

# San Francisco Peninsula Rail Program Executive Steering Committee

Item 6 – 2021 Master Schedule/Deliverables, Pending Acceleration  
Work Plan, and Federal Transit Administration New Starts Process

March 19, 2021



# Agenda

- Master Schedule Work Plan Deliverables and Schedule Status
- Acceleration Work Plan Deliverables and Schedule
- Federal Transit Administration New Starts Process and Required Deliverables

# Master Schedule Work Plan Status

On schedule activities in green  
 Completed activities **in green bold**  
 Completed activities off schedule in bold black

Deliverables	Approved Work Plan Completion Date	Actual / Forecast Completion Date	Critical Path
<b>Phasing Workshop No. 0</b>	June 15, 2020	June 15, 2020	N
<b>Phasing Workshop No. 1</b>	June 22, 2020	June 22, 2020	Y
<b>East Bay Crossing Memo</b>	June 30, 2020	June 30, 2020	N
<b>Baseline Cost Estimate and Schedule Update</b>	July 20, 2020	July 20, 2020	N
<b>Work Breakdown Structure Update No. 1</b>	August 10, 2020	August 10, 2020	Y
<b>Phasing Workshop 1 Report</b>	August 10, 2020	August 10, 2020	Y
<b>Risk Register Update</b>	September 21, 2020	September 21, 2020	N
<b>Preliminary Permit List</b>	October 21, 2020	October 21, 2020	N
<b>Final Updated Risk Register</b>	October 21, 2020	November 18, 2020	N
<b>Work Plan Approval</b>	October 23, 2020	November 20, 2020	N

# Master Schedule Work Plan Status

On schedule activities in green  
 Completed activities **bold**  
 Completed activities off schedule in bold black

Deliverables	Approved Work Plan Completion Date	Actual / Forecast Completion Date	Critical Path
<b>Initial Changes Log</b>	November 16, 2020	November 16, 2020	N
<b>Design Team NTP</b>	December 1, 2020	December 29, 2020	N
Public Outreach Plan	December 18, 2020	March 30, 2021	N
Ridership Modeling Initial Results	December 30, 2020	March 31, 2021	N
<b>Industry Sounding Report No. 1</b>	January 14, 2021	January 14, 2021	N
Preliminary Real Estate Acquisition Plan	February 11, 2021	March 11, 2021	N
<b>Operations Analysis Preliminary Results</b>	March 2, 2021	January 26, 2021	Y
Configuration Management Plan	April 16, 2021	April 16, 2021	N
Phasing Workshop No. 2	April 27, 2021	April 27, 2021	Y
Business Case	April 27, 2021	April 27, 2021	Y
Refined Ridership Modeling Results	May 28, 2021	May 28, 2021	N
Phasing Study Final Report to IPMT	June 29, 2021	June 29, 2021	Y

# Master Schedule Work Plan Status

On schedule activities in green

Completed activities **bold**

Completed activities off schedule in bold black

Deliverables	Approved Work Plan Completion Date	Actual / Forecast Completion Date	Critical Path
Benefits Assessment	August 31, 2021	August 21, 2021	N
Third Party Agreements	December 2, 2021	December 2, 2021	N
Initial Operating Plans	June 23,2021	June 23, 2021	N
Threat and Vulnerability Assessment	February 28, 2022	February 28, 2022	N
Economic Impact Assessment	November 3, 2021	November 3, 2021	N
Construction Delivery Agency/Governance Update	November 18, 2021	November 18, 2021	N

# Acceleration Work Plan Deliverables and Schedule\*

Deliverables	Start	Finish
<b>Programmatic Documentation &amp; Management Plans</b>		
Third Party Agreements Plan	March 2021	December 2021
Quality Management Plan Update	March 2021	June 2021
Project Management Plan	March 2021	September 2021
Ground Motions Report Update	April 2021	July 2021
Project Controls Plan	April 2021	July 2021
Draft Risk and Contingency Management Plan	June 2021	July 2021
Preliminary Safety Hazard Analysis	July 2021	February 2022
Updated Work Plan	August 2021	November 2021

*\*Subject to TJPA Board approval of Accelerated Work Plan, SFCTA funding approval (pending)*

