

San Francisco Peninsula Rail Program Executive Steering Committee

Item 6 - Engineering Phase Workplan
Calendar Year 2023

October 21, 2022



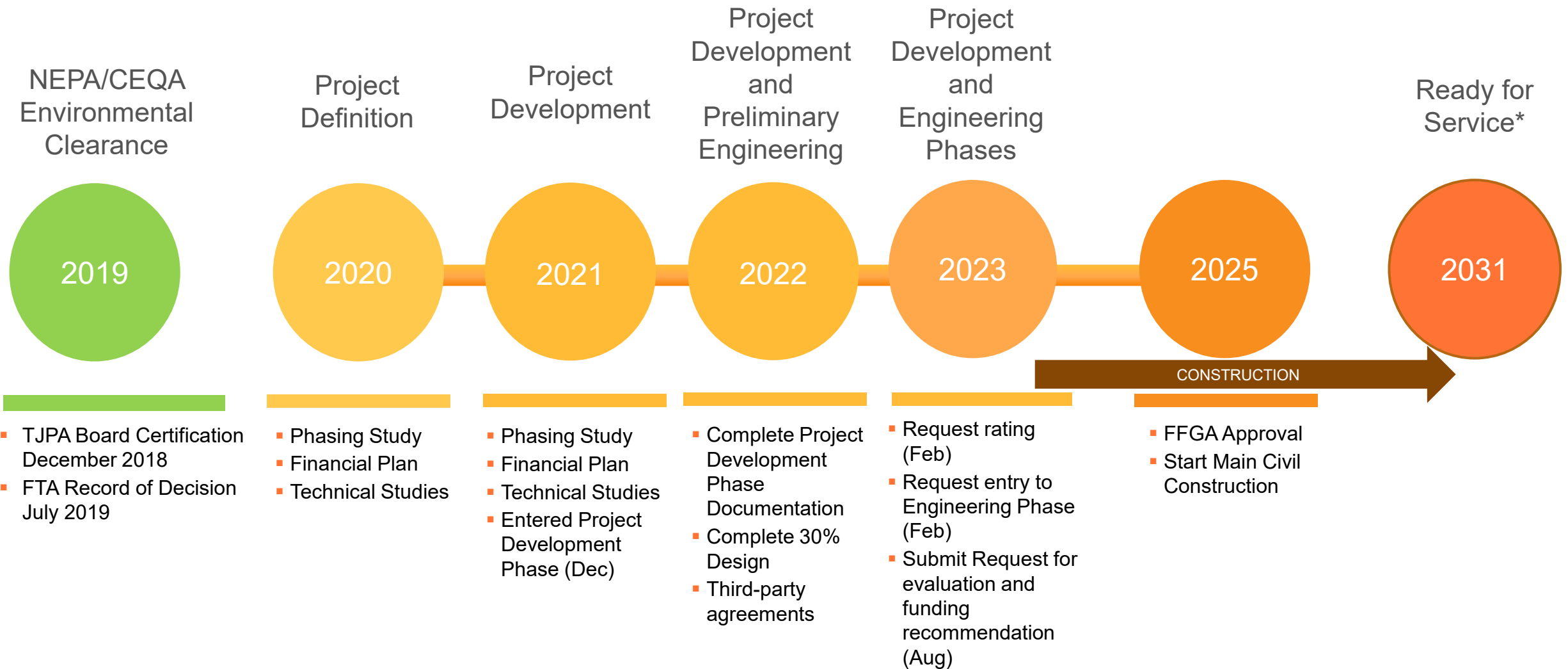
San Francisco
County Transportation
Authority

Summary of Project Activities

- Pre-Engineering Phase of the Capital Investment Grant Program
- Complete detailed activities are captured in the Master Schedule, updated monthly
- Subject to revision based upon Project Delivery Strategy Contracting Roadmap and availability of funding
- Subject to revision based on Advance Works delivery responsibility decision



