

Note: No author-date cites are used when referring to the three versions of the Fresno to Bakersfield EIR/EIS that are mentioned in the comments and responses in this volume (i.e., the Draft EIR/EIS, the Revised DEIR/Supplemental DEIS, and the Final EIR/EIS). These three versions should be understood to refer to the following documents:

Draft EIR/EIS = California High-Speed Rail Authority and USDOT Federal Railroad Administration. 2011. *California High-Speed Train Project Environmental Impact Report/Environmental Impact Statement: Draft, Fresno to Bakersfield Section Draft EIR/EIS*. Three volumes. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, August 2011.

Revised DEIR/Supplemental DEIS = California High-Speed Rail Authority and USDOT Federal Railroad Administration. 2011. *California High-Speed Train Project Environmental Impact Report/Environmental Impact Statement: Revised Draft EIR/ Supplemental Draft EIS, Fresno to Bakersfield*. Three volumes. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, July 2012.

Final EIR/EIS = California High-Speed Rail Authority and USDOT Federal Railroad Administration. 2014. *California High-Speed Train Project Environmental Impact Report/Environmental Impact Statement: Final EIR/EIS, Fresno to Bakersfield*. Five volumes. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, March 2014.

Some sources cited in the author-date citations in the text are short forms. The short forms that are not easily identified and their corresponding full forms are listed below.

Authority. See California High-Speed Rail Authority.

DWR. See California Department of Water Resources.

EPA. See U.S. Environmental Protection Agency.

OEHHA. See California Office of Environmental Health Hazard Assessment

References for Standard Responses

Amtrak. 2011. "Amtrak California's San Joaquin Corridor Reaches More than a Million Riders." News Release. ATK-11-130. September 29.

Barnett, Roger. 1992. British Rail's InterCity 125 and 225. UCTC Working Paper No. 114. University of California Transportation Center; University of California, Berkeley. June.

California Department of Finance. 2012. 2012 Interim Population Projections for California and Counties. Sacramento, CA: DOF, 2012.

California Department of Food and Agriculture (CDFA). 2010. "California Agricultural Production Statistics, 2009–2010." Sacramento, CA: CDFA, 2010. <http://www.cdfa.ca.gov/statistics> (accessed October 17, 2010).

California Department of Transportation (Caltrans). 2006. Highway Design Manual Index 207. California Department of Transportation. Sacramento

- . 2007. "Visual and Aesthetics Review." Chapter 27 in *Standard Environmental Reference*. <http://www.dot.ca.gov/ser/vol1/sec3/community/ch27via/chap27via.htm>. Accessed November 1, 2009.
- . 2008a. *California State Rail Plan, 2007–08 to 2017–18*. Sacramento, CA: Caltrans, March 2008.
- . 2008b. *San Joaquin Corridor Strategic Plan*. Sacramento, CA: Caltrans, March 2008.
- California Employment Development Department (CEDD). 2010. "Labor Force and Unemployment Data—Monthly Labor Force Data for Counties, July 2010, Preliminary." www.labormarketinfo.edd.ca.gov/?pageid=164. Accessed August 23, 2010.
- California High-Speed Rail Authority (Authority). 2007. *California High-Speed Train Project, Fresno-Palmdale Region: Visalia-Tulare-Hanford Station Feasibility Study*. Final Report. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA: California High-Speed Rail Authority, August 1, 2007.
- . 2008. *TM 2.1.7 Rolling Stock and Vehicle Intrusion Protection for High-Speed Rail and Adjacent Transportation Systems*. Prepared by Parsons Brinckerhoff. Sacramento, CA. October 25, 2008.
- . 2010. *Bay Area to Central Valley High-Speed Train (HST) Revised Final Program Environmental Impact Report (EIR)*. Vol. 1, *Chapters*. Sacramento, CA: California High-Speed Rail Authority, August 2010. http://www.hsr.ca.gov/Programs/Environmental_Planning/bay_area.html.
- . 2011a. *HST Station Area Development: General Principles and Guidelines*. Sacramento, CA: California High-Speed Rail Authority, February 3, 2011.
- . 2011b. *Technical Memorandum: Aesthetic Guidelines for Non-Station Structures, TM 200.06*. Sacramento, CA: California High-Speed Rail Authority, November 3, 2011. http://www.hsr.ca.gov/Programs/Environmental_Planning/project_level.html (accessed May 2013).
- . 2011c. *Technical Memorandum: Hydraulics and Hydrology Design Guidelines, TM 2.6.5*. Prepared by Parsons Brinckerhoff. Sacramento, CA: California High-Speed Rail Authority, May 23, 2011. http://www.hsr.ca.gov/Programs/Environmental_Planning/project_level.html.
- . 2011d. *Urban Design Guidelines: California High-Speed Train Project*. Sacramento, CA: California High-Speed Rail Authority, March 2011. http://www.hsr.ca.gov/Programs/Green_Practices/sustainability.html (accessed May 2013).
- . 2012. *Bay Area to Central Valley High-Speed Train Partially Revised Final Program Environmental Impact Report (EIR)*. Sacramento, CA: California High-Speed Rail Authority, April 2012.
- . 2012a. *California High-Speed Rail Program: Revised 2012 Business Plan*. Sacramento, CA: California High-Speed Rail Authority, April 2012. http://www.hsr.ca.gov/About/Business_Plans/2012_Business_Plan.html (accessed May 2012).

- . 2012b. *Fresno to Bakersfield Section Floodplains Impact Report*. California High-Speed Train Engineering Report. Draft 15% Design Submission.
- . 2012c. *Fresno to Bakersfield Section Hydrology, Hydraulics, and Drainage Report*. California High-Speed Train Engineering Report. Draft 15% Design Submission.
- . 2012d. *Fresno to Bakersfield Section Stormwater Quality Management Report*. California High-Speed Train Engineering Report. Draft 15% Design Submission.
- . 2013. *Your Property, Your High-Speed Rail Project*. Informational booklet. Previously issued in 2009 and 2012. April 2013.
- . 2013. April 2013 Madera Settlement Agreement. Superior Court of California, County of Sacramento. April 18, 2013.
- . 2013. *TM 2.1.7 Rolling Stock and Vehicle Intrusion Protection for High-Speed Rail and Adjacent Transportation Systems*. Prepared by Parsons Brinckerhoff. Sacramento, CA. June 21, 2013.

California High-Speed Rail Authority and USDOT Federal Railroad Administration (Authority and FRA). 2005. *Final Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS) for the Proposed California High-Speed Train System*. Vol. 1, Report. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, August 2005.

- . 2008. *Bay Area to Central Valley High-Speed Train (HST) Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS)*. Final. Volume 1. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, May 2008.
http://www.hsr.ca.gov/Programs/Environmental_Planning/bay_area.html (accessed May 2013).
- . [2009] 2011. *Central Valley Biological Resources and Wetland Survey Plan*. Prepared by URS/HMM/Arup Joint Venture with technical assistance from Parsons/ICF and AECOM/CH2M HILL Joint Venture. Original publication, October 2009; updated June 2011.
- . 2010. *Fresno to Bakersfield Preliminary Alternatives Analysis Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, June 2010.
- . 2010b. *Fresno to Bakersfield Supplemental Alternatives Analysis Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, September 2010.
- . 2011a. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Supplemental Alternatives Analysis Report: Fresno to Bakersfield Section*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, May 2011.
- . 2011b. *California High-Speed Train Project Environmental Impact Report/Environmental Impact Statement Fresno to Bakersfield Section: Checkpoint B Summary Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC:

