

3 **Executive Summary**

4 California Department of Fish and Wildlife (CDFW). 2018. Protocols for Surveying and Evaluating
5 Impacts to Special Status Native Plant Populations and Sensitive Natural Communities. Available
6 at: <https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=18959&inline>. Accessed January 21,
7 2025.

8 California High-Speed Rail Authority. May 2016. 2016 Business Plan: Connecting and Transforming
9 California. Available at: [https://hsr.ca.gov/wp-](https://hsr.ca.gov/wp-content/uploads/docs/about/business_plans/2016_BusinessPlan.pdf)
10 [content/uploads/docs/about/business_plans/2016_BusinessPlan.pdf](https://hsr.ca.gov/wp-content/uploads/docs/about/business_plans/2016_BusinessPlan.pdf). Accessed January 21,
11 2025.

12 California High-Speed Rail Authority. May 2022. 2022 Business Plan: Connecting and Transforming
13 California. Available at: [https://hsr.ca.gov/wp-content/uploads/2022/05/2022-Business-Plan-](https://hsr.ca.gov/wp-content/uploads/2022/05/2022-Business-Plan-FINAL-A11Y.pdf)
14 [FINAL-A11Y.pdf](https://hsr.ca.gov/wp-content/uploads/2022/05/2022-Business-Plan-FINAL-A11Y.pdf). Accessed January 21, 2025.

15 San Joaquin Joint Powers Authority. January 2021. Madera Station Relocation Project: Final Initial
16 Study/Mitigated Negative Declaration. Available at: [https://cdn.sjjpa.com/wp-](https://cdn.sjjpa.com/wp-content/uploads/MaderaStationRelocationProject_FinalISMND_Volume1_Jan2021.pdf)
17 [content/uploads/MaderaStationRelocationProject_FinalISMND_Volume1_Jan2021.pdf](https://cdn.sjjpa.com/wp-content/uploads/MaderaStationRelocationProject_FinalISMND_Volume1_Jan2021.pdf). Accessed
18 January 21, 2025.

19 The Xerces Society for Invertebrate Conservation (Xerces). 2017. Rusty Patched Bumble Bee Habitat
20 Assessment Form and Guide. Available at: [https://www.xerces.org/sites/default/files/2018-](https://www.xerces.org/sites/default/files/2018-05/17-010_01_HabitatAssessmentFormGuideByXercesForRPBB.pdf)
21 [05/17-010_01_HabitatAssessmentFormGuideByXercesForRPBB.pdf](https://www.xerces.org/sites/default/files/2018-05/17-010_01_HabitatAssessmentFormGuideByXercesForRPBB.pdf). Accessed January 21, 2025.

22 Thorp, Robbin W., Horning, Donald S., Jr., and Dunning, Lorry L. February 1983. Bumble Bees and
23 Cuckoo Bumble Bees of California (Hymenoptera: Apidae). Bulletin of the California Insect
24 Survey, Volume 23. University of California Press, Berkeley, CA. Available at:
25 <https://essig.berkeley.edu/documents/cis/cis23.pdf>. Accessed January 21, 2025.

26 U.S. Fish and Wildlife Service (USFWS). April 12, 2019. Survey Protocols for the Rusty Patched
27 Bumble Bee (*Bombus affinis*), Version 2.2. Available at:
28 https://www.fws.gov/sites/default/files/documents/Survey_Protocols_RPBB_12April2019.pdf.
29 Accessed January 21, 2025.

30 **Introduction**

31 California High-Speed Rail Authority. May 2016. 2016 Business Plan: Connecting and Transforming
32 California. Available at: [https://hsr.ca.gov/wp-](https://hsr.ca.gov/wp-content/uploads/docs/about/business_plans/2016_BusinessPlan.pdf)
33 [content/uploads/docs/about/business_plans/2016_BusinessPlan.pdf](https://hsr.ca.gov/wp-content/uploads/docs/about/business_plans/2016_BusinessPlan.pdf). Accessed January 21,
34 2025.

35 California High-Speed Rail Authority. May 2022. 2022 Business Plan: Connecting and Transforming
36 California. Available at: [https://hsr.ca.gov/wp-content/uploads/2022/05/2022-Business-Plan-](https://hsr.ca.gov/wp-content/uploads/2022/05/2022-Business-Plan-FINAL-A11Y.pdf)
37 [FINAL-A11Y.pdf](https://hsr.ca.gov/wp-content/uploads/2022/05/2022-Business-Plan-FINAL-A11Y.pdf). Accessed January 21, 2025.

- 1 California High Speed Rail Authority. 2024. 2024 Business Plan. Available at: [https://hsr.ca.gov/wp-](https://hsr.ca.gov/wp-content/uploads/2024/05/2024-Business-Plan-FINAL.pdf)
2 [content/uploads/2024/05/2024-Business-Plan-FINAL.pdf](https://hsr.ca.gov/wp-content/uploads/2024/05/2024-Business-Plan-FINAL.pdf). Accessed February 12, 2025.
- 3 Madera County Connection (MCC). 2024. Madera County Connection System Map. Available at
4 <https://mcctransit.com/>. Accessed December 4, 2024.
- 5 San Joaquin Joint Powers Authority. January 2021. Madera Station Relocation Project: Final Initial
6 Study/Mitigated Negative Declaration. Available at: [https://cdn.sjjpa.com/wp-](https://cdn.sjjpa.com/wp-content/uploads/MaderaStationRelocationProject_FinalISMND_Volume1_Jan2021.pdf)
7 [content/uploads/MaderaStationRelocationProject_FinalISMND_Volume1_Jan2021.pdf](https://cdn.sjjpa.com/wp-content/uploads/MaderaStationRelocationProject_FinalISMND_Volume1_Jan2021.pdf). Accessed
8 January 21, 2025.

9 Project Description

- 10 California High-Speed Rail Authority. May 2022. 2022 Business Plan: Connecting and Transforming
11 California. Available at: [https://hsr.ca.gov/wp-content/uploads/2022/05/2022-Business-Plan-](https://hsr.ca.gov/wp-content/uploads/2022/05/2022-Business-Plan-FINAL-A11Y.pdf)
12 [FINAL-A11Y.pdf](https://hsr.ca.gov/wp-content/uploads/2022/05/2022-Business-Plan-FINAL-A11Y.pdf). Accessed January 21, 2025.
- 13 California High-Speed Rail Authority. May 2024. 2024 Business Plan: Connecting and Transforming
14 California. Available at: [https://hsr.ca.gov/wp-content/uploads/2024/05/2024-Business-Plan-](https://hsr.ca.gov/wp-content/uploads/2024/05/2024-Business-Plan-FINAL.pdf)
15 [FINAL.pdf](https://hsr.ca.gov/wp-content/uploads/2024/05/2024-Business-Plan-FINAL.pdf). Accessed January 21, 2025.
- 16 Madera County. 2024b. Geographic Information System (GIS), Zoning Map. Available at:
17 <https://www.maderacounty.com/government/geographic-information-system-gis> (Accessed
18 November 16, 2024).
- 19 Madera County. 2024c Geographic Information System (GIS), General Plan Land Use Map. Available
20 at: <https://www.maderacounty.com/government/geographic-information-system-gis>
21 (Accessed November 16, 2024).
- 22 Madera County. Madera Transit Station Specific Plan (MTSSP). 2025. Available at:
23 [https://www.maderacounty.com/government/community-economic-development-](https://www.maderacounty.com/government/community-economic-development-department/divisions/planning-division/madera-transit-station-specific-plan)
24 [department/divisions/planning-division/madera-transit-station-specific-plan](https://www.maderacounty.com/government/community-economic-development-department/divisions/planning-division/madera-transit-station-specific-plan). Accessed:
25 January 20, 2025.
- 26 U.S. Census Bureau. January 2025. QuickFacts: Madera County, California. Available at:
27 <https://www.census.gov/quickfacts/fact/table/maderacountycalifornia/POP010220>. Accessed
28 January 21, 2025.

29 Aesthetics

- 30 California Department of Transportation (Caltrans). 2019. List of eligible and officially designated
31 State Scenic Highways (Microsoft Excel file), Available at: [https://dot.ca.gov/-/media/dot-](https://dot.ca.gov/-/media/dot-media/programs/design/documents/desig-and-eligible-aug2019_a11y.xlsx)
32 [media/programs/design/documents/desig-and-eligible-aug2019_a11y.xlsx](https://dot.ca.gov/-/media/dot-media/programs/design/documents/desig-and-eligible-aug2019_a11y.xlsx). Accessed: October
33 14, 2024.
- 34 California High-Speed Rail Authority (CHSRA). 2005. Mitigation, Monitoring, and Reporting Plan for
35 the California High-Speed Rail Program EIR/EIS. Available at: [https://hsr.ca.gov/wp-](https://hsr.ca.gov/wp-content/uploads/docs/programs/eir-eis/Mitigation_Monitoring_and_Reporting_Program.pdf)
36 [content/uploads/docs/programs/eir-eis/Mitigation_Monitoring_and_Reporting_Program.pdf](https://hsr.ca.gov/wp-content/uploads/docs/programs/eir-eis/Mitigation_Monitoring_and_Reporting_Program.pdf).
37 Accessed: October 14, 2024.

