VTA’s BART Silicon Valley Phase II Extension

Santa Clara Community Working Group

June 16, 2016
Agenda

• Follow-up Items, Project Updates and Work Plan
• Construction Methodology
• Joint Development
• Construction Outreach Best Practices Research Summary 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

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<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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<td>Angela Sipp</td>
<td>Primary Outreach Contact</td>
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<td>Leyla Hedayat</td>
<td>Phase II Project Manager</td>
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<td>Erica Roecks/Janie Soriano</td>
<td>Technical Lead</td>
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<td>John Davidson</td>
<td>City of Santa Clara – Planning Liaison</td>
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Upcoming Meetings

Public Hearings for Draft Environment Document
• Fall 2016

VTA Board of Directors
• June 24, 2016
• August 4, 2016
• September 1, 2016

BART Silicon Valley Program Working Committee
• August 8, 2016
• October 3, 2016

Public meetings on specific technical topics - TBD
Follow-up Items

• Send links to various Envision links for budgeting tool and scorecard results
  – Links included in April Meeting Notes under “Follow-Up Items”

• Send link to LA Metro animation video
  – Link to YouTube video included in April Meeting Notes under “Follow-Up Items”

• Send construction outreach presentation to John Urban

• Prepare for live polling construction outreach best practices topic for June meeting discussion
Project and Schedule Updates

Leyla Hedayat, Phase II Project Manager
Schedule Update

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- **NEPA/CEQA Environmental Process**
  - BART/FTA Review of Administrative Draft SEIS/SEIR
  - Circulate Draft SEIS/SEIR Document
  - Preparation of Final SEIS/SEIR Document
  - VTA Board Defines Final SEIS/SEIR Project
  - VTA Board Approves Project

- **Community Working Groups (CWG)/Stakeholder Engagement**
  - Input on Construction Outreach Best Practices
  - Environmental Public Hearings for Draft Document
  - VTA Contracting/Final Project Definition
  - Construction Outreach Plan/Multimodal Access Planning
  - Access/Connectivity Workshop

- **Planning/Technical Studies**
  - Update on Comments from Draft Received —Provide to VTA Board
  - Prepare for Entry into New Starts Engineering (June)
  - Initiate VTA Station Access Planning Study

**Notes:** Community based presentations quarterly to transit advocacy groups, Envision Silicon Valley Board Decision will be in Summer 2016
Project Updates

• Environmental document – Second Administrative Draft submittal

• Addition of options in the document
  – Diridon Station North Option
  – Construction methodology option

• Public circulation of draft document likely fall 2016
Diridon Station Options

← Diridon North Option

Diridon South Option →
Work Plan Shifts

Eileen Goodwin, Facilitator
Construction Methodology

Krishna Davey, VTA
SVRT Phase II Tunneling Alternative

Community Working Groups
June 14-16, 2016
Presentation Overview

• Options analysis

• Description of single-bore tunnel option

• Assessment summary

• Next steps

• Questions and answers
Options Analysis

• Tunneling construction advancements

• Construction impacts to the community

• Construction risk
Single-bore Tunnel Overview

**Twin-bore Tunnel**

- Tunnels approximately 20’ in diameter
- Stations and crossover constructed with cut-and-cover construction
- Mined cross-passages
- Utility relocations

**Single-bore Tunnel**

- Single bored tunnel approximately 45’ in diameter
- Crossover, passenger platforms, and ancillary facilities within tunnel
- Off-street stations
- Deeper profile avoids obstacles and minimizes ROW requirements
Downtown San Jose Station Cross Section – Twin Bore
Downtown San Jose Station Cross Section – Single Bore
Elements of a Single-bore Tunnel
Phase II Alignment
Single-bore Train Operations
Assessment Summary

• Construction approach
  – Reduced cut & cover construction impacts
  – Significantly minimizes utility relocation
  – Reduced potential impact to station footprint
  – Minimal traffic, pedestrian and business impacts
  – Reduced environmental impact mitigation
  – Tunnel depth and alignment can avoid obstacles and private property
  – Tunnel and stations can be constructed concurrently

• Can provide flexibility in design and location of functional elements
• Ventilation, egress, and safety comply with codes and standards
• Operating function to improve headways and operational effectiveness
Assessment Summary

• Tunneling
  – Moderate mechanical risk with large TBM
  – Lower safety risks due to single versus twin drives

• Mined structures
  – No cross passages
  – Moderate risk of mining connections between tunnel and station/vent structures

• Schedule delay
  – Lower risk from utility relocations and third-party interfaces
  – Lower risk associated with environmental mitigation measures
  – Lower risk from differing site conditions with cut and cover and utilities relocation

• Cost overrun
  – Lower risk from changed conditions and environmental/community issues
Next Steps

• Completion of technical studies

• Risk assessment

• Continue discussions with FTA and BART
Questions
Joint Development

Ron Golem, VTA
Joint Development

Community Working Groups

June 14-16, 2016
What is Joint Development?

