Transbay Downtown Rail Extension Project, Phase 2

Transbay Joint Powers Authority (TJPA) San Francisco, CA

June 2023

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OPs Referenced: OP25



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1.0 EXECUTIVE SUMMARY

1.1 Project Description

The Transbay Joint Powers Authority (TJPA) proposes to extend the Caltrain commuter rail line 2.4 miles from the China Basin/South Park neighborhood near the current Caltrain terminus at Fourth and King Streets to the multi-modal Salesforce Transit Center in downtown San Francisco. The Project's proposed Fourth and Townsend Street station is near Oracle Park, the home of the San Francisco Giants baseball team. The project's current estimated capital cost is \$6,987 million. The TJPA believes that the project, known as the Transbay Downtown Rail Extension Project, Phase 2 (Transbay DTX), will improve public access to bus and rail service and accommodate projected growth in travel demand in the San Jose–San Francisco corridor. The proposed Project will connect Caltrain's regional rail system to the Salesforce Transit Center in downtown San Francisco, along with the future California High-Speed Rail Authority's statewide rail system.

1.2 Project Status

The Locally Preferred Alternative (LPA) was completed in March 2003, and NEPA was completed in February 2005 with a Record of Decision (ROD). FTA amended the ROD in July 2019, and the LPA was adopted into the region's fiscally constrained long range transportation plan in October 2021. The Project plans to formally request FTA approval to Enter Engineering in February 2023 and anticipates FTA approval in August 2023. The Project expects to enter the Engineering phase in 4Q-2023, receive a Full Funding Grant Agreement in 2025 and initiate revenue service in 2032.

On February 17, 2023, the TJPA Executive Director formally submitted TJPA's requests to the FTA for approval to Enter Engineering and to conduct the New Starts Project Rating. On March 8, 2023, TJPA provided the FTA with most of the remaining documents required to conduct the Project Rating for the FTA New Starts Program.

After completion of the OP40 Risk Workshop, held on site from May 8, 2023 through May 11, 2023, TJPA continued to provide the FTA and PMOC with additional details on the program schedule and capital cost estimate in support of the PMOC work adjusting the risk model schedule and costs baselines. TJPA met with the FTA and PMOC to reach concurrence on the approach for revising the TJPA Master Schedule and SCC Workbook to include the PMOC's OP40 recommendations

Through June 30, 2023, TJPA continued work on planned monthly, quarterly and targeted progress updates in the areas of CIG process, risk management, value engineering, program funding and constructability as well as work on the property acquisitions, critical third-party agreements. TJPA continued engagement with the other 5 project stakeholders, including Caltrain, and all 6 stakeholders agreed to extend the stakeholder MOU past the expiration date in June 2023 to December 31, 2023. TJPA continued to advance design work on the three Enabling (Early Action) Program projects. TJPA also continued preparations for procurement of the PM/CM contract this year.

1.3 Major Issues and/or Concerns

No major issues or concerns have been identified by the PMOC at this time.

1.4 Status of Key Indicators Dashboard (Post Grant)

The Key Indicators Dashboard will be completed upon award of the Full Funding Grant Agreement and then updated monthly thereafter.

1.5 Core Accountability Items

Core Accountability Items							
			Original (Grant)	Current Forecas	t**	PMOC Assessment of Current Forecast	
Cost	Capital Cost I	Estimate	(Note 1)	6,98′	7	Under Review	
	Unallocated C	Contingency	(Note 1)	494		Under Review	
Continge ncy	Allocated Con	ntingency	(Note 1)	1,220	6	Under Review	
псу	Total Conting	ency	(Note 1)	1,720	0	Under Review	
Schedule	Revenue Serv	ice Date	(Note 1)	Sep. 30, 2032		Acceptable	
<u>Note 1</u> : FF(GA anticipated in .	2025.		•			
	Project P	rogress:	Amount (\$M)		Pe	Percent of Total	
Total Expen ditures	Actual cost of completed to	fall eligible expenditures date	(Note 2)			(Note 2)	
Planned Value to Date	Estimated val	ue of all work planned to	(Note 2)			(Note 2)	
Actual Value to Date	Value to Actual value of all work completed to			2)		(Note 2)	
Note 2: Spon	sor is compiling c	costs/value to date.					
	Contract	Amount	(\$)		Percent		
Total Contracts Awarded Value of all contracts (design, support, construction, equipment) awarded; % of total value to be awarded		(Note 2)		(Note 2)		

Construction Contracts Awarded		Value of construction contracts awarded; % of total construction value to be awarded	(Note 3)	(Note 3)
Physical Construction Completed		construction (infrastructure) completed; % of total construction value completed	(Note 3)	(Note 3)
<u>Note 3</u> : Co	nstruction start an	ticipated in late 2Q-2024 for E	arly Action contracts. No cont	racts awarded to date.
	tock Vehicle tatus	Date Awarded	No. Ordered	No. Delivered
TJPA incl	no direct ocurements by uded in the ope of work)*	N/A	N/A	N/A
Major Issues	Date Identified	Status	Project Sponsor Action	PMOC Recommendation
N/A	N/A	N/A	N/A	N/A
Date of 1	Next Quarterly	y Meeting (if known):	Next Monthly Meeting is o	n July 11, 2023.

^{*}During April 2023, TJPA notified the FTA and PMOC that Caltrain, under its current procurement of electric multiple-unit vehicles (EMUs), has an option to add additional vehicles and TJPA requested permission to add one (1) additional 7-EMU trainset to the Transbay DTX program. Refer to report Section 12.2 for details.

^{**}Contingency will be reconciled with the adjusted SCC Workbook when the adjustments arising from the FTA Risk Assessment are completed.

2.0 OBSERVATIONS AND FINDINGS

2.1 Summary of Monitoring Activities

This report covers the period from May 20, 2023 through June 30, 2023.

