

Appendix D: References

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- Association of Environmental Professionals (AEP). 2007 (March 5). Recommendations by the AEP on How to Analyze Greenhouse Gas Emissions and Global Climate Change in CEQA Documents. Available at:
<http://citeseerx.ist.psu.edu/viewdoc/download;jsessionid=2A103A1019FF4D7EB5409FB1701C1437?doi=10.1.1.512.9243&rep=rep1&type=pdf>.
- Bruce G. Baldwin, Douglas Goldman, David J Keil, Robert Patterson, Thomas J. Rosatti, and Dieter Wilken. 2012. Jepson Manual: Vascular Plants of California, Second Edition.
- Barth, Matthew, and Kanok Boriboonsomsin. 2009 (August). Energy and emissions impacts of a freeway-based dynamic eco-driving system. Transportation Research Part D: Transport and Environment. Volume 14, Issue 6, Pages 400–410.
- Bryant, W.A., and E.W. Hart. 2007. Fault-Rupture Hazard Zones in California. Department of Conservation, California Geological Survey, Special Publication 42, Interim Revision 7. Sacramento, CA: California Geological Survey.
- California Air Resources Board (ARB). 2017 (June). Greenhouse Gas Emission Inventory – 2017 Edition: Years 2000-2015. Available at:
<https://www.arb.ca.gov/cc/inventory/pubs/pubs.htm>.
- . 2017 (November). California’s 2017 Climate Change Scoping Plan. Available at:
https://www.arb.ca.gov/cc/scopingplan/scoping_plan_2017.pdf.
- . 2018 (July 11). California Greenhouse Gas Emission Inventory – 2018 Edition. Available at: <https://www.arb.ca.gov/cc/inventory/data/data.htm>.
- California Department of Conservation. 2018a. Division of Oil, Gas, and Geothermal Resources (DOGGR), Well Finder. Available at:
<https://maps.conservation.ca.gov/doggr/wellfinder/>.
- . 2018b (accessed March 2019). Farmland Mapping and Monitoring Program (FMMP): Orange County Important Farmland Data Availability.
<https://www.conservation.ca.gov/dlrp/fmmp/Pages/Orange.aspx>.
- California Department of Fish and Wildlife (CDFW), California Natural Diversity Database (CNDDDB). 2018. Record search for the Tustin, California and Orange, California 7.5-minute quadrangles. Accessed May 18, 2018. Sacramento, CA: CDFW.
- . California Native Plant Society (CNPS). Inventory of Rare and Endangered Plants. Information for the Tustin, California and Orange, California 7.5-minute U.S. Geological Survey (USGS) topographic quadrangles. Sacramento, CA: CNPS.

- California Department of Forestry and Fire Protection (Cal Fire). 2007 (adopted November 7). Orange County Fire Hazard Severity Zones in the State Responsibility Area (SRA). Available at: http://www.fire.ca.gov/fire_prevention/fhsz_maps_orange. Accessed April 15, 2019.
- . 2011 (October). Orange County Very High Fire Hazard Severity Zones in the Local Responsibility Area (LRA) as recommended by Cal Fire. Available at: http://www.fire.ca.gov/fire_prevention/fhsz_maps_orange. Accessed April 15, 2019.
- California Department of Transportation (Caltrans). 1997 (December). Transportation Project-Level Carbon Monoxide Protocol (CO Protocol). Available at: <http://www.dot.ca.gov/env/air/co-protocol.html>.
- . 2002 (December). Caltrans Guide for the Preparation of Traffic Impact Studies. Available at: http://www.dot.ca.gov/hq/tpp/offices/ocp/igr_ceqa_files/tisguide.pdf.
- . 2005. *Standard Environmental Reference (SER) Guidance for Preparers of Cumulative Impact Analysis*.
