

VTA's BART Silicon Valley Phase II Extension Project

Santa Clara Community Working Group

February 9, 2017



Agenda

- Follow-up Items & Work Plan
- Measure B Update
- Next Network Transit Redesign Update
- Embark! Community On-boarding Plan
- Project Updates
- Draft SEIS/SEIR Public Circulation 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



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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



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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	Technical Lead
John Davidson	City of Santa Clara – Planning Liaison



Upcoming Meetings

VTA Board of Directors

- March 2, 2017 at 5:30 PM
- April 6, 2017 at 5:30 PM

VTA's BART Silicon Valley Program Ad Hoc Committee

- TBD

Public meetings on specific technical topics - TBD



Follow-Up Items & Work Plan



Follow-Up Items

- Sent 2017 CWG meeting dates with Meeting Summary
- Added link to Diridon Specific Plan and Working Group Vision document in Meeting Summary



Measure B Update

Brandi Childress, VTA



BART Phase II – Program Description

- \$1.5 Billion
- Capped at 25% of Program Tax Revenues
- Planning, engineering, construction, and delivery costs
- Extend BART from Berryessa in San Jose to Santa Clara
- Station locations:
 - Alum Rock/28th Street
 - Downtown San Jose
 - San Jose Diridon
 - Santa Clara



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BART Phase II – Proposed Guidelines



- Allocation based on funding plan to be developed as part of Federal Full Funding Grant Agreement



Next Steps

Measure B Implementation Committee Work Plan

	December 2016	January 2017	February-April 2017	April-May 2017	June 2017
Schedule & Work Plan Overview	█				
TAC Workshop on Program Structures		█			
Program Guidelines Development			█		
Review Program Guidelines			█		
Review Final Draft Program				█	
Approve Final Draft Program					█
Submit Draft Measure B FY18/FY19 Allocation					█
Approve Measure B FY18/FY19 Allocation with VTA Budget					█



Next Network Transit Redesign Update

Jim Unites, VTA



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Draft Transit Service Plan



VTA's Next Network

BART Community Working Group



Three Project Goals


- 1 Increase Transit Ridership
- 2 Improve Farebox Recovery (Efficiency)
- 3 Connect to BART at Milpitas and Berryessa



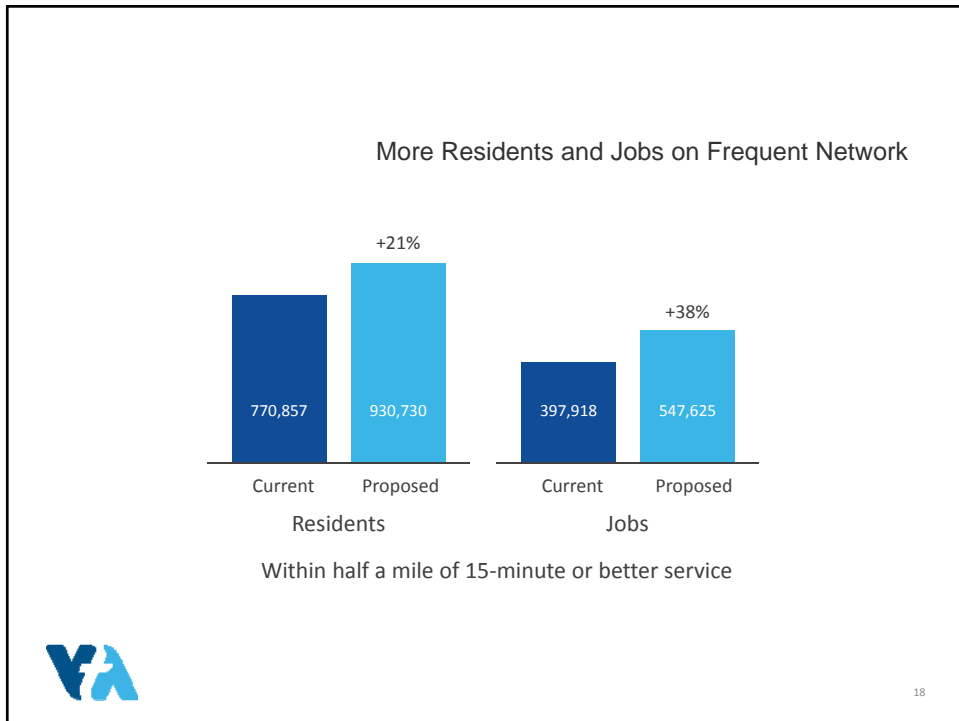
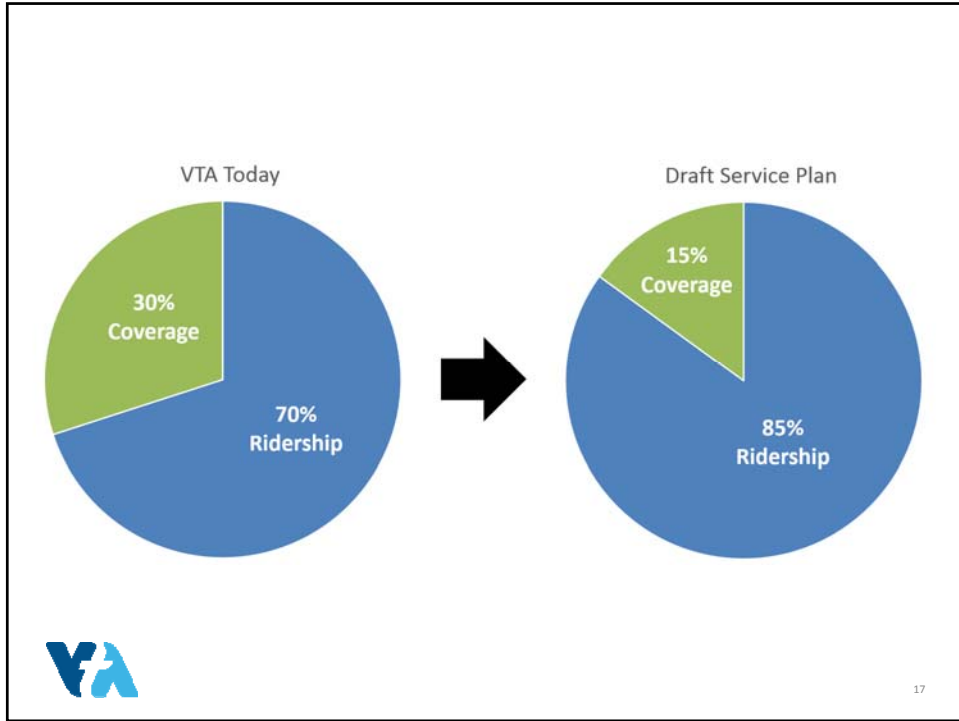
Solutions that move you 15

