San Francisco Peninsula Rail Program: Downtown Rail Extension (DTX)

Project Delivery Strategy: Framework for Implementation Roadmap

Executive Steering Committee

September 16, 2022

Project Delivery Strategy: Implementation Roadmap

- TJPA Board approved DTX project delivery approach in July 2022, as recommended by the ESC.
- To complete Project Delivery Strategy, the IPMT will recommend a Strategic Implementation Roadmap.
- Roadmap to describe the key activities, decisions, and organizational considerations for implementation of the approved delivery approach, with focus on pre-procurement, procurement, and pre-construction phases.
- This presentation provides an overview of the components of the Roadmap, for ESC input and discussion.

Background: DTX Delivery Approach

TJPA Board-approved delivery approach consists of Progressive Design-Build (PDB) for heavy civil/tunnel and Construction Manager-General Contractor (CMGC) for systems, track, and station fit-out, preceded by an Enabling Program.

PDB for heavy civils and tunnel

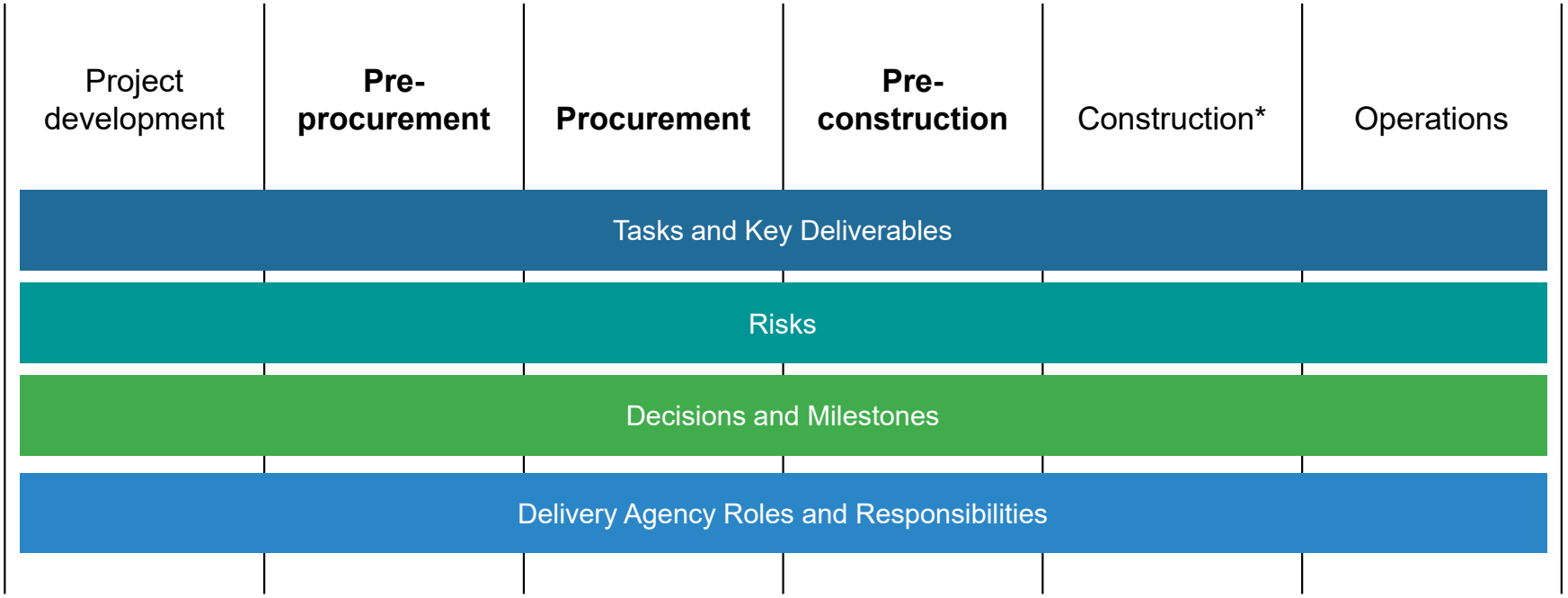
- PDB Contractor responsible for final design
- Two stage contractor engagement
- Selection of contractor is largely qualifications based at ~30% design
- Contractor initially engaged during a preconstruction services phase
- Construction contract is negotiated at 60%+ design
- Contractor can self-perform work

