

12 REFERENCES

Since publication of the Draft Environmental Impact Report (EIR)/Environmental Impact Statement (EIS), the following substantive changes have been made to this chapter:

- A new section for the Preface was added and lists several references.
- Under Summary, references to Association of Bay Area Governments (ABAG) and Metropolitan Transportation Commission's (MTC) Plan Bay Area 2040, Caltrans' 2018 California State Rail Plan, the Millbrae Station Area Specific Plan, and San Francisco's 2020 Urban Water Management Plan were added.
- Under Chapter 1, Project Purpose, Need, and Objectives, references for the following were added: BART opens Milpitas and Berryessa stations for passenger service; California High-Speed Rail Authority's (Authority) 2014 Business Plan and Revised Draft 2020 Business Plan; Authority and Peninsula Corridor Joint Powers Board's (PCJPB) Agreement Regarding Funding Commitments towards Peninsula Corridor Electrification Project and Standard Agreement HSR 18-40; Federal Aviation Administration's Passenger Boarding and All-Cargo Data: Enplanements at All-Airports; Federal Railroad Administration's Transbay Program Final EIS Reevaluation: Updating the Transbay Program 2004 Final EIS for Adoption by the Federal Railroad Administration; Federal Transit Administration's Record of Decision California High-Speed Train System and Notice of Issuance of Amended Record of Decision for the Transbay Terminal/Caltrain Downtown Extension/Redevelopment Project; and PCJPB's Caltrain/California HSR Blended Operations Analysis.
- Under Chapter 2, Alternatives, references were added for the Authority's 2020 Preliminary Design Drawings and the 2021 Revised Draft 2020 Business Plan. The reference to the San Francisco Internaltional Airport Development Plan was also updated.
- Under Section 3.1, Introduction, a reference was added for the Authority's *Revised Draft* 2020 Business Plan.
- Under Section 3.2, Transportation, references for the following were added: ABAG and MTC's 2013 Plan Bay Area; the Authority's Draft Operational Planning Analysis, a technical memorandum containing supplemental information on parking near the Diridon Station, and the Decision-Making Guidance for the Adoption of Traffic Mitigation Measures; the Final San Mateo County Congestion Management Program; the City/County of San Fracisco's Showplace Square/Potrero Area Plan; MTC's VPP Parking Project: Parking Policy Best Practices and Case Study Examples; Peninsula Corridor Joint Powers Board's freight dispatch data; San Francisco Municipal Transportation Agency's SFpark Evaluation and Oracle Park and Chase Center Special Event Parking Regulations; Comparison of Capacity of Single- and Double-Track Rail Lines; and the Town of Atherton General Plan 2019.
- Under Section 3.3, Air Quality, several references were removed that were no longer relied on and the following references were added: California Air Resources Board's (CARB) Transport and California's 2000-2018 Greenhouse Gas Emissions Inventory 2020 Edition; California Department of Public Health's Epidemiological Summary of Coccidioidomycosis in California; the Authority's Air Quality and Greenhouse Gases Technical Reports for the San Francisco to San Jose and San Jose to Merced Project Sections; the Revised Draft 2020 Business Plan; personal communications with HNTB; Monterey Bay Unified Air Pollution Control District's Report on Attainment of the California Particulate Matter Standards in the Monterey Bay Region and the CEQA Air Quality Guidelines; personal communications with AnchorCM; U.S. Environmental Protection Agency's Emissions & Generation Resource Integrated Database; U.S. Geological Survey's Operational Guidelines for Geological Fieldwork in Areas Endemic for Coccidioidomycosis; Watson's Effectiveness Demonstration of Fugitive Dust Control Methods for Public Unpaved Roads and Unpaved Shoulders on Paved Roads; and Western Governors' Association's WRAP Fugitive Dust Handbook.



- Under Section 3.4, Noise and Vibration, a reference was added for the Federal Railroad Administration's (FRA) *High Speed Rail Noise Standards and Regulations* and the reference to the *Town of Atherton General Plan* was updated to the most recent version.
- Under Section 3.6, Public Utilities and Energy, a reference was added for th San Francisco Public Utilities Commissions' 2020 Urban Water Management Plan.
