



Eastridge to BART Regional Connector Stakeholder Working Group

Next Generation Technology & Ocala Area History

November 19, 2020 6:30 p.m.



Solutions that move you

*This event is being recorded by
VTA for posting on vta.org*

Meeting Overview

- Welcome & Zoom Meeting Housekeeping
- Rollcall and SWG Members Update
- August Meeting Minutes
- Next Generation High-Capacity Transit Study
- Video
- Ocala Area History
- Project Status Updates (Includes Utility Relocation, Trees, and Traffic)
- Community Outreach (Includes Schools Matrix)
- Future Topics and Work Plan Through 2021
- Open Discussion

Zoom Webinar

- Webinar is being recorded
- Microphones on mute
- Use your real name
- One person speaks at a time
- Raise hand to speak*
- Code of Conduct - Respectful

Zoom Meeting Code of Conduct

- Treat all participants with kindness, respect and consideration
- Value a diversity of views and opinions
- Communicate openly, critiquing ideas rather than individuals
- VTA will not tolerate demeaning, discriminatory or harassing behavior and speech. VTA staff will remove participants who refuse to adhere to this code.
- **Ask for (and accept) help. Embrace the moment and try something new.**
- **Mute** your audio when you aren't speaking.
- **Raise your hand** if you'd like to speak and lower your hand after speaking.

SWG Members

- **Ernesto Barajas** – Cassel Neighborhood Association, District 5
- **Sandy Flores** – Capitol Park Goss Dobern Neighborhood Association, District 5
- **Julie Nunes** – Lyndale Neighborhood Association, District 5
- **Laura Arechiga** – Welch Park Neighborhood Association, District 8
- **Jeremy Barousse** – District 8 Roundtable, District 8
- **Craig Ferguson** – Thompson Creek Neighborhood Association, District 8
- **Andres Solomonoff** – Edgeview/Brahms Neighborhood Association, District 8
- **Jessica Molina** – Catholic Charities, First 5
- **John Petersen** – Eastridge Mall

VTA Project Staff

Community Outreach and Public Engagement

- Kathleen Podrasky – Community Outreach Supervisor
- David Lovato – Public Communications Specialist

Engineering and Program Delivery

- Ven Prasad, P.E. Project Manager
- Hassan Basma, Transportation Engineering Manager
- Ken Ronsse, Deputy Director, Rail & Facilities
- Ziad Dweiri, Project Engineer

August 27, 2020 SWG Minutes - Overview

- Welcome & Zoom Meeting Housekeeping
- Review of the Stakeholder Working Group Process
- Introductions
- Project Overview
- Community Outreach Overview
- Open Discussion
- Wrap up – Next Meeting Date

Next Generation High-Capacity Transit Study



Next Generation High-Capacity Transit Study

Questions the Study is trying to Answer

- What is current and future context for the Light Rail corridor?
- Is there a more efficient and cost-effective way of operating service?
- How does VTA compare to other Light Rail systems nationwide?
- How will a different technology impact our system?
- What is our actual timeline for implementation of a new system?

Next Generation High-Capacity Transit Study

Scope and Schedule

- Task 1 – Strategic Assessment
- Task 2 – State of the Industry
- Task 3 – Next Generation Fleet Scenarios
- Task 4 – Collaborative Review of Findings

Study estimated to be complete early 2021

Next Generation High-Capacity Transit Study



Strategic Assessment

- One of the largest systems in the country (top 3rd in terms of track miles)
- One of the most expensive systems in the country (top 3rd)
- Relatively low ridership
- Serves a much less dense geographic area than other peer agencies
- Average operating speeds above average, but still slower than driving
- Well maintained fleet and infrastructure

Next Generation High-Capacity Transit Study

How will technology help?

- Automation will reduce vehicle operating costs and more frequent service
- New technology may not improve ridership or speeds

What is our actual timeline for implementation of a new system?

