

CALIFORNIA HIGH-SPEED RAIL

SAN FRANCISCO TO SAN JOSE

PROJECT SECTION UPDATE

Hosted by: North Fair Oaks Community Council

April 25, 2019

North Fair Oaks, CA



CALIFORNIA
High-Speed Rail Authority

MEETING AGENDA

Introduction

**Statewide
Update**

**Project Section
Update**

**Outreach
Update**

Q&A

Introductions

Statewide Update

Project Section Update

Outreach Update

Q&A



HIGH-SPEED RAIL **STATEWIDE UPDATE**

CONNECTING CALIFORNIA



**INCREASE
MOBILITY**



**BETTER
AIR QUALITY**



**NEEDED
ALTERNATIVE**



**JOB
GROWTH**



STATEWIDE CONNECTIVITY

- Ties economies together
 - San Francisco to San Jose = **30 min**
 - San Jose to Fresno = **60 min**
 - Bakersfield to Los Angeles = **60 min**
 - San Francisco to Los Angeles = **under 3 hrs**
- Connects with and reinforces local mobility
- Foundation for sustainable growth
- Opportunities for revitalization in downtown cores



WHAT HAPPENED 1990 – TODAY



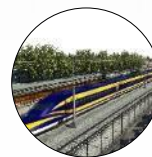
1996

Authority established



2008

Prop 1A



2016

Restart of HSR
Environmental Clearance &
Range of Alternatives



2017

Refinement of
HSR Alternatives



2018

New Leadership
2018 Business Plan



2011-12

Blended System
(SB1029
& 2012 Business Plan)