# Acceleration Work Plan Deliverables and Schedule\*

Deliverables	Start	Finish
<b>Risk Analysis</b>		
Prepare Risk Workshop Materials	April 2021	April 2021
IPMT Review and Approval of Workshop Plan	April 2021	May 2021
Risk Assessment Workshop No. 1	May 2021	May 2021
Qualitative Risk Analysis	May 2021	June 2021
Risk Mitigation Workshop No. 1	June 2021	June 2021
Qualitative Risk Analysis	June 2021	June 2021
Qualitative Risk Memorandum	June 2021	August 2021

*\*Subject to TJPA Board approval of Accelerated Work Plan, SFCTA funding approval (pending)*

# Acceleration Work Plan Deliverables and Schedule\*

<b>Deliverables</b>	<b>Start</b>	<b>Finish</b>
<b>Project Delivery</b>		
Agency Project Delivery Questionnaire	March 2021	June 2021
Contract Packaging Strategy	April 2021	September 2021
Project Delivery Method Report	April 2021	September 2021
IPMT Review	September 2021	October 2021
ESC Review and Approval	November 2021	November 2021
TJPA Board Review and Approval	December 2021	December 2021

*\*Subject to TJPA Board approval of Accelerated Work Plan, SFCTA funding approval (pending)*

# Acceleration Work Plan Deliverables and Schedule\*

<b>Deliverables</b>	<b>Start</b>	<b>Finish</b>
<b>Preliminary Engineering and Design</b>		
Draft Utilities Design	March 2021	February 2022
Draft U-Wall / Tunnel Stub Design	March 2021	February 2022
Draft Geotechnical Investigation and Geotechnical Design Report / Ground Investigation Report	March 2021	February 2022

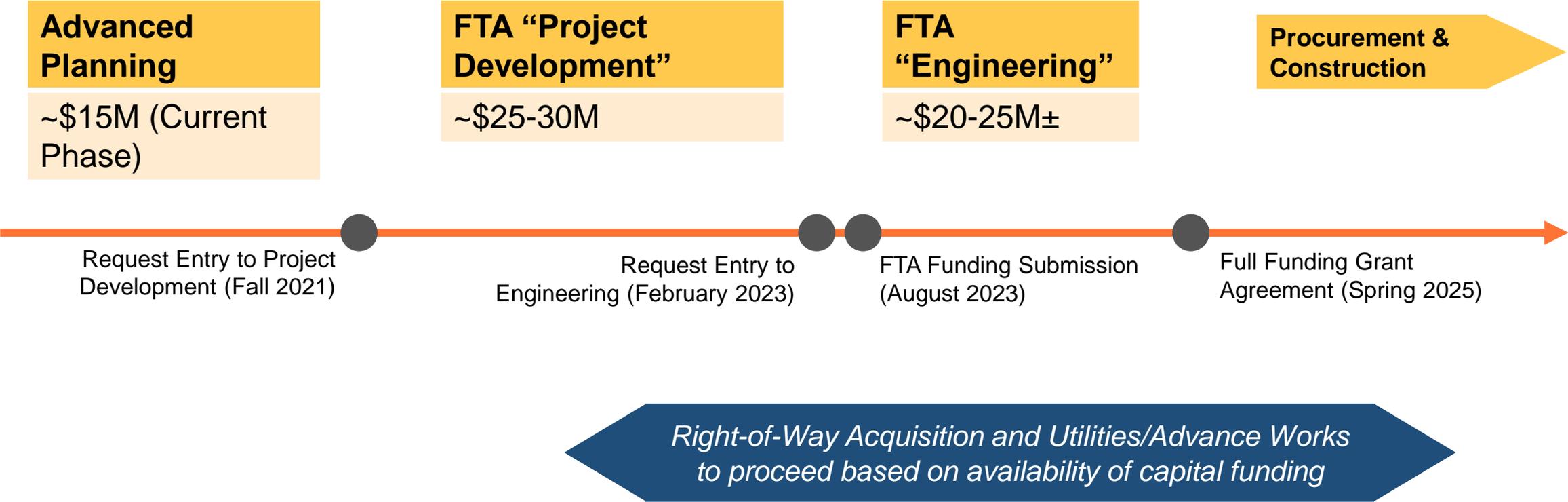
*\*Subject to TJPA Board approval of Accelerated Work Plan, SFCTA funding approval (pending)*