- Useful life of existing fleet – 10 to 12 years left
- Decision on how to move forward will need to be made within the next few years



Next Generation High-Capacity Transit Study

Technology Review

- Focused on existing and emerging modes and technologies.
- Existing modes includes Bus, Light Rail, Automated Guideway Transit, Personal Rapid Transit, etc.
- Technologies assessed include autonomous operations and propulsion technologies
- Innovative technologies that were part of the San Jose Airport-Diridon-Stevens Creek connector were also assessed at a high level



Next Generation High-Capacity Transit Study

Technology Trends

- Many innovative technologies are proprietary, fully autonomous, and require full grade separation
- Technologies with the most promise are either rubber tired or traditional rail
- Many new technologies offer some benefits but have a lot of risks and unknowns
- Many non-standard technologies have not had a large scale implementation
- Automation is advancing quickly on all standard modes (Auto, Bus, Light Rail)



Next Generation High-Capacity Transit Study



Technology Review Findings

- No single mode stands out
- Standard modes (Light Rail and Bus) generally meet VTA's capacity and frequency needs
- Non-standard modes offer some potential benefits, but also some significant risks
- Some technologies may not be ready for near term implementation, but may be ready for future consideration
- Autonomous operations will likely come to all modes in near to medium term future

Next Generation High-Capacity Transit Study

Next Steps

- Develop up to three scenarios for how VTA could move forward
 - Scenarios will detail different ways VTA can replace, upgrade, and integrate the existing VTA Light Rail system with a different technology (Bus/PRT/shuttles/Modern Light Rail vehicles)
- Scenarios will be presented to VTA Capital Program Committee early 2021
- Study will be completed mid 2021

Questions?

Video

Ocala Area History

Ocala Area History

Improvements being built in phases

- Pedestrian and bus phase complete
- Includes sidewalk through Ocala Ave. intersection without any private property acquisition
- BRT platform built at Ocala
- Light rail currently in engineering



Existing Ocala Intersection

- 4 through lanes each direction
- 2 left turns each way from Capitol Expressway



Original Ocala Station Concept

- Light rail platform between Ocala Ave. and Cunningham Ave.
- Located in the median, center platform and at grade
- Included *single* left turn lane in each direction



Original Concept Challenges

- Included residential property acquisition
- Low ridership at Ocala; 250 boardings per day when 600 per day is minimum standard for new light rail station
- Total daily boarding for the light rail extension with the Ocala light rail station and BRT is 11,271. This increases to 11,346 without the Ocala light rail station.
- Therefore, Ocala platform deleted from project in 2014



