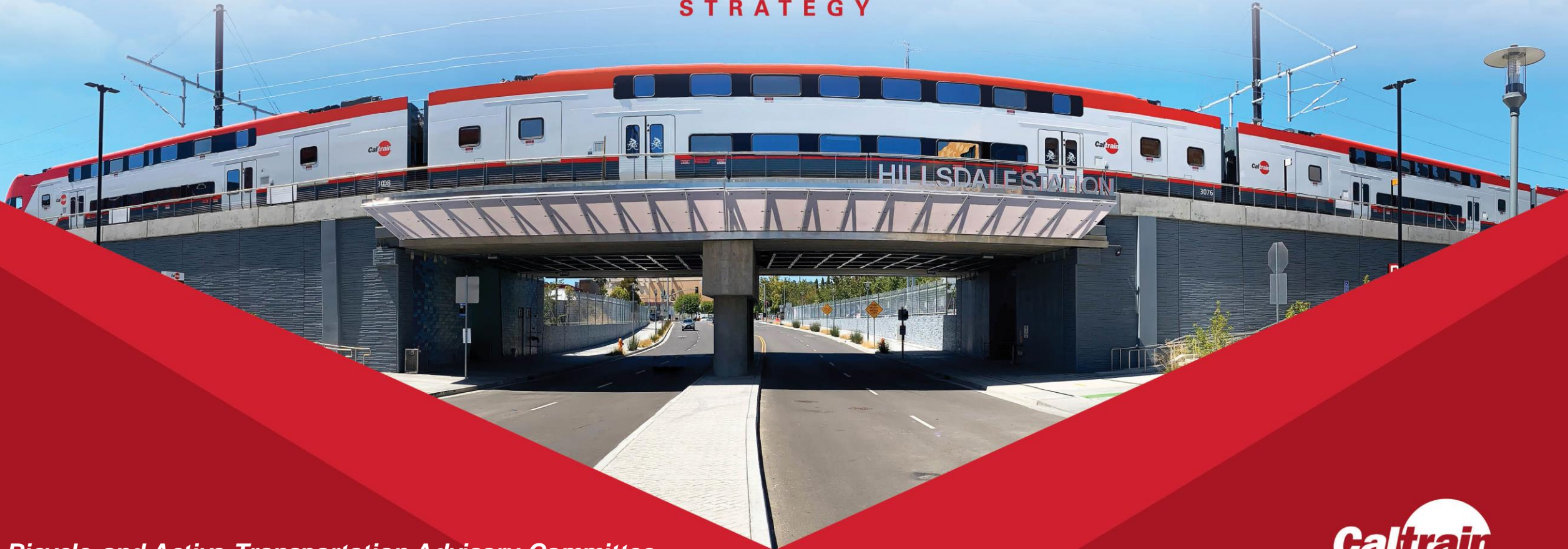




Corridor Crossings

STRATEGY



Bicycle and Active Transportation Advisory Committee

3.16.2023



Meeting Goals and Outcomes



**Introduction of CCS
Program**



Case Studies



**Program Strategy
Approach**

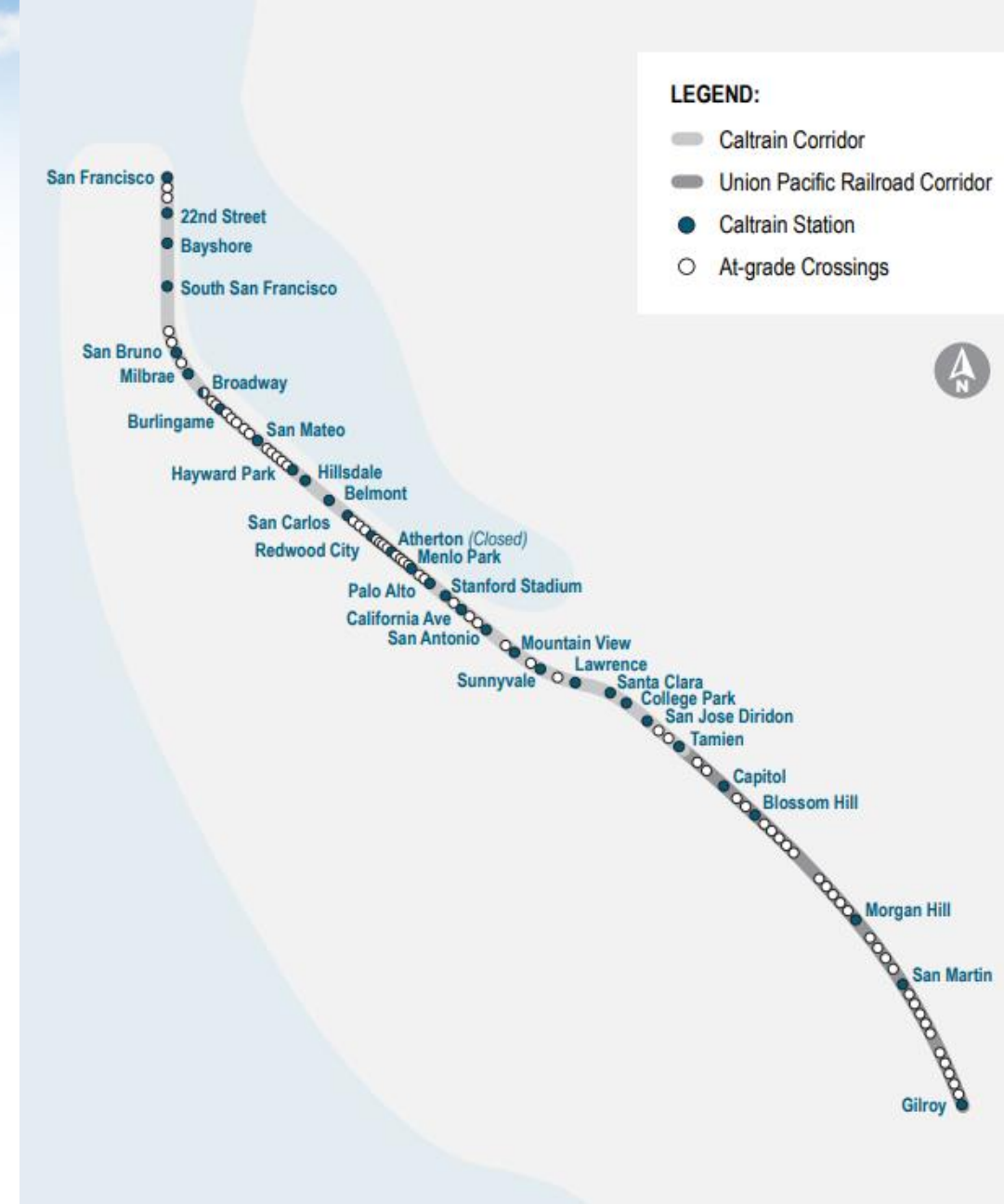
Program *Introduction*



Corridor Crossings
STRATEGY

Baseline Conditions

- **Current (2022) At-Grade Crossings**
 - ✓ 43 crossings on Caltrain corridor
 - 41 vehicular
 - 2 pedestrian
 - ✓ 28 crossings on Union Pacific Railroad (UPRR) corridor
- **Currently implemented on project-by-project basis and funding is largely first come, first serve**
- **Cities are responsible for project identification, inception, and funding**



Active Grade Separation/ Closure Projects

- 15 active grade separation, closure, and undercrossing projects (*displayed in table*)

*Castro Street: Crossing Closure and Construction of New Bike/Ped Only Undercrossing

