

# VTA's BART Silicon Valley Phase II Extension Project

Santa Clara  
Community Working Group Meeting

July 25<sup>th</sup>, 2024



# Agenda

- Welcome & Introduction
- Phase II Update
- VTA Board Referral
- Community Working Group Poll Recap
- Early Construction Activities
- CWG Member Report Out
- Next Steps

# Santa Clara CWG Members



- Alden Smith, Holland Partner Group
- **Ana Vargas-Smith**, *Reclaiming Our Downtown*
- Bella Burleigh, *SCU Service & Social Justice (SCCAP)*
- Jack Morash, *South Bay Historic Railroad Society*
- John Urban, *Newhall Neighborhood Association*
- Jonathon Evans, *Old Quad Residents Association*
- Ron Miller, *Bellarmino College Preparatory*
- Ryan Morfin, *San José Earthquakes*
- Sean Collins, *Santa Clara University*
- Todd Trekell, *Hunter Partners*
- *Vacant*, *Silicon Valley Central Chamber of Commerce*

# Upcoming Meetings



- Upcoming CWG Dates
  - Santa Clara CWG Meeting: September 12, 2024
- VTA Board of Directors [vta.org/about/board-and-committees](https://vta.org/about/board-and-committees)
  - Board of Directors' Meeting: August 1, 2024, 5:30 PM
  - VTA's BSVII Oversight Committee: August 8, 2024, 12:30 PM
  - VTA Board of Directors' Meeting: September 5, 2024, 5:30 PM
- Kristen will email alerts for other meetings





# Phase II Update

Bernice Alaniz, VTA

# Milpitas Station Infrastructure Facilities Tour



- Milpitas Station Infrastructure Facilities Tour On **Wednesday, May 8, 2024**
  - CSJ, BART, Caltrain, & VTA's BSVII Project team in attendance
- Referenced required station infrastructure facilities
- Gained understanding of space required based on their function
- Observed placement within the station entrance building and additional buildings on the station site.
- Clarification with BART staff about the different facility needs



# VTA'S BSVII Groundbreaking Event



- VTA held a historic groundbreaking ceremony to mark the start of construction of its West Portal facility on **Friday, June 14th**
- The milestone event was held at the future Santa Clara Station and Newhall Yard & Maintenance Facility
- ~240 guests attended the event
  - state & local elected officials
  - community leaders
  - project stakeholders
  - union representatives from Laborers Local 270.



# Recent Engagement Efforts



- Berryessa Press Conference held on **Tuesday, June 25th**
- Diridon Press Conference held on **Tuesday, July 9th**
- Various speakers urged the FTA & U.S. Secretary of Transportation Pete Buttigieg to award \$6.296 billion in federal funding for VTA's BSVII Project
  - Supervisor Cindy Chavez
  - San Jose Mayor Matt Mahan
  - CEO of SVLG Ahmad Thomas
  - Labor Leaders Jean Cohen & David Bini
  - San Jose Councilman Omar Torres
  - Local area community leader Kathy Sutherland





# VTA Board Referral



# Board Referral: Updates to Station Design



## **VTA Board direction provided at the May 2<sup>nd</sup> Board Meeting**

- Provide written report on the stakeholder requests/concerns related to the 28th Street Little Portugal, Downtown San José, and Diridon Stations
- Perform design updates for
  - Above ground facilities at 28th Street Little Portugal Station
  - Added southern entrance at Downtown San José Station
  - Above ground facilities at Diridon Station
- Provide monthly station design updates to VTA's BART Silicon Valley Phase II Oversight Committee.
- **Community Working Group (CWG) meeting process.**
  - Discuss in-person meetings, dedicated staff/consultant support, and review of project documents prior to their presentation to the VTA Board of Directors

*Full Items of Referral can be found listed in the Board Agenda Packet, pg 263-265*

# Board Referral: Approach



- Boards and Committees Updates
  - Monthly updates to BSVII Oversight Committee
  - 9/5 VTA BOD with staff recommendations
- Station Options Evaluation (May – August)
  - Considers community/stakeholder/agency feedback.
  - Technical evaluation of potential financial cost impacts, schedule impacts, passenger experience, ROW assessment, environmental assessment and effect on utilities.
  - In process of completing to be able to provide staff recommendations by 9/5 Board Meeting.
- Engagement and Station Design Coordination
  - Key Stakeholders
  - CWG
  - Design Review Committee
  - Task Force (Diridon specific)
- Downtown San José South Entrance Task Force