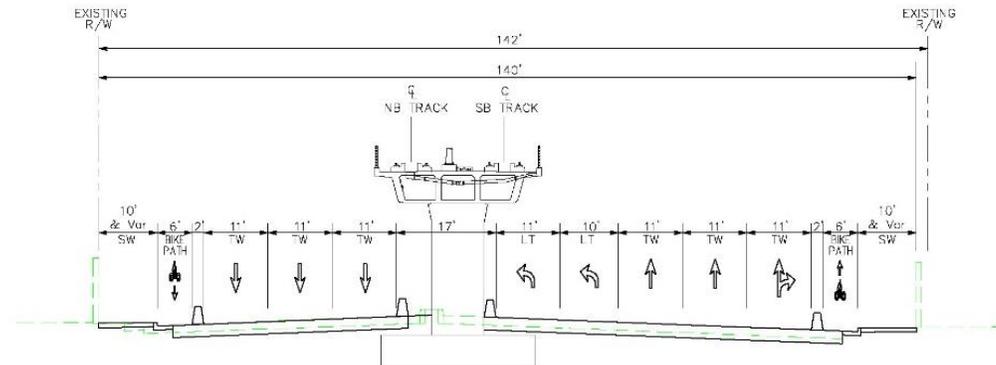
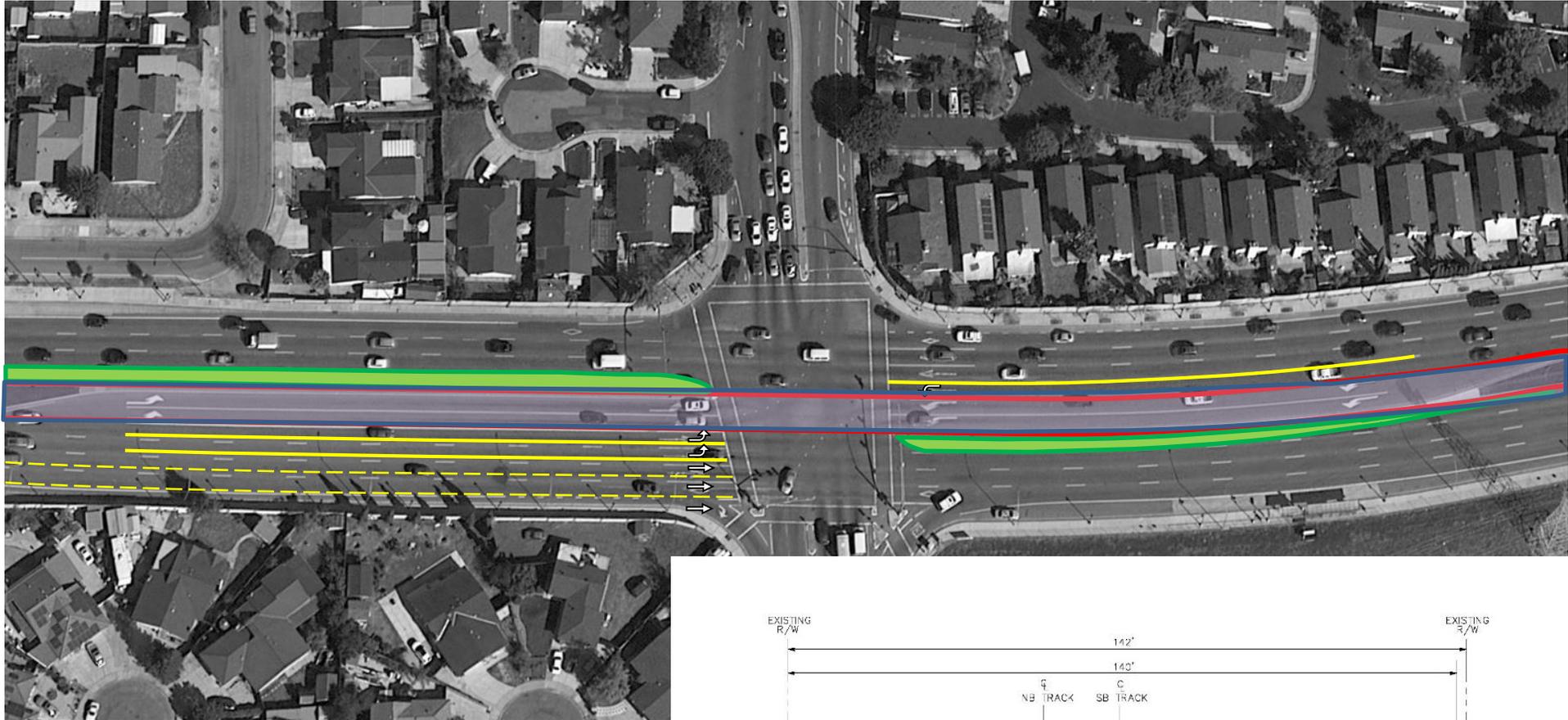
More Challenges at Ocala Intersection

- Traffic analysis update requires 2 left turns from Capitol Expressway each way
- At grade light rail with 2 left turn lanes requires property acquisition
- Concern about at grade conflict with light rail, automobiles and pedestrians



Change to Aerial Guideway

- Decision to change to aerial guideway to avoid property acquisition and light rail conflict in 2019



Environmental Approval History

1 May 2005

Original Project Approval
Final Environmental Document (FEIR)
Including Ocala Station

3 June 2010

Addendum to SEIR
• Phase Pedestrian & Bus
Improvements

5 June 2019

2nd SEIR

- Geometry change near Story Road
- Extend aerial alignment entire project, including at Ocala Avenue

