Corridor Crossings
STRATEGY

Citizens Advisory Committee
12.20.2023

AGENDA

- **Program** Refresher
- **Project** Progress
- **Delivery** Guide
- **November Workshop** Recap

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Purpose

As an outcome of the **Business Plan**, the Corridor Crossings Strategy is an effort to **define a systematic corridor-wide approach** to crossings.

The strategy aims to **align stakeholder ambitions into balance with an implementable program,** addressing:

- Funding
- Organization
- Program Delivery

Note: Active grade separation projects will continue in parallel

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Paths

Project Delivery Opportunities

Communicate roles, responsibilities, processes, and standards for **individual** projects.

Outcome: *Crossings Delivery Guide*

Program Strategy Development

Develop a shared, **corridor** vision with an incremental and implementable approach for regional benefits.

Balance vision with implementable action plan

Outcome: *Program Vision and Strategy*

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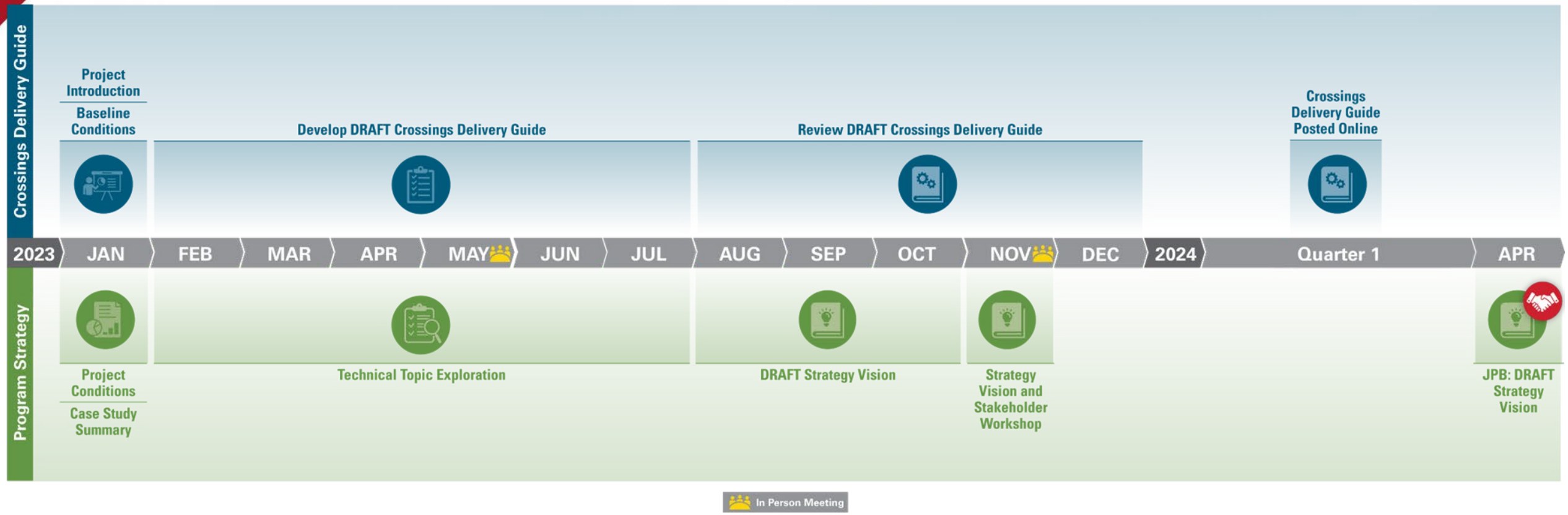
Timeline


Crossings Delivery Guide
Project Introduction
Baseline Conditions
Develop DRAFT Crossings Delivery Guide
Review DRAFT Crossings Delivery Guide
Crossings Delivery Guide Posted Online
2023
JAN
FEB
MAR
APR
MAY
JUN
JUL
AUG
SEP
OCT
NOV
DEC
2024
Quarter 1
APR
Program Strategy
Project Conditions
Case Study Summary
Technical Topic Exploration
DRAFT Strategy Vision
Strategy Vision and Stakeholder Workshop
JPB: DRAFT Strategy Vision
In Person Meeting

Recap of March CAC Presentation

- Illustrated shared strategy development

- Reviewed Case Studies
- Outlined Technical Exploration Topics
- Presented on Program Strategy Goals