Request to Enter Engineering



* SUBJECT TO FUNDING

FTA Grant Coordination

- Project Development Documentation
- Project Management Oversight Consultant (PMOC)
 - FTA-led Quantitative Risk Assessment
 - Scope/Cost/Schedule Review
 - Readiness Review
- FTA Annual Project Evaluation
 - Submit Evaluation and Ratings Documentation
 - Submit Funding Request
- Secure Letter(s) of No Prejudice or Advance Works Authority for select work

Programmatic Documents

- Safety and Security Management Plan (SSMP)
- Risk and Contingency Management Plan
- Real Estate Acquisition Management Plan (RAMP)
- Configuration Management Plan
- Project Management Plan (PMP) and subplans
- Risk Register

Cost and Budget

- Draft and Final Capital **Construction Estimate**
 - Incorporation of quantitative risk assessment
 - FTA risk review
- Draft and Final **O&M Cost Forecast** – input to 20-Year Financial Plan
- Draft and Final **Program Budget**

Funding and Financial Plan

- Draft and Final **Capital Funding Plan** (FTA Milestones)
 - Feb 2023: commitment of 30% of non-CIG funds
 - Aug 2023: commitment of 50% of non-CIG funds
- Draft and Final **O&M Funding Plan**, to demonstrate approach to fund transit operations and facility costs
- 20-Year **Financial Plan**:
 - Feb 2023: initial submittal
 - Aug 2023: revised version based on updated costs and FTA review
- **Grant opportunities** and applications
- Securing **continued funding** for technical work program, enabling works, and right-of-way

Environmental Documentation

- TJPA Board approval of CEQA Addendum
- FTA approval of NEPA Re-evaluation
- Finalize MOU for Section 106 oversight of Cultural Resources and develop Action Plan for Findings
- Procure Archaeological Consultant
- Prepare Archaeological Research Design and Treatment Plan
- Prepare Historic American Buildings Survey

Revenue Operations Planning



- TJPA – Caltrain Master Cooperative Agreement
- Rail Activation / Pre-revenue Operations / Turnover Plan
- Safety Certification Plan

Engineering Design

- Complete Geotechnical Baseline Report
- Conduct studies on Sensitive Receptors
- Final Design of Advance Contracts
- Preparation of Progressive Design-Build Contract
- Commence Final Design of Station Fit-out and Track and Systems



Procurement

- Archaeological & Paleontological Services – RFP anticipated Nov. 2022
- Construction Management Bench (Enabling Works) – RFP Q3 2023
- Program Management/Program Controls – RFP Q4 2023
- Progressive Design-Build – RFQ Q4 2023
- Construction Manager – RFP Q1 2024
- Construction Manager/General Contractor RFQs:
 - Core Systems and Track (Q4 2023)
 - Station Fit-out (Q1 2024)

Third Parties (Public)

City of San Francisco

- Complete Interagency Cooperative Agreement

Caltrain

- Complete Master Cooperative Agreement
- Progress design for Railyard early works