**Middle Avenue: New Bike/Ped Only Undercrossing

**Bernardo Avenue: New Bike/Ped Only Undercrossing

COUNTY	PROJECT NAME	CROSSING STREET	PROJECT STAGE		
			PLANNING	ENVIRO.	DESIGN
San Francisco	Pennsylvania Avenue Extension	<ul style="list-style-type: none"> • Mission Bay Dr • 16th St At 7th 	✓		
San Mateo	South Linden Avenue and Scott Street Grade Separation	<ul style="list-style-type: none"> • S Linden Ave • Scott St 			✓
	Burlingame Broadway Grade Separation	<ul style="list-style-type: none"> • Broadway 			✓
	Whipple Avenue Grade Separation	<ul style="list-style-type: none"> • Whipple Ave • Brewster Ave • Broadway • Maple St • Main St • Chestnut St 	✓		
	North Fair Oaks Bicycle and Pedestrian Railroad Crossing and Community Connections Study	<ul style="list-style-type: none"> • 5th Avenue 	✓		
	Ravenswood Avenue Railroad Crossing Project	<ul style="list-style-type: none"> • Encinal Ave • Glenwood Ave • Oak Grove Ave • Ravenswood Ave 	✓		
	Middle Avenue Undercrossing**	<ul style="list-style-type: none"> • Middle Ave 	✓		
Santa Clara	Connecting Palo Alto	<ul style="list-style-type: none"> • Palo Alto Ave • Churchill Ave • Meadow Dr • Charleston Rd 	✓		
	Rengstorff Grade Separation	<ul style="list-style-type: none"> • Rengstorff Ave 			✓
	Mountain View Transit Center and Grade Separation*	<ul style="list-style-type: none"> • Castro St 			✓
	Mary Avenue Grade Separation	<ul style="list-style-type: none"> • N Mary Ave 	✓		
	Sunnyvale Avenue Grade Separation	<ul style="list-style-type: none"> • N Sunnyvale Ave 	✓		
	Bernardo Avenue Undercrossing**	<ul style="list-style-type: none"> • Bernardo Ave 	✓		
	Diridon Integrated Station Concept Plan	<ul style="list-style-type: none"> • Auzerais Ave • West Virginia St 	✓		
	Southern San José Grade Separations Project	<ul style="list-style-type: none"> • Skyway Dr • Branham Ln • Chynoweth Ave 	✓		

*Crossing Closure and Construct Bike/Ped Only Crossings **Bike/Ped Only Crossings



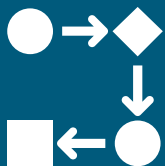
Purpose

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



Outcomes



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

Timeline



Case Study *Summary*



Corridor Crossings
STRATEGY

Case Studies

GOAL

Understand how other agencies have approached grade separation projects/programs and to identify the possibilities

Peer Agencies include:



METRO
LINK



Elements of exploration for each case study include:

- Delivery approach
- Organizational model
- Prioritization and responsibility
- Funding types

Approach Spectrum

Approach A: Independent Projects



- Project-by-project approach/management
- Local funding plan
- Aspirational goal, but no timeline
- Current approach for Caltrain

Approach B: Coordinated Projects



- Regionally coordinated approach to corridor funding
- Interjurisdictional communication about resources and schedule
- Coordinated corridor project delivery
- Aspirational goal with timeline

Approach C: System-wide



- Transparent and consistent methodology
- Robust and centralized project delivery
- Corridor-wide and regional funding
- Consistent project champion
- Aggressive goal with timeline

Program Strategy *Approach*



Developing a Shared Strategy



Technical Exploration Topics



Technical Exploration Topics



Program Strategy Goals

Safe and Equitable Mobility



Eliminate collisions along the corridor



Improve access and circulation for all modes



Provide mobility choices during construction

Equitable Community Benefits



Establish a framework for equitable investments



Foster placemaking



Improve quality of life and reduce environmental impacts for neighboring communities

Cost Efficiencies & Reliable Funding



Facilitate design approaches and innovation that enable corridor delivery



Streamline program delivery methods to reduce overall costs



Leverage existing committed funding and promote new and stable funding sources

Implementable Program



Define clear roles for Caltrain and its partners



Accelerate construction and reap schedule efficiencies



Establish clear program corridor objectives for delivery



Organize partnerships for successful program delivery

Maximize Rail Corridor Utility



Support implementation of adopted service vision



Sustain service during construction



Promote quality passenger experience and improve reliability



Leverage value created by grade separations and/or closure

2023 Engagement Schedule

	2023											
	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Local Policy Maker Group	●	●	●	●	●	●	●	●	●	●	●	●
City/County Staff Coordinating Group	●	●	●	●	●	●	●	●	●	●	●	●
Project Partner Group	●	●	●	●	●	●	●	●	●	●	●	●
JPB Advocacy and Major Projects*				●			●		●		●	
Joint Powers Board					●			●		●		●
General Manager Group				●			●		●			●
Stakeholder Awareness Team				●		●			●		●	
Citizens Advisory Committee			●			●			●		●	
Bicycle and Active Transportation Advisory Committee			●				●		●		●	

*JPB Subcommittee

Contact Information

Launch of Program Website:
<https://www.caltrain.com/projects/corridor-crossings-strategy>



Contact Email:
CCS@caltrain.com