# Community Working Group Update

Kristen Mei, VTA



# CWG Engagement



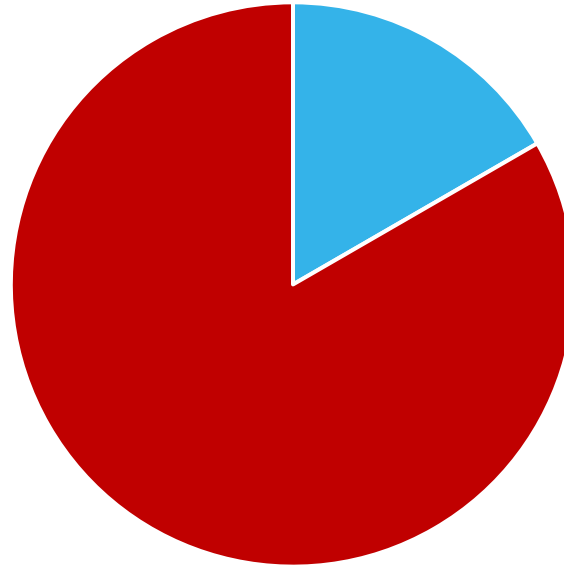
May 2024 CWG Poll Summary			
Poll Question	Downtown-Diridon CWG (15 participants)	28th Street/Little Portugal CWG (12 participants)	Santa Clara CWG (9 participants)
Would you like to resume in-person CWG meetings?	55% said yes.	100% said yes.	17% said yes.
If you would like in-person CWG meetings, how often would you like to attend?	33% preferred an option between in-person and virtual.	Split between: in-person/virtual, in-person only, and in-person for every other.	55% preferred an option between in-person and virtual.
This is my preference on the CWG meeting format:	82% like the current meeting format with staff facilitation.	63% would prefer a shift in meeting format towards external facilitation.	100% like the current meeting format with staff facilitation.
Would you be interested in a pre-meeting networking time with CWG members, Project staff, and invited presenters?	55% said yes.	100% said yes.	33% said yes.
Would you like to review Project documents prior to the presentation at the Board of Directors meeting?	100% said yes.	100% said yes.	100% said yes.



# Community Working Group Meeting Poll



Would you like to resume in-person CWG meetings? (Santa Clara)

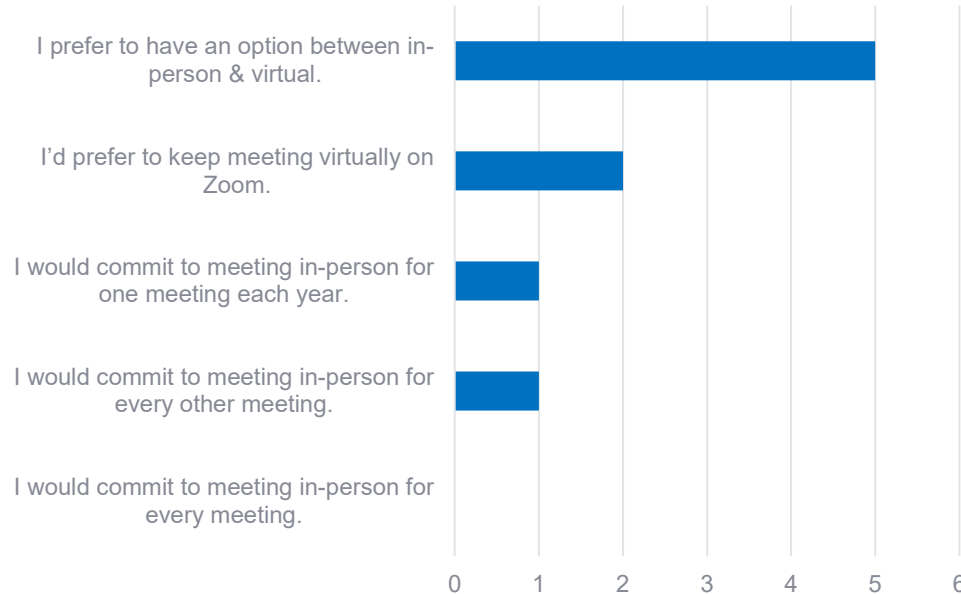


■ Yes ■ No

# Community Working Group Meeting Poll



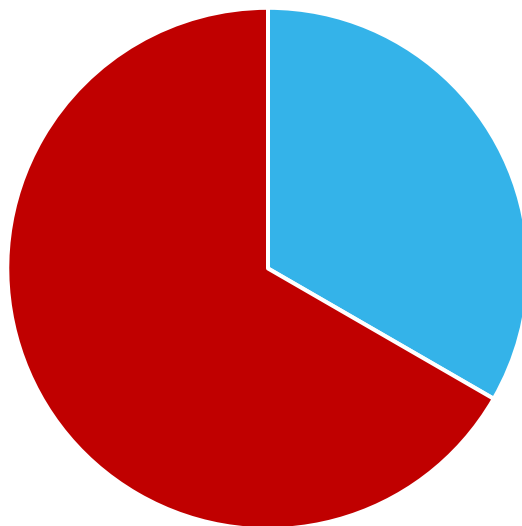
If you would like in-person CWG meetings, how often would you like to attend? (Santa Clara)



# Community Working Group Meeting Poll



Would you be interested in a pre-meeting networking time with CWG members, Project staff, and invited presenters? (Santa Clara)