Project Progress

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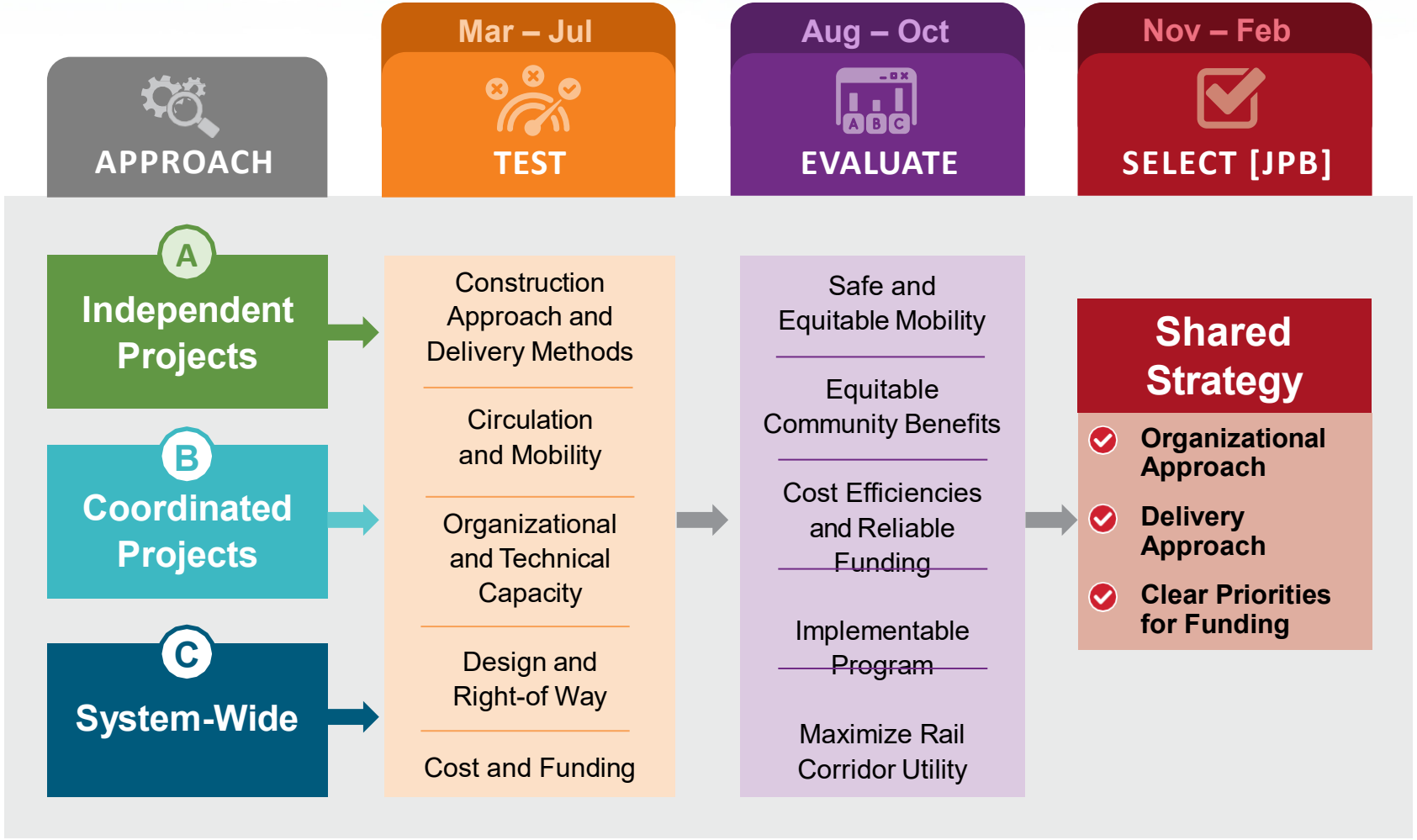
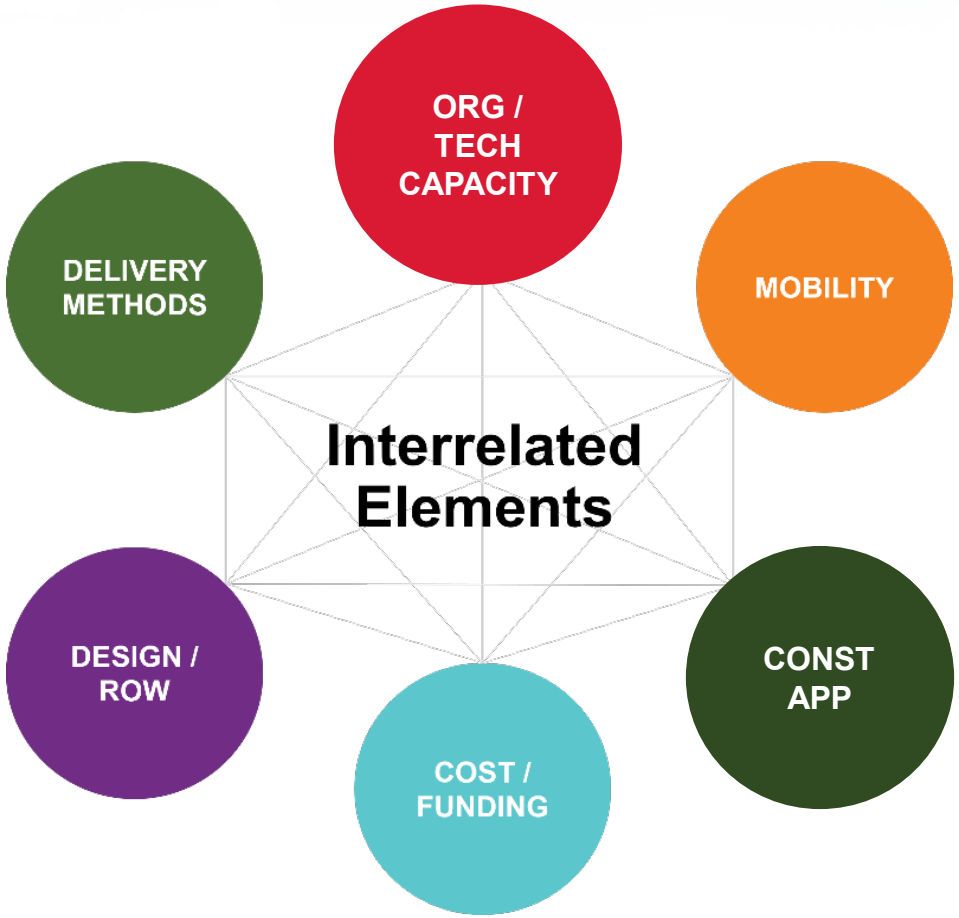
Program Strategy Process



