



KIEWIT SHEA TRAYLOR

JOINT VENTURE

**“Golden Pitch” Presentation
to BuildOUT California**

to Discuss Opportunities on

**VTA’s BART Silicon Valley Phase II Extension Project
Contract Package 2 – Tunnel & Trackwork**

November 12, 2021

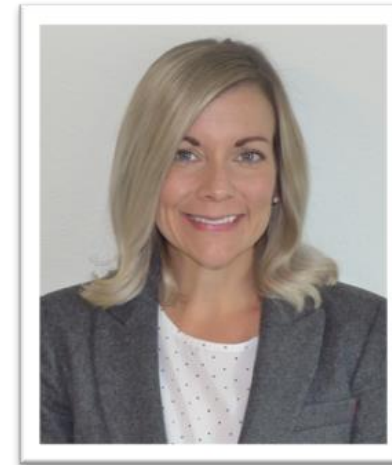
Meet Our Presenters



Kelli Kelly
Equity and Inclusion Lead



Corey Biddle
Subcontracting Strategy



Britt Walter
Supplier Diversity Manager

Contact us at: KSTJV@Kiewit.com

Agenda

- KSTJV Introduction and Team Structure
- BSVII Project Overview
 - Contract Package 2 Details
 - Anticipated Contract Opportunities
- Working with KSTJV
 - Get Connected
 - Resources and Assistance
- Questions & Answers
- Next Steps/Upcoming Events
- Closing Comments

KSTJV Team Structure

DESIGN-BUILDER AND RESPONDENT



LEGEND
% = Equity Members

PRINCIPAL ENGINEER (TRACKWORK DESIGN)



Kiewit Engineering Group Inc.

LEAD CONTRACTOR



Kiewit Infrastructure West Co

GEOTECHNICAL ENGINEER SUBCONSULTANT



PRINCIPAL ENGINEER (TUNNEL DESIGN)



J.F. Shea Construction, Inc.
Caring since 1881



KSTJV Commitment



Kiewit

J.F. Shea Construction, Inc.

Caring since 1881

TRAYLOR
TRAYLOR BROS., INC.

KSTJV is Committed to:

- Stewardship to ensure maximum return on VTA's investment to build business and workforce capacity
- Operating with transparency and accountability to the community and key stakeholders
- Inclusive and equitable contracting and hiring practices to promote diverse representation
- Working proactively and collaboratively to understand community/small business concerns and impacts
- Working with VTA to mitigate business interruption

KSTJV Project Experience



Blue Plains Tunnel



Regional Connector Transit Program



Warm Springs Extension

The Kiewit Shea Traylor joint venture members have extensive experience delivering similar complex projects, both locally and nationally.

VTA's BART Silicon Valley Phase II Extension Project Overview

OVERVIEW: BART Silicon Valley Extension Program

- The Santa Clara Valley Transportation Authority's (VTA) BART Silicon Valley Extension Program (BSV Program) is the largest public infrastructure Program ever constructed in Santa Clara County, California.
- The Program includes the recently completed 10-mile, two station Berryessa Extension Project (SVBX) and the Phase II Extension Project (BSVII Program).