- Under Section 3.7, Biological and Aquatic Resources, references were added for the following: a Puma and Bobcat Sightings Map; California Fish and Game Commission's Notice of Findings Mountain Lion and Petitions to List Species under the California Endangered Species Act; the Center for Biological Diversity's Petition to List the Southern California/Central Coast Evolutionarily Significant Unit (ESU) of Mountain Lions as Threatened under the California Endangered Species Act (CESA) and Petition to Protect the Monarch Butterfly (Danaus Plexippus) Under the Endangered Species Act; the State Water Resources Control Board's State Wetland Definition and Procedures for Discharges of Dredged or Fill Materials to Waters of the State; as well as the Western Monarch Count and Western Monarch Milkweed Mapper.
- Under Section 3.8, Hydrology and Water Resources, the following references were either
 added or updated: California Department of Water Resources's California Groundwater
 Update 2020; the City of Millbrae's Sea Level Rise Adaptation Assessment; the County of
 San Mateo's Coyote Point Sea-Level Rise Vulnerability Assessment; San Mateo Countywide
 Water Pollution Prevention Program's Regulated Projects Guide; and Santa Clara Valley
 Water District's Annual Groundwater Report 2019.
- Under Section 3.9, Geology, Soils, Seismicity, and Paleontological Resources, a reference was added for the City of Brisbane's *Brisbane Baylands Environmental Impact Report*.
- Under Section 3.10, Hazardous Materials and Wastes, references were added for the
 following: the In Landfill Gas Primer from the Agency for Toxic Substances and Disease
 Registry; California Department of Toxic Substances Control's Fact Sheet for the Draft
 Feasibility Study/Remedial Action Plan, Southern Pacific Brisbane; the 2020 Semiannual
 Discharge Monitoring Report, Brisbane Landfill, developed by Geosyntec Consultants; and
 San Francisco Bay Regional Water Quality Control Board's Waste Discharge Requirements
 and Recision of Resolution, Fact Sheet on Brisbane Baylands, and Concurrence with the
 Three-Year Remedial Action Effectiveness Evaluation.
- Under Section 3.11, Safety and Security, the following references were added: personal
 communications regarding grade crossings; the City and County of San Francisco's Airport
 Development Plan; San Jose's Airport Master Plan for Norman Y. Mineta San Jose
 International Airport; Applying Safety Treatments to Rail-Highway At-Grade Crossings; FRA's
 Highway-Rail Grade Crossing Resource Guide; and Interoperable Train Management System
 from Wabtec Corporation.
- Under Section 3.12, Socioeconomics and Communities, a reference was added for the Burlingame Downtown Specific Plan.
- Under Section 3.13, Station Planning, Land Use, and Development, a reference was added for the San Francisco Planning Department's Visitacion Valley/Schlage Lock Design for Development.
- Under Section 3.14, Parks, Recreation, and Open Space, references for the following were added: Caltrans' *Highway Design Manual*; the City of Brisbane's General Plan; and the City of San Jose's Bike Plan, 2040 General Plan, information on Three Creeks Trail, and Park Design Guidelines.
- Under Section 3.15, Aesthetics and Visual Quality, references for the following were added: the Authority's Aesthetics Manual for Non-Station Structures and Draft Design Opportunities for Local Jurisdictions and Aesthetic Requirements as well as the City of Brisbane's General Plan.



- Under Section 3.16, Cultural Resources, a reference was added for Envision San José 2040 General Plan.
- Section 3.19, Design Variant to Optimize Speed, was revised to reflect that content and references from Section 3.19 of the Draft EIR/EIS has been incorporated throughout the Final EIR/EIS and the section as a whole was removed from the Final EIR/EIS.
- A new section for Section 3.20, Millbrae Station Reduced Site Plan Design Variant, was added and lists several references.
- Under Chapter 4, Section 4(f)/6(f) Evaluation, references were added for the Authority's Cultural Resources Technical Guidance Memorandum #1 and the City of Millbrae's Parks and Facilities Inventory Report.
- Under Chapter 5, Environmental Justice, references were added for the San Francisco Bay Plan and the U.S. Department of Transportation Actions to Address Environmental Justice in Minority Populations and Low-Income Populations.
- Under Chapter 6, Project Costs and Operations, a reference to the Authority's Revised Draft 2020 Busines Plan was added.
- Under Chapter 9, Public and Agency Involvement, a reference to the first amendment to the Programmatic Agreement was added.

