



VTA's BART Silicon Valley Phase II Extension Project

City of San José
Transportation & Environment Committee
Item d.3: Regional Transportation Activities

June 6, 2022

Presenter:

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Director of External Affairs

VTA's BART Silicon Valley

VTA's BART Silicon Valley Phase II



6-Mile Extension of BART Service



4 New BART Stations



Single-Bore Tunnel



2 Mid-Tunnel Facilities















Storage Yard & Maintenance Facility

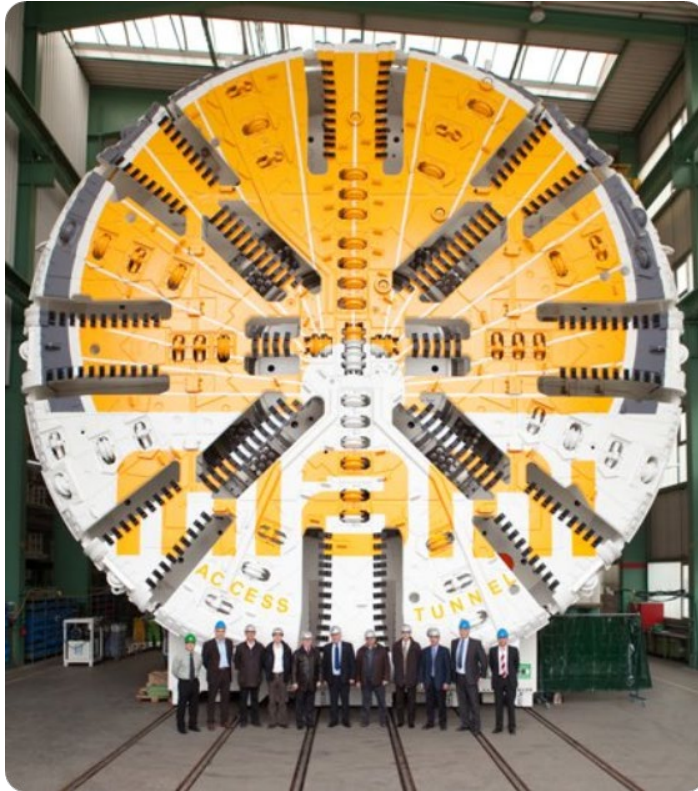
BSV Phase II Timeline



Contract Packages (CPs)



CP1 	CP2 	CP3 	CP4 
Systems	Tunnel & Trackwork	Newhall Yard & Santa Clara Station	Underground Stations
 Delivery Method Design-Build (DB)	 Delivery Method Progressive Design-Build (PDB)	 Delivery Method Design-Build (DB)	 Delivery Method Design-Build (DB)
 General Scope* <ul style="list-style-type: none">• Traction power• Train control• Communications• Emergency ventilation systems• Heating, Ventilation, and Air Conditioning• Plumbing• Drainage• Lighting• Power• Fire Protection	 General Scope* <ul style="list-style-type: none">• Tunnel & trackwork• Mid-tunnel facilities• 28th Street/Little Portugal support of excavation• Utility relocations (as required)• Stations Support of Excavation & Connecting Adits	 General Scope* <ul style="list-style-type: none">• Yard & Maintenance Facility• Line & track• Santa Clara Station• 500 space parking garage• Utility relocations (as required)	 General Scope* <ul style="list-style-type: none">• 28th Street/Little Portugal, Downtown and Diridon stations• 1,200 spaces parking (28th Street/Little Portugal Station)• Utility relocations (as required)



Systems - Contract Package 1 (CP1)

- Final Draft RFP issued April 2022
- Next round of interviews in early Summer
- **Final RFP to be issued in Summer 2022**

Tunnel & Trackwork (CP2)

- Final RFP issued in September 2021
- **Board approval in Q2 2022 for Stage 1 services (review of innovations, design, and construction planning)**

