



VTA BSVII Executive Monthly Progress Report
January 1, 2024 – January 31, 2024

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Issued for March 14, 2024 BSVII Ad Hoc Steering Committee Meeting

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1 VTA BSVII EXECUTIVE SUMMARY

1.1 BSVII HIGHLIGHTS

1. **FTA Coordination:** FTA, PMOC, and the BSV team participated in a three-day Risk Workshop on January 16-18, 2024. VTA, BART, PMT, and GEC staff represented the BSV program. The workshop explored and resolved questions about program risk, schedule, budget, and management capacity. *Updated as of February 26, 2024: In early February 2024, FTA/PMOC discussed a summary of its preliminary risk assessment findings with VTA. The findings impact the cost and schedule basis of VTA's application to enter the New Starts Engineering phase. Submittal of the application is targeted for March 2024.*
2. **Management Capacity:** No changes to organization chart. VTA continues its recruitment process for a Program Director and a Construction Director.
3. **Schedule Updates:** *Updated as of February 26, 2024: Based on discussions and feedback from the January Risk Workshop, VTA is developing a new baseline schedule with a target Revenue Service Date (RSD) of Q2-2037. The preliminary risk assessment by FTA indicated a projected RSD of February 2039, inclusive of FTA-assessed schedule contingency. To support the ongoing application for New Starts CIG federal funding, VTA plans to adopt the FTA-recommended schedule contingency that indicates a Q1-2039 RSD while managing to the aforementioned target RSD of Q2-2037. The January 2024 schedule update (February 1, 2024, data date) and the preliminary February 2024 schedule updates (March 1, 2024, data date) are being consolidated to form the BSVII Baseline Schedule. Since the baseline schedule development is currently underway, the schedule section in this report reflects status through December 2023.*
4. **Scope (Configuration) Updates:** No Configuration Changes were executed this month.
5. **Budget Updates:** *Updated as of February 26, 2024: Based on the preliminary risk assessment shared by the FTA/PMOC, FTA/PMOC proposed a total cost increase (excluding Finance) of \$599M (approx.) of which \$524M (approx.) was attributed primarily to FTA's recommendation of higher escalation rate for the remaining duration of the Project. VTA plans to adopt this recommendation, and has initiated the process of transitioning from the Preliminary Baseline Budget to the BSVII Baseline Budget. The new budget will be included in VTA's application to enter the New Starts Engineering Phase. The cost section continues to reflect the preliminary budget, but the commitments and expenditures are updated through January 2024.*
6. **Risks:** During this reporting period, no new risks were added, and no active risks were retired.
7. **Key CP2 updates:**
 - a. *Updated as of February 26, 2024: VTA completed negotiations and issued Notice(s) to Proceed (NTP)s for early work packages (EWP) 3A (West Portal Initial site work), 7A (West Portal geotechnical instrumentation), and 11A (Procurement of Transformer for TBM Temporary Power). These EWPs were either critical or near-critical path in the Master Program Schedule.*
 - b. VTA continued negotiations on other cost proposals for EWPs – equipment used to manufacture the PCTL tunnel lining segments and the West Portal launch structure. To avoid potential future schedule slippage, VTA plans to issue a limited NTP for EWP 3C scope elements while remaining EWP 3C costs are being authorized.
 - c. KST is working on various design submittals, most of the design units are progressing towards 85% design and the remaining ones are progressing towards 60% design.
 - d. KST and VTA continued to focus on Value Engineering elements and have begun implementation coordination.
8. **CP1, CP3 and CP4 updates:** Design and technical specifications for Systems, Stations, and Yard facilities are progressing with the current General Engineering Consultant (GEC) team:

- a. Current focus on further progression of Value Engineering (VE) items. VTA actively engaging BART in the review of VE items requiring DCM modification(s).
 - b. 60% design advancing for Systems, Newhall Yard, and Stations.
 - c. Monitor the progress between the KST and GEC design teams in interface design requirements definitions.
9. **Right of Way (ROW):** Two offers were made this month. Other acquisitions are in progress. Refer to Section 6.2 for ROW Status.
10. **Environmental updates:** Q4-2023 Environmental Commitment Record was finalized and posted on VTA website.
11. **Third Party / Utilities / Agency Coordination:** Continued coordination activities with external agencies, utility owners and third parties. Refer to Section 6.3 and 6.4 for Utilities summary.

1.2 KEY ISSUES

Table 1 outlines the open high priority issues as of this reporting period.

Table 1 – Key Issues and Actions

Issue Description	Actions
Temporary Power SNH long-lead transformer procurement is a potential schedule issue due to the supply chain and production timeframe issues.	<i>Updated as of February 26, 2024: VTA issued NTP to KST (EWP 11A) to initiate the procurement. As a result, this issue is being closed after issue of this report. VTA continues to explore mitigation strategies to address this issue, including alternative sourcing of transformers.</i>
West Portal Enabling works and TBM launch structure are now on critical path.	<i>Updated as of February 26, 2024: Though VTA issued NTP to EWP 3A and to prevent future potential schedule slippage, VTA also plans to issue a limited NTP for EWP 3C scope elements while costs differences for the remaining scope of EWP 3 are being negotiated.</i>
Observed misalignment between KST and VTA on the Progressive Design Build delivery approach from different points of reference.	VTA and KST are collaboratively working to minimize the impacts of this issue. A multi-session partnering effort is scheduled to begin March 1 st with representatives from both parties to address and mitigate this issue.

1.3 KEY DECISIONS

Table 2 outlines the open key decisions as of this reporting period.

Table 2 – Key Decisions

Description	Notes
Decision on exercising an option for procurement of 48 railcars under BART's contract by April 30, 2024.	Discussions between VTA and BART are underway, including BART Fleet Management Plan. If staff recommends exercising option at this time, the item is expected to be submitted to the Administration and Finance Committee (March 2024) and Full Board (April 2024) for approval.
Construction Management Services Procurement	Selection is under way. Expected for April 2024 Board Approval/NTP.
Approval of NEPA	VTA progressed the update of NEPA document and is coordinating with FTA. Anticipated approval in Q1-2024.
Adoption of FTA/PMOC recommendations to increase the baseline cost and extend the revenue service date	<i>Updated as of February 26, 2024: VTA plans to adopt the recommendations to be included in the new baseline. The new baseline will be presented to the Board in March 2024.</i>
Execution of CP2 KST Amendment #2 and issue NTP to KST (Design progression thru 85% - \$43M)	<i>Updated as of February 26, 2024: Execution and NTP issuance occurred in February 2024. This is no longer a pending decision and will be closed after issuing this report.</i>
Execution of CP2 KST Amendment #3 and issue NTP to KST (EWP 3A - \$87M, EWP 7A - \$1.8M, EWP 11A - \$18M, Bond Value - \$1.6M)	<i>Updated as of February 26, 2024: Execution and NTP issuance occurred in February 2024. This is no longer a pending decision and will be closed after issuing this report.</i>

1.4 BSVII OVERVIEW / SUMMARY

VTA BART Silicon Valley Phase II (BSVII or Program) is an approximately six-mile extension of BART service from the Berryessa/North San José Station through Downtown San José and terminating near the Santa Clara Caltrain Station. BSVII is planned to include three below-ground stations (28th Street/Little Portugal Station, Downtown San José Station, and Diridon Station) and one at-grade station (Santa Clara Station), and a maintenance facility at Newhall Yard.

VTA and BART are active partners in the decision-making process for BSVII. The division of responsibilities between VTA and BART with respect to BSVII is governed by the VTA/BART Comprehensive Agreement executed on November 19, 2001.

BSVII will be implemented within, and serve, the City of San José, the City of Santa Clara, and the County of Santa Clara. The Program requires public works coordination, work in city ROW, traffic control, environmental compliance, and various other points of interface.