• Transit-Oriented Development (TOD) on VTA owned properties next to transit stations

• Typically on construction staging areas or other properties acquired for a transit project

• Done through public-private partnerships with for-profit and non-profit developers, organizations
  
  VTA retains long-term ownership of land and control over the project
The Opportunities

• Create new high-quality, mixed-use development that can offer neighborhoods:
  - Expanded housing choices
  - New choices for retail and services
  - Employment opportunities

• Below-market rate units – from 20% to 35% or more of units – affordable to area workers

• Capture and increase the number of transit riders through joint development and adjacent TOD
Creating Projects

• VTA engages communities to identify needs, issues, and challenges to be addressed

• Coordinated with City plans and community goals – local approvals are needed for projects

• Formulate a development concept that enhances the neighborhood and is feasible

• Ongoing work with communities after developer selection and during project development
Features of Joint Development Projects

• Tailored to each location
• Mixed-use with residential and commercial uses
• Market-rate and below-market rate residential
• High-quality places with public spaces
• Efficient parking
• Pedestrian, bike-oriented, connected to neighborhood
Construction Outreach Best Practices Research Summary Update

Angela Sipp, VTA
Innovative Campaign Practices

Purple Line – LA Metro
- Art Program Campaign
  - Metro Art Presents Series
  - Art Tours
  - Photographic Lightbox Series
  - Commemorative posters
  - Mural/Construction Fences
- Animated video tour of extension

Central Subway – SF MUNI
- Construction Updates
  - Electronic Construction Detour Notification
  - Consistent updates posted on social media “every Friday”
- Public Art Program
  - Partnership with the Chinese Community Development Center – “Couplet Design Contest”
Innovative Campaign Practices

Northwest Valley Extension– Valley Metro

- **Community Fairs**
  - Significant agency investment and promotion
  - Supported by businesses and residents
  - Themed events for children and families
  - Businesses promote themselves
- **Business Utility Rebate Program**
- **Community Advisory Group Contractor Incentives**

Purple Line Extension– LA Metro

**EAT, SHOP, PLAY Business Marketing Campaign**

Highlights the ways the community can **Eat** at local restaurants, **Shop** at local retail stores and **Play** at local destination.

- Videos featuring businesses along corridor
- Map-based website featuring businesses
- Social media campaign to promote businesses
Innovative Campaign Practices

2nd Avenue Subway – New York MTA
- **Project Tours**
  - Over 1000 individuals
  - Lead by MTA Capitol Construction CEO
- **Community Information Center**
  - Hands on custom innovative displays
  - Museum quality interpretation and visuals
  - Feature exhibit “The People Behind the Project”
  - Staffed five days a week, one Saturday a month

2nd Avenue Subway – New York MTA
- **Shop 2nd Ave Marketing Campaign**
  - Daily specials
  - Attract foot traffic to corridor
  - Partnership with Chamber of Commerce
  - Enhance branding of 2nd Ave
  - Development of mobile app
Outreach Tactics Survey Poll

You can respond by following the instructions shown on the poll when it is displayed. Text SCVTA to the number 22333 to participate.
What's your favorite color? Red, Blue, or Green?
When sharing information with members of your community, what subject matter gets the most response?
Which social media outlets would you prefer VTA to engage with you?
Survey Poll Question #3

Of the marketing programs presented, which do you think are more effective in a local business marketing campaign?
Which tools listed would serve the community best to better plan for construction impacts?
Traditional Outreach Practices

Central Subway - SFMTA

• Community Advisory Groups
  • Community Advisory Group (CAG) purpose is to engage with the local community and to receive input and feedback at key milestones throughout the project.

• Early Social Media Engagement
  • Project Website
  • Project Blog
  • Project Twitter page
  • Project Facebook page

Northwest Valley Extension – Valley Metro

• Dedicated Business and Construction Outreach Staffing
• 24 – Hour Hotline for residents and businesses
• Monthly Project Report Card
  • Detailed project station and budget
  • Reported and public meetings or stakeholder engagements
  • Relevant schedule updates
Traditional Outreach Practices

**Purple Line – LA Metro**
- Community post-construction meetings (weekly)
- Special focus on community businesses to understand needs
- Early social media engagement
- Construction sound walls

**2nd Avenue Subway – New York MTA**
- Contextual outreach delivered by neighborhood
- 3 week advance construction newsletters
- Visual and noise barriers for construction equipment
- Public workshops “Ask the Experts”
- Task force meetings – involved contractor/agency
Survey Poll Question #5

What is the most important role the Community Advisory Group (CAG) has during construction?
How effective is the current Community Working Group (CWG) process?
Survey Poll Question #7

What is the most valued function of community outreach to you?
Survey Poll Question #8

Do you consider VTA project/public meeting mailers an effective outreach tool in creating project activity awareness?
Outreach Tactics Survey Poll

Text **LEAVE** to 22333 to end participation in the poll.
The Overall Goal of the Community Outreach Team is:

- **Build relationships** - Between the public, the project team and decision makers. Make sure decision makers hear the public’s voice.

- **Educate stakeholders** - Regarding construction methods and project related information. The goal is to involve community partners in the project decisions that affect the public.

- **Minimize Project Effects** - Provide accurate and consistence information throughout project planning, design and construction.

- **Address Questions and Concerns** - Address issues promptly and act as frontline liaison between VTA and the public.
Outreach Team will review and evaluate current outreach research to identify what methods will be best suited for the communities we serve.

Outreach Team will provide recommendations to implement select innovative and traditional outreach tactics to VTA management.

Your input from today’s polling exercise will be included in what outreach tactics will be recommended.
Discussion

Eileen Goodwin, Facilitator
Next Steps

• Next meeting: Thursday, June 16, 2016 ~ 4:00-6:00 PM,
  South Bay Historic Railroad Society ~ BYOB
    – Environmental process (how to comment)
    – FTA Process: New Starts Funding
    – New Starts Project Development
    – Before and After Effect on Station Area (BART to present)

• Action Items