- . 2006 (May). Guidance for Preparers of Growth-related, Indirect Impact Analyses. Available at: [http://www.dot.ca.gov/ser/Growth-related IndirectImpactAnalysis/GRI_guidance06May_files/gri_guidance.pdf](http://www.dot.ca.gov/ser/Growth-related%20IndirectImpactAnalysis/GRI_guidance06May_files/gri_guidance.pdf).
- . 2011a. Tract Housing in California, 1945–1973: A Context for National Register Evaluations. Accessed March 6, 2018. Available at: http://www.dot.ca.gov/ser/downloads/cultural/tract_housing_in_ca_1945-1973.pdf.
- . 2011b (May). *Traffic Noise Analysis Protocol for New Highway Construction, Reconstruction, and Retrofit Barrier Projects*. Available at: http://www.dot.ca.gov/hq/env/noise/pub/ca_tnap_may2011.pdf. Accessed November 2018.
- . 2012a (June). Geotechnical Services Design Manual. Updated December 2016.
- . 2012b (August). Near-Road Nitrogen Dioxide Assessment. Final report, CTAQ-RT-12-270.09.02.
- . 2013a (April). Seismic Design Criteria, Version 1.7.
- . 2013b (April). Caltrans Activities to Address Climate Change. Available at: [www.dot.ca.gov/hq/tpp/offices/orip/climate_change/documents/Caltrans_ClimateChange Rprt-Final_April_2013.pdf](http://www.dot.ca.gov/hq/tpp/offices/orip/climate_change/documents/Caltrans_ClimateChangeRprt-Final_April_2013.pdf).
- . 2013c (September). Technical Noise Supplement to the Traffic Noise Analysis Protocol. Available at: http://www.dot.ca.gov/hq/env/noise/pub/TeNS_Sept_2013A.pdf.
- . 2014a (January 1). First Amended Section 106 Programmatic Agreement. Available at: http://www.dot.ca.gov/ser/vol2/106pa_14.pdf.

-
- . 2014b. CT-EMFAC2014, Version 6.0. Available at:
<http://www.dot.ca.gov/env/air/files/ct-emfac2014-v6.0.zip>.
- . 2015a (January 1). Memorandum of Understanding (MOU) Between the California Department of Transportation and the California State Historic Preservation Officer Regarding Compliance with Public Resources Code Section 5024 and Governor's Executive Order W-26-92. Available at:
http://www.dot.ca.gov/ser/vol2/5024mou_15.pdf.
- . 2015b (March). Strategic Management Plan 2015-2020. Available at:
http://www.dot.ca.gov/perf/library/pdf/Caltrans_Strategic_Mgmt_Plan_033015.pdf.
- . 2015c (October 28). Air Pollution Standards, Standard Environmental Reference. Available at:
http://www.dot.ca.gov/ser/downloads/AirQualityConformity/aq_updates_air_pollution_std_tbl.docx. Accessed January 15, 2019.
- . 2015d. Standard Specifications, Section 14: Environmental Stewardship. Available at:
http://ppmoe.dot.ca.gov/hq/esc/oe/construction_contract_standards/std_specs/2015_StdSpecs/2015_StdSpecs.pdf.
- . 2016a (Last updated March 25, 2016). Caltrans Standard Environmental Reference, Chapter 8-Paleontology. Available online at:
<http://www.dot.ca.gov/ser/vol1/sec3/physical/Ch08Paleo/chap08paleo.htm>.
- . 2016b (June). California Transportation Plan 2040. Available at:
<http://www.dot.ca.gov/hq/tpp/californiatransportationplan2040/Final%20CTP/FINALCTP2040-Report-WebReady.pdf>.
- . 2016c (July 20). Statewide Stormwater Management Plan.
- . 2016d (December). Highway Design Manual.
- . 2017a. Traffic Accident Surveillance and Analysis System (TASAS) Database.
- . 2017b. Construction Manual Chapter 7-107E.
- . 2017c (April). Caltrans ARS Online, Version 2.3.09. Available online at:
http://dap3.dot.ca.gov/ARS_Online/.