1 **Agriculture and Forestry Resources**

- 2 California Air Resources Board. February 2018. Updated Final Staff Report – Proposed Updated to
3 the SB 375 Greenhouse Gas Emission Reduction Targets. Available at:
4 [https://ww2.arb.ca.gov/sites/default/files/2020-](https://ww2.arb.ca.gov/sites/default/files/2020-06/SB375_Updated_Final_Target_Staff_Report_2018.pdf)
5 [06/SB375_Updated_Final_Target_Staff_Report_2018.pdf](https://ww2.arb.ca.gov/sites/default/files/2020-06/SB375_Updated_Final_Target_Staff_Report_2018.pdf). Accessed November 18, 2024.
- 6 California Department of Conservation (DOC). 2022. California Williamson Act Enrollment Finder
7 (interactive map). Available at <https://maps.conservation.ca.gov/dlrp/WilliamsonAct/>.
8 Accessed: November 13, 2024.
- 9 California Department of Conservation (DOC). 2012. Madera County Farmland Mapping and
10 Monitoring Program. Available at:
11 <https://databasin.org/datasets/6778bd7e6fbc44959b886507fe8ee5ad/>. Accessed: November
12 13, 2024
- 13 Madera County Assessor 2021 Annual Report. Available at:
14 <https://www.maderacounty.com/home/showpublisheddocument/29838/6378173642259700>
15 00. Accessed November 18, 2024
- 16 Madera County Code of Ordinances. Available at:
17 https://library.municode.com/ca/madera_county/codes/code_of_ordinances. Accessed
18 November 18, 2024.
- 19 Madera County Department of Agriculture 2023 Annual Crop and Livestock Report. Available at:
20 <https://www.maderacounty.com/home/showpublisheddocument/41177/6386277074379000>
21 00. Accessed November 18, 2024
- 22 Madera County. 2015. Madera County General Plan Policy Document. Adopted 1995, as amended
23 2015. Available at: [https://www.maderacounty.com/home/showpublisheddocument/](https://www.maderacounty.com/home/showpublisheddocument/40825/638615574804870000)
24 [40825/638615574804870000](https://www.maderacounty.com/home/showpublisheddocument/40825/638615574804870000). Accessed: November 18, 2024
- 25 Madera County. 2024. Madera County Land Use (interactive map). Available at
26 [https://gis.maderacounty.com/portal/apps/webappviewer/index.html?id=d2d780a4dc354d9e](https://gis.maderacounty.com/portal/apps/webappviewer/index.html?id=d2d780a4dc354d9e814cd9e10ba93c85)
27 [814cd9e10ba93c85](https://gis.maderacounty.com/portal/apps/webappviewer/index.html?id=d2d780a4dc354d9e814cd9e10ba93c85). Accessed: November 14, 2024.
- 28 Madera County. 2015. Madera County General Plan Policy Document. Adopted 1995, as amended
29 2015. Available at:
30 [https://www.maderacounty.com/home/showpublisheddocument/40825/6386155748048700](https://www.maderacounty.com/home/showpublisheddocument/40825/638615574804870000)
31 [00](https://www.maderacounty.com/home/showpublisheddocument/40825/638615574804870000). Accessed: November 18, 2024.
- 32 United States Department of Agriculture (USDA). 2024. Forest Service (interactive map). Available
33 at: <https://www.fs.usda.gov/ivm/>. Accessed: November 18, 2024.

34 **Air Quality and Greenhouse Gas Emissions**

- 35 California Air Pollution Control Officers Association (CAPCOA). n.d. Health Effects. Available at:
36 [https://www.icpds.com/assets/California-Air-Pollution-Control-Officers-Association-2021-](https://www.icpds.com/assets/California-Air-Pollution-Control-Officers-Association-2021-1642792251.pdf)
37 [1642792251.pdf](https://www.icpds.com/assets/California-Air-Pollution-Control-Officers-Association-2021-1642792251.pdf). Accessed: December 12, 2024.

- 1 California Department of Conservation. n.d. A General Location Guide for Ultramafic Rocks in
2 California – Areas More Likely to Contain Naturally Occurring Asbestos, pp. 1–7. August.
3 Sacramento, CA: Division of Mines and Geology. Available at: [https://www.conservation.ca.gov/
4 cgs/minerals/mineral-hazards/asbestos](https://www.conservation.ca.gov/cgs/minerals/mineral-hazards/asbestos). Accessed: December 12, 2024.
- 5 California Department of Public Health. 2024. Valley Fever Cases and Incidence Rates by Local
6 Health Jurisdiction, California, 2001–2021. Available at:
7 <https://www.cdph.ca.gov/Programs/CID/DCDC/Pages/ValleyFeverDashboard.aspx>. Accessed:
8 December 12, 2024.
- 9 California Air Resources Board (CARB). No date(a). Carbon Monoxide and Health. Available at:
10 <https://ww2.arb.ca.gov/resources/carbon-monoxide-and-health>. Accessed: December 12,
11 2024.
- 12 California Air Resources Board (CARB). No date(b). Sulfur Dioxide and Health. Available at:
13 <https://ww2.arb.ca.gov/resources/sulfur-dioxide-and-health>. Accessed: December 12, 2024.
- 14 California Air Resources Board (CARB). No date(c). GHG Global Warming Potentials. Available at:
15 <https://ww2.arb.ca.gov/ghg-gwps>. Accessed: December 12, 2024.
- 16 California Air Resources Board (CARB). No date(d). GHGs Descriptions & Sources in California.
17 Available at: <https://ww2.arb.ca.gov/ghg-descriptions-sources>. Accessed: December 12, 2024.
- 18 California Air Resources Board (CARB). 2000. Risk Reduction Plan to Reduce Particulate Matter
19 Emissions from Diesel-Fueled Engines and Vehicles. October. Available at: [https://ww3.arb.ca.
20 gov/diesel/documents/rrpfinal.pdf](https://ww3.arb.ca.gov/diesel/documents/rrpfinal.pdf). Accessed: December 12, 2024.
- 21 California Air Resources Board (CARB). 2005. Air Quality and Land Use Handbook: A Community
22 Health Perspective. Available at: [https://ww2.arb.ca.gov/sites/default/files/2023-
23 05/Land%20Use%20Handbook_0.pdf](https://ww2.arb.ca.gov/sites/default/files/2023-05/Land%20Use%20Handbook_0.pdf). Accessed: December 12, 2024.
- 24 California Air Resources Board (CARB). 2010. Estimate of Premature Deaths Associated with Fine
25 Particle Pollution (PM2.5) in California Using a U.S. Environmental Protection Agency
26 Methodology. Available at: [https://archive.epa.gov/region9/mediacenter/web/pdf/pm-
27 report_2010.pdf](https://archive.epa.gov/region9/mediacenter/web/pdf/pm-report_2010.pdf). Accessed: December 12, 2024.
- 28 California Air Resources Board (CARB). 2017. California’s 2017 Climate Change Scoping Plan.
29 Available at: [https://ww2.arb.ca.gov/sites/default/files/classic/cc/scopingplan/
30 scoping_plan_2017.pdf](https://ww2.arb.ca.gov/sites/default/files/classic/cc/scopingplan/scoping_plan_2017.pdf). Accessed: December 12, 2024.
- 31 California Air Resources Board (CARB). 2019. CEPAM2019v1.03 Emission Projection Data: 2017
32 Estimated Annual Average Emissions. Available at:
33 <https://ww2.arb.ca.gov/applications/emissions-air-basin>. Accessed: December 12, 2024.
- 34 California Air Resources Board (CARB). 2021. Proposed 2021 Amendments to Area Designations for
35 State Ambient Air Quality Standards. Appendix C: Maps and Tables of Area Designations for State
36 and National Ambient Air Quality Standards. Available at:
37 <https://ww2.arb.ca.gov/sites/default/files/barcu/regact/2021/sad20/appc.pdf>. Accessed:
38 December 12, 2024.

- 1 California Air Resources Board (CARB). 2022. 2022 Scoping Plan for Achieving Carbon Neutrality.
2 Available at: <https://ww2.arb.ca.gov/sites/default/files/2023-04/2022-sp.pdf>. Accessed:
3 December 12, 2024.
- 4 California Air Resources Board (CARB). 2023. iADAM: Air Quality Data Statistics (Top 4 Summary:
5 Highest 4 Daily Maximum Hourly Ozone Measurements). Available at: [https://www.arb.ca.gov/
6 adam/topfour/topfour1.php](https://www.arb.ca.gov/adam/topfour/topfour1.php). Accessed: December 12, 2024.
- 7 California Air Resources Board (CARB). 2024a. Table of Ambient Air Quality Standards. Available at:
8 [https://ww2.arb.ca.gov/sites/default/files/2024-08/AAQS%20Table_ADA_FINAL_
9 07222024.pdf](https://ww2.arb.ca.gov/sites/default/files/2024-08/AAQS%20Table_ADA_FINAL_07222024.pdf). Accessed: December 12, 2024.
- 10 California Air Resources Board (CARB). 2024b. California Climate Investments Priority Populations
11 2022 CES 4.0. Available at: <https://webmaps.arb.ca.gov/PriorityPopulations/>. Accessed: May 1,
12 2023.
- 13 California Air Resources Board (CARB). 2024c. Current California GHG Emission Inventory Data.
14 Available at: <https://ww2.arb.ca.gov/ghg-inventory-data>. Accessed: Accessed: November 22,
15 2024.
- 16 Madera County. 1995. Madera State Center Community College – Specific Plan. July 19. Available at:
17 <https://www.maderacounty.com/home/showpublisheddocument/658/636475910548700000>
18 Accessed: December 12, 2024.
- 19 Madera County. 2021. General Plan – iii. Air Quality Policies. Available at:
20 <https://online.encodeplus.com/regs/maderacounty-ca-gp/doc-viewer.aspx#secid-202>.
21 Accessed: December 11, 2024.
- 22 European Commission Joint Research Centre. (JRC). 2024. GHG Emissions of All World Countries.
23 Available at: https://edgar.jrc.ec.europa.eu/report_2024#main_findings. Accessed: January 20,
24 2025.
- 25 United States Environmental Protection Agency (USEPA). 2005. Final Report: The National
26 Morbidity, Mortality, and Air Pollution Study: Morbidity and Mortality from Air Pollution in the
27 United States. Available at:
28 [https://cfpub.epa.gov/ncer/abstracts/index.cfm/fuseaction/display.abstractDetail/abstract_id/
29 2399/report/F](https://cfpub.epa.gov/ncer/abstracts/index.cfm/fuseaction/display.abstractDetail/abstract_id/2399/report/F). Accessed: December 12, 2024.
- 30 United States Environmental Protection Agency (USEPA). 2007. Control of Hazardous Air Pollutants
31 From Mobile Sources. Available at: [https://www.govinfo.gov/content/pkg/FR-2007-02-
32 26/pdf/E7-2667.pdf](https://www.govinfo.gov/content/pkg/FR-2007-02-26/pdf/E7-2667.pdf). Accessed: December 12, 2024.
- 33 United States Environmental Protection Agency (USEPA). 2011. Compilation of Air Pollutant
34 Emission Factors. Section 13.2.1, Paved Roads. Available at: [https://www.epa.gov/air-
35 emissions-factors-and-quantification/ap-42-fifth-edition-volume-i-chapter-13-miscellaneous-0](https://www.epa.gov/air-emissions-factors-and-quantification/ap-42-fifth-edition-volume-i-chapter-13-miscellaneous-0).
36 Accessed: June 17, 2022.
- 37 United States Environmental Protection Agency (USEPA). 2016. Greenhouse Gas Emissions and Fuel
38 Efficiency Standards for Medium- and Heavy-Duty Engines and Vehicles – Phase 2. Available at:
39 <https://www.govinfo.gov/content/pkg/FR-2016-10-25/pdf/2016-21203.pdf>. Accessed:
40 December 12, 2024.

