Capacity Constraints

Implementation Strategies & Tools
Oct.-Mar. 2019
- Strategies for Creating a Market for TOD
- TOD Guidelines for public & private space improvements
- Funding and Implementation Strategies
- Visual Renderings with TOD Opportunities/Options

We Are Here
CWG Workshops

- April – What is Good TOD?
- September – TOD Opportunities and Constraints
- November – TOD Strategies and Guidelines
- April 2019 – Final Report, Next Steps
Questions?
Next Steps

Eileen Goodwin, Facilitator
Next Steps

• Next CWG meeting:
  Thursday, November 15th - 4:00-5:30 PM
  Santa Clara University 475 El Camino Real, Manrissa Room, Santa Clara
    • Phase II Update
    • Transit Oriented Development Strategy & Access Planning Studies Update
    • Construction Education & Outreach Plan
    • FTA Process
    • Real Estate Planning Process
    • Pre-Construction Activities Update

• Action Items