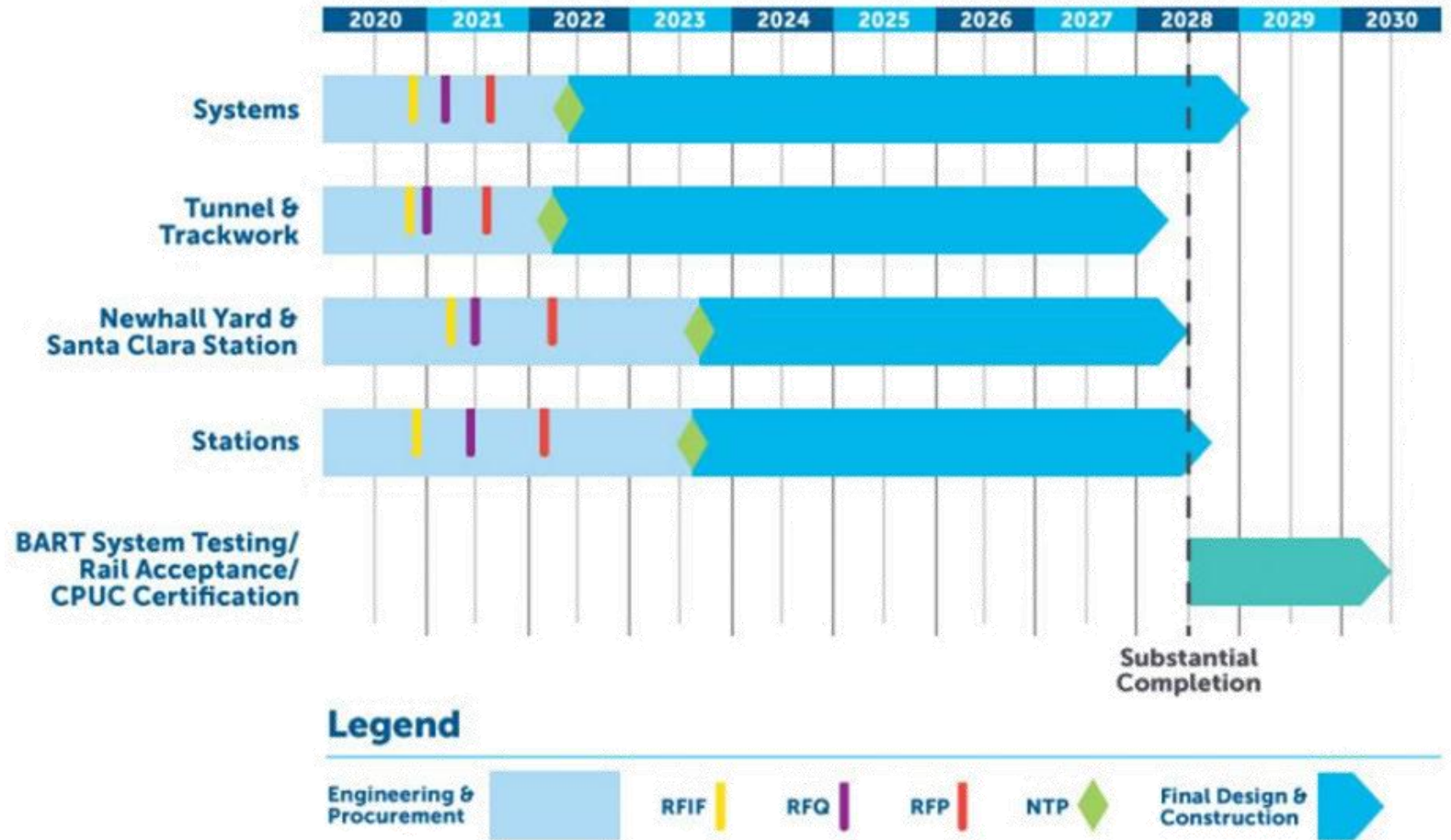


For more information about VTA's BART Silicon Valley Phase II Extension, Visit: www.vta.org/projects/bart-sv/phase-ii.

BART Silicon Valley Extension Program – Phase II

The BSVII Program will extend Bay Area Rapid Transit (BART) service from the existing temporary end of the SVBX line adjacent to the Berryessa/North San Jose BART station through downtown San Jose, terminating in the City of Santa Clara.

BSVII will be delivered as four separate projects and corresponding Contracts.



Project Details – Contract Package 2

- **Owner:** Santa Clara Valley Transportation Authority's (VTA)
- **Scope:** Tunnel / Trackwork
- **Estimated Budget:** \$2-2.5 Billion
- **Delivery Method:** Progressive Design-Build
- **Procurement Process:** Best Value selection process
- **Schedule:**
 - Proposal Deadline: 12/3/2021
 - Notice of Award: 1/18/2022
 - NTP1 - 4/21/2022
 - CP2 Substantial Completion - 10/27/2028
 - CP2 Contract Duration (NTP1 to Substantial Completion) - 78 months

DBE/SBE Participation Requirements – CP 2

VTA has established the following participation goals for Contract Package 2:

- **Disadvantaged Business Enterprise (DBE): 15%**
Only DBE firms certified by the California Unified Certification Program (CUCP) will be counted for DBE participation.
- **Small Business Enterprise (SBE): 20%**
Contractor shall, as a minimum, utilize the VTA SBE or the California Department of General Services databases to identify SBEs