- . 2017d (May). Storm Water Quality Handbooks: Construction Site Best Management Practices Manual. Available at: <http://www.dot.ca.gov/hq/construc/stormwater/CSBMP-May-2017-Final.pdf>.
- . 2017e (July). *Storm Water Quality Handbooks, Project Planning and Design Guide for implementing Design Pollution Prevention and Treatment BMPs*. Available at:
http://www.dot.ca.gov/design/hsd/ppdg/PPDG-Final_2017-07.pdf.

- . 2018a. Highway Design Manual, Chapter 80, Application of Design Standards.
- . 2018b. Revised District Preliminary Geotechnical Report.
- . 2018c (updated December 13, 2018). Air Pollution Standards Table. Available at: http://www.dot.ca.gov/ser/downloads/AirQualityConformity/aq_updates_air_pollution_stds_tbl.docx. Accessed January 15, 2019.
- California Department of Water Resources (DWR). 2004 (February 27). Bulletin 118, Coastal Plain of Orange County Groundwater Basin.
- California Energy Commission (CEC). 2018. Toward a Clean Energy Future, 2018 Integrated Energy Policy Report Update (IERP). Volume I Adopted August 1, 2018. https://www.energy.ca.gov/2018_energypolicy/.
- California Environmental Protection Agency, Department of Toxic Substances Control (DTSC). 2016 (June). Soil Management Agreement for Aerially Deposited Lead-Contaminated Soils. Available at: <http://www.dot.ca.gov/env/hazwaste/docs/dtsc-ct-adfinal-063016.pdf>.
- California Environmental Protection Agency, Department of Toxic Substances Control (DTSC). Accessed March 2019. Envirostor Website. <http://www.envirostor.dtsc.ca.gov>.
- California Geological Survey (CGS). 1998. California Seismic Hazard Zone Map.
- . 2001. Seismic Hazard Zone Report for the Tustin 7.5-minute Quadrangle, Orange County, California, Plate 1.2.
- California Invasive Plant Council (Cal-IPC). California Invasive Plant Inventory. Available at: <https://www.cal-ipc.org/plants/inventory/>.
- California Natural Resources Agency. 2009 (December). *2009 California Climate Adaptation Strategy*. Available at: http://resources.ca.gov/docs/climate/Statewide_Adaptation_Strategy.pdf.
- California State Water Resources Control Board. 2018. *Final 2014/2016 California Integrated Report* (Clean Water Act Section 303(d) List / 305(b) Report).
- City of Anaheim. 2004 (May). City of Anaheim General Plan Introduction.
- . 2018 (June). City of Anaheim General Plan: Circulation Element and Green Element.
- City of Orange. 2007 (August). Traffic Impact Analysis Guidelines.
- . 2015 (December). City of Orange General Plan: Circulation and Mobility Element, Growth Management Element, Land Use Element, and Natural Resources Element. Available at: <https://www.cityoforange.org/391/General-Plan>

- City of Santa Ana. 1998 (February 2). City of Santa Ana General Plan: Circulation Element and Land Use Element. Reformatted January 2010.
- . 2014 (February). City of Santa Ana General Plan, Housing Element.
- . 2015 (December). City of Santa Ana Climate Action Plan. Available at: <https://www.santa-ana.org/pw/santa-ana-green/climate-action-plan>
- . 2017. *Facts and Figures*. Available at: <http://www.ci.santa-ana.ca.us/facts/>. Accessed May 17, 2017.
- City of Tustin. 2013 (October). City of Tustin General Plan, Housing Element.
- . 2017 (July). City of Tustin General Plan: Circulation Element and Conservation/Open Space/Recreation Element.
- Climate Change Adaptation Task Force. 2011 (October 28). Climate Change Resilience. Produced by the Council on Environmental Quality (CEQ), Office of Science and Technology Policy (OSTP), and the National Oceanic and Atmospheric Administration (NOAA). Available at: <https://obamawhitehouse.archives.gov/administration/eop/ceq/initiatives/resilience>.