In February 2018, FTA and VTA issued the Final SEIS/SEIR. On April 5, 2018, VTA's Board of Directors certified the Final SEIR and approved BSVII. On April 26, 2018, the BART Board of Directors accepted the SEIR and, pursuant to the Cooperative Agreement, approved BSVII. FTA issued a ROD on BSVII on June 4, 2018.

VTA's Consultant Team provides program management, engineering services and engineering support to VTA and is comprised of a Program Management Team (PMT) and a General Engineering Consultant (GEC). Currently, both the contracts are active. VTA's Consultant Team will support VTA through an annual integrated work program that sets the level of support and responsibilities based on Program development requirements. VTA is also procuring a Construction Management Services Consultant that, once selected, will become part of VTA's Consultant Team.

BSVII comprises of four major construction contract packages (CPs) that are being planned with different delivery methods. CP1 (Systems), CP3 (Newhall Yard and Santa Clara Station), CP4 (Underground Stations) are currently being in Design by the GEC. Construction delivery will be through Design-Bid-Build delivery method. CP2 (Tunnel and Trackwork) is also currently in design phase and being designed by KST. CP2 is being delivered through Progressive Design Build delivery method.

In June 2022, Kiewit Shea Traylor – A Joint Venture (KST) was selected as PDB contractor for CP2 and initiated design services. KST scope includes design and construction of a single bore tunnel with side-by-side trackways, internal concrete structures, portals, adits, support of excavation for underground stations, trackwork, procurement of a tunnel boring machine, demolition, utility relocations and other enabling works. CP2 contract interfaces with the three underground station facilities along the alignment and the CP2 contractor will be responsible for constructing the support of excavation and any required adits connecting the underground stations with the tunnel.

BSVII is a federally funded project in conjunction with the Federal Transit Administration (FTA). VTA initially entered New Starts Project Development with FTA in 2016. As of 2018, VTA advanced the BSVII project under FTA's Expedited Project Delivery (EPD) Pilot Program. The project was conditionally approved for an EPD grant and FTA issued a Letter of Intent (LOI) on September 21, 2021 that granted pre-award authority to incur costs for engineering activities, utility relocation, real estate acquisition, and construction. In mid-2022, VTA began exploring alternative funding strategies, including re-entering the New Starts Program. On October 18, 2022, through letters to the FTA Associate Administrator for Planning and Environment and Region IX Administrator, respectively, VTA simultaneously requested re-entry into New Starts Project Development (NSPD) and a Letter of No Prejudice (LONP) that would preserve elements of the pre-award authority for project activities provided for by the EPD LOI. FTA approved both requests on December 1, 2022.

As part of the re-entry to the New Starts Program, updated preliminary baseline data (scope, cost, schedule and risk) was developed that incorporated the CP2 Innovations, CP2 Contractor Stage 1 Baseline schedule, and the updated design-bid-build (DBB) contract packaging approach for CP1, CP3 and CP4. This BSVII preliminary baseline schedule (data date of August 1, 2023) was submitted to FTA to support the upcoming FTA risk workshop. FTA, PMOC, and the BSV team participated in a three-day Risk Workshop on January 16-18, 2024. VTA, BART, PMT, and GEC staff represented the BSV program. FTA is finalizing the risk assessment. Upon completion of FTA's risk assessment, the updated preliminary baseline schedule is anticipated to be adopted as the new Project Baseline Schedule. The preliminary baseline currently projects the revenue service date at Q4-2036 and the preliminary project budget at \$12.237B. The results of the FTA's in-process risk assessment may impact these baselines.

2 SCHEDULE SUMMARY

A new preliminary baseline schedule was developed reflecting the CP2 Innovations, the approved Stage 1 baseline schedule from the CP2 Contractor with updates, and the updated design-bid-build (DBB) contract packaging strategy for CP1, CP3 and CP4. This preliminary baseline schedule (data date of August 1, 2023) was submitted to FTA to support the FTA risk workshop.

Upon completion of FTA's risk assessment, the updated preliminary baseline schedule is anticipated to be adopted as the new Project Baseline Schedule.

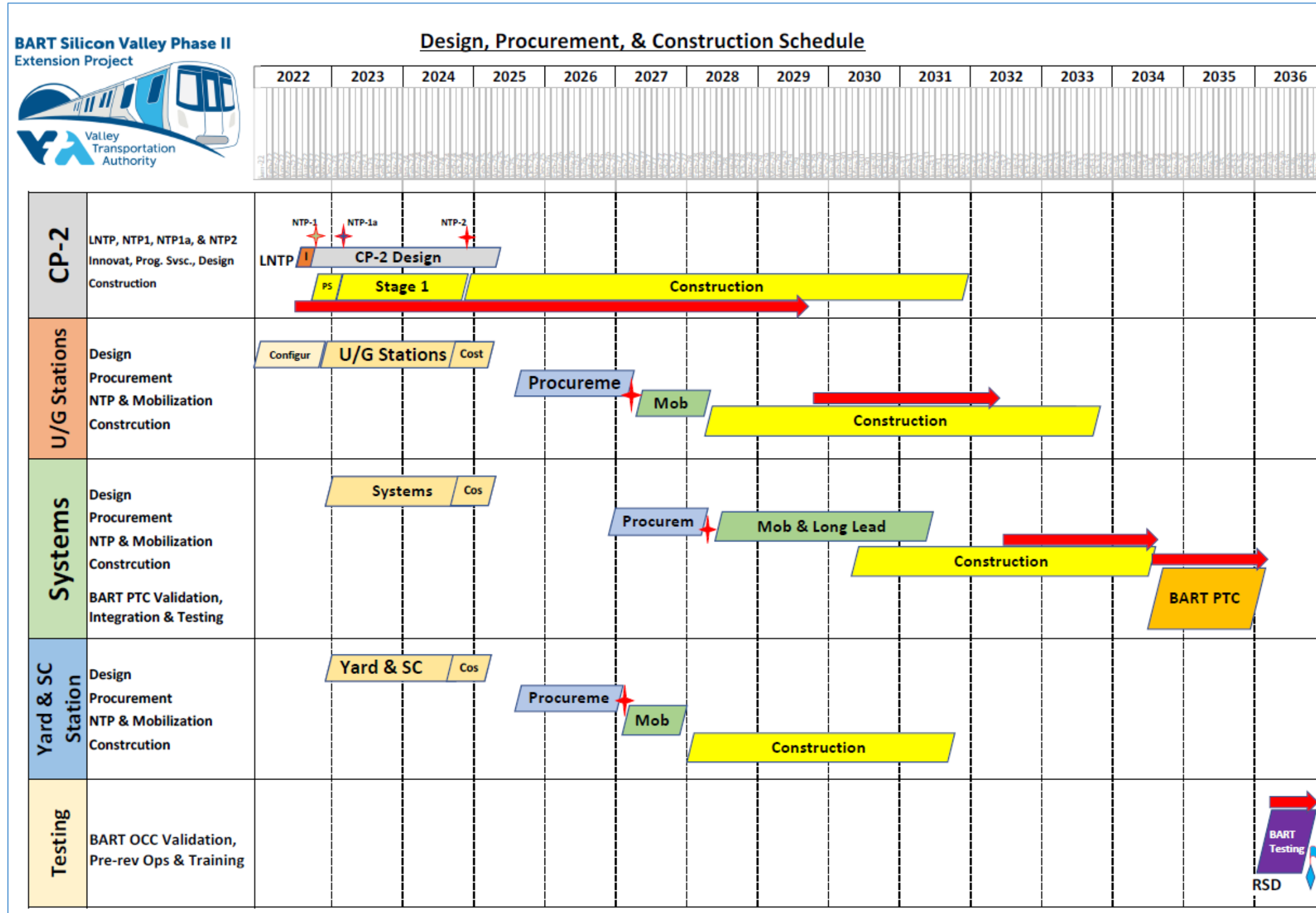
The BSVII Baseline Schedule is part of VTA's application to enter the New Starts Engineering Phase (currently scheduled late March/early April 2024). The January 2024 schedule update (February 1, 2024, data date) and preliminary February 2024 schedule updates (March 1, 2024) are being combined to form the new BSVII Baseline Schedule.

