# **11.0 References/Sources Used in Document** Preparation

#### Summary

Bureau of Transportation Statistics. 2010. *The Nation's Freight*. Available at <a href="http://www.bts.gov/publications/freight\_in\_america/html/nations\_freight.html">http://www.bts.gov/publications/freight\_in\_america/html/nations\_freight.html</a>. Research and Innovative Technology Administration, Bureau of Transportation Statistics. Accessed October 22, 2010. Washington, DC.

California High-Speed Rail Authority (Authority). 2010. *Bay Area to Central Valley High-Speed Train (HST) Revised Final Program Environmental Impact Report (EIR).* Available at <u>http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx</u>. Sacramento, CA. August 2010.

- California High-Speed Rail Authority and 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*. Available at <u>http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx</u>. Sacramento, CA, and Washington, DC. August 2005.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2008. *Final Bay Area to Central Valley High-Speed Train (HST) Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS)*. Available at <a href="http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx">http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx</a>. Sacramento, CA, and Washington, DC. May 2008, Revised 2010.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2010a. *Preliminary Alternatives Analysis Report, Merced to Fresno Section High-speed Train Project EIR/EIS.* Available at <u>http://www.cahighspeedrail.ca.gov/lib\_Merced\_Fresno.aspx</u>. Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. April 7, 2010.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2010b. *Supplemental Alternatives Analysis Report, Merced to Fresno Section High-speed Train Project EIR/EIS.* Available at <u>http://www.cahighspeedrail.ca.gov/lib\_Merced\_Fresno.aspx</u>. Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. August 5, 2010.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011. California High-Speed Train (HST) Merced to Fresno Section Draft Project Environmental Impact Report/Environmental Impact Statement (EIR/EIS) and Draft Section 4(f) Statement. Sacramento, CA, and Washington, D.C. August 2011.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012a. *Historic Properties Survey Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM. Sacramento, CA, and Washington, DC. Publication pending 2012.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012b. *Historic Architectural Survey Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM. Sacramento, CA, and Washington, DC. Publication pending 2012.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012c. *Archaeology Survey Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM. Sacramento, CA, and Washington, DC. Publication pending 2012.





Cambridge Systematics, Inc. 2007. *Bay Area/California High-Speed Rail Ridership and Revenue Forecasting Study. Final Report.* Prepared for Metropolitan Transportation Commission and California High-Speed Rail Authority. Oakland, CA. July 2007.

City of Fresno. 2002. 2001 *Transit Long Range Master Plan – Final Report*. Available at http://www.fresno.gov/NR/rdonlyres/8D875CBE-2091-4524-B2CE-<u>A57C0CB0A069/0/02\_00LongRangePlanFinaReport.pdf</u>. Submitted by Nelson\Nygaard Consulting Associates and TJKM Transportation Consultants. Fresno, CA. April 2002.

City of Fresno. 2011a. *The Fulton Corridor Specific Plan*. Available at http://fresnodowntownplans.com/project/details/fcsp. Accessed January 11, 2012. Fresno, CA.

City of Fresno. 2011b. Downtown *Neighborhoods Community Plan.* Available at http://fresnodowntownplans.com/project/details/dncp. Accessed January 11, 2012. Fresno, CA.

Colorado Department of Transportation (CDOT). 2009. *U.S. 36 Corridor Final Environmental Impact Statement/Final Section 4(f) Evaluation*. Section 4.23 Cumulative Impacts. Available at <a href="http://www.coloradodot.info/projects/us36eis/documents">http://www.coloradodot.info/projects/us36eis/documents</a>. Denver, CO. October 2009.

Kopshever, Jim. 2011. E-mail from Jim Kopshever, Harris-DeJager site property owner, to Peter Valentine, regarding withdrawal of site from consideration for use as an HMF. October 27, 2011.

Mintier Harnish, Carol Whiteside Consulting, Mogavero Notestine Associates, and The Rios Company. 2010. *San Joaquin Valley Blueprint Planning Process, Summary Report.* Available at <u>http://www.valleyblueprint.org/news/2010/10/13/blueprint-roadmap-summary-final-report.html</u>. September 2010.

San Joaquin Valley Air Pollution Control District (SJVAPCD). 2004. Extreme Ozone 1-Hour Plan. Available at <u>http://www.valleyair.org/air\_quality\_plans/AQ\_plans\_Ozone\_Final.htm</u>. Fresno, CA.

San Joaquin Valley Air Pollution Control District (SJVAPCD). 2007. 2007 Ozone Plan. Available at http://www.valleyair.org/Air Quality Plans/AQ Final Adopted Ozone2007.htm. Accessed January 25, 2010. Fresno, CA. April 30, 2007.

San Joaquin Valley Regional Planning Agencies Policy Council. 2009. *San Joaquin Valley Blueprint*. Brochure. Available at <u>http://www.fresnocog.org/document.php?pid=187</u>. Accessed March 2010. Fresno, CA. July 2009.

Transit Cooperative Research Program. 2004. TCRP Report 102 - Transit-Oriented Development in the United States: Experiences, Challenges, and Prospects. Washington, DC.

- U.S. Army Corps of Engineers (USACE). 2012. Response to February 22, 2012 Checkpoint C Package, and the March 9, 2012 response for the proposed Merced to Fresno segment of the California High-Speed Train Project. Letter from Michael S. Jewell, Chief, Regulatory Division to Mark McLoughlin, California High-Speed Rail Authority. Sacramento, CA. March 26, 2012.
- U.S. Census Bureau. 2011. *2010 American Community Survey 1-year estimates.* Available at <a href="http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml">http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml</a>. Accessed December 2011. Washington, DC.
- U.S. Environmental Protection Agency (EPA). 2012. Response to Checkpoint C Request for Agreement on Preliminary Least Environmentally Damaging Practicable Alternative and Draft Mitigation Plan for California High-Speed Rail Project Merced to Fresno Section. Letter from Connell Dunning, Transportation Team Supervisor, Environmental Review Office, Communities and Ecosystems Division, to David Valenstein, Federal Railroad Administration, and Tom Fellenz, California High-Speed Rail Authority. San Francisco, CA. March 23, 2012.



#### Chapter 1.0 Project Purpose, Need, and Objectives

- Airports Council International. 2010. *World Airport Traffic Report 2009*. Available at <u>http://www.airports.org/cda/aci\_common/display/main/aci\_content07\_c.jsp?zn=aci&cp=1-5-54\_666\_2</u>. Accessed July 2010. Geneva and Montreal.
- Amtrak Government Affairs. 2008. *Amtrak Fact Sheet, Fiscal Year 2008, State of California*. Available at <u>http://www.amtrak.com/pdf/factsheets/CALIFORNIA08.pdf</u>. Accessed July 2010. Washington, DC. October 2008.
- Bay Area Council Economic Institute. 2008. *California High-Speed Rail Economic Benefits and Impacts in the San Francisco Bay Area*. Available at <a href="http://www.bayeconfor.org/media/files/pdf/CaliforniaHigh-SpeedRailOct2008Web.pdf">http://www.bayeconfor.org/media/files/pdf/CaliforniaHigh-SpeedRailOct2008Web.pdf</a>. Accessed July 2010. San Francisco, CA. October 2008.
- Bureau of Transportation Statistics. 2010. *Summary Statistics July 2010 Origin Airport: Fresno, California.* Available at <u>http://www.bts.gov/xml/ontimesummarystatistics/src/ddisp/OntimeSummarySelect.xml?tname=O</u> <u>ntimeSummaryOrigData</u>. Accessed August 9, 2010. Fresno, CA.
- Bussiere, Ashlee. No Date. *The Foggy Season in the San Joaquin Valley*. Available at <a href="http://www.theweatherprediction.com/weatherpapers/067/index.html">http://www.theweatherprediction.com/weatherpapers/067/index.html</a>. Accessed February 25, 2011. San Joaquin Valley, CA.
- California Air Resources Board (CARB). 2008. *Climate Change Scoping Plan, a framework for change. Pursuant to AB 32, the California Global Warming Solutions Act of 2006.* Available at <u>http://www.arb.ca.gov/cc/scopingplan/document/adopted\_scoping\_plan.pdf</u>. Sacramento, CA. December 2008.
- California Air Resources Board (CARB). 2010. *Greenhouse Gas Inventory Data Graphs. Inventory of Greenhouse Gases*. Available at <u>http://www.arb.ca.gov/cc/inventory/data/graph/graph.htm</u>. Accessed June 10, 2010. Sacramento, CA. May 28, 2010.
- California Department of Finance (CDOF). 2010. *E-5 Population and Housing Estimates for Cities, Counties and the State, 2001-2010, with 2000 Benchmark.* Sacramento, CA.
- California Department of Food and Agriculture. 2009. California *Agricultural Highlights 2008-2009*. Available at <u>http://cdfa.ca.gov/Statsitics/personal communications</u>. Accessed July 2009. Sacramento, CA.
- California Department of Transportation (Caltrans). 2008a. *Draft California State Rail Plan 2007–2008 to 2017–2018.* Available at <u>http://dot.ca.gov/rail/go/dor/california-state-rail-plan/index.cfm</u>. Accessed July 2010. Sacramento, CA. March 2008.
- California Department of Transportation (Caltrans). 2008b. *San Joaquin Corridor Strategic Plan*. Available at <u>http://149.136.20.80/rail/dor/assets/File/Report Files/DRAFT Report Template 011008.pdf</u> Accessed January 2010. Sacramento, CA. January 2008.
- California Department of Transportation (Caltrans). 2009a. *Route 99 Corridor Updated Business Plan Volume I.* Available at <u>http://www.dot.ca.gov/dist6/99masterplan/</u>. Prepared by Caltrans Districts 6 and 10. Accessed July 2010. Sacramento, CA. September 2009.
- California Department of Transportation (Caltrans). 2009b. *California Motor Vehicle Stock Travel, and Fuel Forecast*. Available at <u>http://www.dot.ca.gov/hq/tsip/smb/mvstaff.html</u>. Accessed July 2010. Sacramento, CA. Updated June 2009.



- California Employment Development Department (CEDD). 2009. *Agricultural Employment in California San Joaquin Region.* Available at <u>http://www.labormarketinfo.edd.ca.gov/?PAGEID=158</u>. Accessed October 17, 2010. Sacramento, CA.
- California Employment Development Department (CEDD). 2010a. *Employment by Industry Data Historical Annual Average Data, Merced MSA.* Available at <a href="http://www.labormarketinfo.edd.ca.gov/?pageid=166">http://www.labormarketinfo.edd.ca.gov/?pageid=166</a>. Accessed July 1, 2010. Sacramento, CA. June 18, 2010.
- California Employment Development Department (CEDD). 2010b. *Employment by Industry Data Historical Annual Average Data, Fresno MSA.* Available at <u>http://www.labormarketinfo.edd.ca.gov/?pageid=166</u>. Accessed June 1, 2010. Sacramento, CA. May 21, 2010.
- California Employment Development Department (CEDD). 2010c. *Employment by Industry Data Current Month Employment May 2010 Preliminary*. Available at <a href="http://www.labormarketinfo.edd.ca.gov/?pageid=166">http://www.labormarketinfo.edd.ca.gov/?pageid=166</a>. Accessed June 24, 2010. Sacramento, CA.
- California High-Speed Rail Authority (Authority). 2010. *Bay Area to Central Valley High-Speed Train (HST) Revised Final Program Environmental Impact Report (EIR).* Available at http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx. Sacramento, CA. August 2010.
- California High-Speed Rail Authority (Authority). 2012. Bay Area to Central Valley High-Speed Train (HST) Partially Revised Final Program Environmental Impact Report (EIR). Sacramento, CA. April 2012.

California High-Speed Rail Authority and 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*. Available at <u>http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx</u>. Sacramento, CA, and Washington, DC. August 2005.

- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2008. *Final Bay Area to Central Valley High-Speed Train (HST) Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS)*. Available at <a href="http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx">http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx</a>. Sacramento, CA, and Washington, DC. May 2008, Revised 2010.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011. *California High-Speed Train Ridership and Revenue Model: Development, Application, and Project-Level EIR/EIS Forecasts. Statewide Multi-Model Travel Demand Model Development and Application.* Prepared by Parsons Brinckerhoff and Cambridge Systematics, Inc. Sacramento, CA. June 2011.
- California Highway Patrol. 2008a. *2008 California Quick Collision Facts*. Available at <u>http://www.chp.ca.gov/switrs/</u>. Accessed August 3, 2009. Sacramento, CA.
- California Highway Patrol. 2008b. *2008 Annual Report of Fatal and Injury Motor Vehicle Traffic Collisions.* Available at <u>http://www.chp.ca.gov/switrs/</u>. Accessed October 22, 2010. Sacramento, CA.
- Cambridge Systematics, Inc. 2007. *Bay Area/ California High-Speed Rail Ridership and Revenue Forecasting Study. Final Report.* Prepared for Metropolitan Transportation Commission and California High-Speed Rail Authority. Oakland, CA. July 2007.
- City of Merced. 2007. *Merced Municipal Airport Master Plan, Final Report*. Prepared by DMJM Aviation and AECOM Orange, CA, and Merced, CA. September 2007.



- Council of Fresno County Governments (Fresno COG). 2007. 2007 *Regional Transportation Plan The Long Range Transportation Vision for the Fresno County Region for the Years 2007 to 2030.* Available at http://www.fresnocog.org/document.php?pid=272. Accessed July 2010. Fresno, CA.
- Council of Fresno County Governments (Fresno COG). 2010a. *2011 Regional Transportation Plan Longrange Transportation Vision for the Fresno County Region for the Years 2010 to 2035*. Adopted July 29, 2010. Available at http://www.fresnocog.org/rtp. Accessed October 17, 2010. Fresno, CA.
- Council of Fresno County Governments (Fresno COG). 2010b. *Draft Fresno Freight Rail Realignment Study*. Fresno, CA. January 2010.

Elliott. 2010. Information Regarding Flight Delays at Merced Regional Airport/Macready Field. Merced, CA.

- Federal Aviation Administration (FAA). 2009. Passenger Boarding (Enplanement) and All-Cargo Data for U.S. Airports. Available at <u>http://www.faa.gov/airports/planning\_capacity/passenger\_allcargo\_stats/passenger/index.cfm?y</u> <u>ear=2009</u>. Accessed July 2010. Washington, DC.
- Federal Aviation Administration (FAA). 2010. *FAA-APO Terminal Area Forecast Summary*. Available at <u>http://www.apo.data.faa.gov/main/taf.asp</u>. Washington, DC.
- Federal Railroad Administration (FRA). 2009. *Vision for High-Speed Rail in America*. Available at <a href="http://www.fra.dot.gov/Downloads/Final%20FRA%20HSR%20Strat%20Plan.pdf">http://www.fra.dot.gov/Downloads/Final%20FRA%20HSR%20Strat%20Plan.pdf</a>. Washington, DC. April 2009.
- Google Maps. 2010. Driving directions from Fresno, CA to San Francisco, CA, and from Fresno, CA, to Los Angeles, CA. Available at <u>http://maps.google.com/maps?rls=com.microsoft:\*&oe=UTF-</u><u>&&startIndex=&startPage=1</u>. Accessed September 10, 2010.
- Great Lakes Airlines. 2010. *Book A Flight*. Roundtrip airfares between Merced, CA and Las Vegas, NV. Available at <u>http://flymercedairport.com/travel.shtml</u>. Merced, CA.
- Hatfield, Larry D. 2002. "Deadly 90-car pileup: At least 2 killed, dozens injured on foggy highway south of Fresno." The San Francisco Chronicle. Available at <u>http://www.sfgate.com/cgibin/article.cgi?f=/c/a/2002/02/05/MN230006.DTL</u>. Accessed January 28, 2011. Fresno, CA. February 5, 2002.
- Johnson, Charles B. Jr. 2012. Chief, Land Resources Branch, U.S. Bureau of Reclamation, Sacramento, CA regarding formalization of its role as a cooperating agency, to Melissa DuMond/Federal Railroad Administration. January 25, 2012.
- Madera County Transportation Commission (MCTC). 2007. *Madera County 2007 Regional Transportation Plan*. Available at <u>http://www.maderactc.org/public.html</u>. Madera, CA. May 2007.
- Madera County Transportation Commission (MCTC). 2010. *Madera County 2011 Regional Transportation Plan*. Adopted July 21, 2010. Available at <u>http://www.maderactc.org/public.html</u>. Accessed October 17, 2010. Madera, CA.
- Mays, John. 2008. "*Runway Plan Dies Hopefully For Good."* San Mateo Daily Journal. San Mateo, CA. February 29, 2008.
- Merced County Association of Governments (MCAG). 2007. *2007 Regional Transportation Plan for Merced County*. Merced, CA. May 2007.
- Merced County Association of Governments (MCAG). 2009a. *Merced County Goods Movement Report, Draft*. Merced, CA. November 2009.



