

SAN JOSE TO MERCED

PROJECT SECTION

**San Jose-Morgan Hill & Gilroy-Los Banos
Technical Working Groups Meeting**

February 19, 2019

Webinar



CALIFORNIA
High-Speed Rail Authority

MEETING OBJECTIVES

- Build understanding of rationale and process for identifying a **Preferred Alternative**
- Build understanding of the role of the **early train operator**
- Build understanding of **project benefits**
- Provide opportunity for TWG members to **ask questions** about the high-speed rail project

MEETING AGENDA

**Introductions
&
Agenda
Review**

**Rationale for
Preferred
Alternative**

**Early Train
Operator**

**Outreach
Update**

Introductions

Preferred Alternative

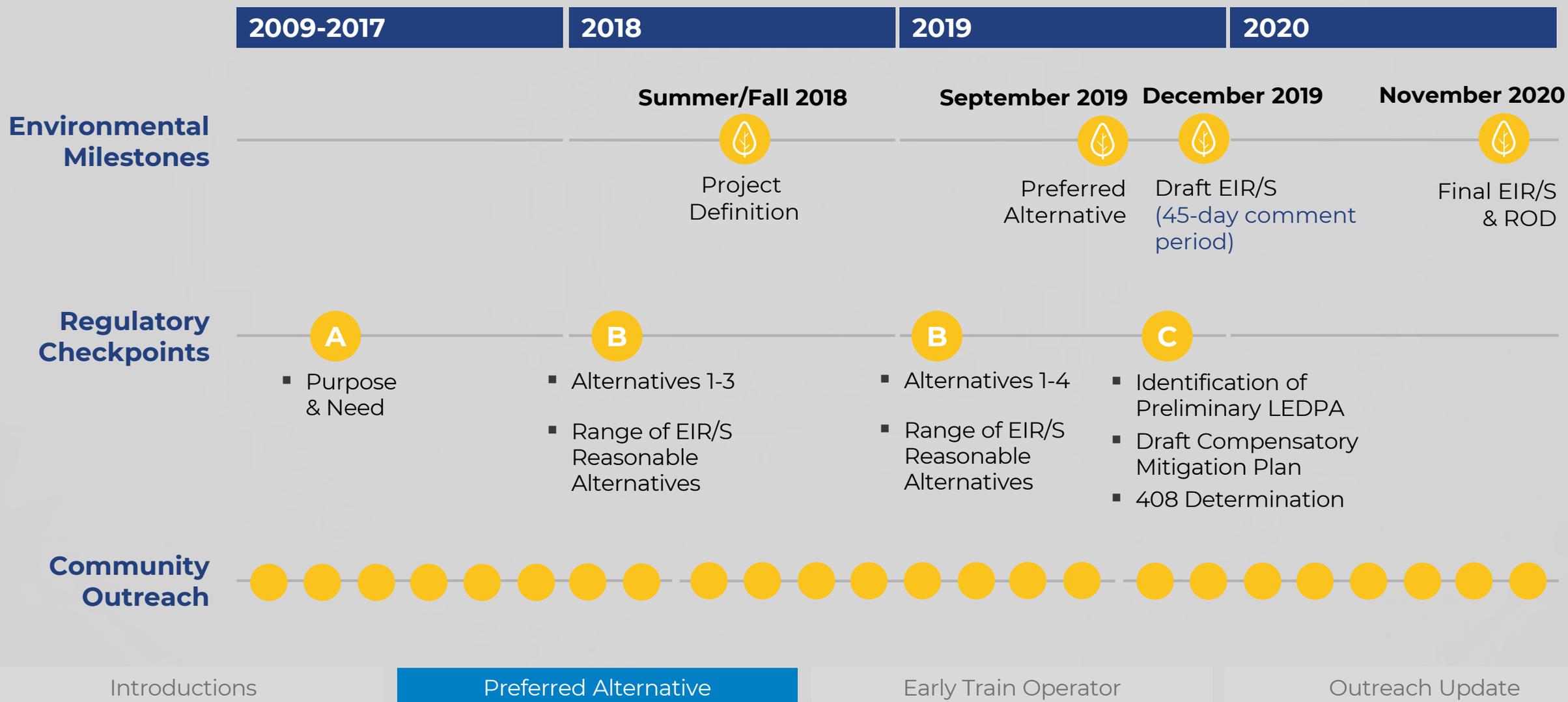
Early Train Operator

Outreach Update

RATIONALE FOR **PREFERRED ALTERNATIVE**

Dave Shpak, San Jose to Merced Deputy Project Manager

ENVIRONMENTAL PROCESS & IDENTIFYING A PREFERRED ALTERNATIVE



EVALUATION CRITERIA



- Prop 1A & HSR Business Plan
- HSR Purpose & Need
- HSR Design Criteria
- Feasibility

