

CALIFORNIA HIGH-SPEED RAIL NORTHERN CALIFORNIA REGION

Transbay Joint Powers Authority Citizens
Advisory Committee

November 12, 2019



STATEWIDE PROGRAM



CONNECTING CALIFORNIA

CALIFORNIA HIGH-SPEED RAIL



Increase Mobility



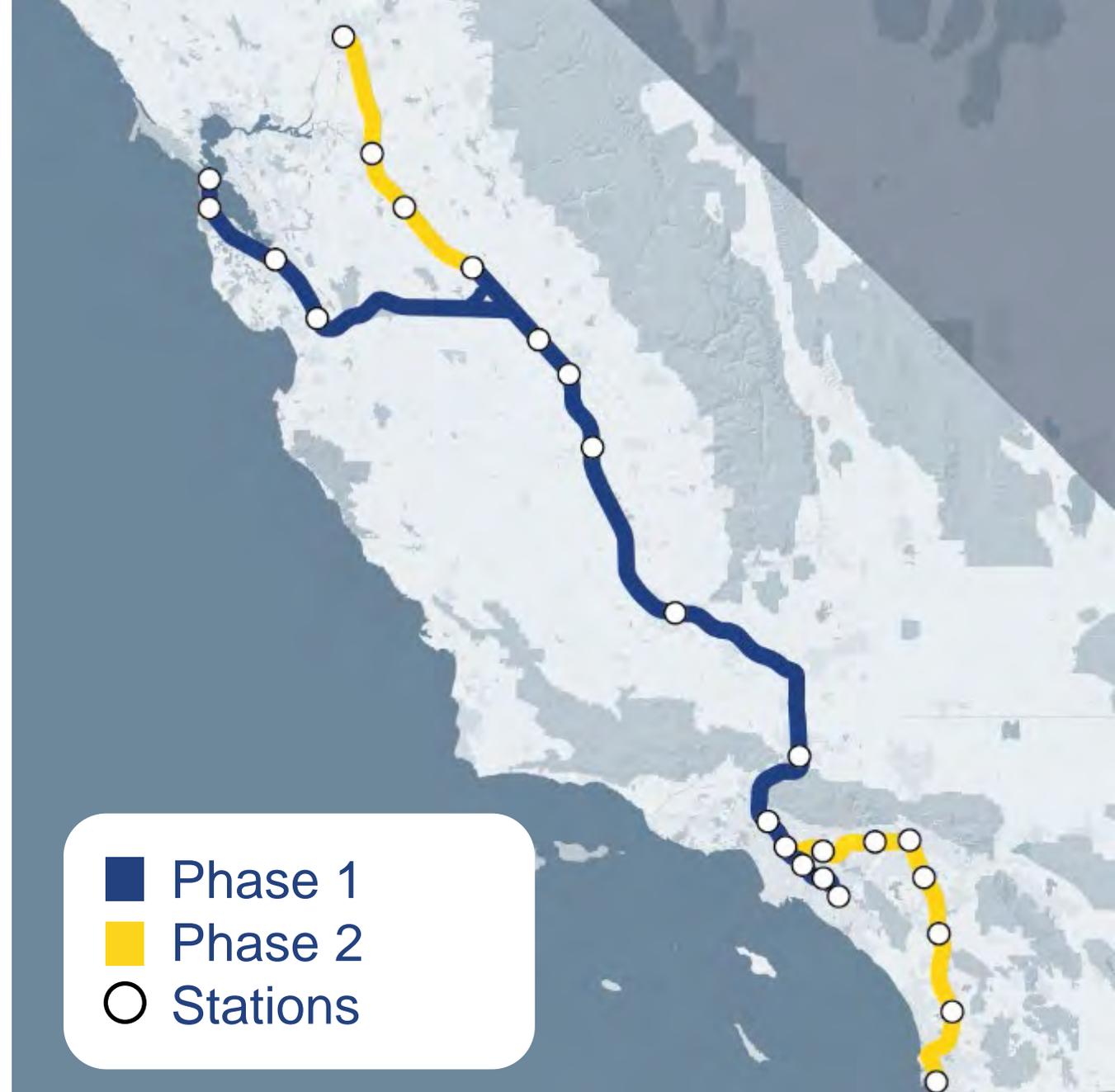
Needed Alternative



Better Air Quality



Job Growth



CALIFORNIA HIGH-SPEED RAIL: IT'S HAPPENING!