- Merced County Association of Governments (MCAG). 2009b. *San Joaquin Valley Express Transit Study, Final Report*. Prepared by Nelson/Nygaard Consulting Associates. Merced, CA. May 2009.
- Merced County Association of Governments (MCAG). 2010. *2011 Regional Transportation Plan for Merced County*. Adopted July 15, 2010. Available at <u>http://www.mcagov.org/</u>. Accessed October 17, 2010. Merced, CA.
- Merced Municipal Airport/Macready Field. 2010. *Announcements from web site home page*. Available at <u>http://flymercedairport.com/news.shtml</u>. Accessed July 26, 2010. Merced, CA.
- National Oceanic and Atmospheric Administration (NOAA). No date. "*When Fog Appears.*" Available at <u>http://www.wrh.noaa.gov/hnx/brochures/fernando.pdf</u>. Accessed October 4, 2010. Hanford, CA.
- National Weather Service. 2010. *Fog Season*. Available at <u>http://www.wrh.noaa.gov/hnx/newslet/winter00/fogseason.htm.</u> Accessed October 22, 2010. San Joaquin Valley, CA.
- Regional Airport Planning Committee. 2009. *Regional Airport System Planning Analysis 2011 Update Volume 2: Major Airports.* Available at <u>http://www.regionalairportstudy.com/library/RASPA-2011 update/Volume 2-Major Reports.pdf</u>. Oakland, CA. August 27, 2009.
- Research and Innovative Technology Administration/Bureau of Transportation Statistics. 2009. *T-100 Domestic Segment Data (World Area Code) - U.S. Air Carriers Traffic and Capacity Data:* CD. Washington, DC. May 2009.
- San Joaquin Valley Regional Planning Agencies Policy Council. 2008. *San Joaquin Valley Regional Goods Movement Action Plan. Draft.* Available at <u>http://www.sjvcogs.org/goods.html</u>. Sacramento, CA.
- San Joaquin Valley Regional Planning Agencies Policy Council. 2009. *San Joaquin Valley Blueprint*. Brochure. Available at <u>http://www.fresnocog.org/document.php?pid=187</u>. Accessed March 2010. Fresno, CA. July 2009.
- SH&E. 2009. "*Alternative Strategies for Accommodating Future Aviation Demand*." Presentation to the Regional Airport Planning Committee. New York, NY. November 20, 2009.

Thompson, Edward A. Jr. 2009. American Farmland Trust. Washington, DC. July 2009.

- United Airlines. 2010. United Airlines Round Trip Airfare. Available at <u>http://www.united.com/</u>. Chicago, IL. Accessed October 22, 2010. Chicago, IL.
- United Airlines. 2012. United Airlines Round Trip Airfare. Available at <u>http://www.united.com/</u>. Chicago, IL. Accessed January 2012. Chicago, IL.
- U.S. Census Bureau. 2010. American Fact Finder-Total Population 2010 Census Summary File 1 for Fresno County, and Sacramento County. Accessed March 26, 2012. Washington, DC.
- U.S. Department of Agriculture. 2007. *2007 Census of Agriculture State Data: California*. Tables 9 and 10. Available at <u>http://www.agcensus.usda.gov/Publications/2007/Full Report/index.asp</u>. Accessed September 1, 2010. Washington, DC.
- U.S. Department of Agriculture, Economic Research Service. 2002. *California Farm and Farm-related Employment, 2002.* Washington, DC.
- U.S. Department of Commerce. 2010. *Regional Economic Information System (REIS) Regional Accounts Data, Local Area Personal Income*. Table CA 05 Personal Income and Employment Summary. Available at <a href="http://www.bea.gov/regional/reis/">http://www.bea.gov/regional/reis/</a>. Accessed July 1, 2010. Washington, DC.



U.S. Department of Transportation. 2003. *Air Travel Consumer Report*. Prepared by the Office of Aviation Enforcement and Proceedings, Aviation Consumer Protection Division. Washington, DC. December 2003.

## **Chapter 2.0 Alternatives**

- Amtrak. 2008. Amtrak Annual Report, October 2007-September 2008. Available at http://www.amtrak.com/servlet/ContentServer/Page/1241245669222/1237608345018. Accessed March 4, 2010.
- Amtrak. 2010. Amtrak Monthly Performance Report for December 2009. Available at <a href="http://www.amtrak.com/servlet/ContentServer/Page/1241245669222/1237608345018">http://www.amtrak.com/servlet/ContentServer/Page/1241245669222/1237608345018</a>. February 16, 2010.
- Bremner-Harrison, Samantha, Brian L. Cypher, Craig M. Fiehler, Anthony P. Clevenger, and David Hacker. 2007. Use of Highway Crossing Structures by Kit Foxes. Prepared for the California Department of Transportation. California State University, Stanislaus. August 2007.
- Bureau of Transportation Statistics. 2010. *The Nation's Freight*. Available at <a href="http://www.bts.gov/publications/freight\_in\_america/html/nations\_freight.html">http://www.bts.gov/publications/freight\_in\_america/html/nations\_freight.html</a>. Accessed October 22, 2010. Research and Innovative Technology Administration, Bureau of Transportation Statistics. Washington, DC.
- California Department of Finance (CDOF). 2010. *E-5 Population and Housing Estimates for Cities, Counties and the State, 2001-2010, with 2000 Benchmark.* California Department of Transportation (Caltrans). Sacramento, CA.
- California Department of Transportation (Caltrans). 2008a. *California State Rail Plan 2007-08 to 2017-18*. Sacramento, CA. March 2008.
- California Department of Transportation (Caltrans). 2008b. *San Joaquin Corridor Strategic Plan*. Available at <u>http://149.136.20.80/rail/dor/assets/File/Report Files/DRAFT Report Template 011008.pdf</u>. Accessed January 2010. Sacramento, CA. January 2008.
- California Department of Transportation (Caltrans). 2009a. *2008 California Motor Vehicle Stock Travel and Fuel Forecast*. Prepared by Division of Transportation System Information, Office of Travel Forecasting and Analysis. Sacramento, CA. June 2009.
- California Department of Transportation (Caltrans). 2009b. *Route 99 Corridor Updated Business Plan Volume I.* Available at <u>http://www.dot.ca.gov/dist6/99masterplan/</u>. Prepared by Caltrans Districts 6 and 10. Accessed July 2010. Sacramento, CA. September 2009.
- California High-Speed Rail Authority (Authority). 2008. *TM 2.2.4. Station Platform Geometric Design*. Available at <u>http://www.cahighspeedrail.ca.gov/</u>. Sacramento, CA.
- California High-Speed Rail Authority (Authority). 2009a. *TM 2.2.2. Station Program Design Guidelines*. Available at <u>http://www.cahighspeedrail.ca.gov/</u>. Sacramento, CA.
- California High-Speed Rail Authority (Authority). 2009b. *Alternatives Analysis Methods for Project EIR/EIS, Version 2.* Available at <u>http://www.cahighspeedrail.ca.gov/Project Level Environmental Engineering Guidelines.aspx</u>. Sacramento, CA. September 2009.
- California High-Speed Rail Authority (Authority). 2009c. *TM 5.1. Terminal and Heavy Maintenance Facility Guidelines.* Available at <u>http://www.cahighspeedrail.ca.gov/</u>. Sacramento, CA. August 25, 2009.



- California High-Speed Rail Authority (Authority). 2009d. *TM 5.3. Summary Description of Requirements* and Guidelines for: Heavy Maintenance Facility (HMF) Terminal Layup/Storage & Maintenance Facilities & Right-of-Way Maintenance Facilities. Available at <u>http://www.cahighspeedrail.ca.gov/</u>. Sacramento, CA. August 25, 2009.
- California High-Speed Rail Authority, U.S. Department of Transportation, Federal Railroad Administration, U.S. Environmental Protection Agency, and U.S. Army Corps of Engineers. 2010. *National Environmental Policy Act/Section 404/408 Integration Process Memorandum of Understanding.* Sacramento, CA.
- California High-Speed Rail Authority (Authority). 2012a. Standard Agreement Between the California High-Speed Rail Authority and the City of Fresno – Station Area Planning Project. Agreement Number HSR11-09. Sacramento, CA. January 20, 2012.
- California High-Speed Rail Authority (Authority). 2012b. Notice to Proceed for the Station Area Planning Project HSR11-09. Letter from John Mason, Senior Transportation Planner, California High-Speed Rail Authority, to Mark Scott, City Manager, City of Fresno. Sacramento, CA. January 26, 2012.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2010a. *Preliminary Alternatives Analysis Report, Merced to Fresno Section High-speed Train Project EIR/EIS.* Available at <u>http://www.cahighspeedrail.ca.gov/lib\_Merced\_Fresno.aspx</u>. Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. April 7, 2010.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2010b. *Supplemental Alternatives Analysis Report, Merced to Fresno Section High-speed Train Project EIR/EIS.* Available at <u>http://www.cahighspeedrail.ca.gov/lib\_Merced\_Fresno.aspx</u>. Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. August 5, 2010.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011a. *California High-Speed Train Ridership and Revenue Model: Development, Application, and Project-Level EIR/EIS Forecasts. Statewide Multi-Model Travel Demand Model Development and Application.* Prepared by Parsons Brinckerhoff and Cambridge Systematics, Inc. Sacramento, CA. June 2011.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011b. *Supplemental Alternatives Analysis Report, San Jose to Merced Section High-speed Train Project EIR/EIS.* Available at <u>http://www.cahighspeedrail.ca.gov/Lib\_San\_Jose\_Merced.aspx</u>. Sacramento, CA, and Washington, DC. July 2011.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011c. *Draft Checkpoint B Summary Report*. Sacramento, CA, and Washington, DC. April 22, 2011.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011d. *Operations and Service Plan*. Sacramento, CA.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012a. *Checkpoint C Summary Report, Merced to Fresno Section California High-Speed Train Project*. Sacramento, CA and Washington, DC. February 2012.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012b. *Transportation Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. Publication pending 2012.



- California High-Speed Rail Authority, Federal Railroad Administration, U.S. Housing and Urban Development, Federal Transit Administration and U.S. Environmental Protection Agency. 2011. *Memorandum of Understanding for Achieving an Environmentally Sustainable High-Speed Train System in California*. Sacramento, CA and Washington, DC. July 2011.
- Cambridge Systematics, Inc. 2003. *Economic Growth Effects of the System Alternatives for the Program EIR/EIS. Final Report.* Oakland, CA. July 2003.
- Cambridge Systematics, Inc. 2007. *Economic Growth Effects Analysis for the Bay Area to Central Valley Program-Level Environmental impact Report and Tier 1 Environmental Impact Statement.* Final Report. July 2007.
- Cambridge Systematics. 2010. *California High Speed Rail County-Level Growth Inducement Projections*. *Developed for use in regional environmental studies*. Oakland, CA. July 2010.
- Colorado Department of Transportation (CDOT). 2009. *U.S. 36 Corridor Final Environmental Impact Statement/Final Section 4(f) Evaluation*. Section 4.23 Cumulative Impacts. Available at <a href="http://www.coloradodot.info/projects/us36eis/documents">http://www.coloradodot.info/projects/us36eis/documents</a>. Denver, CO. October 2009.
- Council of Fresno County Governments (Fresno COG). 2010. *2011 Regional Transportation Plan Long Range Transportation Vision for the Fresno County Region for the Years 2010 to 2035*. Adopted July 29, 2010. Available at http://www.fresnocog.org/rtp. Fresno, CA.
- Federal Aviation Administration (FAA). 2010. *FAA Annual Passenger Boarding Data*. Available at <a href="http://www.faa.gov/airports/planning\_capacity/passenger\_allcargo\_stats/passenger/index.cfm?year=all">http://www.faa.gov/airports/planning\_capacity/passenger\_allcargo\_stats/passenger/index.cfm?year=all</a>. Washington, DC.
- Federal Railroad Administration (FRA), Office of Safety. 2010. *Office of Safety Analysis Home Page*. Available at <u>http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/crossing/xingqryloc.aspx</u>. Accessed October 25, 2010. Washington, DC.
- Kopshever, Jim. 2011. E-mail from Jim Kopshever, Harris-DeJager site property owner, to Peter Valentine, regarding withdrawal of site from consideration for use as an HMF, October 27, 2011.
- Madera County Transportation Commission (MCTC). 2007. *Madera County 2007 Regional Transportation Plan.* Available at <u>http://www.maderactc.org/public.html</u>. Madera, CA. May 2007.
- Madera County Transportation Commission (MCTC). 2010. *Madera County 2011 Regional Transportation Plan.* Adopted July 21, 2010. Available at <u>http://www.maderactc.org/public.html</u>. Accessed October 17, 2010. Madera, CA.
- Merced County Association of Governments (MCAG). 2009. Goods Movement Report. Merced, CA.
- Navigant Consulting, Inc. 2008. *The Use of Renewable Energy Sources to Provide Power to California's High Speed Rail*. Presented to California High-Speed Rail Authority. Rancho Cordova, CA. September 3, 2008.
- Sulouff, D.H. 2011. Chief, Bridge Section, U.S. Coast Guard Island, Alameda, California. Memorandum regarding California High-Speed Rail Project, Merced to Bakersfield Section. Alameda, CA, to US Department of Transportation, and Federal Railroad Administration, Attention David Valenstein. June 21, 2011.
- University of California. 2009. *UC Merced Tomorrow: 2009 Final Long Range Development Plan.* Available at <u>http://lrdp.ucmerced.edu/2.asp?uc=1&lvl2=49&contentid=50</u>. Updated March 23, 2009. Accessed October 28, 2010. University of California Merced Campus, Merced, CA.

U.S. Department

of Transportation Federal Railroad

Administration



- U.S. Army Corps of Engineers (USACE). 2012. Response to February 22, 2012 Checkpoint C Package, and the March 9, 2012 response for the proposed Merced to Fresno segment of the California High-Speed Train Project. Letter from Michael S. Jewell, Chief, Regulatory Division to Mark McLoughlin, California High-Speed Rail Authority. Sacramento, CA. March 26, 2012.
- U.S. Census Bureau. 2011. 2010 American Community Survey 1-year estimates. Available at http://factfinder2.census.gov/faces/nav/isf/pages/index.xhtml. Accessed December 2011. Washington, DC.
- U.S. Environmental Protection Agency (EPA). 2012. Response to Checkpoint C Request for Agreement on Preliminary Least Environmentally Damaging Practicable Alternative and Draft Mitigation Plan for California High-Speed Rail Project Merced to Fresno Section. Letter from Connell Dunning, Transportation Team Supervisor, Environmental Review Office, Communities and Ecosystems Division, to David Valenstein, Federal Railroad Administration, and Tom Fellenz, California High-Speed Rail Authority. San Francisco, CA. March 23, 2012.

#### Chapter 3.0 Affected Environment, Environmental Consequences, and **Mitigation Measure**

## 3.1 Introduction to Chapter 3

No references.

# **3.2 Transportation**

- Bureau of Transportation Statistics, Research and Innovative Technology Administration. 2010. Table 1-49: U.S. Ton Miles of Freight. Washington, DC.
- California Department of Transportation (Caltrans). 2008. California State Rail Plan 2007-08 to 2017-18. Sacramento, CA. March 2008.
- California Department of Transportation (Caltrans). 2009. Route 99 Corridor Updated Business Plan Volume I. Available at http://www.dot.ca.gov/dist6/99masterplan/. Prepared by Caltrans Districts 6 and 10. Sacramento, CA. September 2009.
- California High-Speed Rail Authority (Authority). 2010a. Traffic Impact Analysis Guidelines. Sacramento, CA. September 2010.

California High-Speed Rail Authority (Authority). 2010b. Station Area Parking Guidance, Technical *Memorandum*. Available at http://www.cahighspeedrail.ca.gov/. Sacramento, CA. July 2010.

- California High-Speed Rail Authority and 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. Available at http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx. Sacramento, CA, and Washington, DC. August 2005.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011. California High-Speed Train Ridership and Revenue Model: Development, Application, and Project-Level EIR/EIS Forecasts. Statewide Multi-Model Travel Demand Model Development and Application. Prepared by Parsons Brinckerhoff and Cambridge Systematics, Inc. Sacramento, CA. June 2011.

California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012. Transportation Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section. Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. Publication pending 2012.



alifornia



- Cambridge Systematics, Inc. 2007. *Bay Area/ California High-Speed Rail Ridership and Revenue Forecasting Study. Final Report.* Prepared for Metropolitan Transportation Commission and California High-Speed Rail Authority. Oakland, CA. July 2007.
- Capitol Corridor Joint Powers Authority (CCJPA). 2010. "*Capitol Corridor Announces Steady Ridership thanks to Successful Promotions and Stellar On Time Performance.*" Available at <a href="http://www.amtrakcapitols.com/news/press/">http://www.amtrakcapitols.com/news/press/</a>. Accessed November 12, 2010. Oakland, CA. October 13, 2010.
- City of Chowchilla. 2009. *City of Chowchilla 2040 General Plan Update, Public Review Draft*. Available at <a href="http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen%20plan">http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen%20plan</a>. Prepared by Valley Planning Consultants Inc. (VPC). Accessed July 2010. Chowchilla, CA. October 5, 2009.
- City of Fresno. 2002. *2025 Fresno General Plan and Related Draft Environmental Impact Report No. 10130.* Available at <u>http://www.fresno.gov/Government/DepartmentDirectory/PlanningandDevelopment/Planning/20</u> <u>25FresnoGeneralPlan.htm</u>. Prepared by City of Fresno Planning & Development Department. Accessed July 2010. Fresno, CA. February 1, 2002.
- City of Fresno. 2010. *Bicycle, Pedestrian, & Trails Master Plan*. Available at <a href="http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d">http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d</a> <a href="http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d">http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d</a> <a href="http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d">http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d</a> <a href="http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d">http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d</a> <a href="http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d">http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d</a>
- City of Madera. 2009. *City of Madera General Plan Update and Environmental Impact Report, Public Review Draft*. Available at <u>http://maderageneralplan.com/library.html</u>. Prepared by City of Madera, and Pacific Municipal Consultants (PMC). Accessed July 2010. Madera, CA. April 29, 2009.
- City of Merced. 1997. *Merced Vision 2015 General Plan.* Adopted April 7, 1997. Available at <a href="http://www.cityofmerced.org/depts/cd/planning/merced-vision-2015\_general\_plan.asp">http://www.cityofmerced.org/depts/cd/planning/merced-vision-2015\_general\_plan.asp</a>. Prepared by City of Merced Development Services Department Future Planning Division. Accessed July 2010. Merced, CA.
- City of Sunnyvale. 2010. Sunnyvale West Neighborhood Association. v. City of Sunnyvale City Council. Court of Appeal, Sixth District, California. 2010 WL 5116526 (Cal.App. 6 Dist.). Sunnyvale, CA. December 16, 2010.
- Council of Fresno County Governments (Fresno COG). 2009. *2009 Fresno County Congestion Management Program, Council of Fresno County Governments*. Fresno, CA. October 2009.
- Council of Fresno County Governments (Fresno COG). 2010. 2011 Regional Transportation Plan Long Range Transportation Vision for the Fresno County Region for the Years 2010 to 2035. Adopted July 29 2010. Available at http://www.fresnocog.org/rtp. Fresno, CA.
- Hicks, Larry. 1994. "*Capital-Bay rail link may get a face lift.*" The Sacramento Bee, Metro Section. March 31, 1994.
- Madera County. 1995. *Madera County General Plan*. Adopted October 24, 1995. Available at <a href="http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html">http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html</a>. Accessed July 2010. Madera, CA.
- Madera County Transportation Commission. 2007. *Regional Transportation Plan, Madera County*. Madera, CA.
- Merced County. 1990. *Merced County Year 2000 General Plan*. Adopted December 4, 1990. Available at <a href="http://www.co.merced.ca.us/index.aspx?NID=436">http://www.co.merced.ca.us/index.aspx?NID=436</a>. Accessed July 2010. Merced, CA.