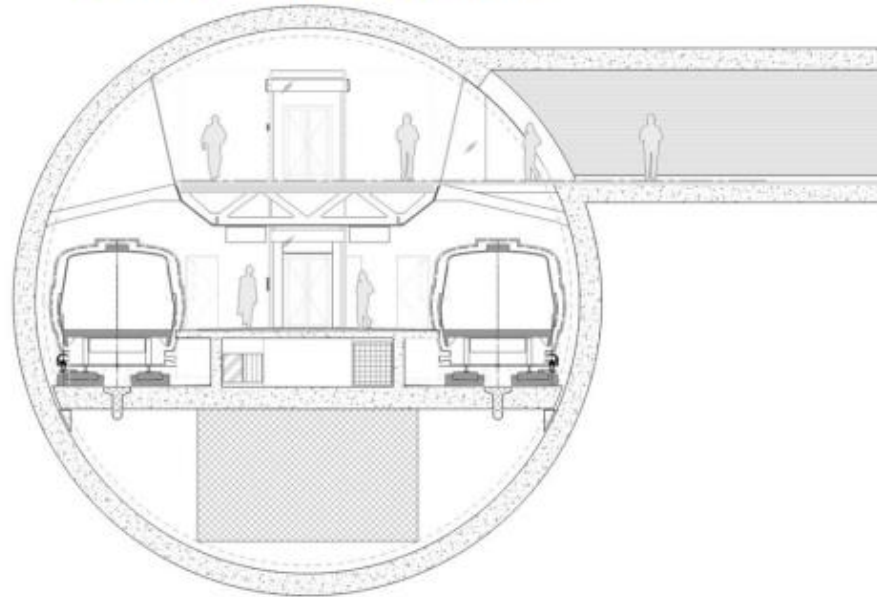
The 20% Small Business Enterprise (SBE) participation goal is inclusive of the DBE goal, for this contract. The Contractor may not exceed the 20% SBE goal in lieu of achieving the 15% DBE goal.

Scope Overview – Contract Package 2 (Tunnels / Trackwork)

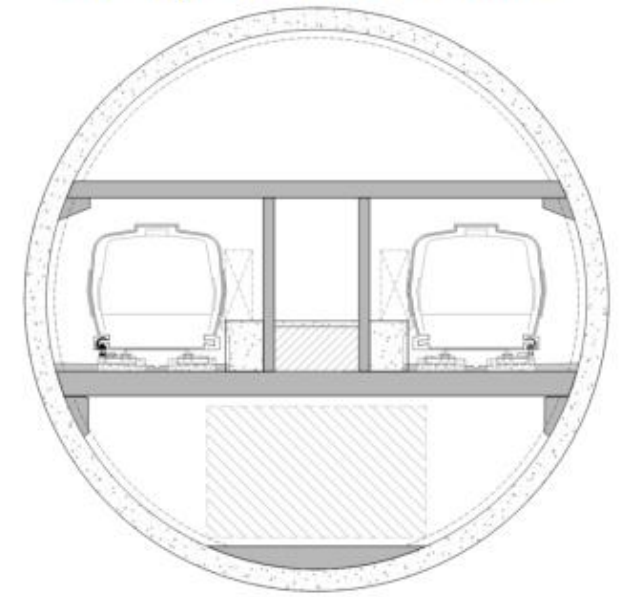
Scope includes a 5-mile single bore tunnel extending from the terminus south of the Berryessa/North San Jose station, through downtown San Jose along Santa Clara St, to the proposed Newhall Maintenance Facility in the City of Santa Clara.

