

# KIEWIT SHEA TRAYLOR JOINT VENTURE

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

## **KICKOFF MEETING** **for CONSTRUCTION**

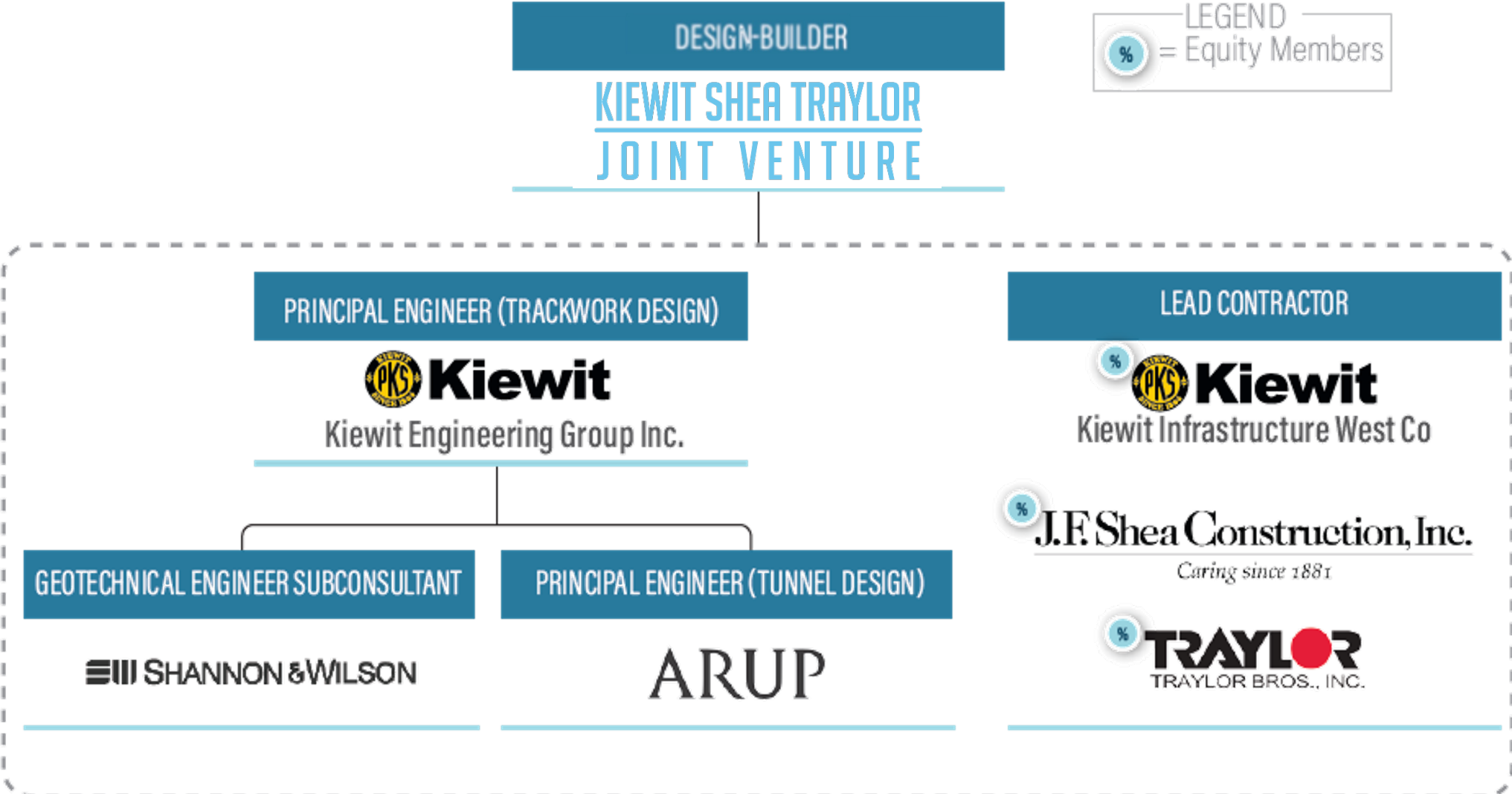
November 29, 2022

# Agenda

| Topic  | Speaker   |
|--|---|
| Welcome + Opening Remarks  | Tom Trimble, KSTJV<br>Nicole Chapman, VTA   |
| Team Introductions   | Tom Trimble, KSTJV  |
| Program/Project Overview   | Bill Mariucci, KSTJV  |
| Working with KSTJV   | Chris Wiese, KSTJV  |
| Resources and Assistance <ul style="list-style-type: none"><li>• KSTJV Technical Assistance Program Overview</li><li>• Resource Partners<ul style="list-style-type: none"><li>• NorCal PTAC</li><li>• Merriwether + Williams</li><li>• Small Business Association</li><li>• DGS</li><li>• NAMC</li></ul></li></ul> | Abbigail Brown, CPM Logistics<br><br>Taylor Bowes<br>Bernida Reagan<br>Marlow Schindler<br>Joann Patty<br>Bruce Giron |
| Brief Q&A  | Abbigail Brown, CPM Logistics   |
| Meet + Greet Session   | ALL   |