- Federal & State Regulations
- Practicability
- Environmental Differentiators

- Stakeholder Input on Staff Recommended PA

PROPOSITION 1A & HSR BUSINESS PLAN

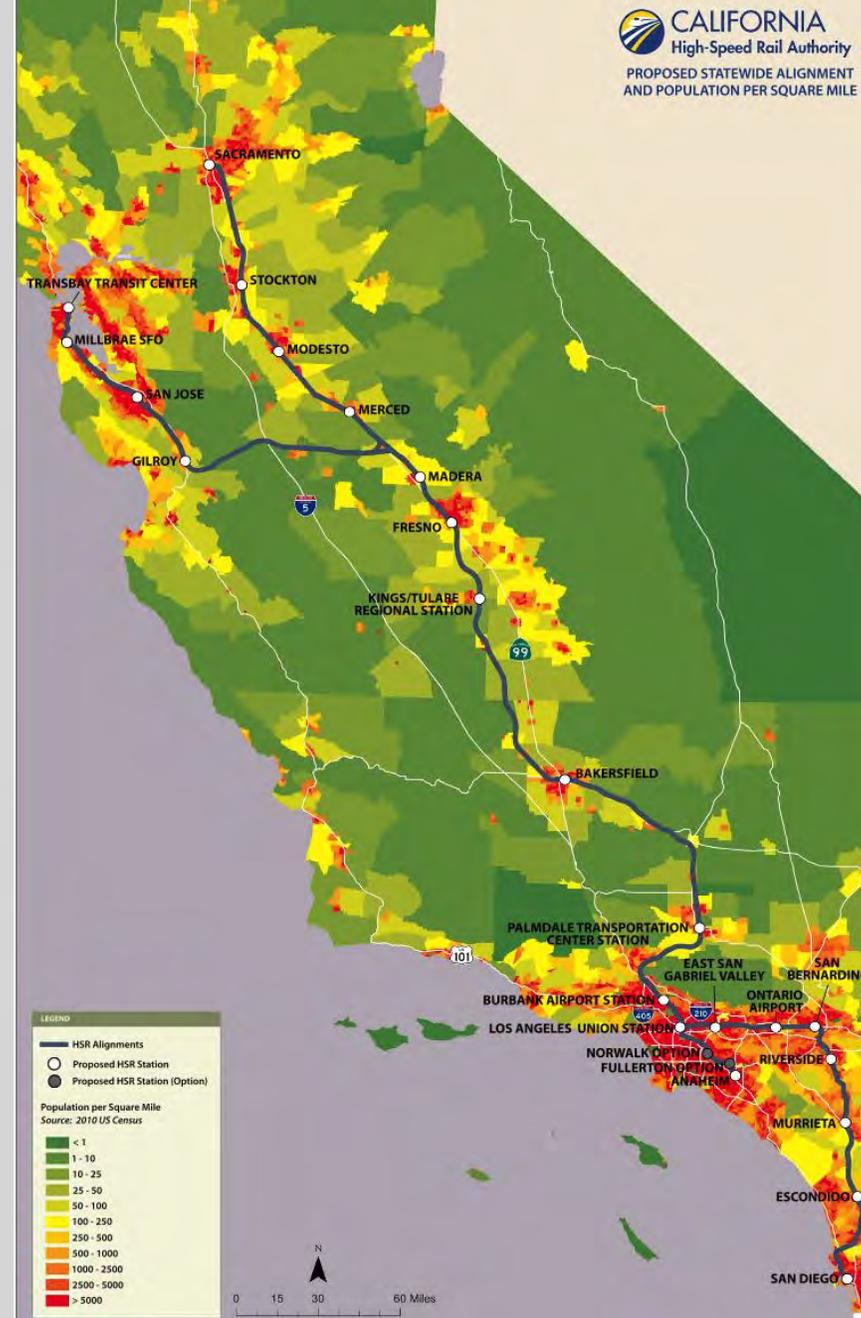
Safe, Reliable High-Speed Passenger Train Bond Act for the 21st Century Key Design Features:

- Identifies HSR station cities
- Identifies travel time between key city pairs (e.g. San Francisco to Los Angeles)
- >200 MPH with <5 minute headways
- Following existing transportation or utility corridors and preserving wildlife movement, where feasible
- Access to other modes of transit and minimize sprawl
- Financially viable



PURPOSE & NEED

- Service to more than 90% of the population of California
- Capable of operating at speeds of up to 220 mph on fully dedicated alignments
- Consistent with Proposition 1A
- Phased implementation to deliver early benefits



HSR DESIGN CRITERIA

Must meet HSR design standards:

- Speed
- Performance
- Comfort
- Safety
- Operations
- Maintenance



STEP ONE

FEASIBILITY

Constructible

- Construction access and work windows
- Proven construction methods
- Minimize construction impacts

Affordable

- Cost effective
- Meet Business Plan funding constraints
- Good steward of public funds

Maintainable

- Cost effective
- Durable (100 year service life)



KEY FEDERAL AND STATE ENVIRONMENTAL REGULATIONS

Federal Regulations

- Federal Clean Water Act (Sections 401, 402, 404, and 408) – Water quality, Wetlands and Waters of the U.S.; federal flood control projects
- Rivers and Harbors Act (Section 10) – Navigable waters
- U.S. Department of Transportation Act (Section 4(f)) – Publicly-funded Recreational Facilities, Wildlife Refuges, Listed Historic Resources
- National Historic Preservation Act (Section 106) – Cultural Resources
- Civil Rights Act (Title VI) – Environmental Justice
- Federal Endangered Species Act (Section 7) – Biological Resources
- National Environmental Policy Act – Environmental review of federal actions