- a. Section 2.1 summarizes the overall Program schedule as of December 2023.
- b. Section 2.2 shows the key milestones for the program as of December 2023.
- c. Section 2.3 provides a high-level summary narrative update as of December 2023.



2.1 BSVII SUMMARY SCHEDULE

Figure 1 provides the summary schedule based on the December 2023 schedule update.



Legend:

- NTP: Notice to Proceed
- LNTN: Limited Notice to Proceed
- U/G: Underground
- CP2: Contract Package 2
- DBB: Design-Bid-Build
- Mob: Mobilization
- PTC: Project Testing/Commissioning
- OCC: Operations Control Center
- RSD: Revenue Service Date

Critical Path

Figure 1 – Program Summary Schedule

2.2 MILESTONE SUMMARY

Table 3 provides the key milestone dates based on the Current Month Forecast (Jan 1, 2024 data date) in comparison to the preliminary baseline schedule (as presented to VTA BOD in October 2023) and prior month forecast (Dec 1, 2023 data date). A summary narrative is provided in Section 2.3.

***NSB** indicates New Starts Basis as submitted to FTA in Q3 2022. Note that the CP's scope of work and delivery methods vary between the NSB and Preliminary Baseline information.

Table 3 – Milestone Summary as of December 2023

Milestone Name (Bolded Dates = Actuals)	NSB* (Q3 2022)	Preliminary Baseline Forecast (Q3 2023)	Last Month Forecast	Current Month Forecast
Programwide				
BSVII Project start (FTA's NSPD approval)		Q1 2016	Q1 2016	Q1 2016
VTA Board approval of BSVII		Q2 2018	Q2 2018	Q2 2018
BART Board approval of BSVII		Q2 2018	Q2 2018	Q2 2018
FTA Issued ROD		Q2 2018	Q2 2018	Q2 2018
Submit EPD grant request		Q2 2021	Q2 2021	Q2 2021
VTA received EPD LOI		Q4 2021	Q4 2021	Q4 2021
VTA request to leave EPD, Enter NSPD		Q4 2022	Q4 2022	Q4 2022
FTA Issuance of LONP to NSPD		Q4 2022	Q4 2022	Q4 2022
VTA Request to enter NSEE		Q3 2023	Q1 2024	Q1 2024
FTA Issue Entry into NSEE		Q1 2024	Q2 2024	Q2 2024
VTA Request to Execute FFGA	Q2 2023	Q2 2024	Q2 2024	Q2 2024
FFGA Execution	Q4 2023	Q4 2024	Q4 2024	Q4 2024
Start of BART OCC Validation	Q2 2032	Q1 2036	Q1 2036	Q1 2036
Revenue service start	Q1 2033	Q4 2036	Q4 2036	Q4 2036
CP2 - Tunnel and Trackwork				
CP2 LNTP	Q2 2022	Q2 2022	Q2 2022	Q2 2022
CP2 NTP1	Q3 2022	Q3 2022	Q3 2022	Q3 2022
CP2 NTP1A	Q1 2023	Q1 2023	Q1 2023	Q1 2023
CP2 NTP2	Q3 2024	Q4 2024	Q4 2024	Q4 2024
CP1 - Systems				
CP1 RFP Issue	Q1 2023	Q1 2027	Q1 2027	Q1 2027
CP1 NTP	Q4 2023	Q2 2028	Q2 2028	Q2 2028
CP3 - Newhall Yard and Santa Clara Station				
CP3 RFP Issue	Q1 2023	Q1 2026	Q1 2026	Q1 2026
CP3 NTP	Q3 2023	Q1 2027	Q1 2027	Q1 2027
CP4 - Underground Stations				
CP4 RFP Issue	Q2 2023	Q1 2026	Q1 2026	Q1 2026
CP4 NTP	Q2 2024	Q1 2027	Q1 2027	Q1 2027

2.3 SUMMARY NARRATIVE

Table 4 provides a high-level summary of the December 2023 monthly schedule update and description of high-level changes that occurred since the past month update.

Table 4 – December 2023 Monthly Schedule Update Summary

The VTA BSVII program schedule has been updated to reflect the Preliminary Baseline Schedule submission to FTA. The baseline schedule that was used as a basis to submit to FTA has been progressed with the Data Date of January 1, 2024.

The December 2023 Monthly Schedule Update indicates December 31, 2036, as the completion date (Revenue Service Date).

Critical path summary

The critical path was impacted this month. West Portal construction is on the critical path as of this reporting period. The following items below are on critical path as of this update:

1. West Portal enabling work (CP2)
2. TBM launch structure, excavation, and base slab (CP2)
3. TBM assembly, set up, and testing (CP2)
4. Tunnel mining from West Portal to DTSJ station (CP2)
5. DTSJ Station: Primary Headhouse heavy construction & Adits mining (CP2)
6. DTSJ Station: Primary Headhouse construction (CP4)
7. DTSJ Station: Primary Headhouse Systems (CP1)
8. BART PTC Validation / Testing
9. BART OCC Validation / Testing

The following items are near-critical as of this update:

1. CP2 – TBM procurement, fabrication, and shipping
2. CP2 – TBM power long lead procurement and installation

3 COST SUMMARY

A new preliminary baseline budget was developed reflecting the CP2 Stage 1 baseline, and the updated design-bid-build (DBB) contract packaging strategy for CP1, CP3 and CP4. This preliminary baseline budget (with expenditures through June 30, 2023) was submitted to FTA in October 2023, to support the January 2024 FTA risk workshop. Upon completion of the FTA's risk assessment, the updated preliminary baseline budget is anticipated to be adopted as the new Project Baseline Budget. Section 3.1, 3.2, 3.3 and 3.4 reflect the preliminary baseline budget information and relevant cost information through this reporting period.

3.1 SUMMARY COST REPORT

This section provides the summary cost report by Standard Cost Code (SCC) through this reporting period. Table 5 outlines the working summary budget by SCC, commitments in VTA's financial system of record (SAP) and forecasted expenditures as of this reporting period. Table 6 provides SCC 80 Preliminary Budget breakdown rounded to closest millions. Figure 2 outlines the draft cashflow by fiscal year based on the working budget submitted to FTA for the upcoming FTA risk workshop.

Table 5 – Summary Cost Report (in \$M) *

SCC (w/summary scope)	Preliminary Budget	Commitments	Actuals Paid	Accruals**
10 - GUIDEWAY & TRACK ELEMENTS (Includes West Portal, East Portal, TBM, Tunneling, Segmental Lining and Trackwork)	\$2,819	\$144	\$17	\$0
20 – STATIONS (All station costs, including rough grading, excavation, structures, enclosures, finishes, and equipment)	\$1,932	\$0	\$0	\$0
30 - YARDS, SHOPS (All yard and support facilities, including rough grading, excavation, support structures, finishes, and equipment, Yard track)	\$337	\$0	\$0	\$0
40 - SITEWORK & SPECIAL CONDITIONS (Enabling works, hazmat, environmental mitigation, site structures, landscaping, temporary facilities, Utility relocations by owners; Temporary TBM Power, Diridon Temporary Parking; other indirect costs)	\$568	\$29	\$8	\$0
50 - SYSTEMS (All train control and signals, traction power, communications, fare collection, and central control)	\$1,329	\$0	\$0	\$0
60 - ROW, LAND, EXIST. IMPROV.	\$241	\$115	\$110	\$0.2
70 - VEHICLES	\$201	\$0	\$0	\$0
80 - PROFESSIONAL SERVICES (incl. VTA, BART, Consultants (PMT, GEC, CM, others), OCIP, Third Parties, Legal, CP2 Design, IT, Office leases and other supporting costs)	\$2,779	\$893	\$684	\$50.2
90 - UNALLOCATED CONTINGENCY	\$1,550	\$0	\$0	\$0
100 - FINANCE CHARGES	\$481	\$0	\$0	\$0
TOTAL	\$12,237	\$1,181	\$820	\$50.4

