

# Citizens Advisory Committee

## Phase 2 Update

November 10, 2020



# AGENDA

- Action Items Update
- Comprehensive Work Plan
- Deliverables
- Operations Planning





# Action Items

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- Industry Outreach Update and Report
- Estimating Tool for Phasing Study



# Comprehensive Work Plan

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- Tied to Memorandum of Understanding Summary Work Plan
- Tied to ready for procurement Program Master Schedule
- Draft final work plan and schedule approved by Integrated Program Management Team on October 1
- Executive Steering Committee Review at October and November meetings



## Key near-term activities

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**PHASING STUDY - TJPA**  
June 2020–August 2021

**FUNDING PLAN - SFCTA**  
July 2020–September 2021

**General Engineering Consultant  
Notice to Proceed - TJPA**  
December 2020

# Primary Work Areas

1

## PROJECT POSITIONING & OUTREACH

Rebranding  
Public Outreach  
Economic Impact

2

## FUNDING & FINANCE

Public Sources  
Private Sources

3

## FACILITY OPERATIONS, PLANNING & DEMAND

Transit Operating Plans  
(service levels and cost)  
DTX Planning, Use and Benefits

4

## PROCUREMENT, PROJECT PHASING & DELIVERY STRATEGIES

Phasing  
Delivery Strategies

5

## DESIGN DEVELOPMENT

Design Documents  
Technical Studies

6

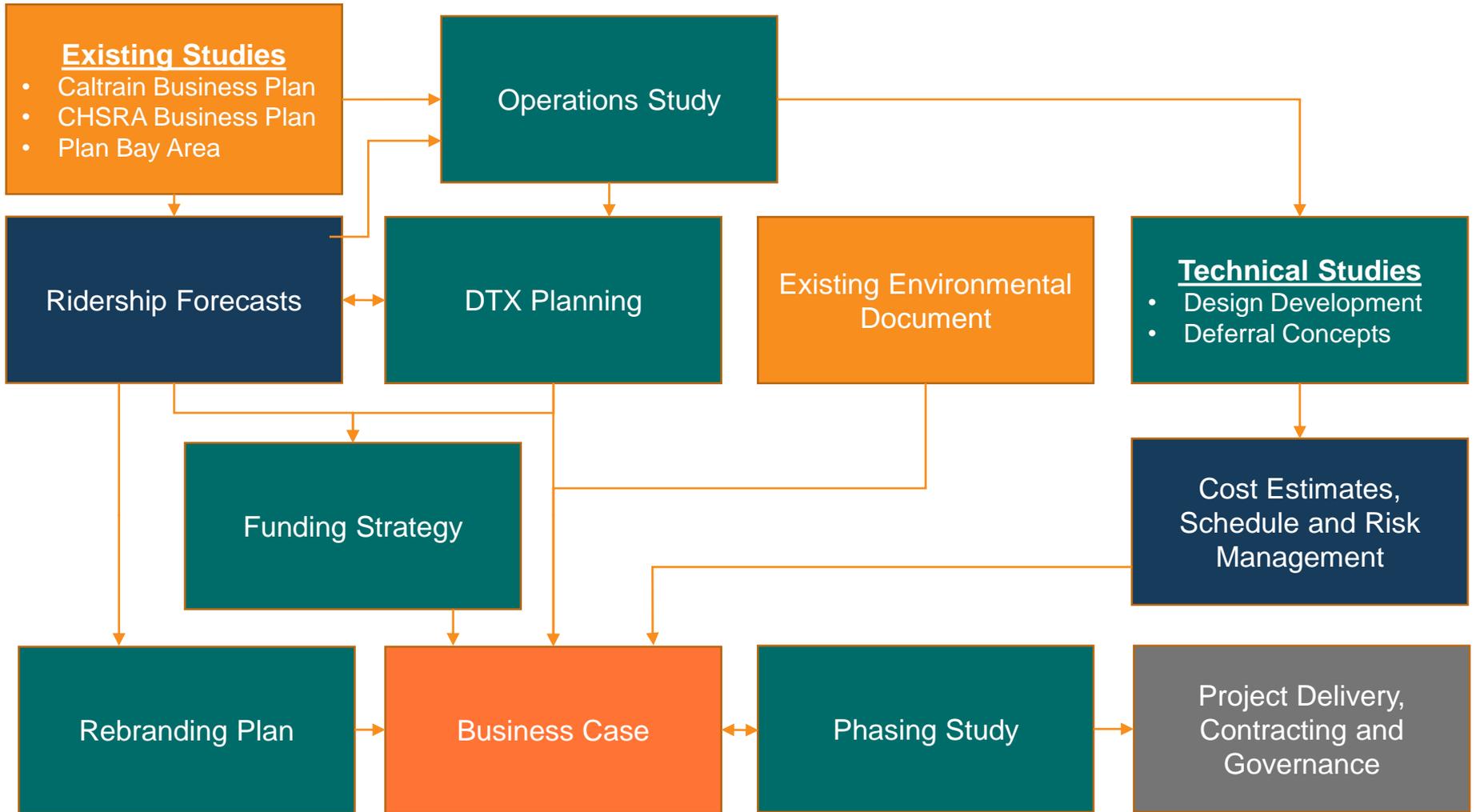
## PROGRAMMATIC DOCUMENTS & FEDERAL NEW STARTS REQUIREMENTS

Project Management Plans  
New Starts Documentation

7

## GOVERNANCE & OVERSIGHT STRUCTURE

Delivery Agency  
Procurement Documents





## Completed Deliverables

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- Phasing Study Workshops 0 and 1 Report
- Updated Work Breakdown Structure
- Industry Sounding Interviews with 13 firms
- Preliminary Permit List
- Program Master Schedule
- Consultant selection for Public Outreach and Rebranding Plan
- Selection of General Engineering Consultant



## In Process

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- Phasing Concepts Cost Estimating
- Real Estate Management Plan
- Risk Register
- Draft Funding Plan
- DTX Use and Ridership Planning Studies

# Phasing Plan

- Identify an initial operating project
- Safe
- Reliable
- Meets regional transportation needs
- Consistent with realistically available funding

# Evaluation Criteria

1

## Initial Capital Cost Savings and Future Retrofit Cost

- Cost savings of deferred phasing concepts
- Impact on Federal Transit Administration (FTA) evaluation