2 August 2007

Supplemental EIR (SEIR)
• Eliminate Nieman Extension
• Change tunnel to aerial at Tully Road
• Changes at Story Station

4 March 2014

Initial Study/Mitigated Neg. Dec.
• Remove Ocala light rail station
• Eliminate property acquisition from
Foxdale Drive to Ocala Avenue

Impact to Add Ocala Platform Now

- To introduce aerial station at Ocala causes
 - Significant property acquisition
 - Loss of both left turns



Impact to Add Platform Now

- To introduce aerial station at Cunningham causes
 - Utility conflict with 3 high pressure PG&E gas lines or impact to protected creek



Distance From Property



Project Status Updates

- Utility Relocations
- Tree Removal and Remediation
- Advanced Minor Construction
- Traffic Discussion

Utilities Relocation

- PG&E Electric Transmission Relocation – 1st Quarter 2021
- PG&E Underground Electric & Gas – 1st Quarter 2021
- San Jose Water Line Relocation – 1st Quarter 2021
- AT&T, Verizon / MCI, Comcast, Zayo, Crown Castle - 1st Quarter 2021

PG&E Transmission Tower Relocations Ocala Avenue to Quimby Road

- Relocate 10 TSPs
- * TSP = Tubular Steel Pole



Before



After

Utility Relocation Layout

Proposed condition

- Light rail horizontal location in place of current PG&E transmission line



- Existing PG&E Line
- Proposed PG&E Line
- Proposed Light Rail Structure

Locations for Tree Removal

Existing Street Trees



Along Capitol Expressway from Ocala To North of Tully (public right of way)



Just North of Tully (private property)



Just South of Tully (private property)

Advanced Minor Construction

Anticipated construction duration: Two months

- This work is needed for widening of the road
- This work is to accommodate future relocated utility facilities
- Areas of Work – On Capitol Avenue, Intersection of Story and Capitol Expressway
- Remove seven trees
- Irrigation and minor civil work

