

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



CWG Team Member	Role
Eileen Goodwin	Facilitator
Angela Sipp	Primary Outreach Contact
Leyla Hedayat	Phase II Project Manager
Erica Roecks/ Janice Soriano	Technical Lead
John Davidson	City of Santa Clara – Planning Liaison

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

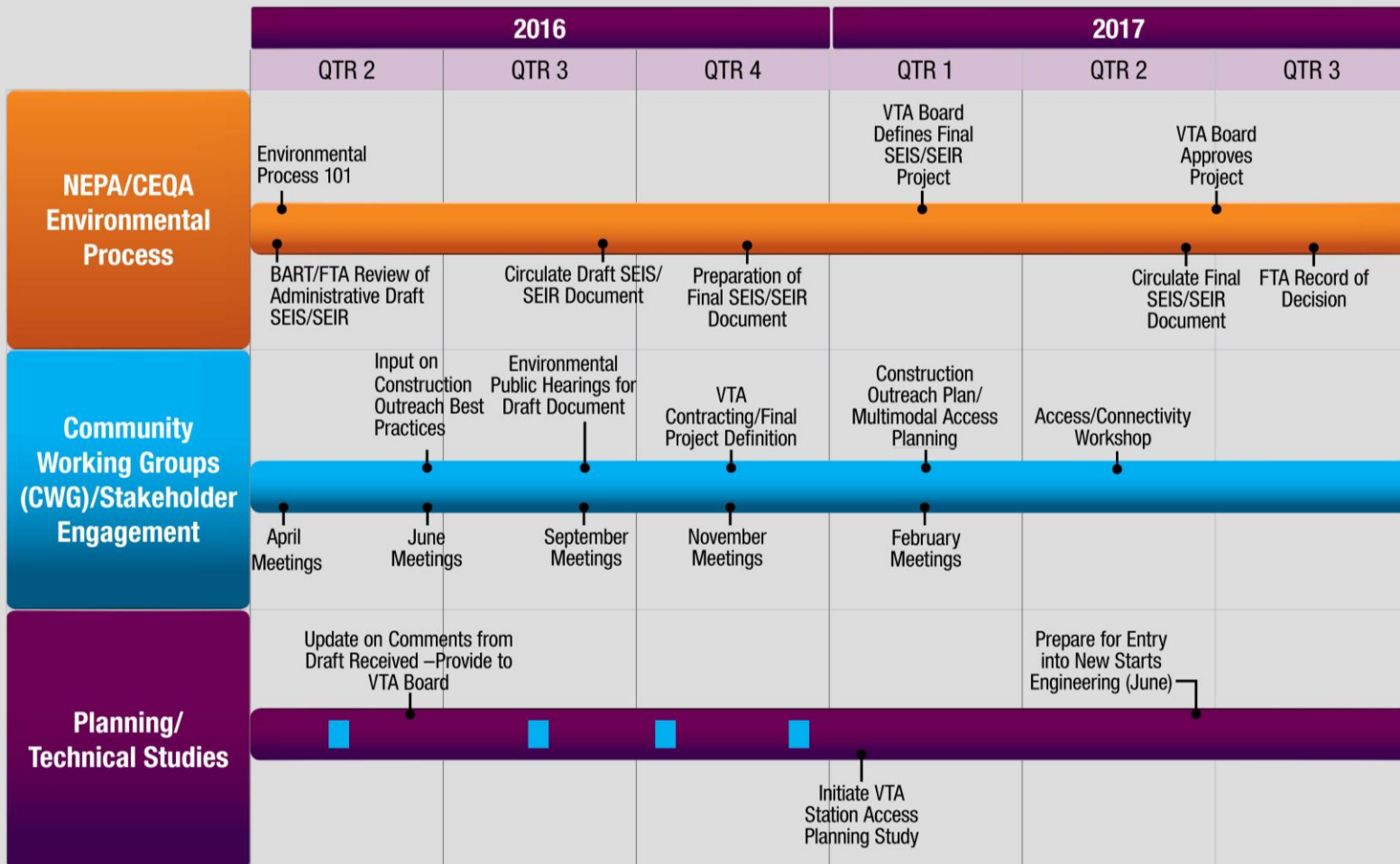


- Send links to various Envision links for budgeting tool and scorecard results
 - Links included in April Meeting Notes under “Follow-Up Items”
- Send link to LA Metro animation video
 - Link to YouTube video included in April Meeting Notes under “Follow-Up Items”
- Send construction outreach presentation 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