# KSTJV Team Structure

LEGEND  
% = Equity Members



# KSTJV Project Experience

**KIEWIT SHEA TRAYLOR**  
**JOINT VENTURE**



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.*

# KSTJV Commitment

**KIEWIT SHEA TRAYLOR**  
**JOINT VENTURE**



**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

**Equity • Inclusion • Opportunity • Growth**

# **PROGRAM / PROJECT OVERVIEW**

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- BSV – Phase II Program Details
- Progressive Design Build Delivery Model
- CP 2 – Project Overview

# BSV – Phase II

- Largest public infrastructure program ever constructed in Santa Clara
- Includes the recently completed 10-mile, two-station Berryessa Extension Project (SVBX) and the Phase II Extension Project (BSVII Program)

For more information:

<http://www.vta.org/projects/bart-sv/phase-ii>

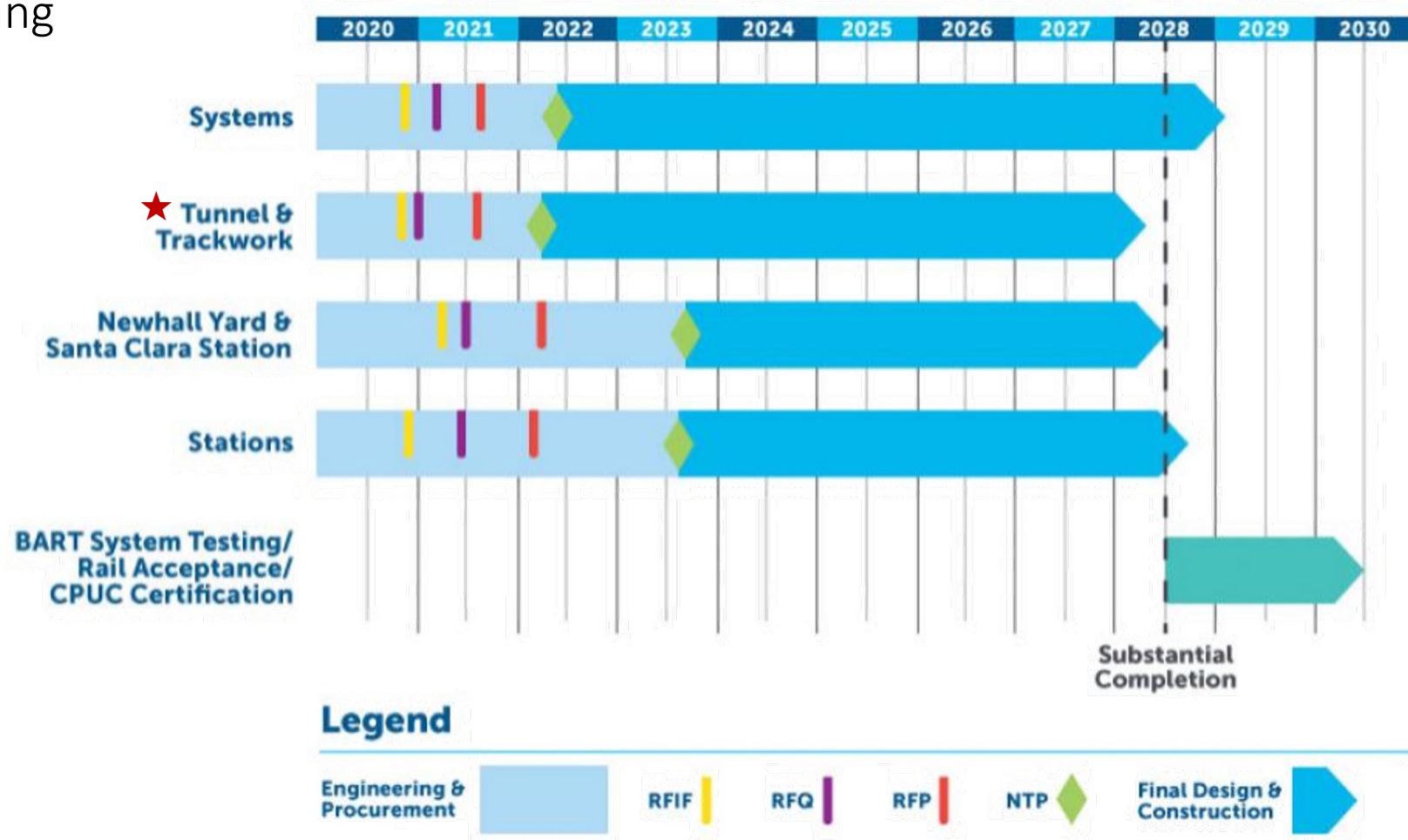


# BSVII – Phase II

BSVII will be delivered as four separate projects and corresponding Contract Packages (CPs).