- County of Orange. 2005. Orange County General Plan. <https://www.ocgov.com/gov/pw/cd/planning/generalplan2005.asp>. Amended 2012.
- . 2019. “Department History” for the Orange County Sheriff’s Department. <https://cms.ocgov.com/gov/sheriff/about/history/default.asp>
- Dames & Moore. 1995 (December). *Master Plan of Freeway and Transit Corridor Enhancements: Creating a Quality Environment Along Orange County's Transportation Network*.
- Department of Oil Gas and Geothermal Resources (DOGGR). 2017. Available at: http://www.consrv.ca.gov/DOG/maps/Pages/d1_index_map1.aspx. Accessed December 28, 2017.
- Eisenstein, Paul A. 2017 (March 16). “Trump Rolls Back Obama-Era Fuel Economy Standards.” *NBC News*. Available at: <http://www.nbcnews.com/business/autos/trump-rolls-back-obama-era-fuel-economy-standards-n734256>.
- Environmental Laboratory. 1987. Corps of Engineers Wetlands Delineation Manual (Technical Report Y-87-1). Vicksburg, MS: U.S. Army Engineer Waterways Experiment Station.
- Federal Highway Administration (FHWA). 2006 (January). Roadway Construction Noise Model User’s Guide. Washington, D.C. Available at: https://www.fhwa.dot.gov/environment/noise/construction_noise/rcnm/rcnm.pdf. Accessed September 2018.

- . 2011 (June). U.S. Department of Transportation Policy Statement on Climate Change Adaptation. Available at:
https://www.fhwa.dot.gov/environment/sustainability/resilience/policy_and_guidance/usdot.cfm.
- . 2016 (October 18). Updated Interim Guidance on Mobile Source Air Toxic Analysis in NEPA Documents. Available at:
https://www.fhwa.dot.gov/Environment/air_quality/air_toxics/policy_and_guidance/msat/2016msat.pdf.
- . 2019 (updated February 7). Sustainability. Available at:
<https://www.fhwa.dot.gov/environment/sustainability/resilience/>.
- . No date. Sustainable Highways Initiative. Accessed March 27, 2019. Available at:
<https://www.sustainablehighways.dot.gov/overview.aspx>.
- Fehr & Peers. 2018a (February). *Final Traffic Volume Report, State Route 55 (I-5 to SR-91) Widening Project*.
- . 2018b (July). *Final Traffic Operations Report, State Route 55 (I-5 to SR-91) Widening Project*.
- . 2017 (January). *Final Traffic/Circulation Impact Report, State Route 55 (I-5 to SR-91) Widening Project*.
- HDR. 2018a (April 18). *Location Hydraulic Study (LHS), State Route 55 Improvement Project from Interstate 5 to State Route 91 and Appendix 1, Location Hydraulic Study and Floodplain Evaluation Report Summary*.
- . 2018b (October). *Preliminary Drainage Report, State Route 55 Widening Project PA/ED*.
- . 2018c (November 30). *Water Quality Technical Memorandum, State Route 55 Improvement Project from Interstate 5 to State Route 91*.
- . 2019 (March). *Long-Form Stormwater Data Report, State Route 55 Improvement Project from Interstate 5 to State Route 91*.
- ICF. 2012. *Preliminary Jurisdictional Delineation for Project F2 or F North*.
- . 2016. *Orange County Transportation Authority (OCTA) M2 Natural Community Conservation Plan and Habitat Conservation Plan Final*.
- Industry Scholars. 2000. *Intersection Capacity Utilization Methodology*.
- Intergovernmental Panel on Climate Change (IPCC). 2007 (February). *Climate Change 2007: The Physical Science Basis: Summary for Policy Makers*. Available at:
https://www.ipcc.ch/publications_and_data/ar4/wg1/en/spm.html.