 Program Working Committee (PWC) Meeting

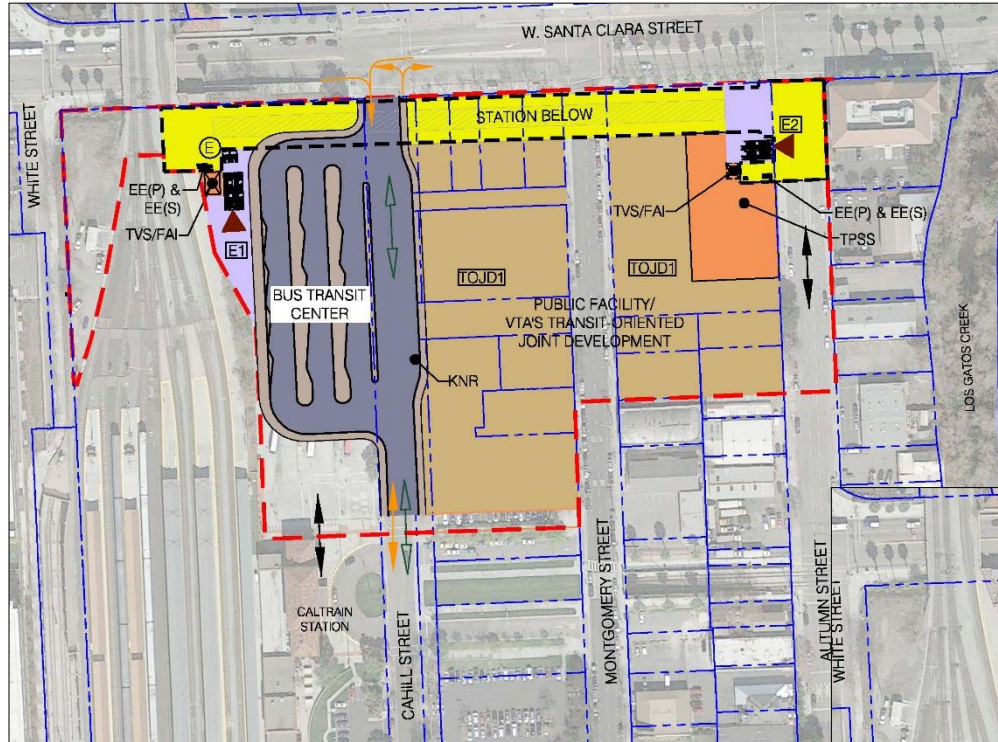
Notes: Community based presentations quarterly to transit advocacy groups, Envision Silicon Valley Board Decision will be in Summer 2016