This chapter contains references for the San Francisco to San Jose Project Section Final Environmental Impact Report/Environmental Impact Statement. References are listed by chapter and section.

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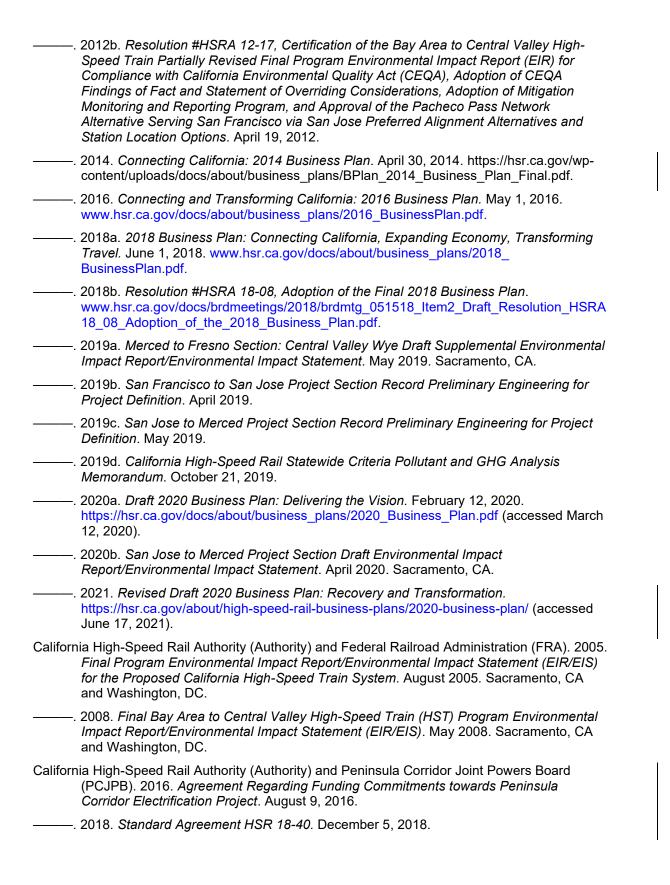