Recap of Technical Topic Exploration



- Technical topic conclusions supported a coordinated program approach and the need to identify priority projects

- Key conclusions of the **technical topics** include:
  - **ORG / TECH CAPACITY:** Caltrain staff resources and capacity are constrained and additional resources would be needed to support deeper involvement in a grade separation program
  - **MOBILITY:** There is not corridor-wide consensus on a fully separated corridor; corridor communities want to focus on delivering priority projects
  - **CONSTRUCTION, DESIGN / ROW:** Consolidating crossing projects realizes numerous construction and delivery benefits, as well as potential efficiencies from coordinating project implementation
  - **COST / FUNDING:** Identifying priority projects helps region to identify complete funding for high-impact projects as quickly as possible

Partners Desire…

- A **consolidated and coordinated program to accelerate delivery** of grade separation projects and to strategically pursue funding
- A **proactive and consistent Caltrain role** in delivering grade separation projects and **leveraging institutional knowledge**
- A **consistent and transparent process** for grade separations
- An **active, integrated role for cities** to reflect community vision through delivery of the program project

Throughout the life of the CCS, we have presented at…

- 12 LPMG Meetings
- 12 CSCG Meetings
- 8 PPG Meetings
- 2 AMP/JPB Meetings
- 10+ Other (CAC, BATAC, etc)

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Delivery Guide Update

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From Numerous Meetings, Partners Desire…

A consolidated and coordinated program to accelerate the delivery of grade separation projects and to strategically pursue funding

That Caltrain take a proactive and consistent role in delivering grade separation projects

A consistent and transparent grade separation process

A continued role for cities and a need for a grade separation program to reflect community vision