Caltrans

- Complete Cooperative Agreement

CPUC

- Complete consultation for Mission Bay Drive grade crossing

MOU and Governance

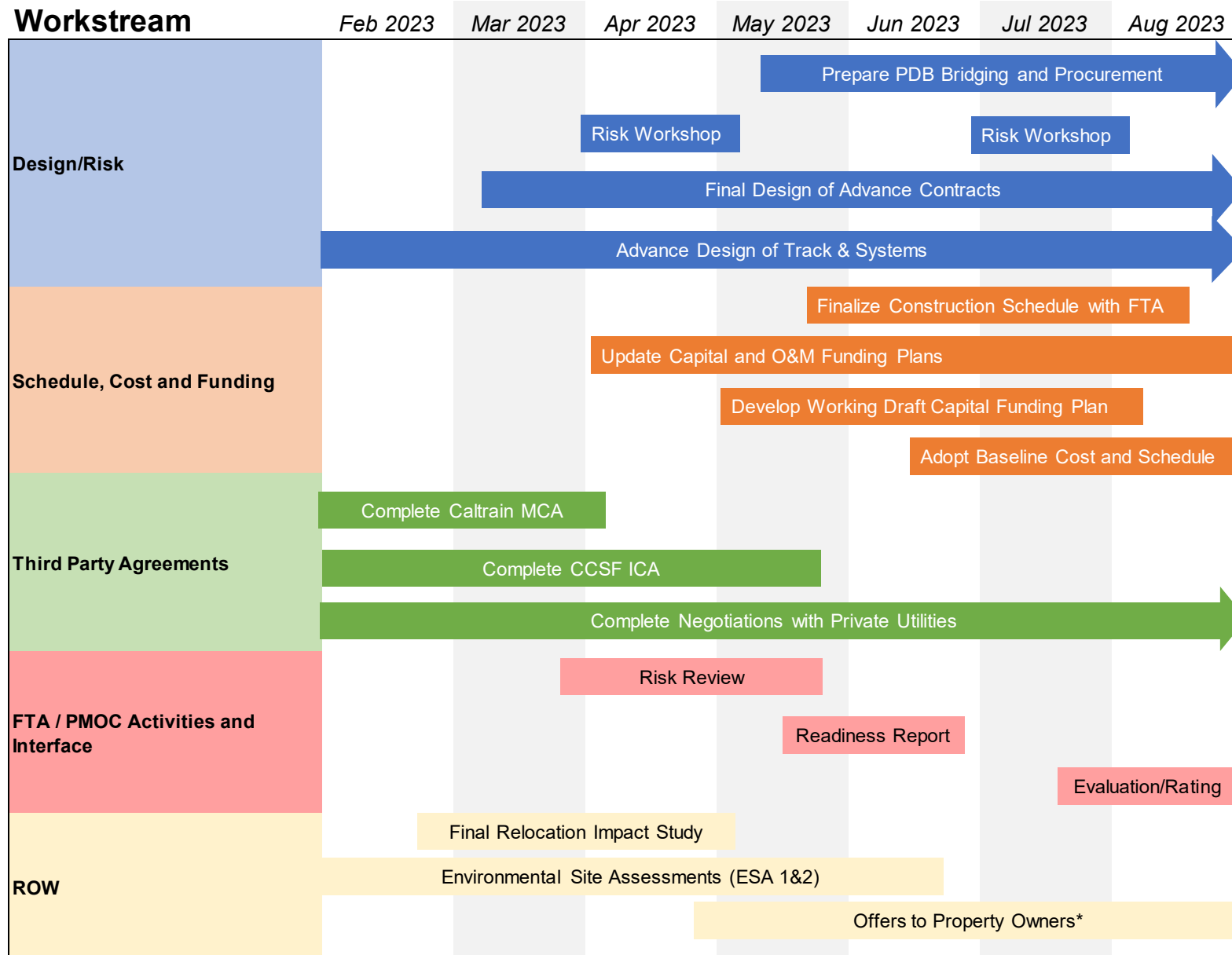
- Develop Governance Blueprint
- Prepare successor to Peninsula Rail MOU

Third Parties (Private)

Scope, Cost, Schedule, Cost Sharing Negotiations

- PG&E
- AT&T
- Comcast
- Verizon

Summary Task Schedule



* SUBJECT TO FUNDING



Right of Way

- Notification of affected property owners
- Prepare property appraisals and review appraisals
- Prepare surveys
- Conduct Environmental Site Assessment, Phase 1 and 2 (as req)
- Prepare Goodwill and Furniture, Fixtures & Equipment appraisals
- Gain FTA approval
- Make offer and negotiate*
- Prepare draft and final Relocation Impact Study
- Administer Relocation program

* SUBJECT TO FUNDING



Questions?