- Jacobs Engineering Group (Jacobs). 2018 (May). *Bat Habitat Assessment for Proposed State Route 55 Improvement Project between Interstate 5 and State Route 91*. Santa Ana, CA: Caltrans District 12.
- . 2018 (June). *Rare Plant and Vegetation Assessment for Proposed State Route 55 Improvement Project between Interstate 5 and State Route 91*.
- . 2019 (January). *Natural Environment Study (Minimal Impacts) Report (NES [mi]) for State Route 55 Improvement Project Between Interstate 5 and State Route 91*. Santa Ana, CA: Caltrans District 12.
- Legal Information Institute. 2019. 33 U.S. Code Section 1251 - Congressional Declaration of Goals and Policy. Available at: <https://www.law.cornell.edu/uscode/text/33/1251>.
- Leighton Consulting, Inc. (Leighton). 2014 (September 30). *Initial Site Assessment for the State Route 55 (SR) 55 Improvement Project from Interstate (I-) 5 to SR 91*. Updated by Jacobs Engineering Group on April 23, 2018.
- . 2018a (February 23, revised March 27, 2018). *Structure Preliminary Geotechnical Report, Lincoln Avenue Undercrossing (Southbound Off-Ramp) Bridge No. 55-0328S, Orange County, California*. Irvine, CA. Prepared for Jacobs Engineering.
- . 2018b (March 26, revised May 2, 2018). *District Preliminary Geotechnical Report, State Route 55 Improvement Project from Interstate 5 to State Route 91, Orange County, California*. Irvine, CA. Prepared for Jacobs Engineering.
- Lichvar, R.W. and S.M. McColley. 2008 (August). *A Field Guide to the Identification of the Ordinary High Water Mark (OHWM) in the Arid West Region of the Western United States, A Delineation Manual*. Hanover, NH: USACE, Engineer Research and Development Center, Cold Regions Research and Engineering Laboratory.
- LSA Associates, Inc. (LSA). 2018a (September). *Noise Study Report (NSR) for the SR 55 Improvement Project from I-5 to SR 91*. Santa Ana, CA: Caltrans District 12.
- . 2018b (November). *Noise Abatement Decision Report for the SR 55 Improvement Project from I-5 to SR 91*. Santa Ana, CA: Caltrans District 12.
- National Academy of Sciences, Engineering, Medicine. 2012 (June). *Sea-Level Rise for the Coasts of California, Oregon, and Washington: Past, Present, and Future*. Washington, DC: The National Academies Press. Available at: http://www.nap.edu/catalog.php?record_id=13389.
- National Cooperative Highway Research Program. 2008 (April). *Comprehensive Modal Emission Model*.
- National Highway Traffic Safety Administration (NHTSA). 2010 (April). Corporate Average Fuel Economy (CAFE) standards. Available at: <https://one.nhtsa.gov/Laws-&-Regulations/CAFE-%E2%80%93-Fuel-Economy>.

- . 2012 (July). Corporate Average Fuel Economy Standards Passenger Cars and Light Trucks Model Years 2017-2025, Final Environmental Impact Statement. Pages 5-12. Available at: http://www.nhtsa.gov/staticfiles/rulemaking/pdf/cape/FINAL_EIS.pdf.
- Orange County Transportation Authority (OCTA). 2012 (September 10). M2020 Plan. Available at: https://www.octa.net/pdf/M2020_Plan.pdf.
- . 2014 (September 12). *2014 Long Range Transportation Plan: Outlook 2035, Because Mobility Matters*. Available at: http://www.octa.net/pdf/OCTALRTP_Final.pdf.
- . 2015 (November). *2015 Orange County Congestion Management Program*. Available at: <http://www.octa.net/pdf/Final%202015%20CMP.pdf>.