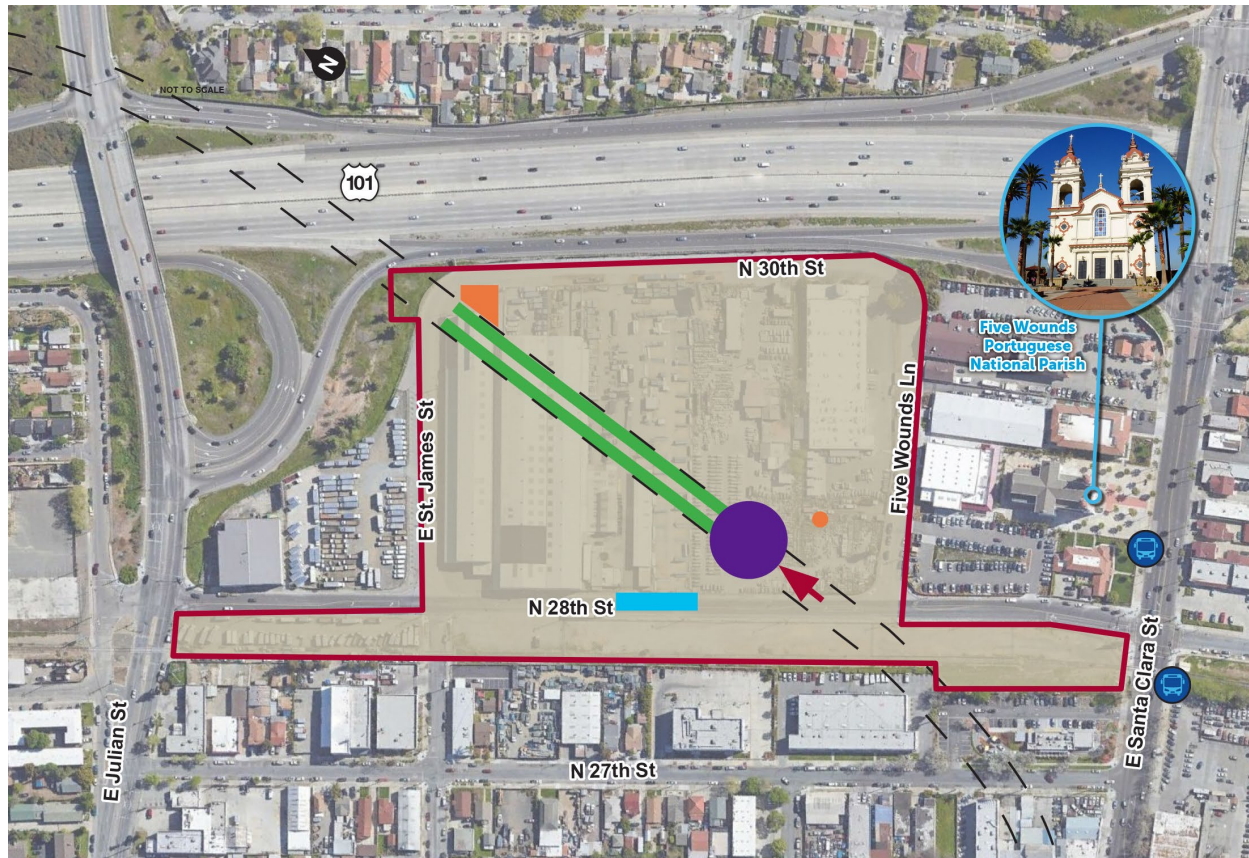
Newhall Yard/Santa Clara Station (CP3)

- Draft RFP issued in March 2022
- First round of one-on-one interviews completed
- **Final RFP anticipated to be issued in Summer 2022**

Stations in San Jose (CP4)

- Current solicitation cancelled; new solicitation under development **targeting Q2 2024 award**
- RFP anticipated release in Summer/Fall 2023
- Development of technical documents continue in support of other Contract Packages
- Design coordination with third parties ongoing

28th Street/Little Portugal Station Area



LEGEND

- Station Entrance Building
- Station Platform (Underground)
- At-Grade Vent/Egress Facilities
- Station Access Facilities, Parking, and Future Potential Transit-Oriented Development
- Construction & Staging Areas
- Station Entrance & Exit
- New Bus Loading Area
- Planned BRT Stop
- Tunnel

NOTE:

- This is a planning document subject to change.