- California High-Speed Rail Authority and USDOT Federal Railroad Administration, March 2011.
- . 2011c. *California High-Speed Train Project Environmental Impact Report/Environmental Impact Statement, Working Draft, Supplemental Alternatives Analysis Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, December 2011.
 - . 2012a. *California High-Speed Train Project Environmental Impact Report/Environmental Impact Statement Fresno to Bakersfield Section: Aesthetics and Visual Resources Technical Report*. Sacramento and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration. In preparation 2012
 - . 2012b. *California High-Speed Train Project Environmental Impact Report/Environmental Impact Statement Fresno to Bakersfield: Air Quality Technical Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, July 2012.
 - . 2012c. *California High-Speed Train Project Environmental Impact Report/Environmental Impact Statement Fresno to Bakersfield: Community Impact Assessment Technical Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, July 2012.
 - . 2012d. *California High-Speed Train Project Environmental Impact Report/Environmental Impact Statement Fresno to Bakersfield Section: Hydrology and Water Resources Technical Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, in preparation 2012.
 - . 2012e. *California High-Speed Train Project Environmental Impact Report/Environmental Impact Statement Fresno to Bakersfield: Noise and Vibration Technical Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, July 2012.
 - . 2012f. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Final Merced to Fresno Section Project EIR/EIS*. Volume I, *Report*, and Volume IV, *Response to Comments*. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, April 2012.
http://www.hsr.ca.gov/Programs/Environmental_Planning/final_merced_fresno.html (accessed May 2013).
- California High-Speed Rail Authority, USDOT Federal Railroad Administration, U.S. Department of Housing and Urban Development, USDOT Federal Transit Administration, U.S. Environmental Protection Agency (Authority et al.). 2011. *Memorandum of Understanding for Achieving an Environmentally Sustainable High-Speed Train System in California*. Sacramento and Washington, DC. July 2011.
- California Intercity High Speed Rail Commission, Parsons Brinckerhoff/Jenkins, Gales & Martinez, Inc, John Knutzen & Associates, Sharon Greene and Associates, Woodward-Clyde Consultants. 1996. High Speed Rail Corridor Evaluation & Environmental Constraints Analysis: Final Report. Parsons Brinckerhoff/Jenkins, Gales & Martinez, Incorporated.

- California Office of Environmental Health Hazard Assessment (OEHHA). 2003. *Air Toxics Hot Spots Program Risk Assessment Guidelines: The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments*. OEHHA, August 2003. http://www.oehha.ca.gov/air/hot_spots/HRAguidefinal.html#download.
- . 2012. *Air Toxics Hot Spots Program Risk Assessment Guidelines: Technical Support Document for Exposure Assessment and Stochastic Analysis*. Scientific Review Panel Draft. OEHHA, June 2012. http://www.oehha.ca.gov/air/hot_spots/TSDdraft062012.html.
- Cambridge Systematics. 2010. California High-Speed Rail County-Level Growth Inducement Projections. Developed for use in regional environmental studies. July 2010.
- Central Valley Regional Water Quality Control Board (CVRWQCB). 2004. *Water Quality Control Plan for the Tulare Lake Basin*. 2d ed. California Regional Water Quality Control Board, Central Valley Region, January 2004.
- Cervero, R., S. Murphy, C. Ferrell, N. Goguts, Y.-H. Tsai, G.B. Arrington, J. Boroski, J. Smith-Heimer, R. Golem, P. Peninger, E. Nakajima, E. Chui, R. Dunphy, M. Myers, S. McKay, and N. Witenstein. 2004. Transit Oriented Development in the United States: Experiences, Challenges, and Prospects. TCRP Report 102. Washington, D.C.: Transportation Research Board. http://onlinepubs.trb.org/onlinepubs/tcrp/tcrp_rpt_102.pdf
- City of Fresno. 2012. Design Guidelines for California High-Speed Train Project. June.
- . 2013. City of Fresno Design Guidelines California High-Speed Rail Project. December 6, 2013. <http://www.fresno.gov/NR/rdonlyres/A5EA7578-6183-457D-A24F-94CB252FE363/0/CityofFresnoDesignGuidelines.pdf>.
- Congressional Research Service (CRS). 2013. The Development of High Speed Rail in the United States: Issues and Recent Events. December 20, 2013. <http://www.fas.org/sgp/crs/misc/R42584.pdf>.
- Council of Fresno County Governments. 2009. *San Joaquin Valley Blueprint: Fresno County Progress Report*. Fresno, CA: Council of Fresno County Governments, July 30, 2009. http://www.fresnocog.org/files/Blueprint/ProgressReport/Fresno%20County%20BP%20Document%20Revised%20Final%2007_27_09.pdf.
- Endangered Species Recovery Program (ESRP). 2009. GIS Maps and Data. <http://esrp.csustan.edu/gis/>. Accessed on October 2, 2009.
- Federal Highway Administration. 1988. *Visual Impact Assessment for Highway Projects*. Publication No. FHWA-HI-88-054. Washington, D.C.
- Federal Railroad Administration (FRA). 1994. *Safety of High Speed Guided Ground Transportation Systems – Intrusion Barrier Design Study*. <http://www.fra.dot.gov/downloads/research/ord9504.pdf>.
- . 2005a. *High-Speed Ground Transportation Noise and Vibration Impact Assessment Manual*. Washington, DC: U.S. Department of Transportation, October 2005. http://www.fra.dot.gov/downloads/RRDev/final_nv.pdf (accessed January 2011).
- Federal Transit Administration (FTA). 2006. *Transit Noise and Vibration Impact Assessment*. Report No. FTA-VA-90-1003-06. Washington, DC: Department of Transportation, May 2006. http://www.fta.dot.gov/documents/FTA_Noise_and_Vibration_Manual.pdf.

- Givoni, Moshe. 2006. "Development and Impact of the Modern High-Speed Train: A Review." *Transport Reviews*, 26:5, 593–611. September 2006.
- Harris, Frederic R. 2001. High-Speed Train Alignments/Stations Screening Evaluation. September 19, 2011. http://www.hsr.ca.gov/docs/programs/eir-eis/statewide_sacbaker_screensumrpt.pdf.
- Holland, Robert F. 2009a. *Central Valley Vernal Pool Complexes*. Sacramento, CA: California Department of Fish and Game (data).
- Kern Council of Governments (Kern COG). 2003. *Metropolitan Bakersfield High Speed Rail Terminal Impact Analysis*. Bakersfield, CA: Kern COG, July 2003. http://www.kerncog.org/images/docs/hsr/HSR_Terminal_200307.pdf.
- Penrod, K., R. Hunter, and M. Merrifield. 2001. *Missing Linkages: Restoring Connectivity to the California Landscape, Conference Proceedings, November 2, 2000, San Diego Zoo, San Diego, California*. Co-sponsored by the California Wilderness Society, The Nature Conservancy, U.S. Geological Survey, Center for Reproduction of Endangered Species, and California State Parks.
- Penrod, K., C. Cabanero, P. Beier, C. Luke, W. Spencer, and E. Rubin. 2003. *South Coast Missing Linkages: A Linkage Design for the Tehachapi Connection*. Monrovia, CA: South Coast Wildlands Project. http://scwildlands.org/reports/SCML_Tehachapi.pdf. Accessed March 2010.
- Spencer, W.D., P. Beier, K. Penrod, K. Winters, C. Paulman, H. Rustigian-Romsos, J. Strittholt, M. Parisi, and A. Pettler. 2010. *California Essential Habitat Connectivity Project: A Strategy for Conserving a Connected California*. Prepared for the California Department of Transportation, California Department of Fish and Game, and Federal Highway Administration.
- URS/HMM/Arup Joint Venture 2014. Memo Regarding Responses to Chatten-Brown & Carstens Letters Dated October 3, 2013 and November 6, 2013. April 2014.

References for FB2 Comment Responses (non-Standard Response References)

- American Association of State Highway and Transportation Officials (AASHTO). 2011. *A Policy on Geometric Design of Highways and Streets*. 6th ed. Washington, DC: AASHTO, 2011.
- American Public Transportation Association (APTA). 2009. *Defining Transit Areas of Influence*. APTA Standards Development Program. Urban Design Working Group. APTA SUDS-UD-RP-001-09 Washington, DC: APTA, December 31, 2009. <http://www.apta.com/resources/standards/Documents/APTA%20SUDS-UD-RP-001-09.pdf>.
- American Railway Engineering and Maintenance-of-Way Association (AREMA). 2012. *2012 Manual for Railway Engineering*. Lanham, MD: AREMA, 2012. <http://www.arena.org/publications/mre/index.aspx>.
- Amtrak. 2012. "Amtrak Fact Sheet, Fiscal Year 2012: State of California." Amtrak Government Affairs, November 2012. <http://www.amtrak.com/pdf/factsheets/CALIFORNIA12.pdf>.