Project Updates



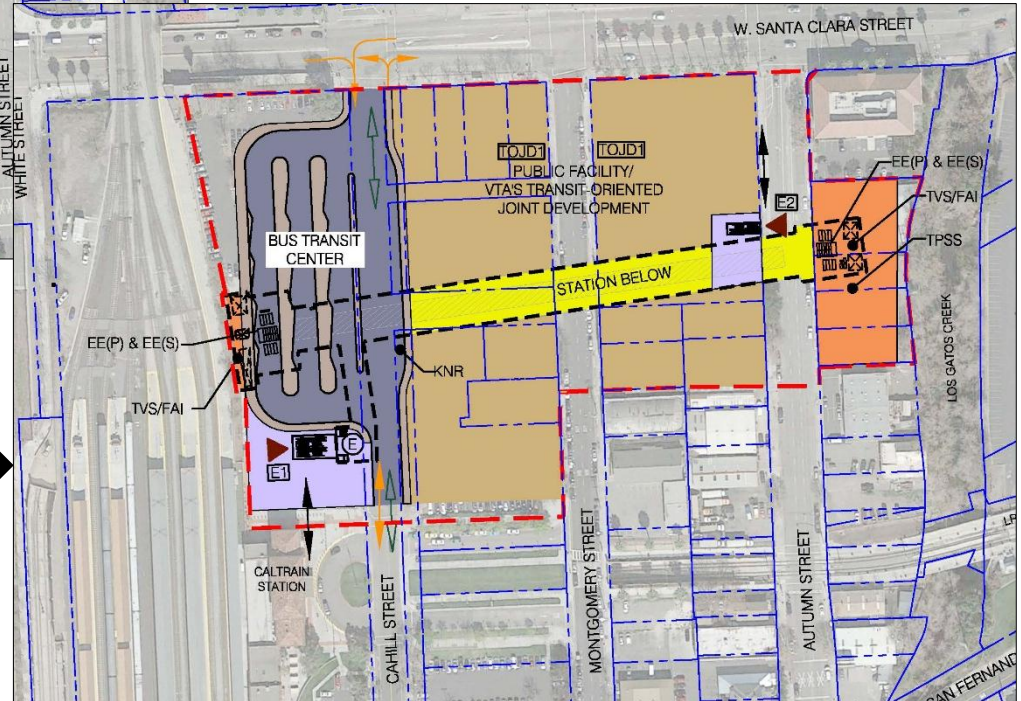
- Environmental document – Second Administrative Draft submittal
- Addition of options in the document
 - Diridon Station North Option
 - Construction methodology option
- Public circulation of draft document likely fall 2016