28th Street/Little Portugal Station



Preliminary concept – Subject to change

DRAFT as of May 2022 – FOR DISCUSSION ONLY

28th Street/Little Portugal Station



Preliminary concept – Subject to change

DRAFT as of May 2022 – FOR DISCUSSION ONLY

Downtown San José Station Area

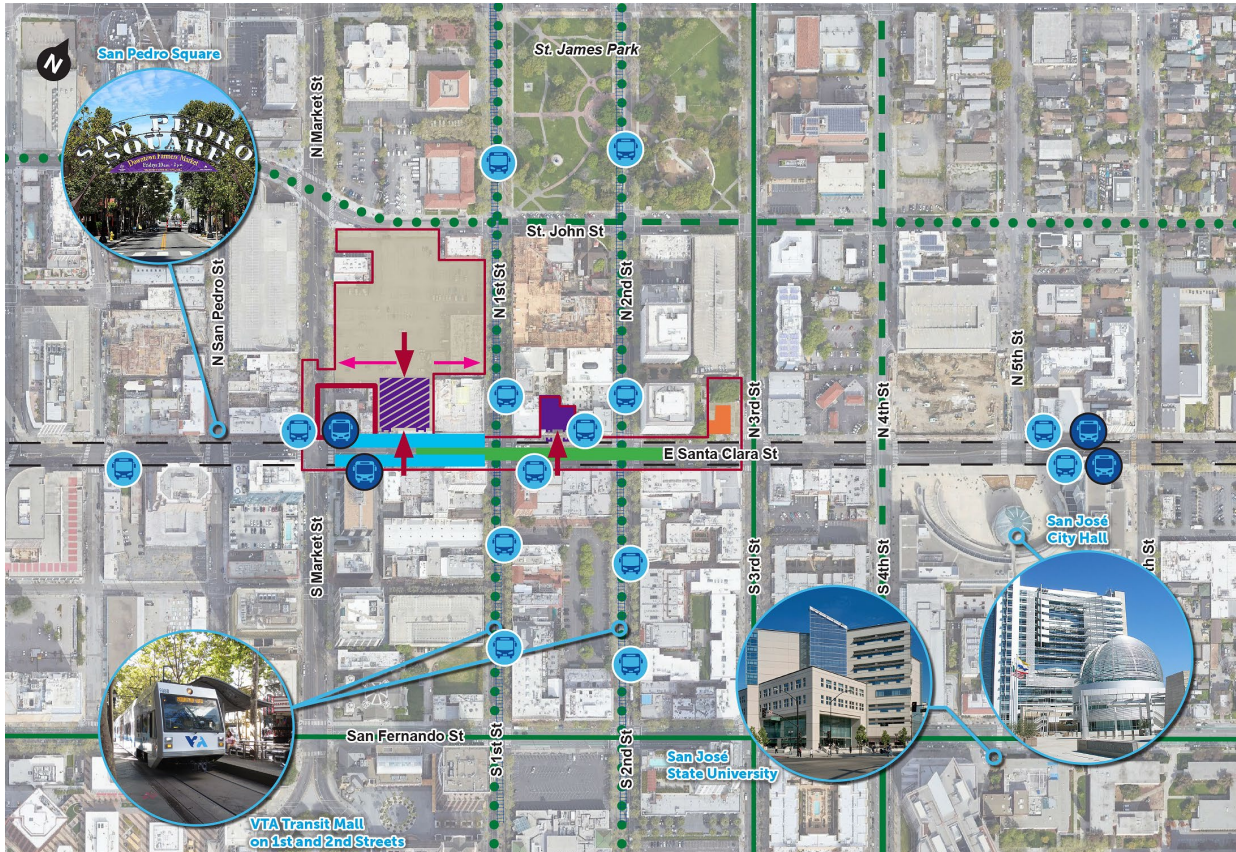


LEGEND

- Station Entrance Building
- Station Platform (Underground)
- At-Grade Vent/Egress Facilities
- Station Access Facilities and Future Potential Transit-Oriented Development
- Station Entrance Building with Future Potential Transit-Oriented Development
- Construction & Staging Areas
- Station Entrance & Exit
- New Bus Loading Area
- Bus Stop
- Planned BRT Stop
- Tunnel
- Adits
- Paseo
- Class 2 Bike lane
- Class 3 Bike Lane
- Class 4 bike lane

NOTE:

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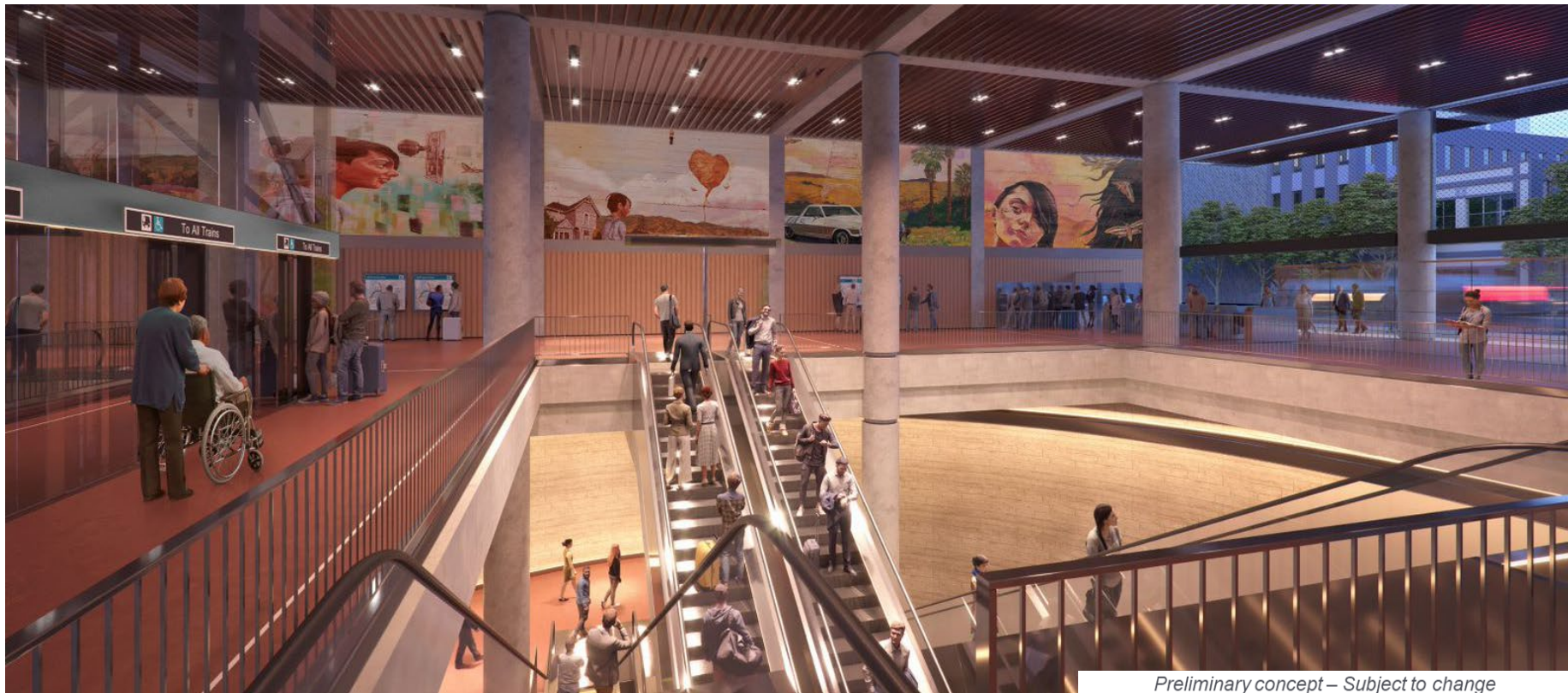
Downtown San José Station Primary Entrance