Merced County Association of Governments (MCAG). 2007. *Regional Transportation Plan for Merced County*. Update adopted May 2007. Merced, CA.

Merced County Association of Governments (MCAG). 2010. Goods Movement Report. Merced, CA.

Merced County Transit. 2008. *The Bus – Routes and System Map*. Available at <u>http://www.mercedthebus.com/</u>. Merced, CA.

Sulouff, D.H. 2011. Chief, Bridge Section, U.S. Coast Guard Island, Alameda California. Memorandum regarding California High-Speed Rail Project, Merced to Bakersfield Section. Alameda, CA, to US Department of Transportation, and Federal Railroad Administration, Attention David Valenstein. June 21, 2011.

Transportation Research Board. 2000. *Highway Capacity Manual.* Washington, DC.

#### **3.3 Air Quality and Global Climate Change**

- Barber, Dan. 2010. Air Quality Supervisor, San Joaquin Valley Air Pollution Control District (SJVAPCD), Personal communication via telephone regarding SJVAPCD approach to addressing GHG emissions in CEQA documents with Andrea White/CH2M HILL. December 29, 2010.
- Barber, Dan. 2011. Air Quality Supervisor, San Joaquin Valley Air Pollution Control District (SJVAPCD), Personal communication via telephone regarding PM2.5 significance threshold with Avanti Tamhane/URS. June 30, 2011.
- California Air Resources Board (CARB). 2004. *2004 Revision to the California State Implementation Plan for Carbon Monoxide*. Adopted July 22, 2004. Available at <u>http://www.arb.ca.gov/planning/sip/co/co.htm</u>. Accessed August 20, 2010. Sacramento, CA.

California Air Resources Board (CARB). 2005. *Air Quality and Land Use Handbook: A Community Health Perspective.* Prepared by California Environmental Protection Agency and CARB. Sacramento, CA. April 2005.

California Air Resources Board (CARB). 2006a. *EMission FACtors (EMFAC) 2007*. Available at <a href="http://www.arb.ca.gov/msei/onroad/latest\_version.htm">http://www.arb.ca.gov/msei/onroad/latest\_version.htm</a>. Sacramento, CA. November 2006.

California Air Resources Board (CARB). 2006b. *Off-Road Emissions Inventory (OFFROAD 2007)*. Available at <a href="http://www.arb.ca.gov/msei/offroad/offroad.htm">http://www.arb.ca.gov/msei/offroad/offroad.htm</a>. Sacramento, CA. December 15, 2006.

- California Air Resources Board (CARB). 2008. *Climate Change Scoping Plan, a framework for change. Pursuant to AB 32, the California Global Warming Solutions Act of 2006.* Available at <u>http://www.arb.ca.gov/cc/scopingplan/document/adopted\_scoping\_plan.pdf</u>. Sacramento, CA. December 2008.
- California Air Resources Board (CARB). 2009a. *Area Designations Maps for National Ambient Air Quality Standards.* Available at <u>http://www.arb.ca.gov/desig/adm/adm.htm</u>. Accessed January 21, 2010 Sacramento, CA. December 2009.
- California Air Resources Board (CARB). 2009b. *California Greenhouse Gas Inventory 2000 2006. Summary by IPCC category*. Available at <u>http://www.arb.ca.gov/cc/inventory/data/data.htm</u>. Accessed November 17, 2009. Sacramento, CA. March 13, 2009.
- California Air Resources Board (CARB). 2010. *Air Quality Data Statistics; Highest 4 Daily Maximum Data*. Available at <u>http://www.arb.ca.gov/adam/welcome.html</u>. Accessed December 20, 2010. Sacramento, CA.

U.S. Department

of Transportation Federal Railroad

Administration



California Air Resources Board (CARB). 2011a. "*Organic Chemical Profiles for Source Categories.*" Available at <u>http://www.arb.ca.gov/ei/speciate/dnldopt.htm</u>. Accessed May 2011. Sacramento, CA.

California Air Resources Board (CARB). 2011b. "*PM Speciation Profile for Source Categories.*" Available at <a href="http://www.arb.ca.gov/ei/speciate/dnldopt.htm">http://www.arb.ca.gov/ei/speciate/dnldopt.htm</a>. Accessed May 2011. Sacramento, CA.

California Air Resources Board (CARB). 2012. *California Ambient Air Quality Standards (CAAQS).* Available at <a href="http://www.arb.ca.gov/research/aaqs/aaqs2.pdf">http://www.arb.ca.gov/research/aaqs/aaqs2.pdf</a>. Sacramento, CA. February 7, 2012.

California Department of Conservation, Division of Mines and Geology (CDMG). 2000. A General Location Guide for Ultramafic Rocks in California—Areas More Likely to Contain Naturally Occurring Asbestos. Sacramento, CA. August 2000.

California Department of Transportation (Caltrans). 1989. CAlifornia LINE Source Dispersion Model, Version 4 (CALINE4). Available at <u>http://www.dot.ca.gov/hq/env/air/pages/calinesw.htm</u>. Accessed October 1, 2010. Sacramento, CA. June 1989.

California Department of Transportation (Caltrans). 1997. *Transportation Project-Level Carbon Monoxide Protocol.* Prepared by University of California, Davis. Sacramento, CA. Revised December 1997.

- California Environmental Protection Agency (Cal-EPA). 2003. *The Air Toxics Hot Spots Program Guidance Manual for Preparation of Health Risk Assessments*. Office of Environmental Health Hazard Assessment. Oakland, CA. August 2003.
- California Environmental Protection Agency (Cal-EPA). 2010. *Climate Action Team Biennial Report*. Sacramento, CA. December 2010.

California High-Speed Rail Authority and 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*. Available at <a href="http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx">http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx</a>. Sacramento, CA, and Washington, DC. August 2005.

California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011. Draft Air Quality Technical Report, Draft California High-Speed Train Project EIR/EIS, Fresno to Bakersfield Section. Sacramento, CA, and Washington, DC. 2011.

California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012a. *Air Quality Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. Publication pending 2012.

California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011b. Draft Air Quality Technical Report, Draft California High-Speed Train Project EIR/EIS, Fresno to Bakersfield Section. Sacramento, CA, and Washington, DC. 2011.

Council on Environmental Quality (CEQ). 2010. *Draft NEPA Guidance on Consideration of the Effects of Climate Change and GHG Emissions*. Washington, DC. February 18, 2010.

Council of Fresno County Governments (Fresno COG). 2010. *Final 2011 Fresno Forward Regional Transportation Plan*. Available at <u>http://www.fresnocog.org/document.php?hwn=272</u>. Accessed October 14, 2010. Fresno, CA. July 29, 2010.

Dowling Associates, Inc. 2008. *Traffix 8.0*. Available at <u>http://www.traffixonline.com/info/index.html</u>. Oakland, CA.



- Federal Aviation Administration (FAA). 2009. *Emission and Dispersion Modeling System (EDMS).* Version 5.1.2. Washington, DC.
- Federal Highway Administration (FHWA). 2006. *Memorandum: Interim Guidance on Air Toxic Analysis in NEPA Documents*. Washington, DC. February 3, 2006.
- Federal Highway Administration (FHWA). 2009. Memorandum: Interim Guidance Update on Mobile Source Air Toxic Analysis in NEPA Documents. Available at <u>http://www.fhwa.dot.gov/environment/airtoxic/100109guidmem.htm</u>. Washington, DC. September 30, 2009.
- Federal Highway Administration (FHWA). 2010. A Methodology for Evaluating Mobile Source Air Toxic Emissions Among Transportation Project Alternatives. Abstract. Available at <u>http://www.fhwa.dot.gov/environment/airtoxic/msatcompare/msatemissions.htm</u>. Accessed August 2, 2010. Washington, DC. Updated May 6, 2010.
- Ghearing, Rod. 2010. Transportation Manager, County of Merced Department of Public Works, Personal communication regarding transit fuels with Jodi Ketelsen/CH2M HILL. Merced, CA. October 12, 2010.
- Intergovernmental Panel on Climate Change (IPCC). 1997. *Stabilization of Atmospheric Greenhouse Gases: Physical, Biological, and Socio-Economic Implications*. IPCC Technical Paper III. Geneva, Switzerland. February 1997.
- Madera County Transportation Commission (MCTC). 2010. *Madera County Transportation Commission (MCTC)*. Available at <u>http://www.maderactc.com/.</u> Accessed March 1, 2010. Madera, CA.
- Merced County Association of Governments (MCAG). 2010. *Programs and Projects: Transportation Planning*. Available at <u>http://www.mcagov.org/programs/trans/trans.html</u>. Accessed March 1, 2010. Merced, CA.
- Sacramento Metropolitan Air Quality Management District (SMAQMD). 2009. *Roadway Construction Emissions Model, CEQA Tools*. Available at <u>http://www.airquality.org/ceqa/index.shtml</u>. Accessed July 21, 2010. Sacramento, CA.
- San Joaquin Valley Air Pollution Control District (SJVAPCD). 2002. *Guide for Assessing and Mitigating Air Quality Impacts.* Adopted August 20, 1998. Fresno, CA. Revised January 10, 2002.
- San Joaquin Valley Air Pollution Control District (SJVAPCD). 2007a. 2007 Ozone Plan. Available at <u>http://www.valleyair.org/Air Quality Plans/AQ Final Adopted Ozone2007.htm</u>. Accessed January 25, 2010. Fresno, CA. April 30, 2007.
- San Joaquin Valley Air Pollution Control District (SJVAPCD). 2007b. Particulate Matter Plans, 2007 PM<sub>10</sub> Maintenance Plan and Request for Redesignation. Available at <u>http://www.valleyair.org/Air\_Quality\_Plans/docs/Maintenance%20Plan10-25-07.pdf</u>. Accessed October 27, 2009. Fresno, CA. September 20, 2007.
- San Joaquin Valley Air Pollution Control District (SJVAPCD). 2008. *Particulate Matter Plans, 2008 PM2.5 Plan.* Adopted April 30, 2008. Available at <u>http://www.valleyair.org/air quality plans/AQ Final Adopted PM25 2008.htm</u>. Accessed October 27, 2009. Fresno, CA.
- San Joaquin Valley Air Pollution Control District (SJVAPCD). 2009a. *Frequently Asked Questions*. Available at <u>http://www.valleyair.org/General info/Frequently Asked Questions.htm#</u> <u>About/20The/20Air/20Pollution/20Problem</u>. Accessed November 17, 2009. Fresno, CA.



- San Joaquin Valley Air Pollution Control District (SJVAPCD). 2009b. *Final Staff Report. Addressing Greenhouse Gas Emissions Impacts under the California Environmental Quality Act.* Fresno, CA. December 17, 2009.
- San Joaquin Valley Air Pollution Control District (SJVAPCD). 2010a. *Ambient Air Quality Standards & Valley Attainment Status*. Available at <u>http://www.valleyair.org/aqinfo/attainment.htm</u>. Accessed July 20, 2010. Fresno, CA.
- San Joaquin Valley Air Pollution Control District (SJVAPCD). 2010b. *Ozone Plans.* Available at <a href="http://www.valleyair.org/Air\_Quality\_Plans/Ozone\_Plans.htm">http://www.valleyair.org/Air\_Quality\_Plans/Ozone\_Plans.htm</a>. Accessed January 25, 2010. Fresno, CA.
- San Joaquin Valley Air Pollution Control District (SJVAPCD). 2011. Emission Reduction Incentive Program. Available at <u>www.valleyair.org/Grant\_Programs/GrantPrograms.htm</u>. Fresno, CA.
- Santa Barbara County Air Pollution Control District. 1997. *Technical Information and References Construction Equipment Emission Factors. Table 2 – Construction Equipment Controlled Emission Factors.* Santa Barbara, CA.
- Santa Barbara County Air Pollution Control District. 2009. *Technical Information and References Construction Equipment Emission Factors (APCD Form -24, 3/31/97). Table 2 – Construction Equipment Controlled Emission Factors*. Available at <u>http://www.sbcapcd.org/eng/tech/apcd-24.htm</u>. Accessed July 2011. Santa Barbara, CA.
- Shenson, David. 2010. Transportation Manager, County of Fresno Department of Public Works, Fresno, CA. E-mail communication regarding Natural Gas Buses with Jodi Ketelsen/CH2M HILL. October 13, 2010.
- South Coast Air Quality Management District (SCAQMD). 1993. *CEQA Air Quality Handbook*. Diamond Bar, CA.

Trafficware Ltd. 2004. Synchro6. Available at http://www.trafficwareinc.com/. Sugar Land, TX.

Urbemis Environmental Management Software. 2007. URBan EMISsions (URBEMIS) 2007. June 2007.

- U.S. Environmental Protection Agency (EPA). 1999. *Technology Transfer Network 1999 National Air Toxics Assessment (NATA)*. Available at <u>http://www.epa.gov/ttn/atw/nata1999/</u>. Washington, DC.
- U.S. Environmental Protection Agency (EPA). 2005a. *Approval and Promulgation of State Implementation Plans for Air Quality Planning Purposes; California - South Coast and Coachella*. Available at <u>http://www.epa.gov/fedrgstr/EPA-AIR/2005/November/Day-14/a22463.htm</u>. Accessed August 20, 2010. Washington, DC. July 28, 2005.
- U.S. Environmental Protection Agency (EPA). 2005b. *Emission Facts: Greenhouse Gas Emissions from a Typical Passenger Vehicle*. Available at <u>http://www.epa/gov/oms/climate/420f05004.htm</u>. Accessed October 25, 2010. Washington, DC. February 2005.
- U.S. Environmental Protection Agency (EPA). 2006a. *AERMOD Modeling System*. Available at <a href="http://www.epa.gov/scram001/dispersion\_prefrec.htm">http://www.epa.gov/scram001/dispersion\_prefrec.htm</a>. EPA Technology Transfer Network, Support Center for Regulatory Atmospheric Modeling. Washington, DC. December 9, 2006.
- U.S. Environmental Protection Agency (EPA). 2006b. *Emission Factors & AP42, Compilation of Air Pollutant Emission Factors, Chapter 11.12 Concrete Batching*. Washington, DC. June 2006.
- U.S. Environmental Protection Agency (EPA). 2006c. *MOBILE6 Vehicle Emission Modeling Software*. Available at <u>http://www.epa.gov/oms/m6.htm</u>. Accessed August 10, 2010. Washington, DC. Updated March 2006.



- U.S. Environmental Protection Agency (EPA). 2009. *Emission Factors for Locomotives*. Available at <u>http://www.epa.gov/nonroad/locomotv/420f09025.pdf</u>. Washington, DC. April 2009.
- U.S. Environmental Protection Agency (EPA). 2010a. *Endangerment and Cause or Contribute Findings for Greenhouse Gases under Section 202(a) of the Clean Air Act*. Available at <u>http://www.epa.gov/climatechange/endangerment.html.</u> Accessed August 20, 2010. Washington, DC. Updated July 29, 2010.
- U.S. Environmental Protection Agency (EPA). 2010b. *California Greenhouse Gas Waiver Request*. Available at <u>http://www.epa.gov/otaq/climate/ca-waiver.htm</u>. Accessed August 20, 2010. Washington, DC. Updated March 26, 2010.
  - U.S. Environmental Protection Agency (EPA). 2010c. *Transportation Conformity Guidance for Quantitative Hot-spot Analyses in PM*<sub>2.5</sub> and *PM*<sub>10</sub> Nonattainment and Maintenance Areas. Washington, DC. December 2010.
  - U.S. Environmental Protection Agency (EPA). 2010d. *The Green Book Nonattainment Areas for Criteria Pollutants.* Available at <u>http://epa.gov/airquality/greenbk/index.html</u>. Accessed July 30, 2010. Washington, DC.
  - U.S. Environmental Protection Agency (EPA). 2010e. *Monitor Values Report Criteria Pollutants*. Available at <u>http://www.epa.gov/air/data/monvals.html?st~CA~California</u>. Accessed December 20, 2010. Washington, DC. Updated December 17, 2010.
  - U.S. Environmental Protection Agency (EPA). 2011. *Integrated Risk Information System (IRIS)*. Available at <a href="http://www.epa.gov/ncea/iris/index.html">http://www.epa.gov/ncea/iris/index.html</a>. Accessed April 18, 2011. Washington, DC.
  - Watson, J.G., Desert Research Institute. 1996. Effectiveness Demonstration of Fugitive Dust Control Methods for Public Unpaved Roads and Unpaved Shoulders on Paved Roads. DRI Document No. 685-5200.1F2. Fresno, CA. August 2, 1996.
  - Western Regional Climate Center. 2009. *Historical Climate Information, Fresno, California, Normals, Means, and Extremes*. Available at <u>http://www.wrcc.dri.edu/cgi-bin/clilcd.pl?ca93193</u>. Accessed October 27, 2009. Fresno, CA.
  - Willis, Jessica. 2010. Air Quality Specialist, San Joaquin Valley Air Pollution Control District, Fresno, CA. Email communication regarding Significant Emission Thresholds with Cheri Velzy/URS Corporation. August 4, 2010.