CMGC for systems, track and station fit-out

- Delivery Agency retains responsibility for final design
- Two stage contractor engagement
- Selection of contractor is largely qualifications based at ~30% design
- Contractor initially engaged during a preconstruction services phase
- Construction contract is negotiated at ~90-100% design
- Contractor can self-perform work

Strategic Implementation Roadmap

Document structure

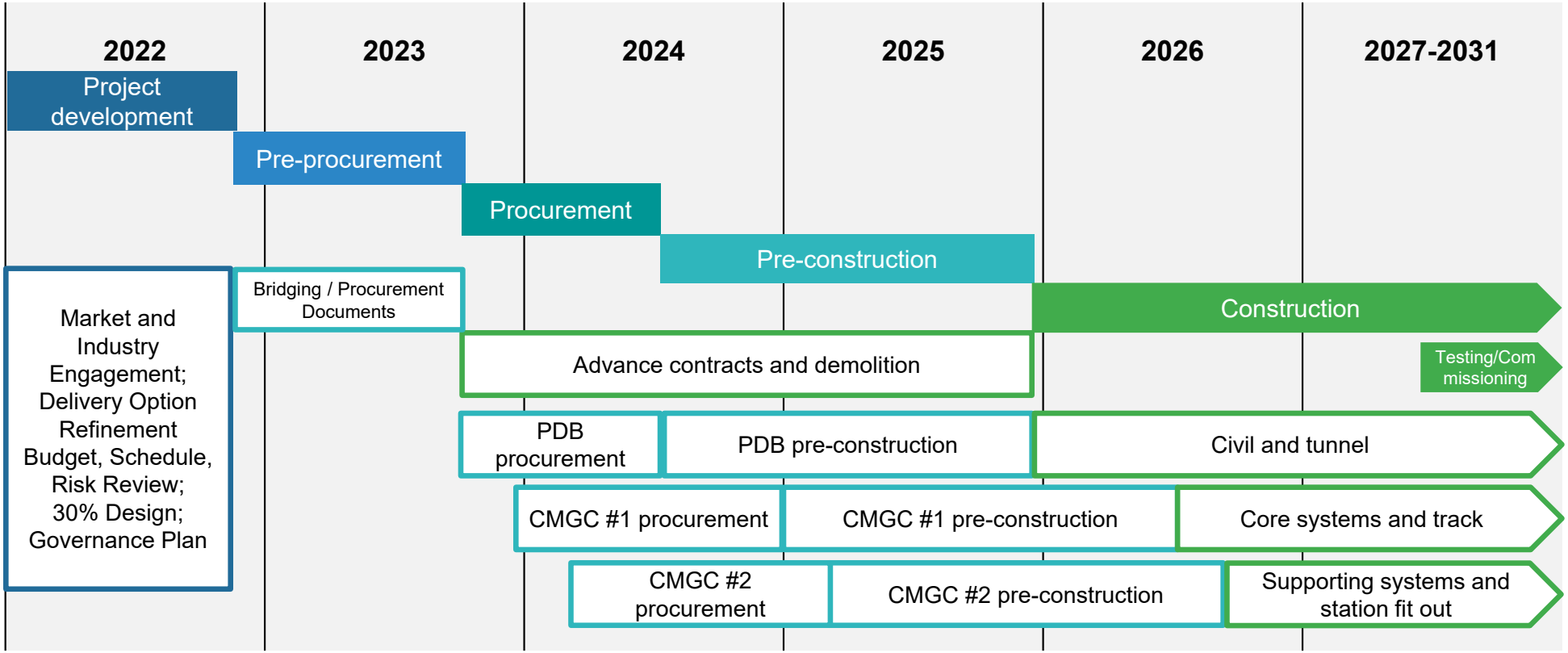


* Including testing and commissioning

Strategic Implementation Roadmap

Dates are dependent on funding availability

Overview by phase



Questions

Caltrain

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CALIFORNIA High-Speed Rail Authority

METROPOLITAN TRANSPORTATION COMMISSION

TJPA TRANSBAY JOINT POWERS AUTHORITY

San Francisco County Transportation Authority