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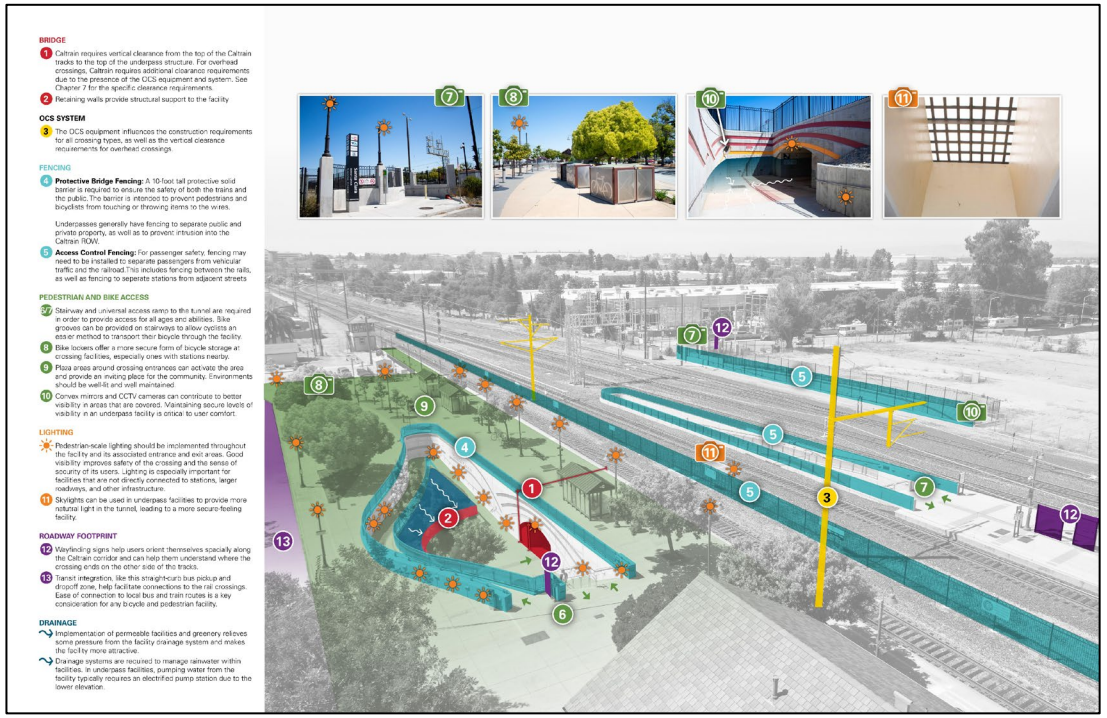
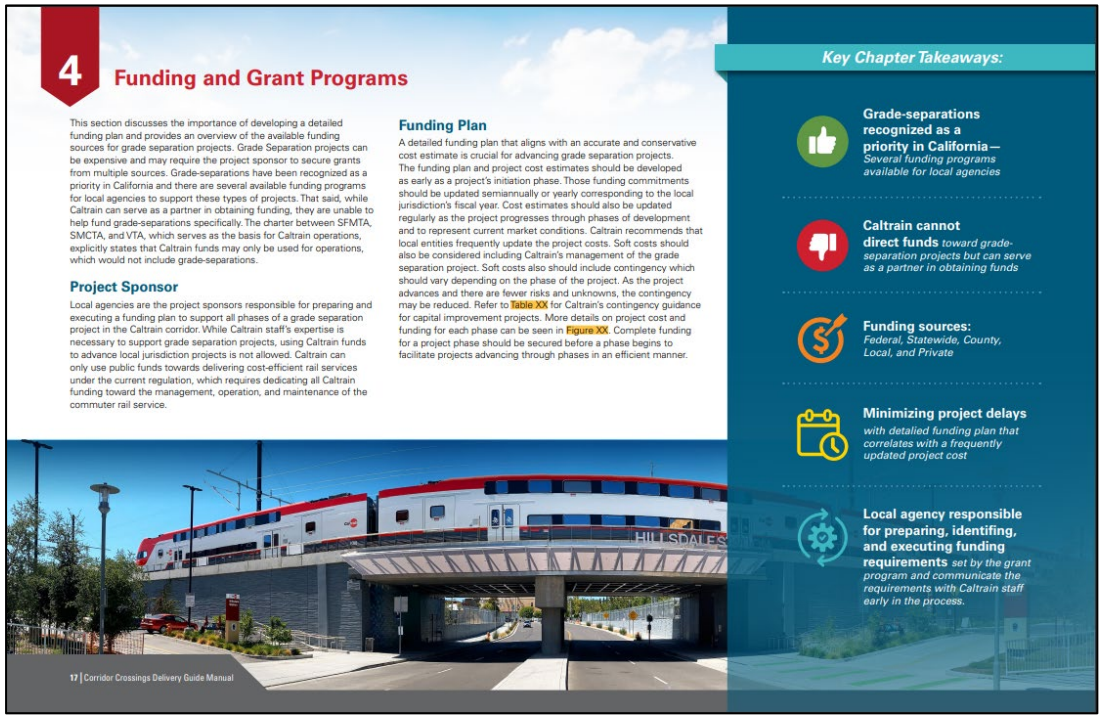
DRAFT Crossings Delivery Guide