Governor Newsom's commitment:

- "... we will continue our regional projects north and south. We'll finish Phase 1 environmental work. We'll connect the revitalized Central Valley to other parts of the state, and continue to push for more federal funding and private dollars" (February 2019 State of the State address)

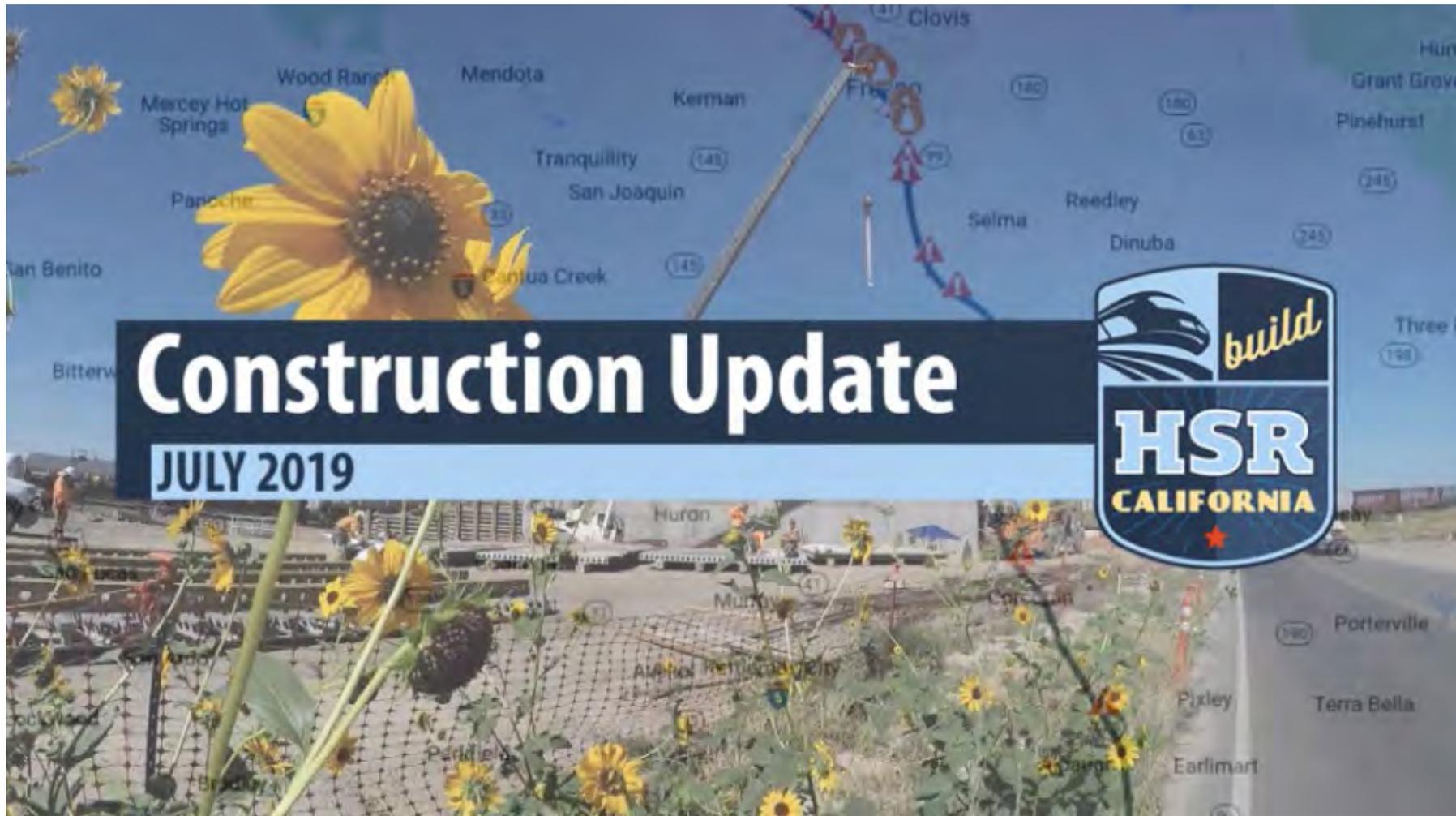


CALIFORNIA HIGH-SPEED RAIL: IT'S HAPPENING!