- 1 United States Environmental Protection Agency (USEPA). 2024a. Multi-Pollutant Emissions
2 Standards for Model Years 2027 and Later Light-Duty and Medium-Duty Vehicles. Available at:
3 <https://www.govinfo.gov/content/pkg/FR-2024-04-18/pdf/2024-06214.pdf>. Accessed:
4 December 12, 2024.
- 5 United States Environmental Protection Agency (USEPA). 2024b. Greenhouse Gas Emissions
6 Standards for Heavy-Duty Vehicles – Phase 3. Available at:
7 <https://www.govinfo.gov/content/pkg/FR-2024-04-22/pdf/2024-06809.pdf>. Accessed:
8 December 12, 2024.
- 9 United States Environmental Protection Agency (USEPA). 2024c. Health Effects of Ozone in the
10 General Population. May 16. Available at: [https://www.epa.gov/ozone-pollution-and-your-](https://www.epa.gov/ozone-pollution-and-your-patients-health/health-effects-ozone-general-population)
11 [patients-health/health-effects-ozone-general-population](https://www.epa.gov/ozone-pollution-and-your-patients-health/health-effects-ozone-general-population). Accessed: December 12, 2024.
- 12 United States Environmental Protection Agency (USEPA). 2024d. Ecosystem Effects of Ozone
13 Pollution. Last revised: October 21. Available at: [https://www.epa.gov/ground-level-ozone-](https://www.epa.gov/ground-level-ozone-pollution/ecosystem-effects-ozone-pollution)
14 [pollution/ecosystem-effects-ozone-pollution](https://www.epa.gov/ground-level-ozone-pollution/ecosystem-effects-ozone-pollution). Accessed: December 12, 2024.
- 15 United States Environmental Protection Agency (USEPA). 2024e. Health and Environmental Effects
16 of Particulate Matter (PM). July 16. Available at: [https://www.epa.gov/pm-pollution/health-](https://www.epa.gov/pm-pollution/health-and-environmental-effects-particulate-matter-pm)
17 [and-environmental-effects-particulate-matter-pm](https://www.epa.gov/pm-pollution/health-and-environmental-effects-particulate-matter-pm). Accessed: December 12, 2024.
- 18 United States Environmental Protection Agency (USEPA). 2024f. Learn About Asbestos. August 2.
19 Available at: <https://www.epa.gov/asbestos/learn-about-asbestos>. Accessed: December 12,
20 2024.
- 21 United States Environmental Protection Agency (USEPA). 2024g. Current Nonattainment Counties
22 for All Criteria Pollutants. November 30. Available at: [https://www3.epa.gov/airquality/](https://www3.epa.gov/airquality/greenbook/ancl.html#CA)
23 [greenbook/ancl.html#CA](https://www3.epa.gov/airquality/greenbook/ancl.html#CA). Accessed: December 12, 2024.
- 24 United States Environmental Protection Agency (USEPA). 2024h. Inventory of U.S. Greenhouse Gas
25 Emissions and Sinks 1990–2022. Available at:
26 [https://www.epa.gov/system/files/documents/2024-04/us-ghg-inventory-2024-main-text_04-](https://www.epa.gov/system/files/documents/2024-04/us-ghg-inventory-2024-main-text_04-18-2024.pdf)
27 [18-2024.pdf](https://www.epa.gov/system/files/documents/2024-04/us-ghg-inventory-2024-main-text_04-18-2024.pdf). Accessed: December 12, 2024.
- 28 ICF. 2022. California Emissions Estimator Model User Guide, Version 2022.1: Appendix C: Emissions
29 Calculation Details for CalEEMod. Available at: [https://caleemod.com/documents/user-](https://caleemod.com/documents/user-guide/01_User%20Guide.pdf)
30 [guide/01_User%20Guide.pdf](https://caleemod.com/documents/user-guide/01_User%20Guide.pdf). Accessed: December 12, 2024.
- 31 International Agency for Research on Cancer. 2012. IARC: Diesel Engine Exhaust Carcinogenic. Press
32 Release No. 213. June 12. Available at: [https://www.iarc.fr/wp-content/uploads/](https://www.iarc.fr/wp-content/uploads/2018/07/pr213_E.pdf)
33 [2018/07/pr213_E.pdf](https://www.iarc.fr/wp-content/uploads/2018/07/pr213_E.pdf). Accessed: December 12, 2024.
- 34 Intergovernmental Panel on Climate Change (IPCC). 2018a. Emissions Gap Report 2018. Available
35 at: <https://www.ipcc.ch/site/assets/uploads/2018/12/UNEP-1.pdf>. Accessed: December 12,
36 2024.
- 37 Intergovernmental Panel on Climate Change (IPCC). 2018b. Global Warming of 1.5°C. Chapter 1,
38 Framing and Context. Summary for Policymakers. Allen, M.R., O.P. Dube, W. Solecki, F. Aragón-
39 Durand, W. Cramer, S. Humphreys, M. Kainuma, J. Kala, N. Mahowald, Y. Mulugetta, R. Perez, M.
40 Wairiu, and K. Zickfeld.

- 1 Intergovernmental Panel on Climate Change (IPCC). 2023. Summary for Policymakers. In: Climate
2 Change 2023: Synthesis Report. Contribution of Working Groups I, II and III to the Sixth
3 Assessment Report of the Intergovernmental Panel on Climate Change [Core Writing Team, H.
4 Lee and J. Romero (eds.)]. IPCC, Geneva, Switzerland, pp. 1–34, doi: 10.59327/IPCC/AR6-
5 9789291691647.001.
- 6 Madera County Transportation Commission (MCTC). 2022. 2022 Regional Transportation Plan and
7 Sustainable Communities Strategy. Pp. 1-10, 2-6. August 31. Available at:
8 <https://www.maderactc.org/transportation/page/your-madera-2046-rtpscs>. Accessed:
9 December 5, 2024.
- 10 California Office of Environmental Health Hazard Assessment (OEHHA). 2023. CalEnviroScreen 4.0
11 Indicator Maps. Available at: [https://experience.arcgis.com/
12 experience/ed5953d89038431dbf4f22ab9abfe40d/](https://experience.arcgis.com/experience/ed5953d89038431dbf4f22ab9abfe40d/). Accessed: May 1, 2023.
- 13 San Joaquin Valley Air Pollution Control District (SJVAPCD). 2015. Guidance for Assessing and
14 Mitigating Air Quality Impacts. March. Available at:
15 <https://ww2.valleyair.org/media/g4nl3p0g/gamaqi.pdf>. Accessed: December 12, 2024.
- 16 United States Geological Survey (USGS). 2000. Operational Guidelines (version 1.0) for Geological
17 Fieldwork in Areas Endemic for Coccidioidomycosis (Valley Fever). February. Available at:
18 <https://pubs.usgs.gov/of/2000/0348/pdf/of00-348.pdf>. Accessed: December 12, 2024.

19 **Biological Resources**

- 20 California Department of Conservation (DOC). No date. Resource Conservation District Assistance
21 Program. Available at: <https://www.conservation.ca.gov/dlrp/RCD>. Accessed: December 11,
22 2024.
- 23 California Department of Fish and Game. 2010. List of Vegetation Alliances and Associations.
24 Vegetation Classification and Mapping Program. Sacramento, CA. September.
- 25 California Department of Fish and Wildlife (CDFW). 2018. Protocols for Surveying and Evaluating
26 Impacts to Special Status Native Plant Populations and Natural Communities. Available at:
27 <https://nrm.dfg.ca.gov/FileHandler.ashx?DocumentID=18959&inline>. Accessed: October 23,
28 2024.
- 29 California Department of Fish and Wildlife (CDFW). 2024a. California Natural Diversity Database
30 (CNDDDB), Rarefind 5. Commercial version. Available at: [https://wildlife.ca.gov/Data/CNDDDB/
31 Maps-and-Data](https://wildlife.ca.gov/Data/CNDDDB/Maps-and-Data). Accessed: October 23, 2024.
- 32 California Department of Fish and Wildlife (CDFW). 2024b. California Natural Diversity Database
33 Occurrences of Species within 5 Miles. Available at: <https://wildlife.ca.gov/data/cnddb>.
34 Accessed: October 24, 2024.
- 35 California Department of Fish and Wildlife (CDFW). 2024c. Biogeographic Information and
36 Observation System (BIOS 5). Areas of Conservation Emphasis, version 3.0. Available at:
37 <https://apps.wildlife.ca.gov/ace>. Accessed: November 1, 2024.
- 38 California High-Speed Rail Authority and Federal Railroad Administration. 2012. Merced to Fresno
39 Section California High-Speed Train (HST) Final Project Environmental Impact

- 1 Report/Environmental Impact Statement (EIR/EIS) and Final Section 4(f) Statement and Draft
2 General Conformity Determination. Volume I: Report. Sacramento, CA, and Washington, DC.
3 April 2012.
- 4 California Native Plant Society (CNPS). 2024. Rare Plant Program Inventory of Rare and Endangered
5 Plants of California (online edition, v9.5). Available at: <https://www.rareplants.cnps.org>.
6 Accessed: October 23, 2024.
- 7 Consortium of California Herbaria (CCH). 2024. Data provided by the participants of the Consortium
8 of California Herbaria. Available at: ucjeps.berkeley.edu/consortium/
- 9 ICF. 2024. Madera HSR Station Full-Build (Phase 3) Project Biological Resources Technical Report.
10 November. (ICF #104831) Sacramento, CA. Prepared for San Joaquin Joint Powers Authority,
11 Stockton, CA.
- 12 Jackson, Z. J. and J. P. Van Eenennaam. 2013. 2012 San Joaquin River Sturgeon Spawning Survey.
13 Stockton, CA: U.S. Fish and Wildlife Service, Anadromous Fish Restoration Program, Stockton
14 Fish and Wildlife Office.
- 15 Jennings, M. R. and M. P. Hayes. 1994. Amphibian and Reptile Species of Special Concern in
16 California. Rancho Cordova, CA: California Department of Fish and Game, Inland Fisheries
17 Division.
- 18 Madera County Planning Commission. 1995. Madera County General Plan, Policy Document.
19 Available at: [https://www.maderacounty.com/home/showpublisheddocument/40825/
20 638615574804870000](https://www.maderacounty.com/home/showpublisheddocument/40825/638615574804870000). Accessed: November 6, 2024.
- 21 Madera/Chowchilla Resource Conservation District (MCRCD). No date. Strategic Plan 2022–2027.
22 Available at: [https://maderachowchillarcdd.org/strategic
23 plan/#:~:text=The%20Madera%2FChowchilla%20Resource%20Conservation,resilience%2C%
24 20and%20fostering%20strong%20partnerships](https://maderachowchillarcdd.org/strategic-plan/#:~:text=The%20Madera%2FChowchilla%20Resource%20Conservation,resilience%2C%20and%20fostering%20strong%20partnerships). Accessed: December 11, 2024.
- 25 Morrel, S.H. 1971. Life History of the San Joaquin kit fox. Final Report. December 1971. Prepared for
26 the California Department of Fish and Game.
- 27 Moyle, P. B. 2002. Inland Fishes of California. Revised and expanded. Berkeley, CA: University of
28 California Press.
- 29 National Invasive Species Council. 2016. 2016–2018 National Invasive Species Management Plan.
30 Washington, D.C. Available at: [https://www.doi.gov/sites/doi.gov/files/uploads/2016-2018-
31 nisc-management-plan.pdf](https://www.doi.gov/sites/doi.gov/files/uploads/2016-2018-nisc-management-plan.pdf). Accessed: October 22, 2024.
- 32 San Joaquin Joint Powers Authority (SJJPA). 2021. Madera Station Relocation Project Initial
33 Study/Mitigated Negative Declaration. Appendix A, Biological Resources Technical
34 Memorandum. Prepared by AECOM, Oakland, CA. January.
- 35 Scobie, C. A., E. M. Bayne, and T. I. Wellicome. 2016. Influence of human footprint and sensory
36 disturbances on night-time space use of an owl. *Endangered Species Research* Vol. 31:75–87.
- 37 Swainson’s Hawk Technical Advisory Committee. 2000. Recommended Timing and Methodology for
38 Swainson’s Hawk Nesting Surveys in California’s Central Valley. May 31.