- Graphically engaging, easy to read guidance
- Design standards + project development and delivery





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DRAFT Crossings Delivery Guide – Outline and Structure

Background

- Corridor Overview
- Regulatory Environment
- At-Grade Rail Crossings

Project Initiation

- Project Implementation Process
- Planning a Grade Separation
- Funding and Grant Programs

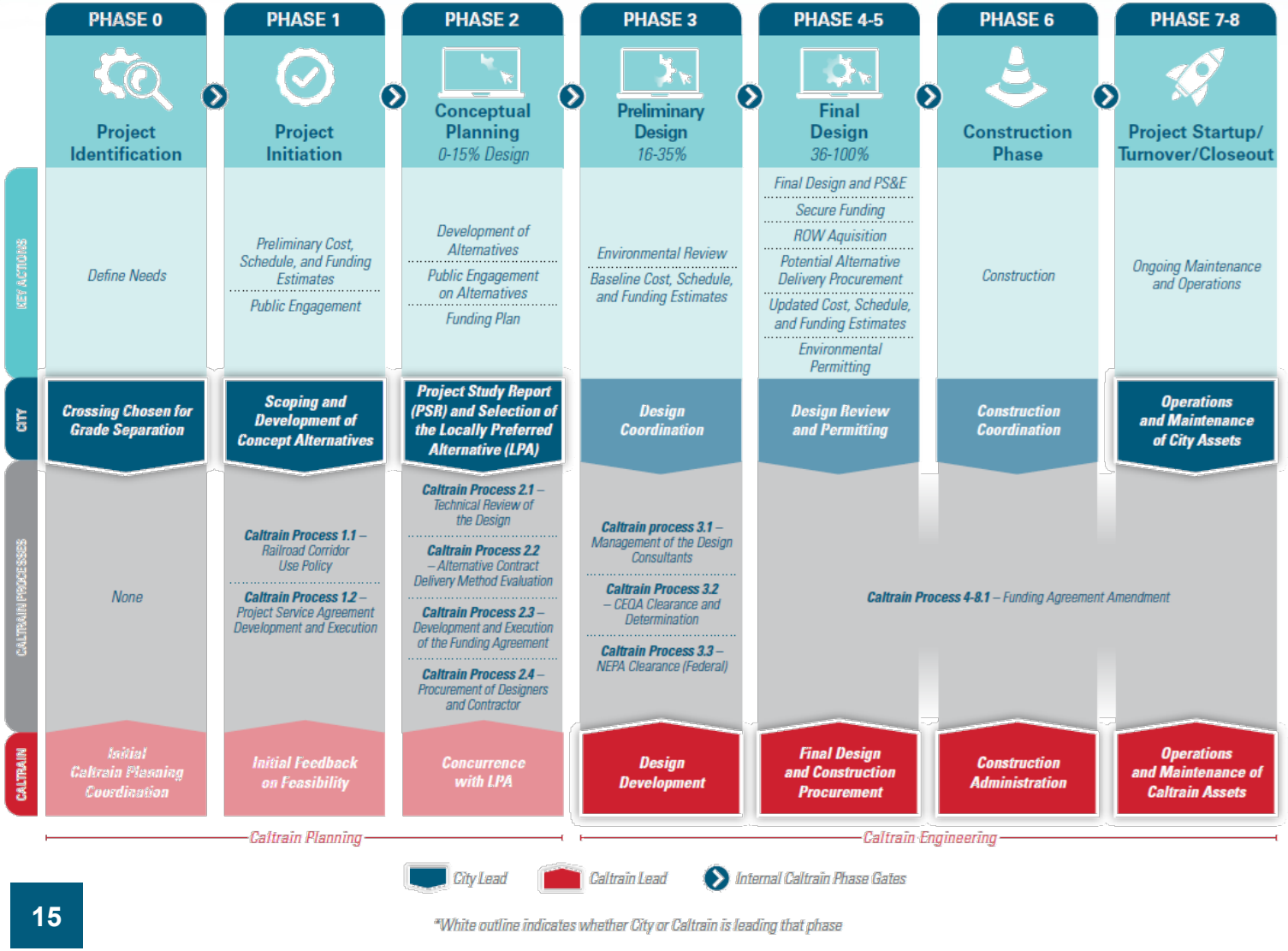
Grade Separations

- Key Considerations and Caltrain Design Criteria
  - *Governing Design Standards*
  - *Vertical Clearances for Overpasses*
  - *Vertical Clearances for Underpasses*
  - *Profile Grade*
  - *Horizontal Clearances*
  - *Structural Design*
  - *Design Variances*
  - *Operational Impacts*
  - *Grade Separation Components*
- Grade Separation Types