Cost is rounded to closest millions

*Data excludes FTA ineligible/revised cashflow projections

**Accruals include invoices received that are under review and/or forecast of work performed but not yet invoiced

Table 6 – SCC 80 breakdown from Preliminary Budget (in \$M)*

SCC 80 breakdown	Preliminary Budget (in \$M)
Project Development, Engineering, and Final Design <i>(includes VTA, BART, Consultants, CP2 Design (by KST), Utility Owners Design)</i>	\$743
Project Management for Design and Construction; Construction Administration and Management <i>(includes VTA, BART, Consultants, Office costs, IT, Supporting costs)</i>	\$1447
Professional Liability Insurance and OCIP	\$426
Legal; Permits; Review Fees by other agencies, cities, Third Parties, etc.	\$75
Surveys, Testing, Investigation, Inspection <i>(includes VTA, BART, Consultants)</i>	\$26
Start up <i>(includes VTA, BART, Consultants)</i>	\$63
TOTAL	\$2,779

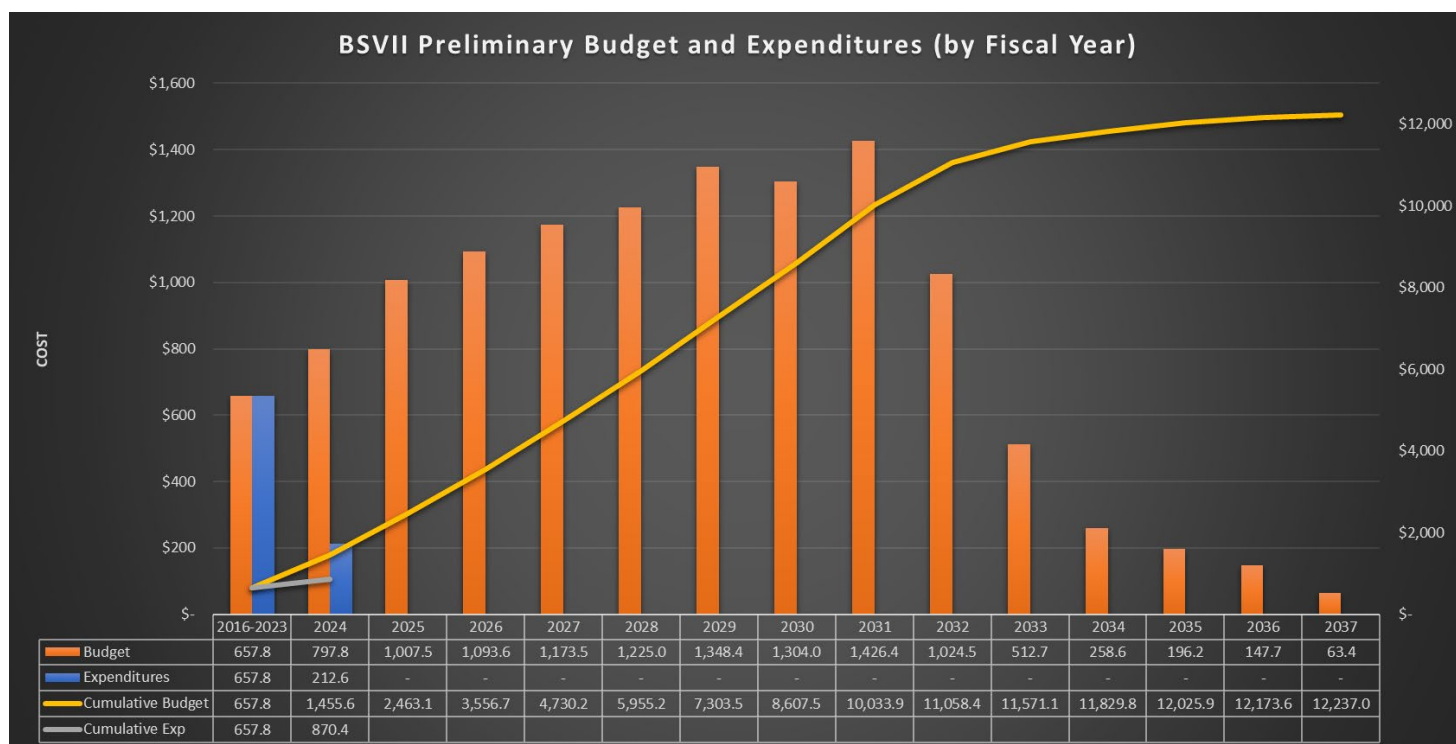


Figure 2 – Preliminary Budget and Expenditures by Fiscal Year*

3.2 BUDGET TRANSFERS AND CONTINGENCY UPDATES

This section was not updated for this period. It will be updated as soon as the new baseline budget is finalized.

3.3 ACTIVE CONTRACTS

During the month of January 2024, no major contracts and amendments were executed, that were over a million dollars. Table 7 provides a list of major active contracts and Table 8 provides a list of other active contracts. Appendix A provides the subconsultants and subcontractors for the Major Active Contracts identified in Table 7.



Table 7 – Major Active Contracts

Contract No.	Vendor Name	Description	Contract Value
V22021	Kiewit Shea Traylor Joint Venture	BSVII CP2 Tunnel and Trackwork PDB Contractor	\$380.8M
S17017	HNTB/PB Joint Venture,	BSVII Program Management Services	\$191.6M
S18088	MMW Joint Venture,	BSVII General Engineering Services	\$342.8M

Table 8 – Other Active Contracts

Contract No.	Vendor Name	Description
P20071	Insight Public Sector Inc,	BSVII CISCO SMARTNET
S16043	Hexagon Transportation, Consultants	TRAFFIC FORECASTING SERVICES
S18202	Comcast Cable Communications Mgmt.,	BSVII COMCAST VOIP INSTALLATION & CONFIG
S18210	Kastle Systems of Los Angeles, Par	BSVII CARD READERS FOR GATEWAY 2033
S18230	State Water Resources Control Board	BSVII COST RECOVERY OVERSIGHT
S19216	JRP Historical Consulting LLC,	BSVII HISTORICAL ARCHITECTURAL SERVICES (On Call)
S20020	Transit Project Strategies LLC,	BSVII PROGRAM DELIVERY CONSULTING SVCS
S20134	JH Albert International Insurance,	BSVII OCIP FEASIBILITY STUDY SERVICES
S20161	Nossaman LLP,	BSVII CONTRACT DEV & PROGRAM LEGAL ADV
S20248	Peninsula Corridor, Joint Powers Bo	BSVII COOPERATIVE AGREEMENT
S20250	Dodge Data & Analytics,	BSVII PO FOR ADVERTISING SOLICITATIONS
S21023	Kiefer Consulting Inc,	BSVII TECHNOLOGY PROFESSIONAL SERVICES
S21171	Lubin Olson & Niewiadomski LLP,	BSVII LUBIN OLSON & NIEWIADOMSKI LLP
V21080	PEACOCK ENTERPRISES INC., DBA PEACO	BSVII ADOBE SOFTWARE LICENSES
V21113	Montague Premier Inc,	BSVII PROJECT VEHICLES CAR WASHES
V21220	Kastle Systems of Los Angeles, Par	BSVII ACCESS CONTROL/CCTV 2830 DELACRUZ
V21225	DLT Solutions LLC, DLT Solutions	BSVII AUTODESK AEC LICENSES
V21236	City of San Jose,	BSVII MOU TO CONSULT AND COOPERATE
V21216	Santa Clara City of, Finance Depart	BSVII MOU TO CONSULT AND COOPERATE
V21263	Pacific Gas & Electric Company,	BSVII TEMPORARY POWER STUDY
V21264	Pacific Gas & Electric Company,	BSVII TUNNEL IMPACT STUDY
V21339	Sprint, Sprint Solutions Inc	SPRINT UTILITY RELOCATION
V21345	Consultant Specialists Inc,	BSVII IT STAFFING
V21346	Environmental Systems Research, Ins	BSVII ARCGIS LICENSES
V21355	Synergy Corporate Technologies, Ltd.	BSVII NINTEX WORKFLOW ENTERPRISE EDITION
V21366	Perforce Software, Inc.,	BSVII HELIX REQUIREMENTS MANAGEMENT
V21367	DLT Solutions LLC, DLT Solutions	BSVII AUTODESK BIM 360 SUBSCRIPTION
V22016	San Jose Water Company,	BSVII SJWC FACILITY RELOCATIONS
V22171	HDR Engineering Inc,	BSVII FINANCIAL MODELING SUPPORT
V23045	Union Pacific Rail Road	PRELIMINARY ENGINEERING
V21238	PEACOCK ENTERPRISES INC., DBA PEACO	BSVII BLUEBEAM REVU EXTREME OPEN LICENSE