- 1 Thorp, R. W., D. S Horning, and L. L. Dunning. 1983. Bumble bees and cuckoo bumble bees of
2 California (Hymenoptera: Apidae). Bulletin of the California Insect Survey 23:viii.
- 3 Transactions of the Western Section of the Wildlife Society. 2007. The San Joaquin Kit Fox in North-
4 Central California: A Review.
- 5 United States Department of Agriculture (USDA). 2009. Vegetation Descriptions Central Valley
6 Ecological Province. CalVeg Zone 5. USDA-Forest Service, Pacific Southwest Region. McClellan,
7 CA.
- 8 United States Fish and Wildlife Service (USFWS). 1980. Listing the Valley Elderberry Longhorn Beetle
9 as a Threatened Species with Critical Habitat. Final Rule. Federal Register 45(155): 52803-
10 52807.
- 11 United States Fish and Wildlife Service (USFWS). 2019 Survey Protocols for the Rusty Patched
12 Bumble Bee (*Bombus affinis*). Version 2.2. Bloomington, MN. April 12.
- 13 United States Fish and Wildlife Service (USFWS). 2023. IPaC Trust Resource Report List of Federal
14 Endangered and Threatened Species that Occur or may be Affected by the Project. Accessed:
15 November 2024.
- 16 Vincik, R. F. and J. M. Julienne. 2012. Occurrence of delta smelt (*Hypomesus transpacificus*) in the
17 lower Sacramento River near Knights Landing, California. California Department of Fish and
18 Game 98(3):171-174.
- 19 Xerces Society for Invertebrate Conservation (Xerxes). 2017. Rusty Patched Bumble Bee
20 Conservation Habitat Assessment Form and Guide. 12 pp.

21 Cultural Resources

- 22 AECOM. 2020. Madera Station Relocation Project. Sacramento, CA and Washington, DC: Prepared for
23 San Joaquin Joint Powers Authority.
- 24 Asselin, K., R. Baloian, A. Morlet, M. J. Mirro, J. Whiteman, J. Tibbet, and M. Boloian. 2016. Cultural
25 Resources, Inventory and Evaluation for the Central Valley Power Connect Project, Fresno,
26 Kings, and Madera Counties, California. Davis, CA: Applied Earthworks, Inc., Fresno,
27 Conservation Service. Prepared for Pacific Gas and Electric Company.
- 28 Barcroft J.. 1933. History of Fresno and Madera Counties. Translated by Harriet Sturk.
- 29 Bean, W. and J. J. Rawls. 2003. California: An Interpretive History. San Francisco, CA: McGraw Hill
30 Book Company.
- 31 Brookshear, C. (JRP Historical Consulting). 2007. P-20-002904. Department of Parks and Recreation
32 Form 523A and 523B. California.
- 33 California Department of Parks and Recreation. 1976. California Inventory of Historic Resources.
34 California Department of Parks and Recreation, Sacramento, CA.
- 35 California Geological Survey (CGS). 2002. California Geomorphic Provinces, Note 36. California
36 Department of Conservation.

- 1 California High-Speed Rail Authority (Authority) and Federal Railroad Administration (FRA). 2016.
2 Merced to Fresno Section: Central Valley Wye Historic Architectural Survey Report (HASR).
- 3 California Office of Historic Preservation (OHP). 1992. California Points of Historical Interest.
4 California Department of Parks and Recreation, Sacramento, CA.
- 5 California Office of Historic Preservation (OHP). 1996. California State Historical Landmarks.
6 California Department of Parks and Recreation, Sacramento, CA.
- 7 California Office of Historic Preservation (OHP). 2010. Historic Property Directory. California
8 Department of Parks and Recreation, Sacramento, CA
- 9 Cabezut-Ortiz, D. J. 1987. Merced County: The Golden Harvest. Windsor, CA: Northridge Publications,
10 Inc.
- 11 City of Madera. 2024. History of Madera. Available at: [https://www.madera.gov/home/our-](https://www.madera.gov/home/our-community/welcome-to-madera/)
12 [community/welcome-to-madera/](https://www.madera.gov/home/our-community/welcome-to-madera/). Accessed: October 30, 2024.
- 13 Clough, C. W. 1983. Madera: The Rich, Colorful, and Exciting Historical Heritage of that Area Now
14 Known as Madera County, California. Madera, CA: Madera County Diamond Jubilee Committee
15 and the Madera County Historical Society.
- 16 Cook, S. F. 1960. Colonial expeditions to the interior of California: Central Valley, 1800–1820.
17 University of California Anthropological Records 16(6):239–292.
- 18 Madera County. 2024. Madera County General Plan Final Environmental Impact Report, Volume I.
19 October 24. Available at: [https://www.maderacounty.com/home/showpublisheddocument/](https://www.maderacounty.com/home/showpublisheddocument/2854/636480653569600000)
20 [2854/636480653569600000](https://www.maderacounty.com/home/showpublisheddocument/2854/636480653569600000). Accessed: October 30, 2024.
- 21 Fredrickson, D. 1973. Early Cultures of the North Coast Ranges, California. Ph.D. dissertation,
22 University of California Davis, Department of Anthropology.
- 23 Google Earth. 2024. Madera, CA 93638, Street View. Mountain View, CA: Google, LLC. Available at:
24 <https://www.google.com/maps>. Accessed: October 30, 2024.
- 25 ICF. 2024a. Madera HSR Station Full-Built Project Section Archaeological Survey Report. December.
26 Sacramento, CA. Prepared for California High-Speed Rail Authority and Federal Railroad
27 Administration.
- 28 ICF. 2024b. Madera HSR Station Full-Built Project Section Historic Architectural Survey Report.
29 December. Sacramento, CA. Prepared for California High-Speed Rail Authority and Federal
30 Railroad Administration.
- 31 Johnson, J. J. 1967. The Archaeology of the Camanche Reservoir Locality, California. Paper 6.
32 Sacramento, CA: Sacramento Anthropological Society.
- 33 Kroeber, A. J. 1925. Handbook of the Indians of California. Bureau of American Ethnology Bulletin
34 78. Washington, D.C.: Smithsonian Institution, Government Printing Office. Reprinted 1976 by
35 Dover Publications, Inc., New York, NY.
- 36 Meyer, J, J. S. Rosenthal, and D. C. Young. 2010. A Geoarchaeological Overview and Assessment of
37 Caltrans Districts 6 and 9 Cultural Resources Inventory of Caltrans District 6/9 Rural
38 Conventional Highways EA 06-0A7408 TEA Grant. Prepared by Far Western Anthropological
39 Research Group, Inc., Davis, for California Department of Transportation, District 6, Fresno.

- 1 Moratto, M. J. 1984. *California Archaeology*. San Diego, CA: Academic Press.
- 2 Nationwide Environmental Title Research, LLC. 2024. 1946, 1957, 1981, 2005, 2008, and 2020.
3 Madera CA, Aerial Photographs. Available at: <https://www.historicaerials.com/viewer>.
4 Accessed: October 29, 2024.
- 5 Olsen, W. H., and L. A. Payen. 1969. *Archaeology of the Grayson Site, Merced County, California*.
6 *Archaeological Reports 12*. Sacramento, CA: California Department of Parks and Recreation.
- 7 Rosenthal, J. S., and J. Meyer. 2004. *Cultural Resources Inventory of Caltrans District 10 Rural*
8 *Conventional Highways, Volume III—Geoarchaeological Study, Landscape Evolution, and the*
9 *Archaeological Record of Central California*. June. Davis, CA: Far Western Anthropological
10 Research Group. Submitted to District 10, California Department of Transportation, Stockton,
11 California. Contract No. 10A0346. EA 10 0E7100. On file, Central California Information Center,
12 California Historical Resources Information System, Turlock, CA.
- 13 Rosenthal, J. S., G. G. White, and M. Q. Sutton. 2007. *The Central Valley: A View from the Catbird's*
14 *Seat*. In *California Prehistory: Colonization, Culture, and Complexity*, edited by Terry L. Jones
15 and Kathryn A. Klar. Lanham, MD: AltaMira Press.
- 16 Schenck, E. W. 1926. *Historic Aboriginal Groups of the California Delta Region*. University
17 *Publications in American Archaeology and Ethnology 23(2):123–146*. Berkeley, CA.
- 18 Schenck, E. W. and E. J. Dawson. 1929. *Archaeology of the Northern San Joaquin Valley*. University of
19 *California Publications in American Archaeology and Ethology 25(4):289–413*. Berkeley, CA.
- 20 Smallwood, J. 2009. P-20-002662. Department of Parks and Recreation Form 523A and 523B.
21 California.
- 22 United States Department of Agriculture (USDA). 2024. *Web Soil Survey Website*. Available at:
23 <https://websoilsurvey.nrcs.usda.gov/app>. Accessed: July 16, 2024.
- 24 United States Department of Interior. 1990. *National Register Bulletin: How to Apply the National*
25 *Register Criteria for Evaluation*. Available at: [https://www.nps.gov/subjects/nationalregister/](https://www.nps.gov/subjects/nationalregister/upload/NRB-15_web508.pdf)
26 [upload/NRB-15_web508.pdf](https://www.nps.gov/subjects/nationalregister/upload/NRB-15_web508.pdf). Accessed: July 16, 2024.
- 27 United States Geological Survey (USGS). 1922. *Madera, California, 7.5-Minute Quadrangle Map*.
- 28 United States Geological Survey (USGS). 1946. *Gregg, California, 7.5-Minute Quadrangle Map*.
- 29 United States Geological Survey (USGS). 1965. *Gregg, California, 7.5-Minute Quadrangle Map*.
- 30 Wallace, W. J. 1978. *Northern Valley Yokuts*. In *California*, edited by Robert F. Heizer, pp. 462–472.
31 *Handbook of the North American Indians*, volume 8, William C. Sturtevant, general editor.
32 Washington, D.C.: Smithsonian Institution.
- 33 West, G. J., W. Woolfenden, J. A. Wanket, and R. S. Anderson. 2007. *Late Pleistocene and Holocene*
34 *Environments*. In *California Prehistory: Colonization, Culture, and Complexity*, edited by Terry L.
35 Jones and Kathryn A. Klar, pp. 11–34. Lanham, MD: AltaMira Press.
- 36 Williams, J. C. 1997. *Energy and the Making of Modern California*. Akron, OH: University of Akron
37 Press.