- . 2016 (March). *OC Go (OCTA Measure M Renewal Ordinance)*. Available at: [http://octa.net/About-OC-Go/OC-Go-\(2011-2041\)/](http://octa.net/About-OC-Go/OC-Go-(2011-2041)/)
- . 2016 (November). *OC Go Next 10 Delivery Plan 2017-2026*. Available at: <https://www.octa.net/About-OC-Go/Next-10-Delivery-Plan/>
- . 2018 (November). *OCTA Designing Tomorrow Long Range Transportation Plan*. Available at: <https://www.octa.net/Projects-and-Programs/Plans-and-Studies/Long-Range-Transportation-Plan/Overview/?frm=9707>
- . 2018 (September). *Next 10 Delivery Plan*. Available at: <https://www.octa.net/pdf/Next10DeliveryPlan.pdf?n=20180927>.
- . Orange County Transportation Analysis Model (OCTAM), Version 4.0.
- Orange County Transportation Authority and Orange County Council of Governments. 2011. *Orange County Sustainable Communities Strategy*.
- Orange County Water District (OCWD). 2015. Orange County Water District Groundwater Management Plan 2015 Update. Available at: https://www.ocwd.com/media/3622/groundwatermanagementplan2015update_20150624.pdf. Accessed: October 12, 2018.
- . 2018 (June 11). *Orange County Water District. June 2017 – Groundwater Elevation Contours for the Principal Aquifer*. Available at: https://www.ocwd.com/media/6748/june_wl_principal_2017.pdf.
- Paleo Solutions. 2018 (October). *Paleontological Identification Report and Evaluation Report, State Route 55 (SR 55) Improvement Project between Interstate 5 (I-5) and State Route 91 (SR 91)*. Orange County, California.
- . 2019 (March). *Archaeological Survey Report (ASR), State Route 55 (SR 55) Improvement Project between Interstate 5 (I-5) and State Route 91 (SR 91)*. Orange County, California.

- Pedersen, N.J., and D.R. Samdahl. 1982. *Highway Traffic Data for Urbanized Area Project Planning and Design*. Washington, D.C.: Transportation Research Board. Available at: http://onlinepubs.trb.org/Onlinepubs/nchrp/nchrp_rpt_255.pdf.
- Sacramento Metropolitan Air Quality Management District. 2016 (May). Roadway Construction Emissions Model, Version 8.1.0. Available at: http://www.airquality.org/LandUseTransportation/Documents/RoadConstructionEmissionsModelVer8_1_0_locked_05262016.xls.
- Santa Ana Regional Water Quality Control Board (RWQCB). 2016 (February). 1995 Water Quality Control Plan for the Santa Ana River Basin (Region 8).
- Sapphos Environmental, Inc. (Sapphos). 2019 (March). *Historic Property Survey Report (HPSR), State Route 55 (SR 55) Improvement Project between Interstate 5 (I-5) and State Route 91 (SR 91)*. Orange County, California.
- . 2019 (March). *Historical Resources Evaluation Report (HRER), State Route 55 (SR 55) Improvement Project between Interstate 5 (I-5) and State Route 91 (SR 91)*. Orange County, California.
- Sawyer, J.O., T. Keeler-Wolf, and J.M. Evens. 2009. *A Manual of California Vegetation (Second Edition)*. Sacramento, CA: CNPS.
- South Coast Air Quality Management District (SCAQMD). 2003 (August). Final 2003 Air Quality Management Plan (AQMP) Appendix V, Modeling and Attainment Demonstrations. Pages V-4-25 and V-4-26. Available at: <https://www.aqmd.gov/docs/default-source/clean-air-plans/air-quality-management-plans/2003-air-quality-management-plan/2003-aqmp-appendix-v.pdf?sfvrsn=2>.
- . 2009 (December). CEQA Guide, Chapter 6: Greenhouse Gas Emissions. Revised April 2011. Available at: <http://www.airquality.org/LandUseTransportation/Documents/Ch6GHGFinal5-2018.pdf>.
- . 2019. Historical Data by Year. Available at: <http://www.aqmd.gov/home/air-quality/air-quality-data-studies/historical-data-by-year>.