2012-15

Caltrain Electrification
Environmental & Blended
System Planning



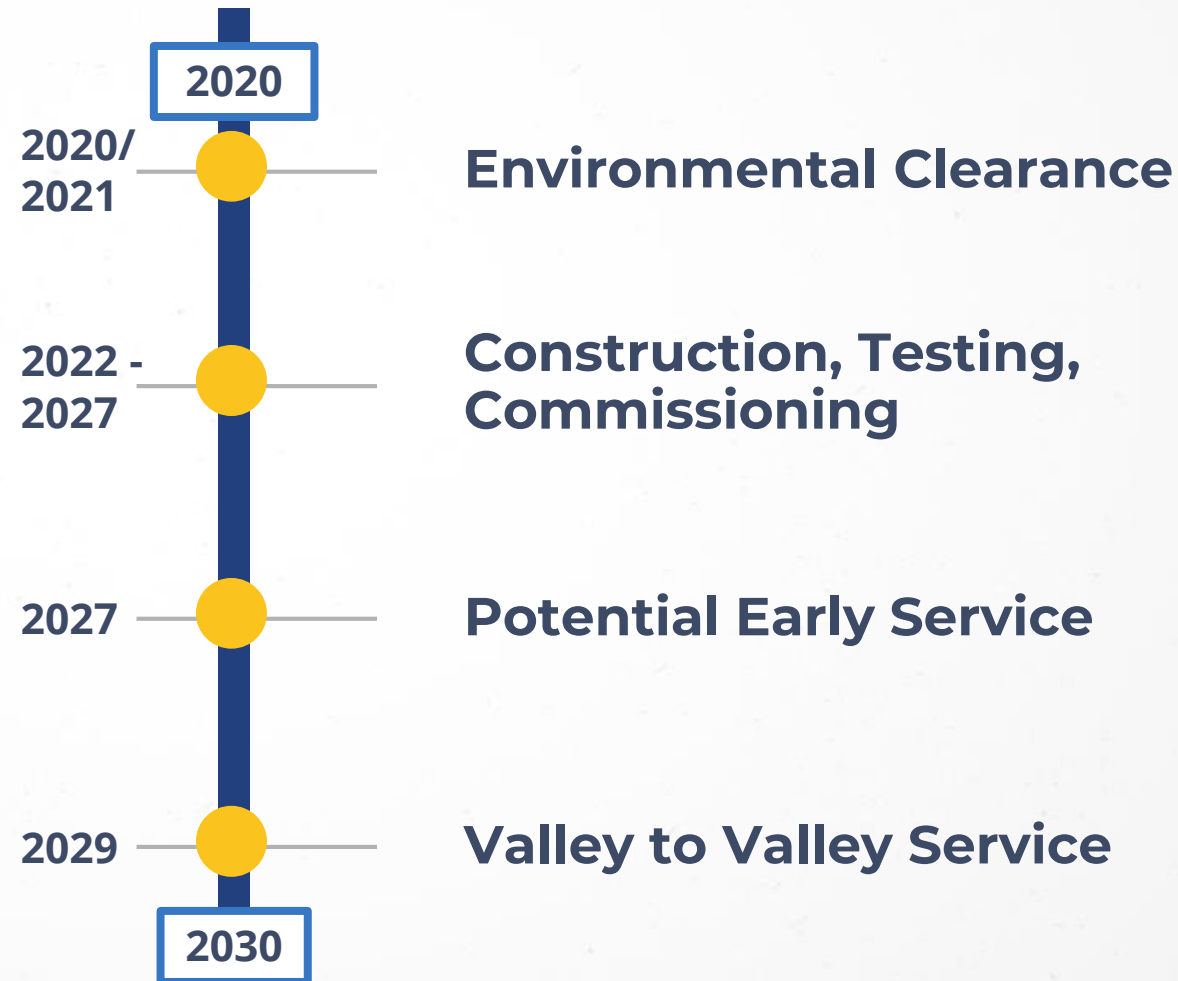
2017

Caltrain Electrification
Construction



2018 BUSINESS PLAN

Plan for Delivery of Service



CONSTRUCTION UPDATE

- **119 miles** under construction
 - Madera to north of Bakersfield
- Over **\$10 billion** total investment
- **21** active construction sites
- Over **2,466** craft laborers
- **100%** of steel/concrete is recycled