1 Energy

- 2 California Air Resources Board (CARB). 2022. 2022 Scoping Plan for Achieving Carbon Neutrality.
3 Available at: https://ww2.arb.ca.gov/sites/default/files/2022-12/2022-sp_1.pdf. Accessed:
4 September 16, 2024.
- 5 California Air Resources Board (CARB). 2017. California's 2017 Climate Change Scoping Plan.
6 Available at
7 https://ww2.arb.ca.gov/sites/default/files/classic/cc/scopingplan/scoping_plan_2017.pdf.
8 Accessed: September 16, 2024.
- 9 California Department of Transportation (Caltrans). 2018. California State Rail Plan: 2018-2027.
10 Available at: <https://dot.ca.gov/-/media/dot-media/programs/rail-mass-transportation/documents/rail-plan/00-toc-and-introcsrpfinal.pdf>. Accessed: October 14, 2024,
11
12 2024.

13 Geology and Soils

- 14 American Association of State Highway and Transportation Officials (AASHTO). 2011. Guide
15 Specifications for Load and Resistance Factor Seismic Bridge Design.
- 16 American Association of State Highway and Transportation Officials (AASHTO). 2012. Load and
17 Resistance Factor Design Bridge Design Specifications (Sixth Edition).
- 18 American Railway Engineering and Maintenance-of-Way Association (AREMA). 2019. Manual for
19 Railway Engineering.
- 20 ASTM International. 2024. Annual Book of ASTM Standards.
- 21 California Department of Conservation (DOC). 2023. Earthquake Zones of Required Investigation
22 (interactive map). Available at: <https://maps.conservation.ca.gov/cgs/EQZApp/app/>. Accessed:
23 October 14, 2024.
- 24 California Department of Water Resources (DWR). 2020. California's Groundwater Update 2020 –
25 Full Report. Available at: https://data.cnra.ca.gov/dataset/calgw_update2020/resource/d2b45d3c-52c0-45ba-b92a-fb3c90c1d4be. Accessed: November 11, 2024.
26
- 27 California Department of Water Resources (DWR). 2020. Groundwater Information Center:
28 Interactive Map Application; Depth Below Ground Surface, Spring 2011 through Fall 2018
29 (interactive map). Available at: <https://gis.water.ca.gov/app/gicima/>. Accessed: October 14,
30 2024.
- 31 California Department of Water Resources (DWR). 2023. California's Groundwater Live:
32 Groundwater Levels (interactive map). Available at: <https://storymaps.arcgis.com/stories/b3886b33b49c4fa8adf2ae8bdd8f16c3>. Accessed: August 31, 2023.
33
- 34 California Geological Survey (CGS). 2002. California Geomorphic Provinces. Available at:
35 <https://www.conservation.ca.gov/cgs/documents/publications/cgs-notes/CGS-Note-36.pdf>.
36 Accessed: December 10, 2024.

- 1 California Geological Survey (CGS). 2008. Guidelines for Evaluating and Mitigating Seismic Hazards
2 in California. Available at:
3 <https://www.conservation.ca.gov/cgs/shzp/webdocs/Documents/SP117.pdf>. Accessed:
4 November 11, 2024.
- 5 California Geological Survey (CGS). 2010. Fault Activity Map of California, Version 2.0 (California
6 Geological Survey 150th Anniversary Edition). Available at:
7 <https://maps.conservation.ca.gov/cgs/fam/>. Accessed: December 10, 2024.
- 8 California Geological Survey (CGS). 2022. CGS Seismic Hazards Program: Liquefaction
9 Zones [https://www.arcgis.com/home/webmap/viewer.html?panel=gallery&layers=b70a766a6](https://www.arcgis.com/home/webmap/viewer.html?panel=gallery&layers=b70a766a60ad4c0688babdd47497dbad)
10 [0ad4c0688babdd47497dbad](https://www.arcgis.com/home/webmap/viewer.html?panel=gallery&layers=b70a766a60ad4c0688babdd47497dbad). Accessed: January 24, 2025.
- 11 California Geological Survey (CGS). 2024. California Earthquake Hazards Zone Application. Available
12 at: <https://www.conservation.ca.gov/cgs/geohazards/eq-zapp>. Accessed: January 24, 2025.
- 13 Madera County. 1995. Madera County General Plan Background Report (website). Available at:
14 <https://www.maderacounty.com/home/showpublisheddocument/2852/63648065356663000>
15 [0](https://www.maderacounty.com/home/showpublisheddocument/2852/63648065356663000). Accessed: December 11, 2024.
- 16 Madera County. 1995. Madera County's General Plan – Section 4, Recreational and Cultural
17 Resources Section. Available at: [https://online.encodeplus.com/regs/maderacounty-ca-gp/doc-](https://online.encodeplus.com/regs/maderacounty-ca-gp/doc-viewer.aspx?secid=75#secid-75)
18 [viewer.aspx?secid=75#secid-75](https://online.encodeplus.com/regs/maderacounty-ca-gp/doc-viewer.aspx?secid=75#secid-75). Accessed: August 30, 2023.
- 19 Madera County. 2015. Madera County 2016-2024 Housing Element Update (website). Available at:
20 <https://online.encodeplus.com/regs/maderacounty-ca-gp/doc-viewer.aspx#secid-152>.
21 Accessed: October 14, 2024.
- 22 County Local Hazard Mitigation Plan. Prepared by Foster Morrison Consulting, Ltd. October.
- 23 International Conference of Building Officials. 1994. Uniform Building Code.
- 24 Rosenberg, Lewis I., and Clark, Joseph C. 2009. Map of the Rinconada and Reliz Fault Zones, Salinas
25 River Valley, California. U.S. Geological Survey Scientific Investigations Map 3059, scale
26 1:250,000 with pamphlet. Available at: <https://pubs.usgs.gov/sim/3059/>. Accessed: December
27 10, 2024.
- 28 San Joaquin Joint Power Authority (SJJPA). 2021. 2021 Madera Station Relocation Project Final
29 Initial Study/Mitigated Negative Declaration. Prepared by AECOM. January.
- 30 Society of Vertebrate Paleontology. 2010. Standard Procedures for the Assessment and Mitigation of
31 Adverse Impacts to Paleontological Resources.
- 32 Southern California Earthquake Data Center (SCEDC). No date(a). San Andreas Fault Zone. Available
33 at: <https://scedc.caltech.edu/earthquake/sanandreas.html>. Accessed: December 10, 2024.
- 34 Southern California Earthquake Data Center (SCEDC). No date(b). San Jacinto Fault Zone. Available
35 at: <https://scedc.caltech.edu/earthquake/sanjacinto.html>. Accessed: December 10, 2024.
- 36 United States Department of Agriculture (USDA) – Natural Resources Conservation Service (NRCS).
37 2023. Web Soil Survey (interactive map). Available at:
38 <https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>. Accessed: October 14, 2024.

- 1 United States Geological Survey (USGS) and California Geological Survey (CGS). No date. U.S.
2 Quaternary Faults (interactive map). Available at:
3 <https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=5a6038b3a1684561a9b0aadf88412fcf>
4
- 5 United States Geological Survey (USGS). No date. Paleoseismic and seismotectonic investigations of
6 the Black Butte–San Joaquin faults system as proximal seismic sources to the Sacramento–San
7 Joaquin Delta. National Earthquake Hazards Reduction Program Final Technical Report.
8 Available at: https://earthquake.usgs.gov/cfusion/external_grants/reports/G20AP00078.pdf.
9 Accessed: December 10, 2024.
- 10 United States Geological Survey (USGS). 1996. Review of seismic-hazard issues associated with the
11 Auburn Dam project, Sierra Nevada foothills, California. Open-File Report 96-11. Available at:
12 <https://pubs.usgs.gov/of/1996/of96-011/intro.html>. Accessed: December 10, 2024.
- 13 United States Geological Survey (USGS). 2016. The San Andreas Fault. Available at:
14 <https://pubs.usgs.gov/gip/earthq3/safaultgip.html>. Accessed: December 10, 2024.
- 15 United States Geological Survey (USGS). 2018. Scenario Earthquake Hazards for the Long Valley
16 Caldera-Mono Lake Area, East-Central California (version 2.0, January 2018). Open-File Report
17 2014–1045. Available at: https://pubs.usgs.gov/of/2014/1045/pdf/ofr20141045_v2.0.pdf.
18 Accessed: December 10, 2024.
- 19 United States Geological Survey (USGS). 2019. Web Soil Survey. Available at:
20 <https://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx>. Accessed: November 11, 2024.
- 21 United States Geological Survey (USGS). 2020. Paleoseismic and seismotectonic investigations of the
22 Black Butte–San Joaquin faults system as proximal seismic sources to the Sacramento–San
23 Joaquin Delta. National Earthquake Hazards Reduction Program Final Technical Report.
24 Available at: https://earthquake.usgs.gov/cfusion/external_grants/reports/G20AP00078.pdf.
25 Accessed: December 10, 2024.
- 26 United States Geological Survey (USGS). 2023. U.S. Landslide Inventory (interactive map). Available
27 at: [https://usgs.maps.arcgis.com/apps/webappviewer/
28 \[index.html?id=ae120962f459434b8c904b456c82669d\]\(https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=ae120962f459434b8c904b456c82669d\)](https://usgs.maps.arcgis.com/apps/webappviewer/index.html?id=ae120962f459434b8c904b456c82669d). Accessed: September 18, 2023.