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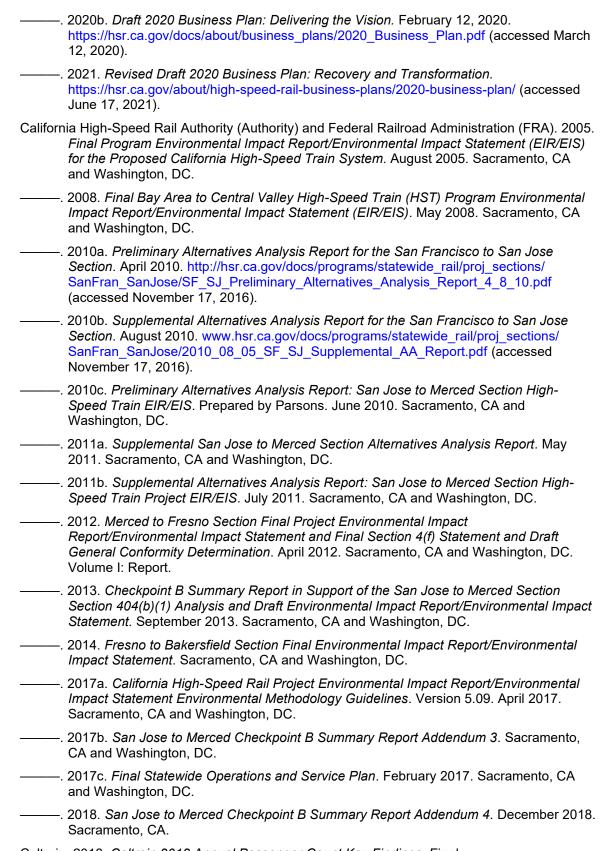
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Chapter 3, Affected Environment, Environmental Consequences, and Mitigation Measures

Section 3.1, Introduction