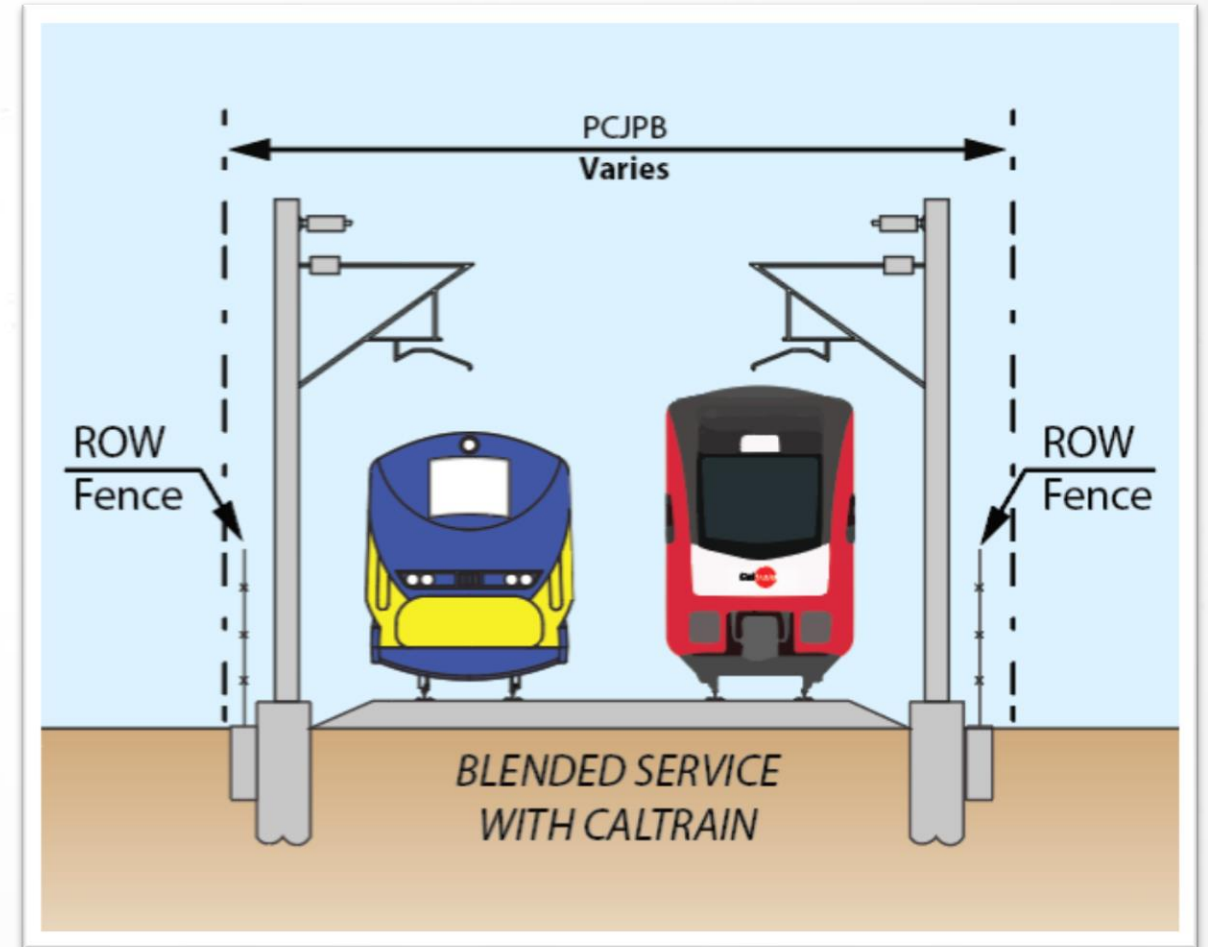


SAN FRANCISCO TO SAN JOSE PROJECT SECTION AND OUTREACH UPDATE

TYPICAL SECTION BLENDED AT-GRADE

Features:

- Uses existing Caltrain infrastructure
- Integrated train operations
- Common stations



SAN FRANCISCO TO SAN JOSE PROJECT SECTION

Range of Alternatives Under Consideration

Alternative A Features

- East Option Light Maintenance Facility
- No Additional Passing Tracks
- At-Grade throughout Project Section

Alternative B Features

- West Option Light Maintenance Facility
- Additional Passing Tracks
- Short Viaduct or Long Viaduct