- Southern California Association of Governments (SCAG). 2012. Regional Transportation Plan.
- . 2012. SCAG 2012 General Plan Land Use and Zoning Data – Orange County.
- . 2015a (May). Profile of the City of Orange.
- . 2015b (December). 2016–2040 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS). Prepared by Sapphos Environmental, Inc. http://scagrtpscs.net/Documents/2016/peir/draft/2016dPEIR_Complete.pdf Demographics and Growth Forecast, Appendix to RTP.
- . 2016a (September). Adopted 2017 Federal Transportation Improvement Program.

- . 2016b (April). 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy.
- . 2016c. 2016-2040 RTP/SCS Final Growth Forecast by Jurisdiction. Available at: https://www.scag.ca.gov/Documents/2016_2040RTPSCS_FinalGrowthForecastbyJurisdiction.pdf.
- . 2016d (certified April). Final Program Environmental Impact Report (PEIR). State Clearinghouse #2015031035. Available online at: <http://scagrtpscs.net/Pages/FINAL2016PEIR.aspx>.
- . 2017 (April). 2016-2040 Regional Transportation Plan/Sustainable Communities Strategy, AMENDMENT #1.
- . 2017a (May). Profile of the City of Anaheim.
- . 2017b (May). Profile of the City of Tustin.
- . 2017c (May). Profile of the City of Villa Park.
- . 2017d (May). Profile of the City of Santa Ana.
- . 2018 (adopted September 6). 2019 Federal Transportation Improvement Program (FTIP). Available online at: <http://ftip.scag.ca.gov/Pages/2019/approved.aspx>.
- . 2019. Profile of Unincorporated Orange County. May. <https://www.scag.ca.gov/Documents/UnIncAreaOrangeCounty.pdf>.
- State of California. 2013 (updated 2019). Ocean Protection Council. State of California Sea-Level Rise Guidance Document. Available at: <http://www.opc.ca.gov/2013/04/update-to-the-sea-level-rise-guidance-document/>.
- Tatsumi & Partners, Inc. (Tatsumi). 2018 (October 24). *Visual Impact Assessment, State Route 55 Improvement Project from Interstate 5 to State Route 91, Post Mile 10.4 to R17.9*. Orange County, California EA#0K7200, EFIS#: 1213000149. Prepared for Caltrans District 12.
- Terry A. Hayes Associates Inc. 2018 (November, updated March 2019). *Air Quality Assessment Report, State Route 55 (Interstate 5 to State Route 91) Widening*. Prepared for Caltrans District 12.
- Transportation Research Board (TRB). 2016. *Highway Capacity Manual, Sixth Edition: A Guide for Multimodal Mobility Analysis*. Published by the National Academy of Sciences, Engineering, and Medicine. Washington, D.C.: TRB.
- U.S. Army Corps of Engineers (USACE). 1988 (June). *Design Memorandum No. 1, Vol. 6: Santa Ana River Mainstem, including Santiago Creek, California*. Phase II General Design Memorandum.

-
- . 2008. *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0)*. (J.S. Wakeley, R.W. Lichvar, and C.V. Noble, Eds.). Vicksburg, MS: U.S. Army Engineer Research and Development Center.
- . 2015 (June 29). Clean Water Rule: Definition of “Waters of the United States”. Federal Register 80(124): 37054–37127. Washington, D.C.: USACE.
- U.S. Army Corps of Engineers and Environmental Protection Agency (USACE and USEPA). 2015 (June 29). Clean Water Rule: Definition of “Waters of the United States”. Federal Register 80(124): 37054–37127. Washington, D.C.: USACE and USEPA.
- U.S. Census Bureau. 2010 (April). 2010 Census.
- U.S. Census Bureau. 2018 (December). 2013-2017 American Community Survey (5-year estimates). U.S. Department of Health and Human Services (DHHS). 2019. Poverty Guidelines Updated Periodically in the Federal Register under the authority of 42 U.S.C. 9902(2).