Traffic during construction

Anticipated construction duration: up to 5 years

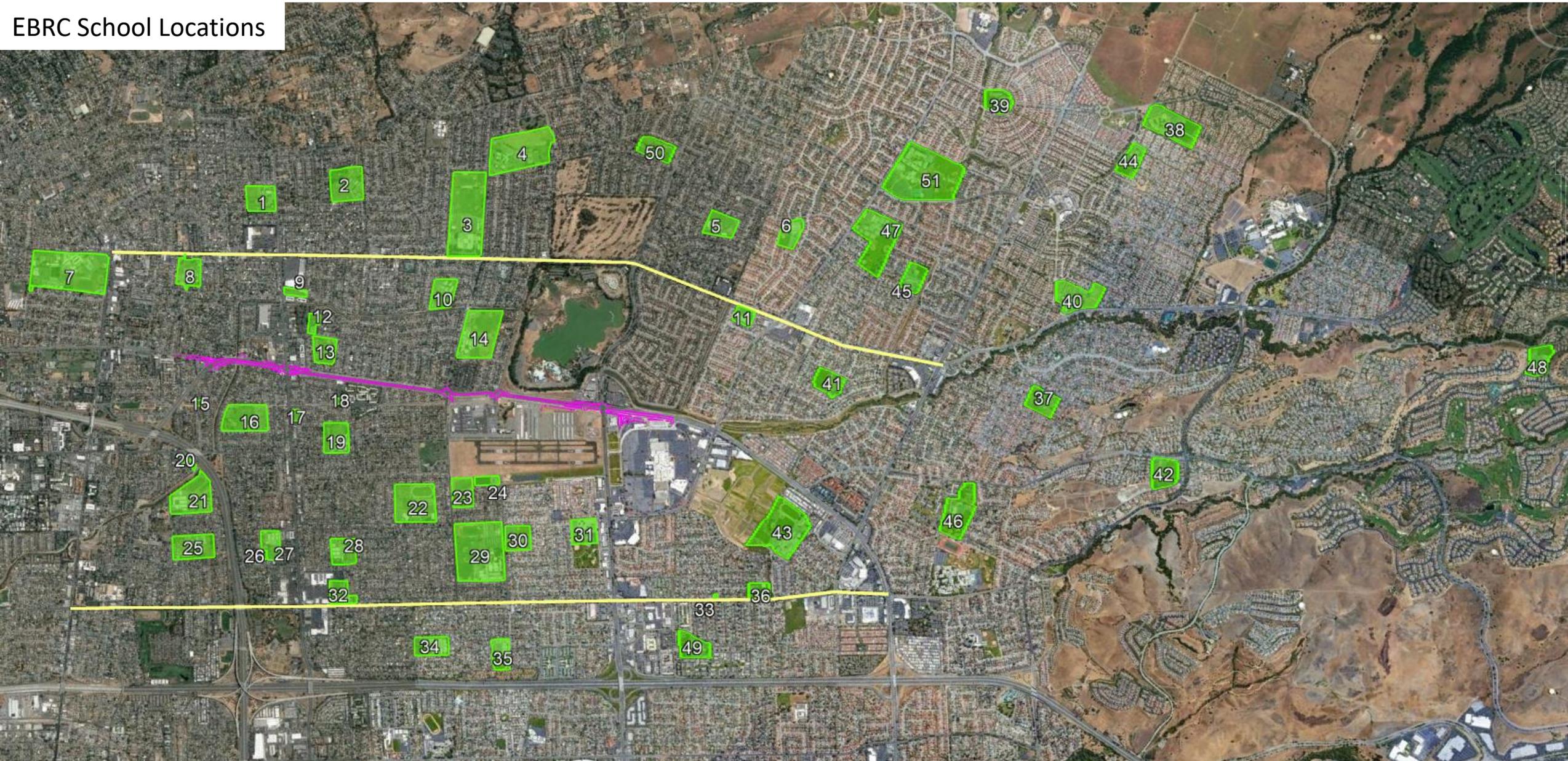
- Periodically reduce Capitol Expressway to 1 lane in one direction
- 3 travel lanes in each direction expected to stay open during peak hours of travel
- Nighttime Work
- Complete roadway closures at night possible for work at intersections and over live traffic
- Detours through City Streets

Community Outreach

- SWG Members Survey
- Schools Matrix
- Videos
- Newsletter

Schools Matrix

EBRC School Locations



No.	School Name	School District	Student Body Size	Address	Principal	Telephone	Notes
1	Santa Clara University National Hispanic						
2	Mount Pleasant ES	Mount Pleasant Elementary School District	293	14275 Candler Drive, San Jose, CA 95127	Jose Gonzalez	(408) 258-6451	Added School District 11/10/2020 (add to Juan's list)
3	Summit Rainier HS	ESUHSD	1,271	1750 South White Road San Jose, CA 95127	Teresa Marquez	(408) 937-2800	K-5
4	August Boeger MS	Mount Pleasant ESD	556	1944 Flint Avenue San Jose, CA 95148	Mia Cruz	(408) 223-3770	6-8 th grade
5	Cedar Grove ES	Evergreen ESD	590	702 Sugar Plum Drive San Jose, CA 95148	Lea Peery	(408) 270-4958	K-6
6	Norwood Creek ES	Evergreen Valley ESD	625	3241 Remington Way San Jose, CA 95148	Nanette Donohue	(408) 270-6727	K-6
7	James Lick HS	ESUHSD	1,053	57 North White Road, San Jose, CA 95127	Kelly Daugherty	(408) 347-4400	
8	Lyndale ES	Alum Rock Union ESD	334	13901 Nordyke Drive San Jose, CA 95127	Paula Alli	(408) 928-7900	K-5
9	Rocketship Brilliant Minds	Charter	586	2960 Story Road San Jose, CA 95127	Amy Filsinger	(408) 708-4664	
10	Adelante Academy II	Alum Rock ESD	172	1970 Cinderella Lane San Jose, CA 95116		(408) 928-7107	
11	East Valley Christian School	Private	NA	2715 South White Road San Jose, CA 95148	Jennifer Schmedding	(408) 270-2525	