PMOC monitoring included the following activities:

- Continued readiness review of documents verified by TJPA as ready for PMOC review.
- Continued to monitor and review document status in the detailed OP51 checklist for tracking Sponsor documents submission, PMOC review and finalization.
- Worked on draft PMOC Monthly Monitoring Report for April/May 2023 and finalized report after FTA's review and the TJPA "fact check" review.
- Continued review of updated Sponsor provided presentations on Transbay DTX Project, Phase 2, that included details of the program status, current initiatives, and schedule of major milestones for advancing the utility relocation design to 60%, the 20-year Financial Plan, Critical Third-Party Agreements and Property Acquisition along the planned project alignment.
- Prepared agenda for the FTA/PMOC Monthly Monitoring Meeting with Sponsor on June 15, 2023 and co-directed the meeting with the FTA. Coordinated future monthly meetings with the FTA and Sponsor.
- Supported project input to the FTA/PMOC Risk Assessment draft PMOC OP40 Report.
- Attended FTA Monthly CIG check-in meeting on June 15, 2023.
- Attended LONP meeting (FTA/PMOC and TJPA) on June 30, 2023.
- Attended Sponsor program management and technical meetings:
 - o Integrated Project Management Team semimonthly meetings (May 23, June 5, June 13 and June 27, 2023,)

In addition to the above periodic monitoring activities, the PMOC continued their review in support of TJPA's request to advance the project into the Engineering phase. This review is being conducted in accordance with FTA OP51, Readiness to Enter Engineering, dated September 2015. under the PMOC's Project Programmatic Task Order. However, many of the PMOC's OP51 review activities in that effort overlap with the OP40 Risk and Contingency Review as well as the periodic monitoring activities and are therefore also summarized in the applicable sections of this report. The detailed results of the readiness review will be documented in a separate report issued under the PMOC's Project Programmatic Task Order.

2.2 Oversight Triggers

The PMOC will perform monthly oversight of the project and continue through the Engineering Phase to award of the Full Funding Grant Agreement in accordance with direction from the FTA.

2.3 Project Management Plan (PMP) and Sub-Plans

Project Management Plan (PMP)

FTA requested a review be undertaken of the Transbay DTX Project's PMP as part of the PMOC Readiness for Entry to Engineering review. The Transbay DTX Program Management Plan Revision 0, dated February 2023, was prepared by TJPA and submitted for FTA/PMOC review in March 2023. The PMOC has completed its review for a project entering Engineering in accordance with FTA OP20, Project Management Plan, dated September 2015, and is finalizing the draft OP20 report.

Safety and Security Management Plan (SSMP)

A Transbay DTX Project SSMP has been prepared by TJPA and was submitted to FTA/PMOC on April 17, 2023. TJPA's SSMP has been reviewed by the PMOC in accordance with OP22, Safety and Security Management Plan Review, dated September 2015, for a project requesting Entry to Engineering. The PMOC has prepared the initial draft OP20 Report and is finalizing the report. The PMOC also expects that in the future as contractors are added to the project implementation team, their safety and security plans will be incorporated under TJPA's program, and their plans will also be reviewed by FTA/PMOC once they are approved by TJPA.

Real Estate Acquisition and Management Plan (RAMP)

In March 2023, TJPA submitted its Transbay DTX Draft RAMP Revision D, dated October 2022, for FTA/PMOC review in support of the PMOC's Readiness for Entry to Engineering review. The submittal of the RAMP was accompanied by a copy of TJPA's Relocation Assistance Program Summary. The PMOC has completed its review of both documents in accordance with OP23, Real Estate Acquisition and Management Plan Review, dated September 2015, for a project requesting Entry to Engineering. The draft OP23 report was submitted to FTA Region 9 and Headquarters for review. Review results were received, and the report is being prepared for final submittal and acceptance.

Quality Assurance Plan (QAP)

TJPA submitted its Transbay DTX QAP to the extent that it has been developed at this stage of the project. The March 2023 submittal consisted of the following documents:

- TJPA's overarching Quality Management System, Revision 3, dated December 28, 2022.
- The Program Management / Project Controls (PMPC) consultant, AECOM / Mott McDonald, Quality Management Plan Revision 1, dated March 1, 2022.
- The General Engineering Consultant (GEC), Parsons, Design Quality Management Plan Revision 1, Parts 1 and 2 of 2, dated July 12, 2021.
- Documentation of the PMCM review and acceptance of the GEC Design Quality Management Plan

The PMOC has completed its review of the above documents in accordance with OP24, Quality Assurance — Quality Control Review, dated September 2015, and is preparing the draft OP24 report. The PMOC also expects that in the future as contractors are added to the project implementation team, their quality plans will be incorporated under TJPA's program, and their plans will also be reviewed by FTA/PMOC once they are approved by TJPA.

Rail Fleet Management Plan (RFMP)

Since Caltrain will be the operator of the Transbay DTX project when it goes into revenue service, TJPA submitted Caltrain's RFMP, the Caltrain Fleet Management Plan, Revision 3, dated December 7, 2021, in March 2023 in support of the Transbay DTX project review for readiness to enter Engineering. The PMOC's cursory review noted that while this Fleet Plan reflects operations as of the completion of the electrification of the system and includes the new electric fleet, it does not reflect the operation over the extended distance and additional station and terminal added by the Transbay DTX project. The PMOC advised of the need for an update or amendment to the Caltrain Fleet Management Plan that addresses operations over the added Transbay DTX territory to demonstrate that the system will provide the level of service committed in the project documents. TJPA stated that an addendum to the Fleet Plan will be prepared and submitted. *In April 2023, TJPA submitted a supplemental memo, "Fleet Management Plan Tech Memo to Validate 4 TPH Service" by DB E.C.O North America, Inc., which the PMOC completed analysis under the eight-step approach for vehicle demand forecast as outlined in the FTA Guidance (referenced in OP37, Fleet Management Plan Review, dated September 2015). Results are being drafted to share with the Sponsor and will be summarized in the separate OP51 report.*

Risk and Contingency Management Plan (RCMP)

TJPA submitted its Transbay DTX RCMP, the Transbay Program Downtown Rail Extension Risk and Contingency Management Plan, Revision 0, dated October 27, 2021, in March 2023. The PMOC commenced a review of the RCMP Revision 0 following the guidance of FTA OP40, "Risk and Contingency Review," dated March 2022. The PMOC's cursory review found that the Plan is comprehensive and well-written but is still missing several elements due to the stage of advancement of the project. These sections will be able to be completed after the results of the FTA Risk Assessment are available and reviewed by TJPA. The PMOC's review in accordance with OP40 was completed and results were provided to TJPA within the draft combined Scope, Cost, Schedule, Risk and Contingency Review report. TJPA contacted FTA and the PMOC with interest to convene collaborative meetings in the near future as referenced in OP40 to define the project's "contingency drawdown curves".