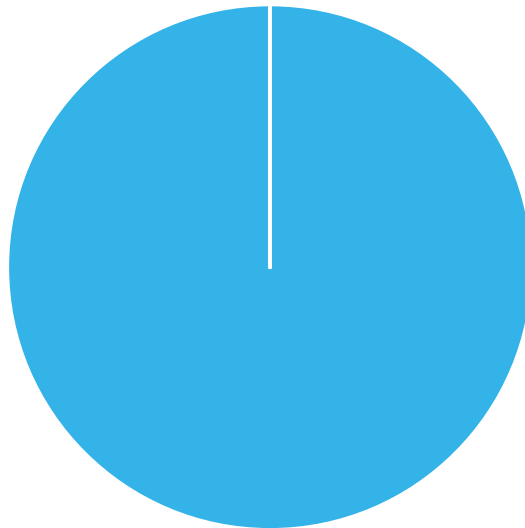


■ Yes ■ No

# Community Working Group Meeting Poll



This is my preference on the CWG meeting format (Santa Clara)

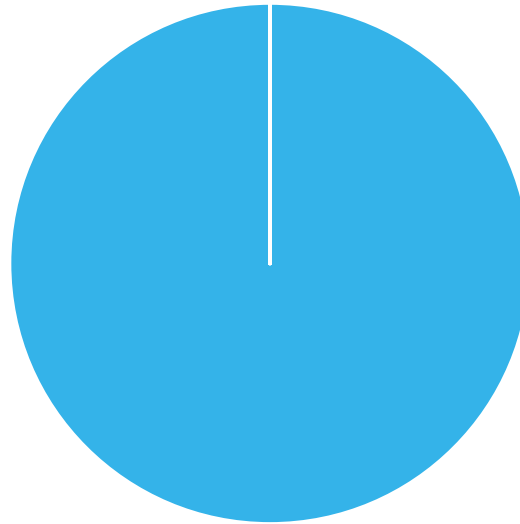


- I would prefer a shift in meeting format towards external facilitation.
- I like the current meeting format with staff facilitation.

# Community Working Group Meeting Poll



Would you like to review Project documents prior to the presentation at the Board of Directors meeting?  
(Santa Clara)



■ Yes ■ No

# Community Working Group Meeting Poll



Any other feedback to provide on the CWG meetings?

- I have been involved since 2018 and your team does a phenomenal job of communication to the community in person at events and by zoom. Keep up the good work .
- No! As I will not be in this leadership position for next academic year, I will be turning over the representative position to Bella Burleigh, who is the Director of SCCAP for next year. Her email is [iburleigh@scu.edu](mailto:iburleigh@scu.edu)

# CWG Next Steps



- Offer **hybrid meeting** options
- Identify and procure an **external facilitator position for 28th Street/Little Portugal CWG** meeting
- Provide CWG members with **Project information in advance** of the VTA BOD to solicit CWG feedback
- Continue to **facilitate quarterly CWG meetings** with additional CWG meetings as needed
- Following each quarterly CWG meeting, the BSVII Project team will **update the VTA BOD with a verbal report** summarizing the updates presented to CWG members
- **CWG materials will be shared with the VTA BSVII Oversight Committee** via the Board Office prior to all CWG meetings