 Short Viaduct

 Long Viaduct



 HSR Stations

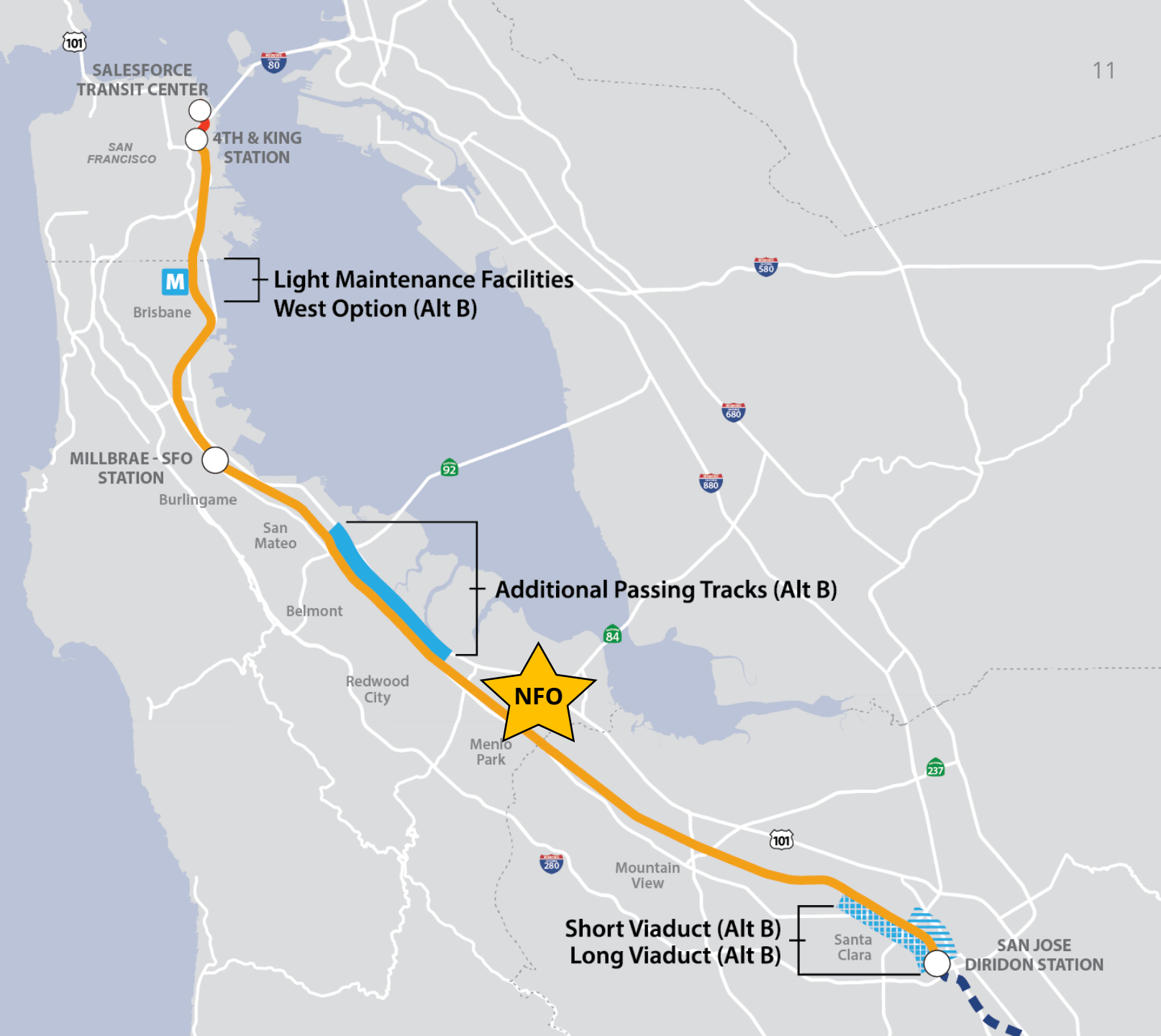
 Maintenance Facilities

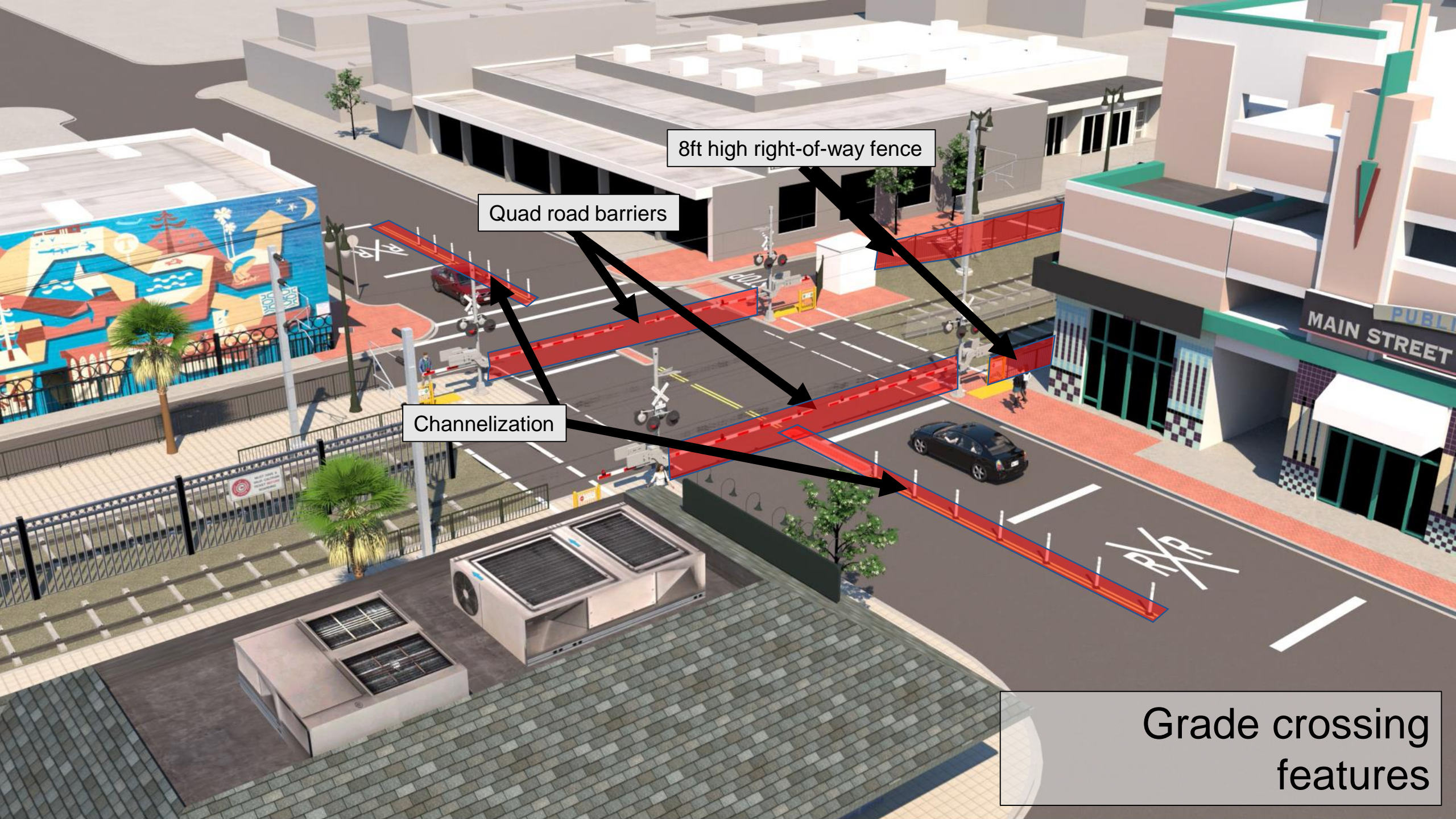
 San Jose to Merced Alignments

 Downtown Extension

High-Speed Rail Operations

INITIAL OPERATIONS	FULL OPERATIONS
Speed: 79 mph	Speed: 110 mph
Trains per hour	Trains per hour
	