Single-Bore: Center Platform Configuration

Center Platform at Stations



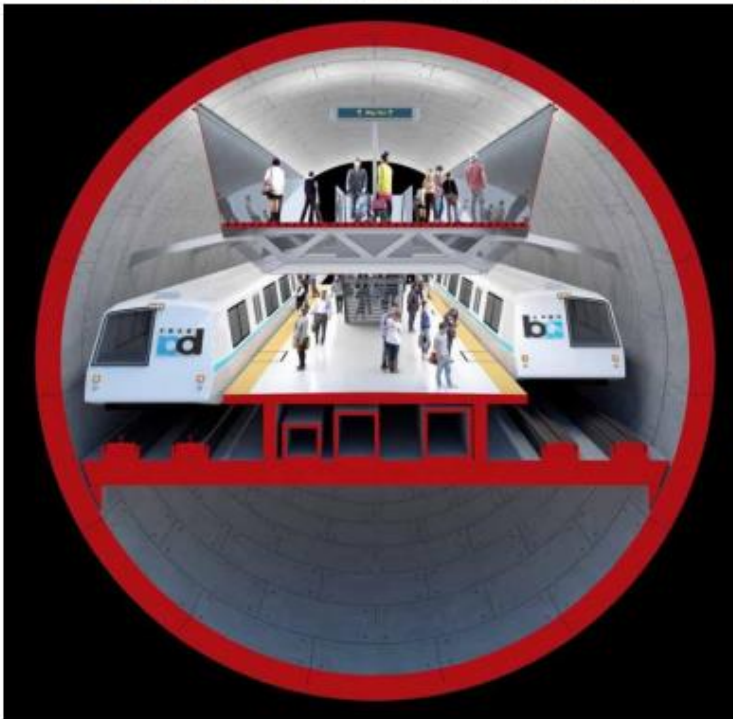
Side-by-Side Tracks in Tunnel



Scope Overview – Contract Package 2 (Tunnels / Trackwork)

Single-Bore: Center Platform Configuration

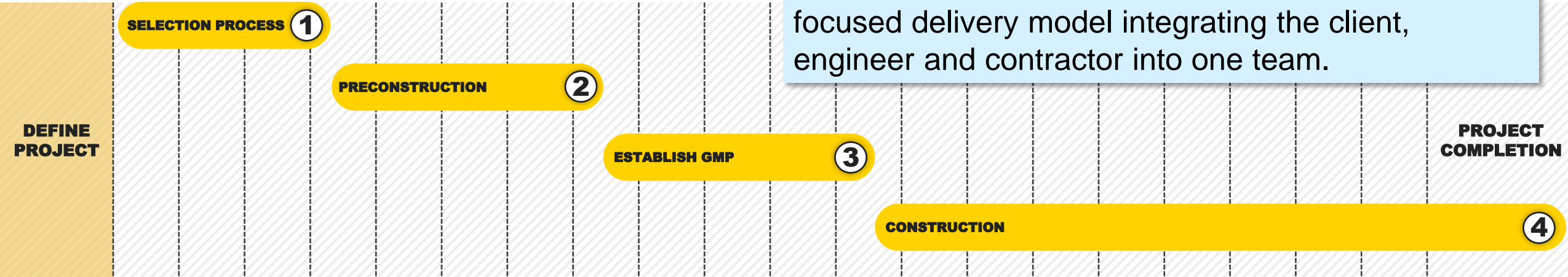
Concourse & Platform in Tunnel



The tunnel will be approximately 43 feet internal diameter, which will allow for two BART trainways and for the station platforms for Downtown San Jose and Diridon Stations to be constructed within the tunnel.

Progressive Design Build Process

PROGRESSIVE DESIGN-BUILD is a collaborative focused delivery model integrating the client, engineer and contractor into one team.



1 SELECTION PROCESS

- RFQ Issued
- Bidders Shortlisted
- RFP Issued
- Bidders Interviewed
- Preferred bidder selected for preconstruction phase

2 PRECONSTRUCTION

- Refine scope of work
- Limited design required
- Develop project cost and timetable in an open book process 30%, 60%, 90%
- Analyze and mitigate risks
- Develop GMP
- Proposal submission