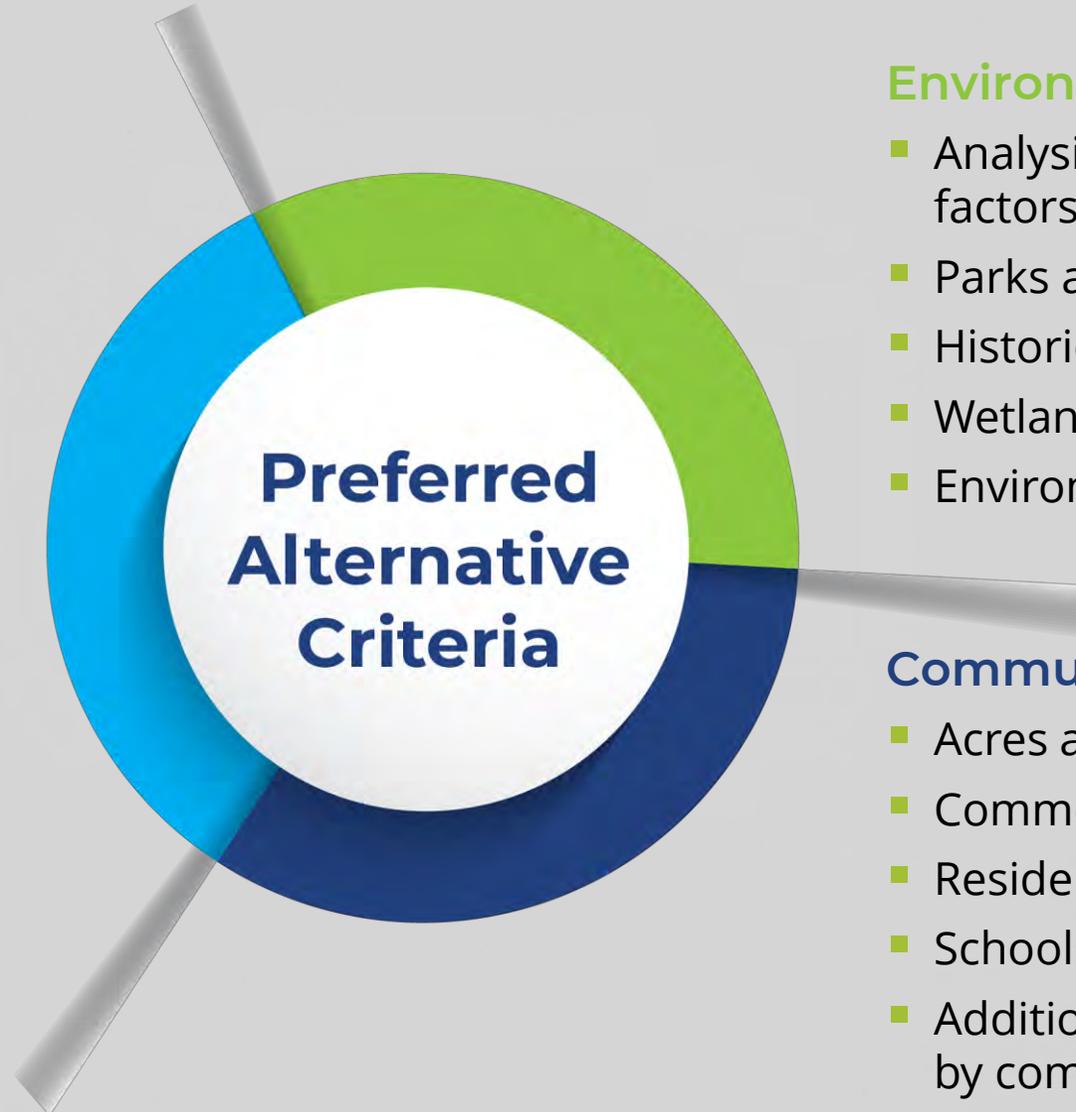
State Regulations

- California Environmental Quality Act – Environmental review of state actions
- California Endangered Species Act (Section 2081) – Rare, Threatened, and Endangered Species
- California Fish and Game Code (various sections) – Biological Resources
- Streambed Alteration (Section 1600 et seq.) – Lake and Streambed Alteration
- Porter-Cologne Water Quality Control Act – Waters of the state; water quality

PREFERRED ALTERNATIVE CRITERIA

System Performance, Operations, & Costs

- Alignment length
- Proximity to transit corridors
- Locational effects
- Speed and travel time
- Capital Costs
- O&M Costs



Environmental Factors

- Analysis will determine which factors are differentiators
- Parks and Recreation Areas
- Historical Sites
- Wetlands
- Environmental Justice

