

Appendix H List of Technical Studies

Air Quality and Greenhouse Gas

Caltrans. 2024. Air Quality Report. April 2024.

Biological Resources

Caltrans. 2021. Nesting Swainson's Hawk Protocol Survey Report. August 2021.

Caltrans 2022. Bat Species of Special Concern Habitat Assessment. July 2022.

Caltrans. 2022. Botanical Resources Survey Report. September 2022.

Caltrans 2022. Giant Garter Snake Habitat Assessment. August 2022.

Caltrans. 2022. Nesting Burrowing Owl Protocol Survey. July 2022.

Caltrans. 2022. Tricolored Blackbird Nesting Habitat Assessment. August 2022.

Caltrans. 2022. Valley Elderberry Longhorn Beetle Habitat Assessment. August 2022.

Caltrans. 2023. Aquatic Resources Delineation Report. March 2023.

Caltrans. 2023. Biological Assessment. March 2023.

Caltrans 2023. Natural Environment Study. March 2023.

Community/Environmental Justice

Caltrans. 2023. Community Impacts Assessment (draft). Revised July 2023.

Cultural

Caltrans. 2021. Cultural resources study. September 2021.

Cumulative

Caltrans. 2023. Cumulative Impacts Assessment (draft). Revised August 2023.

Drainage

Wood Rodgers, Inc. 2021. Preliminary Drainage Report. Prepared for Caltrans District 3. May 2021.

Energy

Caltrans. 2023. Environmental Impact Evaluation – Energy. Revised August 28, 2023.

Geological/Geotech

Caltrans. 2020. Structure Preliminary Geotechnical Report for I-80 HOV Connector. January 22, 2020.

Caltrans. 2021. Structure Preliminary Geotechnical Report for Richards Blvd. OC Retaining Wall (RW) No. 3. March 2021.

Caltrans. 2021. Structure Preliminary Geotechnical Report for I-80 HOV Connector Retaining Wall (RW) No. 1 & 2. May 14, 2021.

Caltrans. 2021. District Preliminary Geotechnical Report (DPGR) for I-80 Corridor Improvement Project. July 2, 2021.

Hazards and Hazardous Materials

Caltrans. 2021. Hazardous Waste Initial Site Assessment. February 2021.

Hydrology and Floodplain

Caltrans. 2021. EA 03-3H900: I-80 Managed Lanes Project, 04-SOL-80-40.7/R44.7; 03-YOL-80-0.00/R11.72; 03-YOL-50-0.00/3.12; 03-SAC-50-0.00/L0.617; 03-SAC-80-M0.00/M1.36 - Floodplain Hydraulics Study. July 16, 2021.

Noise

Caltrans. 2021. Noise Abatement Decision Report. Supplemented by the November 2021 Draft Noise Study Report. December 2021.

Caltrans. 2022. Noise Study Report. June 2022.

Paleontology

Caltrans. 2023. Paleontological Identification Report. Revised July 2023.

Section 4(f)

Caltrans. 2024. Section 4(f) No “Use” Determination. April 2024.

Traffic, and Bicycle and Pedestrian

Caltrans. 2023. Pedestrian and Bicycle Travel Impact Assessment. February 2023.

Caltrans. 2023. Transportation Analysis Report. November 2023.

Caltrans. 2024. Final VMT Mitigation Estimate. Memorandum. March.

Caltrans. 2024. Final VMT Mitigation Plan. April.

Fehr and Peers. 2022. I-80/US 50 Managed Lanes – Phase B Forecasts and Performance Measures. December 15, 2022.

Caltrans. 2021. I-80/ US 50 Managed Lanes Traffic Forecasts Memorandum. October 22, 2021.

Caltrans. 2021. I-80/ US-50 Managed Lanes Traffic Data Memorandum. January 8, 2021.

Caltrans. 2021. I-80/ US-50 Managed Lanes Travel Demand Modeling Report. October 2021.

Caltrans. 2021. I-80/ US-50 Travel Pattern Data Memorandum. February 10, 2021.

Caltrans. 2021. Origin destination report. March 2021.

Visual

Caltrans. 2022. Visual Impact Assessment. June 22, 2022.

Water Quality

Caltrans. 2022. Water Quality Assessment. October 3, 2022.