2.4 Management Capacity and Capability

As part of the FTA/PMOC review of the project's readiness for Entry to Engineering phase, in March 2023 TJPA provided the PMP and supporting documentation to demonstrate that the project team has the management capacity and capability successfully advance implementation of the Transbay DTX project. The PMOC commenced a review of the TJPA applicable documentation in accordance with OP21, Management Capacity and Capability Review, dated September 2015. The results of this review will be summarized in this Monthly Monitoring Report, with the details documented in a separate OP21 report. During April 2023, the PMOC submitted a Request for Information (RFI) for documents and items such as organization charts, position descriptions and other similar documents related to the staffing plan so that the review can be completed. The PMOC met with TJPA on May 5, 2023 to review the RFI in detail and to provide the PMOC with clarification on selected requested items. The initial draft of the OP21 Report has been completed. The PMOC initiated the interviews of 10 key staff on the Transbay DTX project team including TJPA, the PMPC and GEC consultants as well as Caltrain. The PMOC will then prepare the final draft OP21 Report for the Management Capacity and Capability Review.

2.5 NEPA Process and Environmental Mitigation

The project received a Record of Decision (ROD) from the FTA for the Transbay Terminal / Caltrain Downtown Extension / Redevelopment in 2005, a ROD from the Federal Railroad Administration (FRA) for the Transbay Transit Center Trainbox in 2010, and an amended ROD from FTA for the Transbay Terminal / Caltrain Downtown Extension / Redevelopment in 2019. Prior to the completion of the current Project Development (PD) phase, the project is seeking FTA NEPA clearance related to several subsequent modifications of the project's footprint.

June l, 2023 Sponsor updates included:

- The final SHPO comments on the Section 106 Package were included in the final TJPA 2nd Administrative Summary Document.
- Final FTA approval of the NEPA re-evaluation was received on June 9, 2023.

As part of the FTA/PMOC review of the project's readiness for Entry to Engineering phase, in March 2023 TJPA provided the 30% design and supporting documentation to demonstrate that the Transbay DTX Project meets all the NEPA and environmental mitigation commitments found in the FEIS and ROD. During April and May 2023, the PMOC continued its review of the TJPA applicable documentation in accordance with OP32B, NEPA and Design Document Comparison, dated September 2015. The final results of this NEPA comparison review will be summarized in this report, with the details documented in a separate OP32B report. *The initial draft OP32B Report has been completed and is being finalized*.

2.6 Project Delivery Method and Procurement

The Sponsor plans to construct the project using three project delivery methods.

TJPA Board-approved delivery approach consists of:

- Design-Bid-Build (DBB) for Advanced Packages Program (Early Action contracts) for Utilities and Railyard Infrastructure Relocation, and Site demolition.
- Progressive Design-Build (PDB) for main civil and tunnel
- Construction Manager-General Contractor (CMGC) for track and rail systems, station fit-out.

The PMOC previously noted that the proposed approach using three different project delivery methods will require a high level of both design and construction interface coordination and management.

Additionally, because the Enabling Works Program is scheduled to start during Q2-2024, prior to award of the FFGA that is targeted for 2025, TJPA has acknowledged the possible need for development of the basis for a Letter of No Prejudice (LONP) to qualify the costs of the Enabling Works Program for those elements not otherwise covered under pre-award authority in accordance with the FFGA. It is anticipated that TJPA may need to develop the LONP during July 2023.

2.7 Design

The Sponsor has completed preparing documentation to demonstrate that the Transbay DTX Project Preliminary 30% Design Package includes all the scope of work detailed in the Design Basis and Design Criteria and is consistent with all approved environmental review results. As part of the FTA/PMOC-led Risk Assessment to support the review of the project's readiness to enter the Engineering phase, the PMOC completed its review of the project scope in accordance with OP32C, Project Scope Review, dated September 2015. For the purpose of the Risk Assessment, the versions of the scope, cost estimate, schedule and risk register are selected to be mutually and internally consistent. For that reason, the 30% "Combined PE Final Plans" and its supporting studies, investigations, design criteria, PE report, etc., have been provided by TJPA and have undergone the PMOC's OP32C review. Multiple separate "break-out" meetings between the applicable Subject Matter Experts of TJPA and the PMOC were completed to resolve any questions, clarification requests, etc. in advance of the Risk Workshop. The review was completed and the results of this scope review were detailed in the separate combined Scope, Cost, Schedule, Risk and Contingency Review report under the PMOC's Project Programmatic Task Order. The draft of the combined Scope, Cost, Schedule, Risk and Contingency Review report was distributed to both FTA and to the Sponsor. Comments have been received and reconciled; however, the final issue of the report is pending TJPA's decision on whether the one trainset will remain within the scope of the project.

June 2023 Sponsor updates included:

- o Advance (Enabling) Works Program Status
 - Utility Relocation
 - o 60% Design plans and specifications, 60% cost estimate and Draft Maintenance and Protection of Traffic (MPT) plan are completed and under review.
 - *DTX Railyard Infrastructure Relocation*
 - Weekly meetings with Caltrain and DTX Project Managers have started.
 - Separate weekly technical meetings with Caltrain and GEC Project Managers started
 - Site Survey is 80% complete.
 - Caltrain Asset Survey has been completed and provided to TJPA; work scope is being assigned to either the Enabling Works Package or the Progressive Design-Build contract.
 - Site walk planned for Caltrain Project Managers and GEC Building Demolition
 - o NTP for design issued to GEC on June 8, 2023
 - o Kick-Off Meeting held on June 14, 2023; ahead of schedule.

30% Design scheduled start in mid-July 2023 with completion in late November 2023.

2.8 Value Engineering and Constructability Reviews

The Sponsor has conducted several Value Engineering and Constructability Reviews. The corresponding reports provided to the PMOC are being used for the PMOC's OP32C Project Scope Review.

2.9 Real Estate Acquisition and Relocation

The Sponsor has completed the Real Estate Acquisition and Management Plan (RAMP). Refer to the Project Management Plan and Subplans section of this report for the status of the RAMP.

June 2023 Sponsor updates included:

- Status of property acquisitions and easements
 - o 11 total acquisitions for FY2023-24, forecast to start in November 2023.
 - o 3 properties in early stages: Phase 1 Environmental Site Assessments (ESA) completed.
 - Acquisition of 14 subsurface easements, the temporary construction easements and the seven rock-dowel easements is forecast to commence in the first half of FY2024-25.
 - o Approximately 28 potential displacees have been identified.
 - Relocation Impact Study has been paused to align with the anticipated schedule for availability for the associated funding.
 - The revised real estate schedule milestones include:
 - Resume work on the Relocation Impact Study in September 2023.
 - Public comment period completed in October 2023.
 - *TJPA Board consideration of study in November 2023.*
 - TJPA stated that the revised schedule does not delay the original acquisition end date.
- Transbay DTX work at 4th and King Streets:
 - Caltrain (permanent easement holder)
 - TJPA continued its discussions with Caltrain on the term sheet with the goal of achieving a preliminary agreement with Caltrain prior to approaching Prologis; TJPA continues meeting with Caltrain utilizing focus groups for specific areas.
 - o Prologis (property fee owner)
 - TJPA previously advised that the agreement timeline development continues to make progress but remains dependent on outcomes of TJPA's work with Caltrain; Prologis has been briefed on 6th Street sewer re-route plans and TJPA anticipates comments on the proposed sewer plans.