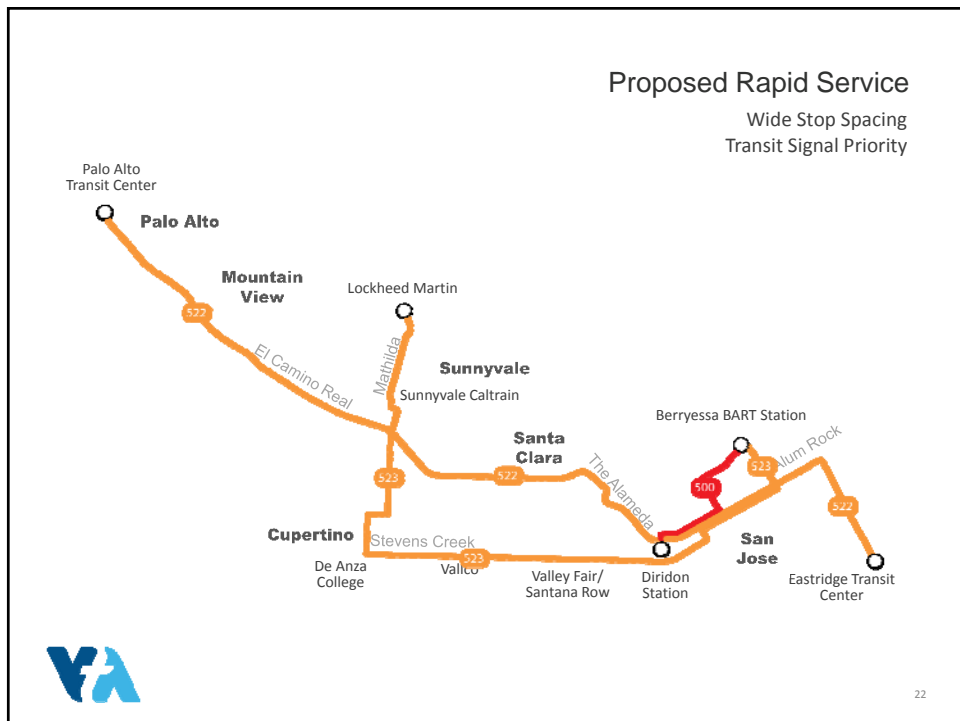
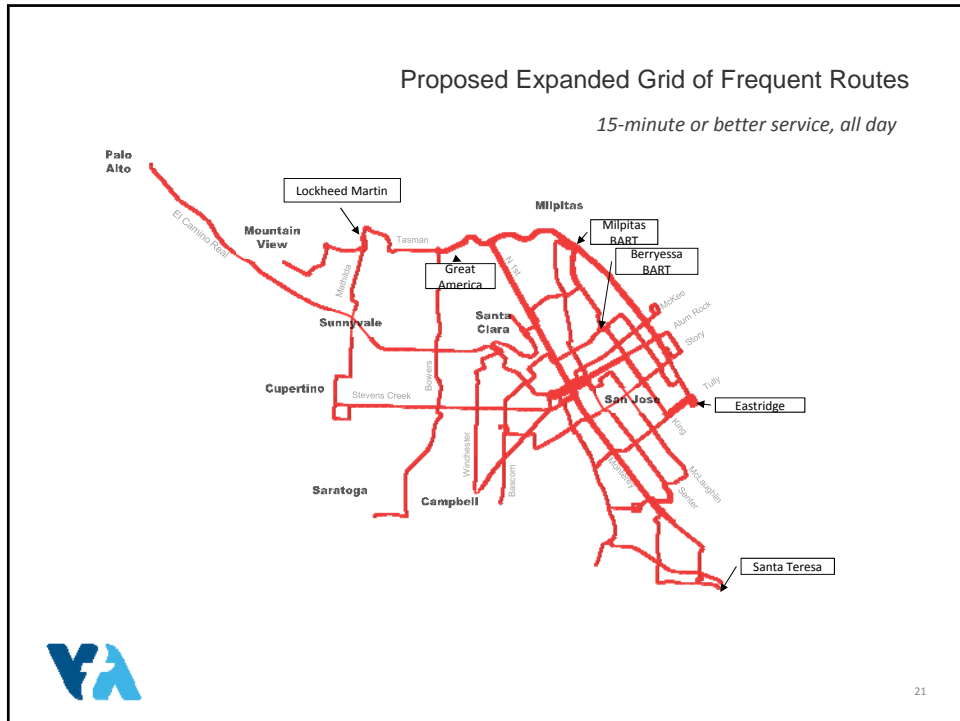
Project Schedule