- Over **\$5 billion** invested
- Over **119 miles** under construction
- Over **24** active construction sites
- Over **3,000** construction jobs created in the Central Valley



CONSTRUCTION UPDATE



[HTTPS://WWW.YOUTUBE.COM/WATCH?V=J9VXYPDYNHM&T](https://www.youtube.com/watch?v=J9VXYPDYNHM&T)



JOBS AND SMALL BUSINESSES

buildHSR.com/HSRinvestment

Providing Benefits Now

- 167 of 512 small businesses are located in disadvantaged communities

State Representation

- 188 Northern California
- 150 Central California
- 158 Southern California
- 16 out of state



2019 PROJECT UPDATE REPORT

CALIFORNIA HIGH-SPEED RAIL

Key Themes

- Builds on 2018 Business Plan
- Refocusing delivery around “building block” approach
- Deliver what we can with what we have
- Demonstrate benefits ASAP
- Continue advancing San Francisco to LA/Anaheim system

Next Steps

- 2020 Business Plan



NORTHERN CALIFORNIA PROJECT SECTIONS



BAY AREA RAIL PROJECTS

**Caltrain
Electrification**



**Diridon Integrated
Station Concept**



**BART Extension
to San Jose**



**High-Speed Rail
Introduction**



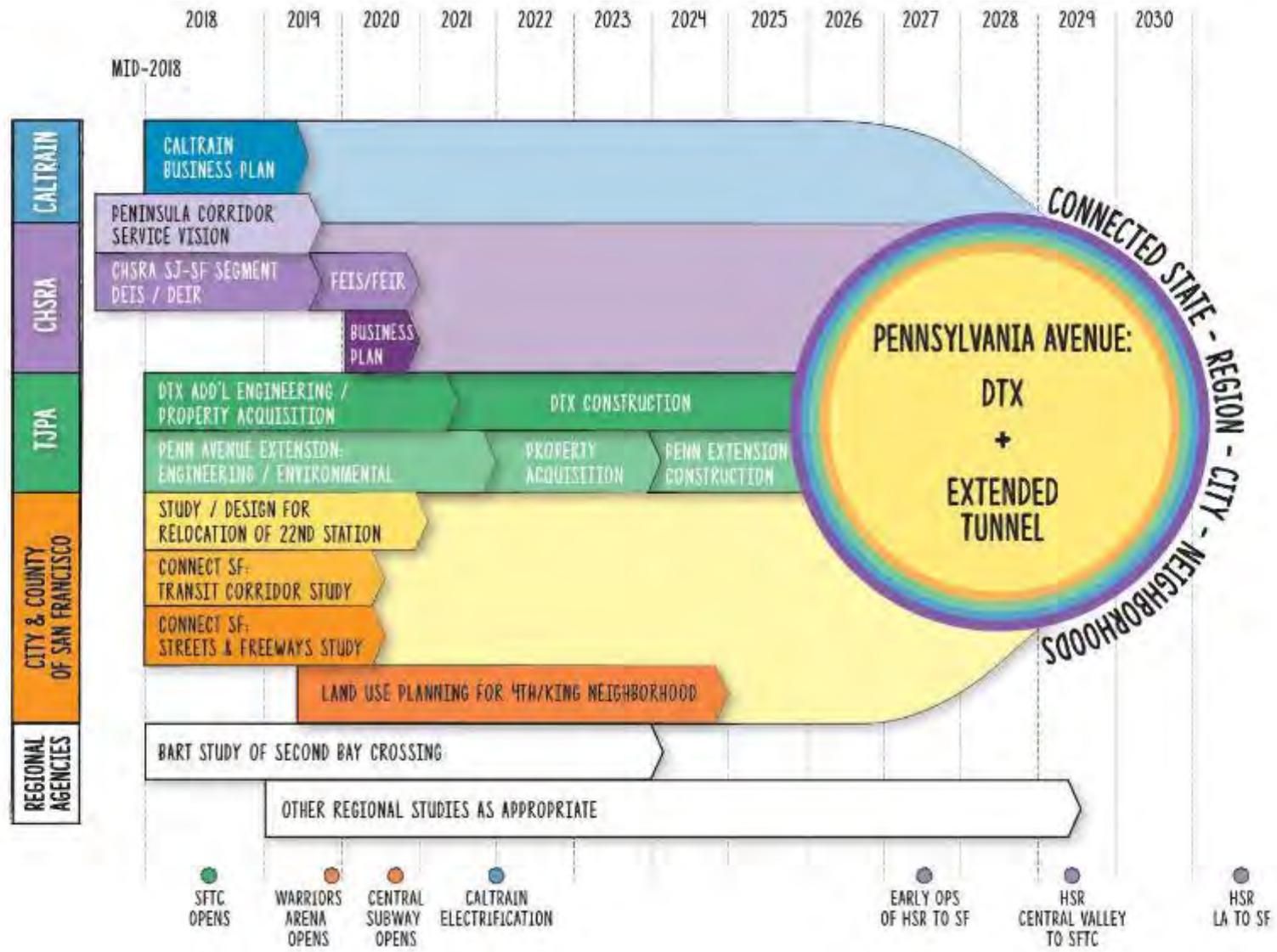
**Caltrain
Business Plan**



**Transbay
Terminal**



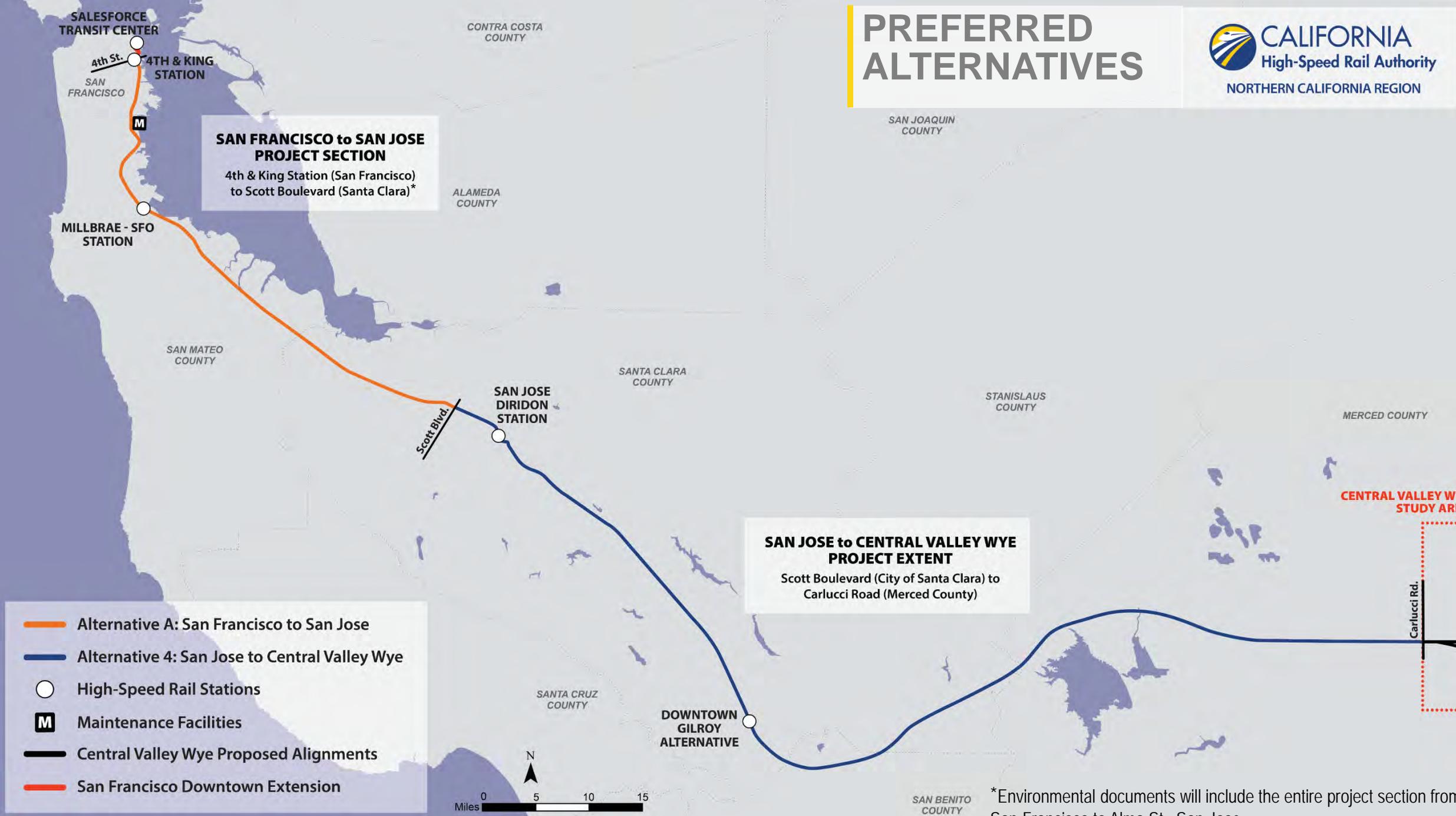
PROGRAM DEVELOPMENT AND STATUS



Approximate schedules, subject to change



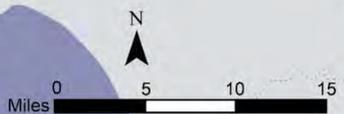
PREFERRED ALTERNATIVES



SAN FRANCISCO to SAN JOSE PROJECT SECTION
4th & King Station (San Francisco) to Scott Boulevard (Santa Clara)*