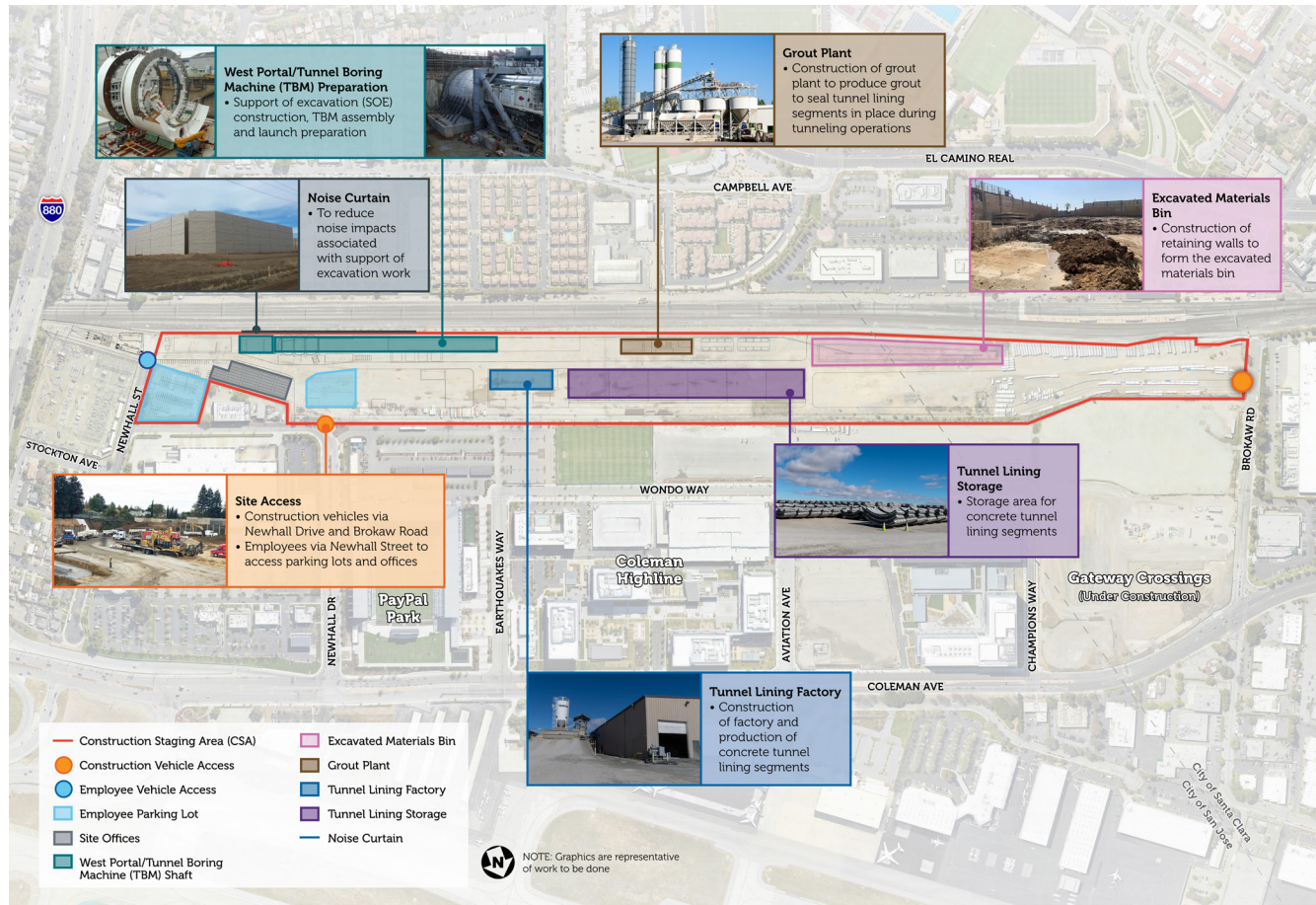
# Open Discussion



# Early Construction Activities

Luis Pais, KST

# Overview of What to Expect



# West Portal Enabling Work



## Summary Schedule

NO	Construction Activity	2024				2025				2026				2027			
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
Stage 1 & 2	Site Grading & Development																
Stage 3	Precast Plant and TBM Segment Storage Area																
Stage 4	TBM Shaft and Muck Bin Excavation																
Add info	Tunnel Boring Machine (TBM) Assembly																
Future CTMP	Start Mining																

## Time of Construction

Early Work Activities	Single Shift	Double Shift	Work Hours	Haul Hours
<b>Stage 1 – Site Grading (Beginning Summer 2023, 6 Months)</b>				
Site grading	X		6AM – 6PM	6AM – 4PM
<b>Stage 2 – Site Development (Beginning Summer 2023, 9 Months)</b>				
Construction of site roads	X		6AM – 6PM	6AM – 4PM
Installation of site offices	X		6AM – 6PM	6AM – 4PM
<b>Stage 3 – Precast Plant and TBM Segment Storage Area (Beginning Summer 2023, 13 Months)</b>				
Construction of precast plant	X		6AM – 6PM	6AM – 4PM
<b>Stage 4 – TBM Shaft and Muck Bin Excavation (Beginning Fall 2023, 17 Months)</b>				
Muck bin excavation	X		6AM – 6PM	6AM – 4PM
Support of excavation – slurry walls		X	6AM – 4AM	6AM – 4AM
TBM shaft and ramp excavation		X	6AM – 4AM	6AM – 4AM
TBM shaft concrete pour		X	6AM – 4AM	6AM – 4AM
TBM supporting facilities	X		6AM – 6PM	6AM – 4PM
TBM assembly		X	6AM – 4AM	6AM – 4PM
Start production of the precast plant		X	6AM – 11PM	6AM – 4PM
Construction of interior concrete build-out area and equipment foundations	X		6AM – 6PM	6AM – 4PM
Construction of grout plant	X		6AM – 6PM	6AM – 4PM

# Average and Peak Truck Volumes



The anticipated remaining import material is 70-120 truck trips per day for approximately 3 months.

Total anticipated remaining trucks is approximately 80-160 truck trips per day for approximately 3 months.

Date	Average Daily Truck Volume (Trucks/Day)					Peak Truck Volume (Typical 5 days/month) (Trucks/Day)				
	Stage 1	Stage 2	Stage 3	Stage 4	Total	Stage 1	Stage 2	Stage 3	Stage 4	Total
Month 1	73	8	1	0	82	200	20	40	0	260
Month 2	73	8	1	0	82	200	20	40	0	260
Month 3	73	8	37	21	139	200	20	80	40	340
Month 4	73	0	37	21	131	200	0	100	40	340
Month 5	73	2	37	21	133	200	10	90	40	340
Month 6	73	2	37	0	112	200	10	130	0	340
Month 7	0	2	27	0	29	0	50	170	0	220
Month 8	0	2	27	79	108	0	50	170	120	340
Month 9	0	2	27	82	111	0	10	100	230	340
Month 10	0	0	27	113	140	0	0	100	240	340
Month 11	0	0	27	113	140	0	0	100	240	340
Month 12	0	0	27	113	140	0	0	100	240	340
Month 13	0	0	27	113	140	0	0	100	240	340
Month 14	0	0	0	32	32	0	0	0	60	60
Month 15	0	0	0	32	32	0	0	0	65	65
Month 16	0	0	0	32	32	0	0	0	65	65
Month 17	0	0	0	32	32	0	0	0	65	65
Month 18	0	0	0	32	32	0	0	0	65	65
Month 19	0	0	0	32	32	0	0	0	65	65