# IPMT/ESC 2021 Look-Ahead

Month	Authorized and Funded	Action / Information	Item
March	No	Information	Acceleration Plan and Updated Master Schedule (subject to funding approval)*
April	Yes	Information	Phasing Study and Operations Analysis Update
April	Yes	Information	Project Development Phase Funding Plan Framework
May	Yes	Information	Risk Register Update
May	Yes	Information	Public Outreach and Rebranding Plan
May/June	Yes	Information	Capital Funding Plan Update
May	Yes	Information	Initial Business Case
April/July	Yes	Action	Phasing Plan
August	Yes	Action	Project Development Phase Funding Plan
September/October	No	Information	Project Delivery Assessment Initial Findings*
August	Yes	Action	Updated Capital Funding Plan
September	No	Action	Approve Submittal of Request to FTA for Entry to Project Development*
November	No	Information	Project Delivery / Governance Study Update Findings*
November	No	Action	Project Delivery Method*

*\*Subject to TJPA Board approval of Accelerated Work Plan, SFCTA funding approval (pending).*

# FTA Project Development & Delivery\*



*\*Dates reflect Accelerated Schedule currently under review (Funding Submission August 2023)*

# Entry into Project Development

- Identification of Grantee, partners roles and responsibilities
- Identification of Project Manager and key staff
- Corridor description, length, and key activity centers
- Purpose and Need Statement
- Copies of prior studies done in the corridor
- Description of the proposed project
- Description of current levels of corridor transit service
- Project cost estimate, if available
- Cost to complete Project Development

# Entry into Project Development (continued)

- Documentation demonstrating commitment of funds for the PD work
- Schedule for completing the following activities (within 2 years):
  - Compliance with NEPA and related environmental laws
  - Selection of a locally preferred alternative (LPA)
  - Adoption of the LPA in the fiscally constrained long range transportation plan
  - Completion of the activities required to obtain an FTA project rating
  - Completion of the readiness requirements for entry into Engineering
- Anticipated receipt of a construction grant agreement from FTA (beyond 2 years)
- Anticipated start of revenue service (beyond 2 years)

# During Project Development (2-year time limit included in FAST Act)

- Complete at least 30 percent design and engineering
- Capital and Operating cost estimates
- 20-year financial plan
- Project Management Plan and sub-plans (selection of Delivery Agency)
- Environmental review process required under NEPA & CEQA
- Sufficient information for FTA to develop a project rating
- Notify FTA of intent to enter Engineering
- FTA/Program Management Oversight Consultant reviews
  - Scope, Schedule, & Budget Review
  - Risk Review
  - Readiness Review

**Maximum New Starts Grant  
amount as a \$ amount set**

# Entry into Engineering

- Selection of a Locally Preferred Alternative
- FTA Record of Decision
- Project Rating Package
  - Project Narrative and Map
  - Travel Forecast Result Report
  - Operating Cost Report
  - Capital Cost Report
  - Mobility Improvements, Cost Effectiveness, and Congestion Relieve Template
  - Land Use, Supplemental Land Use, and Economic Developments Templates
  - Environmental Benefits Template
  - Financial Template and Local Financial Commitment Template

# Entry into Engineering (continued)

- Commitment of at least 30% of non-federal funding
- Completed at least 30% engineering
- Completed Project Management Plan and sub plans, demonstrated project management capacity and capability
- Updated Cost Estimate
- Updated Schedule

# During Engineering

- Complete Bidding Documents
- Obtain 100% of non-federal funding commitment
- FTA/Program Management Oversight Consultant (PMOC) reviews
  - Scope, Schedule, & Budget Review
  - Risk Review
  - Readiness Review

# Full Funding Grant Agreement

- Sufficient information for FTA to develop a project rating
- 100% of non-federal funding commitment
- FTA / Program Management Oversight Consultant reviews
  - Scope, schedule & budget review
  - Risk review
  - Readiness review

# Questions