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



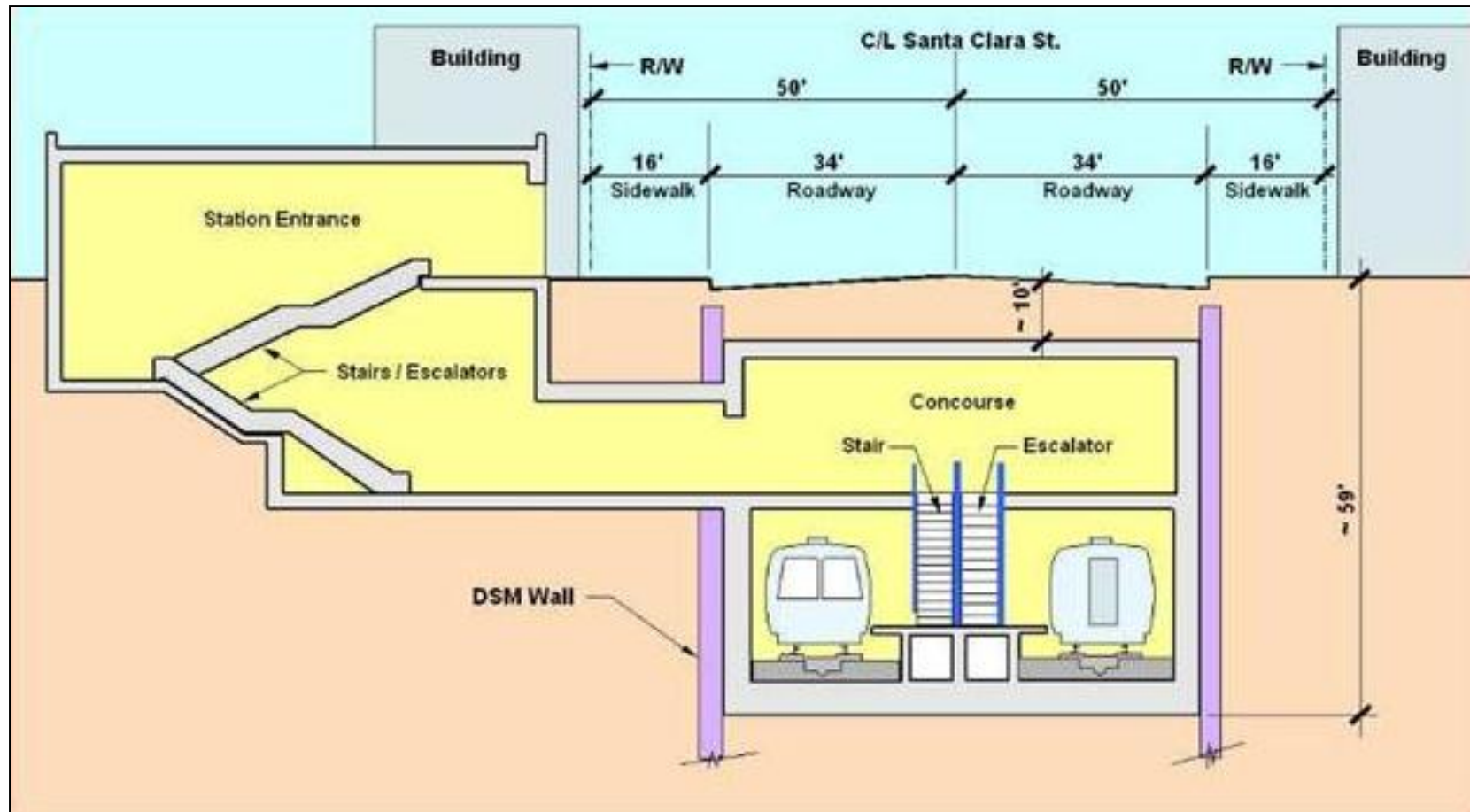
Twin-bore Tunnel