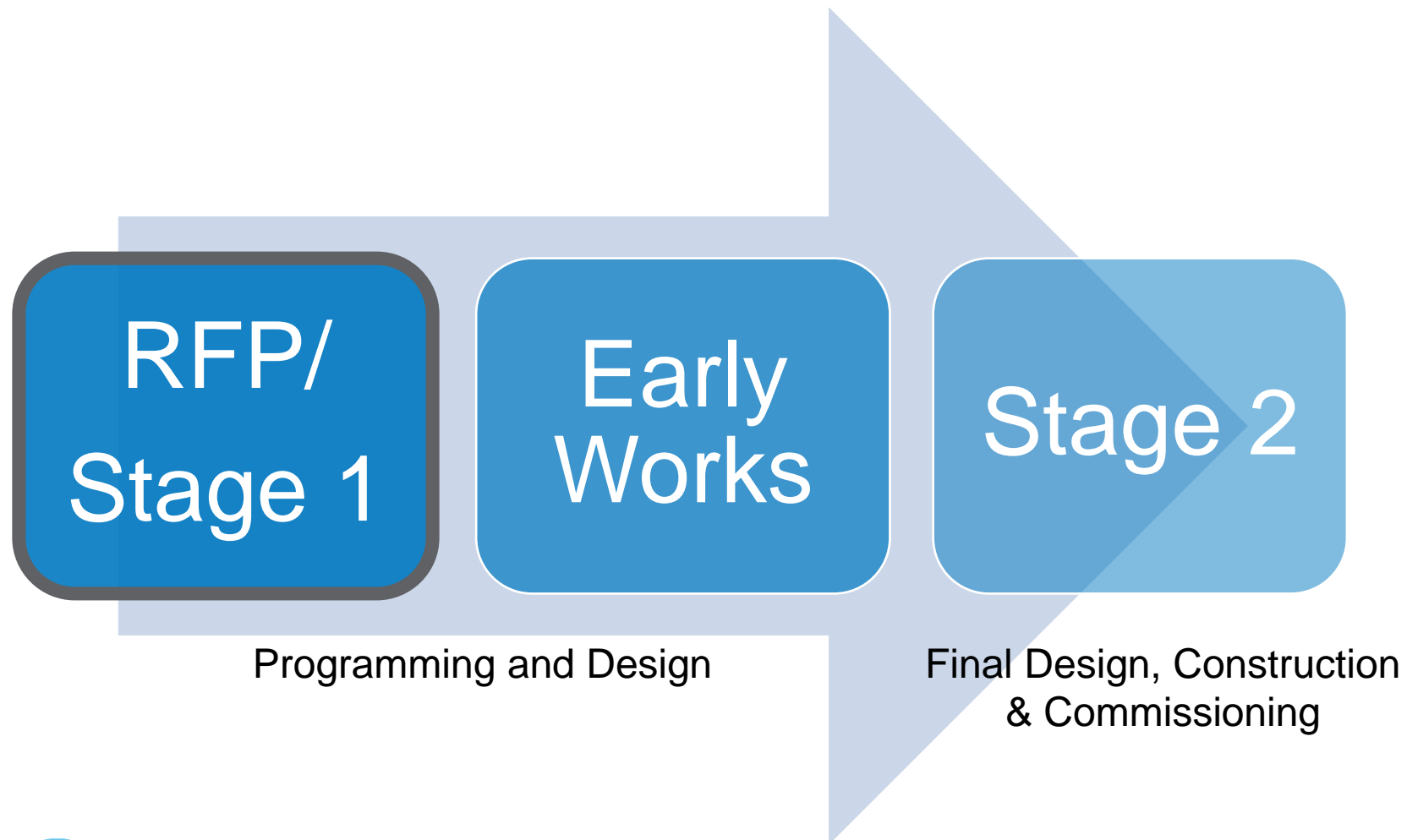
3 ESTABLISH GMP

- Design reaches 75-90%
- Schedule of values established
- Quantities of work established and validated
- Bid package produced
- PDB pricing submitted for review
- Incentives/disincentives developed based on KPIs (Key Performance Indicators)
- Minimize risk

4 CONSTRUCTION

- Shared savings/costs depending on costs and schedule
- Project execution detailed design and construction
- Continued monitoring of work compliance (design and construction) with defined specs throughout process

Contract Package 2 – Opportunities Forecast



During this early stage of project procurement, KSTJV is seeking to engage local, small, and diverse firms whose services align with Stage 1 scope.

We are also working to identify firms interested in exploring future participation opportunities for the duration of the project.