Preliminary concept – Subject to change

DRAFT as of May 2022 – FOR DISCUSSION ONLY

Downtown – Primary Entrance Building



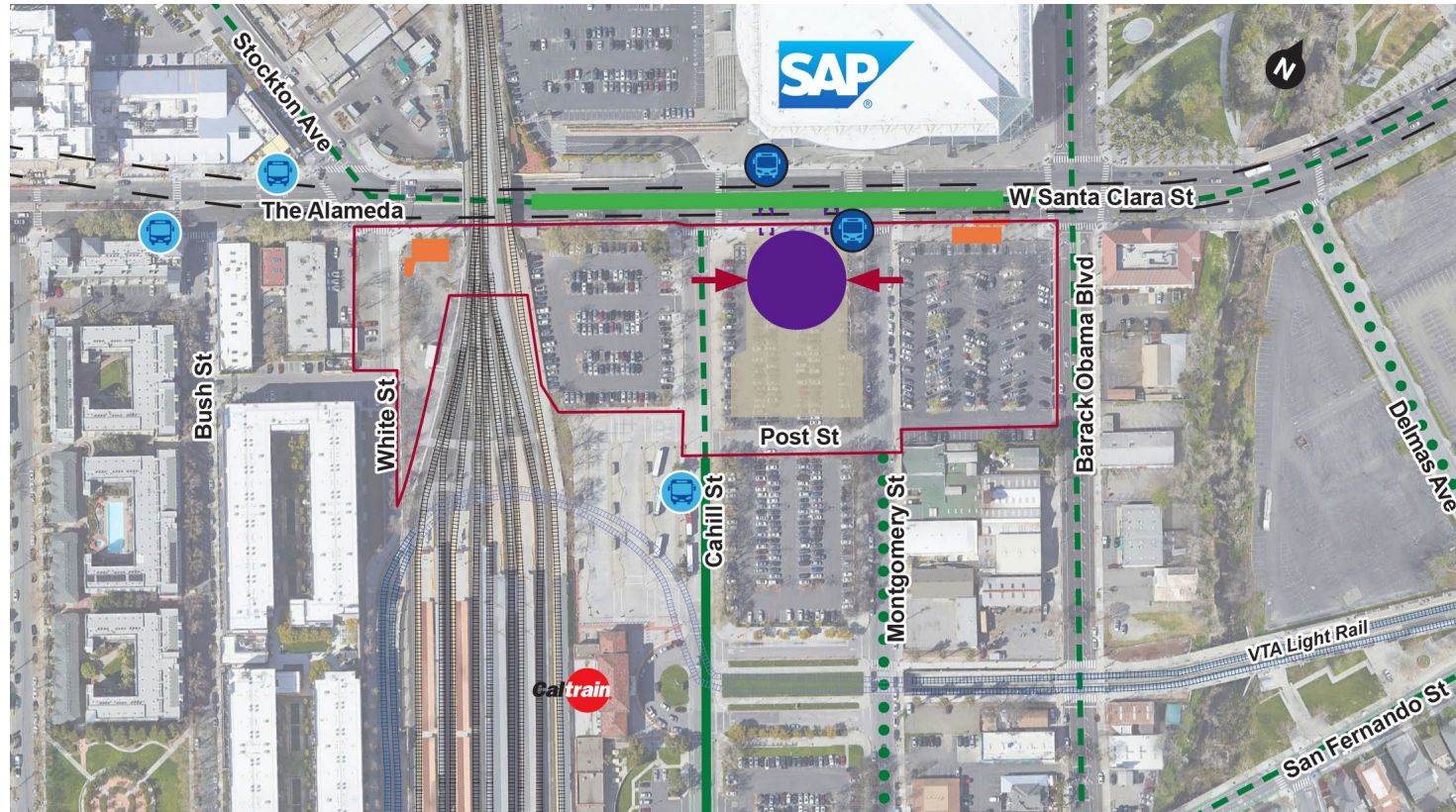
Preliminary concept – Subject to change

Downtown – 2nd Entrance, Street Level



Preliminary concept – Subject to change

Diridon Station Area



LEGEND

- Station Platform (Underground)
- At-Grade Vent/Egress Facilities
- Station Access Facilities and Future Potential Transit-Oriented Development
- Station Entrance Building
- Construction & Staging Areas
- Station Entrance & Exit
- Bus Stop
- Planned BRT Stop
- Tunnel
- Adits
- Class 2 Bikeway
- Class 3 Bikeway
- Class 4 bikeway

NOTE:

- Temporary and intermittent lane closures on Santa Clara Street between White Street and Barack Obama Blvd.
- This is a planning document subject to change.