- U.S. Department of Homeland Security - Federal Emergency Management Agency (FEMA). 2009 (December 3). Flood Insurance Rate Maps (FIRM). Orange County, California.
- U.S. Energy Information Administration (EIA). 2013 (April). Annual Energy Outlook 2013 with Projections to 2040. Available at: [https://www.eia.gov/outlooks/aeo/pdf/0383\(2013\).pdf](https://www.eia.gov/outlooks/aeo/pdf/0383(2013).pdf).
- U.S. Environmental Protection Agency (USEPA). 2010 (February 9). Primary National Ambient Air Quality Standards for Nitrogen Dioxide; Final Rule. Available at: <https://www.govinfo.gov/content/pkg/FR-2010-02-09/pdf/2010-1990.pdf>.
- . 2015 (November). Transportation Conformity Guidance for Quantitative Hot-Spot Analyses in PM_{2.5} and PM₁₀ Nonattainment and Maintenance Areas. Available at: <https://nepis.epa.gov/Exe/ZyPDF.cgi?Dockkey=P100NMXM.pdf>.
- . 2016a (April). U.S. Greenhouse Gas Inventory Report: 1990-2014. Available at: <https://www.epa.gov/ghgemissions/us-greenhouse-gas-inventory-report-1990-2014>.
- . 2016b (November). Light-Duty Automotive Technology, Carbon Dioxide Emissions, and Fuel Economy Trends: 1975 through 2016 Report. Available at: <https://www.fueleconomy.gov/feg/pdfs/420r16010.pdf>.
- . 2017. Outdoor Air Quality Data – Monitor Values Reports. Available at: <https://www.epa.gov/outdoor-air-quality-data/monitor-values-report>. Accessed March 29, 2019.
- . 2018 (October 9). Status of California Designated Areas. Available at: https://www3.epa.gov/airquality/urbanair/sipstatus/reports/ca_areabypoll.html.

- . 2019. Status of California Designated Areas. Available at: https://www3.epa.gov/airquality/urbanair/sipstatus/reports/ca_areabypoll.html. Accessed March 29, 2019.
- U.S. Environmental Protection Agency and Department of Transportation's (DOT) National Highway Traffic Safety Administration (USEPA and NHTSA). 2010 (May). Final Rule for Model Year 2012 - 2016 Light-Duty Vehicle Greenhouse Gas Emission Standards and Corporate Average Fuel Economy Standards. Regulations for Greenhouse Gas Emissions from Passenger Cars and Trucks. <https://www.epa.gov/regulations-emissions-vehicles-and-engines/regulations-greenhouse-gas-emissions-passenger-cars-and>.
- . 2012 (October). Final Rule for Model Year 2017 and Later Light-Duty Vehicle Greenhouse Gas Emissions and Corporate Average Fuel Economy Standards. Regulations for Greenhouse Gas Emissions from Passenger Cars and Trucks. <https://www.epa.gov/regulations-emissions-vehicles-and-engines/regulations-greenhouse-gas-emissions-passenger-cars-and>.
- . 2017 (March 22). *Federal Register* 82(14671) 14671-14672. Notice of Intention To Reconsider the Final Determination of the Mid-Term Evaluation of Greenhouse Gas Emissions Standards for Model Year 2022-2025 Light Duty Vehicles. Available at: <https://www.federalregister.gov/documents/2017/03/22/2017-05316/notice-of-intention-to-reconsider-the-final-determination-of-the-mid-term-evaluation-of-greenhouse>.
- U.S. Fish and Wildlife Service (USFWS). 2018. Official Species List for the Proposed Project. Accessed June 15, 2018.
- U.S. Forest Service (USFS). 2009 (July 13). Climate Change Considerations in Project Level NEPA Analysis. Available at: <https://www.fs.fed.us/climatechange/documents/nepa-guidance.pdf>.