Regarding the Transbay DTX work at 4th and King Streets, the PMOC previously expressed concerns about the challenges presented in negotiating agreements involving three diverse entities: an operating rail transit agency; local city government; private sector property fee owner. Under these circumstances, the negotiation process can require additional time and may require revisions to the project design, including acquisition of the project Right-of-Way (ROW)

2.10 Third-Party Agreements and Utilities

The project requires multiple third-party agreements and the temporary and permanent relocation of a large number of existing utilities. The PMOC continues to review the updated presentation material provided by the Sponsor and will continue in-depth reviews of specific project documents as they are made available.

June 2023 Sponsor updates included:

- City and County of San Francisco (CCSF) Agencies (8) Interagency Cooperative Agreement (ICA).
 - The ICA will provide a single agreement between CCSF and TJPA for Phase 2 of the Transbay Program, with a common set of terms negotiated with TJPA counsel and one team from City Attorney's Office (CAO). The ICA is supplemented by two sets of appendices: Appendix A Real Estate; Appendix B Technical Scopes by Agency.
 - ICA Drafting and Approval Timeline:
 - Consent by department boards and commissions anticipated by June 27, 2023. [PMOC notes that all approvals were completed by June 27, 2023.]
 - *Mayoral sign-off and agreement execution expected by July 15, 2023.*
- Joint Trench Agreements
 - o TJPA continues to work on a single agreement for all 12 parties.
 - o Draft Form A has been distributed and is under review.
 - Coordination with the 12 telecom companies continues in support of the utility relocation design progression and development.
- Peninsula Corridor Joint Powers Board
 - The Master Collaborative Agreement with Caltrain (MCA) will provide the respective roles and responsibilities of TJPA and Caltrain and detail the procedures for both to work cooperatively together for the design, construction, commissioning, operation, maintenance, funding, risk allocation and asset disposition of the Transbay DTX Project. TJPA continues working on the new MCA.
 - o Workplan timeline and status:
 - The Draft Term Sheets are in various stages of completion. The earlier goal of completing all drafts by June 15, 2023, has not been met. Accordingly, the August 12, 2023, target date for final approval by TJPA and the Caltrain boards will not be met.
 - Because the current Letter of Agreement expires on August 31, 2023, both parties are working on completing an Interim Agreement by mid-August 2023.
 - Completion of the Final MCA is targeted for October 2024.
- Pacific Gas and Electric (PG&E)
 - TJPA continues negotiating an agreement with PG&E for providing power to the Transbay DTX project and the new underground rail station located at Fourth and Townsend Streets.
 - Agreement targeted completion date August 2023.
 - Includes relocation of multiple gas, electric and telecom lines located along the project ROW.

■ TJPA has opened a Phase 2 account under gas utilities to engage PG&E review of project submittals. The updated DTX power load flow analysis is in progress.

The PMOC had previously expressed the opinion is that the critical third-party agreements present a significant risk to the project based on the following observations:

- There are four critical third-party agreements identified by the Project Sponsor for the project.
- Three of the agreements involve multiple parties with diverse interests in both the private and public sectors.
- The scope of the agreements is wide and includes various combinations of the following key project elements:
 - o Project design coordination
 - o Modifications to existing infrastructure not owned by TJPA
 - Cost sharing
 - Construction coordination and support
 - o Operation and maintenance of new rail system and terminal

2.11 Construction

Construction had been forecast to commence during 4Q-2023 with the Early Action Advance Package contracts. The forecast changed during March 2023 with the utility relocation work now scheduled to start late in 2Q-2024, a delay of approximately 5-6 months.

2.12 Vehicle Technology and Procurement

There are no direct vehicle procurements by TJPA included in the original project scope of work.

At the January 2023 Monthly Meeting with the FTA and PMOC, the Sponsor indicated that the current acquisition of electric rail vehicles as described in the 2018 Caltrain Rail Fleet Management Plan (RFMP) does not include a sufficient number of trains to support a 6 trains per peak hour per direction service to the Salesforce Transit Center terminal in 2032. The Sponsor's current plan is to provide 4 electrified trains per peak hour per direction to the new underground Fourth and Townsend Station and the new underground Salesforce Transit Center Terminal, and 2 diesel peak hour per direction trains to the existing surface Fourth and King Station, for a total of 6 peak hour trains to and from San Francisco. It was agreed that an RFMP addendum should be considered to address the required fleet and operational changes that would be needed to support the new service, and the addendum was submitted in April 2023. Refer to the Rail Fleet Management Plan discussion in Section 2.3 of this report for further details.

• During April 2023, TJPA notified the FTA that TJPA is considering a modification to the project definition to take advantage of a contract option available under Caltrain's current EMU rail car procurement and add one additional 7-car trainset under the Transbay DTX Project, Phase 2. Caltrain is securing funding to secure four (4) trainsets under the option (three diesel replacements and one spare). If TJPA decides to include one (1) trainset in the project definition, Caltrain will increase their option order to five (5) trainsets. TJPA

presented the following details for Caltrain to exercise its contract option to add vehicles to their original base order.

- Timeline for execution of Caltrain's Stadler contract option:
 - o Jun. 8, 2023 TJPA Board of Directors meeting
 - o Jul. 12, 2023 Caltrain Finance Committee meeting
 - o Aug. 3, 2023 Caltrain Board of Directors meeting
 - o Aug. 15, 2023 Caltrain to exercise contract option with Stadler
- Cash Flow (exclusive of unallocated contingency):
 - o \$59.5 million over 4 years FY2024 to FY2028
 - o 7-EMU rail car train-set delivery by June 30, 2028

Prior to the risk workshop, FTA and PMOC conferred and agreed that one additional trainset (7 vehicles) could be included in the scope of the project that would be evaluated in the risk assessment. FTA and PMOC concluded that in this case, the additional vehicle scope is sufficiently independent of the critical project dynamics, such that if TJPA's Board ultimately does not agree with including the vehicle cost within the DTX project scope, it could be reasonably easily removed from the results of the risk assessment. On April 25, 2023, TJPA provided a revised SCC workbook for the risk workshop that included the applicable SCC 70 costs, as well as a modified Risk Register. In the few days leading up to the workshop, TJPA and the PMOC collaborated to work the vehicle scope into the summary schedule to be used for the PMOC schedule risk modeling.