Contract No.	Vendor Name	Description
S16050	Meyers Nave, A Professional Corpora	BSVII PHASE II LEGAL SERVICES
S18313	Hanson Bridgett LLP,	BSVII DESIGN BUILD LEGAL SERVICES
V21216	CVE Contracting Group Inc.	LAS PLUMAS ABATEMENT AND DEMOLITION
V22188	Mythics, Inc,	ORACLE ACONEX Document Control Software
V23009	PEACOCK ENTERPRISES INC., DBA PEACO	BSV II- HPE Hardware & Software Support
V23017	Cushman & Wakefield	Commercial Broker to Sublease Gateway Offices
V23104	Insight Public Sector, Inc.	Workflow Management System
P18240	PCMG Inc,	BSVII PROJECT OFFICE DESKTOP COMP
S20166	San Francisco Bay Area Rapid, Trans	BSVII BART IMPLEMENTATION LETTER #43
V21150	Insight Public Sector, Inc.,	BSVII SOPHOS INTERCEPT X
V22239	Insight	DTV CCTV RECORDER
V22240	SHI	DTV CCTV SWITCH

3.4 FUNDING SUMMARY

This section was not updated this period. It will be updated as soon as the new baseline budget is finalized.

4 CHANGE SUMMARY

This section outlines configuration changes at the program level and CP2 contract amendment status.

4.1 CONFIGURATION CHANGES

All the prior configuration changes have been superseded by the preliminary baseline submittal to FTA. No configuration changes (in reference to the preliminary baseline information) were executed in the month of January 2024.

Status of Configuration Changes are shown in Table 9.

Table 9 – Configuration Changes

CCS-ID	CCS - Title	Status	CP*	RSD impacts	Net Budget Impact
NSEE-001	Approved Value Engineering Concepts	In Process	PWD	TBD	TBD

*CP = Contract Package (CP1, 2, 3, 4, or PWD-Program-Wide)

4.2 CP2 CONTRACT AMENDMENTS

No CP2 Contract amendments were executed in the month of January 2024.

Status of identified amendments is reflected in Table 10.

Table 10 – CP2 Contract Amendments

Amendment-ID	Scope	Status	Schedule impacts	Overall Budget Impact	Estimated Value
001	TBM Procurement (EWP 1A)	Executed	No impact as the new baseline schedule/budget will have these incorporated as part of the baseline.		\$144M
002	Additional Design Funds	Under final execution stage			\$43M
003	EWP 3A, 7A, 11A, Stage 1 Bond	Under final execution stage			\$110M
004	EWP 3C – LNTP	In development	TBD	TBD	TBD

5 RISK SUMMARY

This section covers the summary risk updates as of the January 2024 reporting period. During this reporting period, no new risks were added, and no active risks were retired, resulting in no change to the overall number of active risks, as summarized in Table 11.

Table 11 – Risk Summary

Risk Category	As of Dec 31, 2023	As of Jan 31, 2024	Change
High	16	16	0
Med	56	56	0
Low	31	31	0
Total Risks	103	103	0

Figure 3 is the active risk heat map based on updates through this reporting period.

		Risk Heat Map					Active Risks	
Probability	Very High	0	0	1	0	0	16	High
	High	0	1	3	0	1	56	Medium
	Medium	0	0	4	9	0	31	Low
	Low	8	21	18	6	2		
	Very Low	5	11	7	4	2	103	Total
		1	2	3	4	5		
		Very Low	Low	Medium	High	Very High		
		Threat Impact Level						

Figure 3 – Risk Heat Map

Table 12 shows the top risks (threats and opportunities) identified in the current risk register.

Table 12 – Top Risks

Risk ID	Risk Title	Threat/Opportunity	Action Plan
BSV-203	Timely readiness and cost of the West Portal TBM launch facility	Threat	Explore limited NTP for KST to start construction.
BSV-211	Opportunity for eliminating DTSJ Secondary Headhouse	Opportunity	Implement the approved VE and realize savings as part of 60% design estimate
BSV-005	Unanticipated damage to historic buildings, critical utilities & other structures	Threat	KST to develop instrumentation and monitoring programs for sensitive structures. VTA to support KST in obtaining access as appropriate.
BSV-029	VTA financial capacity / funding plan to finance potential future project cost increases	Threat	Update the financial plan following completion of cost estimates and agreement with FTA on project cost.
BSV-036	General construction labor shortage / labor premiums	Threat	Continue to monitor economic trends and impacts; increase industry outreach efforts.
BSV-096	Testing and Commissioning delays due to various factors	Threat	Schedule include 28 months (incl. allowances). Implement Phase 1 lessons learned.

6 OTHER UPDATES

6.1 KST (CP2 PDB) CONTRACT SUMMARY

Table 13 outlines the Cost summary of CP2 Contractor.

Table 13 – CP2 (KST) Cost Summary as of January 2024

Item	Cost (in \$M)
Original Contract Value (Stage 1 only)*** (A)	\$236.5
Amendments issued to Date (B)	\$144.2
Revised Contract Value (Stage 1 only)*** (C) =(A)+(B)	\$380.8
Expenditures this period*	\$11.2
Expenditures to Date* (D)	\$219.0
Remaining Authorization Value** (C) - (D)	\$161.7

*Expenditures include approximate accrual values that are not yet approved by VTA and are subject to change.

**Remaining Authorization Value is subject to change based on expenditure approximations.

***Includes \$1.585M Stage 1 Bond Value that is yet to be amended to the contract value.

6.2 RIGHT OF WAY (ROW)

Table 14 – Real Estate Status Summary below provides a high-level summary of the acquisition status as of end of January 2024.

Table 14 – Real Estate Status Summary

PROJECT ACQUISITION STATUS					
Description	Total	Possession Obtained	Parcels in Acquisition Process	Relocation****	
				Required	Completed
SUMMARY OF REQUIRED TAKES					
Total Parcels: 75*	75	25	50	38	10
Type of Take: Quantity					
BPE** & Other Takes	5	0	5	3	0
Full Fee	7	5	2	15	10
Other Multiple Takes (Easement/Fee)	4	1	3	16	0
Tunnel Easement	44	18	26	0	0
Roadway Easement	3	0	3	0	0
Utility Easement	4	0	4	0	0
Temporary Construction Easement	8	1	7	4	0

* Six Building Protective Easements were removed due to elimination of DTSJ Secondary HH; pending Property Protection

** BPE: Building Protective Easements - Parcels have additional acquisitions, such as Tieback Easement

*** Total includes two parcels removed from the elimination of DTSJ Secondary HH

**** Represents total tenants not parcels

6.3 UTILITIES

Figure 4 outlines the summary status of Utility Relocations.