- Areddy, James T. 2011. "China Bullet Trains Trip on Technology." *Wall Street Journal*, October 3, 2011.
<http://online.wsj.com/news/articles/SB1000142405311190435350457656898365856137>.
- Avian Power Line Interaction Committee (APLIC). 1994. *Mitigating Bird Collisions with Power Lines: The State of the Art in 1994*. Washington, DC: Edison Electric Institute and APLIC, 1994. <http://nmavianprotection.org/wp-content/uploads/2012/02/Mitigating-Bird-Collisions-with-Power-Lines-The-State-of-the-art-1994.pdf>.
- . 2006. *Suggested Practices for Avian Protection on Power Lines: The State of the Art in 2006*. Washington, DC, and Sacramento, CA: Edison Electric Institute, APLIC, and California Energy Commission, 2006.
http://www.dodpif.org/downloads/APLIC_2006_SuggestedPractices.pdf.
- . 2012. *Reducing Avian Collisions with Power Lines: The State of the Art in 2012*. Washington, DC: Edison Electric Institute. Washington, DC: Edison Electric Institute and APLIC, October 2012.
http://www.aplic.org/uploads/files/11218/Reducing_Avian_Collisions_2012watermarkLR.pdf.
- Berkhardt, Michael, L. Rossi, and M. Boller. 2008. "Diffuse Release of Environmental Hazards by Railways." *Desalination* 226 (2008), 106–113.
- Bremner-Harrison, S., B.L. Cypher, C.M. Fiehler, A.P. Clevenger, and D. Hacker. 2007. *Use of Highway Crossing Structures by Kit Foxes*. Prepared for the California Department of Transportation, August 2007.
- Bureau of Economic Analysis. 2010. Table 2.5, Total Multipliers for Output, Earnings, Employment, and Value Added by Industry Aggregation Region Annual (Type II).
- Bureau of Transportation Statistics. 2010. *The Nation's Freight*. Washington, DC: Research and Innovative Technology Administration, Bureau of Transportation Statistics, 2010.
http://www.bts.gov/publications/freight_in_america/html/nations_freight.html.
- California Air Resources Board (CARB). 2006a. Emission FACTors Model 2007. November 2006.
http://www.arb.ca.gov/msei/onroad/latest_version.htm (accessed July 2010).
- . 2006b. OFFROAD2007. http://www.arb.ca.gov/msei/categories.htm#of_froad_motor_vehicles.
- . 2011. *California Greenhouse Gas Emissions Inventory: 2000-2009*. Sacramento, CA: CARB, December 2011.
http://www.arb.ca.gov/cc/inventory/pubs/reports/ghg_inventory_00-09_report.pdf (accessed May 2013).
- California Department of Finance (DOF). 2007. *Population Projections for California and Its Counties 2000-2050, by Age, Gender and Race/Ethnicity*. Sacramento, CA: DOF, July 2007. <http://www.dof.ca.gov/research/demographic/reports/projections/p-3/> (accessed April 26, 2011).
- . 2010. "E-4 Population Estimates for Cities, Counties and the State, 2001–2010, with 2000 Benchmark." Sacramento, CA: DOF, May 2010.
<http://www.dof.ca.gov/research/demographic/reports/estimates/e-4/2001-10/view.php> (accessed April 26, 2010).

- . 2012. 2012 Interim Population Projections for California and Counties. Sacramento, CA: DOF, 2012.
- . 2013. P-3 Report. January 13, 2013. Sacramento, CA: California Department of Finance, 2013.
- California Department of Fish and Game (CDFG). 1994. "Staff Report Regarding Mitigation for **Impacts to Swainson's Hawks (*Buteo swainsoni*)** in the Central Valley of California." Sacramento, CA: CDFG, November 8, 1994.
<http://www.dfg.ca.gov/wildlife/nongame/docs/DFG-1994SWHASTaffReportMitigation.pdf>.
- . 2004. "Approved Survey Methodology for the Blunt-Nosed Leopard Lizard." Sacramento, CA: CDFG, revised May 2004.
<http://www.dfg.ca.gov/wildlife/nongame/docs/BNLLrevisedprotocol.pdf>.
- . 2009. "Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities." Sacramento, CA: CDFG, November 24, 2009.
http://www.dfg.ca.gov/biogeodata/cnddb/pdfs/Protocols_for_Surveying_and_Evaluating_Impacts.pdf.
- . 2012. "Staff Report on Burrowing Owl Mitigation." Sacramento, CA: CDFG, March 7, 2012.
<http://www.dfg.ca.gov/wildlife/nongame/docs/BUOWStaffReport.pdf>.
- California Department of Food and Agriculture (CDFA). 2011. California Agricultural Statistics 2010 Crop Year. October 28, 2011.
http://www.nass.usda.gov/Statistics_by_State/California/Publications/California_Ag_Statistics/Reports/2010cas-all.pdf.
- California Department of Parks and Recreation, State Historic Preservation Officer (SHPO). 2012. Letter from Milford Wayne Donaldson, State Historic Preservation Officer, to Dan Leavitt, California High-Speed Rail Authority. Subject: Section 106 Consultation for the Fresno to Bakersfield Section High Speed Train Project. February 6, 2012.
- California Department of Resources, Recycling, and Recovery (CalRecycle). 2012. "**Construction and Demolition (C&D) Diversion Informational Guide.**"
<http://www.calrecycle.ca.gov/LGCentral/Library/CandDModel/Default.htm>.
- California Department of Transportation (Caltrans). 2009a. *Right of Way Manual*. Rev. 5. Sacramento, CA: Caltrans, 2009.
<http://www.dot.ca.gov/hq/row/rowman/manual/index.htm>.
- . 2009b. *Updated Route 99 Corridor Business Plan*. Sacramento, CA: Caltrans, September 2009. <http://www.stancog.org/pdf/sr-99-business-plan-update-vol-I-sept.2009.pdf>.
- . 2010a. **Chapter C2, "Vegetation Control."** In: *Caltrans Maintenance Guide*. Sacramento, CA: Caltrans, December 2010. http://www.dot.ca.gov/hq/maint/manual/-17_Chpt-C2_01-26-11.pdf.
- . 2010b. *Goods Movement Annual Report FY 2009-2010*.
<http://www.dot.ca.gov/dist11/departments/planning/pdfs/systplan/21-District11GoodsMovementAnnualReportJuly2010.pdf>. Caltrans District 11 Planning Division. Sacramento, CA..