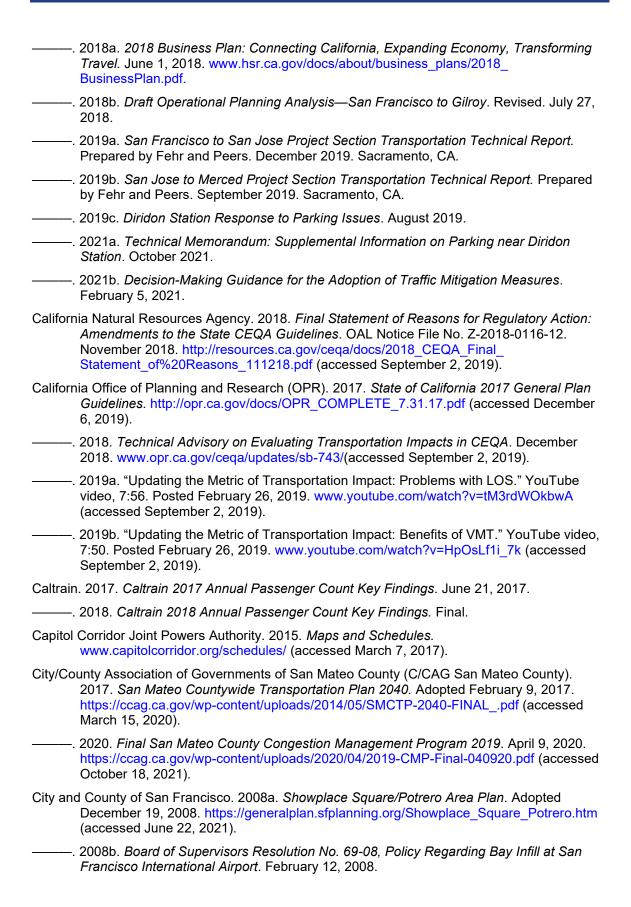
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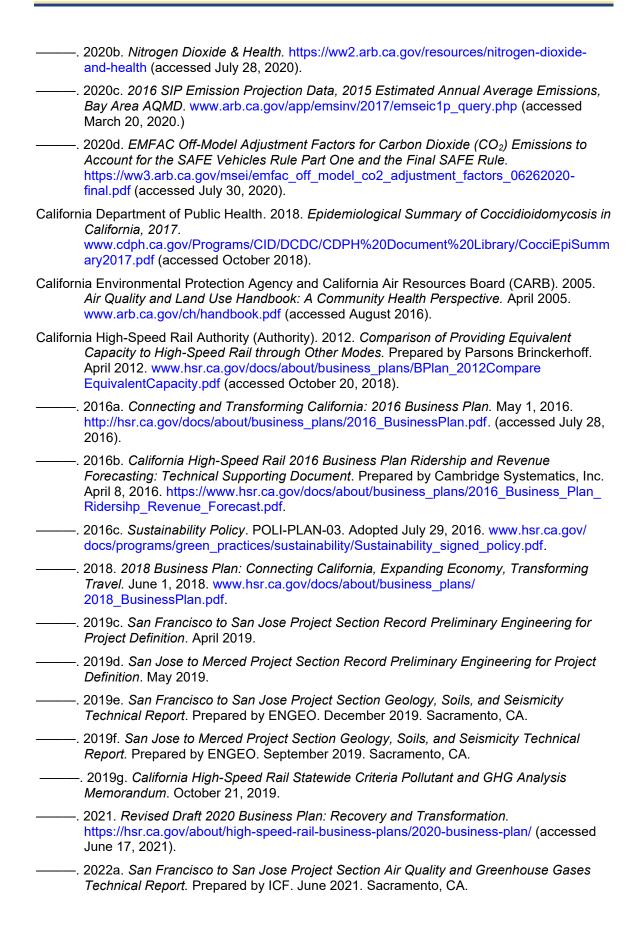
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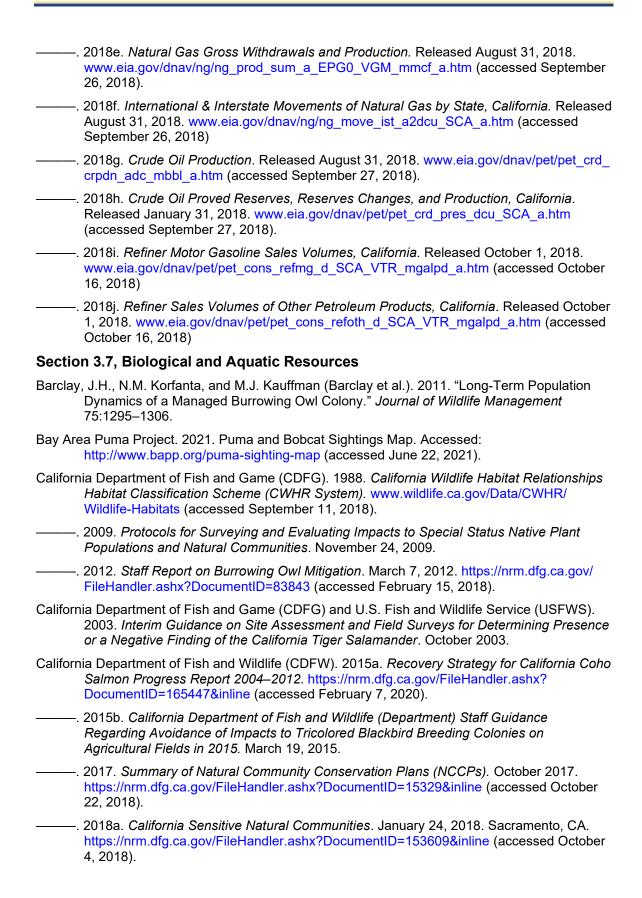
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