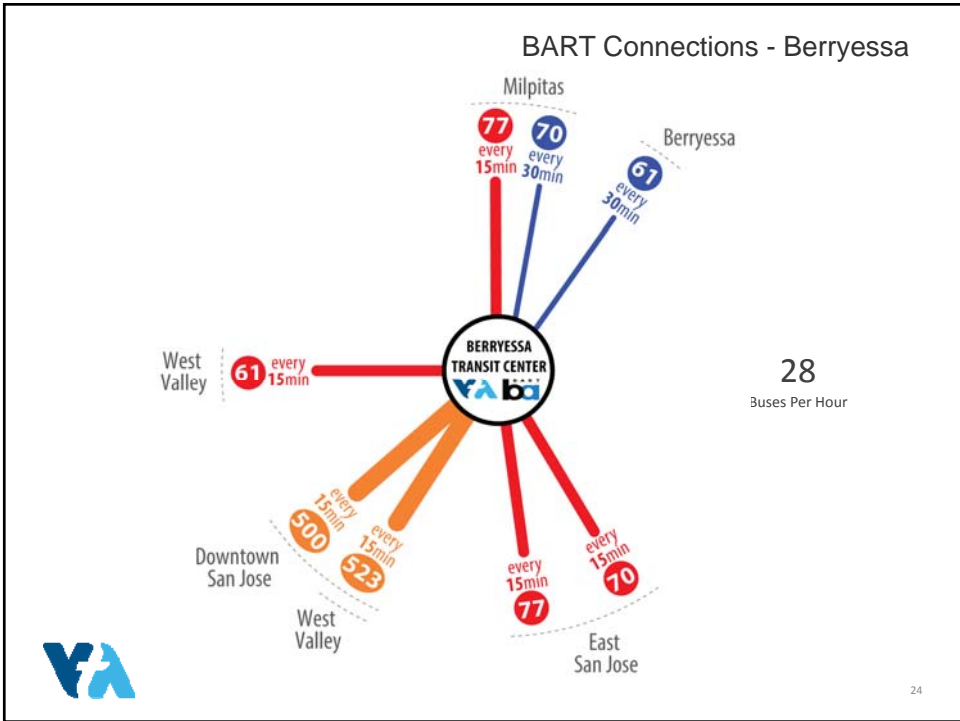
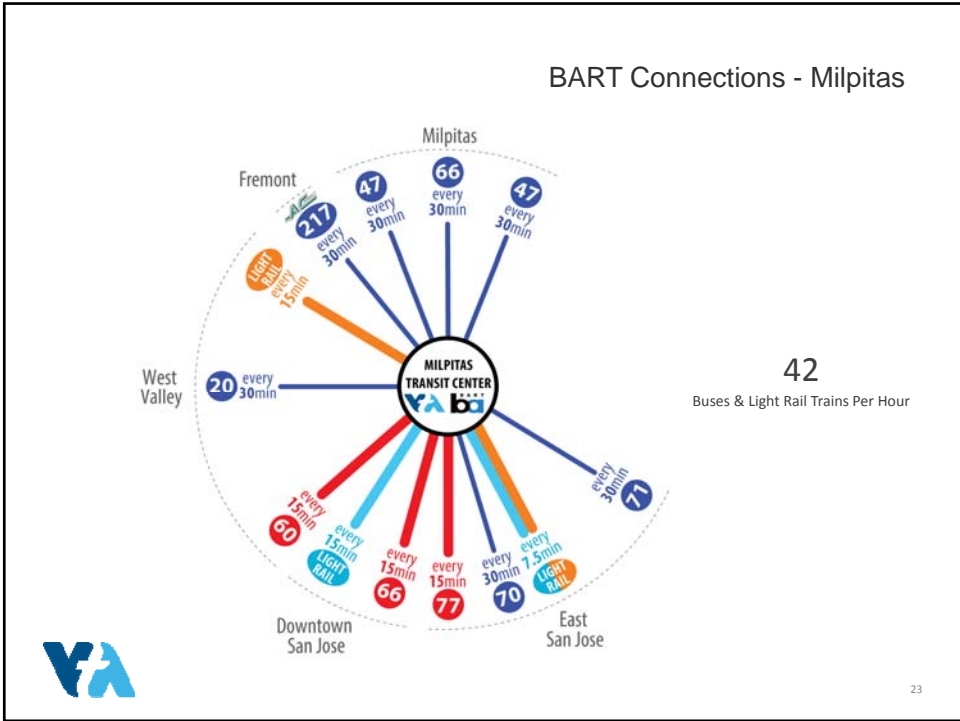
January 2016	Project Begins
March 2016	Choices Report released
April 2016	Three network concepts released for public review
May – Sept. 2016	Community Engagement on 3 concepts
Nov. 18, 2016	VTA Board: Design 85/15 Network
Jan. 5, 2017	Release of Draft Next Network Plan
Jan. 6 – Feb. 20 2017	Community Engagement
Feb. 20-28, 2017	Staff revises Plan in response to public comment
March 2017	VTA Committee review of Final Plan
April 6 2017	VTA Board approval of Final Plan