- . 2011. *Transportation Funding in California*. Sacramento, CA: Caltrans, Economic Analysis Branch, 2011.
http://www.dot.ca.gov/hq/tpp/offices/eab/fundchrt_files/Transportation_Funding_in_California_2011_rev_050112.pdf#zoom=65 (accessed May 2013).
 - . 2012a. *Highway Design Manual*. Sacramento, CA: Caltrans, May 7, 2012.
http://www.dot.ca.gov/hq/oppd/hdm/HDM_050712.pdf (accessed May 2013).
 - . 2012b. "Roadway Drainage." Chapter 830. In: *Highway Design Manual*. May 7, 2012.
<http://www.dot.ca.gov/hq/oppd/hdm/pdf/chp0830.pdf> (accessed May 2013).
 - . 2012c. *California Manual on Uniform Traffic Control Devices: FHWA's MUTCD 2009 Edition as amended for use in California*. Sacramento, CA: State of California,; Business, Transportation and Housing Agency; Department of Transportation; 2012 edition.
<http://www.dot.ca.gov/hq/traffops/signtech/mutcdsupp/pdf/camutcd2012/CAMUTCD2012Hotlinkversion.pdf>.
- California Geological Survey. 2006. "Aggregate Availability in California." Map Sheet 52.
- California High-Speed Rail Authority (Authority). 2005a. *California Environmental Quality Act Findings of Fact and Statement of Overriding Considerations for the California High-Speed Train System*. Sacramento, CA: California High-Speed Rail Authority, November 2005.
- . 2005b. *Mitigation, Monitoring, and Reporting Plan for the California High-Speed Rail Program EIR/EIS*. Sacramento, CA: California High-Speed Rail Authority, 2005.
 - . 2005c. **Notice of Determination. "California High Speed Rail Authority Resolution No. 05-01: Certification of Final Program Environment Impact Report and Approval of High Speed Train System Program for California."** Sacramento, CA: California High-Speed Rail Authority, November 2, 2005.
 - . 2007. *California High-Speed Train Project, Fresno-Palmdale Region: Visalia-Tulare-Hanford Station Feasibility Study*. Final Report. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA: California High-Speed Rail Authority, August 1, 2007.
 - . 2008a. *Technical Memorandum: Rolling Stock and Vehicle Intrusion Protection for High-Speed Rail and Adjacent Transportation Systems, TM 2.1.7*. Prepared by Parsons Brinckerhoff. Sacramento, CA: California High-Speed Rail Authority, October 25, 2008.
 - . 2008b. *Technical Memorandum: Selected Train Technologies, TM 6.1*. Prepared by Parsons Brinckerhoff. Sacramento, CA: California High-Speed Rail Authority, May 30, 2008.
 - . 2008c. *California High-Speed Train Business Plan*. Sacramento, CA, California High-Speed Rail Authority, November 2008.
 - . 2008d. *Technical Memorandum: Phase 1 Service Plan, TM 4.2*. Prepared by Parsons Brinckerhoff. Sacramento, CA: California High-Speed Rail Authority, November 26, 2008.
 - . 2009a. *Technical Memorandum: Alignment Design Standards for High-Speed Train Operation, TM 2.1.2*. Prepared by Parsons Brinckerhoff. Sacramento, CA: California High-Speed Rail Authority, March 26, 2009.

- . 2009c. *Technical Memorandum: Trainset Configuration Analysis and Recommendation, TM 6.3*. Sacramento, CA: California High-Speed Rail Authority, September 23, 2009.
- . 2010. *Draft HST Station Area Development: General Principles and Guidelines*. Sacramento, CA: California High-Speed Rail Authority, August 6, 2010.
http://www.hsr.ca.gov/Programs/Green_Practices/station_communities.html.
- . 2010b. *Technical Memorandum: Basis of Design, TM 0.3*. Prepared by Parsons Brinckerhoff. Sacramento, CA: California High-Speed Rail Authority, September 1, 2010.
- . 2011a. *California High-Speed Rail Program Draft 2012 Business Plan*. Sacramento, CA: California High-Speed Rail Authority, November 1, 2011.
- . 2011b. *Technical Memorandum: Aesthetic Guidelines for Non-Station Structures, TM 200.06*. Sacramento, CA: California High-Speed Rail Authority, November 3, 2011.
- . 2011c. *Technical Memorandum: Automatic Train Control and Radio Systems: Requirements, Solutions and Radio Frequency Spectrum Challenges, TM 300.04*. Prepared by Parsons Brinckerhoff. Sacramento, CA: California High-Speed Rail Authority, May 4, 2011.
- . 2011d. *Technical Memorandum: Capital Cost Estimating Methodology for the 15% Design Level, TM 1.1.19*. Prepared by Parsons Brinckerhoff. Sacramento, CA: California High-Speed Rail Authority, January 11, 2011.
- . 2011e. *Technical Memorandum: Capital Cost Estimating Methodology for the 30% Design Level, TM 1.1.22*. Prepared by Parsons Brinckerhoff. Sacramento, CA: California High-Speed Rail Authority, March 03, 2011.
- . 2011f. *Technical Memorandum: EMT Radio Frequency (RF) Spectrum Acquisition Strategy, TM 300.03*. Prepared by Parsons Brinckerhoff. Sacramento, CA: California High-Speed Rail Authority, May 4, 2011.
- . 2011g. *Technical Memorandum: Geotechnical Analysis and Design Guidelines, TM 2.9.10*. Prepared by Parsons Brinckerhoff. Sacramento, CA: California High-Speed Rail Authority, May 22, 2011.
- . 2011h. *Technical Memorandum: Station Program Design Guidelines, TM 2.2.2*. Prepared by Parsons Brinckerhoff. Sacramento, CA: California High-Speed Rail Authority, June 7, 2011.
- . 2011i. *Urban Design Guidelines: California High-Speed Train Project*. Sacramento, CA: California High-Speed Rail Authority, March 2011.
- . 2011j. *Application Package for Station Area Planning Funds: American Recovery and Reinvestment Act of 2009; Safe, Reliable High-Speed Passenger Train Bond Act for the 21st Century*. Prepared by Parsons Brinckerhoff. Sacramento, CA: California High-Speed Rail Authority, March 2011.
- . 2012a. *California High-Speed Rail Program Revised 2012 Business Plan: Building California's Future*. Sacramento, CA: California High-Speed Rail Authority, April 2012.
- . 2012b. *Fresno to Bakersfield Capital Cost Estimating Report*. Sacramento, CA: California High-Speed Rail Authority, 2012.

- . 2012c. *Bay Area to Central Valley High-Speed Train Partially Revised Final Program Environmental Impact Report (EIR)*. Sacramento, CA: California High-Speed Rail Authority, April 2012.
- . 2012d. *Technical Memorandum: EIR/EIS Assessment of CHST Alignment EMF Footprint, TM 300.07*. Prepared by Parsons Brinckerhoff. Sacramento, CA: California High-Speed Rail Authority, February 27, 2012.
- . 2013. April 2013 Madera Settlement Agreement. Superior Court of California, County of Sacramento. April 18, 2013.
- . 2013a. Letter to the State Auditor. January 24, 2013.
- . 2013b. *Technical Memorandum: 15% Design Scope, TM 0.1*. Prepared by Parsons Brinckerhoff. Sacramento, CA: California High-Speed Rail Authority, April 30, 2013.
- . **2013c. "California High-Speed Train Project, Merced to Fresno Section: Post-Construction Stormwater Quality Standards." Technical Memorandum prepared for State Water Resources Control Board.** Sacramento, CA: California High-Speed Rail Authority, July 3, 2013.
- . 2013d. *California High-Speed Train Engineering Report: Draft 15% Design Submission, Fresno to Bakersfield Preliminary Right-of-Way Requirements Report*. Sacramento, CA: California High-Speed Rail Authority, June 2013.
- . 2013e. *Fresno to Bakersfield Section: Stormwater Quality Management Report*. California High-Speed Train Engineering Report. Draft 15% Design Submission.
- California High-Speed Rail Authority and California Department of Conservation (Authority and Department of Conservation). 2013. Agreement HSR12-03 between California High-Speed Rail Authority and Department of Conservation. Registration no. eP. June 28, 2013.
- California High-Speed Rail Authority and California Strategic Growth Council (Authority and SGC). 2011a. *Rapid Fire Model: Technical Summary, Model Version 2.0*. May 2011.
- . 2011b. *Vision California, Charting Our Future: Statewide Scenarios Report*. June 26, 2011. <http://visioncalifornia.org/reports.php>.
- California High-Speed Rail Authority and USDOT Federal Railroad Administration (Authority and FRA). 2005. *Final Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS) for the Proposed California High-Speed Train System*. Vol. 1, *Report*. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, August 2005. http://www.hsr.ca.gov/Programs/Environmental_Planning/EIR_EIS/index.html (accessed May 2013).
- . 2008. *Bay Area to Central Valley High-Speed Train (HST) Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS)*. Final. Volume 1. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, May 2008. http://www.hsr.ca.gov/Programs/Environmental_Planning/bay_area.html (accessed May 2013).