## ★ Contract Package 2 (CP2):

- 5-mile single bore tunnel from terminus south of the Berryessa/North San Jose station, to proposed Newhall Maintenance Facility
- Approx. 48 feet diameter tunnel for two trainways and Downtown San Jose and Diridon station platforms to be constructed inside tunnel.





# BSV – Phase II: 4 Contract Packages

## Contract Package 1 (CP1):

- Guideway System includes traction power, train control, communication, emergency ventilation systems, etc.
- Facility Systems include systems in the passenger stations such as HVAC, plumbing, drainage, lighting, power, fire protection, etc.

## Contract Package 2 (CP2):

- 5-mile single bore tunnel from terminus south of the Berryessa/North San Jose station, to proposed Newhall Maintenance Facility
- Approx. 48 feet diameter tunnel for two trainways and Downtown San Jose and Diridon station platforms to be constructed inside tunnel.

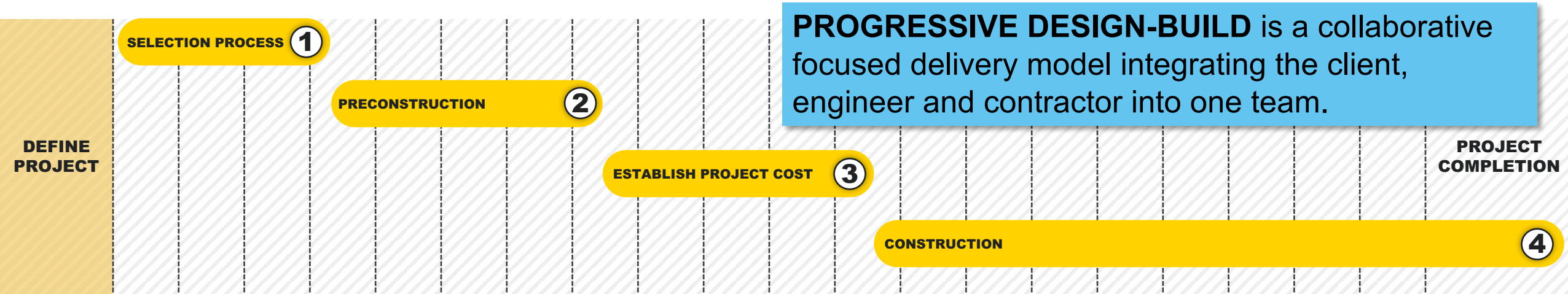
## Contract Package 3 (CP 3):

- Newhall Yard Maintenance Facility, yard track + contact rail, auxiliary buildings, civil site restoration + demobilization
- Full construction of at-grade Santa Clara Station, 500-space parking garage + required transit access facilities.

**Contract Package 4 (CP 4):** Headhouse, ancillary facilities, and street-level improvements associated with three underground stations:

- 28th Street/Little Portugal
- Downtown San Jose (DTSJ)
- Diridon

# Progressive Design Build Process



## 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 PROJECT COST

- **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

# CP2 Overview

- **Scope:** Tunnel / Trackwork
- **Overall Estimated Budget:** \$2.5-3 Billion
- **Delivery Method:** Progressive Design-Build
- **Milestone Schedule:**
  - LNTP – June 9, 2022
    - Innovations Period
  - NTP1 – Sept. 8 2022
    - Stage 1 – Programming Services
  - NTP1a – March 2023
    - Stage 1 – Design Work and Early Works
  - NTP2 – June 2024
    - Stage 2 - Construction
  - CP2 Substantial Completion - 2029



# CP2 Project Stages

## **STAGE 1**

### **Programming, Design, Early Works**

- June 2022 to approx. June 2024
- Investigation of innovations
- Engineering and design
- Open book cost estimates
- Development of work schedule
- Early works construction (Q2 2023)



## **STAGE 2**

### **Final Design, Construction + Commissioning**

- Start work June 2024
- Boring tunnel under downtown San Jose and interior tunnel lining
- Excavations / shoring / structures for portals and stations
- MEP throughout the tunnel
- Trackwork

## Project Labor Agreement

- PLA with sub/contractors of all tiers from Santa Clara and San Benito Building & Construction Trades Council and its affiliated local Unions.
- Applies to VTA contracts of \$2 million and above
- Does not replace, interfere with, abrogate, diminish or modify existing local or national collective bargaining agreements in effect during Project duration.