#### 3.4 Noise and Vibration

- American Society for Testing and Materials International (ASTM). 2002. *Designation E 966-02 Standard Guide for Field Measurements of Airborn sound Insulation of Building Facades and Façade Elements.* West Conshohocken, PA.
- California Department of Transportation (Caltrans). 2009. *Route 99 Corridor Updated Business Plan Volume I.* Available at <u>http://www.dot.ca.gov/dist6/99masterplan/</u>. Prepared by Caltrans Districts 6 and 10. Sacramento, CA. September 2009.
- California High-Speed Rail Authority (Authority). 2009 *TM 1.1.21. Typical Cross Sections For 15% Design*. Available at <u>http://www.cahighspeedrail.ca.gov/</u>. Prepared by Parsons Brinckerhoff. Sacramento, CA. April 2009.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2010. *California High-Speed Train Project Fresno to Bakersfield Noise and Vibration Technical Report.* Sacramento, CA, and Washington, DC. Prepared by URS, HMMH, and Arup Joint Venture. May 2010.



- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012. *Noise* and Vibration Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section. Prepared by AECOM, CH2M HILL, and Harris Miller Miller & Hanson Inc. Sacramento, CA, and Washington, DC. Publication pending 2012.
- Federal Highway Administration (FHWA). 2010. *Highway Traffic Noise: Analysis and Abatement Guidance.* Washington, DC. June 2010.
- Federal Railroad Administration (FRA). 2005. *High-Speed Ground Transportation Noise and Vibration Impact Assessment*. Available at <u>http://www.fra.dot.gov/us/content/253</u>. U.S. Department of Transportation, Office of Railroad Development. Washington, DC. October 2005.
- Federal Railroad Administration (FRA), Office of Safety. 2010. *Office of Safety Analysis Home Page.* Available at <u>http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/crossing/xingqryloc.aspx</u>. Washington, DC.
- International Organization for Standardization (ISO). 1996. *ISO 9613-2. Attenuation of Sound During Propagation Outdoors – Part 2: General Method of Calculation*. New York, NY.
- U.S. Department of Transportation, Federal Transit Administration (FTA). 2006. *Transit Noise and Vibration Impact Assessment. FTA Guidance Manual.* Office of Planning and Environment. Available at <a href="http://www.fta.dot.gov/documents/FTA">http://www.fta.dot.gov/documents/FTA</a> Noise and Vibration Manual.pdf. Washington, DC. May 2006.

#### 3.5 Electromagnetic Fields and Electromagnetic Interference

- American Conference of Governmental Industrial Hygienists (ACGIH). 1996. *Threshold Limit Values for Chemical Substances and Physical Agents, Biological Exposure Indices.* Cincinnati, OH.
- Amstutz, Harold E., and David B. Miller. 1980. *A Study of Farm Animals Near 765 KV Transmission Lines*. The Bovine Practitioner – No. 15. November 1980.
- California High-Speed Rail Authority (Authority). 2010. *TM 3.4.11. Measurement Procedure for EIR Assessment of CHSTP Alignment EMI Footprint*. Available at <u>http://www.cahighspeedrail.ca.gov/</u>. Prepared by Parsons Brinckerhoff. Sacramento, CA. March 3, 2010.
- California High-Speed Rail Authority (Authority). 2011. *TM 300.07. California High-Speed Train Project EIR/EIS Assessment of CHST Alignment EMF Footprint Report (Footprint Report)*. Prepared by Turner Engineering Corporation. Sacramento, CA and Venice, CA. May 25, 2011.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2010. *Merced to Fresno Section Electromagnetic Fields (EMF) and Electromagnetic Interference (EMI) Footprint Measurement Report. Draft Technical Report.* Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. October 2010.
- Electric Power Research Institute (EPRI). 2001. *Technical Brief Electromagnetic Interference With Implanted Medical Devices*. Palo Alto CA. December 2001.
- Electric Power Research Institute (EPRI). 2005. EPRI *AC Transmission Line Reference Book—200 kV and Above, Third Edition, Technical Report 1011974. Section 12.3.* Palo Alto CA. December 2005.
- Electric Power Research Institute (EPRI). 2006. *Power System and Railroad Electromagnetic Compatibility* Handbook, Revised First Edition. Technical Report 1012652. Palo Alto CA. November 2006.
- Federal Railroad Administration (FRA). 2006. *EMF Monitoring on Amtrak's Northeast Corridor: Post-Electrification*. Department of Transportation. Washington, DC. October 2006.



- International Commission on Non-Ionizing Radiation Protection (ICNIRP). 1998. *ICNRIP Guidelines for Limiting Exposure to Time-Varying Electric, Magnetic and Electromagnetic Fields*. Published in Health Physics 74 (4):494-522;1998. Munich, Germany.
- LTK Engineering Services. 2006. *Sound Transit Link Light Rail Project North Link Hi-Lo Mitigation EMI Report*. Revision 1, April 2006.
- Mapcon Mapping, Ltd. 2007. *Aerial imagery of California South San Joaquin Project.* Flown February and March 2007 and photographed by using a Leica RC-30 camera. NAD 83, UTM Zone 10. September 17, 2007.
- Savitz, D.A., Howard Wachtel, Frank A. Barnes, Esther M. John, and Jiri G Tvrdik. 1988. "Case Control Study of Childhood Cancer and Exposure to 60 Hz Magnetic Fields." American Journal of Epidemiology, Vol. 128, pp. 21-38. Baltimore, MD.
- Severson, Richard K., Richard G. Stevens, William T. Kaune, David B. Thomas, Linda Heuser, Scott Davis, and Lowell E. Sever. 1988. "Acute Nonlymphocytic Leukemia and Residential Exposure to Power Frequency Magnetic Fields." American Journal of Epidemiology, Vol. 128, pp 10-20. Baltimore, MD.
- Turner Engineering. 2010. CHSTP Electromagnetic Control Program Plan (EMC Program Plan). Revision 1.1. Venice, CA. September 22, 2010.

## 3.6 Public Utilities and Energy

- AT&T Knowledge Ventures, LLP. 2007. *Telephone Exchange Areas of California, Map.* Prepared by GIS West. Reno, NV. March 2007.
- Bureau of Transportation Statistics. 2010. *Table 4-23: Average Fuel Efficiency of U.S. Passenger Cars and Light Trucks*. Available at <a href="http://www.bts.gov/publications/national\_transportation\_statistics/html/table\_04\_23.html">http://www.bts.gov/publications/national\_transportation\_statistics/html/table\_04\_23.html</a>. Accessed April 27, 2010. Washington, DC.
- California Air Resources Board (CARB). 2010. "*California Commits to More Clean Energy.*" Available at <a href="http://www.arb.ca.gov/newsrel/newsrelease.php?id=155">http://www.arb.ca.gov/newsrel/newsrelease.php?id=155</a>. Accessed March 9, 2011. Sacramento, CA.
- California Department of Resources Recycling and Recovery (CalRecycle). 2007. *Fresno County Jurisdictions with Construction and Demolition (C&D) Ordinances*. Available at <u>http://www.calrecycle.ca.gov/ConDemo/Ordinances/Jurisdiction/Fresno.htm</u>. Accessed September 19, 2010. Fresno, CA, and Sacramento, CA.
- California Department of Resources Recycling and Recovery (CalRecycle). 2010a. *California Estimated Statewide Diversion Rates since 1995 (per Resident).* Available at <u>http://www.calrecycle.ca.gov/</u> <u>lgcentral/GoalMeasure/DisposalRate/Graphs/EstDiversion.htm</u>. Accessed March 9, 2011. Sacramento, CA.
- California Department of Resources Recycling and Recovery (CalRecycle). 2010b. *Waste Disposal Rates for Business Types*. Available at <u>http://www.calrecycle.ca.gov/WasteChar/DispRate.htm.</u> <u>Accessed March 9</u>, 2011. Sacramento, CA.
- California Department of Resources Recycling and Recovery (CalRecycle). 2011a. *California Waste Stream Profiles: Facilities*. Available at <u>http://www.calrecycle.ca.gov/Profiles/Facility/Landfill/</u>. Accessed March 21, 2011. Sacramento, CA.

U.S. Department

of Transportation Federal Railroad

Administration



- California Department of Resources Recycling and Recovery (CalRecycle). 2011b. *California Waste Stream Profiles: Jurisdictions*. Available at <u>http://www.calrecycle.ca.gov/Profiles/Juris/</u>. Accessed March 21, 2011. Sacramento, CA.
- California Department of Toxic Substances (DTSC). 2007. "*Commercial Offsite Hazardous Waste Facilities.*" Available at <u>http://www.envirostor.dtsc.ca.gov/public/commercial offsite.asp</u>. Accessed October 26, 2010. Sacramento, CA.
- California Department of Transportation (Caltrans). 1997. *Policy on High and Low Risk Underground Facilities within Highway Rights of Way*. Sacramento, CA. January 1997.
- California Department of Water Resources. 2005. *California Water Plan Update 2005. Volume 3, Chapter 7 San Joaquin River Hydrologic Region*. Available at <a href="http://www.waterplan.water.ca.gov/previous/cwpu2005/index.cfm">http://www.waterplan.water.ca.gov/previous/cwpu2005/index.cfm</a>. Accessed July 26, 2010. Sacramento, CA. December 2005.
- California Energy Commission (CEC). 2000. *California Energy Demand 2000–2010. Technical Report to California Energy Outlook 2000 Docket #99-CEO-1*. Sacramento, CA. June 2000.
- California Energy Commission (CEC). 2001. *Base Case Forecast of California Transportation Energy Demand*. Sacramento, CA. December 2001.
- California Energy Commission (CEC). 2007a. 2007 *Integrated Energy Policy Report*. CEC-100-2007-008-CMF. Sacramento, CA.
- California Energy Commission (CEC). 2007b. *2007 Final Natural Gas Market Assessment*. CEC-200-2007-009-SF. Sacramento, CA. December 2007.
- California Energy Commission (CEC). 2009. *California's Major Sources of Energy*. Available at <a href="http://energyalmanac.ca.gov/overview/energy\_sources.html">http://energyalmanac.ca.gov/overview/energy\_sources.html</a>. Accessed November 24, 2009. Sacramento, CA. April 7, 2009.
- California Energy Commission (CEC). 2010a. *About PIER Environmental Area, Website*. Available at <a href="http://www.energy.ca.gov/research/environmental/about\_ea.html">http://www.energy.ca.gov/research/environmental/about\_ea.html</a>. Sacramento, CA. July 14, 2010.
- California Energy Commission (CEC). 2010b. *Summer 2010 Electricity Supply and Demand Outlook, Staff Report*. CEC-20-2010-003-SD. Sacramento, CA. May 2010.
- California High-Speed Rail Authority (Authority). 2008. *The Use of Renewable Energy Sources to Provide Power to California's High Speed Rail*. Prepared by Navigant Consulting, Inc. Rancho Cordova, CA. September 3, 2008.
- California High-Speed Rail Authority (Authority). 2009a. *TM 3.1.1.1. California High-Speed Train Project California Technical Memorandum Traction Power 2x25kV Autotransformer Electrification System and System Voltages.* Available at <u>http://www.cahighspeedrail.ca.gov/</u>. Sacramento, CA. May 26, 2009.
- California High-Speed Rail Authority (Authority). 2009b. *2009 Business Plan Report to the Legislature.* Sacramento, CA. December 2009.
- California High-Speed Rail Authority (Authority). 2010. *TM 2.6.5. Hydraulics and Hydrology Design Guidelines.* Available at <u>http://www.cahighspeedrail.ca.gov/</u>. Prepared by Parsons Brinckerhoff. Sacramento, CA. June 10, 2010.
- California High-Speed Rail Authority (Authority). 2011. *Final Draft Water Usage Analysis for CHST Merced to Fresno Section, Technical Memorandum*. Available at <u>http://www.cahighspeedrail.ca.gov/</u>. Sacramento, CA. April 14, 2011.



- California High-Speed Rail Authority and 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*. Available at <u>http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx</u>. Sacramento, CA, and Washington, DC. August 2005.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2008. *Final Bay Area to Central Valley High-Speed Train (HST) Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS)*. Available at <a href="http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx">http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx</a>. Sacramento, CA, and Washington, DC. May 2008, Revised 2010.
- California Integrated Waste Management Board (CIWMB). 2009a. *Active Landfills Profile for Billy Wright Disposal Site (24-AA-0002)*. Available at <u>http://www.ciwmb.ca.gov/Profiles/Facility/Landfill/LFProfile1.asp</u>. Accessed December 16, 2009. Sacramento, CA.
- California Integrated Waste Management Board (CIWMB). 2009b. *Active Landfills Profile for Highway 59 Disposal Site (24-AA-0001)*. Available at <u>http://www.ciwmb.ca.gov/Profiles/Facility/Landfill/</u> <u>LFProfile1.asp</u>. Accessed December 16, 2009. Sacramento, CA.
- California Integrated Waste Management Board (CIWMB). 2009c. *Active Landfills Profile for Fairmead Solid Waste Disposal Site (20-AA-0002)*. Available at <u>http://www.ciwmb.ca.gov/Profiles/Facility/Landfill/LFProfile1.asp</u>. Accessed December 16, 2009. Sacramento, CA.
- California Integrated Waste Management Board (CIWMB). 2009d. *Active Landfills Profile for American Avenue Disposal Site (10-AA-0009)*. Available at <u>http://www.ciwmb.ca.gov/Profiles/Facility</u> <u>/Landfill/LFProfile1.asp</u>. Accessed December 16, 2009. Sacramento, CA.
- City of Atwater. 2000. *City of Atwater General Plan.* Adopted July 24, 2000. Available at <a href="http://www.atwater.org/index.cfm?page=1320197">http://www.atwater.org/index.cfm?page=1320197</a>. Prepared by Pacific Municipal Consultants (PMC). Accessed July 2010. Atwater, CA.
- City of Atwater. 2009a. *Utility Services*. Available at <u>http://www.atwater.org/ index.cfm?page=383826</u>. Accessed December 21, 2009. Atwater, CA.
- City of Atwater. 2009b. *Storm Water Management Group*. Available at <u>http://www.atwater.org/index.cfm?page=232560</u>. Accessed December 21, 2009. Atwater, CA.
- City of Chowchilla. 2005a. *Water*. Available at <u>http://www.ci.chowchilla.ca.us/pubserv/water.htm</u>. Accessed December 21, 2009. Chowchilla, CA.
- City of Chowchilla. 2005b. *Waste Water*. Available at <a href="http://www.ci.chowchilla.ca.us/pubserv/wastewater.htm">http://www.ci.chowchilla.ca.us/pubserv/wastewater.htm</a>. Accessed December 21, 2009. Chowchilla, CA.
- City of Chowchilla. 2005c. *City Projects Update*. Available at <a href="http://www.ci.chowchilla.ca.us/pubserv/city\_projects.htm">http://www.ci.chowchilla.ca.us/pubserv/city\_projects.htm</a>. Accessed July 9, 2010. Chowchilla, CA.
- City of Chowchilla. 2005d. *Storm Water*. Available at <u>http://www.ci.chowchilla.ca.us/pubserv/stormwater.htm</u>. Accessed December 21, 2009. Chowchilla, CA.

City of Chowchilla. 2011. *City of Chowchilla 2040 General Plan*. Adopted May 2, 2011. Available at <a href="http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen">http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen</a> plan. Prepared by Valley Planning Consultants Inc. (VPC). Chowchilla, CA. May 2, 2011.



City of Fresno. 2002. 2025 Fresno General Plan and Related Draft Environmental Impact Report No. 10130. Available at

<u>http://www.fresno.gov/Government/DepartmentDirectory/PlanningandDevelopment/Planning/20</u> <u>25FresnoGeneralPlan.htm</u>. Prepared by City of Fresno Planning & Development Department. Accessed July 2010. Fresno, CA. February 1, 2002.