- . [2009] 2011. *Central Valley Biological Resources and Wetlands Survey Plan*. Prepared by URS/HMM/Arup Joint Venture with technical assistance from Parsons/ICF and AECOM/CH2M HILL Joint Venture. Original publication October 2009; updated June 2011.
- . 2010a. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Working Draft, Fresno to Bakersfield Supplemental Alternatives Analysis Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, September 2010.
http://www.hsr.ca.gov/Programs/Statewide_Rail_Modernization/Project_Sections/fresno_bakersfield.html.
- . 2010b. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Working Draft, Preliminary Fresno to Bakersfield Alternatives Analysis Report*. Volume 1. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, June 2010.
http://www.hsr.ca.gov/Programs/Statewide_Rail_Modernization/Project_Sections/fresno_bakersfield.html.
- . 2010c. "Fresno to Bakersfield Section Preliminary Alternatives Analysis." Briefing: June 2010 Board Meeting Agenda Item #6. Sacramento and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, May 25, 2010.
http://www.hsr.ca.gov/docs/programs/statewide_rail/proj_sections/Fresno_Bakersfield/Fresno_to_Bakersfield_Preliminary_Alternatives_Analysis_Briefing_and_Summary.pdf.
- . 2011a. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Fresno to Bakersfield Archaeological Survey Report (ASR)*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, 2011.
- . 2011b. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Fresno to Bakersfield Historic Architectural Survey Report (HASR)*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, 2011.
- . 2011c. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Fresno to Bakersfield Historic Property Survey Report (HPSR)*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, 2011.
- . 2011d. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Supplemental Alternatives Analysis Report: Fresno to Bakersfield Section*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, May 2011.
http://www.hsr.ca.gov/docs/brdmeetings/2011/May/brdmtg0511_fresbaker8_rpt.pdf.
- . 2011e. *California High-Speed Train Project Environmental Impact Report/Environmental Impact Statement, Working Draft, Supplemental Alternatives Analysis Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, December 2011.
http://www.hsr.ca.gov/docs/brdmeetings/2011/December/brdmtg1211_agenda5_fresbaker_rpt.pdf.

- . 2011f. *Section 106 Programmatic Agreement Among the Federal Railroad Administration, the Advisory Council on Historical Preservation, the California State Historic Preservation Officer, and the California High-Speed Rail Authority Regarding Compliance with Section 106 of the National Historic Preservation Act*.
http://www.hsr.ca.gov/docs/programs/fresno-baker-eir/RDrft_EIR_FB_Vol2_3_17a.pdf
 (accessed May 2013).
- . 2011g. *California High-Speed Train: Fresno to Bakersfield Section, Checkpoint B Summary Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, March 2011.
http://www.hsr.ca.gov/Programs/Environmental_Planning/draft_fresno_bakersfield.html.
- . 2012a. *Archaeological Treatment Plan, California High-Speed Train Project EIR/EIS, Merced to Fresno Section*. Prepared by AECOM. Sacramento, CA, and Washington, DC, August 2012.
- . 2012b. *California High-Speed Train, Draft Fresno to Bakersfield, Biological Assessment*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, June 2012.
- . 2012c. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Draft, Fresno to Bakersfield: Hazardous Wastes and Materials Technical Report*. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, July 2012.
http://www.hsr.ca.gov/Programs/Environmental_Planning/revised_draft_fresno_bakersfield.html.
- . 2012d. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Draft, Fresno to Bakersfield, Supplemental Preliminary Jurisdictional Waters and Wetlands Delineation Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, July 2012.
- . 2012e. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Final Merced to Fresno Section Project EIR/EIS. Volume I, Report, and Volume IV, Response to Comments*. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, April 2012.
http://www.hsr.ca.gov/Programs/Environmental_Planning/final_merced_fresno.html.
- . 2012f. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Fresno to Bakersfield Air Quality Technical Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, July 2012.
http://www.hsr.ca.gov/Programs/Environmental_Planning/revised_draft_fresno_bakersfield.html.
- . 2012g. *California High-Speed Train Project Environmental Impact Report/Environmental Impact Statement, Fresno to Bakersfield Biological Resources and Wetlands Technical Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, July 2012.

- http://www.hsr.ca.gov/Programs/Environmental_Planning/revised_draft_fresno_bakersfield.html.
- . 2012h. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Fresno to Bakersfield Community Impact Assessment Technical Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, July 2012.
http://www.hsr.ca.gov/Programs/Environmental_Planning/revised_draft_fresno_bakersfield.html.
- . 2012i. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Fresno to Bakersfield: Draft Relocation Impact Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, July 2012.
http://www.hsr.ca.gov/Programs/Environmental_Planning/revised_draft_fresno_bakersfield.html.
- . 2012j. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Fresno to Bakersfield: Noise and Vibration Technical Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, July 2012.
http://www.hsr.ca.gov/Programs/Environmental_Planning/revised_draft_fresno_bakersfield.html.
- . 2012k. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Fresno to Bakersfield Supplemental Archaeological Survey Report (Supplemental ASR)*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, 2012.
- . 2012l. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Fresno to Bakersfield Supplemental Historic Architectural Survey Report (Supplemental HASR)*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, 2012.
- . 2012m. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Fresno to Bakersfield Supplemental Historic Property Survey Report (Supplemental HPSR)*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, 2012.
- . 2012n. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Fresno to Bakersfield Transportation Analysis Technical Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, July 2012.
http://www.hsr.ca.gov/Programs/Environmental_Planning/revised_draft_fresno_bakersfield.html.
- . 2012o. *California High-Speed Train: Conceptual I-5 Corridor Study, Bakersfield to San Fernando Valley (Sylmar)*. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, January 2012.

http://www.hsr.ca.gov/docs/brdmeetings/2012/January/brdmtg0112_agenda4_sylmar.pdf.

———. 2013. *California High-Speed Train Project Environmental Impact Report / Environmental Impact Statement, Fresno to Bakersfield Transportation Analysis Technical Report*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, 2013.

———. 2013b. Checkpoint C. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA, and Washington, DC: California High-Speed Rail Authority and USDOT Federal Railroad Administration, 2013.

———. 2014. *Fresno to Bakersfield Post-Construction Stormwater Quality Standards Technical Memorandum*. Section 401 Water Quality Certification Application, Fresno to Bakersfield. March 2014.

California High-Speed Rail Authority, USDOT Federal Railroad Administration, U.S. Department of Housing and Urban Development Region 9, USDOT Federal Transit Administration Region 9, and U.S. Environmental Protection Agency Region 9 (Authority et al.). 2011. *Memorandum of Understanding for Achieving an Environmentally Sustainable High-Speed Train System in California*. Sacramento, CA, and Washington, DC: July 2011.

California High-Speed Rail Authority, USDOT Federal Railroad Administration, U.S. Department of Housing and Urban Development Region 9, USDOT Federal Transit Administration Region 9, U.S. Environmental Protection Agency (Authority et al.). 2011. *Memorandum of Understanding for Achieving an Environmentally Sustainable High-Speed Train System in California*. Sacramento, CA, and Washington, DC: July 2011.

California Transportation Commission. *2010 California Regional Transportation Plan Guidelines*. Sacramento, CA: California Transportation Commission, April 2010.

Cambridge Systematics, Inc. 2003. *Economic Growth Effects of the System Alternatives for the Program Environmental Impact Report/Environmental Impact Statement. Final Report*. Prepared for California High-Speed Rail Authority with Economic Development Research Group. July 2003.

———. 2007. *Bay Area / California High-Speed Rail Ridership and Revenue Forecasting Study*. Prepared for Metropolitan Transportation Commission and the California High-Speed Rail Authority. July 2007.

———. 2010. *California High-Speed Rail County-Level Growth Inducement Projections*. Developed for use in regional environmental studies. July 2010.

CENELEC. See European Committee for Electrotechnical Standardization.

Center for Neighborhood Technology. 2006. *Paved Over: Surface Parking Lots or Opportunities for Tax-Generating, Sustainable Development?* Center for Neighborhood Technology, November 2006. <http://www.cnt.org/repository/PavedOver-Final.pdf> (accessed May 2013).

Central Japan Railway Company. 2011. *About the Shinkansen: Safety*. <http://english.jr-central.co.jp/about/safety.html>.