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VTA Fare Study

VTA is considering:

- Reduced or free VTA-to-VTA transfers to support VTA's new transit service plan
- Further discounted fares for Youths
- Continuation of TAP Program for eligible low-income persons
- Discontinuation of Community Bus fare type
- Adjusting all fares by approximately 12.5% to 25%
 - Adult base fare: \$2.00 -> \$2.25 or \$2.50

Any fare changes would at least maintain current revenue



nextnetwork.vta.org

HOME ABOUT EXPLORE THE PLAN OUTREACH RELATED EFFORTS BLOG

VTA's Next Network DRAFT PLAN

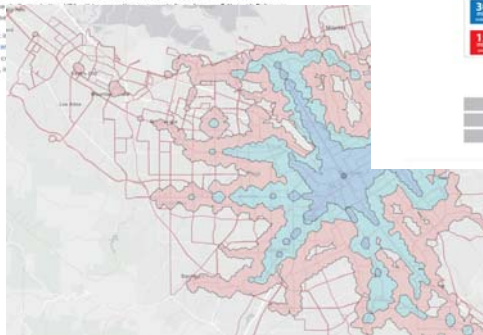
[Home](#)
[What's New?](#)
[Map](#)
[FAQ](#)
[Contact](#)

About the Plan

VTA is planning to change its transit service in the fall of 2017 to coincide with the start of BART service to Santa Clara County. Beginning January 8, 2018, VTA's Draft Next Network Plan will be available for review and public input to share your recommendations to make the plan better.

Please use the links below to see the plan and provide your input.

The Draft Plan incorporates public input from 2016 with an extensive outreach plan to increase ridership and improve frequent routes across the county.



project website

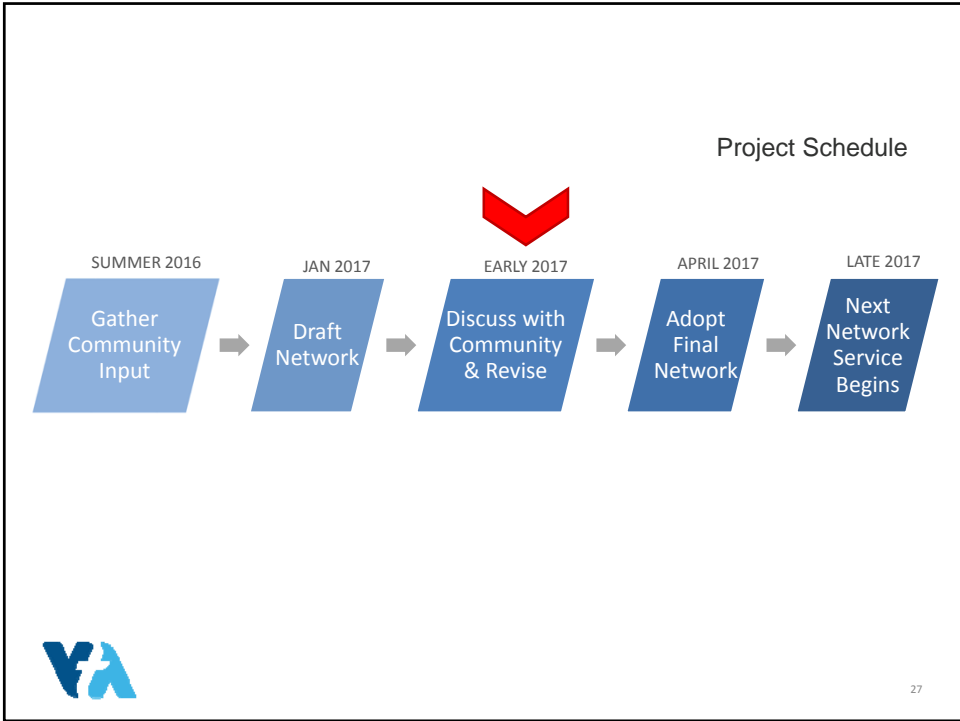
60 ROUTE 60
Combine with Route 10 to create new Route 60, which would connect Mountain View, San Jose Airport to Mission BART Station, Valley Fair, Saratoga Hill and Downtown Campbell. Increase weekend frequency.