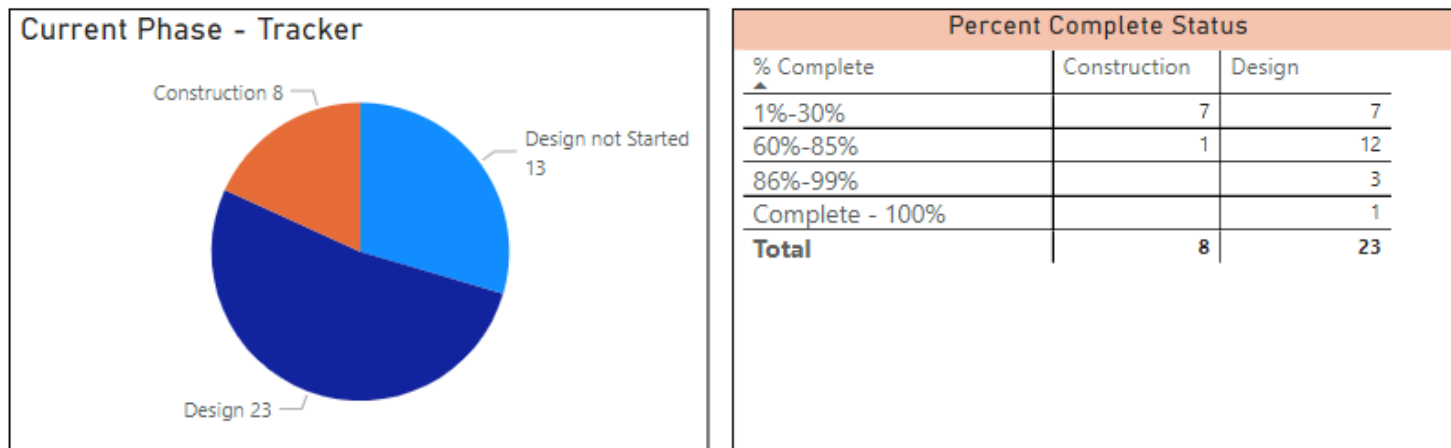


Figure 4 – Utilities Summary

6.4 THIRD PARTY AND PERMITS

Within a total of 43 identified third-party agreements, 35 agreements have been executed with the respective agencies. Of the remaining eight agreements, five are operation and maintenance (O&M) agreements that are not required to support BSVII construction; one is Construction and Maintenance (C&M) agreement with UPRR. As such, they are forecast to be executed in several years. Table 15 outlines the summary status of the remaining two Third-Party Agreements that are yet to be executed.

Table 15 – Third Party Agreements Status (excl. O&M)

Agency/Third Party	Agreement Type	Forecast execution	Update
Union Pacific Railroad (UPRR)	Final Engineering Cost Reimbursement	Q1 2024	VTA is working with UPRR legal counsel.
San Jose Water Company	28 th Street Station Water Relocation	Q1 2026	This is a non-critical agreement. Coordination of Notice to Owner (NTO) for design is anticipated to begin after 60% design at 28 th Street Station.

6.5 PMT CONTRACT SUMMARY

Table 16 shows the HNTB-WSP Contract Summary and executed Task Orders to date.

Task Order Number	Task Order Status	Period Start and End	Authorized Task Orders/Final Commitments	Incurred to Date	Incurred / Forecast* (Per Task Order)	Incurred / Forecast* (Cumulative)	\$17017 Contract Balance based on Forecast*
All Costs in Millions and rounded							
\$17017 Contract Value:		\$	191.6				
Task Order 1	Closed	Nov 2017 to Jun 2018	\$ 18.2	\$ 18.2	\$ 18.2	\$ 18.2	\$ 173.3
Task Order 2	Closed	Jul 2018 to Jun 2019	\$ 25.7	\$ 25.7	\$ 25.7	\$ 44.0	\$ 147.6
Task Order 3	Closed	Jul 2019 to Oct 2020	\$ 29.1	\$ 28.8	\$ 29.1	\$ 73.0	\$ 118.5
Task Order 4	Closed	Nov 2020 to Aug 2021	\$ 17.8	\$ 17.7	\$ 17.8	\$ 90.8	\$ 100.8
Task Order 5	Closed	Aug 2021 to Jun 2022	\$ 15.6	\$ 15.6	\$ 15.6	\$ 106.4	\$ 85.2
Task Order 6	Completed. Pending closure	Jul 2022 to Feb 2023	\$ 12.9	\$ 12.4	\$ 12.4	\$ 118.7	\$ 72.8
Task Order 7	Completed. Pending closure	Feb 2023 to Jun 2023	\$ 15.0	\$ 10.0	\$ 10.0	\$ 128.7	\$ 62.9
Task Order 8*	Completed. Pending closure	July 2023 to Dec 2023	\$ 26.3	\$ 17.5	\$ 18.0	\$ 146.7	\$ 44.9
Task Order 9	In Progress	Jan 2024 to Jun 2024	\$ 30.5	\$ 2.6	\$ 30.5	\$ 177.2	\$ 14.4
	Remaining Contract Balance	Jul 2024 - Oct 2024			TBD	TBD	\$ 14.4
\$17017 Contract Total:			\$ 191.1	\$ 148.4		\$ 177.2	\$ 14.4

* Forecast is projected and subject to change

Table 16 – Program Management Team Contract Summary

6.6 GEC CONTRACT SUMMARY

Table 17 shows the MMD-PGH Wong Contract Summary and executed Task Orders to date.

Task Order Number	Task Order Status	Period Start and End	Authorized Not to Exceed amount	Incurred to Date	Incurred / Forecast* (Per Task Order)	Incurred / Forecast* (Cumulative)	\$18088 Contract Balance
All costs are rounded to closest millions							
\$18088 Contract Value:		342.76					
Task Order 1	Closed	Apr 2019 to Jun 2019	\$ 3.4	\$ 3.4	\$ 3.4	\$ 3.4	\$ 339.3
Task Order 2	Closed	Apr 2019 to Jan 2021	\$ 35.9	\$ 35.9	\$ 35.9	\$ 39.3	\$ 303.4
Task Order 3	Closed	Aug 2019 to Sep 2020	\$ 1.5	\$ 1.5	\$ 1.5	\$ 40.8	\$ 301.9
Task Order 4	Closed	Mar 2020 to Oct 2020	\$ 20.7	\$ 20.7	\$ 20.7	\$ 61.5	\$ 281.2
Task Order 5	Closed	Nov 2020 to Aug 2021	\$ 46.5	\$ 46.5	\$ 46.5	\$ 108.1	\$ 234.7
Task Order 6	Closed	Dec 2020 to Aug 2021	\$ 0.6	\$ 0.6	\$ 0.6	\$ 108.7	\$ 234.1
Task Order 7	Closed	Aug 2021 to Jun 2022	\$ 37.9	\$ 37.9	\$ 37.9	\$ 146.6	\$ 196.1
Task Order 8	Completed. Pending closure	Apr 2022 to Jun 2023	\$ 0.9	\$ 0.9	\$ 0.9	\$ 147.5	\$ 195.2
Task Order 9	Completed. Pending closure	Jul 2022 to Dec 2022	\$ 17.3	\$ 17.3	\$ 17.3	\$ 164.8	\$ 178.0
Task Order 10	Completed. Pending closure	Jan 2023 to Jun 2023	\$ 32.2	\$ 30.2	\$ 30.2	\$ 195.0	\$ 147.8
Task Order 11	In Progress	Jul 2023 to Mar 2024	\$ 66.1	\$ 37.2	\$ 66.1	\$ 261.1	\$ 81.7
Task Order 12	In Progress	Sep 2023 to Oct 2023	\$ 0.04	\$ 0.04	\$ 0.04	\$ 261.1	\$ 81.7
	Remaining Contract Balance	March 2024 to Dec 2026			TBD	TBD	\$ 81.7
\$18088 Contract Total:			\$ 263.1	\$ 232.2	\$ 261.1	\$ 261.1	\$ 81.7

* Forecast is projected and subject to change.