- City of Fresno. 2008. *City of Fresno Urban Water Management Plan, Chapter 6 Water Demand*. Prepared by West Yost Associates. Fresno, CA. August 2008.
- City of Fresno. 2009. *About Wastewater Management*. Available at <u>http://www.fresno.gov/Government/DepartmentDirectory/PublicUtilities/Wastewater/default.htm</u>. Accessed December 21, 2009. Fresno, CA.
- City of Fresno. 2010a. *Water Information and Quality*. Available at <a href="http://www.fresno.gov/Government/DepartmentDirectory/PublicUtilities/Watermanagement/Waterguality.htm">http://www.fresno.gov/Government/DepartmentDirectory/PublicUtilities/Watermanagement/Waterguality.htm</a>. Accessed January 25, 2010. Fresno, CA.
- City of Fresno. 2010b. *Fresno/Clovis Regional Wastewater Reclamation Facility Design Criteria.* Available at <a href="http://www.fresno.gov/Government/DepartmentDirectory/PublicUtilities/Wastewater/AboutWastewater/Wastewater/AboutWastewater/AboutWastewater/Wastewater/Interia.htm">http://www.fresno.gov/Government/DepartmentDirectory/PublicUtilities/Wastewater/AboutWastewater/AboutWastewater/AboutWastewater/AboutWastewater/Wastewater/AboutWastewater/AboutWastewater/AboutWastewater/Wastewater/Wastewater/AboutWastewater/Wastewater/AboutWastewater/AboutWastewater/AboutWastewater/AboutWastewater/AboutWastewater/AboutWastewater/AboutWastewater/AboutWastewater/AboutWastewater/Wastewater/AboutWastewat
- City of Fresno. 2010c. *American Avenue Landfill.* Available at <a href="http://www.fresno.gov/Government/DepartmentDirectory/PublicUtilities/SolidWaste/Additional+S">http://www.fresno.gov/Government/DepartmentDirectory/PublicUtilities/SolidWaste/Additional+S</a> <a href="http://www.fresno.gov/Government/DepartmentDirectory/PublicUtilities/SolidWaste/Additional+S">http://www.fresno.gov/Government/DepartmentDirectory/PublicUtilities/SolidWaste/Additional+S</a> <a href="http://www.fresno.gov/Government/DepartmentDirectory/PublicUtilities/SolidWaste/Additional+S">http://www.fresno.gov/Government/DepartmentDirectory/PublicUtilities/SolidWaste/Additional+S</a> <a href="http://www.fresno.gov/Government/DepartmentDirectory/PublicUtilities/SolidWaste/Additional+S">http://www.fresno.gov/Government/DepartmentDirectory/PublicUtilities/SolidWaste/Additional+S</a> <a href="http://www.fresno.gov/GovernmentDirectory/PublicUtilities/SolidWaste/Additional+S">http://www.fresno.gov/Government/DepartmentDirectory/PublicUtilities/SolidWaste/Additional+S</a>
- City of Fresno. 2010d. *Construction and Demolition.* Available at <a href="http://www.fresno.gov/Government/DepartmentDirectory/PublicUtilities/SolidWaste/Construction">http://www.fresno.gov/Government/DepartmentDirectory/PublicUtilities/SolidWaste/Construction</a> and Demolition.htm. Accessed October 19, 2010. Fresno, CA.
- City of Madera. 2004. *City of Madera Storm Water Quality Management Program*. Prepared by Harris and Associates. Fresno, CA. June 9, 2004.
- City of Madera. 2009. *City of Madera General Plan Update and Environmental Impact Report, Public Review Draft*. Available at <u>http://maderageneralplan.com/library.html</u>. Prepared by City of Madera and Pacific Municipal Consultants (PMC). Madera, CA. April 29, 2009.
- City of Madera. 2010. *The Wastewater Treatment Plant.* Available at <a href="http://www.cityofmadera.org/web/guest/waste-water-treatment">http://www.cityofmadera.org/web/guest/waste-water-treatment</a>. Accessed September 22, 2010. Madera, CA.
- City of Merced. 2011. *Urban Water Management Plan*. Prepared by Carollo Engineers, Inc. Merced, CA, and Fresno, CA. June 2011.
- City of Merced. 2012. *Merced Vision 2030 General Plan*. Adopted with resolutions January 3, 2012. Available at http://www.cityofmerced.org/depts/cd/planning/general\_plan\_update/default.asp. Merced, CA. July 2011, Adopted January 3, 2012.
- Electric Power Group, LLC. 2004. *California's Electricity Generation and Transmission Needs Under Alternative Scenarios*. Pasadena, California. March 2004.
- Fresno County. 2000. *Fresno County General Plan. General Plan Update.* Available at <u>http://www.co.fresno.ca.us/DepartmentPage.aspx?id= 19705&terms=general+plan</u>. Prepared by General Plan Consultant Team, Fresno County Staff. Fresno, CA. October 3, 2000.



- Fresno Metropolitan Flood Control District (FMFCD). 2004. *Flood Control System*. Available at <a href="http://www.fresnofloodcontrol.org/flood\_control\_system/index.html">http://www.fresnofloodcontrol.org/flood\_control\_system/index.html</a>. Accessed November 1, 2010. Fresno, CA.
- Kinder Morgan. 2009. *Products Pipelines—Pacific Operations SFPP*. Available at <a href="http://www.kindermorgan.com/business/products\_pipelines/sfpp.cfm">http://www.kindermorgan.com/business/products\_pipelines/sfpp.cfm</a>. Accessed December 16, 2009. Houston, TX.
- Le Grand. 1983. *Le Grand Community Specific Plan*. Prepared by Merced County Planning Department. Le Grand, CA. December 1983.
- Madera County. 1995. *Madera County General Plan*. Adopted October 24, 1995. Available at <a href="http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html">http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html</a>. Accessed July 2010. Madera, CA.
- Madera County. 2008. *Integrated Regional Water Management Plan. Volume I.* Available at <a href="http://www.madera-county.com/supervisors/pdf/IRWMP-Vol1.pdf">http://www.madera-county.com/supervisors/pdf/IRWMP-Vol1.pdf</a>. Prepared by Boyle Engineering Corporation. Accessed September 23, 2010. Madera, CA. April 2008.
- Madera County Local Agency Formation Commission (Madera County LAFCO). 2007. *Municipal Service Reviews, Eight Public Water Districts Madera County, Final Draft*. Prepared by Urban and Environmental Consulting. Madera, CA. October 2007.
- Merced County. 1990. *Merced County Year 2000 General Plan*. Adopted December 4, 1990. Available at <a href="http://www.co.merced.ca.us/index.aspx?NID=436">http://www.co.merced.ca.us/index.aspx?NID=436</a>. Accessed July 2010. Merced, CA.
- Merced County. 2008. County of Merced Notes to the Financial Statements. Merced, CA. June 30, 2008.
- Merced County. 2009. *Merced County General Plan Update: Qualitative Comparison of Water Supply and Demands in Merced County, Technical Memorandum.* Draft. Available at <a href="http://www.co.merced.ca.us/pdfs/gpu/documents\_maps/Supply\_and\_Demand\_TM\_drft\_1109.pd">http://www.co.merced.ca.us/pdfs/gpu/documents\_maps/Supply\_and\_Demand\_TM\_drft\_1109.pd</a> f. Prepared by Nolte. Accessed September 21, 2010. Merced, CA. November 2009.
- Merced County Local Agency Formation Commission (Merced County LAFCO). 2004. *City of Merced Municipal Service Review, Final Report.* Prepared by Economic & Planning Systems, Inc. Merced, CA. July 22, 2004.
- Sacramento Bee. 2009. "*Interactive Map: Water Use Per Capita in California.*" Available at <a href="http://www.sacbee.com/2008/11/26/1431106/interactive-map-water-use-per.html">http://www.sacbee.com/2008/11/26/1431106/interactive-map-water-use-per.html</a>. Accessed August 26, 2010. Sacramento, CA.
- Spriggs, William. 2011. Mayor, City of Merced. *Comment letter Merced to Fresno High Speed Rail Environmental Impact Report*. Merced, CA. October 12, 2011.
- U.S. Department of Energy (DOE). 2008. *Electric Power and Renewable Energy in California*. Available at <u>http://apps1.eere.energy.gov/states/electricity.cfm/state=CA</u>. Accessed November 23, 2009. Washington, DC.
- U.S. Energy Information Administration. 2008. *State Energy Data 2008: Consumption*. Available at <u>http://www.eia.gov/emeu/states/sep\_use/total/pdf/use\_ca.pdf</u>. Washington, DC.
- U.S. Environmental Protection Agency (EPA). 2010. *Fuel Economy Impact Analysis of RFG*. Available at <u>http://www.epa.gov/oms/rfgecon.htm</u>. Accessed October 20, 2010. Washington, DC.
- Veolia Water. 2010. *Atwater, California*. Available at <u>http://www.veoliawaterna.com/media/case-</u> <u>studies/atwater.htm</u>. Accessed September 22, 2010.



- Weare, Christopher. 2003. *The California Electricity Crisis: Causes and Policy Options*. Public Policy Institute of California. San Francisco, CA.
- Western Electricity Coordinating Council (WECC). 2008. *2008 Power Supply Assessment*. Salt Lake City, UT. November 5, 2008.
- Western Farm Press. 2010. "*California's water supply and demand.*" Available at <a href="http://westernfarmpress.com/irrigation/california-s-water-supply-and-demand">http://westernfarmpress.com/irrigation/california-s-water-supply-and-demand</a>. Accessed January 13, 2011. University of California Davis, CA. February 26, 2010.

#### **3.7 Biological Resources and Wetlands**

- Avian Power Line Interaction Committee (APLIC). 2006. *Suggested Practices for Avian Protection on Power Lines: The State of the Art in 2006.* Prepared by Edison Electric Institute, APLIC, and California Energy Commission. Sacramento, CA, and Washington, DC.
- Biogeographic Information and Observation System (BIOS). 2009. Cited with National Hydrography Dataset, Central Valley Vernal Pool Habitat dataset. Available at <u>http://bios.dfg.ca.gov/.</u> Accessed November 30, 2009. Sacramento, CA.
- Bureau of Reclamation (Reclamation). 2009. *Draft Fisheries Management Plan: A Framework for Adaptive Management in the San Joaquin River*. San Joaquin River Restoration Program Fisheries Management Work Group. Sacramento, CA. June 2009.
- Bureau of Reclamation (Reclamation), U.S. Fish and Wildlife Service; National Marine Fisheries Service; California Department of Fish and Game; and California Department of Water Resources. 2010. *San Joaquin River Restoration Program.* Brochure. May 2010.
- Bureau of Reclamation and California Department of Water Resources (Reclamation and DWR). 2011. Draft Program Environmental Impact Statement/Environmental Impact Report for the San Joaquin River Restoration Program, California – Executive Summary. April 2011.
- California Department of Fish and Game (CDFG). 1994. *Staff Report Regarding Mitigation Impacts to Swainson's Hawks (Buteo swainsonii) in the Central Valley of California*. Sacramento, CA.
- California Department of Fish and Game (CDFG). 1995. *Staff Report on Burrowing Owl Mitigation.* Sacramento, CA. September 25, 1995.
- California Department of Fish and Game (CDFG). 2000. *Guidelines for Assessing the Effects of Proposed Projects on Rare, Threatened, and Endangered Plants and Natural Communities.* Available at <u>http://www.slocounty.ca.gov/Assets/PL/environmental/CDFG botanical survey guidelines.pdf</u>. Sacramento, CA. Revised May 8, 2000.
- California Department of Fish and Game (CDFG). 2003. *Vegetation Classification and Mapping Program: List of California Terrestrial Natural Communities Recognized by The California Natural Diversity Database.* Sacramento, CA. September 2003.
- California Department of Fish and Game (CDFG). 2007. *San Joaquin River Fishery and Aquatic Resource Inventory. Final Report.* Cooperative Agreement 03FC203052. Sacramento, CA. September 2003-2005.
- California Department of Fish and Game (CDFG). 2009. *Protocols for Surveying and Evaluating Impacts to Special Status Native Plant Populations and Natural Communities.* Available at <u>http://www.dfg.ca.gov/biogeodata/cnddb/pdfs/Protocols for Surveying and Evaluating Impacts</u> <u>.pdf</u>. Accessed August 10, 2010. Sacramento, CA. November 24, 2009.



California Department of Fish and Game (CDFG). 2011. *California Wildlife Habitat Relationships (CWHR) Information System*. GIS data. Sacramento, CA.

California High-Speed Rail Authority and 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*. Available at <a href="http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx">http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx</a>. Sacramento, CA, and Washington, DC. August 2005.

- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2010. *Central Valley Biological Resources and Wetlands Survey Plan, California High-Speed Train Project EIR/EIS, San Jose to Merced Section, Merced to Fresno Section, and Fresno to Bakersfield Section.* Prepared by URS Corporation/HMM/Arup Joint Venture, CH2M HILL, and ICF Jones and Stokes. Sacramento, CA, and Washington, DC. February 2010.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011. Draft Special-Status Plant Survey Report, Draft California High-Speed Train Project EIR/EIS, Merced to Fresno Section. Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. August 2011.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012a. *Biological Resources and Wetlands Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. Publication pending 2012.

California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012b. *Wetlands Delineation Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. Publication pending 2012.

- California Native Plant Society (CNPS). 2001. CNPS Botanical Survey Guidelines. Sacramento, CA. Revised June 2, 2001.
- California Native Plant Society (CNPS). 2011. *Inventory of Rare and Endangered Plants of California*. Online edition, v7-11. Available at <u>http://cnps.web.aplus.net/cgi-bin/inv/inventory.cgi</u>. Accessed March 15, 2011. Sacramento, CA.
- California Natural Diversity Database (CNDDB), Biogeographic Data Branch, California Department of Fish and Game. 2003. *RareFind, Version 3.1.1 Commercial Version* – Dated February 27, 2011. Reports printed on March 15 and March 24, 2011. Information expired August 27, 2011. Sacramento, CA.
- CalFish. 2009. *Cooperative Anadromous Fish and Habitat Data Program*. Available at <u>http://www.calfish.org/</u>. Accessed April 26, 2011.
- CH2M HILL. 2003. *Upper San Joaquin River Conceptual Restoration Plan Phase 1 planning document*. Prepared for San Joaquin River Resource Management Coalition. Sacramento, CA. August 2003.
- CH2M HILL. 2005. *Upper San Joaquin River Conceptual Restoration Plan Phase 2 report*. Prepared for San Joaquin River Resource Management Coalition. Sacramento, CA. December 2005.
- CH2M HILL. 2010a. "Tour of Deadman Creek Conservation Bank and Great Valley Conservation Bank." Meeting Summary. Sacramento, CA. March 10, 2010.
- CH2M HILL. 2010b. "*California High Speed Train Merced to Fresno Section Permit Coordination Meeting June 7, 2010.*" Meeting Summary. Redding, CA. June 17, 2010.



- Cowardin, Lewis M., Virginia Carter, Francis C. Golet, and Edward T LaRoe. 1979. *Classification of Wetlands and Deepwater Habitats of the United States.* 79 pp. Prepared for U.S. Department of the Interior, Fish and Wildlife Service, Office of Biological Services. Washington, DC.
- Dedon, Mark. 2012. San Joaquin Valley Operations and Maintenance HCP Administrator, Pacific Gas and Electric Company. E-mail communication regarding HCP with Marjorie Eisert/CH2M HILL. January 4, 2012.
- Endangered Species Recovery Program (ESRP). 1999. *Wildlife Linkages San Joaquin Valley [ds417].* California Department of Fish and Game. Biogeographic Information and Observation System (BIOS). Available at <u>http://imaps.dfg.ca.gov/viewers/biospublic/app.asp.</u> Accessed December 7, 2010.
- Endangered Species Recovery Program (ESRP). 2002. *General Rare Plant Survey Guidelines* and the *Supplemental Survey Methods.* Prepared by Ellen A. Cypher, California State University, Stanislaus. Bakersfield, CA. Revised July 2002.
- Endangered Species Recovery Program (ESRP). 2006. *Fresno Kangaroo Rat Species Profile*. Available at <a href="http://esrp.csustan.edu/publications/pubhtml.php?doc=sjvrp&file=chapter02I00.html">http://esrp.csustan.edu/publications/pubhtml.php?doc=sjvrp&file=chapter02I00.html</a>. Prepared by California State University (CSU), Stanislaus. Accessed August 23, 2010. California State University, Stanislaus. Bakersfield, CA.
- Endangered Species Recovery Program (ESRP). 2009. GIS Maps and Data. Available from web site, <u>http://esrp.csustan.edu/gis/</u>. Accessed October 2, 2009. California State University, Stanislaus. Bakersfield, CA.
- Federal Railroad Administration (FRA). 2005. *High-Speed Ground Transportation Noise and Vibration Impact Assessment Manual, Final Report.* Prepared by Harris Miller Miller & Hanson Inc. Burlington, MA, and Washington, DC. October 2005.
- Google Earth. 2010. Google Earth 5. Satellite imagery dated April 15, 2008. Available at <u>http://earth.google.com/#utm\_campaign=en&utm\_medium=ha&utm\_source=en-ha-na-us-bk-eargen&utm\_term=google%20world</u>. Accessed between March 1, 2010 and March 5, 2012.
- Hickman, J.C., Editor. 1993. *The Jepson Manual: Higher Plants of California*. University of California Press. Berkeley, CA.
- Holland, Robert F. 1986. *Preliminary Descriptions of the Terrestrial Natural Communities of California*. Prepared for the State of California, The Resources Agency, and Department of Fish and Game. Sacramento, CA. October 1986.
- Huber, P. 2007. Wildlife Corridors San Joaquin Valley [ds423]. California Department of Fish and Game. Biogeographic Information and Observation System (BIOS). Available at <u>http://bios.dfg.ca.gov</u>. Accessed December 7, 2010.

Mapcon Mapping, Ltd. 2007. *Aerial imagery of California South San Joaquin Project.* Flown February and March 2007 and photographed by using a Leica RC-30 camera. NAD 83, UTM Zone 10. September 17, 2007.

Mayer, K.E. and W.F. Laudenslayer, Jr. 1988. *A Guide to the Wildlife Habitats of California*. Contributing Agencies; USDA Forest Service Pacific Southwest Forest and Range Experiment Station, California Department of Fish and Game, Pacific Gas and Electric Company, and USDA Forest Service Region 5. Sacramento, CA. October 1988.



- McBain & Trush, Inc. (Editors). 2002. *San Joaquin River Restoration Study Background Report. Chapter 1.* Prepared for Friant Water Users Authority, Lindsay, CA, and Natural Resources Defense Council, San Francisco, CA.
- Moyle, P. B. 2002. *Inland Fishes of California.* Revised and Expanded. University of California Press. Berkeley, CA.
- National Marine Fisheries Service (NMFS). 2009. *Public Draft Recovery Plan for the Evolutionarily Significant Units of Sacramento River Winter-run Chinook Salmon and Central Valley Spring-run Chinook Salmon and the Distinct Population Segment of Central Valley Steelhead*. Sacramento Protected Resources Division. Sacramento, CA. October 2009.
- National Oceanic and Atmospheric Administration (NOAA). 2009. *Essential Fish Habitat F.A.Q.* National Marine Fisheries Service, Southwest Regional Office. Available at <u>http://www.swr.noaa.gov/hcd/HCD\_webContent/EFH/faq\_efh.htm</u>. Accessed March 18, 2011. Boulder, CO. Updated May 14, 2009.
- Natural Resources Conservation Service (NRCS). 2006. *Land Resource Regions and Major Land Resource Areas of the United States, the Caribbean, and the Pacific Basin*. U.S. Department of Agriculture Handbook 296. Pages 51-53. Available at <u>http://soils.usda.gov/survey/geography/mlra/</u>. Accessed August 10, 2010. Washington, DC.