Weekday Frequency	Saturday Frequency	Sunday Frequency
30 min	30 min	30 min
15 min	20 min	20 min

Hours of Operation

WEEKDAY: 5:00AM to 11:00PM
SATURDAY: 5:00AM to 11:00PM
SUNDAY: 5:00AM to 11:00PM





Embark!

Community On-boarding Plan for BART Silicon Valley

Brandi Childress, VTA

The slide features a blue background with white text. At the bottom, there is a white curved shape containing the VTA logo and the text 'Santa Clara Valley Transportation Authority' and 'Solutions that move you'. The number 28 is in the bottom right corner.



EMBARK!

Community On-boarding Plan for BART Silicon Valley



February 2017




Santa Clara Valley
Transportation
Authority
Solutions that move you

Objectives of EMBARK? Educate and Promote

Who?	When?
What?	How?
Where?	Why?



Tier 1 vs. Tier 2 Stakeholders



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Educate: Late Spring - Fall 2017



Campaigns / Themes:

- System Testing
- Service
- Operations
- Safety and Security

Delivering the Message (*in many languages*):

- Public Meetings / Webinars / Telephone Town Halls
- Quarterly Mailed Newsletter / Brochures
- “How to” Videos / Tutorials
- Digital Communications
- Station Tours



Come and Kick the Proverbial Tires!



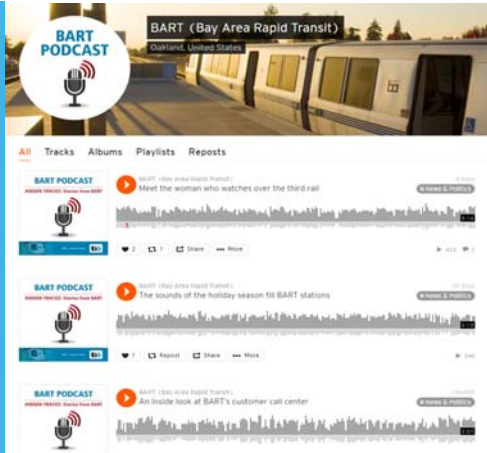
Station Tour Educational Program

- Monthly to Bimonthly Schedule
- Prioritize Tier One Stakeholders
- Virtual Tours



Promote: Fall - Late 2017

- Leverage Partnerships:
 - ✓ BART TV, Podcasts
 - ✓ Cities, County, Greater Bay Area
 - ✓ Community Working Groups
 - ✓ Neighborhood Associations
 - ✓ Transit/Bicycle Advocacy Groups
- Billboards along 680 and 880
- Massive Online Campaign
- Transit Fairs
- Media Days
- Radio Ads
- Videos



EMBARK!



- Your Connection to the South Bay (BARTable campaign) – BART riders
- Freedom to Roam/Explore the Bay Area – New riders
- Upgrade your Commute Portfolio – VTA riders



The Big Show



Cutting the Ribbon on the Largest Infrastructure Investment in Santa Clara County

- Late 2017 celebration highlighting PARTNERSHIPS
- Phase II Record of Decision, good timing!



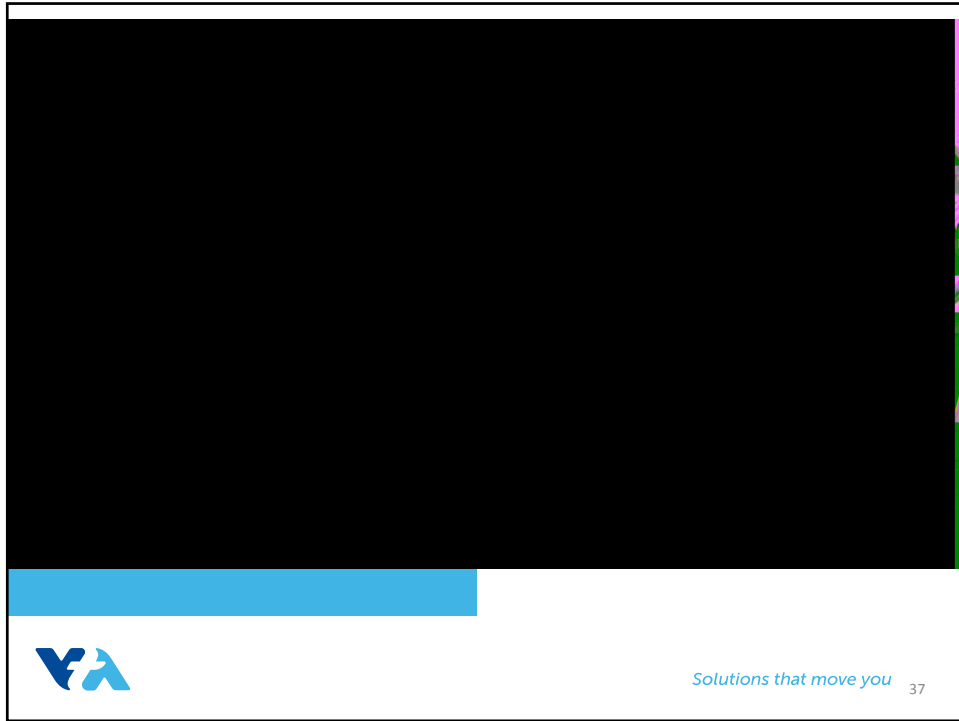
Measuring Success

Santa Clara Valley Transportation Authority
Laying the Foundation for Economic Growth:

FOUR DECADES OF TRANSPORTATION
INVESTMENT IN SANTA CLARA COUNTY

1976-2016





Project Updates

Leyla Hedayat, VTA



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Phase II Planning/Engineering Technical Studies Update

Single-Bore Tunnel Technical Study

- Key areas of focus:
 - Tunnel profile: diameter, depth, and alignment
 - Station configuration
 - Emergency egress and response
 - Ventilation
- Topic specific workshops conducted with BART in January to review prepared concepts and receive input and feedback
- Draft report anticipated February 2017
- Study completion anticipated March/ April 2017



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Phase II Planning/Engineering Technical Studies Update

Independent Risk Assessment of Tunneling Alternatives

- Assessment to evaluate risks associated with tunneling alternatives, including:
 - Interviews with technical experts and stakeholders
 - Qualitative & quantitative assessment
 - Risk report
- Proposals received in early January and are under evaluation by a joint VTA/BART review panel.
- Study anticipated to be completed in the Summer 2017




VTA's Process for Recommendation

Leyla Hedayat, VTA




Considerations for Station Locations	
Construction Impacts	<ul style="list-style-type: none"> • Impacts to existing infrastructure and sub-surface easements • Impacts to businesses, institutions and key destinations • Impacts to existing utilities
Connectivity	<ul style="list-style-type: none"> • Connections to other transit modes • Connections to key activity centers • Station access
Long-term Economic Development	<ul style="list-style-type: none"> • Compatibility with City's long-range plans • Compatibility to timing of area development • Transit Oriented Joint Development
Ridership	<ul style="list-style-type: none"> • Increases/decreases due to station location
Cost	<ul style="list-style-type: none"> • Overall magnitude of cost due to impacts to existing infrastructure, sub-surface easements, construction staging areas, engineering, etc.
Right of Way	<ul style="list-style-type: none"> • Availability of "right" ROW for entrance and construction staging • Impacts to historic resources
Alignment	<ul style="list-style-type: none"> • Optimization of horizontal and vertical alignments



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Considerations for Tunneling Methodology	
Constructability	<ul style="list-style-type: none"> • Risk profile • Complexity • Staging requirements • Impacts to existing infrastructure
Environmental	<ul style="list-style-type: none"> • Construction impacts • Impacts to ground surface activities and circulation, e.g. vehicle, bike/ped and transit detours • Impacts to historic resources
System Operations	<ul style="list-style-type: none"> • Routine operations and maintenance • Ventilation systems
Long-term Economic Development	<ul style="list-style-type: none"> • Impacts to businesses, institutions and key destinations • Transit Oriented Joint Development
Cost	<ul style="list-style-type: none"> • Overall magnitude of cost due to impacts to existing infrastructure, sub-surface easements, construction staging areas, construction elements, utility relocations, engineering, etc.



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Station Location Options Decision Making Milestones	Date
City of San Jose Staff Recommendation	February 2017
VTA Staff Recommendation	Summer 2017
VTA's BART Silicon Valley Program Ad Hoc Committee	August 2017
VTA Board of Directors Approval	Sept. 7, 2017


Tunneling Methodology Options Decision Making Milestones	Date
VTA Staff Recommendation	Summer 2017
VTA's BART Silicon Valley Program Ad Hoc Committee	August 2017
VTA Board of Directors Approval	Sept. 7, 2017



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City of San Jose's Process for Recommendation

John Ristow, City of San Jose



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City of San Jose's Process for Recommendation

San Jose's Station Location Recommendation Process	Date
San Jose Transportation and Environment Committee	March 6, 2017
San Jose City Council Study Session	March 30, 2017
San Jose City Council Action on Project Preferences	Will be discussed at CWG meeting



Diridon Transportation Facilities Master Plan Update

Jill Gibson, VTA



Diridon Transportation Facilities Master Plan Update

Community Working Group
February 2017



Project Goals



Transportation Performance

- A station that works
- A plan that fits
- Flexible, adaptable concepts



Passenger Experience

- Convenient, comfortable
- energetic, inspiring



A Good Neighbor & Civic Gateway

- Compatible with existing neighborhoods and future development
- Respect an historic setting
- A new landmark