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

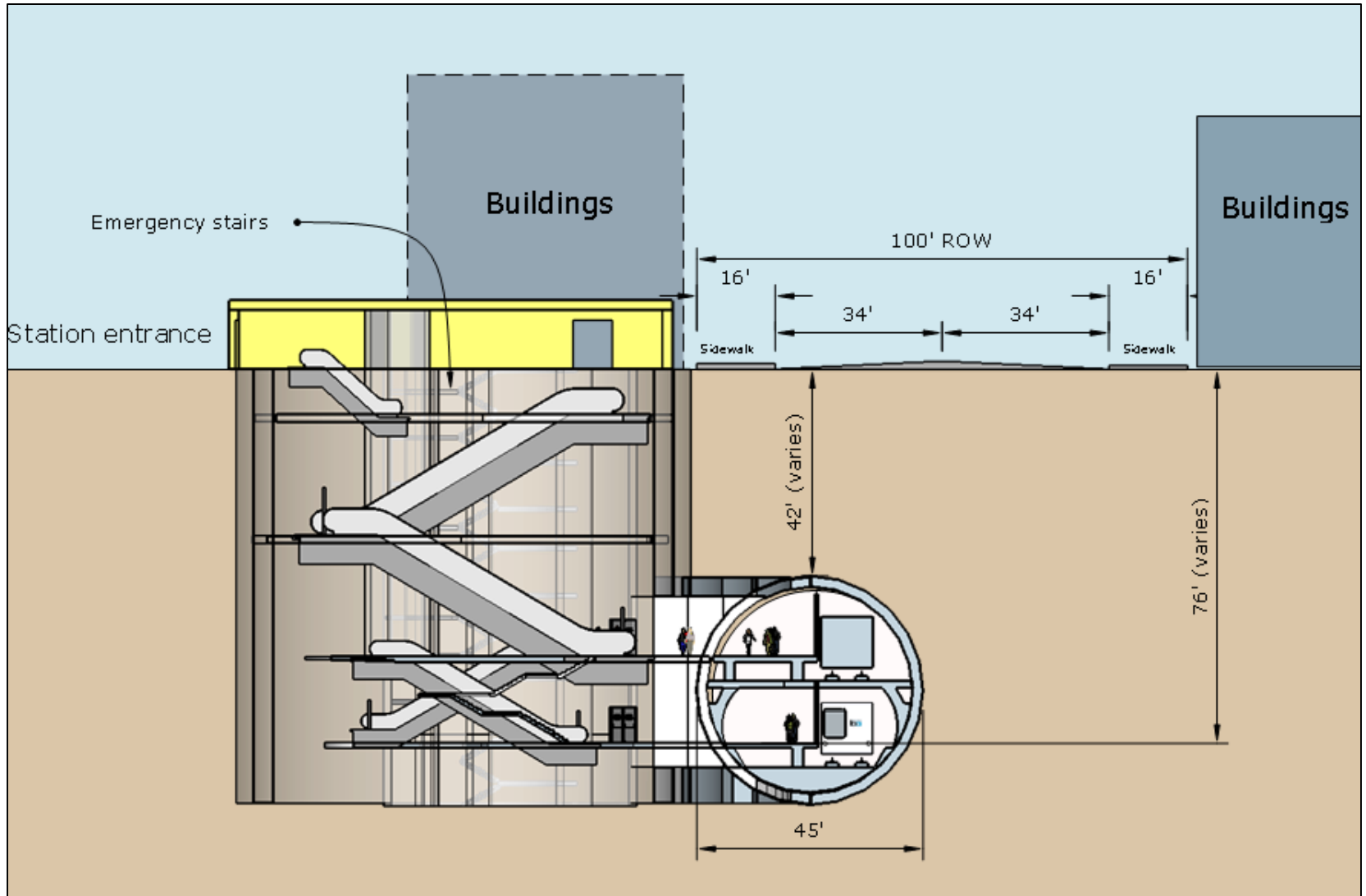
Single-bore Tunnel

- 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