Natural Resources Conservation Service (NRCS). 2008. Mapped Soil Units. Washington, DC.

- Natural Resources Defense Council (NRDC), U.S. District Court, Eastern District of California. 2005. Order on Motion for Summary Judgment Relating to the Endangered Species Act. Natural Resources Defense Council, et al., v. Kirk C. Rodgers, etc., et al. NO. CIV. S-88-1658 LKK. July 28, 2005.
- Pacific Fisheries Management Council. 2003. *Pacific Coast Salmon Plan, Fishery Management Plan for Commercial and Recreational Salmon Fisheries Off the Coasts of Washington, Oregon, and California, as Revised through Amendment 14*. Adopted March 1999. Portland, OR. September 2003.
- Pacific Gas and Electric Company. 2006. *San Joaquin Valley Operations and Maintenance Habitat Conservation Plan.* Prepared by Jones and Stokes, Sacramento, CA. December 2006.
- Penrod, K., R. Hunter, and M. Merrifield. 2001. *Missing Linkages: Restoring Connectivity to the California Landscape, Conference Proceedings*. Available at <a href="http://www.scwildlands.org/reports/Default.aspx">http://www.scwildlands.org/reports/Default.aspx</a>. Co-sponsored by California Wilderness Coalition, The Nature Conservancy, U.S. Geological Survey, Center for Reproduction of Endangered Species and California State Parks. San Diego, CA. November 2, 2000.
- PRBO Conservation Service. 2005. *Least Bell's Vireo Breeds in Restored Riparian at San Joaquin River National Wildlife Refuge*. Petaluma, CA.
- San Francisco Estuary Institute, Aquatic Science Center. 2009. *Technical Advisory Team. California Wetland and Riparian Area Protection Policy. Technical Memorandum No. 2: Wetland Definition.* San Francisco, CA. June 25, 2009.
- Sawyer, John O., Todd Keeler-Wolf, and Julie M. Evans. 2009. *A Manual of California Vegetation*. Second Edition. California Native Plant Society. Sacramento, CA.
- Shuford, W.D., and T. Gardali (Ed.). 2008. Bird Species of Special Concern: A Ranked Assessment of Species, Subspecies, and Distinct Populations of Birds of Immediate Conservation Concern in California. Available at <u>http://www.dfg.ca.gov/wildlife/nongame/ssc/birds.html</u>. Published by Western Field Ornithologists and the California Department of Fish and Game. Sacramento, CA.



- Sloan, Justin. 2010. California Department of Fish and Game (CDFG), Le Grand Unit. Le Grand, CA. Personal communication via telephone conversation regarding CDFG's classification shown on BIOS with Michael Clary/CH2M HILL. September 9, 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 California Department of Transportation, California Department of Fish and Game, and Federal Highways Administration. Sacramento, CA. February 2010.
- State Water Resources Control Board (SWRCB). 2000. Water Quality Order No. 97003-DWQ National Pollutant Discharge Elimination System (NPDES) General Permit No. CAS000001 (General Permit). Waste Discharge Requirements (WDRS) for Discharges of Storm Water Associated with Industrial Activities Excluding Construction Activities. Available at http://www.swrcb.ca.gov/water\_issues/programs/stormwater/docs/induspmt.pdf. Sacramento, CA.
- State Water Resources Control Board (SWRCB). 2009. *National Pollutant Discharge Elimination System* (NPDES) General Permit for Storm Water Discharges associated with Construction and Land Disturbance Activities. Order No. 2009-0009-DWQ. Adopted September 2, 2009. Available at http://www.swrcb.ca.gov/board decisions/adopted orders/water quality/2009/wqo/wqo2009\_00 09\_dwq.pdf. Accessed September 6, 2010. Sacramento, CA.
- Stillwater Sciences. 2003. *Restoration Objectives for the San Joaquin River*. Prepared by Stillwater Sciences, Berkeley, California for Natural Resources Defense Council, San Francisco, California and Friant Water Users Authority. Lindsay, CA. March 2003.
- U.S. Army Corps of Engineers (USACE). 1987. *Corps of Engineers Wetlands Delineation Manual*. Technical Report Y-87-1, Waterways Experiment Station, Wetlands Research Program Technical Report Y-87-1. Available at <u>http://www.wetlands.com/regs/tlpge02e.htm</u>. Vicksburg, MS. January 1987.
- U.S. Army Corps of Engineers (USACE). 1993. *A Hydrogeomorphic Wetland Classification System.* Final Report. Wetlands Research Program. Technical Report WRP-DE-4. Prepared by Mark M. Brinson, Waterways Experiment Station. Sacramento, CA. August 1993.
- U.S. Army Corps of Engineers (USACE). 2008. *Regional Supplement to the Corps of Engineers Wetland Delineation Manual: Arid West Region (Version 2.0).* ERDC/EL TR-08-28. Engineer Research and Development Center, Wetlands Regulatory Assistance Program. Vicksburg, MS. September 2008.
- U.S. Army Corps of Engineers (USACE). 2012. Response to February 22, 2012 Checkpoint C Package, and the March 9, 2012 response for the proposed Merced to Fresno segment of the California High-Speed Train Project. Letter from Michael S. Jewell, Chief, Regulatory Division to Mark McLoughlin, California High-Speed Rail Authority. Sacramento, CA. March 26, 2012.
- U.S. Environmental Protection Agency (EPA). 2012. Response to Checkpoint C Request for Agreement on Preliminary Least Environmentally Damaging Practicable Alternative and Draft Mitigation Plan for California High-Speed Rail Project Merced to Fresno Section. Letter from Connell Dunning, Transportation Team Supervisor, Environmental Review Office, Communities and Ecosystems Division, to David Valenstein, Federal Railroad Administration, and Tom Fellenz, California High-Speed Rail Authority. San Francisco, CA. March 23, 2012.
- U.S. Fish and Wildlife Service (USFWS). 1998. Recovery Plan for Upland Species of the San Joaquin Valley, California. Endangered Species Recovery Program. Available at <u>http://esrp.csustan.edu/publications/pubhtml.php?doc=sjvrp&file=cover.html</u>. Accessed June 6, 2011. Portland, OR. September 30, 1998.

U.S. Department

of Transportation Federal Railroad

Administration



- U.S. Fish and Wildlife Service (USFWS). 1999a. *Conservation Guidelines for the Valley Elderberry Longhorn Beetle*. U.S. Department of the Interior, Sacramento Fish and Wildlife Office. Available at <u>http://www.fws.gov/sacramento/es/documents/velb\_conservation.pdf</u>. Accessed September 21, 2010. Sacramento, CA. July 9, 1999.
- U.S. Fish and Wildlife Service (USFWS). 1999b. *Standardized Recommendations for Protection of the San Joaquin Kit Fox Prior to or During Ground Disturbance*. Available at <a href="http://www.fws.gov/ventura/species">http://www.fws.gov/ventura/species</a> information/protocols guidelines/docs/sjkf/sanjoaquinkitfox <a href="protection.pdf">protection.pdf</a>. Prepared by Sacramento Fish and Wildlife Office. Sacramento, CA, and Washington, DC. June 1999.
- U.S. Fish and Wildlife Service (USFWS). 1999c. *San Joaquin Kit Fox Survey Protocol for the Northern Range.* Available at <u>http://www.fws.gov/sacramento/es/documents/kitfox no protocol.pdf.</u> Prepared by Sacramento Fish and Wildlife Office. <u>Accessed April 30</u>, 2011. Sacramento, CA, and Washington, DC. June 1999.
- U.S. Fish and Wildlife Service (USFWS). 2000. *Guidelines for Conducting and Reporting Botanical Inventories for Federally Listed, Proposed, and Candidate Plants*. Sacramento, CA.
- U.S. Fish and Wildlife Service (USFWS). 2003. *Interim Guidance on Site Assessments and Field Surveys for Determining Presence or a Negative Finding of the California Tiger Salamander*. Available at <u>http://www.fws.gov/sacramento/es/documents/cts\_survey\_protocol.pdf</u>. Accessed April 30, 2011. Washington, DC. October 2003.
- U.S. Fish and Wildlife Service (USFWS). 2004. *Draft Recovery Plan for Vernal Pool Ecosystems of California and Southern Oregon.* Region 1, U.S. Fish and Wildlife Service. Portland, OR. October 2004.
- U.S. Fish and Wildlife Service (USFWS). 2005. *Recovery Plan for Vernal Pool Ecosystems of California and Southern Oregon*. Region 1, U.S. Fish and Wildlife Service. Portland, OR. December 15, 2005.
- U.S. Fish and Wildlife Service (USFWS). 2008. *Birds of Conservation Concern 2008*. Available at <a href="http://www.fws.gov/migratorybirds/">http://www.fws.gov/migratorybirds/</a>. Division of Migratory Bird Management. Arlington, VA. December 2008.
- U.S. Fish and Wildlife Service (USFWS). 2009. *National Wetland Inventory (NWI)*. Available at <a href="http://www.fws.gov/Wetlands/Data/DataDownload.html">http://www.fws.gov/Wetlands/Data/DataDownload.html</a>. Accessed September and October 2009, and December 7, 2010. Washington, DC.
- U.S. Fish and Wildlife Service (USFWS). 2010. Sacramento Fish & Wildlife Office Species List for Merced to Fresno High Speed Rail Project. Forty-five quad regional area. Accessed June 17, 2010 and December 29, 2010. Sacramento, CA.
- U.S. Fish and Wildlife Service (USFWS). 2011. USFWS official list of federal candidate, proposed, threatened, and endangered wildlife species from the 45-quad regional area. Sacramento, CA.
- U.S. Geological Survey (USGS). 2006. *National hydrography dataset* (1:24,000, vector digital data). U.S. Geological Survey and U.S. Environmental Protection Agency. Available at <a href="http://nhd.usgs.gov/data.html">http://nhd.usgs.gov/data.html</a>. Accessed December 7, 2010. Reston, VA.

## 3.8 Hydrology and Water Resources

Bureau of Reclamation (Reclamation). 2008. *Draft Environmental Assessment - Annexation of Subordinate Lands in Chowchilla Water District, EA-07-44*. Mid Pacific Region, South Central California Area Office. Fresno, CA. May 2008.



- Bureau of Reclamation (Reclamation). 2009. Draft Environmental Impact Statement: Madera Irrigation District Water Supply Enhancement Project. Fresno, CA. July 2009.
- California Data Exchange Center. 2010. GIS data. Available at <u>http://cdec.water.ca.gov/</u>. California Department of Water Resources. Sacramento, CA.
- California Department of Transportation (Caltrans). 1999. Fact Sheet for National Pollutant Discharge Elimination System (NPDES) Permit for Stormwater Discharges from the State of California, Department of Transportation (Caltrans) Properties, Facilities, and Activities (Order No. 99-06-DWQ). Sacramento, CA. July 15, 1999.
- California Department of Water Resources (DWR). 2004. *California's Groundwater Bulletin 118 San Joaquin Valley Groundwater Basin Merced, Chowchilla, and Madera Subbasins*. Sacramento, CA. February 27, 2004.
- California Department of Water Resources (DWR). 2006. *California's Groundwater Bulletin 118 San Joaquin Valley Groundwater Basin Kings Subbasin*. Sacramento, CA. January 20, 2006.
- California High-Speed Rail Authority (Authority). 2010. *TM 2.6.5. Hydraulics and Hydrology Design Guidelines.* Available at <u>http://www.cahighspeedrail.ca.gov/</u>. Prepared by Parsons Brinckerhoff. Sacramento, CA. June 10, 2010.
- California High-Speed Rail Authority and 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*. Available at <u>http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx</u>. Sacramento, CA, and Washington, DC. August 2005.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012a. *Hydraulics and Floodplain Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. Publication pending 2012.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012b. *Stormwater Management Plan, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Sacramento, CA. April 2012.
- California Irrigation Management Information System (CIMIS). 2010. GIS data. Available at <a href="http://www.cimis.water.ca.gov/cimis/welcome.jsp">http://www.cimis.water.ca.gov/cimis/welcome.jsp</a>. California Department of Water Resources. Sacramento, CA.
- Central Valley Regional Water Quality Control Board (Central Valley RWQCB). 1998. *Fourth Edition of The Water Quality Control Plan (Basin Plan) for the Sacramento River and San Joaquin River Basins*. Sacramento, CA. September 15, 1998.
- Central Valley Regional Water Quality Control Board (Central Valley RWQCB). 2001. *Waste Discharge Requirements for Fresno Metropolitan Flood Control District, City of Fresno, City of Clovis, County of Fresno, and California State University Fresno - Urban Storm Water Discharges* (Order No. 5-01-048, NPDES No. CA0083500). Sacramento, CA. March 16, 2001.
- Central Valley Regional Water Quality Control Board (Central Valley RWQCB). 2008. *Final 2008 Clean Water Act Section 303(d)/305(b) Integrated Report for the Central Valley Region*. Available at <a href="http://www.waterboards.ca.gov/centralvalley/water">http://www.waterboards.ca.gov/centralvalley/water</a> issues/tmdl/impaired waters list/303d list.s <a href="http://www.waterboards.ca.gov/centralvalley/water">http://www.waterboards.ca.gov/centralvalley/water</a> issues/tmdl/impaired waters list/303d list.s <a href="http://www.waterboards.ca.gov/centralvalley/water">http://www.waterboards.ca.gov/centralvalley/water</a> issues/tmdl/impaired waters list/303d list.s



- City of Atwater. 2000. *City of Atwater General Plan.* Adopted July 24, 2000. Available at <a href="http://www.atwater.org/index.cfm?page=1320197">http://www.atwater.org/index.cfm?page=1320197</a>. Prepared by Pacific Municipal Consultants (PMC). Accessed July 2010. Atwater, CA.
- City of Chowchilla. 2009. *City of Chowchilla 2040 General Plan Update, Public Review Draft*. Available at <a href="http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen%20plan">http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen%20plan</a>. Prepared by Valley Planning Consultants Inc. (VPC). Chowchilla, CA. October 5, 2009.
- City of Fresno. 2002. *2025 Fresno General Plan and Related Draft Environmental Impact Report No. 10130.* Available at <u>http://www.fresno.gov/Government/DepartmentDirectory/PlanningandDevelopment/Planning/20</u> <u>25FresnoGeneralPlan.htm</u>. Prepared by City of Fresno Planning & Development Department. Accessed July 2010. Fresno, CA. February 1, 2002.
- City of Madera. 2004. *City of Madera Storm Water Quality Management Program*. Prepared by Harris & Associates. Fresno, CA. June 9, 2004.
- City of Madera. 2009. *City of Madera General Plan Update and Environmental Impact Report, Public Review Draft*. Available at <u>http://maderageneralplan.com/library.html</u>. Prepared by City of Madera and Pacific Municipal Consultants (PMC). Madera, CA. April 29, 2009.
- City of Merced. 1997. *Merced Vision 2015 General Plan.* Adopted April 7, 1997. Available at <a href="http://www.cityofmerced.org/depts/cd/planning/merced-vision-2015\_general\_plan.asp">http://www.cityofmerced.org/depts/cd/planning/merced-vision-2015\_general\_plan.asp</a>. Prepared by City of Merced Development Services Department Future Planning Division. Accessed July 2010. Merced, CA.
- Federal Emergency Management Agency (FEMA). 2008a. *Flood Insurance Study, Merced County, California and Incorporated Areas*. Washington, DC. December 2, 2008.
- Federal Emergency Management Agency (FEMA). 2008b. *Flood Insurance Study, Madera County, California and Incorporated Areas*. Washington, DC. September 26, 2008.
- Federal Emergency Management Agency (FEMA). 2009. *Flood Insurance Study, Fresno County, California and Incorporated Areas.* Washington, DC. February 18, 2009.
- Fresno County. 2000. *Fresno County General Plan. General Plan Update.* Available at <u>http://www.co.fresno.ca.us/DepartmentPage.aspx?id= 19705&terms=general+plan</u>. Prepared by General Plan Consultant Team, Fresno County Staff. Accessed July 2010. Fresno, CA. October 3, 2000.
- Madera County. 1995. *Madera County General Plan*. Adopted October 24, 1995. Available at <a href="http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html">http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html</a>. Accessed July 2010. Madera, CA.
- Madera County. 2008. *Integrated Regional Water Management Plan Volume I*. Prepared by Boyle Engineering Corporation in association with Kenneth D. Schmidt and Associates. Fresno, CA. April 2008.
- Madera County. No date. *Fairmead Specific Plan*. Prepared by Madera County Planning Department. Madera, CA.
- Merced County. 1990. *Merced County Year 2000 General Plan*. Adopted December 4, 1990. Available at <a href="http://www.co.merced.ca.us/index.aspx?NID=436">http://www.co.merced.ca.us/index.aspx?NID=436</a>. Accessed July 2010. Merced, CA.
- Merced Irrigation District. 2008. *About MID*. Available at <u>http://www.mercedid.org/aboutmid</u>. Accessed January 18, 2010. Merced, CA.