8ft high right-of-way fence

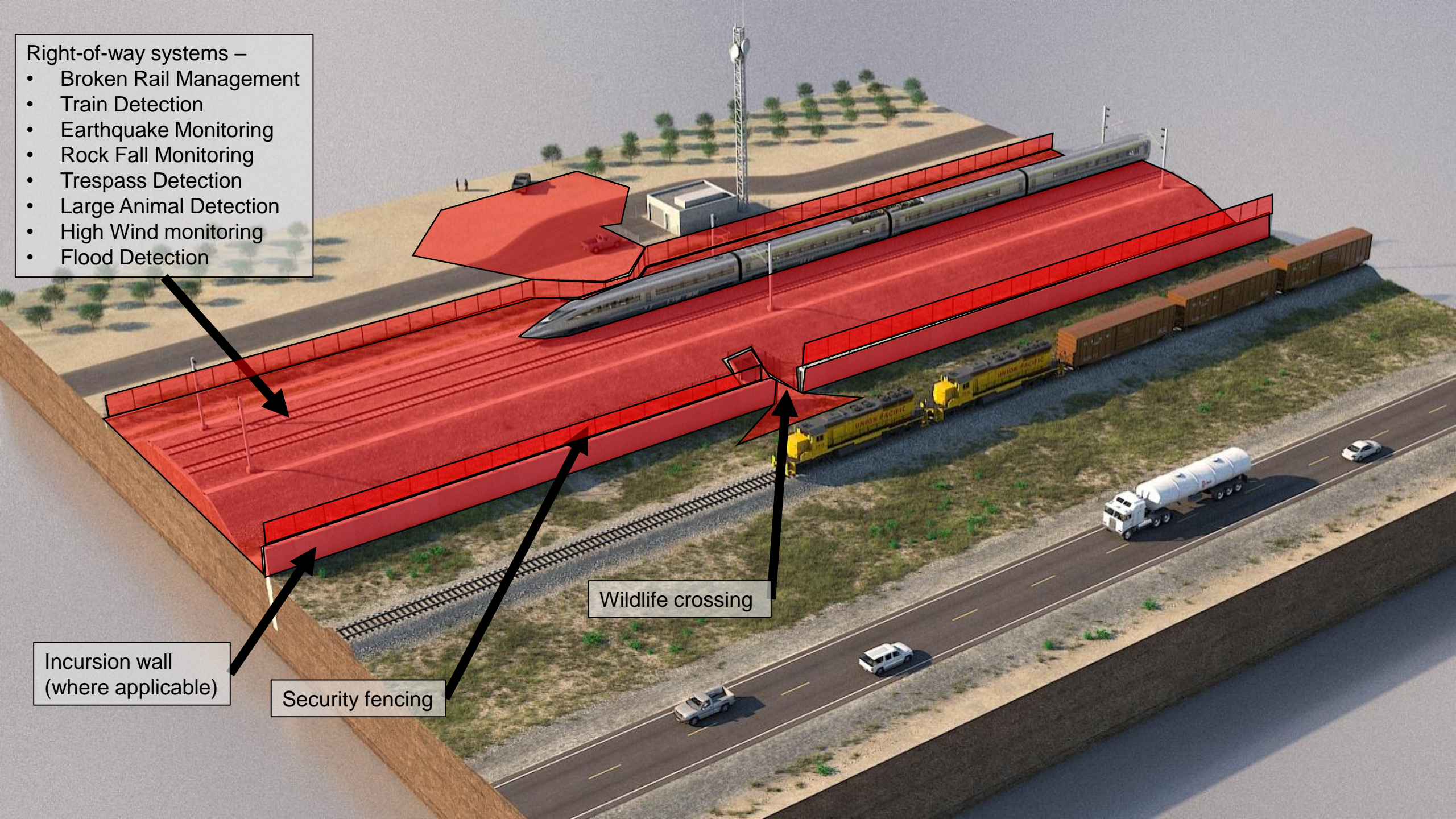
Quad road barriers

Channelization

Grade crossing features

Right-of-way systems –

- Broken Rail Management
- Train Detection
- Earthquake Monitoring
- Rock Fall Monitoring
- Trespass Detection
- Large Animal Detection
- High Wind monitoring
- Flood Detection