Subsequent to the completion of the risk workshop, TJPA committed to providing a final decision to the FTA by June 30, 2023, about including the single trainset of 7 rail vehicles in the scope of the Transbay DTX Project. *However, the decision has been delayed*.

2.13 Project Cost

The Sponsor has completed preparing/finalizing the components of the Program Cost Estimate. The Final Capital Cost Estimate was approved at the TJPA Board meeting on February 9, 2023.

June 2023 Sponsor updates included:

• Program Funding Status

- o Final Draft Joint TJPA/Caltrain 20-Year Financial Plan has been completed. Additional adjustments are in progress:
 - Finalizing revised cost and cashflow
 - Updating Caltrain O&M plan based on number of trainsets
- TJPA is awaiting a response to the application it submitted for a \$194 million Federal/State Partnership Grant.
- TJPA has responded to all questions to date from the FMOC

• Program Cost Status

 Final Capital Cost Estimate, including recommended cost escalation, was approved by the TJPA Board on February 9, 2023, and included in the package submitted to the FTA for conducting the New Starts Project Rating

- o February 2023 Draft Full Transbay DTX Project Cost Estimate is \$6,987 million including finance cost.
- o The Final Capital Cost Estimate was submitted to the FMOC on March 8, 2023.
- In support of the OP40 Risk Workshop, TJPA submitted an SCC workbook inclusive of the one trainset, for \$96 million with contingency, which reflects a total project cost of \$7,091 million.
- TJPA continues work on the bottom-up cost estimate for the SCC80 elements based on its recently developed staffing plan to confirm or modify its current estimate based on percentages of the estimated construction cost.
 - *Estimates are being developed using three different methodologies*
 - Should significant differences occur, senior management will review
- o Updated forecast of cost estimates updates for Enabling (Early Action) Works Program:
 - 60% Utilities Relocation Design November 2023
 - 30% 4th and King Streets Sitework Design January 2024
 - 30% Building Demolition Design October 2023

As part of the FTA/PMOC-led Risk Assessment underway to support the review of the project's readiness to enter the Engineering phase, the PMOC completed its review of the project cost estimate in accordance with OP33, Capital Cost Estimate Review, dated September 2015. For the purpose of the Risk Assessment, the versions of the scope, cost estimate, schedule and risk register are selected to be mutually and internally consistent. For that reason, the February 28, 2023, version of the FTA Standard Cost Category Workbook and its supporting detailed cost estimate backup information is undergoing the OP33 review. However, as noted above, in April 2023, the cost estimate for the risk assessment was modified to include vehicle costs, and yet another issue of the SCC workbook was provided at the end of the risk workshop to further refine vehicle costs, all of which were included in the PMOC's OP33 review. The final results of this cost estimate review were detailed in a separate draft combined Scope, Cost, Schedule, risk and Contingency Review report issued under the PMOC's Project Programmatic Task Order. The draft combined Scope, Cost, Schedule, Risk and Contingency Review report was distributed to both FTA and to the Sponsor. Comments have been received and reconciled; however, the final issue of the report is pending TJPA's decision on whether the one trainset will remain within the scope of the project.

2.14 **Project Schedule**

The Sponsor has completed preparing/finalizing the Project Master Schedule. The Master Schedule was approved at the TJPA February 9, 2023 Board meeting.

June 2023 Sponsor updates included:

- The June schedule update will merge the current Master Schedule with the risk schedule model, based on January 2023 schedule, and will have a data date of May 31,2023.
- Enabling (Early Action) Works Program schedule updates
 - Utilities Relocation 90% Design started June 1, 2023

- Building Demolition 30% Design to start July 1, 2023
- o 4th and King Streets Sitework TJPA acknowledged a delay to the 30% Design finish that had been forecast for September 30, 2023; TJPA is working to expedite progress and mitigate impacts.

As part of the FTA/PMOC-led Risk Assessment to support the review of the project's readiness to enter the Engineering phase, the PMOC completed its review of the project schedule in accordance with OP34, Project Schedule Review, dated September 2015. For the purpose of the Risk Assessment, the versions of the scope, cost estimate, schedule and risk register are selected to be mutually and internally consistent. For that reason, the January 2023 progress update of the schedule is undergoing the OP34 review to support the Risk Assessment. During the review, the PMOC found that the level of detail in the construction and start-up phases of the project was not sufficient to meet either FTA expectations at Entry to Engineering or to support the schedule risk modeling. Accordingly, a series of workshop meetings with the TJPA and PMOC subject matter experts commenced and resulted in the addition of the rail yard phasing, a greater definition of construction and startup activities, and inclusion of the key dates related to the addition of vehicle scope to the project. The final results of this schedule review were detailed in a separate draft combined Scope, Cost, Schedule, Risk and Contingency Review report issued under the PMOC's Project Programmatic Task Order. The draft combined Scope, Cost, Schedule, Risk and Contingency Review report was distributed to both FTA and to the Sponsor. Comments have been received and reconciled; however, the final issue of the report is pending TJPA's decision on whether the one trainset will remain within the scope of the project.

2.15 **Project Risk**

TJPA had a comprehensive risk management process in place prior to the assignment of the PMOC during the Project Development phase. The process is guided by the project's RCMP, initially dated October 2021. (See Section 2.3 of this report for the status of the RCMP.) The Sponsor is currently updating the Project Risk Register and providing a summary report to management on a quarterly basis. The top project risks as recorded on the post-PMOC Risk Assessment Risk Register are presented in Attachment C of this report.

TJPA also completed a Quantitative Risk Assessment in late 2022, which informed the project cost estimate and schedule that was submitted in support of TJPA's request to enter the Engineering phase. TJPA's most recent Quarterly risk update was conducted in late March 2023 to review characterization of all current risks and to identify new risks.

The PMOC completed its project scope, cost, and schedule characterization reviews to support the FTA/PMOC led Risk Assessment that will validate the FTA expectations for a project requesting entry to the Engineering phase. The FTA/PMOC Risk Assessment was conducted under the PMOC's Project Programmatic Task Order in accordance with OP40, Risk and Contingency Review, dated March 2022. During April and May 2023, the PMOC arranged and directed technical working meetings involving the associated subject matter experts (SMEs) from both the PMOC and TJPA for scope, cost and schedule.

Also under the PMOC's Project Programmatic Task Order, a hybrid Risk Workshop was conducted both in person in San Francisco and virtually by Teams during May 8 (which included a walking tour of the project) through May 10, and into the "contingency" day of May 11, 2023. Refer to Attachment I for the risk workshop agenda.