Table 17 – General Engineering Consultant Contract Summary

APPENDIX A – MAJOR CONTRACTS SUBCONSULTANTS LIST

S17017 – HNTB+PB Joint Venture EXHIBIT D, Revision 5 APPROVED SUBCONTRACTORS

(New subcontractors listed in Green)

FIRM	ADDRESS	AREA OF RESPONSIBILITY	DBE
Aldea Services*	5940 Frederick Crossing Lane Suite 101 Frederick, MD 21704	Underground Construction Risk.	
Abtahi Engineering Management Consulting	7 El Caminito Orinda, CA, 94563-2301 Phone: (925) 525-7565	Third Party Agreements & Permits	
BKF Engineers	1730 N. First Street, Suite 600 San Jose, CA 95112 Phone: (408) 467-9140	Utility Coordination	
Business Models, Inc.	1049 Market Street #608 San Francisco, CA 94103	Co-Innovation workshop design & facilitation	
Capital Project Strategies, LLC	873 Old Holly Dr. Great Falls, VA 22066	DB Procurement and Public Private Project Strategy	
Construction Engineering Consulting Group, Inc.	Mailing Address: PO Box 3279 Chico, CA 95927 Office Address: 1550 Humboldt Rd., Suite 5 Chico, CA 95928 Phone: (925) 548-7476	Construction Contract Advisory Panel	
Coppersmith Consulting, Inc.	2121 N. California Blvd., #290, Walnut Creek, CA 94596 Phone: (925) 974-3335	Structural Geological Specialist	
Cordoba Corporation	461 Second Street, Suite 454T San Francisco, CA 94107 Phone: (562) 587-1031	Project Controls Support	X
David Klahr Consulting, Inc.	7205 Galgate Dr. Springfield, VA. 22153	Emerging transportation business case assessment, procurement methods, and adoption strategies, and monetization and value capture alternatives	
DEENSCORP	2175 The Alameda, Suite 100 San Jose, CA 95126 Phone: (408) 345-3860	Civil Engineering	X
DTA	5000 Birch St., Suite 6000 Newport Beach, CA 92660 Phone: (949) 955-1500	Financial Data	
Ed Cording	119 W. Huntingdon Street Savannah, GA 31401 Phone: (217) 369-7122	Tunneling Peer Review	



VTA's BART SILICON VALLEY PHASE II EXTENSION PROJECT
VTA BSVII Executive Monthly Progress Report

FIRM	ADDRESS	AREA OF RESPONSIBILITY	DBE
Elle Consultants**	1536 Barcelona Dr El Dorado Hills, CA 95762	Cost Estimating Services	
Gall Zeidler Consultants	1990 N. California Blvd, 8th Floor Walnut Creek, CA 94596 Phone: (646) 206-1606	Tunneling Peer Review	
Gayln Rippentrop	PO Box 89321 Sioux Falls, SD 57109	Construction Methodologies Expert Consultant, Cut & Cover Workshops	
GDC Constructors, Inc.	4204 Brynwood Dr. Naples, FL 34119 Phone: (239) 289-2901	Construction Methodologies Expert Consultant, Cut & Cover Workshops	
Gregg Korbin	1167 Brown Avenue Lafayette, CA 94549 Phone: (925) 284-9017	Tunneling Peer Review	
Hexagon Transportation Consultants	100 Century Center Court, Suite 501 San Jose, CA 95112 Phone: (408) 971-6100	Traffic Engineering	
Intueor Consulting, Inc.	7700 Irvine Center Dr., Suite 470 Irvine, CA 92618 Phone: (949) 753-9011	Project Controls Team Augmentation, Cost Control, Analysis & Scheduling Services	X
Jim Rollings	2311 Greenwood Avenue Wilmette, IL Phone: (312) 953-0508	Strategic Advisory Panel	
JCK Underground, Inc.	25 Dorchester Avenue, #51549 Boston, MA, 02205 Phone: (857) 294-1317	Strategic Advisory Panel	
Jensen Hughes*	10170 Church Ranch Way, Suite 200 Westminster, CO 80021	Accessibility Consulting Services	
Joe Urbas	925 Kirby Drive Fort Mill, SC 29715 Phone: (360) 430-2393	Fire Life Safety Expert Consultant	
John Gaul	331 Isabella Ave. Staten Island, NY 10306-4555	BART Operations Expert Consultant	
Josephine's Professional Staffing	2158 Ringwood Avenue San Jose, CA 95131 Phone: (408) 943-0111	Document Control, Administrative Support	X
Keish Environmental	6768 Crosby Court San Jose, CA 95129 Phone: (408) 592-0223	Environmental Compliance	X
Kimley-Horn Associates	401 B Street #600 San Diego, CA 92101 Phone: 650237.9651	Public Relations & Outreach	
KivettConsult	5600 Wisconsin Ave. Apt 1209 Chevy Chase, MD 20815	Station & Tunnel Ventilation Design	
KTW Consulting LLC	160 Marietta Drive San Francisco, CA 94127 Phone: (510) 368-1776	Rail Systems Consulting	
Lettis Consultants International, Inc.	1981 N. Broady, Ste. 330 Walnut Creek, CA 94596 Phone: (925) 482-0360 x202	Environmental Compliance	

FIRM	ADDRESS	AREA OF RESPONSIBILITY	DBE
Markus Thewes	Ruhr-University Bochum Universitaetsstr 150, IC 6-127, 44801 Bochum, Germany Phone: +49 234 32 28061	Tunneling Peer Review	
Michael Glikin	135 Ocean Parkway 2M Brooklyn, New York 11218	BSV Ph II independent fleet and storage requirements assessment	
The National Constructors' Group	635 Chaparral Circle P.O. Box 2890 Napa, CA 94558-0537	Constructability Review, Estimate Review	
NorCal Geophysical Consultants, Inc.	321 Blodgett St. Suite A Cotati, CA 94931 Phone: (707) 796-7170	Geophysics Surveying and Testing	
Parikh Consultants, Inc.	1497 N Milpitas Blvd, Milpitas, CA 95035 Phone: (408) 452-9000	Geotechnical	X
Quality Engineering, Inc.	Quality Engineering, Inc. 1281 30th Street, Suite 100 Oakland, CA 94608 Phone: (510) 377-6050	Project Quality Consulting & Services	X
RailPros, Inc.	15265 Alton Pkwy, Suite 140 Irvine, CA 95618	Represent VTA's Interests in meetings with Union Pacific	
RHA, LLC	6677 West Thunderbird Suite K183 Glendale, AZ 85306	Facilitation of Value Engineering Methodologies	X
Richard A. Sage, LLC	18624 116th Street, SE Snohomish, WA 98290 Phone: (425) 530-7823	Construction Methodologies Expert Consultant, Cut & Cover Workshops	
Richard F. Clarke	9391 Painted Canyon Circle Littleton, CO 80129 Phone: (303) 653-2475	Independent Peer Review Panel Member	
Singer Associates, Inc.	47 Kearny Street, 2nd Floor San Francisco, CA 94108 Phone: (415) 227-9700	Public Relations & Outreach	
Sunrise Pacific	460 Center Street, Suite 6168 Moraga, CA 94570 Phone: (925) 247-4266	Controls Support	X
TechTU Business Solutions, Inc.	4900 Hopyard Road, Suite #100 Pleasanton, CA 94588 Phone: (925) 468-4174	Document Control, Administrative Support	X
Transportation Technology Center, Inc.	55500 DOT Road Pueblo, CO 81001 Phone: (719) 585-1811	BART Infrastructure, practices and operations	
Underground Command & Safety, LLC	23415 67 Lane SW Vashon, WA 98070 Phone: (206) 940-9177	Fire Load & Incident Response Expert Consultant	
WRECO	1243 Alpine Road, Suite 108 Walnut Creek, CA 94596 Phone: (925) 941-0017 X201	Hydraulics and Hydrology	X