- Merced Storm Water Group. 2007. *Storm Water Management Program*. Prepared by Stantec. Fresno, CA. April 2007.
- State Water Resources Control Board (SWRCB). 2006. *Resolution No. 2006-0079, Approving the Proposed* 2006 Federal Clean Water Act Section 303(d) List of Water Quality Limited Segments for California. Adopted October 26, 2006. Sacramento, CA.
- State Water Resources Control Board (SWRCB). 2009. *National Pollutant Discharge Elimination System* (*NPDES*) General Permit for Storm Water Discharges associated with Construction and Land Disturbance Activities. Order No. 2009-0009-DWQ. Adopted September 2, 2009. Available at <u>http://www.swrcb.ca.gov/board\_decisions/adopted\_orders/water\_quality/2009/wqo/wqo2009\_00\_09\_dwq.pdf</u>. Accessed September 6, 2010. Sacramento, CA.
- U.S. Army Corps of Engineers (USACE). 1962. *Operation and Maintenance Manual for Channels and Levees of the Merced County Stream Group.* Sacramento, CA. June 1962.
- U.S. Environmental Protection Agency (EPA). 2005. *Protecting Water Quality from Agricultural Runoff*. Washington, DC. Revised March 2005.
- U.S. Geological Survey (USGS). 1995. *Groundwater Atlas of the United States California and Nevada*. HA-730-B. Available at <u>http://pubs.usgs.gov/ha/ha730/ch\_b/index.html. Accessed November</u> 2010. Reston VA.
- U.S. Geological Survey (USGS). 2009. *Groundwater Availability of the Central Valley Aquifer, California*. USGS Professional Paper 1766. Edited by C.C. Faunt. Reston, VA.
- U.S. Geological Survey (USGS). 2010a. *Subregion 1803.* High Resolution National Hydrography Dataset home page. GIS Data. Available at <u>http://nhd.usgs.gov/.</u> Updated April 11, 2010. Accessed April 12, 2010. Reston, VA.
- U.S. Geological Survey (USGS). 2010b. *Subregion 1804.* High Resolution National Hydrography Dataset home page. GIS Data. Available at <u>http://nhd.usgs.gov/</u>. Updated January 27, 2010. Accessed April 12, 2010. Reston, VA.
- Western Regional Climate Center (WRCC). 2009. Period of Record Monthly Climate Summary for Fresno WSO AP, California (043257), Madera, California (045233), and Merced Municipal Arpt, California (045532). Available at <u>http://www.wrcc.dri.edu</u>. Accessed November 30, 2009. Reno, Nevada.
- Western Regional Climate Center (WRCC), Scripps Institution of Oceanography, and California Energy Commission. 2010. *California Climate Data Archive*. Available at http://www.calclim.dri.edu/. Accessed January 2010. Reno, NV.

## 3.9 Geology, Soils, and Seismicity

- Advanced Environmental Concepts. 2004. *Confirmation Boring and Monitoring Well Installation at The Way Station*. Bakersfield and Chowchilla, CA. August 2004.
- American Association of State Highway and Transportation Officials (AASHTO). 2009. 2009 AASHTO Guide Specifications for LRFD Seismic Bridge Design. Washington, DC.
- American Association of State Highway and Transportation Officials (AASHTO). 2010. AASHTO Load and Resistance Factor Design (LRFD) Bridge Design Specifications (5th Edition). Washington, DC.
- American Railway Engineering and Maintenance-of-Way Association (AREMA). 2009. *Manual for Railway Engineering*. January 1, 2009.



American Society for Testing and Materials International (ASTM). 2012. *Annual Book of ASTM standards. Volume 4.02 Concrete and Aggregate; Volume 4.08 Soil and Rock; Volume 4.09 Soil and Rock II; Volume 4.03 Geosynthetics.* West Conshohocken, PA.

American Society of Civil Engineers (ASCE). 2010. Minimum Design Loads for Buildings and Other Structures ADCE 7-10. May 12, 2010.

- California Department of Conservation (DOC). 2009. *DOGGR Online Mapping System*. Available at <a href="http://maps.conservation.ca.gov/doms/doms-app.html">http://maps.conservation.ca.gov/doms/doms-app.html</a>. Accessed January 15, 2010. Sacramento, CA.
- California Department of Conservation (DOC). 2010. *Spreadsheet with Permitted Mines in the State of California*. Provided by Candace Mapel, DOC Office of Mine Reclamation. Sacramento, CA. April 8, 2010.
- California Department of Transportation (Caltrans). 2001. *Field Guide to Construction Site Dewatering*. Sacramento, CA. October 2001.

California Department of Transportation (Caltrans). 2003a. *Construction Site Best Management Practice* (*BMP*) Field Manual and Troubleshooting Guide. Available at <u>http://www.dot.ca.gov/hq/construc/stormwater/BMP\_Field\_Master\_FullSize\_Final-Jan03.pdf</u>. Sacramento, CA. January 2003.

- California Department of Transportation (Caltrans). 2003b. *Storm Water Quality Handbooks, Construction Site Best Management Practices (BMPs) Manual*. Sacramento, CA. March 2003.
- California Department of Water Resources (DWR). 2000. *Groundwater Data and Monitoring, South Central Region Groundwater Basin Contour Map, Merced, Chowchilla, Madera and Kings Groundwater Basins*. Sacramento, CA.
- California Geological Survey (CGS). 2002. *California Geomorphic Provinces*. California Department of Conservation, California Geological Survey Note 36. Available at <a href="http://www.consrv.ca.gov/cgs/information/publications/cgs">http://www.consrv.ca.gov/cgs/information/publications/cgs</a>. Available at <a href="http://www.consrv.ca.gov/cgs/information/publications/cgs">http://www.consrv.ca.gov/cgs/information/publications/cgs</a>. Available at <a href="http://www.consrv.ca.gov/cgs/information/publications/cgs">http://www.consrv.ca.gov/cgs/information/publications/cgs</a> notes/note 31/Documents/note 31. <a href="http://www.consrv.ca.gov/cgs/information/">http://www.consrv.ca.gov/cgs/information/publications/cgs</a> notes/note 31/Documents/note 31. </a>
- California Geological Survey (CGS). 2006. *Aggregate Availability in California*. Map Sheet 52. Sacramento, CA.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2004. *California High-Speed Train Program EIR/EIS Sacramento to Bakersfield Region Geology and Soils Technical Evaluation*. Prepared by Kleinfelder, Inc. Sacramento, CA, and Washington, DC. January 2004.
- California High-Speed Rail Authority and 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*. Available at <u>http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx</u>. Sacramento, CA, and Washington, DC. August 2005.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011a. *Record Set 15% Design Submittal, Geotechnical Report UPRR/SR99 Alternative. Preliminary Geotechnical Report A2-UPRR/SR99 Alignment, Merced-Madera-Fresno, California. California High-Speed Train Project Engineering Reports.* Prepared by Parikh Consultants Inc. Sacramento, CA, and Washington, DC. June 1, 2010, Updated May 2011.



- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011b. *Record Set 15% Design Submittal, Geotechnical Report BNSF Alternative, Including Ave. 21 & Ave. 24. Preliminary Geotechnical Report A1-BNSF Alignment, Merced-Madera-Fresno, California. California High-Speed Train Project Engineering Reports.* Prepared by Parikh Consultants Inc. Sacramento, CA, and Washington, DC. December 15, 2010, Updated May 2011.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012a. *Geology, Soils, and Seismicity Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. Publication pending 2012.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012b. *Hydraulics and Floodplain Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section*. Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. Publication pending 2012.
- City of Atwater. 2000. *City of Atwater General Plan.* Adopted July 24, 2000. Available at <a href="http://www.atwater.org/index.cfm?page=1320197">http://www.atwater.org/index.cfm?page=1320197</a>. Prepared by Pacific Municipal Consultants (PMC). Accessed December 2, 2009. Atwater, CA.
- City of Chowchilla. 2011. *City of Chowchilla 2040 General Plan*. Adopted May 2, 2011. Available at <a href="http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen">http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen</a> plan. Prepared by Valley Planning Consultants Inc. (VPC). Chowchilla, CA. May 2, 2011.
- City of Fresno. 2002. 2025 Fresno General Plan and Related Draft Environmental Impact Report No. 10130. Available at <u>http://www.fresno.gov/Government/DepartmentDirectory/PlanningandDevelopment/Planning/20</u> 25FresnoGeneralPlan.htm. Prepared by City of Fresno Planning & Development Department. Accessed December 2, 2009. Fresno, CA. February 1, 2002.
- City of Madera. 2009. *City of Madera General Plan Update and Environmental Impact Report, Public Review Draft*. Available at <u>http://maderageneralplan.com/library.html</u>. Prepared by City of Madera and Pacific Municipal Consultants (PMC). Accessed December 2, 2009. Madera, CA. April 29, 2009.
- City of Merced. 2012. *Merced Vision 2030 General Plan*. Adopted with resolutions January 3, 2012. Available at http://www.cityofmerced.org/depts/cd/planning/general\_plan\_update/default.asp. Merced, CA. July 2011, Adopted January 3, 2012.
- Fresno County. 2000. *Fresno County General Plan. General Plan Update.* Available at <u>http://www.co.fresno.ca.us/DepartmentPage.aspx?id= 19705&terms=general+plan</u>. Prepared by General Plan Consultant Team, Fresno County Staff. Accessed December 2, 2009. Fresno, CA. October 3, 2000.

International Code Council (ICC). 2006. 2006 International Building Code (IBC). Washington, DC.

- Madera County. 1995. *Madera County General Plan*. Adopted October 24, 1995. Available at <a href="http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html">http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html</a>. Accessed December 2, 2009. Madera, CA.
- Merced County. 1990. *Merced County Year 2000 General Plan*. Adopted December 4, 1990. Available at <a href="http://www.co.merced.ca.us/index.aspx?NID=436">http://www.co.merced.ca.us/index.aspx?NID=436</a>. Accessed December 2, 2010. Merced, CA.
- Natural Resources Conservation Service (NRCS). 1962a. *Soil Survey of Madera Area, California*. U.S. Government Printing Office. Washington, DC. May 1962.



- Natural Resources Conservation Service (NRCS). 1962b. *Soil Survey of Merced Area, California*. U.S. Government Printing Office. Washington, DC. July, 1962.
- Natural Resources Conservation Service (NRCS). 1971. *Soil Survey, Eastern Fresno Area, California*. U.S. Government Printing Office. Washington, DC. October 1971.
- U.S. Geological Survey (USGS). 1965. *Geologic Map of California, Fresno Sheet. California Division of Mines and Geology*. Prepared by Matthews, R.A., and J.L. Burnett. Accessed July 15, 2010. Sacramento, CA.
- U.S. Geological Survey (USGS). 1978. *Preliminary Geologic Map Showing Quaternary Deposits of the Northeastern San Joaquin Valley, California. U.S. Geological Survey Miscellaneous Field Studies Map MF-945.* Available at <u>http://ngmdb.usgs.gov/ngm-</u> <u>bin/ILView.pl?sid=6783\_1.sid&vtype=b&sfact=1.25</u>. Prepared by Marchand, D.E., and A. Allwardt. Accessed December 11, 2009. Sacramento, CA.

#### 3.10 Hazardous Materials/Wastes

- American Society for Testing and Materials International (ASTM). 2006. *Designation E 1528-06 Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process.* West Conshohocken, PA.
- Bureau of Reclamation (Reclamation). 2008. *Draft Environmental Assessment Annexation of Subordinate Lands in Chowchilla Water District, EA-07-44.* Mid Pacific Region, South Central California Area Office. Fresno, California. May 2008.
- California Department of Conservation, Division of Mines and Geology (CDMG). 2000. *A General Location Guide for Ultramafic Rocks in California—Areas More Likely to Contain Naturally Occurring Asbestos*. Sacramento, CA. August 2000.
- California Department of Water Resources (DWR). 2004. *California's Groundwater Bulletin 118 San Joaquin Valley Groundwater Basin Merced, Chowchilla, and Madera Subbasins*. Sacramento, CA. February 27, 2004.
- California Environmental Protection Agency (Cal-EPA), Department of Toxic Substances Control (DTSC). 2007a. *Castle Air Force Base (24970001)*. Available at <u>www.envirostor.dtsc.ca.gov/public/profile\_report.asp?global\_id=24970001</u>. Accessed July 2, 2010. Sacramento, CA.
- California Environmental Protection Agency (Cal-EPA), Department of Toxic Substances Control (DTSC). 2007b. *Commercial Offsite Hazardous Waste Facilities*. Available at <u>http://www.envirostor.dtsc.ca.gov/public/commercial offsite.asp</u>. Accessed October 26, 2010. Sacramento, CA.
- California Environmental Protection Agency (Cal-EPA). 2009. *Unified Program Home.* Available at <a href="http://www.calepa.ca.gov/CUPA/">http://www.calepa.ca.gov/CUPA/</a>. Accessed January 19, 2010. Sacramento, CA. October 1, 2009.
- California High-Speed Rail Authority and 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*. Available at <a href="http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx">http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx</a>. Sacramento, CA, and Washington, DC. August 2005.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012. *Hazardous Materials/Wastes Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM, CH2M HILL, and Parus Consulting, Inc. Sacramento, CA, and Washington, DC. Publication pending 2012.





- Chevron Environmental Management Company. 2011. *Comments on the Draft EIR/EIS California High-Speed Rail Segment: Merced to Fresno. Historical Pipeline Portfolio – Bakersfield to Richmond.* San Ramon, CA. August 31, 2011.
- City of Chowchilla. 2010. *Local Hazard Mitigation Plan*. Public Review Draft. Chowchilla, CA. October 8, 2010.
- City of Merced. 1988. Merced City Fire Department Official Action Guide. Merced, CA. February 1, 1988.
- City of Merced. 2003. *City of Merced Emergency Operations Plan Guidance Document*. Merced, CA. June 2003.

City of Merced. 2012. *Merced Vision 2030 General Plan*. Adopted with resolutions January 3, 2012. Available at http://www.cityofmerced.org/depts/cd/planning/general\_plan\_update/default.asp. Merced, CA. July 2011, Adopted January 3, 2012.

Fresno County. 2009. Certified Unified Program Agency (CUPA). Available at <a href="http://www.co.fresno.ca.us/DivisionPage.aspx?id=2974">http://www.co.fresno.ca.us/DivisionPage.aspx?id=2974</a>. 2009. Fresno County Division of Environmental Health. Accessed January 19, 2010. Fresno, CA.

- Fresno County. 2000. *Fresno County General Plan. General Plan Update.* Available at <u>http://www.co.fresno.ca.us/DepartmentPage.aspx?id= 19705&terms=general+plan.</u> Prepared by General Plan Consultant Team, Fresno County Staff. Accessed July 2010. Fresno, CA. October 3, 2000.
- Hudecek, Phil. 2011. Madera County Environmental Health. Madera, CA. Personal communication via telephone regarding a potential landfill gas hazard at the Landfill 2 site with Jessica Babcock/Parus Consulting. December 5, 2011.

Madera County 2010. *Madera County Local Hazard Mitigation Plan*. Available at <u>http://www.madera-</u> county.com/sheriff/oes/hazardmitigation.html. Madera, CA. August 2010.

Merced County. 1990. *Merced County Year 2000 General Plan*. Adopted December 4, 1990. Available at <a href="http://www.co.merced.ca.us/index.aspx?NID=436">http://www.co.merced.ca.us/index.aspx?NID=436</a>. Merced, CA.

Regional Water Quality Control Board (RWQCB). 2006. *Proposed 2006 CWA Section 303(d) List of Water Quality Limited Segments: Central Valley Regional Board*. Sacramento, CA. October 25, 2006.

RMC Geoscience, Inc. 2009. Second 2008 Semi-annual Detection Monitoring Report and Annual Summary Report: Fairmead Landfill, Madera County, California. Novato, CA. January 30, 2009.

- State Water Resources Control Board (SWRCB). 2009. *National Pollutant Discharge Elimination System* (*NPDES*) General Permit for Storm Water Discharges associated with Construction and Land Disturbance Activities. Order No. 2009-0009-DWQ. Adopted September 2, 2009. Available at <u>http://www.swrcb.ca.gov/board\_decisions/adopted\_orders/water\_quality/2009/wqo/wqo2009\_00\_09\_dwq.pdf</u>. Sacramento, CA.
- U.S. Air Force, Air Force Center for Engineering and the Environment (AFCEE). 2009. *Final Five-Year Review Report Third Five-Year Review Report for Castle Airport, Atwater, Merced County, California*. Prepared by Jacobs. Brooks City-Base, TX, and Atwater, CA. January 2009.
- U.S. Environmental Protection Agency (EPA). 2009a. *Pollution Prevention and Toxics: Asbestos.* Available at <a href="http://www.epa.gov/asbestos/">http://www.epa.gov/asbestos/</a>. Accessed December 17, 2009. Washington, DC.
- U.S. Environmental Protection Agency (EPA). 2009b. *Lead: Renovation, Repair, and Painting*. Available at <a href="http://www.epa.gov/lead/pubs/renovation.htm">http://www.epa.gov/lead/pubs/renovation.htm</a>. Accessed December 17, 2009. Washington, DC.



- U.S. Environmental Protection Agency (EPA). 2010a. *Basic Information Polychlorinated Biphenyl (PCB)*. Available at <u>http://www.epa.gov/epawaste/hazard/tsd/pcbs/pubs/about.htm</u>. Accessed February 3, 2011. Washington, DC.
- U.S. Environmental Protection Agency (EPA). 2010b. *Castle Air Force Base: Site Overview*. Available at <a href="http://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/ViewByEPAID/ca3570024551?OpenDocument">http://yosemite.epa.gov/r9/sfund/r9sfdocw.nsf/ViewByEPAID/ca3570024551?OpenDocument</a>. Accessed January 27, 2010. Washington, DC.
- Wrighton, Paul. 2011. Merced County Environmental Health. Merced, CA. Personal communication via telephone regarding potential landfill gas hazard at the Le Grand Disposal Site with Jessica Babcock/Parus Consulting. December 5, 2011.

# 3.11 Safety and Security

- Airport-Data.com. 2010. *United States Airport Finder*. Available at <u>http://www.airport-data.com/airport-finder.html</u>. Accessed May 24, 2010.
- American Public Transportation Association (APTA). 2006. *Manual for the Development of System Safety Program Plans for Commuter Railroads*. Washington, DC. May 15, 2006.
- Anderson, Lisa. 2010. Battalion Chief, Madera County Fire Department, Madera, CA. Personal communication via telephone regarding emergency response times with Colleen Roberts/CH2M HILL. May 27, 2010.

Areddy, James T. 2011. China Blasts High-Speed Rail System. Wall Street Journal. December 29, 2011.