The workshop concluded with a list of open items with committed submittal dates, which were met by TJPA.

The PMOC then used the information received during pre-workshop reviews, from the workshop, and from the revised documents received throughout the week following the workshop to conduct the Monte Carlo schedule risk analysis model and the FTA top-down Beta Range Factor cost risk analysis model. The PMOC consolidated the results and delivered them to the FTA on May 22, 2023, and they were then shared with TJPA on May 30, 2023. After FTA's review, the draft combined Scope, Cost, Schedule, Risk and Contingency Review Report was provided to TJPA on June 15, 2023, followed by a TJPA/FTA/PMOC meeting on the report content on June 22, 2023.

Based on the Caltrain Peninsula Corridor Electrification Project (PCEP) presentation to the FTA/PMOC on March 21, 2023, the PMOC observes that a significant scope change will now be required regarding Transbay DTX work involving or affecting the Caltrain rail yard and rail system infrastructure from the project limits to the existing Caltrain terminal at 4th and King Streets. TJPA has agreed that Transbay DTX work within Caltrain's property cannot start until after the PCEP work has been completed and is in revenue service that is currently forecast for September 2024. The as-built PCEP facilities will present conflicts with the planned Transbay DTX work and will require TJPA to relocate some Overhead Contact System (OCS) support structures. This additional work scope will need to be performed during overnight track outages and on weekends and will require close coordination with Caltrain operations and force account resources. As such, this development has created a significant new risk with potentially high cost and schedule impacts.

2.16 Quality Assurance/Quality Control

The Sponsor has completed preparing the Project Quality Assurance Plan. The PMOC continues its OP24 review of the Sponsor's Project Quality Assurance/Quality Control (QA/QC) Program.

2.17 Safety and Security

The Sponsor has completed the Project Safety and Security Management Plan (SSMP) and provided the SSMP to the PMOC on April 17, 2023. *The PMOC has completed the initial draft of the OP22 Project Safety and Security Review and is preparing the final draft.*

2.18 Americans with Disabilities Act (ADA)

The PMOC has reviewed ADA compliance during the following reviews:

- OP20 Project Management Plan
- OP22 Project Safety and Security Management Plan
- OP32C Project Scope Review

2.19 Buy America

The PMOC has reviewed Buy America compliance during the following reviews:

- OP20 Project Management Plan
- OP32C Project Scope Review

2.20 Start-Up, Commissioning, Testing

Project is currently at the Preliminary Engineering/Design Stage, approximately 30%. The PMOC will evaluate the adequacy of the system start-up, testing and commissioning provisions in the Design Basis and Design Criteria documents that will be reviewed for the OP32C Project Scope Review.

2.21 <u>Before-and-After Study Reporting</u>

The PMOC will confirm that the Sponsor has addressed the requirements for the Before-and-After Study Reporting during the following reviews:

- OP21 Management Capacity and Capability
- OP33 Capital Cost Estimate
- OP51 Readiness to Enter Engineering

2.22 Lessons Learned

OP26 – Lessons Learned is currently not included in the PMOC scope of work for either the Regional or Programmatic Task Orders for services on the Transbay Downtown Rail Extension Project, Phase 2.

2.23 Actions Items Table

Item No.	Item	Responsible Party	Date Identified	Date Due	Date Completed	Status / Action Required
1.	Confirm inclusion of one 7-vehicle trainset in project scope of work.	ТЈРА	April 2023	June 30, 2023	Not completed	Awaiting TJPA, Caltrain decision

3.0 PROJECT MONITORING REPORT ATTACHMENTS

- A. List of Acronyms
- B. Safety and Security Checklist In preparation by the Sponsor.
- C. Top Project Risks
- D. Awarded Contracts Working with Sponsor to include all current contracts for professional services.
- E. Rolling Stock Vehicle Status Report N/A.
- F. Project Milestones/Key Events Will be included in a subsequent Monthly Report based on the risk-informed Final Draft Master Schedule and current schedule updates.
- G. Roadmap to Revenue Operations *Will provide Roadmaps for Entry to Engineering and FFGA based on FTA development details.*
- H. Project Map
- I. Risk Workshop Agenda May 2023

Attachment A: List of Acronyms

ACOR.... Alternate Contracting Officer Representative ADA..... Americans with Disabilities Act CAO.....City Attorney's Office CCSF......City and County of San Francisco CIG......Capital Investment Grant CM/GC....Construction Manager – General Contractor DTX......Downtown Rail Extension (as in "Transbay DTX Project") DBB......Design/Bid/Build EMU......Electric Multiple-Unit (rail car vehicle) FEIS......Final Environmental Impact Study FFGA.....Full Funding Grant Agreement FMOC.....Financial Management Oversight Contractor FTA...... Federal Transit Administration GEC......General Engineering Consultant ICA.....Interagency Cooperative Agreement IPMT.....Integrated Program Management Team LONP.....Letter of No Prejudice LPA.....Locally Preferred Alternative MCA.....Mater Collaborative Agreement NEPA.....National Environmental Policy Act OCS.....Overhead Contact System PCEP......Peninsula Corridor Electrification Project (Caltrain) PDB......Progressive Design-Build PG&E.....Pacific Gas & Electric RAMP.....Real Estate Acquisition and Management Plan RCMP.....Risk and Contingency Management Plan RFMP.....Rail Fleet Management Plan ROD...... Record of Decision SEQA......State Environmental Quality Act (California) TJPA.....Transbay Joint Powers Authority PMOC.....Project Management Oversight Contractor

TJPA – Transbay Downtown Rail Extension Project, Phase 2 Monthly Monitoring Report – June 2023

SSMP......Safety and Security Management Plan

Attachment B: Safety and Security Checklist

Attachment C: Top Project Risks

The following are the top Transbay DTX Project risks and the associated unmitigated risk scores as recorded in the Post PMOC Risk Assessment:

Risk ID	Description	
138	Delay due to scope adjustment to advance work package for Caltrain 4th & King site work	25
CR13	Failure to secure cut and cover off-street muck-out staging area and having to muck out through ports in decking	
CR3	Delay in acquisition of funding – risk that 100% committed funding plan is not identified by time of FFGA approval (2025).	20
148	Relocating locker room may have union issue if distance is increased. There is uncertainty as to what facilities need to be moved and where	
45	Addition of floating slab to minimize operating train noise and vibration	16
3	Premium for work adjacent to operating tracks	16