SAN JOSE to CENTRAL VALLEY WYE PROJECT EXTENT
Scott Boulevard (City of Santa Clara) to Carlucci Road (Merced County)

- Alternative A: San Francisco to San Jose
- Alternative 4: San Jose to Central Valley Wye
- High-Speed Rail Stations
- Maintenance Facilities
- Central Valley Wye Proposed Alignments
- San Francisco Downtown Extension



CENTRAL VALLEY WYE STUDY AREA

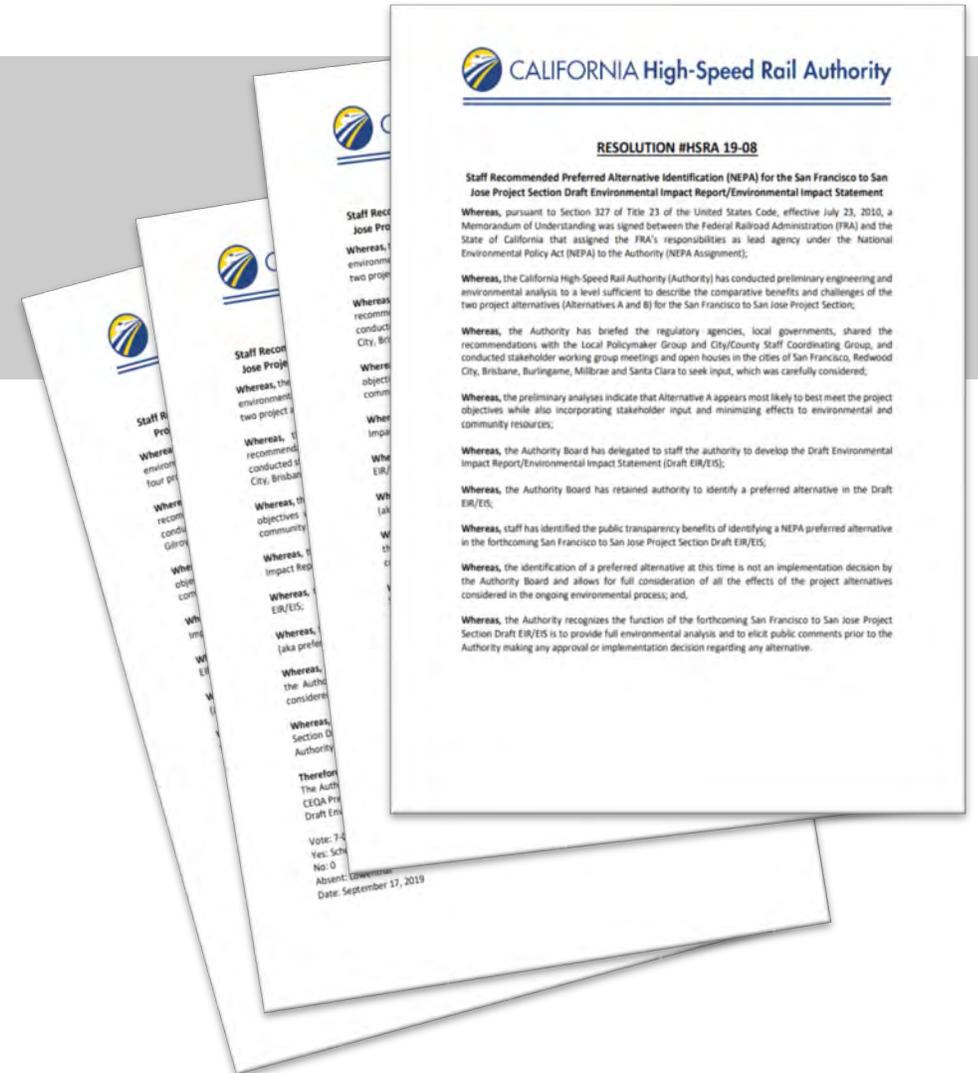
*Environmental documents will include the entire project section from San Francisco to Alma St., San Jose

BOARD CONCURRENCE

September 17, 2019

The Authority Board concurred with staff's recommendations to identify Alternative A and Alternative 4 as the Preferred Alternatives for the Northern California project sections.