Community Factors

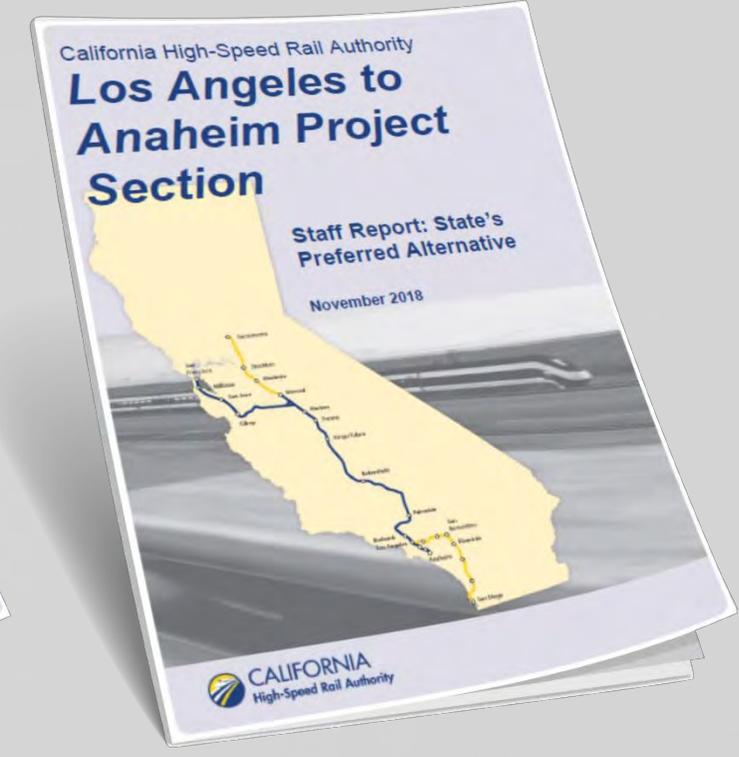
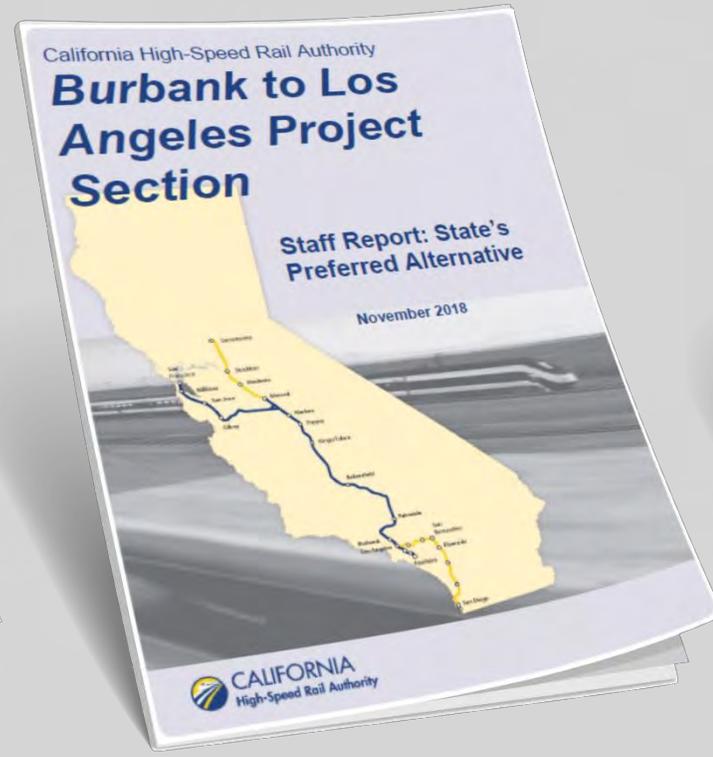
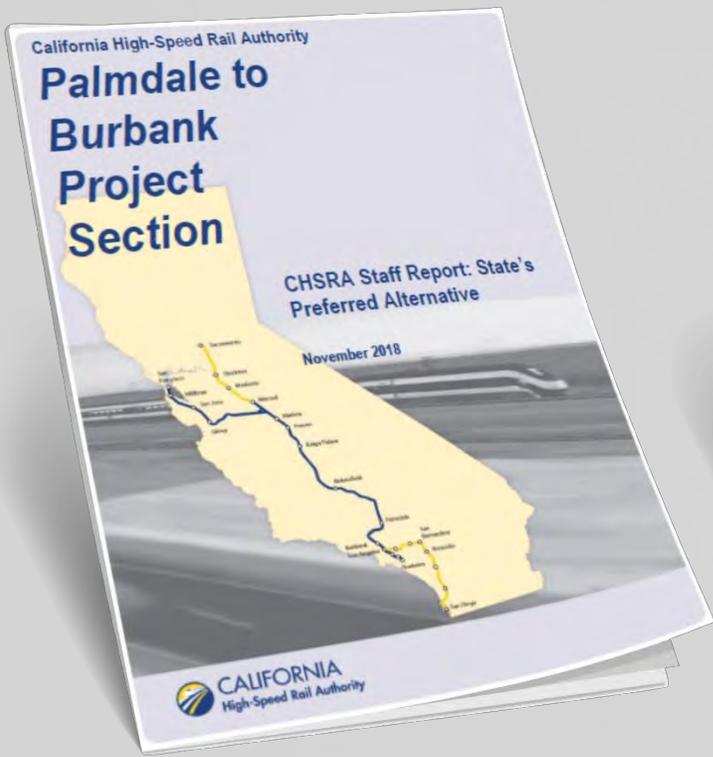
- Acres affected
- Commercial properties
- Residential units
- Schools
- Additional factors identified by communities

STEP TWO

POTENTIAL ENVIRONMENTAL FACTORS

- Aesthetics and Visual Quality
- Agricultural Farmland
- Air Quality and Global Climate Change
- Archaeological Resources
- Biological Resources
- Cultural and Historic Resources
- Electromagnetic Fields and Electromagnetic Interference
- Environmental Justice
- Geology, Soils, Seismicity, and Paleontological Resources
- Hazardous Materials and Waste
- Hydrology and Water Resources
- Noise and Vibration
- Parks, Recreation, and Open Space
- Public Utilities and Energy
- Regional Growth
- Safety and Security
- Socioeconomics and Communities
- Station Planning, Land Use, and Development
- Transportation
- Wetlands and Aquatic Resources