29 Hazards and Hazardous Materials

- 30 AirNav.com. 2023a. Madera Municipal Airport (database record). Available at:
31 <https://www.airnav.com/airport/KMAE>. Accessed: October 14, 2024.
- 32 AirNav.com. 2023b. Sierra Sky Park Airport (database record). Available at:
33 <https://www.airnav.com/airport/E79>. Accessed: October 14, 2024.
- 34 California Code of Regulations (CCR). Title 22 Social Security, Division 4.5 Environmental Health
35 Standards for the Management of Hazardous Waste, Chapter 10 Hazardous Waste Management
36 System: General. Available at: <https://dtsc.ca.gov/title22/>. Accessed: October 14, 2024.
- 37 California Department of Transportation (Caltrans). 2016 (March). Statewide Agreement for
38 Caltrans for Refuse of Aerially Deposited Lead-Contaminated Soils. Available at:
39 [https://dot.ca.gov/-/media/dot-media/programs/environmental-
40 \[analysis/documents/env/f0004055-caltrans-fs-\]\(https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/f0004055-caltrans-fs-\)](https://dot.ca.gov/-/media/dot-media/programs/environmental-analysis/documents/env/f0004055-caltrans-fs-)

- 1 a11y.pdf#:~:text=The%20lead%20is%20found%20within%2030%20feet%20of,as%20two%2
2 0to%20three%20feet%20below%20the%20surface. Accessed: October 14, 2024.
- 3 Department of Toxic Substances Control (DTSC). 2023a. EnviroStor (interactive map). Available at:
4 <https://www.envirostor.dtsc.ca.gov/public/map/?myaddress=Madera%2C+CA>. Accessed:
5 October 14, 2024.
- 6 Department of Toxic Substances Control (DTSC). 2023b. Hazardous Waste and Substances Site List
7 (Cortese) (database). Available at:
8 [https://www.envirostor.dtsc.ca.gov/public/search?cmd=search&reporttype=CORTESE&site_ty
9 pe=CSITES,FUDS&status=ACT,BKLG,COM&reporttitle=HAZARDOUS+WASTE+AND+SUBSTANCE
10 S+SITE+LIST+%28CORTESE%29](https://www.envirostor.dtsc.ca.gov/public/search?cmd=search&reporttype=CORTESE&site_type=CSITES,FUDS&status=ACT,BKLG,COM&reporttitle=HAZARDOUS+WASTE+AND+SUBSTANCE+S+SITE+LIST+%28CORTESE%29). Accessed: October 14, 2024.
- 11 Department of Toxic Substances Control (DTSC). 2024. MACGILLIS AND GIBBS (20240001).
12 Available at: https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=20240001
13 Accessed: November 18, 2024.
- 14 Madera Community College. 2023. Madera Community College (website). 2023. Available:
15 <https://www.maderacollege.edu/>. Accessed: October 14, 2024.
- 16 Madera County. 1995. Madera County General Plan.
- 17 Madera County. 2010. Madera County Operational Area Emergency Operations Plan. Available at:
18 <https://www.maderacounty.com/home/showpublisheddocument/3610/63653367251587000>
19 0. Accessed: October 14, 2024.
- 20 Madera County. 2017. Madera County Local Hazard Mitigation Plan. Available at:
21 [https://www.maderacounty.com/home/showpublisheddocument/17258/6370310545755300
22 00](https://www.maderacounty.com/home/showpublisheddocument/17258/63703105457553000) Accessed: November 23, 2024.
- 23 Madera County. 2023. Certified Unified Program Agency (CUPA). Available at:
24 [https://www.maderacounty.com/government/community-economic-development-
25 department/divisions/environmental-health-division/certified-unified-program-agency-cupa](https://www.maderacounty.com/government/community-economic-development-department/divisions/environmental-health-division/certified-unified-program-agency-cupa).
26 Accessed: October 14, 2024.
- 27 Madera County. 2024a. Environmental Health Division. Available at:
28 [https://www.maderacounty.com/government/community-economic-development-
29 department/divisions/environmental-health-division](https://www.maderacounty.com/government/community-economic-development-department/divisions/environmental-health-division) Accessed: November 16, 2024.
- 30 Madera County. 2024b. Geographic Information System (GIS), Zoning Map. Available at:
31 <https://www.maderacounty.com/government/geographic-information-system-gis> Accessed:
32 November 16, 2024.
- 33 Madera County. 2024c. Geographic Information System (GIS), General Plan Land Use Map. Available
34 at: <https://www.maderacounty.com/government/geographic-information-system-gis> Accessed:
35 November 16, 2024.
- 36 Madera Unified School District. 2023. Cesar Chavez Elementary (website). Available at:
37 <https://www.madera.k12.ca.us/chavez>. Accessed: October 14, 2024.
- 38 State Water Resources Control Board. 2023. GeoTracker (database). Available at:
39 <https://geotracker.waterboards.ca.gov/>. Accessed: October 14, 2024.

- 1 State Water Resources Control Board. 2024. MACGILLIS & GIBBS POLE TR (SLT5FR274381).
2 Available at: https://geotracker.waterboards.ca.gov/profile_report?global_id=SLT5FR274381
3 Accessed: November 18, 2024.
- 4 TRC Solutions. 2015. Second Quarter 2015 Monitoring Report; Former MacGillis and Gibbs Pole
5 Treating Facility (Trigo Site), Madera, California.
- 6 United States Environmental Protection Agency (USEPA). 2024. What is a pesticide? Available at:
7 <https://www.epa.gov/minimum-risk-pesticides/what-pesticide>. Accessed: November 16, 2024.

8 Hydrology and Water Quality

- 9 California Department of Transportation (Caltrans). 2003. Construction Site Best Management
10 Practice (BMP) Field Manual and Troubleshooting Guide. January. Available at:
11 [https://dot.ca.gov/-/media/dot-media/programs/construction/documents/environmental-](https://dot.ca.gov/-/media/dot-media/programs/construction/documents/environmental-compliance/bmp-field-master-fullsize-final-jan03-a11y.pdf)
12 [compliance/bmp-field-master-fullsize-final-jan03-a11y.pdf](https://dot.ca.gov/-/media/dot-media/programs/construction/documents/environmental-compliance/bmp-field-master-fullsize-final-jan03-a11y.pdf) Accessed: November 13, 2024.
- 13 California Department of Transportation (Caltrans). 2024. Construction Site Best Management
14 Practices (BMP) Manual. March. Available at [dot.ca.gov/-/media/dot-](https://dot.ca.gov/-/media/dot-media/programs/construction/documents/environmental-compliance/construction-site-bmps_final-march-2024_a11y.pdf)
15 [media/programs/construction/documents/environmental-compliance/construction-site-](https://dot.ca.gov/-/media/dot-media/programs/construction/documents/environmental-compliance/construction-site-bmps_final-march-2024_a11y.pdf)
16 [bmps_final-march-2024_a11y.pdf](https://dot.ca.gov/-/media/dot-media/programs/construction/documents/environmental-compliance/construction-site-bmps_final-march-2024_a11y.pdf). Accessed: November 13, 2024.
- 17 California Department of Water Resources (DWR). 2020. Groundwater Information Center:
18 Interactive Map Application; Depth Below Ground Surface, Spring 2011 through Fall 2018
19 (interactive map). Available at: <https://gis.water.ca.gov/app/gicima/>. Accessed: November 14,
20 2024.
- 21 Central Valley Regional Water Quality Control Board (CVRWQCB). 2019. Water Quality Control Plan
22 (Basin Plan) for the Sacramento River Basin and the San Joaquin River Basin. February.
23 Available at:
24 https://www.waterboards.ca.gov/centralvalley/water_issues/basin_plans/sacsjr_201902.pdf.
25 Accessed: October 23, 2024.
- 26 Clean Water Act. 1987. Water Quality Act of 1987. Public Law 100-4. February 4. Available at:
27 [congress.gov/100/statute/STATUTE-101/STATUTE-101-Pg7.pdf](https://www.congress.gov/100/statute/STATUTE-101/STATUTE-101-Pg7.pdf). Accessed: November 13,
28 2024.
- 29 Madera County. 2017. Local Hazard Mitigation Plan Update. Available at:
30 <https://www.maderacounty.com/home/showpublisheddocument/17258/6370310545755300>
31 00. Accessed: November 14, 2024.
- 32 Madera County. 2017. Madera County Storm Water Resource Plan (SWRP). December. Available at:
33 [maderacountywater.com/wp-content/uploads/2018/06/FINAL_MaderaSWRP_171228.pdf](https://www.maderacountywater.com/wp-content/uploads/2018/06/FINAL_MaderaSWRP_171228.pdf).
34 Accessed: October 28, 2024.
- 35 Madera County. 2015. Madera County General Plan Policy Document. Adopted 1995, as amended in
36 2015. Available at: [https://www.maderacounty.com/government/community-economic-](https://www.maderacounty.com/government/community-economic-development-department/divisions/planning-division/planning-forms-and-documents/-/folder-269)
37 [development-department/divisions/planning-division/planning-forms-and-documents/-/folder-](https://www.maderacounty.com/government/community-economic-development-department/divisions/planning-division/planning-forms-and-documents/-/folder-269)
38 269. Accessed: November 14, 2024.
- 39 Davids Engineering; Luhdorff & Scalmanini Consulting Engineers. 2018. Technical Memorandum:
40 Madera Subbasin; Sustainable Groundwater Management Act (SGMA) Draft Preliminary Basin