- Cervero, Robert. 1995. *Rail Access Modes and Catchment Areas for the BART System*. Berkeley, CA: University of California Berkeley, Institute of Urban and Regional Development, September 1, 1995. <http://www.escholarship.org/uc/item/0m92j0kr> (accessed May 2013).
- City of Bakersfield. 2010. *Draft Environmental Impact Report: Bakersfield Commons Project*. February 16, 2010.
- City of Bakersfield Public Works Department (City of Bakersfield PWD). 2012. *Subdivision and Engineering Design Manual: Division Five, Streets*. Bakersfield, CA: City of Bakersfield DPW, July 13, 2012. <http://www.bakersfieldcity.us/cityservices/pubwrks/designman/pdf/Streets.pdf>.
- City of Bakersfield and Kern County. 2007a. *Metropolitan Bakersfield General Plan*. December 11, 2007. <http://www.co.kern.ca.us/planning/pdfs/mbgp/mbgptoc.pdf> (accessed May 26, 2011).
- City of Bakersfield and County of Kern. 2007b. "Circulation Element." In: *Metropolitan Bakersfield General Plan*. Bakersfield, CA: December 11, 2007.**
- . 2009. "Existing Conditions, Opportunities and Constraints Report." In: *Metropolitan Bakersfield General Plan Update*. 2009 draft.
- City of Corcoran. 2007. *Corcoran General Plan 2025: Policies Statement*. Visalia, CA: Quad Knopf. March 19, 2007. <http://www.cityofcorcoran.com/civica/filebank/blobdload.asp?BlobID=3439>.
- City of Fresno. 2011. **"Introduction." In: *Downtown Neighborhoods Community Plan: Fresno, California***. Prepared by Moule & Polyzoides. Fresno, CA: City of Fresno, public draft September 23, 2011. <http://fresnodowntownplans.com/project/details/dncp>.
- City of Fresno Planning and Development Department. 2006. *Chinatown Historic Resource Survey*. Prepared by Architectural Resources Group. Fresno, CA: City of Fresno, April 4, 2006. http://www.fresno.gov/NR/rdonlyres/1A327823-0FB9-40FF-AF05-4C23C914E1F6/0/HistoricSurvey_Chinatown_2006.pdf.
- City of Fresno Public Works Department (City of Fresno PWD). 2011. *Standard Drawings*. Fresno, CA: City of Fresno Public Works Department, November 2011. <http://www.fresno.gov/NR/rdonlyres/ABA25F91-D0E8-4337-8CF7-8F9B20977250/0/STDDrawings.pdf>.
- . 2013. *Standard Specifications*. Updated January 15, 2013. <http://www.fresno.gov/NR/rdonlyres/41DD948F-8BC7-4943-9CE2-190480D8D728/0/011113FINALCityStandardSpecificationsSections132.pdf>.
- City of Hanford. 2002. *City of Hanford General Plan*. Adopted June 18, 2002.
- City of Shafter. 2005. *Subdivision & Engineering Design Manual: City of Shafter Ordinance No. 05-565*. City of Shafter Municipal Code Title 16, Chapter 1, Section 1.030.B. Shafter, CA: City of Shafter Engineering & Public Works, July 21, 2005. <http://www.shafter.com/index.aspx?NID=56>.
- Council of Fresno County Governments. 2010. *2011 Final Regional Transportation Plan*. Adopted July 29, 2010.

Council on Environmental Quality (CEQ). No date (n.d.). "NEPA's Forty Most Asked Questions."
<http://ceq.hss.doe.gov/nepa/regs/40/1-10.HTM#4> (accessed May 2013).

European Committee for Electrotechnical Standardization (CENELEC). 2006. EN 50121-4 Standard for Railway Signaling and Telecommunications Operations.

Evans, John E. (Jay) IV, and Richard A. Pratt. 2007. *Transit Oriented Development: Traveler Response to Transportation System Changes*, Chapter 17, TCRP REPORT 95. Washington, DC: Transportation Research Board, 2007.
http://www.fta.dot.gov/documents/Transit_Oriented_Development_-_Traveler_Response_to_Transportation_System_Changes_TCRP_Report_95.pdf (accessed May 2013).

Facchinetti-Mannone, Valerie. No date (n.d.). *Location of High Speed Rail Stations in French Medium-Size City and Their Mobility and Territorial Implications*. University of Burgundy, no date), http://hal.archives-ouvertes.fr/docs/00/76/72/26/PDF/32_Facchinetti_Mannone_Valerie.pdf (accessed May 2013).

Faunt, C.C., ed. 2009. *Groundwater Availability of the Central Valley Aquifer, California: U.S. Geological Survey Professional Paper 1766*, 225 pp.

Federal Railroad Administration (FRA). 1993. *Safety of High Speed Guided Ground Transportation Systems. Collision Avoidance and Accident Survivability. Volume 2, Collision Avoidance*. DOT/FRA/ORD-93/02.11, DOT-VNTSC-FRA-93.211. Washington, DC: FRA, 1993.

———. 1994. *Safety of High Speed Guided Ground Transportation Systems – Intrusion Barrier Design Study*. <http://www.fra.dot.gov/downloads/research/ord9504.pdf>.

———. 2005a. *High-Speed Ground Transportation Noise and Vibration Impact Assessment*. Washington, DC: U.S. Department of Transportation, FRA October 2005.
http://www.fra.dot.gov/downloads/RRDev/final_nv.pdf (accessed January 2011).

———. 2005b. *Record of Decision: California High-Speed Train System*. Washington, DC: U.S. Department of Transportation, FRA, November 18, 2005.
http://www.hsr.ca.gov/Programs/Environmental_Planning/EIR_EIS/index.html (accessed July 2013).

———. 2008. "The Aerodynamic Effects of Passing Trains to Surrounding Objects and People." April 2008.

———. 2009. *FRA's High-Speed Intercity Passenger Rail (HSIPR) Interim Program Guidance*. 74 FR 29900, 29905. June 23, 2009.

———. 2011. *Station Area Planning for High-Speed and Intercity Passenger Rail*. Washington, DC: FRA, Office of Railroad Policy and Development, June 1, 2011.
<http://www.fra.dot.gov/eLib/details/L03759> (accessed May 2013).

———. 2012. *High-Speed Ground Transportation Noise and Vibration Impact Assessment*. Washington, DC: FRA, September 2012.

Federal Railroad Administration, California High-Speed Rail Authority, U.S. Army Corps of Engineers, and U.S. Environmental Protection Agency (FRA et al.). 2010. *Memorandum of Understanding: National Environmental Policy Act (42 U.S.C. 4321 et seq) and Clean*

- Water Act Section 404 (33 U.S.C. 1344) and Rivers and Harbors Act Section 14 (33 U.S.C. 408), Integration Process for the California High-Speed Train Program.* Washington, DC: FRA, November 2010.
http://www.hsr.ca.gov/docs/programs/eir_memos/Proj_Guidelines_NEPA404_408MOU.pdf (accessed October 2013).
- Fresno County Department of Public Works and Planning, Development Services Division (Fresno County DPW). 2011. *Fresno County Ordinance Code Title 15, Ordinance 11-005.* "Building and Construction." Fresno, CA: Fresno County DPW, development Services Division, June 24, 2011. <http://www.co.fresno.ca.us/ViewDocument.aspx?id=4210>.
- Federal Transit Administration (FTA). 2007. *Useful Life of Transit Buses and Vans*, Report No. FTA VA-26-7229-07.1 April 2007)
- Galloway, D.L., D.R. Jones, and S.E. Ingebritsen. 2000. "Land Subsidence in the United States." USGS Fact Sheet-165-00. December 2000.
- Galloway, D.L., and F.S. Riley. 1999. "San Joaquin Valley, California—Largest Human Alteration of the Earth's Surface." In: *Land Subsidence in the United States*, ed. by D.L. Galloway, D.R. Jones, and S.E. Ingebritsen. U.S. Geological Survey Circular 1182, pp. 23–34. <http://pubs.usgs.gov/circ/circ1182/>.
- Ge et al. 2009. Using Permanent Scatterer InSAR to monitor Land Subsidence Along High Speed Railway – The First Experiment in China. China Aero Geophysical Survey & Remote Sensing Center for Land and Resources (AGRS), 100083, Beijing, China.
- Golder Associates, Inc. 2009. *EMF Report: A Review of the Current Scientific Literature on Health Effects of Electric and Magnetic Fields*. Submitted to Tom Stoops, Assistant Director, Oregon Department of Energy, November 23, 2009.
- Hale, Chris. 2011. *Station Access and the Modern Transit System*. Adelaide, Australia: Australasian Transport Research Forum, 28–30 September 2011. http://www.atrf11.unisa.edu.au/Assets/Papers/ATRF11_0115_final.pdf
- Hillman, Donald, Charles Goeke, and Richard Moser. 2004. "Electric and Magnetic Fields (EMF) Affect Milk Production and Behavior of Cows: Results Using Shielded Neutral Isolation Transformer." *Shocking News*, July 2004. <http://www.electricalpollution.com/documents/Hillman/ShockingNews3-072004.pdf>.
- HUD. See U.S. Department of Housing and Urban Development.
- Independent Peer Review Panel. 2011. *Independent Peer Review of the California High-Speed Rail Ridership and Revenue Forecasting Process: Findings and Recommendations from the April-July, 2011 Review Period*. August 1, 2011. http://www.hsr.ca.gov/About/ridership_and_revenue.html.
- International Railway Journal. 2013. "China's High-Speed Programme Back on Track." Written by Han Qiao, China Features. International Railway Journal, January 10, 2013.
- International Union of Railways (UIC). 2002. *Structures Built over Railway Lines: Construction Requirements in the Track Zone*. 2d ed. UIC, September 2002. http://www.uic.org/etf/codex/codex-detail.php?codeFiche=777-2&langue_fiche=E (accessed May 2013).