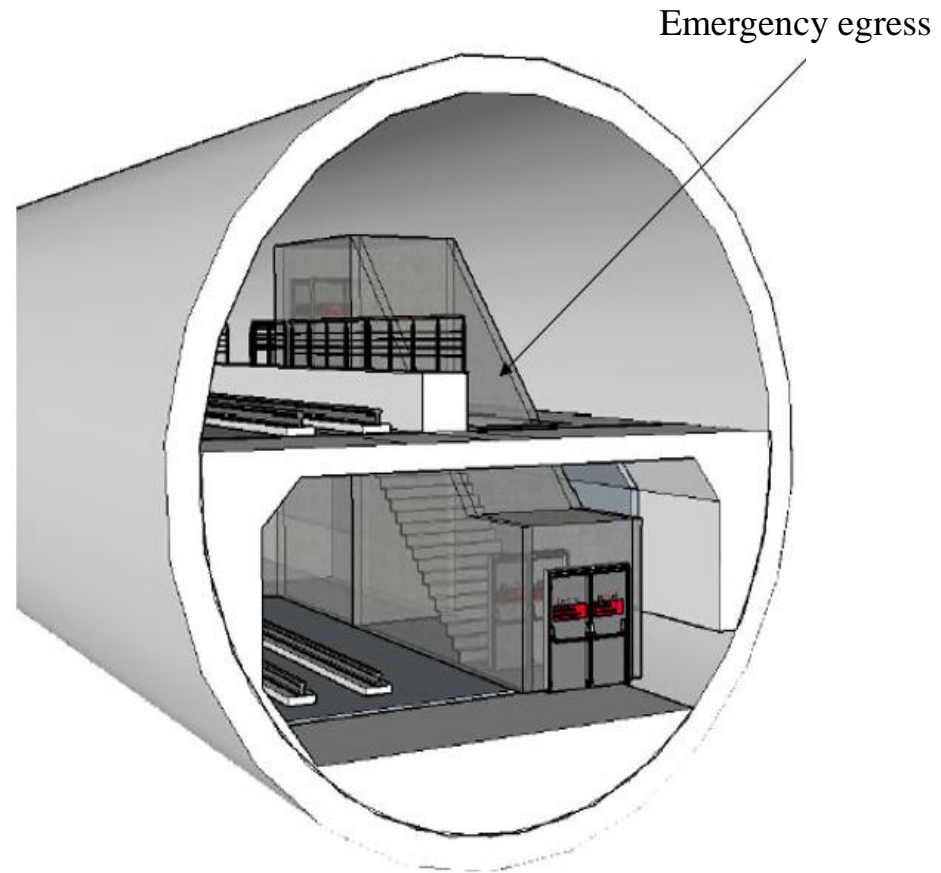
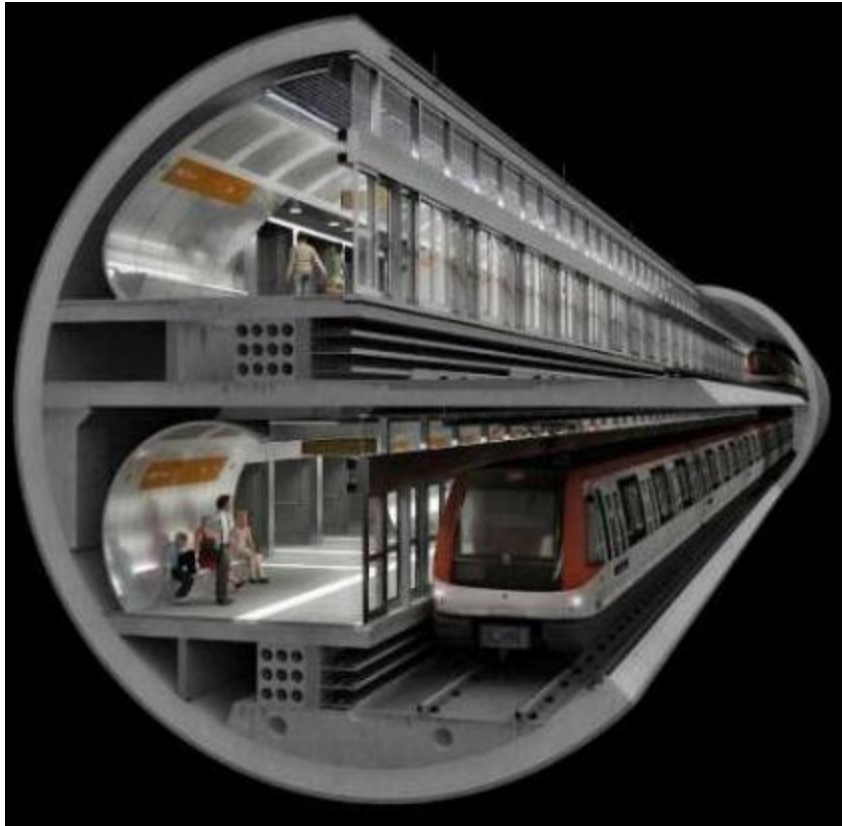
Downtown San Jose Station Cross Section – Twin Bore