Primary Activities: Master Plan Study

Define Functional Needs	Develop Alternatives	Evaluate the Alternatives
<ul style="list-style-type: none"> Functional Space Needs Multi-Modal Connections Access Requirements 	<ul style="list-style-type: none"> Fit the required program elements to the site Accommodate wide range of outcomes 	<ul style="list-style-type: none"> Develop transparent, measureable criteria Determine strengths and weaknesses

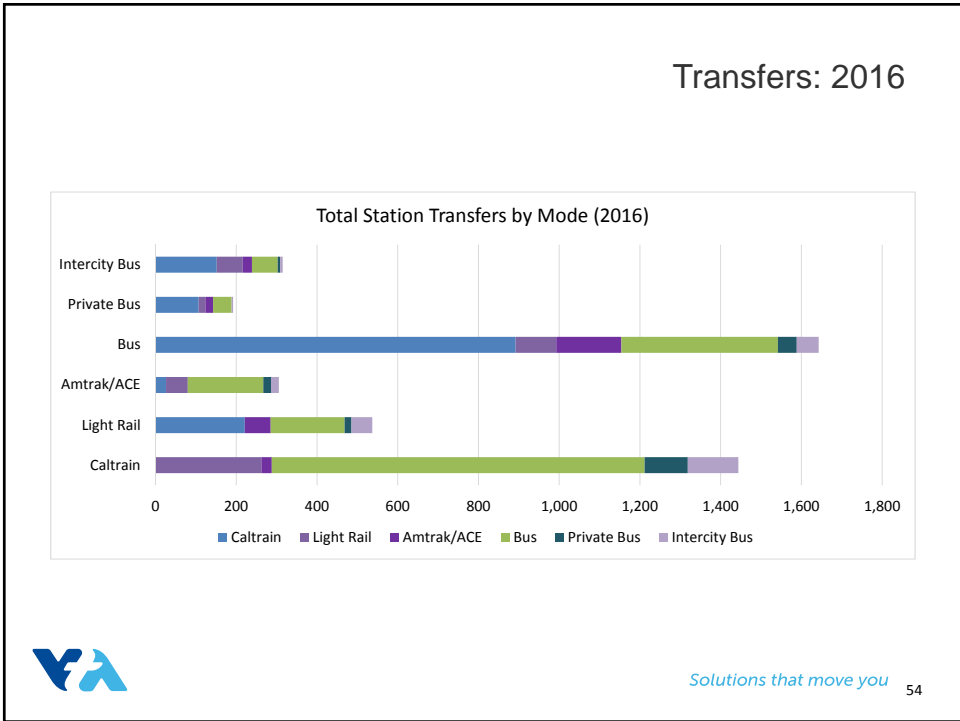
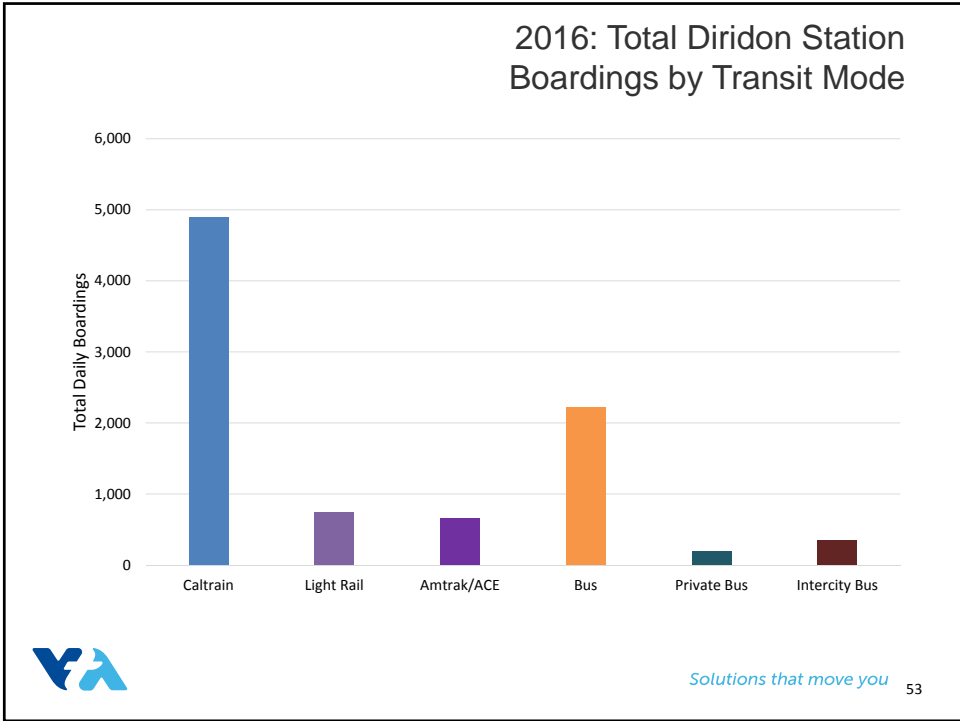
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Define Functional Needs Thoroughly *Horizon Year 2040*

- **Multi-Modal Service Needs:** ridership, service plans, mode of access, intermodal transfers, vehicular volumes, future forecasts
- **Space Programming:** Passenger Services, Back of the House, Ticketing, Police, Access Facilities, Retail, Passenger Loading
- **Access Study:** auto, bicycle, pedestrian, drop off/pick up, shuttles, special event circulation paths