- Kern Council of Governments (KCOG). 2003. *Metropolitan Bakersfield: High Speed Rail Terminal Impact Analysis*. Prepared by Wilbur Smith Associates. Bakersfield, CA: KCOG, July 2003.
- . 2010. *2011 Final Regional Transportation Plan*. Bakersfield, CA: Kern Council of Governments, July 15, 2010.
- Kern County. 2010. "Development Standards: Division One, Standards for Streets." Bakersfield, CA: Kern County, May 21, 2010.
[http://esps.kerndsa.com/images/engineering/pdfs/DIVISION_01\(ONE\).pdf](http://esps.kerndsa.com/images/engineering/pdfs/DIVISION_01(ONE).pdf).
- Kern County Planning Department. 2007a. "Circulation Element." In: *Kern County General Plan*.** Bakersfield, CA. March 13, 2007.
<http://www.co.kern.ca.us/planning/pdfs/kcgp/KCGPChp2Circulation.pdf> (accessed August 2010).
- Kern County Planning Department. 2007b. *Kern County General Plan*.
<http://www.docstoc.com/docs/34048478/Kern-County-General-Plan>.
- Kim et al. 2010. Measurements and predictions of subsidence induced by soil consolidation using persistent scatterer InSAR and a hyperbolic model. *Geophysical Research Letters*, VOL. 37, L05304, doi:10.1029/2009GL041644, 2010.
- Kings County. 2010. *Kings County 2035 General Plan*. Adopted January 26, 2010.
- Kings County Association of Governments (KCAG). 2010. *2011 Kings County Regional Transportation Plan*. Adopted July 28, 2010.
<http://www.kingscog.org/assets/2011%20RTP.pdf>.
- . 2011. *Kings County Regional Bicycle Plan*. Lemoore, CA: Kings County Association of Governments, October 2011.
- Kings County Community Development Agency. [1993] [1997] 2010. *Kings County General Plan*. December 28, 1993. Amended 1997, 2010.
- . "Land Use Element." In: *2035 Kings County General Plan*.
- . "Resource Conservation Element." In: *2035 Kings County General Plan*.
- Kings County Economic Development Corporation (Kings County EDC). 2010. *Kings County Expression of Interest: California High-Speed Train Heavy Maintenance Facility*. Hanford, CA: Kings County EDC, January 14, 2010.
- Kings County Public Works. 2003. *County of Kings, State of California: Improvement Standards*. Hanford, CA: Kings County Public Works, May 6, 2003.
<http://www.countyofkings.com/planning/PW%20STANDARD%205-6-03.pdf>.
- Levinson, Herbert S, Paul Ryus, Joseph L. Schofer, Conor Semler, Jamie Parks, Kathryn Coffel, David Sampson, and Carol Kachadoorian. 2012. *Guidelines for Providing Access to Public Transportation Stations*. TCRP Report 153. Washington, DC: The National Academies Press, 2012. http://onlinepubs.trb.org/onlinepubs/tcrp/tcrp_rpt_153.pdf (accessed May 2013).
- Levy, Alon. 2012. "High-Speed Rail's Role in Decongesting Airports." Posted August 18, 2012.
<http://pedestrianobservations.wordpress.com/2012/08/18/high-speed-rails-role-in-decongesting-airports> (accessed April 2013).

Local Agency Formation Commission of Kings County (LAFCo). 2007. *City and Community District Sphere of Influence Update*. September 14, 2007.
<http://www.kingslafco.com/Documents/2007%20Adopted%20Sphere%20Update.pdf>
(accessed May 2013).

Loopnet. 2010. "Commercial and Industrial Real Estate Database Search."
<http://www.loopnet.com> (accessed July 3, 2010).

Lund, Hollie M., Robert Cervero, and Richard W. Willson. 2004. *Travel Characteristics of Transit-Oriented Development in California*. January 2004.
http://www.bart.gov/docs/planning/travel_of_tod.pdf (accessed May 2013).

Mader, H.-J. 1984. "Animal Habitat Isolation by Roads and Agricultural Fields." *Biological Conservation* 29 (1984):81–96.

Mata, C., I. Hervás, J. Herranz, F. Suárez, and J.E. Malo. 2005. "Complementary Use by Vertebrates of Crossing Structures along a Fenced Spanish Motorway." *Biological Conservation* 124 (2005):397–405.

———. 2008. "Are Motorway Wildlife Passages Worth Building? Vertebrate Use of Road-Crossing Structures on a Spanish Motorway." *Journal of Environmental Management* 88 (2008):407–415.

McGill University. 2008. *McGill Research on EMF and Dairy Cattle: Summary of Findings and Significance of Results*. Prepared by Exponent, December 29, 2008.

Moh, Z.C. 2004. *Geotechnical Issues in Design and Construction of Viaducts of the Taiwan High Speed Rail*. Moh and Associates, Inc., 11F., No. 3, Tunhwa South Road, Section 1, Taipei 105, Taiwan

National Aeronautics and Space Administration. 2007. "Derailed." *System Failure Case Studies*, Volume 1, Issue 5 (March 2007).

National Renewable Energy Lab (NREL). 2011. *California High-Speed Rail Authority Strategic Energy Plan*. Prepared by National Renewable Energy Laboratory. Washington, DC: NREL, December 2011.
http://www.hsr.ca.gov/docs/programs/green_practices/operations/The%20Use%20of%20Renewable%20Energy%20Sources%20to%20Provide%20Power%20to%20Californias%20High%20Speed%20Rail.pdf.

North East Wales Institute of Higher Education. 2004. *The High-Speed Train Disaster in Eschede (Germany)*. Engineering Design Group Project (Group 1) Level 2 2004/2005. November 30, 2004.

Porter, Bryan, and Nick Brand. 2010. *Technical Memorandum: Station Area Parking Guidance*. June 9, 2010.

Pryor, Marc, Lynn Marshall, Christopher McLean, and Jim Woodward. 2010. *Summer 2010 Electricity Supply and Demand Outlook*. California Energy Commission, Electricity Supply Analysis Division. CEC-20-2010-003-SD. Sacramento, CA: California Energy Commission, 2010.