# West Portal Enabling Work



## Stage 1 & 2 Construction :

- Grading
- Instrumentation and Monitoring
- Tree Removal
- Fencing
- Courtesy Screen
- Demo or replace the existing utility lines
- Installing new utility lines ( Water, Sewer, Storm Drain, Industrial water , Air and Gas)
- Potholing for Utility and fence posts
- Soil sampling and air monitoring

Stage 1 & 2	June 24	July 24	August 24	September 24	October 24	November 24
Grading						
Utility						
Courtesy Screen (Adjacent to Practice Field)						
Fence Installation						
Tree Removal Northside Along the Fence						



- Excavate material
- Mixing excavated material to create structural backfill
- Lay roll aggregate base
- Importing and placing structural fill



## Scarify and recompact



## Scrapers Operation





## Leveling Operation



# Grading



## Performing compaction testing





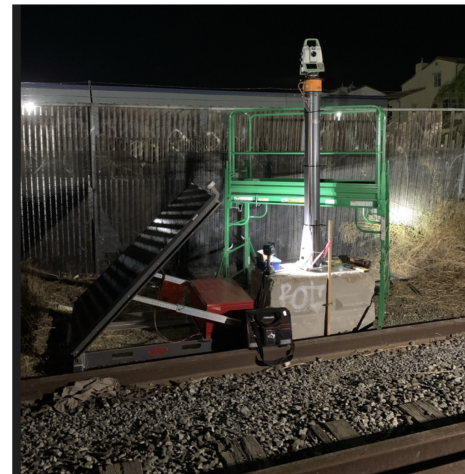
# Instrumentation and Monitoring



- Furnish and install total stations
- Installing surface monitoring point and rail prisms



Rail clip prisms are used for monitoring settlement and lateral displacement of tracks.