* Effective Date November 1, 2023

** Effective Date August 1, 2023.

**CONTRACT S18088 – MMW Joint Venture
EXHIBIT F-4 APPROVED MMW
SUBCONTRACTORS**

Firm Name	Address	DBE or SBE Certification	Discipline
3Vi, Inc.	2603 Camino Ramon, Suite 200 San Ramon, CA 94583	DBE/SBE	Electrical Engineering
Alliance Engineering Consultants, Inc.	4701 Patrick Henry Drive, Bldg. 10 Santa Clara, CA 95054	DBE/SBE	Electrical Engineering
Anil Verma Associates, Inc.	1970 Broadway, Ste #668 Oakland, CA 94612	DBE/SBE	Architectural Design
Acoustic Strategies, Inc. (ATS)	215 N. Marengo Ave., Ste# 100 Pasadena, CA 91101	SBE Only	Noise/Vibration
BA Inc.	555 W 5th St. Suite 35th floor Los Angeles, CA 90013	DBE/SBE	General Engineering Resource
Bennett Engineering Services	1082 Sunrise Avenue, Suite 100 Roseville, CA 95661	DBE/SBE	Traffic Engineering
Biggs Cardosa Associates	865 The Alameda San Jose, CA 95126	None	Structural Engineering
CPM Associates, Inc.	65 McCoppin Street San Francisco, CA 94103	SBE Only	Project Controls
Corrpro Companies, Inc.	20991 Cabot Blvd Hayward, CA 94544	None	Corrosion Engineering Services
Fehr & Peers	160 W. Santa Clara Street, Ste #675 San Jose, CA 95113	None	Station Circulation and CTMP
FMG Architects	330 15 th Street Oakland, CA 94612	DBE/SBE	Architectural Design
Foster + Partners	1000 Sansome Street, Ste #240 San Francisco, CA 94111	None	Architectural Design
GeoPentech, Inc	101 Academy, Ste # 100 Irvine, CA 92617	SBE Only	Geotechnical Engineering
Gregg Drilling, LLC	950 Howe Road Martinez, CA 94553	None	Geotechnical Exploratory Drilling

Firm Name	Address	DBE or SBE Certification	Discipline
HMH Engineers	1570 Oakland Road San Jose, CA 95131	SBE Only	Survey Utilities
JCL Consulting Group	93 Wapello Street Altadena, CA 91001	DBE/SBE	Community/Business Outreach Specialist
Josephine's Professional Staffing, Inc.	2158 Ringwood Avenue San Jose, CA 95131	DBE/SBE	Administrative/ Project Management Augmentation
Krebs Corporation	1840 Sun Peak Dr., Suite B-102 Park City, UT 84098	None	Estimating
Lamoreaux Associates, Inc.	2686 North 775 West Cedar City, UT 84721	SBE Only	Systems Design
Lerch Bates, Inc.	9780 S. Meridian Blvd Suite 450 Englewood, CO 80112	None	Vertical Transport Consultant
Merrill Morris Partners	249 Front Street San Francisco, CA 94111	DBE/SBE	Landscape Architect
MxV Rail	350 Keeler Parkway Pueblo, CO 81001	None	Trackwork Design Advisor
NORCAL Geophysical Consultants, Inc.	321A Blodgett Street Cotati, CA 94931	None	Geotechnical/Geophysical Logging Survey
Parikh Consultants, Inc	2360 Qume Drive, Suite A San Jose, CA 95131	DBE/SBE	Geotechnical Services
Pitcher Services, LLC	218 Demeter Street East Palo Alto, CA 94303	None	Geotechnical Exploratory Drilling (Contractor)
Robin Chiang & Company	381 Tehama Street San Francisco, CA 94103	DBE/SBE	Architectural Design
Ross Infrastructure Development	555 4th St. Ste #927 San Francisco, CA 94107	None	TOJD Project Elements
Schaaf & Wheeler	4699 Old Ironsides Rd. , Ste. 350, Santa Clara, CA 95054	SBE	Hydrology Services
SOHA Engineers	48 Colin P. Kelly Jr. Street San Francisco, CA 94107	DBE/SBE	Structural Engineering
STV Incorporated	505 14 th Street, Suite 1060 Oakland, CA 94612	None	A/E design services – NMF, Santa Clara Station



Firm Name	Address	DBE or SBE Certification	Discipline
Sunrise Pacific, Inc.	PO BOX 6168 Moraga CA 94556	DBE/SBE	General Engineering Services
TEC-Cuatro S.A.	Lepant, 350, 3º, 08025 Barcelona, Spain	None	Technical Advisor
Virtual Engineering & Construction (VEC)	388 Market St. Suite 1300 San Francisco, CA 94110	SBE	BIM/Digital Delivery Support
VSCE, Inc.	1610 Harrison Street, Suite E West Oakland, CA 94612	DBE/SBE	General Engineering Services
Walker Consultants	601 California Street, Suite 820 San Francisco, CA 94108	None	PE/Design for Parking Garages
Wilson Ihrig	6001 Shellmound Street Suite 400 Emeryville, CA 94608	SBE	Acoustics, Noise and Vibration
WriteRight Technical Communications	3511 West 10th Avenue, Vancouver, British Columbia, Canada, V6R 2E9	None	Technical Writing/Specifications
YEI Engineers, Inc.	7677 Oakport Street, Suite 200 Oakland, CA 94621	DBE/SBE	M&P Engineering Services
Dr. Youssef Hashash	1803 Golfview Drive Urbana, Illinois 61801	None	Geotechnical Advisor
Budlong Inc.	44853 Fremont Blvd. Fremont, CA 94538	DBE	M&P Engineering Services

Contract V20210
VTA's BART Silicon Valley Phase II Extension: Contract Package 2 – Tunnel and Trackwork
KST Joint Venture
List of Prime Contractors and Key Subcontractors

Prime Contractors:

FIRM	ADDRESS	AREA OF RESPONSIBILITY
Kiewit Infrastructure West Co.	4650 Business Center Drive, Fairfield, CA 94534	Design-Builder
J.F. Shea Construction, Inc.	667 Brea Canyon Rd, Suite 30, Walnut, CA 92789	Design Builder
Traylor Bros., Inc..	835 N. Congress Ave., Evansville, IN 47715	Design Builder

Construction Subcontractors:

FIRM	AREA OF RESPONSIBILITY
Malcolm Drilling Company, Inc.	Slurry Walls West Portal (Partial) West Retaining Cut - Stockton Avenue Mid Tunnel Facility (Partial)
Keller North America, Inc.	Ground Improvement Downtown San Jose Station Headhouse (Partial) Downtown San Jose Station – 2nd Entrance (Partial) Downtown San Jose Station – East Vent & Egress (Partial) Diridon Station Headhouse (Partial) White Street Egress Structure (Partial) Autumn Street Egress Structure (Partial)
Kiewit Foundations Co.	Foundations West Portal (Partial) West Retaining Cut- Stockton Avenue Mid Tunnel Facility (Partial) Downtown San Jose Station Headhouse (Partial) Downtown San Jose Station – 2nd Entrance (Partial) Downtown San Jose Station – East Vent & Egress (Partial) Diridon Station Headhouse (Partial) White Street Egress Structure (Partial) Autumn Street Egress Structure (Partial)
Cupertino Electric, Inc.	Temporary Electrical Services Electrical Design Services Permanent Electrical Work
Mass. Electric Construction Company	Temporary Electrical Services Electrical Design Services Permanent Electrical Work
Herrenknecht Tunnelling Systems USA, Inc.	EWP 9

Design Subcontractors:

FIRM	AREA OF RESPONSIBILITY
Kiewit Infrastructure Engineering	Design Management and Discipline Engineering
ARUP	Tunnel and Underground Design including EWP 1 & 2
Shannon Wilson	Geotechnical
JMA Civil, Inc	EWP 3
RSE Corporation	EWP 5