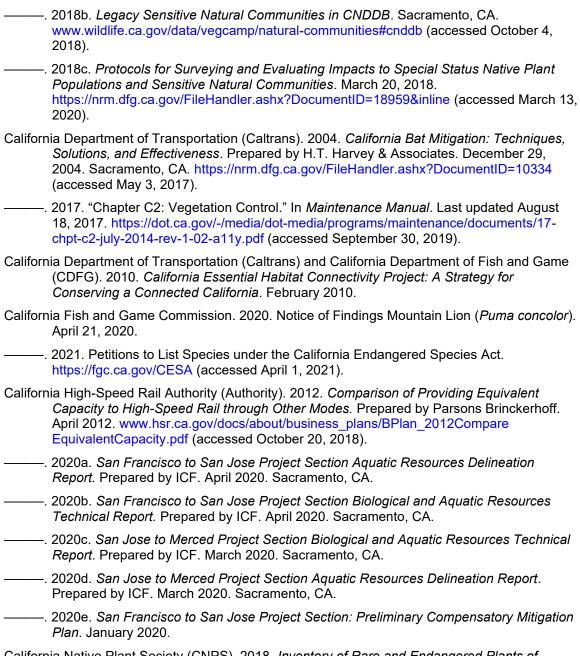












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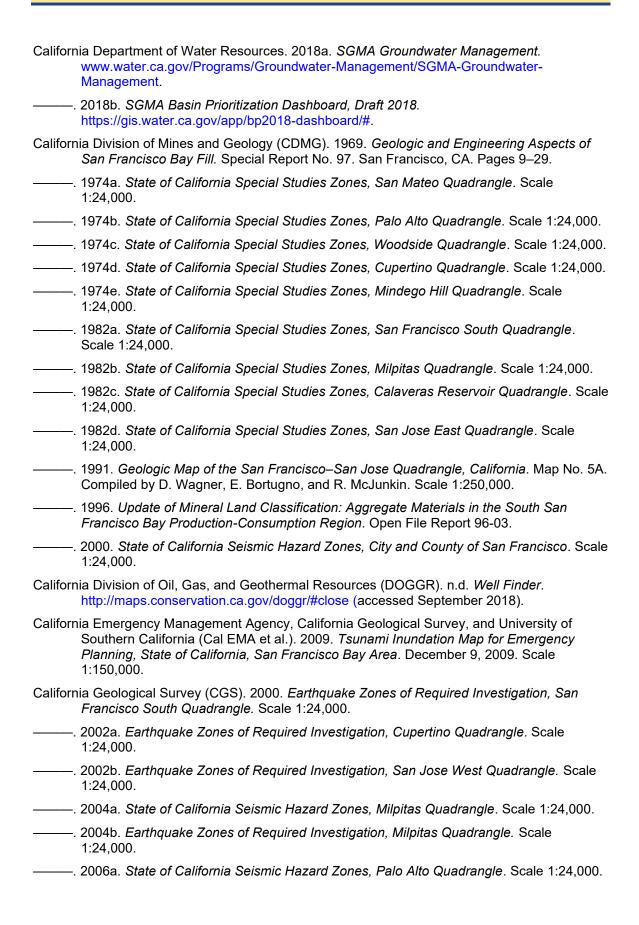
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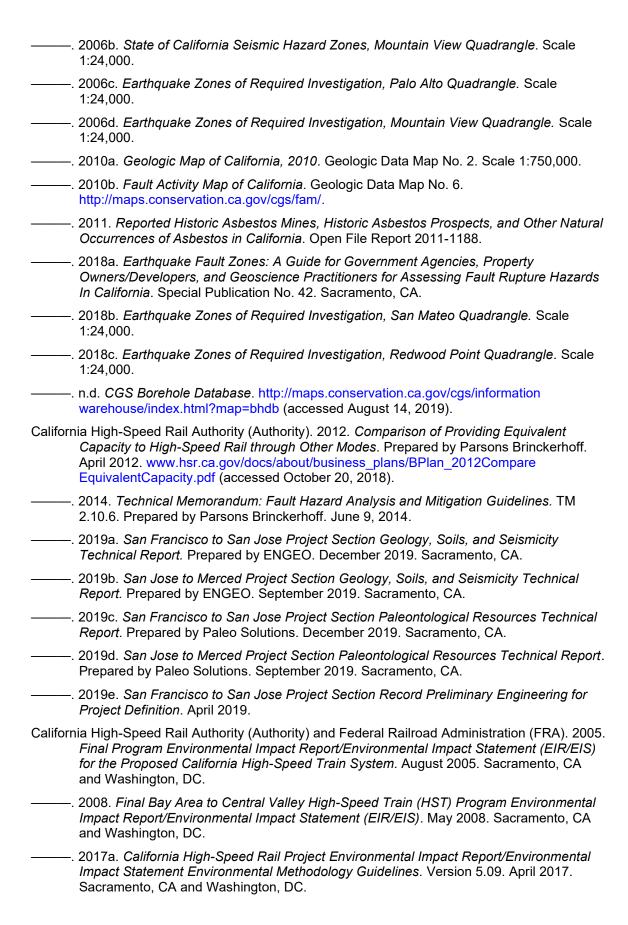