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Diridon Station Facilities Master Plan

Facilities Program Database

Functional Categories	Building Infrastruct	Passenger Services	Station Managmnt	Transit Operations	Police	Retail	Parking	Curbside Space	Bicycle Facilities
Sub-categories	Electrical	Info Desk(s)	Loading / Trash	Baggage Handling	Police Post(s)	By Category	Car Share	Employee Shuttles	Bicycle Storage
	HVAC	Lost & Found	Maintenance & Cleaning	Maintenance (BOH)	Police Substation		Electric Car Charging Stations	Private Autos	Bike Station
	Plumbing and Fire Protection	Seated Waiting Areas	Storage Terminal Admin.	Management (BOH)	Operator Support (BOH)		Joint Development Parking	Taxi/Rideshare	
		Standing Waiting Areas		Staffed Ticketing			Replacement Parking		
		Toilets		Ticket Vending Machines (TVM)			Short-Term Parking		
				Ticketing & Accounting Support (BOH)			Transit Parking ("Park & Ride")		

1st December 2016
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Diridon Station Facilities Master Plan

Facilities Program Database

Transit Categories	Commuter Rail	Light Rail	Intercity Rail	Heavy Rail	Transit Bus	Motorcoach	Shuttles	Auto Parking	Bicycle
Transit Providers	Altamont Corridor Express (ACE)	Valley Transportation Authority (VTA)	Amtrak Capital Corridor	Bay Area Rapid Transit (BART)	Amtrak Thruway Bus	Amtrak Thruway Bus	Adobe	Carshare	Bay Area Bike Share
	Caltrain		Amtrak Starlight		Caltrain Weekend Shuttle	BoltBus	Apple	Taxi	
			California High Speed Rail (CAHSR)		Monterey-Salinas Transit (MST)	California Shuttle	eBay/Paypal		
					Santa Cruz METRO	Greyhound	Google	San Jose Water	
					VTA Bus	Megabus			
					VTA DASH				

1st December 2016
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Alternatives Analysis

- Develop Screening Criteria
- Develop Transportation Facility and Access Alternatives
- Evaluate Alternatives
- Refine Final Alternative(s)



Objective and Transparent Screening Criteria Examples

- Performance
 - Transit Operations
 - Implementation
- Passenger Experience
 - Pedestrian Connections
 - Passenger Amenities
 - Neighborhood Connectivity
- Urban Integration
 - Adjacent Impacts
 - Community integration
 - Traffic Impacts
 - Historic Station/District Impacts

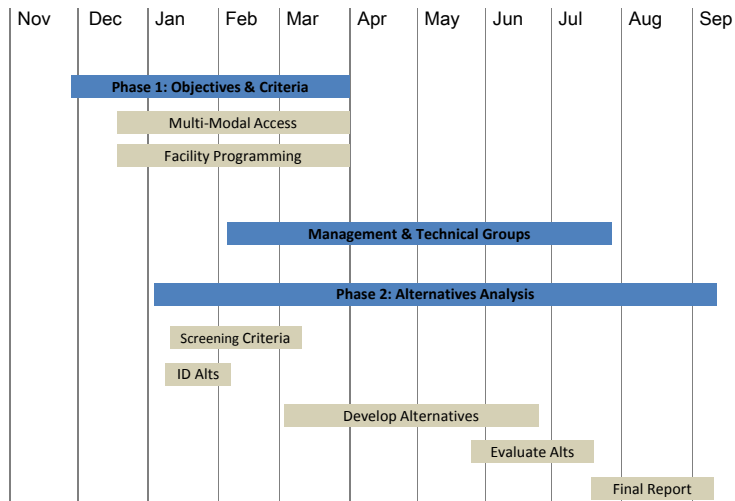


Technical Guidance

- Transit operators and City engaged on a monthly basis.
- Provided data, service plans, facility and operational needs, and technical criteria.
- Ensure that the facility design will function properly, and is integrated with current and future plans.
- Review, identify, and resolve conflicts among technical requirements.



Overview Schedule



Questions?



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Draft SEIS/SEIR Public Circulation Update

Samantha Swan, VTA



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Draft SEIS/SEIR Public Circulation Update

Summary of Public Hearings

- 1/25 Mexican Heritage Plaza - 44 attendees, 5 speakers
- 1/26 Santa Clara Senior Center - 38 attendees, 2 speakers
- 1/30 San Jose City Hall - 90 attendees, 15 speakers

Comments Received as of 2/6

- Governmental Agencies - CA Transportation Commission
- Public - 19 individuals

Comment Period Ends 2/20



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Next Steps

Eileen Goodwin, Facilitator



Next Steps

- Next CWG meeting: Thursday, April 6, 2017 ~ 4:00-6:00 PM, Santa Clara Senior Center ~ BYOB
 - Measure B/Financial Update
 - Environmental Update
 - Single-Bore Technical Study Summary
 - Twin-Bore and Single-Bore Independent Risk Assessment Update
- Action Items