- 1 Boundary Water Budget. Available at: [https://www.maderacountywater.com/wp-](https://www.maderacountywater.com/wp-content/uploads/2019/07/Madera-Subbasin-Preliminary-Water-Budget-Analysis-TM.pdf)
2 [content/uploads/2019/07/Madera-Subbasin-Preliminary-Water-Budget-Analysis-TM.pdf](https://www.maderacountywater.com/wp-content/uploads/2019/07/Madera-Subbasin-Preliminary-Water-Budget-Analysis-TM.pdf).
3 Accessed: November 14, 2024.
- 4 Federal Emergency Management Agency (FEMA). 2024a. National Flood Hazard Layer. Available at:
5 <https://www.fema.gov/flood-maps/national-flood-hazard-layer>. Accessed: October 23, 2024.
- 6 Federal Emergency Management Agency (FEMA). 2024b. National Flood Hazard Layer. Available at:
7 <https://hazards.fema.gov/arcgis/rest/services/public/NFHL/MapServer>. Accessed:
8 November 1, 2024.
- 9 National Oceanic and Atmospheric Administration (NOAA). 2023. Online Weather Data – National
10 Weather Service Hanford. Available at: <https://www.weather.gov/wrh/climate?wfo=hnx>.
11 Accessed: November 13, 2024.
- 12 State Water Resources Control Board (SWRCB). 1968. Resolution No. 68-16. Statement of Policy
13 with Respect to Maintaining High Quality of Waters In California. Available at:
14 [https://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/1968/rs68_01](https://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/1968/rs68_016.pdf)
15 [6.pdf](https://www.waterboards.ca.gov/board_decisions/adopted_orders/resolutions/1968/rs68_016.pdf). Accessed: October 23, 2024.
- 16 State Water Resources Control Board (SWRCB). 2022a. National Pollutant Discharge Elimination
17 System (NPDES) General Permit for Storm Water Discharges Associated with Construction and
18 Land Disturbance Activities (General Permit). Order No. 2022-0057-DWQ, NPDES No.
19 CAS000002. September. Available at: [https://www.waterboards.ca.gov/board_decisions/](https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2022/wqo_2022-0057-dwq.pdf)
20 [adopted_orders/water_quality/2022/wqo_2022-0057-dwq.pdf](https://www.waterboards.ca.gov/board_decisions/adopted_orders/water_quality/2022/wqo_2022-0057-dwq.pdf). Accessed: October 23, 2024.
- 21 State Water Resources Control Board (SWRCB). 2022b. 2020-2022 California Integrated Report
22 303(d) List/305(b) Report. Available at:
23 [https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fwww.waterboards.ca.gov](https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fwww.waterboards.ca.gov%2Fwater_issues%2Fprograms%2Ftmdl%2F2020_2022state_ir_reports_revised_final%2Fapx-a-303d-list.xlsx&wdOrigin=BROWSELINK)
24 [v%2Fwater_issues%2Fprograms%2Ftmdl%2F2020_2022state_ir_reports_revised_final%2Fapx](https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fwww.waterboards.ca.gov%2Fwater_issues%2Fprograms%2Ftmdl%2F2020_2022state_ir_reports_revised_final%2Fapx-a-303d-list.xlsx&wdOrigin=BROWSELINK)
25 [-a-303d-list.xlsx&wdOrigin=BROWSELINK](https://view.officeapps.live.com/op/view.aspx?src=https%3A%2F%2Fwww.waterboards.ca.gov%2Fwater_issues%2Fprograms%2Ftmdl%2F2020_2022state_ir_reports_revised_final%2Fapx-a-303d-list.xlsx&wdOrigin=BROWSELINK). Accessed: November 5, 2024.
- 26 TRC Solutions. 2015. Second Quarter 2015 Monitoring Report; Former MacGillis and Gibbs, Pole
27 Treating Facility (Trigo Site), Madera, California.
- 28 United States Geological Survey (USGS). 2023. USGS Watershed Boundary Dataset (WBD) for 2-digit
29 Hydrologic Unit - 18 (published 20231227). Available at: [https://www.usgs.gov/national-](https://www.usgs.gov/national-hydrography/access-national-hydrography-products)
30 [hydrography/access-national-hydrography-products](https://www.usgs.gov/national-hydrography/access-national-hydrography-products). Accessed: November 1, 2024.

31 Land Use and Planning

- 32 Madera County. 1995 (July). Madera State Center Community College Specific Plan. Available:
33 [https://www.maderacounty.com/government/community-economic-development-](https://www.maderacounty.com/government/community-economic-development-department/divisions/planning-division/planning-forms-and-documents/-folder-120)
34 [department/divisions/planning-division/planning-forms-and-documents/-folder-120](https://www.maderacounty.com/government/community-economic-development-department/divisions/planning-division/planning-forms-and-documents/-folder-120).
35 Accessed: November 14, 2024.
- 36 Madera County. 2015. Madera County General Plan Policy Document. Adopted 1995, as amended in
37 2015. Available at: [https://www.maderacounty.com/government/community-economic-](https://www.maderacounty.com/government/community-economic-development-department/divisions/planning-division/planning-forms-and-documents/-folder-269)
38 [development-department/divisions/planning-division/planning-forms-and-documents/-folder-](https://www.maderacounty.com/government/community-economic-development-department/divisions/planning-division/planning-forms-and-documents/-folder-269)
39 [269](https://www.maderacounty.com/government/community-economic-development-department/divisions/planning-division/planning-forms-and-documents/-folder-269). Accessed: November 14, 2024.

- 1 Madera County. 2020. Madera County Municipal Code. Available:
2 https://library.municode.com/ca/madera_county/codes/code_of_ordinances?nodeId=TIT18ZO.
3 Accessed: November 14, 2024.
- 4 Madera County Transportation Commission. 2018. 2018 Regional Transportation Plan/Sustainable
5 Communities Strategy. Available: [https://www.maderactc.org/transportation/page/your-](https://www.maderactc.org/transportation/page/your-madera-2042-rtpscs)
6 [madera-2042-rtpscs](https://www.maderactc.org/transportation/page/your-madera-2042-rtpscs). Accessed: November 14, 2024.

7 Mineral Resources

- 8 California Department of Conservation (DOC). 2022. Mineral Lands Classification (interactive map).
9 Available: <https://maps.conservation.ca.gov/cgs/informationwarehouse/index.html?map=mlc>.
10 Accessed: November 14, 2024.
- 11 County of Merced. 2013. General Plan (website). Available at:
12 <https://countyofmerced.com/100/General-Plan>. Accessed: November 14, 2024.

13 Noise and Vibration

- 14 AECOM. (2024). Technical Noise Study for the Project. Prepared for the Madera County Project.
15 California Code of Regulations (CCR), Title 14, Section 15000 et seq. (2023). California
16 Environmental Quality Act (CEQA) Guidelines.
- 17 AirNav.com. 2023a. Madera Municipal Airport (database record). Available at:
18 <https://www.airnav.com/airport/KMAE>. Accessed: November 14, 2024.
- 19 AirNav.com. 2023b. Sierra Sky Park Airport (database record). Available at:
20 <https://www.airnav.com/airport/E79>. Accessed: November 14, 2024.
- 21 Federal Highway Administration (FHWA). 2006. Roadway Construction Noise Model User's Guide.
22 U.S. Department of Transportation, Federal Highway Administration.
- 23 Federal Railroad Administration (FRA). 2012. High-Speed Ground Transportation Noise and
24 Vibration Impact Assessment. U.S. Department of Transportation.
- 25 Federal Transit Administration (FTA). 2018. Transit Noise and Vibration Impact Assessment
26 Manual. U.S. Department of Transportation.
- 27 Madera County. 1995. Madera County General Plan. Madera County Planning Department.
- 28 Madera County Code of Ordinances, Chapter 9.58 - Noise Control. Madera County.
- 29 California Department of Transportation (Caltrans). 2013. Technical Noise Supplement to the Traffic
30 Noise Analysis Protocol (TeNS). California Department of Transportation.

31 Population and Housing

- 32 California Department of Finance. 2019. Projections (website). Available at:
33 <https://dof.ca.gov/Forecasting/Demographics/projections/>. Accessed: November 14, 2024.

- 1 Madera County. 2020. Madera County Municipal Code (database). Available at:
2 https://library.municode.com/ca/madera_county/codes/code_of_ordinances?nodeId=TIT18ZO.
3 Accessed: November 14, 2024.
- 4 Madera County 2015. Madera County General Plan Policy Document. Adopted 1995, as amended
5 2015. Available at: [https://www.maderacounty.com/government/community-economic-](https://www.maderacounty.com/government/community-economic-development-department/divisions/planning-division/planning-forms-and-documents/-folder-269)
6 [development-department/divisions/planning-division/planning-forms-and-documents/-folder-](https://www.maderacounty.com/government/community-economic-development-department/divisions/planning-division/planning-forms-and-documents/-folder-269)
7 [269](https://www.maderacounty.com/government/community-economic-development-department/divisions/planning-division/planning-forms-and-documents/-folder-269). Accessed: November 14, 2024.
- 8 United States Census Bureau. 2023a. QuickFacts: Fresno city, California; Fresno County, California
9 (database record). Available at:
10 [https://www.census.gov/quickfacts/fact/table/fresnocitycalifornia,fresnocountycalifornia/PST](https://www.census.gov/quickfacts/fact/table/fresnocitycalifornia,fresnocountycalifornia/PST045222)
11 [045222](https://www.census.gov/quickfacts/fact/table/fresnocitycalifornia,fresnocountycalifornia/PST045222). Accessed: November 14, 2024.
- 12 United States Census Bureau. 2023b. QuickFacts: Madera city, California (database record).
13 Available at: <https://www.census.gov/quickfacts/fact/table/maderacitycalifornia/PST045222>.
14 Accessed: November 14, 2024.
- 15 United States Census Bureau. 2023c. QuickFacts: Madera County, California (database record).
16 Available at:
17 <https://www.census.gov/quickfacts/fact/table/maderacountycalifornia/PST045222>. Accessed:
18 November 14, 2024.

19 Public Services

- 20 City of Madera. 2019. City of Madera Police Department Annual Report 2019. Available at:
21 <https://www.madera.gov/wp-content/uploads/2020/10/PD-Annual-Report-Final.pdf>.
22 Accessed: November 14, 2024.
- 23 City of Madera. 2009. City of Madera General Plan Update Draft Environmental Impact Report.
24 Available at: <https://www.madera.gov/wp-content/uploads/2018/01/Draft-EIR.pdf>. Accessed:
25 November 14, 2024.
- 26 Madera County. 2023a. Madera County Fire Department (website). Available at:
27 <https://www.maderacounty.com/government/fire-department>. Accessed: November 14, 2024.
- 28 Madera County 2023b. Staffing/Stations (website). Available at:
29 <https://www.maderacounty.com/government/fire-department/staffing-stations>. Accessed:
30 November 14, 2024.
- 31 Madera Unified School District. 2023. Madera USD (interactive map). Available at:
32 <https://portal.schoolslocator.com/apps/ssl/?districtcode=52841#>. Accessed: November 14,
33 2024.

34 Transportation

- 35 California Department of Transportation 2018. California State Rail Plan; Connecting California.
36 Available at: <https://dot.ca.gov/programs/rail/2018-california-state-rail-plan>. Accessed:
37 December 3, 2024.