Project Delivery and Implementation

- Delivery Methods
- Construction methods

DRAFT Crossings Delivery Guide – Process Overviews



Project Phases and Tasks	City/Local Jurisdiction	Funding Agency	Caltrain	County
PHASE 3: 16-35% PRELIMINARY DESIGN			LEAD	
3.1: Develop Project Management Plan (PMP)	C	C	R A	I
3.2: Submit Complete Streets Checklist (for VTA 2016 Measure B funds only)	R A	C	C	I
3.3: Update the funding plan	R A	C	R	I
3.4: Advance design to 35% development	C	C	R A	C
3.5: Evaluate alternate Project Delivery Approaches (DBB, CM/GC, PDB) and make findings in a public meeting (JPB Board)	C	C	R A	I
3.6: Formation of a Technical Working Group (TWG)	C	C	R A	C
3.7: Develop Preliminary Public Art Plan	R A	C	C	I
3.8: Attend and present to City Councils as needed	R A	C	R A	I
3.9: Lead ongoing community outreach	R A	C	R	I
3.10: Lead the Environmental Clearances (CEQA, NEPA as required)	C	C	R A	I
3.11: Risk Assessment	C	C	R A	I
3.12: Update Project Cost /Budget	C	C	R A	I
3.13: Amend Cooperative Agreement / MOU for Final Design (if applicable)	R A	R A	R A	I
3.14: Issue RFP or Exercise Option for Final Design	C	C	R A	I
3.15: Review the bid	R A	R A	R A	I
3.16: Select consultant and issue Notice to Proceed (NTP) for Final Design	R A	R A	R A	I
3.17: Environmental Documentation	C	C	R A	I
3.18: Update Funding Plan	R A	C	R A	I
3.19: 35% Phase Gate Management Committee	C	C	R A	I
3.20: Prepare Staff Report and Board Resolution for JPB Board for Funding Agreement to advance the design to 100%	C	C	R A	I
3.21: Evaluate and Execute Alternate Project Delivery Pre-Construction Services Contract, or PDB, if applicable	C	C	R A	I

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November Workshop Recap

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From Numerous Meetings, Partners Desire…

A consolidated and coordinated program to accelerate the delivery of grade separation projects and to strategically pursue funding	That Caltrain take a proactive and consistent role in delivering grade separation projects	A consistent and transparent grade separation process	A continued role for cities and a need for a grade separation program to reflect community vision

NOVEMBER WORKSHOPS

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Workshop Overview

City/County Staff Coordinating Group (CSCG) and CCS Project Partner Group (PPG) Workshop

- November 15 in Mountain View
- 19 total attendees
- As part of breakout activity, attendees were asked to discuss in detail how a coordinated program approach to corridor crossings could be implemented
- Attendees assigned corridor entities to various tasks associated with an approach
- Attendees ultimately settled on the idea of a “Corridor Crossings Investment Program”

Local Policy Maker Group (LPMG) and Public Workshop

- November 30 in Mountain View
- 18 total attendees
- As part of breakout activity, attendees were asked to assign entities to a “develop, endorse, adopt” model for the Corridor Crossings Investment Program
- Attendees were also asked to define the cyclical process of the Program

November Workshop

- Agreement on the Corridor-wide Need
- Discussed Program Development
- Defined Components of Investment Program
- Discussed the Importance of Clear Roles and Responsibilities of an Integrated Program

November Workshop Feedback

City Staff Coordinating Group

Develop a **consistent multi-year program** to guide crossing investments **shared across corridor stakeholders**

Caltrain in position to **lead program development; endorsement** and **approval roles** for other stakeholders

Local Policy Maker Group

Confirmed staff feedback: strong structure of developing, endorsing, and adoption for a coordinated delivery and **funding approach**

Emphasized the corridor "mega" need and organized into **investment tiers**

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Next Steps

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Program Strategy Next Steps

- **January 2024**: Draft Program Strategy Report Summarizing the Technical Work and LPMG/CSCG insights and recommendations
- **First Quarter of 2024**: Continued collaboration with corridor partners, local jurisdictions, member agencies, and community partners
- **March and April 2024**: AMP and JPB presentations/direction of Program establishment and implementation