- Cost of future implementation of deferred phasing concepts
- Right-of-way cost

2

## Consistency with Regional Plans, Context and Transportation Benefits

- Impact on users
- Impact on other regional projects (and vice versa)
- Impact to DTX regional significance
- Support for regional resiliency and equity strategies (Plan Bay Area 2050)
- Impact to passengers' cost of using service
- User Benefit (e.g. travel time reduction, transit trip increases)

3

## Environmental Effects

- Consistency with DTX environmental document and/or need for additional environmental review
- Dependency on another non-environmentally cleared project
- Community impact

# Evaluation Criteria

4

## Operations Effects

- Changes to operations cost
- Constraints on service flexibility
- Changes in operational reliability, security and/or safety
- Constraints on future service growth
- Impact on service during future retrofit

5

## Maintenance Effects

- Changes to maintenance costs
- Changes in resilience
- Changes to maintenance access and crew safety
- Changes in response time for repairs
- Blurring of O&M responsibilities

# Phasing Concepts

- Reduce Train Box Extension
- Defer BART / Muni Pedestrian Connector
- Defer Intercity Bus Facility
- Defer fit-out of high-speed rail components
- Defer fit-out of Fourth and Townsend Street Station
- Two vs. three tracks in tunnel

# Operations Analysis

- Shared funding solution between TJPA and SFCTA in process
- Scope of Work
- Identify infrastructure required for a range of service concepts
  - Track layout and signal system performance
  - Station configuration at Fourth and Townsend
  - Number and configuration of platforms at Salesforce Transit Center
- Identify service and demand constraints driven by deferral concepts
- Analyze contingency operating plans for service interruption scenarios
- Assess service under future run-through option

## Schedule

Months 1-4	Model building, analysis and phasing
Month 5	Service reliability analysis
Month 6	Run-through options analysis

# Key Schedule Targets

Date	Activity
December 2020	Design team NTP
February 2021	Facility Use and Project Benefits Report
March 2021	Phasing operations analysis complete
March 2021	Next risk workshop (followed by quarterly reviews)
March 2021	Phasing workshop No. 2
July / August 2021	Phasing / Business Case to ESC and TJPA Directors
August 2021	Design Utilities NTP
October 2021	Project delivery method recommendation
August 2024	Submit funding request to FTA leading to FFGA





# Questions?