SOUTHERN CALIFORNIA STAFF REPORTS



PUBLIC INPUT ON PREFERRED ALTERNATIVE



STEP THREE

EARLY TRAIN OPERATOR

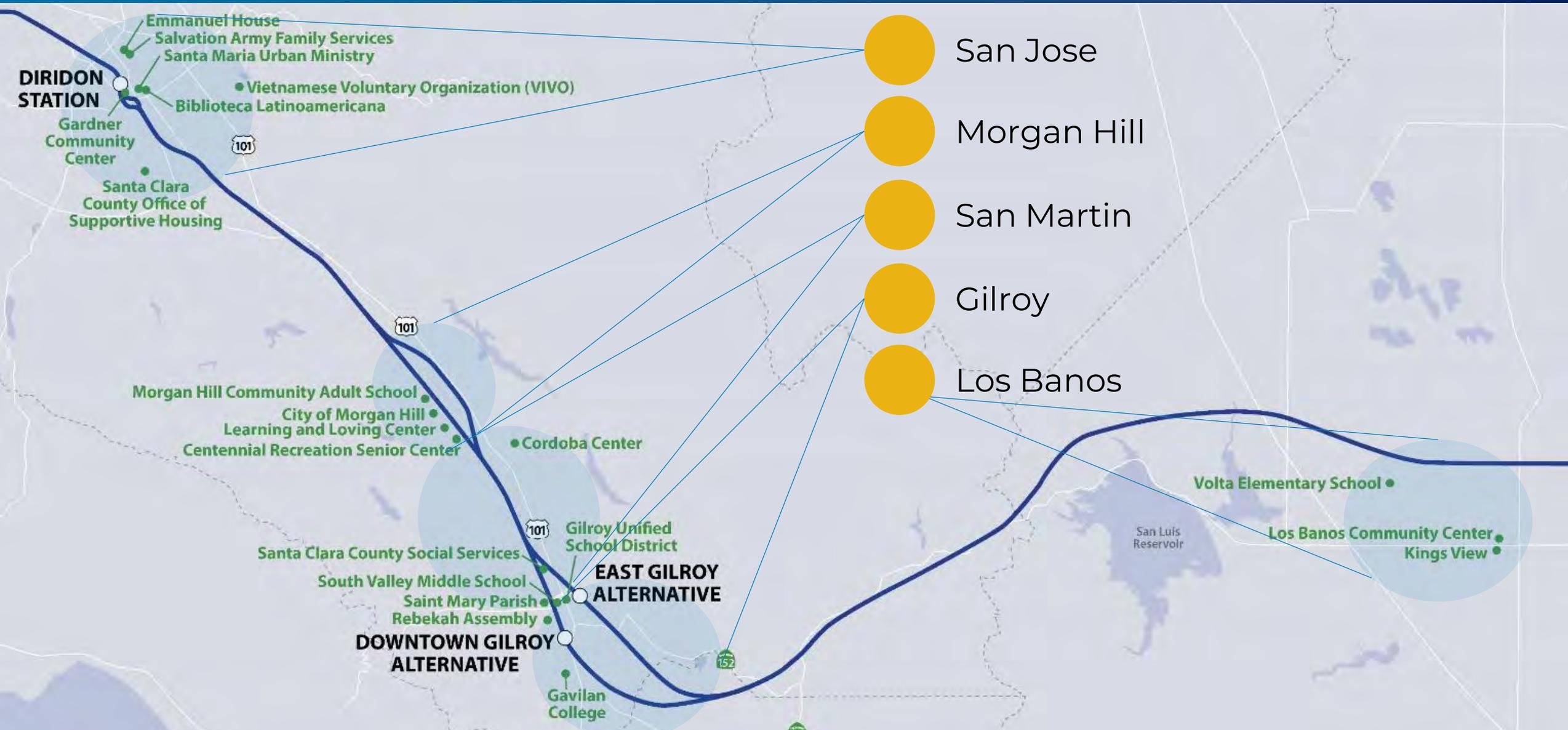
Jorge Rios & Hayden West, Early Train Operator