- 1 California Department of Transportation. 2021. California Transportation Plan 2050. Available at:
2 <https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/ctp->
3 [2050-v3-a11y.pdf](https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/ctp-2050-v3-a11y.pdf). Accessed: December 3, 2024.
- 4 California Department of Transportation (Caltrans). 2023. California State Rail Plan. Available at:
5 <https://dot.ca.gov/programs/rail/california-state-rail-plan>. Accessed: December 3, 2024.
- 6 California High-Speed Rail Authority (CHSRA). 2024. 2024 Business Plan. Available at:
7 <https://hsr.ca.gov/about/high-speed-rail-business-plans/2024-business-plan/>. Accessed:
8 December 3, 2024.
- 9 City of Madera. 2024. City of Madera Capital Improvement Plan; Fiscal Years 2023-2028. Available
10 at: <https://www.madera.gov/wp-content/uploads/2023/09/FY-23-24-Capital-Improvement->
11 [Plan.pdf](https://www.madera.gov/wp-content/uploads/2023/09/FY-23-24-Capital-Improvement-Plan.pdf). Accessed: December 4, 2024.
- 12 City of Madera.2022. Madera Transit Plan. Available at: <https://www.madera.gov/wp->
13 [content/uploads/2022/09/Madera-Transit-Plan_-Final.pdf](https://www.madera.gov/wp-content/uploads/2022/09/Madera-Transit-Plan_-Final.pdf). Accessed: December 4, 2024.
- 14 City of Madera.2015. City of Madera Climate Action Plan. Available at:
15 https://www.madera.gov/wp-content/uploads/2017/08/Final-Madera-CAP_September-
16 [2015.pdf](https://www.madera.gov/wp-content/uploads/2017/08/Final-Madera-CAP_September-2015.pdf). Accessed: December 4, 2024.
- 17 City of Madera.2009 (October 7). City of Madera General Plan. Available at:
18 <https://www.madera.gov/home/departments/community-development/general-plan/>.
19 Accessed: December 3, 2024.
- 20 Madera County. 2025. Madera Transit Station Specific Plan (MTSSP). Available at:
21 <https://www.maderacounty.com/government/community-economic-development->
22 [department/divisions/planning-division/madera-transit-station-specific-plan](https://www.maderacounty.com/government/community-economic-development-department/divisions/planning-division/madera-transit-station-specific-plan). Accessed:
23 December 4, 2024.
- 24 Madera County.1995a. Madera County General Plan Policy Document. Available at:
25 <https://www.maderacounty.com/home/showpublisheddocument/40825/>
26 [638615574804870000](https://www.maderacounty.com/home/showpublisheddocument/40825/638615574804870000). Accessed: December 3, 2024.
- 27 Madera County.1995b Madera State Center Community College Specific Plan. Available at:
28 <https://www.maderacounty.com/home/showpublisheddocument/658/636475910548700000>
29 [. Accessed: December 4, 2024.](https://www.maderacounty.com/home/showpublisheddocument/658/636475910548700000)
- 30 Governor’s Office of Planning and Research (OPR). 2018 Technical Advisory on Evaluating
31 Transportation Impacts in CEQA. Available at: <https://opr.ca.gov/ceqa/docs/20190122->
32 [743_Technical_Advisory.pdf](https://opr.ca.gov/ceqa/docs/20190122-743_Technical_Advisory.pdf). Accessed: April 1, 2020.
- 33 Madera County Transportation Commission (MCTC). 2023. 2024 Regional Transportation
34 Improvement Program. Available at: <https://www.maderactc.org/programming/page/regional->
35 [transportation-improvement-program-rtip](https://www.maderactc.org/programming/page/regional-transportation-improvement-program-rtip). Accessed: December 4, 2024.
- 36 Madera County Transportation Commission (MCTC).2022a Coordinated Public Transit Human
37 Services Transportation Plan; Fiscal Years 2022/23 - 2026/27. Available at:
38 <https://www.maderactc.org/transportation/page/coordinated-public-transit-human-services->
39 [transportation-plan](https://www.maderactc.org/transportation/page/coordinated-public-transit-human-services-transportation-plan). Accessed: December 4, 2024.

1 Madera County Transportation Commission (MCTC).2022b. 2022 Regional Transportation Plan &
2 Sustainable Communities Strategy; Your Madera 2046. Available at:
3 <https://www.maderactc.org/transportation/page/your-madera-2046-rtpscs>. Accessed:
4 December 4, 2024.

5 Madera County Transportation Commission (MCTC).2022c. Madera County Short-Range Transit
6 Plan FY 2022/23 - 2026/27. Available at:
7 <https://www.maderactc.org/transportation/page/short-range-transit-plan>. Accessed:
8 December 4, 2024.

9 Madera County Transportation Commission (MCTC).2018. Madera Active Transportation Plan.
10 Available at: <https://www.maderactc.org/transportation/page/active-transportation-plan>.
11 Accessed: December 4, 2024.

12 Madera County Connection (MCC). 2024. Madera County Connection System Map. Available at
13 <https://mcctransit.com/>. Accessed December 4, 2024.

14 San Joaquin Joint Powers Authority (SJJPA). 2024. 2024 Business Plan Update. Available at:
15 [https://cdn.sjjpa.com/wp-content/uploads/20240610084720/2024-SJJPA-Business-Plan-](https://cdn.sjjpa.com/wp-content/uploads/20240610084720/2024-SJJPA-Business-Plan-Update.pdf)
16 [Update.pdf](https://cdn.sjjpa.com/wp-content/uploads/20240610084720/2024-SJJPA-Business-Plan-Update.pdf). Accessed: December 4, 2024.

17 Tribal Cultural Resources

18 California Geological Survey (CGS). 2002. California Geomorphic Provinces, Note 36. California
19 Department of Conservation.

20 ICF. 2024. Madera HSR Station Full-Built Project Section Archaeological Survey Report. December.
21 Sacramento, CA. Prepared for California High-Speed Rail Authority and Federal Railroad
22 Administration.

23 United States Department of Interior. 1990. National Register Bulletin: How to Apply the National
24 Register Criteria for Evaluation. Available at:
25 https://www.nps.gov/subjects/nationalregister/upload/NRB-15_web508.pdf. Accessed: July
26 16, 2024.

27 United States Geological Survey (USGS). 1922. Madera, California, 7.5-Minute Quadrangle Map. 1946.
28 Gregg, California, 7.5-Minute Quadrangle Map. 1965. Gregg, California, 7.5-Minute Quadrangle
29 Map.

30 Wildfire

31 California Department of Forestry and Fire Protection (CAL FIRE). 2007. California Fire Hazard
32 Severity Zone Maps (website). Available at: [https://osfm.fire.ca.gov/fire-hazard-severity-zones-](https://osfm.fire.ca.gov/fire-hazard-severity-zones-maps-2022/)
33 [maps-2022/](https://osfm.fire.ca.gov/fire-hazard-severity-zones-maps-2022/). Accessed: November 15, 2024.

34 Madera County. 2023. Certified Unified Program Agency (CUPA). Available at:
35 [https://www.maderacounty.com/government/community-economic-development-](https://www.maderacounty.com/government/community-economic-development-department/divisions/environmental-health-division/certified-unified-program-agency-cupa)
36 [department/divisions/environmental-health-division/certified-unified-program-agency-cupa](https://www.maderacounty.com/government/community-economic-development-department/divisions/environmental-health-division/certified-unified-program-agency-cupa).
37 Available: November 15, 2024.

1 Madera County. 2010 (January). Madera County Operational Area Emergency Operations Plan.
2 Available at:
3 <https://www.maderacounty.com/home/showpublisheddocument/3610/63653367251587000>
4 0. Accessed: November 15, 2024.

5 Madera County . 2008 (September). Madera County Community Wildfire Protection Plan. Available
6 at: [https://firewisemaderacounty.org/wp-content/uploads/2012/Madera-County-Community-](https://firewisemaderacounty.org/wp-content/uploads/2012/Madera-County-Community-Wildfire-Protection-Plan-CWPP-9.30.2008.pdf)
7 [Wildfire-Protection-Plan-CWPP-9.30.2008.pdf](https://firewisemaderacounty.org/wp-content/uploads/2012/Madera-County-Community-Wildfire-Protection-Plan-CWPP-9.30.2008.pdf). Accessed: November 15, 2024.

8 **Cumulative Impacts**

9 California Department of Transportation. (Caltrans). 2023. Madera County Economic Forecast.
10 Available at: [https://dot.ca.gov/-/media/dot-media/programs/transportation-](https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/new-state-planning/transportation-economics/socioeconomic-forecasts/2023/2023-pdf/madera-2023-a11y.pdf)
11 [planning/documents/new-state-planning/transportation-economics/socioeconomic-](https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/new-state-planning/transportation-economics/socioeconomic-forecasts/2023/2023-pdf/madera-2023-a11y.pdf)
12 [forecasts/2023/2023-pdf/madera-2023-a11y.pdf](https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/new-state-planning/transportation-economics/socioeconomic-forecasts/2023/2023-pdf/madera-2023-a11y.pdf). Accessed: November 12, 2024.

13 California Department of Transportation. (Caltrans). 2023. California Freight Mobility Plan.
14 Available at: [https://dot.ca.gov/-/media/dot-media/programs/transportation-](https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/cfmp/cfmp-july-2023-final-v1-a11y.pdf)
15 [planning/documents/cfmp/cfmp-july-2023-final-v1-a11y.pdf](https://dot.ca.gov/-/media/dot-media/programs/transportation-planning/documents/cfmp/cfmp-july-2023-final-v1-a11y.pdf). Accessed: November 12, 2024.

16 California Department of Transportation. (Caltrans). 2024. California State Rail Plan. Available at:
17 [https://dot.ca.gov/-/media/dot-media/programs/rail-mass-](https://dot.ca.gov/-/media/dot-media/programs/rail-mass-transportation/documents/california-state-rail-plan/2024-ca-state-rail-plan-a11y.pdf)
18 [transportation/documents/california-state-rail-plan/2024-ca-state-rail-plan-a11y.pdf](https://dot.ca.gov/-/media/dot-media/programs/rail-mass-transportation/documents/california-state-rail-plan/2024-ca-state-rail-plan-a11y.pdf).
19 Accessed: November 12, 2024.

20 Madera County. 2024. General Plan - Housing Element 2024-2032. Available at:
21 <https://maderacountyhousingelement.com/housing-element/>. Accessed December 4, 2024.

22 Madera Station Transit Station Specific Plan (MTSSP). 2025. Available at:
23 [https://www.maderacounty.com/government/community-economic-development-](https://www.maderacounty.com/government/community-economic-development-department/divisions/planning-division/madera-transit-station-specific-plan)
24 [department/divisions/planning-division/madera-transit-station-specific-plan](https://www.maderacounty.com/government/community-economic-development-department/divisions/planning-division/madera-transit-station-specific-plan). Accessed:
25 November 8, 2024.