No.	School Name	School District	Student Body Size	Address	Principal	Telephone	Notes
12	Achieve Kids School	Mental Health Services	51	1212 McGinness Avenue San Jose, CA 95127	Skye Cary	(408) 928-5777	11/10/2020 Serves kids 5-22. Located in E. San Jose and Palo Alto – not part of specific School Districted.
13	Thomas P. Ryan ES & Preschool Academy	Alum Rock ESD	305	1241 McGinness Avenue San Jose, CA 95127	Raquel Katz	(408) 928-8650	K-5
14	Ocala STEAM Academy MS & DCP Alum Rock MS	Alum Rock ESD	449	2800 Ocala Avenue San Jose, CA 95148	Tracy Leathers	(408) 928-8350	6-8 grade
15	Play and Learn Preschool	Pre-school		505 Massar Avenue, San Jose, CA 95116			11/110/2020 – Not associated with a school district.
16	Aptitude Community Academy At Goss	Alum Rock ESD	417	2475 Van Winkle Lane San Jose, CA 95116	Natasha Wexler	(408) 928-7656	K-8
17	Reach Montessori Preschool	Pre-school/Daycare		2490 Story Rd San Jose, CA 95122		(408) 272-8888	Not part of school district – not indicated on their website.
18	Foxdale Center Preschool	Kidango	36	1250 Foxdale Loop, San Jose, CA 95122		(408)262-4252	
19	Sylvia Cassell ES	Alum Rock ESD	389	1300 Tallahassee Drive San Jose, CA 95122	Sandra Sarmiento	(408) 928-7200	K-5
20	Rocketship Si Se Puede Academy	Charter	384	2249 Dobern Avenue San Jose, CA 95116	Shivesh Puri	(408) 824-5180	
21	Lee Mathson MS	Alum Rock ESD	293	2050 Kammerer Avenue San Jose, CA 95116	Oscar Leon	(408) 928-7950	6-8
22	Clyde L. Fischer MS & Renaissance Academy	Alum Rock ESD	289	1720 Hopkins Drive San Jose, CA 95122	Imee Almazan	(408)928-7500	

No.	School Name	School District	Student Body Size	Address	Principal	Telephone	Notes
23	Donal J. Meyer ES & Preschool Academy	Alum Rock ESD	369	1824 Daytona Drive San Jose, CA 95122	Anacelia Rocha	(408) 928-8200	
24	Smythe Clubhouse – Boys and Girls Club			2195 Cunningham Avenue, San Jose			
25	Cesar Chavez ES	Alum Rock ESD	344	2000 Kammerer Avenue San Jose, CA 95116	Linda Rodriguez	(408) 928-7300	
26	Kidango - Arbucle Center PS	Preschool		1910 Cinderella lane San Jose CA 95116		(408) 905-8985	
27	Adelante Dual Language Academy II	Independence	172	1970 Cinderella Lane San Jose, CA 95116		(408) 928-7107	
28	A J Dorsa ES	Alum Rock ESD	371	1290 Bal Harbor Drive San Jose, CA 95122	Devorah Duncan	(408) 928-7400	
29	Leadership Public Schools	Eastside Union High School District	438	1881 Cunningham Avenue San Jose, CA 95122	Jorge Arellano	(408) 758-1195	Updated 11/10/2020 – the school is located within Overfelt HS campus.
29	Apollo HS	Eastside Union High School District	151	1835 Cunningham Avenue San Jose, CA 95122	Vito Chiala, Yori Morillo	(408) 928-5400	Updated 11/10/2020 – this school is located within Overfelt HS campus
29	William C Overfelt HS & Adult Center	Eastside Union High School District	1,438	1835 Cunningham Avenue San Jose, CA 95122	Vito Chiala	(408) 347-5900	
30	Most Holy Trinity	Private	126	1940 Cunningham Avenue San Jose, CA 95122	Karen Francois	(408) 729-3431	11/10/2020
31	Katherine R Smith	Evergreen ESD	525	2025 Clarice Drive San Jose, CA 95122	Aaron Brengard	(408) 270-6751	11/10/2020
32	Kipp Prize Preparatory Academy	Charter	410	1250 South King Road San Jose, CA 95122	Autumn Zangrilli	(408) 251-5600	