- Identifying the PA does not constitute the adoption or approval of a preferred alternative for final design or construction.
- All alternatives will be analyzed at an equal level of detail and described in the published Draft EIR/EIS.



SAN FRANCISCO – SAN JOSE PROJECT ALTERNATIVES A AND B

San Francisco to San Jose Project Section

Alternative A Features

- M** East Option Light Maintenance Facility
- No Additional Passing Tracks

Alternative B Features

- M** West Option Light Maintenance Facility
- Additional Passing Tracks

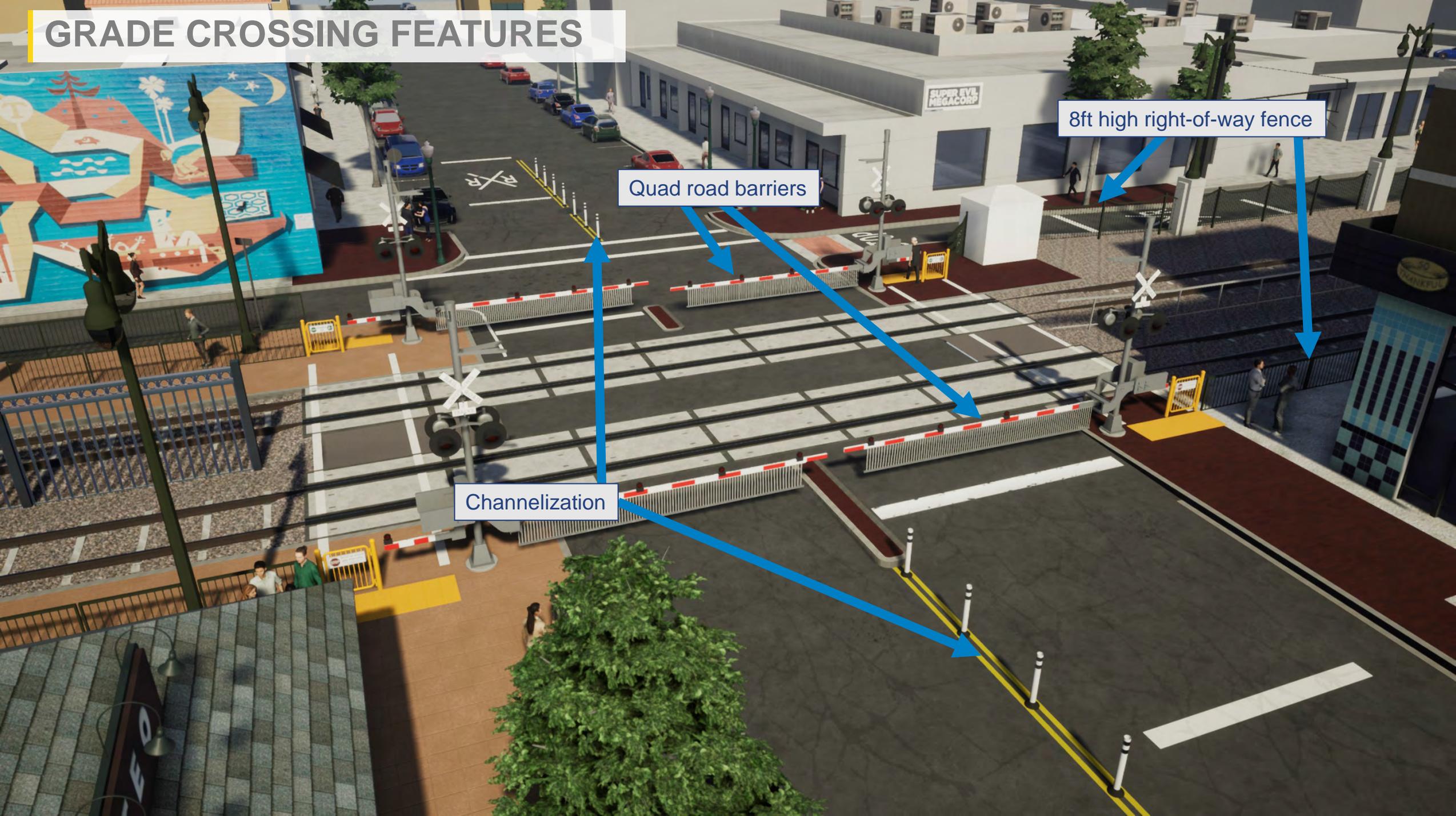
○ HSR Stations

— — — San Jose to Merced Alignments

— Downtown Extension



GRADE CROSSING FEATURES