OUTREACH **UPDATE**

Morgan Galli, Interim Northern California Regional Stakeholder Manager

SAN JOSE TO MERCED COMMUNITY OUTREACH

Fall 2018/Winter 2019



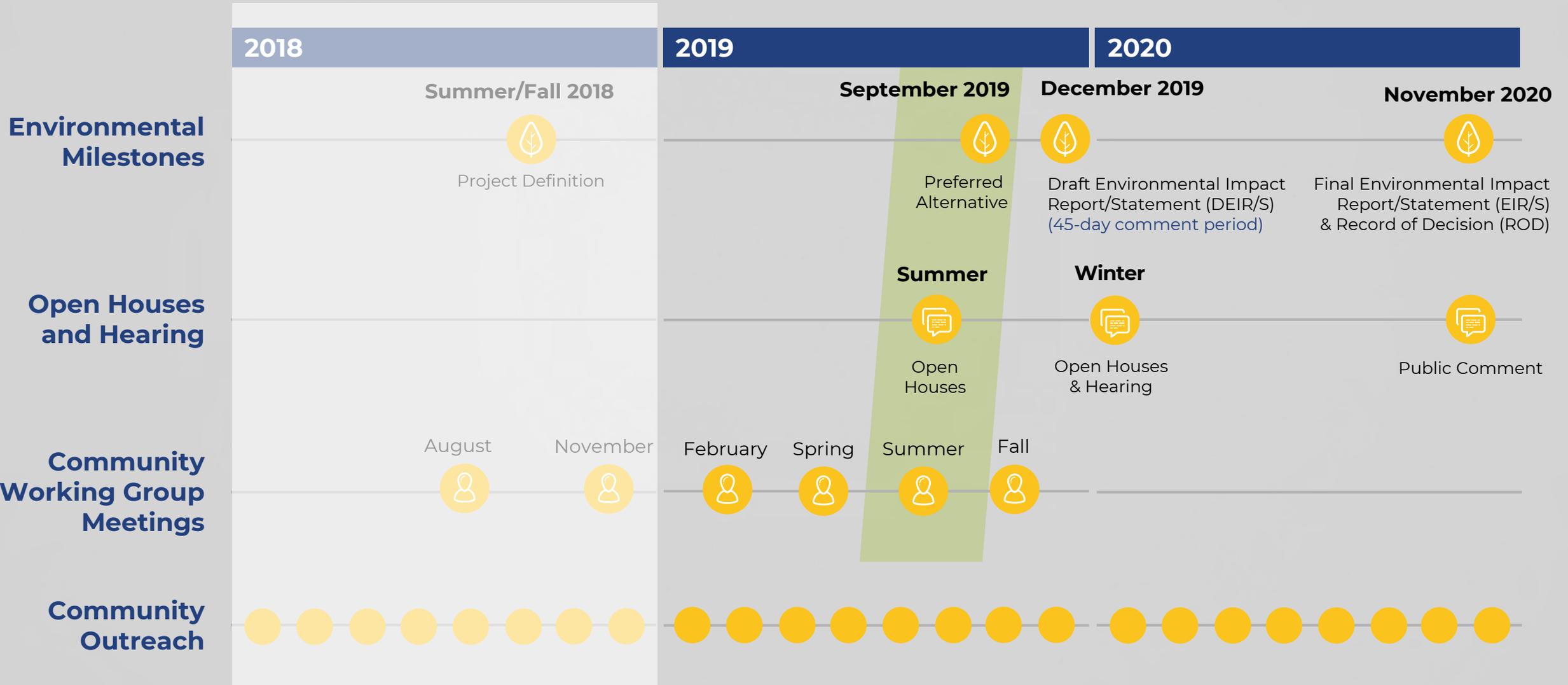
- San Jose
- Morgan Hill
- San Martin
- Gilroy
- Los Banos

SAN JOSE TO MERCED COMMUNITY OUTREACH

Next Steps

- In-language meetings and materials
 - Gardner Neighborhood (Spanish)
 - Santa Clara County Vietnamese Community (Vietnamese)
- Service provider meetings and small groups
- Informational tabling and sharing at community events

SAN JOSE TO MERCED OUTREACH



Introductions

Preferred Alternative

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UPCOMING WORKING GROUP MEETINGS

WINTER 2019

San Jose CWG

February 21, 6:00 to 8:30 p.m.

Edenvale Branch Library

San Jose, CA

Morgan Hill-Gilroy CWG

March 5, 6:00 to 8:00 p.m.