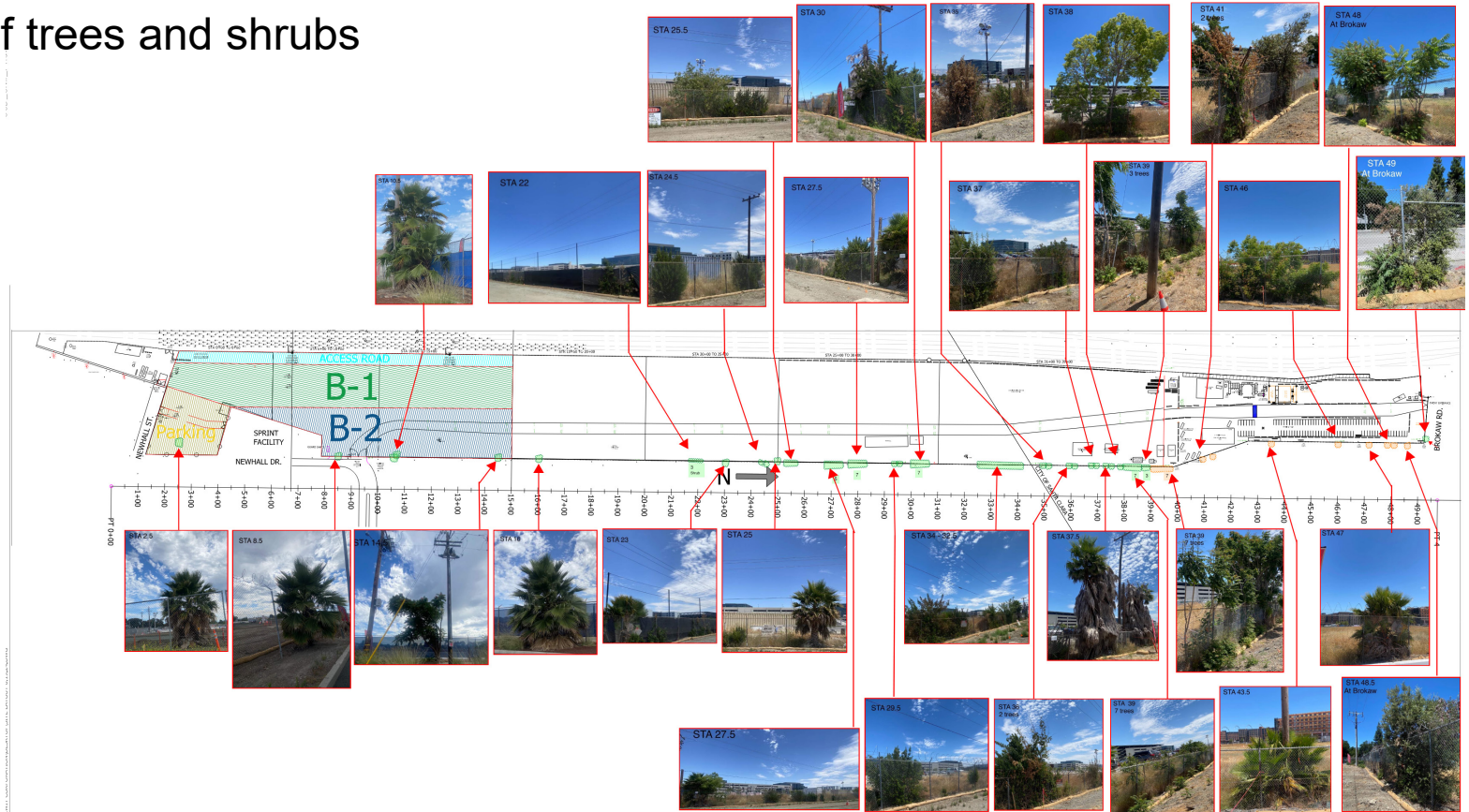


Total Station monitor and record the movement of the prisms in real time.

# Tree Removal



- Removal of trees and shrubs



CURRENT as of 07/25/24 – FOR DISCUSSION ONLY



# Fencing



- Demo existing fences
- New fence installation ( Anticipated completion is mid-October )



# Fencing





# West Portal Construction Screening



CURRENT as of 07/25/24 – FOR DISCUSSION ONLY



# Courtesy Screen



Courtesy Screen Sample Pictures

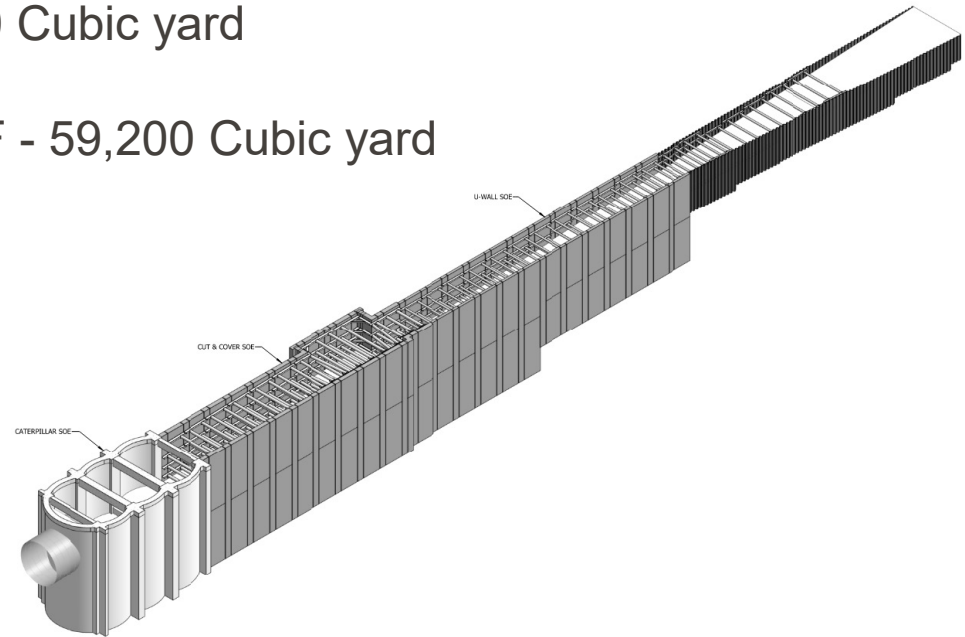
# Tunnel Boring Machine (TBM) Launch Structure (2025)