Quad road barriers

8ft high right-of-way fence

Channelization

ALTERNATIVE A – PREFERRED ALTERNATIVE

Conclusions of Technical Analysis



Fewest major visual impacts



Fewest displacements



Fewest road closures



Fewest impacts on wetlands and habitats



Fewest impacts on natural resources



Lowest capital cost



Slower HSR, faster Caltrain peak hour travel time



Policy-level alignment with the Caltrain Business Plan

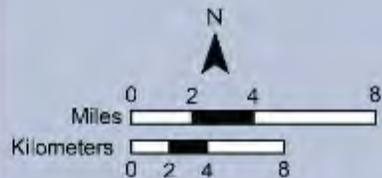
ALTERNATIVE A – PREFERRED ALTERNATIVE

LEGEND

San Francisco to San Jose Alignments

- Alternative A

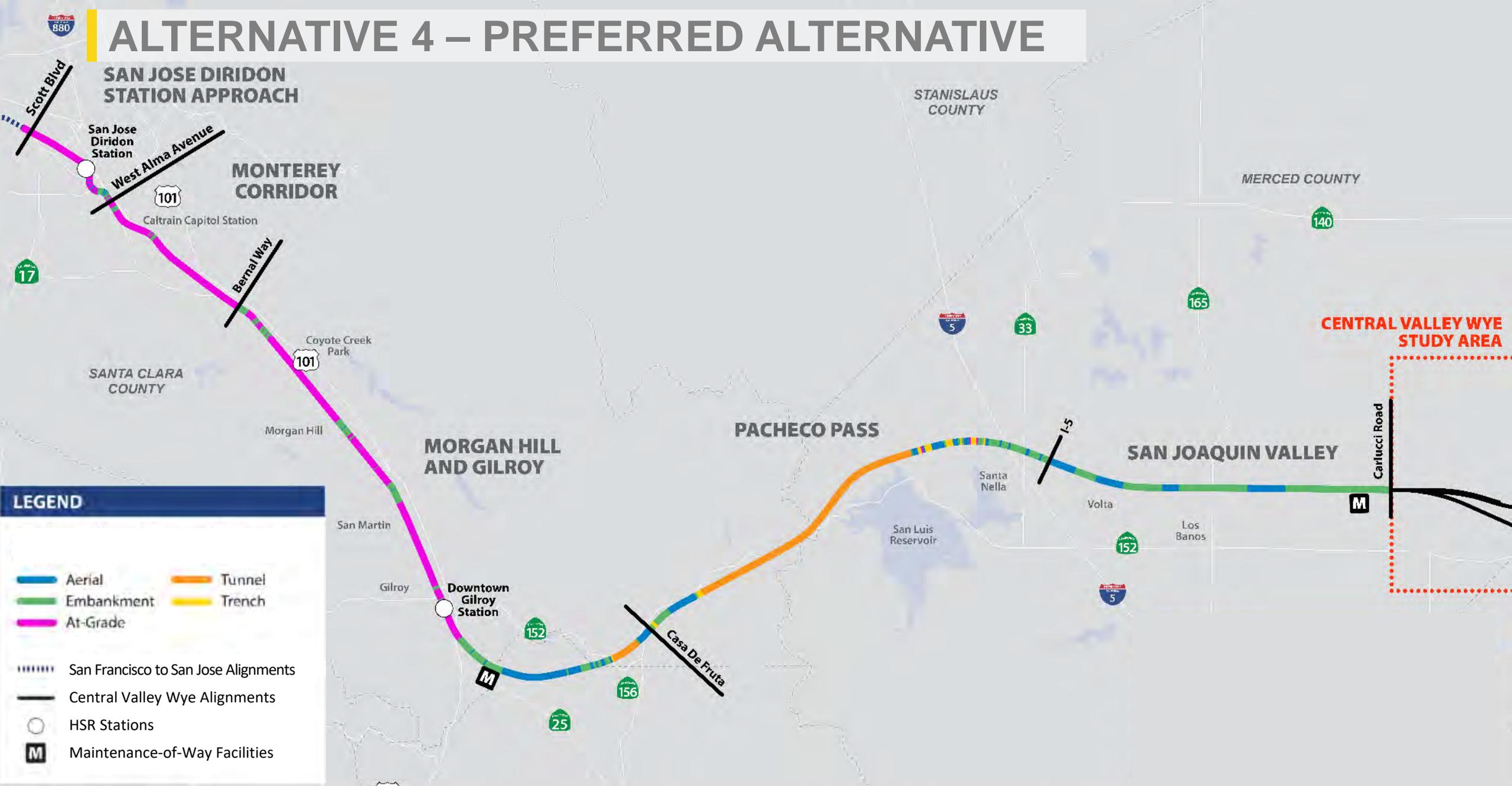
- HSR Stations
- Maintenance Facility
- San Jose to Merced Alignments