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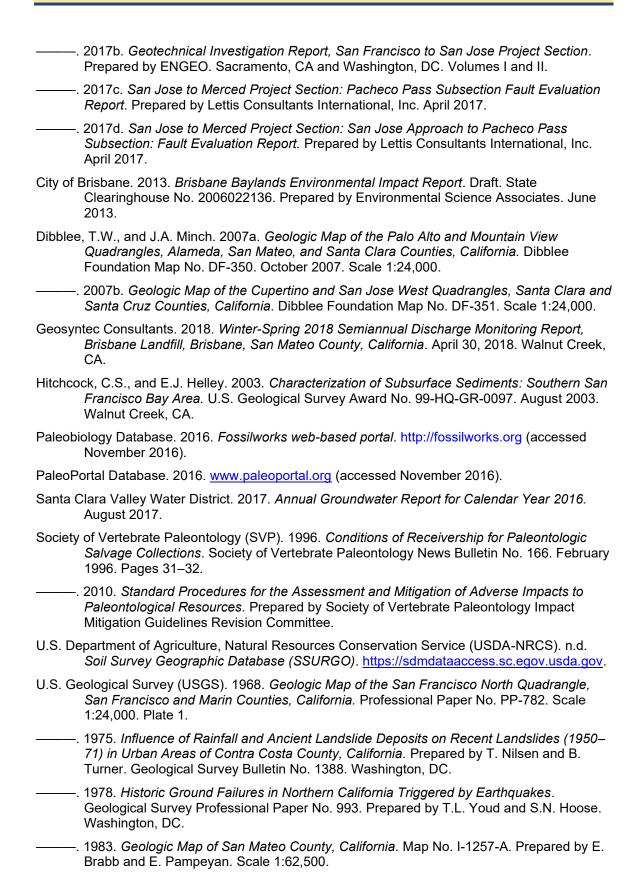




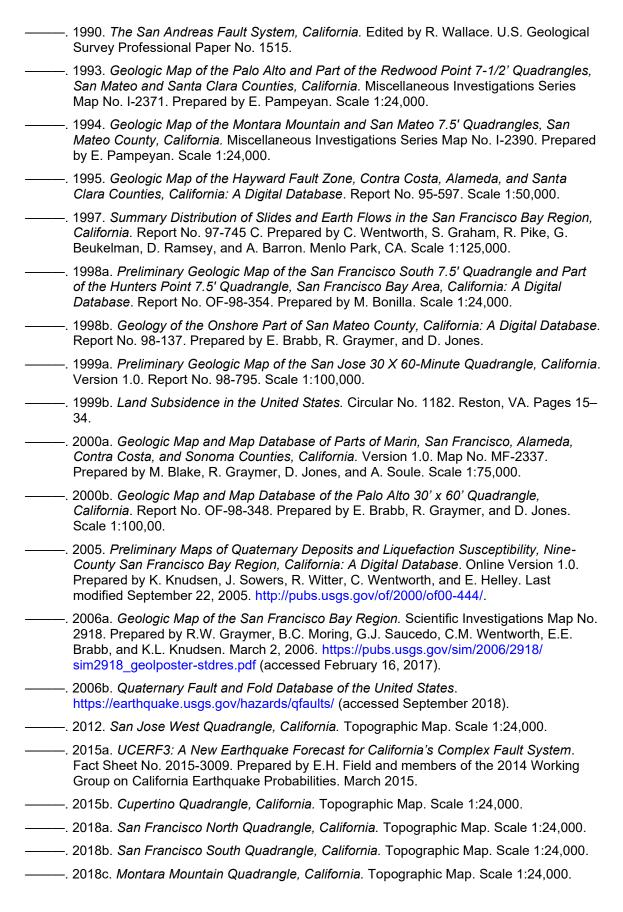
















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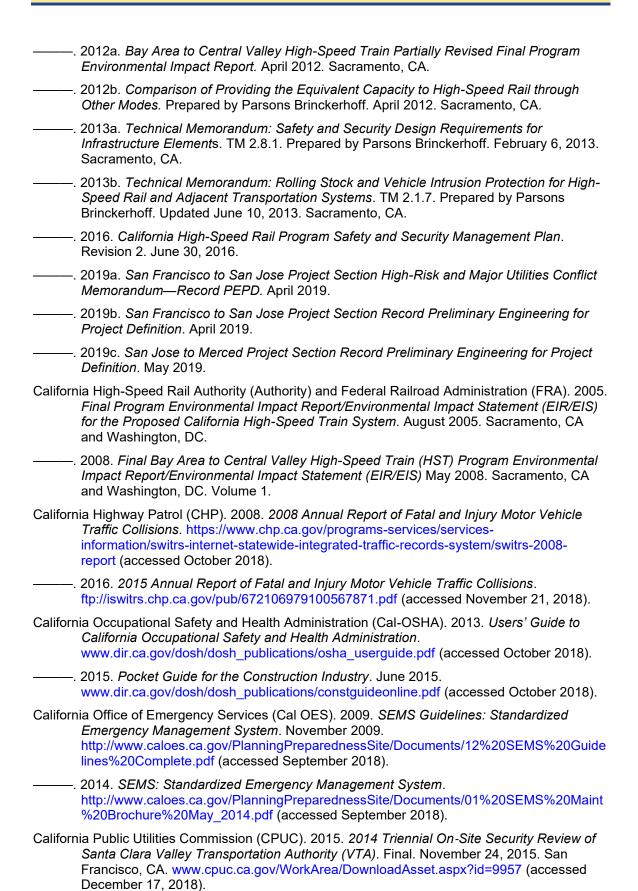
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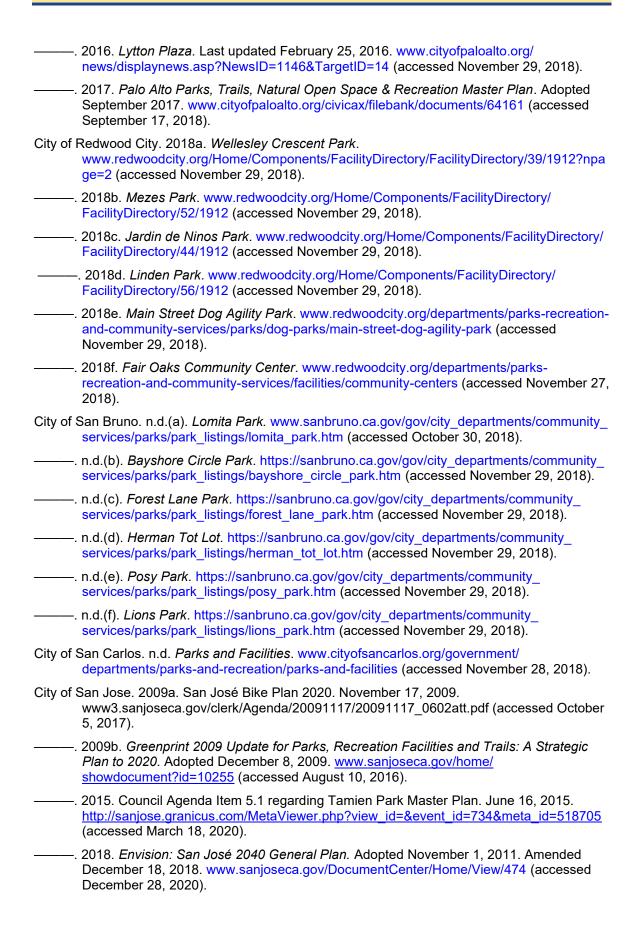