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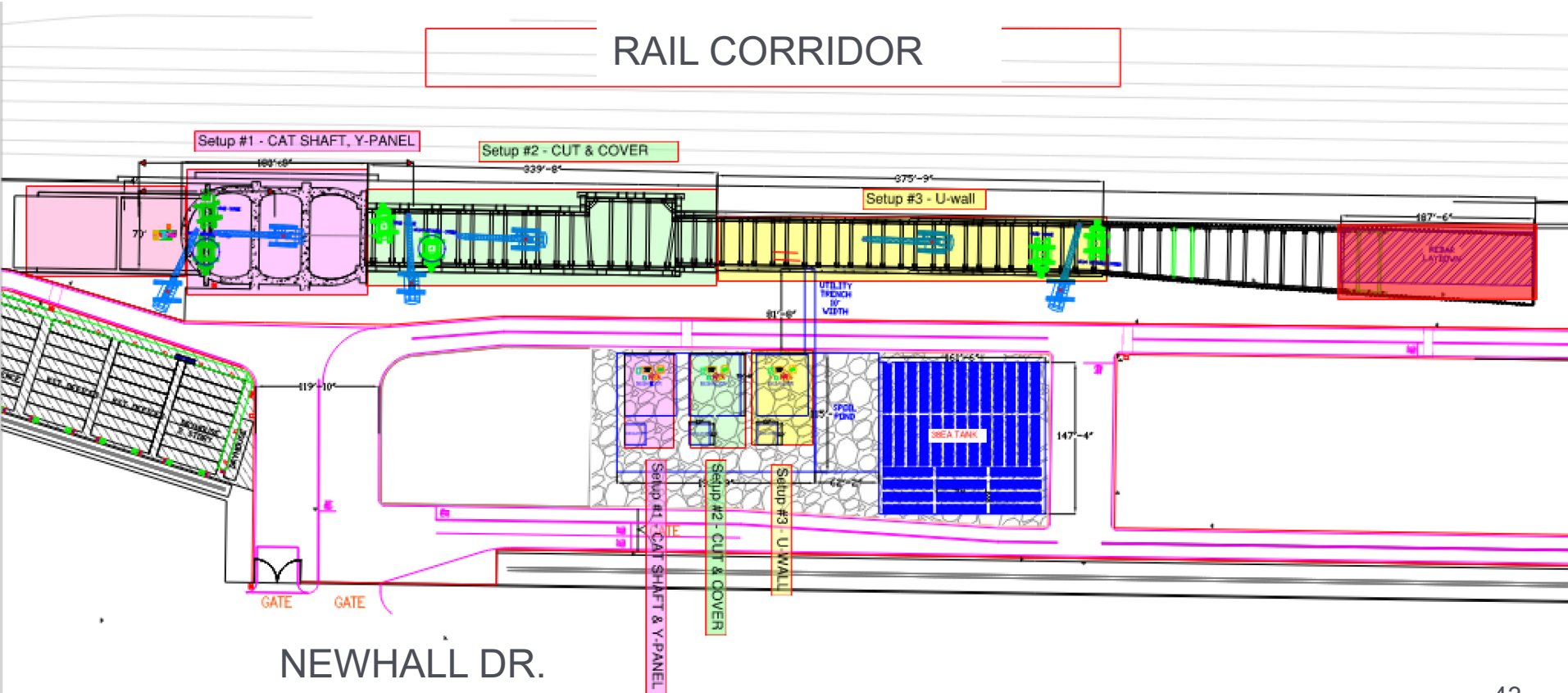


## Shaft and Ramp Overview:

- Ground Improvement: approx. 22,200 Cubic yard
- Overall Length: 1,313 Linear feet
- SOE Wall Total Concrete :446,500 SF - 59,200 Cubic yard
- Depressurization Wells: 10 Each
- Dewatering Wells: 20 Each



# TBM Launch Structure - Overview



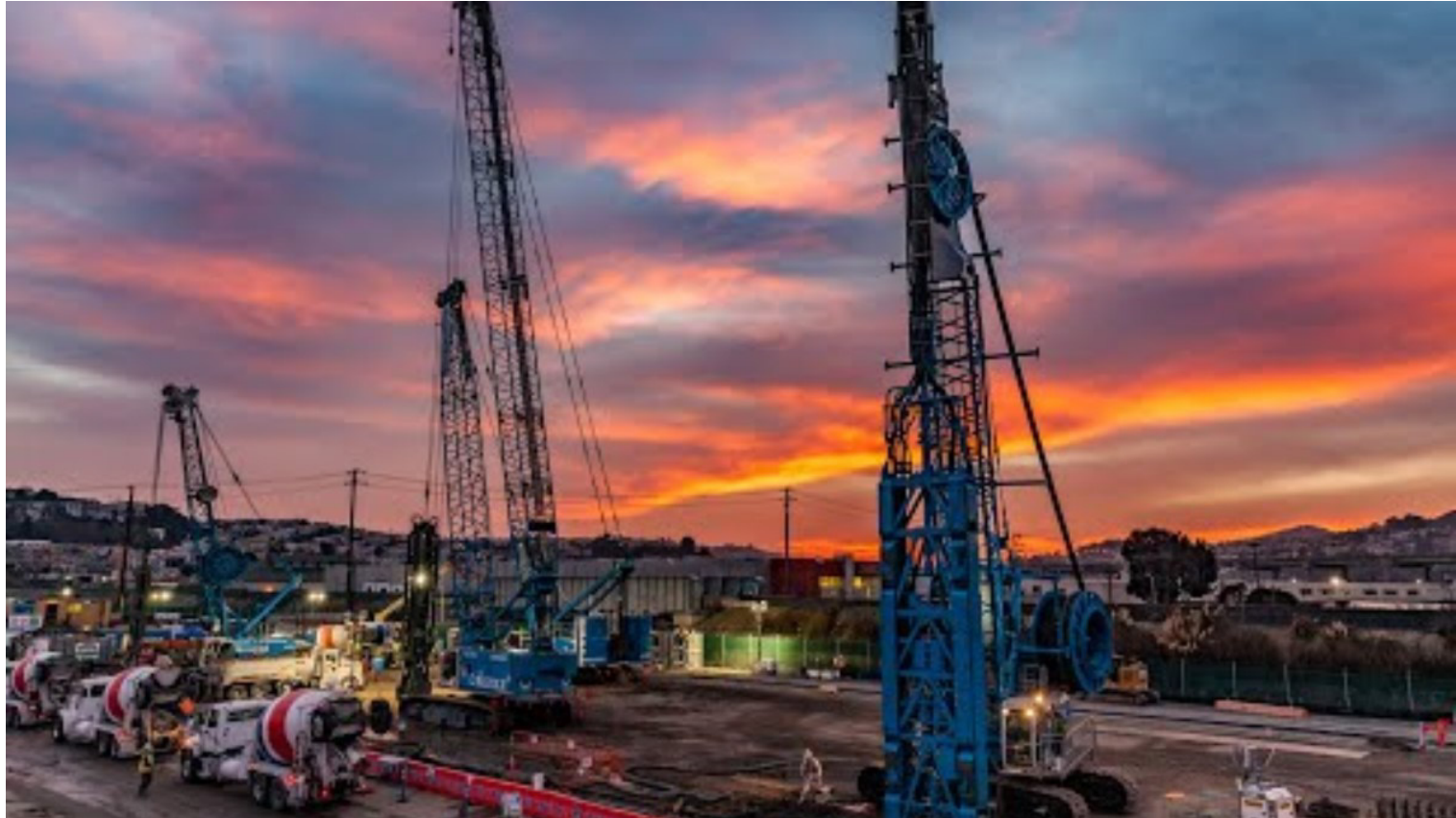
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# TBM Launch Structure