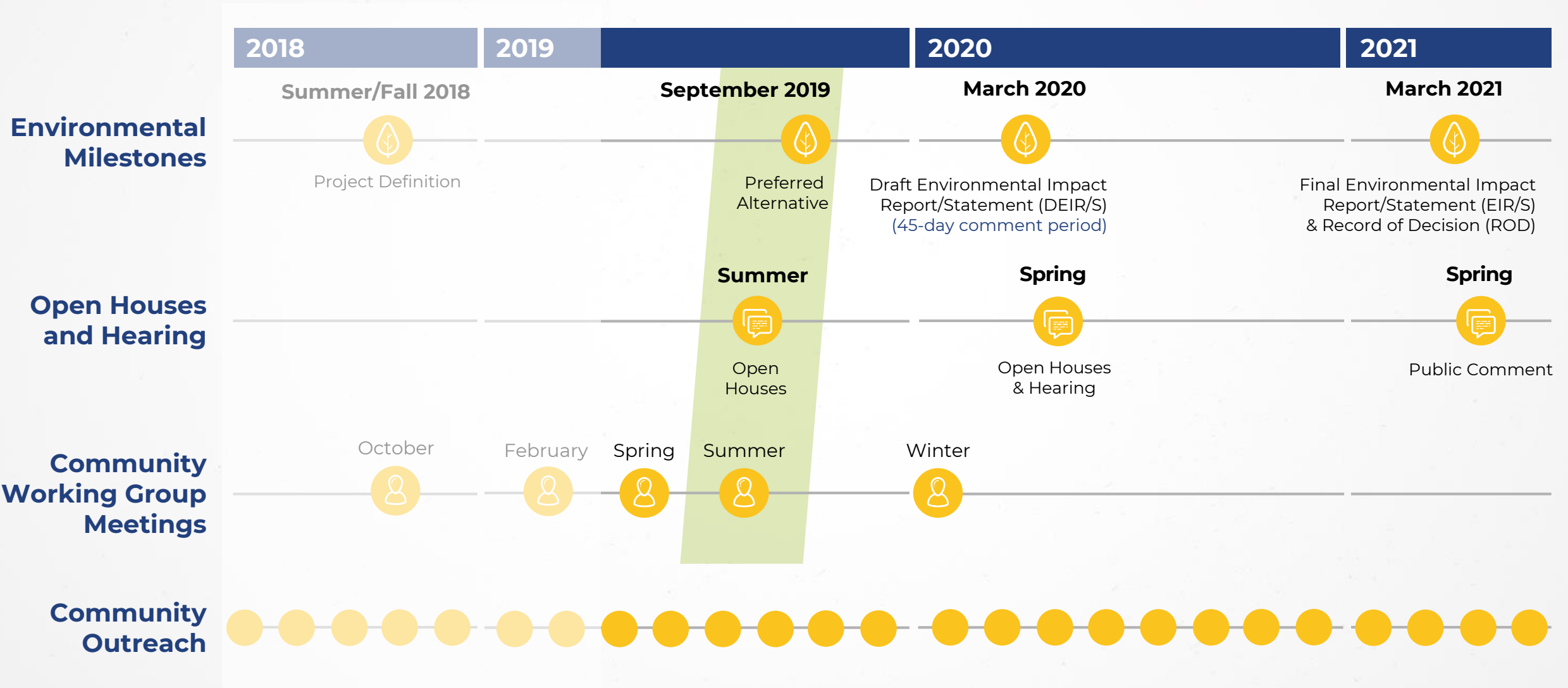


Incursion wall
(where applicable)

Security fencing

Wildlife crossing

SAN FRANCISCO TO SAN JOSE OUTREACH



SAN FRANCISCO TO SAN JOSE COMMUNITY OUTREACH

Next Steps

- In-language meetings and materials
 - North Fair Oaks (Spanish)
- Outreach with homeless and youth communities
- Informational tabling and sharing at community events
- Community partners: LifeMoves, Youth United

SAN FRANCISCO TO SAN JOSE

Community Outreach Fall 2018/Winter 2019



UPCOMING WORKING GROUP MEETINGS

WINTER 2019

San Mateo County CWG
March 12, 2019, 6:00 to 8:00 p.m.
Millbrae Community Center
Millbrae, CA

South Peninsula CWG
March 14, 2019, 6:00 to 8:00 p.m.
Sunnyvale Community Center
Sunnyvale, CA

San Francisco CWG
March 18, 2019, 6:00 to 8:00 p.m.
Bay Area Metro Center
San Francisco, CA

SPRING 2019

South Peninsula CWG
May 7, 2019, 6:00 to 8:00 p.m.
Santa Clara Central Park Library
Santa Clara, CA

San Mateo County CWG
May 20, 2019, 6:00 to 8:00 p.m.
San Mateo Senior Center
San Mateo, CA

San Francisco CWG
May 28, 2019, 6:00 to 8:00 p.m.
Bay Area Metro Center
San Francisco, CA



SAN FRANCISCO TO SAN JOSE FLYOVER VIDEO

<https://youtu.be/T7YHNpOj7sQ>

THANK YOU & HOW TO STAY INVOLVED

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