Risk Score/Rank

			Probability/Likelihood					
		1	2	3	4	5		
16	1	1	2	3	4	5		
Consequence Severity	2	2	4	6	8	10		
adne	3	3	6	9	12	15		
ons	4	4	8	12	16	20		
O	5	5	10	15	20	25		

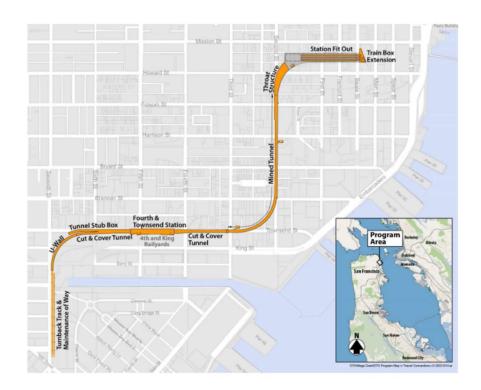
Attachment D: Awarded Contracts

Attachment E: Rolling Stock Vehicle Status Report

Attachment F: Project Milestones/Key Events

Attachment G: Roadmap to Revenue Operations

Attachment H: Project Map



Attachment I: Risk Workshop Agenda

	Monday, May 8, 2023 – Day 1 (all times I	Pacific)			
Meet at 375 Beale Street, Yerba Buena Room					
Day / Time	Workshop Topic	Key Participants			
	Introductions (FTA/TJPA/PMOC)	FTA (Lead)			
8:30 AM	Introductions Opening remarks – FTA Region 9 and HQ	Corey Walker (FTA HQ)Amy Changchien (FTA R9)			
	Opening Remarks - TJPA	TJPAAdam Van de Water			
9:00 AM	Overview of the Workshop	PMOC: Debbie Boe (PMOC)			
9:15 AM	Scope Discussion (TJPA Overview) Broad Overview and status of scope elements Enabling Works Tunneling (mined, cut and cover) At-grade Retained cut. Stations including MEP. Trackwork Yard work Systems (tunnel ventilation, traction power, train control, communications, lighting) ROW high level (details during Wednesday session) Vehicles	TJPA (Lead): • Anna Harvey (TJPA) • Meghan Murphy (PMPC) Discussion: • All			
10:15 AM	 Contract Packaging (TJPA Overview) Planned contracts and delivery method for each. The scope within each (including what may be moving) Why the scope was allocated in that manner. Status of procurement/procurement planning 	 TJPA (Lead): Alfonso Rodriguez (TJPA) Meghan Murphy (PMPC) David Hunt (PMPC) Discussion:			
10:45 AM	Break	• All			

Monday, May 8, 2023 – Day 1 (all times Pacific)					
Meet at 375 Beale Street, Yerba Buena Room					
Day / Time	Workshop Topic	Key Participants			
11:00	 Overview, including: Federal process for EE and FFGA Third-Party Agreements Design Procurement Construction ROW high level (detail in Wednesday Session) Vehicles Work windows, work hour restrictions, etc. Basis of Schedule/ Assumptions / Key Interfaces 	TJPA (Lead): Becky Mincio (TJPA) Danson Kelii (virtual) (GEC) Payam Ferdowsi (GEC) John Stolz (GEC) Discussion: Burt Kohlman (PMOC) All			
12:00 PM	Cost Presentation (TJPA Overview) • Element Level Overview - Construction SCC 10-50 - Temporary facilities/indirect costs (SCC 40.08) - ROW SCC 60 high level (detail in Day 3 Session) - Vehicles SCC 70 - Professional Services SCC 80 high level (detail in Day 3 session) • Basis of Cost Estimate /Assumptions / Exclusions	TJPA (Lead): David Hunt (PMPC) Michael Jackson (GEC) John Stolz (GEC) Discussion: Moses Gaster (PMOC) All			
1:00 PM	Lunch / Summarize Day 1/ Review Agenda for Day 2				
2:00 PM	 Tour Salesforce Station box Throat area Underpinning locations Caltrain Rail Yard and DTX / Mainline tie-in Tunnel portal area 	All			
5:00 PM	End Day 1				

	Tuesday, May 9, 2023 – Day 2 (all times Paci	fic)			
Meet at 375 Beale Street, Temazcal Room					
Day / Time	Workshop Topic	Key Participants			
8:30 AM	 Discussion: Aged utilities Status of underground investigations Schedule responsiveness of utilities relocating at own cost Avoiding conflicts between advanced relocated utilities and later contracts Review Risks: No. 80 Combined sewer No. CR12 Private utility relocation No. 148 Sewer impact on PDB Others that arise 	PMOC (Lead): Debbie Boe (PMOC) Nick Humby (PMOC) DTX Team: Will Spargur (PMPC) Meghan Murphy (PMPC) Anna Harvey (TJPA) Todd Mayen (GEC)			
10:00 AM	Break				
10:15 AM	 Discussion: Status of discussion/agreement with Caltrain / Operator Review Risks: No. 138 Funding for reconfiguration No. 73 Potential Development Others that arise 	PMOC (Lead): Debbie Boe (PMOC) Nick Humby (PMOC) DTX Team: Alfonso Rodriguez (TJPA) Dahlia Chazan/delegate (Caltrain) Andrea Miller (TJPA) Greg Oslund (Caltrain PM) Meghan Murphy (PMPC) Chukwuma Umolu (GEC) Lindsay Yamane (GEC)			
12:00 PM	Lunch	- Linusay failianc (OLC)			

	Tuesday, May 9, 2023 – Day 2 (all times Paci	inc)
Day / Time	Workshop Topic	Key Participants
1:00 PM	Focused Risk Review - Tunneling (Cut and Cover) Discussion: MPT issues Street restoration expectations Groundwater management Review Risks: No. 47 General Order 95 (also to mined tunnel, stations?) No. 139 Noise and vibration No. CR13 Mucking No. CR14 Foundations 655 4 th Street No. 137 Caltrain design criteria No. 144 Vent structure timing No. 145 Schedule impact of 6 th Street sewer No. 32 "Civils" contract No. 131 delayed Fire Marshall review No. 142 Fire Marshall adds scope. Others that arise	PMOC (Lead): Debbie Boe (PMOC) Brian TerBush (virtual) (PMOC) DTX Team: Kimo Okamitsu (GEC) Rebecca Wong (GEC) Meghan Murphy (PMPC)
3:00 PM	Break	
3:15 PM	 ■ Discussion Production rate (Issue 14) Construction dewatering / permanent tunnel drainage Construction noise requirements and management Waterproofing membrane (Issue 107) Approach to minimize Differing Site Conditions claims. Groundwater management Review Risks: No. 47 General Order 95 (see also cut and cover) No. 139 Noise and vibration (see also cut and cover) No. CR13 Mucking (see also cut and cover) No. 22 Structural collapse No. CR15 Settlement / sinkhole. 	PMOC (Lead): Debbie Boe (PMOC) Brian TerBush (virtual) (PMOC) DTX Team: Kush Chohan (GEC) Yiming Sun (GEC) John Stolz (GEC) Meghan Murphy (PMPC)
5:00 PM	Others that ariseSummarize Day 2 / Review Agenda for Day 3	PMOC