CURRENT as of 07/25/24 – FOR DISCUSSION ONLY

# TBM Launch Structure





# TBM Launch Structure



CURRENT as of 07/25/24 – FOR DISCUSSION ONLY



# Rebar Cage Hoisting & Installation

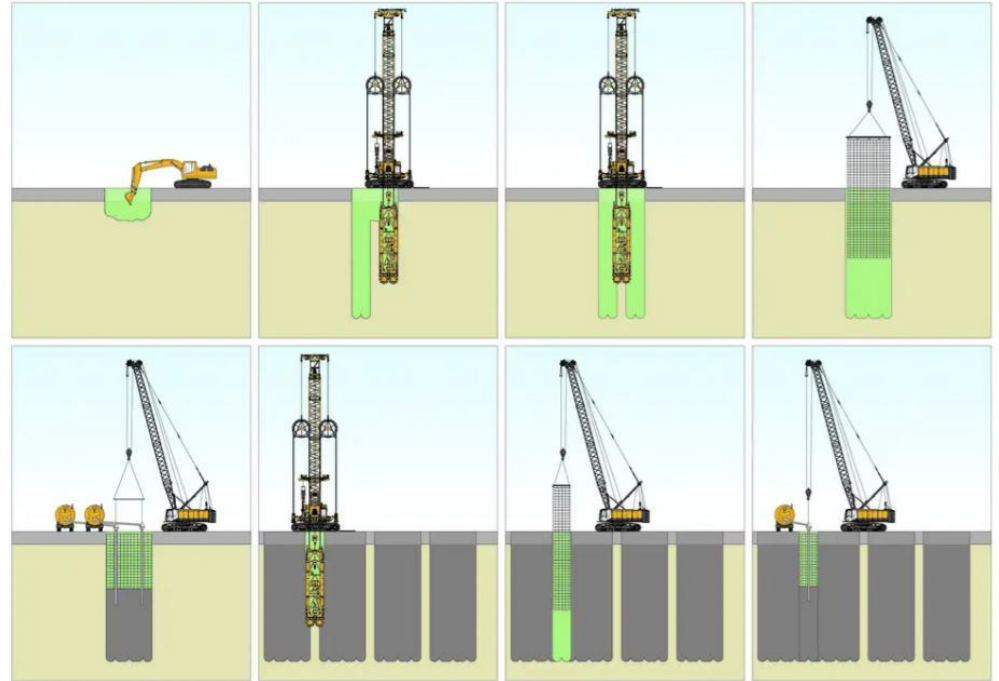


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# Slurry wall: SOE Construction Hydro Mill (Hydrofraise) Rig



Diaphragm wall with cutter





# CWG Member Report Out

# Report Back – Santa Clara



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How have you been sharing information and updates on BSVII with your community?

What have you heard from your communities?

# Next Steps

- Next CWG meeting:  
**September 12, 2024**
  - Phase II Update
  - Early Construction Activities Update
  - Community Engagement
  - Station Area Planning & Adjacent Developments

# Upcoming Community Meeting



## **VTA's 28th Street/Little Portugal BART Station Hybrid Community Meeting**

Wednesday, August 7<sup>th</sup>, 2024

Event Starts at 6:00 PM and Presentation Begins at 6:30 PM

### **Roosevelt Community Center**

Multi-purpose Room

901 E. Santa Clara St.

San Jose, CA 95116

*Light refreshments and activities for children will be provided.*

**Scan to RSVP**