Contract Package 2 – Anticipated Contract Opportunities: Stage 1

Late Winter/Early Spring 2022

- Architecture – Building design
- Civil Engineering
- Commercial Photography Services
- Computer-Aided Design Drafting
- Construction Engineering
- Construction Surveying
- Document Control Assistance
- Drafting Services
- Drainage Design Support
- Electrical Engineering
- Environmental Consulting Services
- Environmental Engineering
- Environmental Testing Laboratories or Services
- Erosion Control Engineering
- Geological Engineering
- Geotechnical Testing, Drilling
- Geotechnical Testing Laboratories or Services
- Instrumentation and Monitoring
- MEP Design Support
- Relocation Design Support
- Roadway Civil Design Support
- Site Civil Design Support
- Soil Testing Laboratories or Services
- Staff Augmentation for CAD Support
- Structural Design Support
- Surveys – Site, Pre- and Post-Construction, As-BUILTS, Tunnel
- Track Design Support
- Traffic Control, Signage, Flagging, Maintenance
- Traffic Engineering Consulting
- Utilities – SUE, Potholing, Coordination

Contract Package 2 – Anticipated Contract Opportunities: Early Works*

Fall/Winter 2022

- Asphalt, Concrete Paving
- Asphalting
- Chain Link Fence Installation
- Concrete Breaking and Cutting
- Construction Equipment Rental with Operator
- Demolition, Building and Structure
- Distribution Line, Sewer and Water, Construction
- Excavation Contractors
- Grading Construction Sites
- Potholing Existing Utilities
- Sanitary, Storm Sewer Construction
- Soil Test Drilling
- Street Sweeping, Vacuum Truck Services
- Water Main and Line Construction

Contract Package 2 – Anticipated Contract Opportunities: Stage 2

Spring 2024

- Dewatering Contractors
- Drilled Pier Contractors
- Earth Retention Systems
- Electric Contracting
- Electrical Contractors and Other Wiring Installation
- Electrical Equipment Installation
- Electrician
- Embankment Construction
- Falsework Construction
- Footing, Foundation Concrete
- Forms for Poured Concrete, Erecting and Dismantling
- Gabion Construction
- Grading, Highway, Road, Street
- Guardrail Construction
- Gunite, Shotcrete Placement
- Highway, Street, and Bridge Construction
- Highway, Street, Bridge Lighting, Electrical Signal
- Horizontal Drilling (Cable, Pipeline, Sewer)
- Hydrodemolition Contractors
- Manufactured Building Set Up and TieDown
- Microtunneling, Pipe Jacking
- Nondestructive Testing Laboratories or Services
- Other Foundation, Structure, and Building Exterior

Contract Package 2 – Anticipated Contract Opportunities: Stage 2

Spring 2024

- Painting Lines on Highways, Streets and Bridges
- Piling Contractors
- Pothole Filling, Highway, Road, Street or Bridge
- Poured Concrete Foundation and Structure
- Reinforcing Steel Contractors, Furnish and Install
- Resurfacing, Highway, Road, Street, Bridge
- Retaining Walls
- Riprap Installation
- Scaffold Erecting and Dismantling
- Sediment Control Systems
- Sidewalk, Public, Construction
- Sign Erection, highway, road, street, or bridge
- Stairway, Metal, Installation
- Structural Steel and Precast Concrete
- Structural Steel, Furnish and Install
- Subway Construction
- Trenching
- Trucking
- Tunnel Construction
- Tunnel Lighting Contractors
- Underpinning, Construction
- Water Treatment, Temporary Facilities
- Water Well Drilling, Digging, Boring or Sinking
- Welding, OnSite, Contractors

Contract Package 2 – Anticipated Contract Opportunities: Stage 2

Summer 2024

- Concrete Paving
- Concrete Pouring and Finishing
- Concrete Product, Precast Fabrication, Installation
- Concrete Pumping
- Concrete Work
- Culverts, Highway, Road and Street
- Curb and Gutter Construction
- Curbs and Street Gutters

****We also encourage participation by local, small, and diverse companies seeking to provide ancillary services, such as catering, printing, and office supplies.***

Connecting with KSTJV

Step 1: Complete our Subcontractor Questionnaire to join our mailing list and help us understand your capabilities and bidding interest for this project.

Step 2: Sign-up for *Building Connected* to be added to our bidder's list!