Wednesday, May 10, 2023 – Day 3 (all times Pacific)					
Meet at 375 Beale Street, Temazcal Room					
Day / Time	Workshop Topic	Key Participants			
8:30 AM	 Focused Risk Review - Systems Discussion: Potential change from conventional wayside to cab based signaling system. Interface to date with Fire Marshall on tunnel ventilation design Availability of qualified labor in electrification, SCADA, etc. Review Risks: No. CR11 Signals Design Criteria conflicts No. 136 SCADA Design Criteria conflicts Others that arise 	 PMOC (Lead): Debbie Boe (PMOC) Mike Savchak (virtual) (PMOC) DTX Team: Matt Schreffler (PMPC) Lindsay Yamane (GEC) Dahlia Chazan/delegate (Caltrain) 			
9:30 AM	 Discussion: Form of agreement with building owner Tunnel structure to carry load of building. Constructability Review Risks: No. 141 underpinning 235 2nd Street delays Others that arise 	PMOC (Lead): Debbie Boe (PMOC) Steve Ehrlich (PMOC) DTX Team: Kimo Okamitsu (GEC) Becky Wong (GEC)			
10:30	Break				
10:45 AM	 Discussion: Governing codes and AHJ for underground stations Susceptibility to scope creep by third parties Review Risks: No. 131 delayed Fire Marshall review No. 142 Fire Marshall adds scope. Others that may arise 	PMOC (Lead): Debbie Boe (PMOC) Steve Ehrlich (PMOC) DTX Team: Becky Wong (GEC) David Fung (GEC) Heather Kim (GEC)			
11:15 AM	Focused Risk Review - Track Discussion: Availability and lead times for required special trackwork. Laydown and staging Review Risks: None identified	PMOC (Lead): Debbie Boe (PMOC) Steve Ehrlich (PMOC) DTX Team: Chukwuma Umolu (GEC) Becky Wong (GEC)			

Wednesday, May 10, 2023 – Day 3 (all times Pacific)		
Meet at 375 Beale Street, Temazcal Room		
Day / Time	Workshop Topic	Key Participants
11:45 AM	 Discussion: Current status of Rail Car contract Experience with Stadler's performance to date Strategy for burn-in and commissioning of DTX trainset Review Risks: No. 140 local share for cost to add to scope. 	 PMOC (Lead): Debbie Boe (PMOC) Bill Thomsen (PMOC) DTX Team: Alfonso Rodriguez (TJPA) Dahlia Chazan (Caltrain) Greg Cameron (Caltrain PM) Russ Larson (Caltrain PM)
12:00 PM	Lunch	
1:00 PM	 Discussion: Overall requirements, implementation approach and responsibilities Development of testing / acceptance criteria among TJPA, Caltrain, and CHSRA for testing and certification Labor availability (engineering support, Caltrain, 3rd party operator) Schedule activities for regulators' approvals to operate. Review Risks: No. 28 Commissioning duration underestimated. Others that may arise 	PMOC (Lead): Debbie Boe (PMOC) Mike Savchak (virtual) (PMOC) DTX Team: Lindsay Yamane (GEC) Alfonso Rodriguez (TJPA) Dahlia Chazan (Caltrain)
1:15 PM	Focused Risk Review – Right-of-Way Discussion: Cost and Basis (TJPA) Schedule and Basis (TJPA) Staffing (TJPA) Goodwill" not a federally eligible cost Review Risks: No. CR10 Schedule delays No. CR9 2 nd and Howard Others that may arise	PMOC (Lead): Debbie Boe (PMOC) Candy Spitzer (virtual) (PMOC) DTX Team: John Updike (PMPC) Anna Harvey (TJPA)

Wednesday, May 10, 2023 – Day 3 (all times Pacific)			
Meet at 375 Beale Street, Temazcal Room			
Day / Time	Workshop Topic	Key Participants	
2:00 PM	Focused Risk Review – Third Party Agreements	PMOC (Lead):	
	 Discussion: "Critical" vs. non-critical Expected timing for execution. Implications for each if not executed timely. Review Risks: None identified 	 Debbie Boe (PMOC) Ed Williamson (PMOC) DTX Team: Anna Harvey (TJPA) Will Spargur (PMPC) 	
	Focused Risk Review – Staffing, Professional Services	PMOC (Lead):	
2:30 PM	 Discussion: Cost estimate and Basis (TJPA) Timing for adding /shedding staff. Resource availability "Burn Rate" for schedule extensions. Review Risks: No. 37 Agency reviews (what is impacted?) Others that may arise 	 Debbie Boe (PMOC) Andrew Royston (virtual) (PMOC) Ed Williamson (PMOC) Bill Thomsen (PMOC) DTX Team: Alfonso Rodriguez (TJPA) Becky Mincio (TJPA) Mark Perez (PMPC) 	
	Focused Risk Review – Other Program Level Risks	PMOC (Lead):	
	 Discussion: Labor resource availability Strategy to avoid contractor-to-contractor conflicts. Interface to date with regulators (FRA, CPUC) 	Debbie Boe (PMOC)All	
3:00 PM	Secondary Mitigation	DTX Team:	
	 Review Risks: No.143 Market – limited bidders No. 135 Market escalation No. 127 agreement on delivery agency Nos. CR2, CR3, 129, 130, 132, 133 - Funding 	 Alfonso Rodriguez (TJPA) Andrea Miller (TJPA) Dave Hunt (PMPC) Joe O'Carroll (PMPC) 	
3:30 PM	Break		
3:45 PM	FTA / PMOC Only Huddle		
4:45PM	FTA/TJPA/PMOC • Wrap up • Open Items • Next Steps • Closing remarks	 PMOC PMOC FTA 	
5:00 PM	Adjourn	FTA and TJPA	
J.OU FIVI	Aujouiii		

NOTE: Thursday, May 11, 2023, has been arranged as a "contingency" day, to allow for possible follow up on any open items or issues that could not be covered in the main three-day schedule.