No.	School Name	School District	Student Body Size	Address	Principal	Telephone	Notes
33	Kidango - Meadowfair Center	Preschool/Daycare		2696 S King Road San Jose, CA 95122		(408) 353-0680	
34	Kidango CDC - Hubbard	Preschool/Daycare		1680 Foley Avenue San Jose, CA 95122		(408) 258-5488	
35	Alpha: Blanca Alvarado	Charter	290	1601 Cunningham Avenue San Jose, CA 95122	Cynthia Nava	(408) 780-0831	
36	Liberty Baptist Schools			2790 S. King Rd San Jose, CA		(408) 937-2700	
37	Cadwallader ES	Evergreen		3799 Cadwallader Avenue, San Jose, CA		(408) 270-4950	
38	Chaboya MS	Evergreen		3276 Cortona Drive, San Jose, CA		(408) 270-6900	
39	Carolyn Clark ES	Evergreen		3701 Rue Mirassou, San Jose, CA		(408) 223-4560	
40	Evergreen ES	Evergreen		3010 Fowler Road, San Jose, CA		(408) 270-4966	
41	Holly Oak ES	Evergreen		2995 Rossmore Way, San Jose, CA		(408) 270-4975	
42	James F. Smith ES	Evergreen		2220 Woodbury Lane, San Jose, CA		(408) 532-2165	
43	Leyva MS	Evergreen		1865 Monrovia Drive, San Jose, CA		(408) 270-4993	
44	Matsumoto ES	Evergreen		4121 Mackin Woods Lane, San Jose, CA			
45	Millbrook ES	Evergreen		3200 Millbrook Drive, San Jose, CA		(408) 270-6767	

No.	School Name	School District	Student Body Size	Address	Principal	Telephone	Notes
46	Montgomery ES	Evergreen		2010 Daniel Maloney Dr San Jose, CA		(408) 270-6718	
47	Quimby Oak MS	Evergreen		3190 Quimby Road, San Jose, CA		(408) 270-6735	
48	Silver Oak ES	Evergreen		5000 Farnsworth Dr San Jose, CA		(408) 223-4515	
49	O.B. Whaley	Mt Pleasant		2655 Alvin Ave San Jose, CA		(408) 223-3750	
50	Valle Vista ES	Mt Pleasant		2400 Flint Ave., San Jose, CA		(408) 238-3525	
51	Evergreen Valley HS	Evergreen		3300 Quimby Rd., San Jose, CA 95148		Tel:(408) 347-7000	

Future Topics and Work Plan Through 2021

2020-2021 Work Plan

Topic	August 27, 2020	November 19, 2020	February 25, 2021	May 27, 2021	August 26, 2021*	November 18, 2021
SWG Member Update		X	X	X	X	X
Status Updates (Real Estate, Utilities Planning/Engineering/Schedule)	X	X	X	X	X	X
Construction Schedule		X	X	X	X	X
Ocala Station History		X				
Next Generation/New Technology Presentation		X				
Art Enhancement				X		
Future Use of Reid-Hillview Airport				X		
Community Outreach	X	X	X	X	X	X
Schools Matrix		X	X			
Business Matrix			X	X		
Noise & Vibration			X	X	X	X
Traffic - Explanation & Mitigation		X	X	X	X	X
Tree Removal & Mitigation		X	X	X	X	X

Open Discussion

Wrap Up

Upcoming Meetings for 2020

- EBRC-PAB: December 16, 2020, 4:00 p.m.

Stakeholder Working Group 2021 Dates

- February 25, 2021, 6:30 p.m.
- May 27, 2021, 6:30 p.m.
- **August 26, 2021**, 6:30 p.m.
- November 18, 2021 p.m.

Information Posted www.vta.org/eastridgetobart

- Recording of webinar will be available VTA's YouTube channel and linked on the project page .

VTA Community Outreach

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