## DBE/SBE Participation

- **DBE: 15%**  
Only DBE firms **certified by CUCP** will count toward DBE participation.
- **SBE: 20%**  
Only SBE firms **certified by VTA or California DGS** will be counted for SBE participation.
- The 20% SBE goal is inclusive of the DBE goal, for this contract.

## Owner-Controlled Insurance Program

- The sponsor of the insurance program will be the Santa Clara Valley Transportation Authority (VTA).
- Enrolled Participants will generally include all contractors and subcontractors of every tier involved with on-site project construction.

# **WORKING WITH KSTJV**

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- Connecting with the Project
- Prospective Construction Scope Opportunities

# Stay Informed: [www.KSTJV.com](http://www.KSTJV.com)

**KIEWIT SHEA TRAYLOR  
JOINT VENTURE**

- Project Information
- Contract Opportunities
- Subcontractor/Database sign-up
- Events Calendar
- Resource List
- Virtual Technical Assistance Hub
- Materials from past workshops:
  - Progressive Design Build
  - Understanding Project Reqs.
  - Navigating BuildingConnected
  - Getting Certified

[www.kstjv.com](http://www.kstjv.com)



**Resources**

KSTJV is committed to providing resources, information, and support to local, small, and diverse business opportunities to participate on the Project.

**ARE YOU ON TRACK FOR OPPORTUNITY?**  
CLICK HERE TO VISIT OUR ASSISTANCE HUB FOR RESOURCES AND ASSISTANCE

**VTA BART Silicon Valley Phase II 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).

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.

**Kiewit**

VTA'S BART SILICON VALLEY PHASE II EXTENSION PROJECT

- ACCOUNTING
- ALTERNATIVE DELIVERY
- BONDING
- BUSINESS DEVELOPMENT
- CERTIFICATION
- CONTRACTS/RISK ASSESSMENT
- COVID-19
- ESTIMATING
- HR BEST PRACTICES
- INSURANCE
- OCIP
- PREVAILING WAGE
- PROJECT LABOR AGREEMENTS
- QUALITY
- RISK MANAGEMENT
- SAFETY
- TEAMING

## Bidder's List + Planroom

- Create an account with [BuildingConnected](#)
- Bid solicitations and vendor communications regarding plans/specs/addenda distribution.

## Subcontractor Questionnaire

- Help us understand your capabilities and bidding interest for this project.
- KSTJV.com

**VTA BART Silicon Valley Phase II Extension - Contract No. 2 Tunnel/Trackwork**

Subcontractor Questionnaire

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?



# CP2 Future Contract Opportunities: Early Works

## Spring/Fall 2023

- **Asphalt Grinding and Paving**
- Concrete Forming, Pouring and Finishing
- Concrete Pumping
- Curb, Gutters and Sidewalk
- **Demolition Work**
- Dewatering Wells
- **Erosion Control**
- **Fencing and Gates**
- **Grading and Aggregates**
- HVAC Systems
- Instrumentation and Monitoring
- Nondestructive Testing
- QC Testing
- Potholing Existing Utilities
- Precast Concrete
- Reinforcing Steel
- Retaining Walls
- Structural Concrete
- **Security Services**
- **Site Preparation**
- **Storm Drain, Sewer, Water Lines**
- **Street Sweeping**
- Temporary Water Treatment Facilities
- Trenching
- **Trucking**
- Utility Work

## West Portal Site Preparation

**Bid Advertisement Date: Mid-December 2022**  
**Bid Due Date: Mid-January 2023**

- Other early works packages will be advertised for solicitation in Q2 and Q3 of 2023
- Register with [BuildingConnected](#) to receive bid notifications!
- Visit [KSTJV.com](#) for more project information.
- Contact our Project Team: [KSTJV@Kiewit.com](mailto:KSTJV@Kiewit.com)

# Resources + Assistance

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- Technical Assistant Program
- Resource Partners

# Technical Assistance Program

## Module 1

### **Bid Submittal Assistance (BSA)**

- Ready firms with relevant scope and capacity for submitting viable bids on scope packages being advertised.
- Concurrent with bid solicitations process

## Module 2

### **Mentor-Protégé Program (MPP)**

- Create and support individualized learning plan focused on self-selected barriers.

## Module 3

### **Collective Group Mentoring (CGM)**

- Build capacity within contracting community to engage on public works projects through a collective mentoring approach.

# Resource Partners

**KIEWIT SHEA TRAYLOR  
JOINT VENTURE**



CALIFORNIA DEPARTMENT OF GENERAL SERVICES



Office of Small Business and Disabled Veteran Business Enterprise Services



**Small Business Association**

# **Please Visit for Q&A and Networking**

**Project Information**  
**KSTJV**

**Technical Assistance  
Program**  
**CPM Logistics**

**Resource Organizations**

**Unions**



# KIEWIT SHEA TRAYLOR --- JOINT VENTURE

**Thank you for  
joining us!**