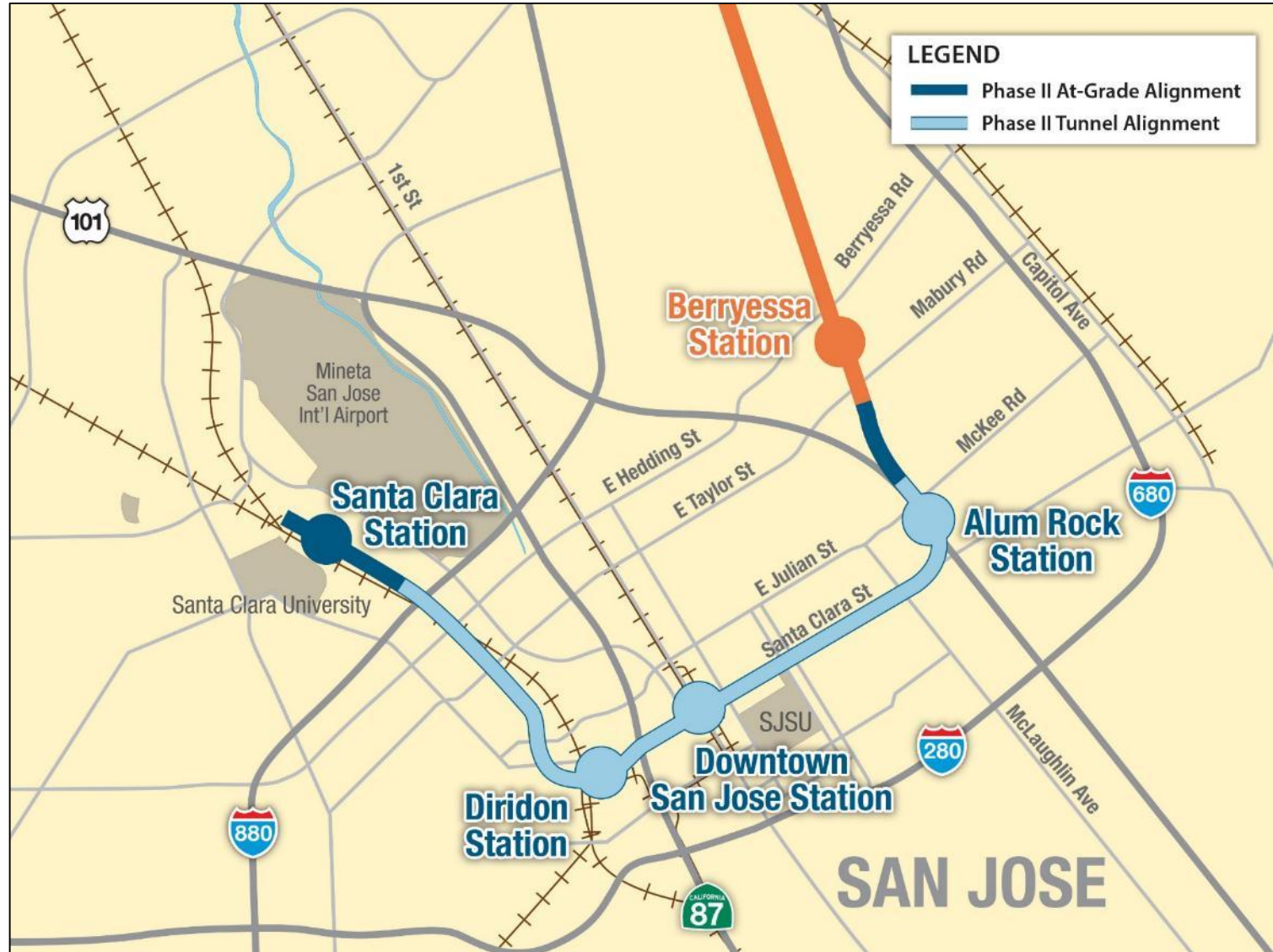
Downtown San Jose Station Cross Section – Single Bore



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

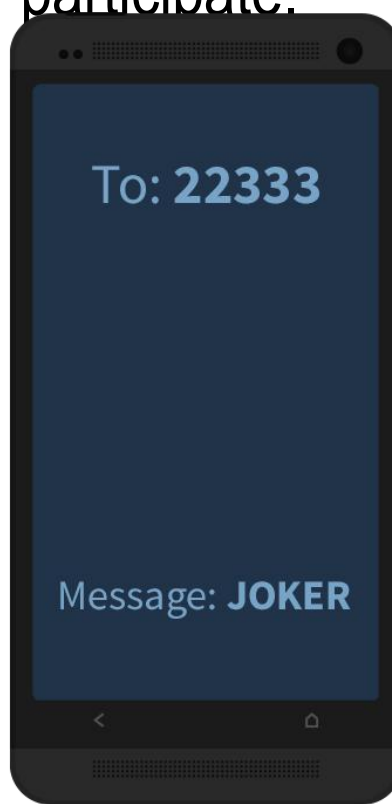


2nd Avenue Subway – New York MTA

- **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.



PRACTICE Survey Poll Question



What's your favorite color? Red, Blue, or Green?

Survey Poll Question #1



When sharing information with members of your community, what subject matter gets the most response?

Survey Poll Question #2



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?

Survey Poll Question #4



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?

Survey Poll Question #6



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.

Community Outreach Goals



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 consistent 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 Research Tactics – Next Steps



- 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