- Create an account with Building Connected <https://app.buildingconnected.com/create-account>

KSTJV will utilize BuildingConnected for bid solicitations and vendor communications regarding plans/specs/addenda distribution.

The screenshot shows a web form titled "Subcontractor Questionnaire" for the "VTA BART Silicon Valley Phase II Extension - Contract No. 2 Tunnel/Trackwork" project. The form includes the following fields and options:

- Contact First Name *
- Contact Last Name *
- Company Name *
- Email Address *
- Phone Number *
- Address *
- Website / URL *
- Type of Work (Prof. Svcs, Const. Supplier) *
 - Professional Services
 - Construction
 - Vendor/Supplier
- Please indicate the NAICS codes/services your company performs: *
- Firm Description *
- Please attach capability statement, if available:
 - Drag and drop files here or [browse files](#)
- How many employees does your organization have?

What does it take to work with us?

We evaluate companies on different criteria based on specific project requirements. This may include, but is not limited to:

- ✓ Safety performance
- ✓ Proven quality
- ✓ Certification
- ✓ Insurance and bonding capability
- ✓ On-time performance
- ✓ Years in business
- ✓ Reputation
- ✓ Past performance with Partners or Client
- ✓ Value-added products or services

Get Connected. Stay Connected.

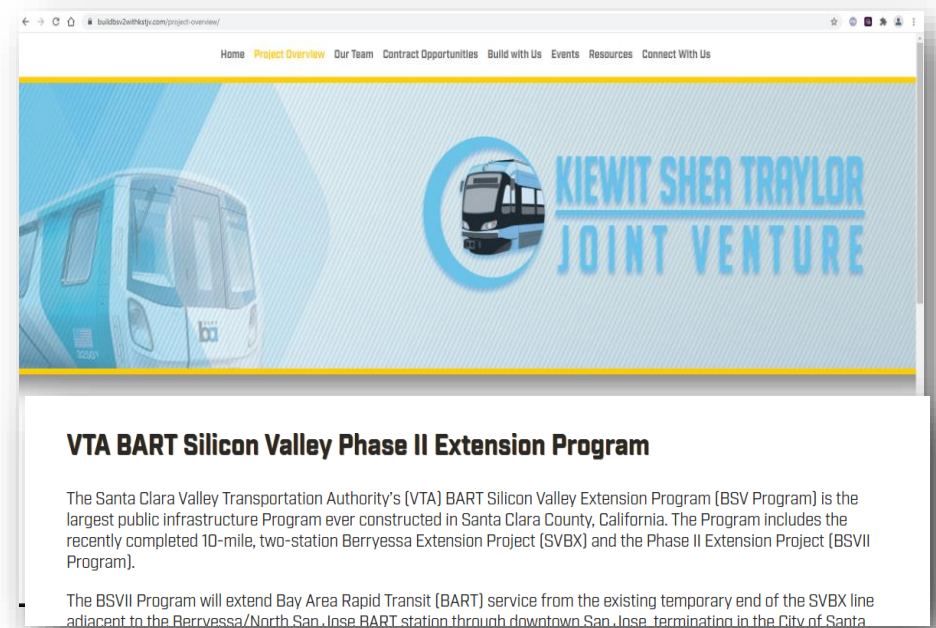
Email:

KSTJV@kiewit.com



Visit:

www.buildbsv2withkstjv.com



Click [here](#) to Join the
KSTJV Database!

QUESTIONS & ANSWERS



KIEWIT SHEA TRAYLOR
JOINT VENTURE

We're Building More Than Tunnels and Trackwork

KSTJV will maximize opportunities for local DBE/SBE firms through:

- Dividing work into economically feasible packages to assist diverse-owned businesses and ensure equitable and meaningful participation
- Fostering the development and growth of existing and potential diverse business partners
- Partnership with local community/industry organizations to promote opportunities and align resources
- Informational events to provide updates and promote opportunities
- Timely notification of bid opportunities
- Dedicated resources to address information/assistance needs

VTA's BART Silicon Valley Phase II Extension Project Contract Package 2 – Tunnel & Trackwork

For additional project information, please visit:
www.vta.org/projects/bart-sv/phase-ii

**AIM YOUR SMART
PHONE CAMERA HERE
TO ADD US TO YOUR
CONTACTS.**



Thank you for joining us!