Diridon Station Entrance



Preliminary concept – Subject to change

Diridon Station – Upper Platform Level



Preliminary concept – Subject to change

DRAFT as of May 2022 – FOR DISCUSSION ONLY

Recent Project Highlights



Monthly meetings with FTA on Full Funding Grant Agreement (FFGA)



Additional \$200 million allocated for the project in President Biden's proposed upcoming Fiscal Year 2023 budget



Real estate acquisition process progressing with negotiations underway



Second round of cooperative agreements with Cities of San Jose being finalized



Continued ongoing technical coordination with partner agencies and third parties



Conducted a stations workshop with SPUR, City of San Jose and BART staff



Project update to the joint VTA/BART Working Committee consisting of Board members from both agencies

Upcoming Project Activities



Developing refined and updated funding plan for construction and operations

Summarizing trade-offs for design options for the Downtown San José and Diridon BART stations

- within the extents of the currently approved project
- with focus on safety, connectivity, access, circulation, and transit-oriented development (TOD) integration

Initiating another independent peer analysis of single- and twin-bore options

Collaborating with the City and other stakeholders on potential design refinements during the CP2 innovation period (part of approved CP2 Stage 1 services)

CTMP Development Schedule



Contract-Specific CTMP Development Process



Engagement & Communication



- June 10th SJDA BSV Meeting
 - Tabard Theater & Vimeo livestream
- CWG Summer Socials
 - *Potential Dates: July 19-21*
- **VTA's BART Phase II Summer Community Social - August 27th**
- Regular CWG Meetings
- Tabling Events in the Station Areas
 - July through September
- Tailored Group Presentations
- Hotline number: 408-321-2345
- Survey along alignment requesting preferred communication methods



Additional Slides

Business Resource Program



Happy to see that there is a BRP. This is something that won't happen until we break ground, right? It's just the planning stage of what the resource and program will be

- Early construction is anticipated to start in 2023
- Planned to have the program ready to support those businesses when we begin construction
- Preliminary efforts to ensure program meets needs & further analysis on what's already developed
- Requires better sense of the proposed delivery methods & various access types to businesses, sidewalk closures, and intermittent closures that may reduce access to businesses.
- Implementation dependent on business access and relevant elements of the program. We want to have this ready for 2023 construction.



Signage and Wayfinding



VTA-sponsored Shop Local Marketing



Small Business Development



Potential Additional Resources

Business Resource Program



What we have heard from BSVII stakeholders and business owners:



Signage and Wayfinding



VTA-sponsored Shop Local Marketing



Small Business Development



Potential Additional Resources, such as Business Interruption Fund or Microgrants

CP2 Stage 1: Unanimous Board Approval



CP2



Tunnel & Trackwork

Delivery Method

Progressive Design-Build (PDB)

General Scope*

- Tunnel & trackwork
- Mid-tunnel facilities
- 28th Street/Little Portugal support of excavation
- Utility relocations (as required)
- Stations Support of Excavation & Connecting Adits

Stage 1

- Includes collaboration between the contractor, VTA, BART, the City of San Jose, & the community
- Review of proposed innovations & further advance design to prepare a final construction bid
- Determines
 - Final configuration within the limits of the currently approved project
 - Total construction cost
 - Schedule for completion of the Stage 2 construction work



Stage 2

- Progressive Design Build Contractor will provide a proposal that includes construction cost, schedule, & risk mitigations
- Advance the design to 100% & complete construction of the CP2 Contract

- At the [VTA Board of Directors meeting](#) on May 5th, 2022, the VTA Board unanimously **voted to award** the Tunnel & Trackwork Contract Package (CP2) for VTA's BART Silicon Valley Phase II Extension Project.
- CP2 will be delivered through Progressive Design-Build via two stages. This award includes initial Stage 1 services and is the first request of a series of Board Award authorizations for CP2 that will occur from May 2022 through approximately December 2023.

Authorize the GM/CEO to execute a progressive design build contract with Kiewit Shea Traylor, a Joint Venture (KST), in the amount of \$235M to perform Stage 1 Services for CP2. Additional allowances up to \$19M for surety bonds and initial early work packages.



Issue a Limited Notice to Proceed to investigate design alternatives and innovations to determine potential cost/schedule savings



Collaborate and continue working with BART, CSJ, CSC, and other stakeholders of innovations and advancing design concepts



Present an update on CP2 and potential innovations to VTA Board in September