Morgan Hill Community & Cultural Center

Morgan Hill, CA

SPRING 2019

San Jose-Morgan Hill
& Gilroy-Los Banos TWG

April 16, Time TBD

Webinar

San Jose CWG

April 18, 6:00 to 8:30 p.m.

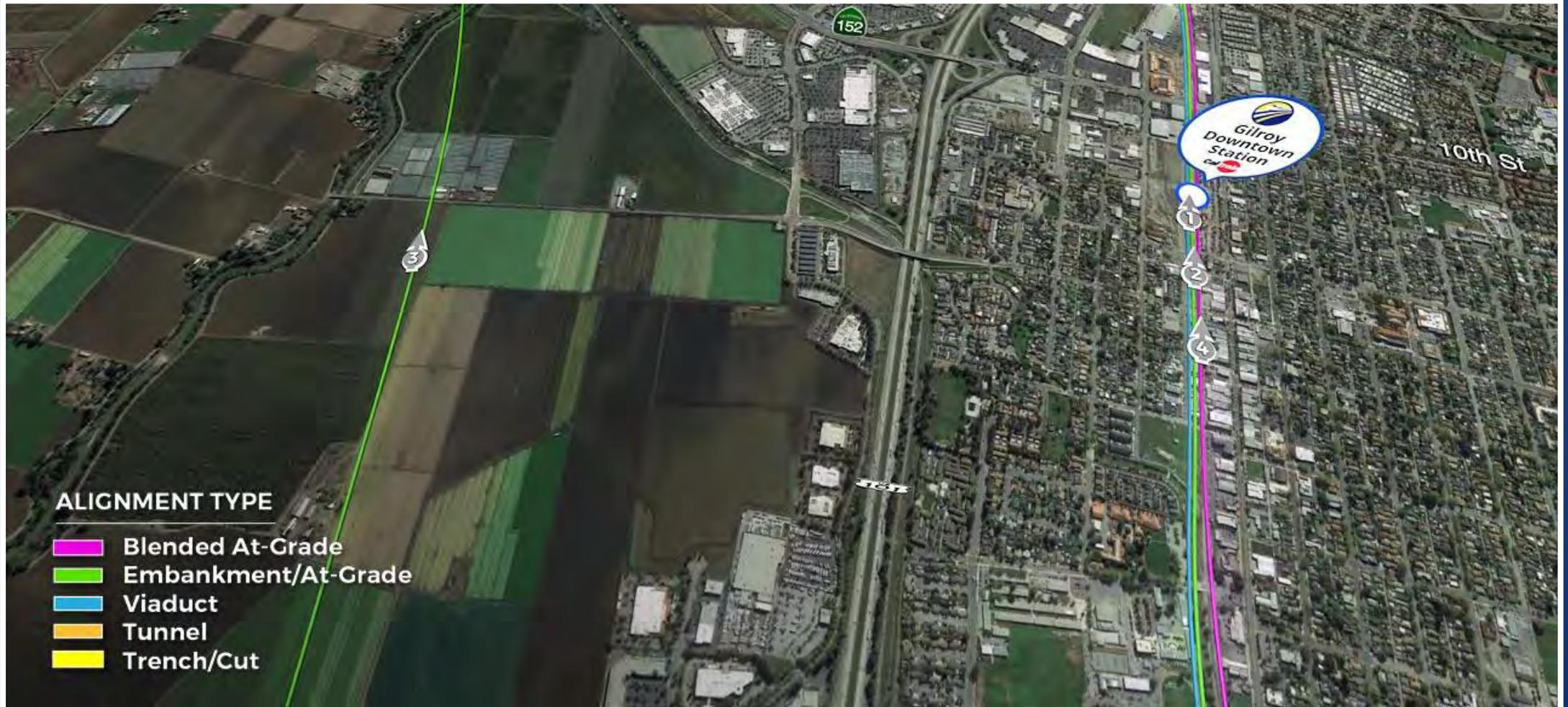
Venue TBD

San Jose, CA

Morgan Hill-Gilroy CWG

April 22, 6:00 to 8:00 p.m.

Location TBD



SAN JOSE TO MERCED **FLYOVER VIDEO**

THANK YOU & HOW TO STAY INVOLVED

HELPLINE 1-800-455-8166

WEBSITE www.hsr.ca.gov

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