• 4th Street and King Street Interim until the Downtown Extension to the Salesforce Transit Center



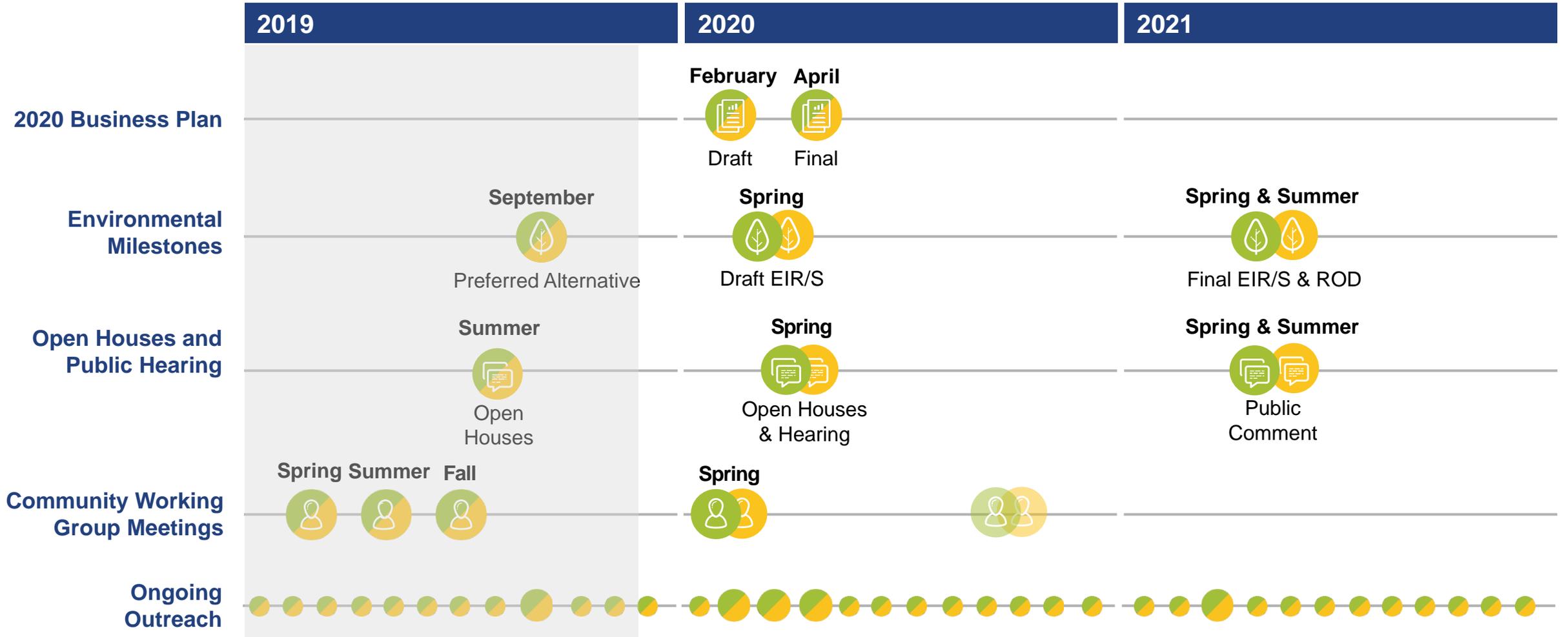
ALTERNATIVE 4 – PREFERRED ALTERNATIVE



NEXT STEPS



NEXT STEPS



EIR/S = Environmental Impact Report/Statement
 ROD = Record of Decision

SF-SJ SJ-M



THANK YOU



Headquarters

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