- Railway Gazette. 2007. "Regenerative Braking Boosts Green Credentials." July 2, 2007.**
<http://www.railwaygazette.com/news/single-view/view/regenerative-braking-boosts-green-credentials.html> (accessed October 2013).
- Railway-Technology.com. 2012. **"China's High-Speed Rail Revolution."** November 21, 2012.
<http://www.railway-technology.com/features/feature124824/> (accessed February 4, 2013).
- Rao, Alan, and Thomas Tsai. 2007. "Safety Standards for High-Speed Rail Transportation."**
Transportation Research Record: Journal of the Transportation Research Board. Vol. 1995: 35–42.
- Robinson, S.J., M.D. Samuel, D.L. Lopez, and P. Shelton. 2012. "The Walk Is Never Random: Subtle Landscape Effects Shape Gene Flow in a Continuous White-Tailed Deer Population in the Midwestern United States." *Molecular Ecology* 21:4190–4205.
- San Joaquin Valley Air Pollution Control District (SJVAPCD). 2010. *2010 Ozone Mid Course Review*. Submitted to the California Air Resources Board. Fresno, CA: SJVAPCD, June 2010.
- San Joaquin Valley Regional Policy Council. 2010. *San Joaquin Valley Blueprint Roadmap*. June 2010.
- Secretary of the Interior. 2001. *The Secretary of the Interior's Standards for the Treatment of Historic Properties with Guidelines for Preserving, Rehabilitating, Restoring, and Reconstructing Historic Buildings*. Washington, DC: U.S. Department of the Interior, 1995. <http://www.nps.gov/hps/tps/standguide/>
- Sjöholm, Mikael. 2011. **"Benefits of Regenerative Braking and Eco Driving for High-Speed Trains: Energy Consumption and Brake Wear."** Master of Science Thesis. Stockholm, Sweden: Royal Institute of Technology, March 2011. <http://www.diva-portal.org/smash/record.jsf?pid=diva2:405993>.
- TGVweb. 2011. *TGV Accidents*. <http://www.trainweb.org/>. La Plata, MO. June 2000.
- Trombulak, S.C., and C.A. Frissell. 2000. "Review of Ecological Effects of Roads on Terrestrial and Aquatic Communities." *Conservation Biology* 14:18–30.
- Tulare County. 1991. *Improvement Standards of Tulare County*. 3 vols. Visalia, CA: County of Tulare, revised December 10, 1991.
<http://www.tularecounty.ca.gov/rma/index.cfm/documents-and-forms/public-works-documents/engineering-documents/county-standards/>.
- Union of International Railways. 2010. *High Speed and the City*. Union of International Railways, September 2010.
http://www.uic.org/IMG/pdf/20101117_highspeed_thecity_finalreport.pdf (accessed May 2013).
- University of California (UC) Berkeley. 2010. *Transit Oriented Development (TOD) Design Proposals for Fresno*. Final Report. Prepared by Elizabeth Deakin, Nicolae Duduta, Manish Shirgaokar, and Gil Tal. Berkeley, CA: UC Berkeley, June 2010.

- U.S. Army Corps of Engineers (USACE). 2012. 12501-SPD "Regulatory Program Standard Operating Procedure for Determination of Mitigation Ratios." Washington, DC: November 30, 2012.
- U.S. Department of Agriculture, National Agricultural Statistics Service (USDA NASS). 2012. "2012 California Land Values and Cash Rents Release." Cooperating with the California Department of Food and Agriculture. Sacramento, CA: California Field Office, released September 14, 2012.
- U.S. Department of Agriculture, Natural Resources Conservation Service (USDA NRCS). No date. "Soils." Part 622. soils.usda.gov/technical/handbook/contents/part622.html (accessed July 2013).
- U.S. Department of Housing and Urban Development (HUD). 2010. HUD Aggregated USPS Administrative Data on Vacancies. 2nd Quarter. June 30, 2010. <http://www.huduser.org/portal/datasets/usps.html> (accessed July 19, 2010).
- U.S. Department of Transportation, Federal Highway Administration, Federal Transit Administration, Colorado Department of Transportation, and Regional Transportation District (USDOT et al.). 2007. *US 36 Corridor Draft Impact Statement/Draft Section 4(f) Evaluation, Volume 1*. Denver, CO: Colorado Department of Transportation, July 2007.
- U.S. Environmental Protection Agency (EPA). 1999. "National-Scale Air Toxics Assessment."** <http://www.epa.gov/nata/>.
- . 2006. "AP 42, Fifth Edition, Volume I, Chapter 11, Mineral Products Industry." Chapter 11.12, "Concrete Batching." Washington, DC: EPA, June 2006. <http://www.epa.gov/ttn/chief/ap42/ch11/index.html>.
- U.S. Fish and Wildlife Service (USFWS). 1996. "Subject: Programmatic Formal Endangered Species Act Consultation on Issuance of 404 Permits for Projects with Relatively Small Effects on Listed Vernal Pool Crustaceans within the Jurisdiction of the Sacramento Field Office, California (Programmatic BO)." Sacramento, CA: USFWS, Sacramento Fish and Wildlife Office, February 28, 1996.
- . 1998. *Recovery Plan for Upland Species of the San Joaquin Valley, California*. Portland, Oregon: Region 1 U.S. Fish and Wildlife Service, September 30, 1998.
- . 1999a. *Conservation Guidelines for the Valley Elderberry Longhorn Beetle*. Sacramento, CA: USFWS, Sacramento Fish and Wildlife Office, 9 July 1999.
- . 1999b. *Draft Recovery Plan for the Giant Garter Snake (Thamnopsis gigas)*. Prepared by Karen J. Miller and Kelly Hornaday. Sacramento, CA: USFWS, Sacramento Fish and Wildlife Office, 1999.
- . [1999] 2011. *Standardized Recommendations for Protection of the Endangered San Joaquin Kit Fox Prior to or During Ground Disturbance*. June 1999. Sacramento, CA: USFWS, Sacramento Fish and Wildlife Office, January 2011.
- . 2013. *Biological Opinion on the California High Speed Train System: Fresno to Bakersfield Section Project, Fresno, Tulare, Kings, and Kern Counties*. February 28, 2013.

U.S. Fish and Wildlife Service and California Department of Fish and Game (USFWS and CDFG). 2003. *Interim Guidance on Site Assessment and Field Surveys for Determining Presence or a Negative Finding of the California Tiger Salamander*. Sacramento, CA: USFWS, Sacramento Fish and Wildlife Office; CDFG, License and Revenue Branch; October 2003.

U.S. Geological Survey (USGS). 2011. Geographic Names Information System – GNIS. U.S. Geological Survey, 2011.

Vargas, K.E., E.G. McPherson, J.R. Simpson, P.J. Peper, S.L. Gardner, and O. Xiao. 2007. *Interior West Community Tree Guide: Benefits, Costs, and Strategic Planting*. General Technical Report. PSW-GTR-205. Davis, CA: U.S. Forest Service, Center for Urban Forest Research, December 2007. http://www.usda.gov/oce/climate_change/techguide/index.htm (accessed May 2013).

Webb, Peter. N.d. "Are Electromagnetic Fields Negatively Impacting Your Cows?" The Canadian Society of Dowsers. <http://www.canadiandowsers.org/resources/articles/are-electromagnetic-fields-negatively-impacting-your-cows>.

Wyre, R. 2011. "U.S. Rejects Japan's High Speed Trains." Majirox News, February 8, 2011. <http://www.majiroxnews.com/2011/02/08/u-s-rejects-japans-high-speed-train/> (accessed July 18, 2011).

Personal Communications

Cypher, Brian. 2012. Input from Dr. Brian Cypher, Associate Director and Research Ecologist at the Endangered Species Recovery Program, California State University, Stanislaus, to Matthew Bettelheim, Biologist, URS Corporation, regarding potential migratory movement and culvert design for San Joaquin fit fox.

Fellenz, Thomas C. 2013. Email communication on March 28, 2013, from Thomas C. Fellenz, Chief Counsel, California High-Speed Rail Authority, to Ms. Rita Wespi regarding Ms. **Wespi's October 5, 2012, Public Records Act request for information on "phase 1, 2, and 3 analysis and resulting documents which were prepared in 1995 and 1996 as part of the 1996 High-Speed Rail Corridor Evaluation and Environmental Constraints Analysis Final Report."**

Steck, Barbara. 2009. Memo from Barbara Steck to the San Joaquin Valley Regional Policy Council, dated March 20, 2009.