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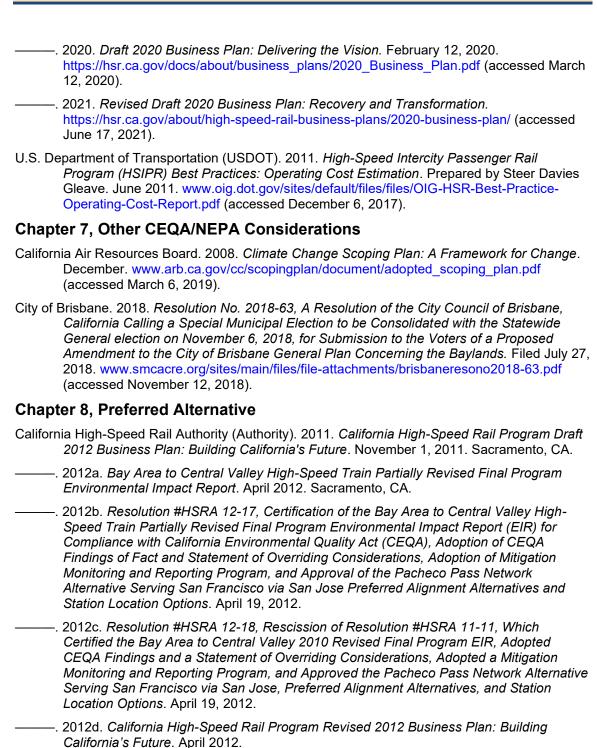
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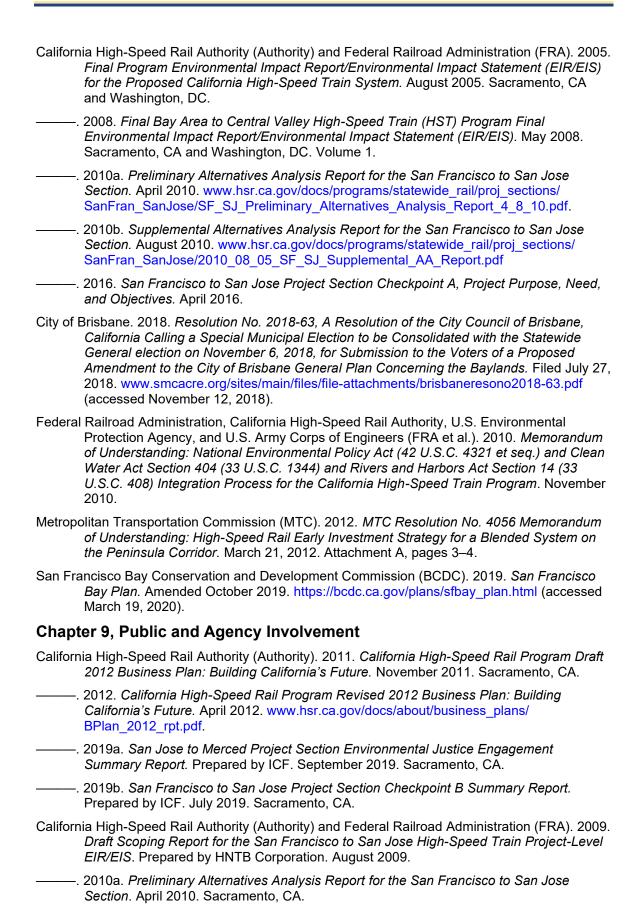
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