- Brogdon, Mike. 2010. Fresno Police Department, Fresno, CA. Personal communication via e-mail regarding police department response times with Colleen Roberts/CH2M HILL. May 27, 2010.
- California Department of Corrections and Rehabilitation (CDCR). 2011. *Comments on the Merced to Fresno Section of the High-Speed Train System Project.* Letter from Deborah Hysen, Chief Deputy Secretary, Facility Planning, Construction and Management. Sacramento, CA. April 11, 2011.
- California Department of Forestry and Fire Protection (Cal Fire). 2007a. *Map—Draft Fire Hazard Severity Zones in LRA (Local Resource Area), Merced County*. Fire and Resource Assessment Program. Sacramento, CA. September 21, 2007.
- California Department of Forestry and Fire Protection (Cal Fire). 2007b. *Map—Draft Fire Hazard Severity Zones in LRA (Local Resource Area), Madera County*. Fire and Resource Assessment Program. Sacramento, CA. September 20, 2007.
- California Department of Forestry and Fire Protection (Cal Fire). 2007c. *Map—Draft Fire Hazard Severity Zones in LRA (Local Resource Area), Fresno County*. Fire and Resource Assessment Program. Sacramento, CA. October 2, 2007.
- California Department of Forestry and Fire Protection (Cal Fire). 2010. *2010 Strategic Fire Plan for California*. Sacramento, CA. June 2010.
- California Department of Transportation (Caltrans), Division of Aeronautics. 2002. *California Airport Land Use Planning Handbook.* Prepared by Shutt Moen Associates. Sacramento, CA. January 2002.
- California High-Speed Rail Authority (Authority). 2008. *TM 2.1.7 Rolling Stock and Vehicle Intrusion Protection for High-Speed Rail and Adjacent Transportation Systems*. Available at <u>http://www.cahighspeedrail.ca.gov/</u>. Prepared by Parsons Brinckerhoff. Sacramento, CA. October 25, 2008.
- California High-Speed Rail Authority (Authority). 2010. *TM 2.10.6 Fault Rupture Analysis and Mitigation*. Sacramento, CQA. June 2010.



- California High-Speed Rail Authority (Authority). 2011a. *TM 2.2.2 Station Program Design Guidelines*. Sacramento, CA. June 2011.
- California High-Speed Rail Authority (Authority). 2011b. *Urban Design Guidelines, California High-Speed Train Project.* Sacramento, CA. March 2011.
- California High-Speed Rail Authority (Authority). 2012. *Memo to File: Overview of Significant High-Speed Rail Derailments*. Sacramento, CA. March 9, 2012.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012. *Transportation Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. Publication pending 2012.
- California Highway Patrol. 2008. 2008 *Annual Report of Fatal and Injury Motor Vehicle Traffic Collisions*. Available at <u>http://www.chp.ca.gov/switrs/.</u> Accessed October 22, 2010. Sacramento, CA.
- Central Japan Railway Company. 2010. *About the Shinkansen Safety*. Available at <u>http://english.jr-central.co.jp/about/safety.html</u>. Japan.
- Chambers, Lisa. 2010. Madera Police Department, Madera, CA. Personal communication via telephone regarding police department response times with Colleen Roberts/CH2M HILL. June 24, 2010.
- City of Atwater. 2000. *City of Atwater General Plan. Chapter 5 Seismic and Public Safety*. Adopted July 24, 2000. Available at <u>http://www.atwater.org/index.cfm?page=1320197</u>. Prepared by Pacific Municipal Consultants (PMC). Atwater, CA.
- City of Atwater Fire Department. 2009. *Fire Operations, Webpage*. Accessed December 29, 2009. Atwater, CA.
- City of Chowchilla. 2011. *City of Chowchilla 2040 General Plan*. Adopted May 2, 2011. Available at <a href="http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen">http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen</a> plan. Prepared by Valley Planning Consultants Inc. (VPC). Chowchilla, CA. May 2, 2011.
- City of Chowchilla Volunteer Fire Department. 2009. *Fleet*. Available at <u>http://www.ci.chowchilla.ca.us/fire/fire\_fleet.htm</u>. Accessed November 22, 2009.

City of Fresno. 1999. *Fresno-Chandler Downtown Airport Master and Environs Specific Plan*. Ordinance 99-22, Adopted April 13, 1999. Available at <u>http://www.fresno.gov/NR/rdonlyres/930795C9-5F2F-438F-A97C-</u> 6C54A50E4E28/0/Ord200769AmendingFresnoChandlerDowntownAirportMasterPlan.pdf. Accessed July 2011. Fresno, CA.

- City of Fresno. 2002. *2025 Fresno General Plan and Related Draft Environmental Impact Report No. 10130.* Available at <u>http://www.fresno.gov/Government/DepartmentDirectory/PlanningandDevelopment/Planning/20</u> <u>25FresnoGeneralPlan.htm</u>. Prepared by City of Fresno Planning & Development Department. Accessed July 2010. Fresno, CA. February 1, 2002.
- City of Fresno. 2008. *Report to the City Council. Adoption of the Emergency Operations Plan.* Fresno, CA. September 23, 2008. Fresno, CA.
- City of Fresno Fire Department. 2009. *Station Locations*. Available at <a href="http://www.fresno.gov/Government/DepartmentDirectory/Fire/AboutFresnoFire/StationLocations/default.htm">http://www.fresno.gov/Government/DepartmentDirectory/Fire/AboutFresnoFire/StationLocations/default.htm</a>. Accessed December 29, 2009. Fresno, CA.

U.S. Department

of Transportation Federal Railroad

Administration



- City of Fresno Police Department. 2011. *Fresno Police Department Home Page*. Available at <a href="http://www.fresno.gov/Government/DepartmentDirectory/Police/default.htm">http://www.fresno.gov/Government/DepartmentDirectory/Police/default.htm</a>. Accessed March 4, 2011. Fresno, CA.
- City of Madera. 2009. *City of Madera General Plan Update and Environmental Impact Report, Public Review Draft*. Available at <u>http://maderageneralplan.com/library.html</u>. Prepared by City of Madera and Pacific Municipal Consultants (PMC). Madera, CA. April 29, 2009.
- City of Madera Fire Department. 2009. *Fire Department Webpage*. Available at <u>http://www.cityofmadera.org/web/guest/fire</u>. Accessed December 29, 2009. Madera, CA.
- City of Merced. 2003. City of Merced Emergency Operations Plan. Merced, CA. June 2003.
- City of Merced. 2007. *Merced Municipal Airport Master Plan Final Report*. Prepared by DMJM Aviation and AECOM Company. Merced, CA. September 2007.
- City of Merced. 2012. *Merced Vision 2030 General Plan*. Adopted with resolutions January 3, 2012. Available at http://www.cityofmerced.org/depts/cd/planning/general\_plan\_update/default.asp. Merced, CA. July 2011, Adopted January 3, 2012.
- City of Merced Fire Department. 2009. *Fire Station Tours, Fire Station 51*. Available at <a href="http://www.cityofmerced.org/depts/fire/tours/fire\_station\_51.asp">http://www.cityofmerced.org/depts/fire/tours/fire\_station\_51.asp</a>. Accessed December 29, 2009. Merced, CA.
- Eber, Lance. 2010. Crime Analyst, Merced Police Department, Merced, CA. Personal communication via telephone regarding police department response times with Colleen Roberts/CH2M HILL, May 27, 2010.
- Federal Aviation Administration (FAA). 2010. *Airport Contacts Information*. Available at <a href="http://www.faa.gov/airports/airport\_safety/airportdata\_5010/">http://www.faa.gov/airports/airport\_safety/airportdata\_5010/</a>. Accessed May 24, 2010. Washington, DC.
- Federal Bureau of Investigation (FBI). 2008. National Uniform Crime Reporting Program. Table 5, Crime in the United States by State. Table 6, Crime in the United States by Metropolitan Statistical Area. Table 8, Crime in the United States, Offenses Known to Law Enforcement by State by City. Table 11, Crime in the United States, Offenses Known to Law Enforcement by State by State and Other Agency. Available at http://www.fbi.gov/stats-services/crimestats. Washington, DC.
- Federal Railroad Administration (FRA). 1994. Safety of High-Speed Ground Guided Transportation Systems - Intrusion Barrier Design Study. Available at <u>http://www.fra.dot.gov/downloads/research/ord9504.pdf</u>. Prepared by Parsons Brinckerhoff. Washington, DC. November 1994.
- Federal Railroad Administration (FRA). 2006. *Railroad Safety Statistics 2005 Annual Report*. Washington, DC. December 2006.
- Federal Railroad Administration (FRA). 2009a. Table 3.09: Accident Summary. Table 3.12: Accident by Railroad. Table 5.07: Highway/Rail Incidents by State/Railroad. Table 8.01: Accident Query by Location. Office of Safety Analysis. Available at <u>http://safetydata.fra.dot.gov/OfficeofSafety/</u>. Accessed December 2009 and January 2010. Washington, DC.
- Federal Railroad Administration (FRA). 2009b. Highway-*Rail Grade Crossing Guidelines for High-Speed Passenger Rail. Version 1.0.* Washington, DC. November 2009.
- Federal Railroad Administration (FRA). 2010. National Rail Plan Moving Forward A Progress Report. Available at <u>http://www.fra.dot.gov/downloads/NRP\_Sept2010\_WEB.pdf</u>. Accessed April 25, 2011. Washington, DC. September 2010.



- Federal Railroad Administration (FRA). 2011. *Table 3.09: Accident Summary. Table 3.12: Accident by Railroad. Table 5.07: Highway/Rail Incidents by State/Railroad.* Office of Safety Analysis. Available at <u>http://safetydata.fra.dot.gov/OfficeofSafety/</u>. Accessed May 2011. Washington, DC.
- Fresno County. 2000. Fresno County General Plan. *General Plan Update*. Available at <u>http://www.co.fresno.ca.us/DepartmentPage.aspx?id= 19705&terms=general+plan</u>. Prepared by General Plan Consultant Team, Fresno County Staff. Fresno, CA. October 3, 2000.
- Fresno County Airport Land Use Commission. 2010. *Draft Land Use Compatibility Plan*. Available at <u>http://fresnocog.org/files/ALUC/Updated%20CLUP%208-2-10.pdf</u>. Fresno, CA.
- Gardine, Steve. 2010. Fleet Manager, Madera County Fire Department. Personal communication via telephone regarding rural response times with Colleen Roberts/CH2M HILL. May 24, 2010.
- Lamison, Tina. 2010. Atwater Police Department, Atwater, CA. Personal communication via telephone regarding police department response times with Colleen Roberts/CH2M HILL. May 27, 2010.
- Madera County. 1995. *Madera County General Plan*. Available at <u>http://www.madera-</u> <u>county.com/rma/planningdept/planning dept docs.html</u>. Adopted October 24, 1995. Accessed July 2010. Madera, CA.
- Madera County Airport Land Use Commission. 1993. *Airport Land Use Compatibility Plan, Madera County Airports*. Madera, CA. December 16, 1993.
- McDonald, Brian. 2010. Captain, Atwater Fire Department, Atwater, CA. Personal communication via telephone regarding Atwater Fire Department vehicle inventory with Colleen Roberts/CH2M HILL. May 24, 2010.
- McKenzie, Tom. 2010. Deputy, Merced County Sheriff's Office, Merced, CA. Personal communication via telephone regarding police department response times with Colleen Roberts/CH2M HILL. May 28, 2010.
- Merced County. 1990. *Merced County Year 2000 General Plan*. Available at <a href="http://www.co.merced.ca.us/index.aspx?NID=436">http://www.co.merced.ca.us/index.aspx?NID=436</a>. Adopted December 4, 1990. Accessed July 2010. Merced, CA.
- Merced County. 2007. Merced County Emergency Operations Plan. Merced, CA. December 2007.
- Merced County Airport Land Use Commission. 1999. *Merced County Airport Land Use Compatibility Plan*. Adopted April 15, 1999. Prepared by Shutt Moen Associates. Merced, CA.
- Merced County Association of Governments (MCAG). 2008. *Merced County Regional Bicycle Transportation Plan*. Adopted October 21, 2008. Available at <a href="http://www.mcagov.org/pdfs/2009/FinalRegBP.pdf">http://www.mcagov.org/pdfs/2009/FinalRegBP.pdf</a>. Merced, CA. October 29, 2008.

Merced Regional Airport. 2008, Revised 2011. *Airport Emergency Plan (AEP)*. CFR 14 Part 139.325. Merced, CA. March 27, 2008, Revised August 21, 2011.

- Mitchum, Dennis. 2009. Fire Chief, City of Merced Fire Department, Merced, CA. Personal communication via telephone regarding emergency response times with Colleen Roberts/CH2M HILL. December 1, 2009.
- Moore, Hank. 2009. Fire Marshal, Merced County Fire Department, Merced, CA. Personal communication via telephone regarding emergency response times with Colleen Roberts/CH2M HILL. December 1, 2009.



- Myers, Rhonda. 2010. City of Madera Fire Department. Personal communication via telephone regarding City of Madera Fire Department response times with Colleen Roberts/CH2M HILL. June 1, 2010.
- National Aeronautics and Space Administration (NASA). 2007. *System Failure Case Studies, Derailed*. Washington, DC. March 2007.
- National Fire Protection Association (NFPA) International. 2001. *NFPA 1710—Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments 2001 Edition*. Quincy, MA. August 2, 2001.
- National Highway Traffic Safety Administration (NHTSA). 2008. *Traffic Safety Facts, 2008 Data*. Available at <a href="http://www-nrd.nhtsa.dot.gov/Pubs/811162.pdf">http://www-nrd.nhtsa.dot.gov/Pubs/811162.pdf</a>. Washington, DC.
- North East Wales Institute of Higher Education (NEWI). 2004. *The High-Speed Train Disaster in Eschede (Germany). Engineering Design Group Project (Group 1) Level 2, 2004/2005.* November 30, 2004.
- Railway-Technology.com. 2011. *China's High-Speed Rail Revolution*. Available at <u>http://www.railway-technology.com/features/feature 124824</u>. Accessed January 4, 2012. July 21, 2011.
- Rao, Alan and Tom Tsai. 2007. *Safety Standards for High-Speed Rail Transportation*. Transportation Research Record: Journal of the Transportation Research Board. Volume 1995. Pages 35-42. Washington, DC.
- Riviere, Tanya. 2010. Chowchilla Police Department, Chowchilla, CA. Personal communication via e-mail regarding police department response times with Colleen Roberts/CH2M HILL. May 27, 2010.
- Salvador, Michael. 2010. Lieutenant, Madera County Sheriff's Office, Madera, CA. Personal communication via telephone regarding police department response times with Colleen Roberts/CH2M HILL. May 27, 2010.
- Scott, Mark, 2011. City Manager, City of Fresno, Fresno, CA. Personal communication via letter regarding comments on the Merced to Fresno Section High-Speed Train Draft EIR/EIS with Roelof van Ark, California High-Speed Rail Authority. October 13, 2011.
- Taylor, B., A. Loukaitour-Sideris, R. Liggett, C Fing, M. Wachs, E. Cavanagh, C. Cherry, P. Haas. 2005. Designing and Operating Safe and Secure Transit Systems: Assessing Current Practices in the United States and Abroad. Available at http://www.transweb.sjsu.edu/MTIportal/research/publications/documents/04-05/MTI\_04-05.pdf. Prepared by Mineta Transportation Institute - Report 04-05. San Jose, CA. November 2005.
- TGVweb. No Date. *TGV Basics*. Available at <u>http://www.trainweb.org/tgvpages/background.html</u>. Accessed May 2, 2011. La Plata, MO.
- U.S. Department of Defense. 2000. *Standard Practice for System Safety*. MIL-STD-882D. Washington, DC. February 10, 2000.
- U.S. Department of Transportation and Federal Rail Authority (USDOT and FRA). 1993. *Safety of High Speed Guided Ground Transportation, Collision Avoidance and Accident Survivability. Volumes 1 and 2.* Washington, DC. March 1993.

#### 3.12 Socioeconomics, Communities, and Environmental Justice

Bertaut, Carol, and Laurie Pounder. 2009. *The Financial Crisis and U.S. Cross-Border Financial Flows.* Federal Reserve Bulletin. November 2009.



- California Board of Equalization (CBOE). 2009. *California Property Tax: An Overview. Publication 29*. Available at <u>http://www.boe.ca.gov/proptaxes/pdf/pub29.pdf</u>. Accessed November 12, 2010. Sacramento, CA. August 2009.
- California Board of Equalization (CBOE). 2010. *California City & County Sales & Use Tax Rates, Fresno, Madera and Merced Counties*. Available at <u>http://www.boe.ca.gov/cgi-bin/rates.cgi</u>. Accessed November 12, 2010. Sacramento, CA.
- California Department of Corrections and Rehabilitation (CDCR). 2011. *Comments on the Merced to Fresno Section of the High-Speed Train System Project.* Letter from Deborah Hysen, Chief Deputy Secretary, Facility Planning, Construction and Management. Sacramento, CA. April 11, 2011.

California Department of Education (CDOE). 2009. 2008-2009 School Year Data. Sacramento, CA.

- California Department of Education (CDOE), Demographics Office. 2010. *School Nutrition Program County Profile Report, 2008-2009.* Available at <u>http://www.cde.ca.gov/ds/sh/sn</u>. Accessed February 16, 2010. Sacramento, CA.
- California Department of Finance (CDOF). 2010a. *E-5 Population and Housing Estimates for Cities, Counties and the State, 2001-2010, with 2000 Benchmark*. Sacramento, CA.
- California Department of Finance (CDOF). 2010b. *P1 Population Projections with Race/Ethnic Detail*. Available at <u>http://www.dof.ca.gov/research/demographic/reports/view.php</u>. Accessed June 25, 2010. Sacramento, CA.
- California Department of Food and Agriculture. 2011. *California Agricultural Resource Directory 2010-2011*. Available at http://www.cdfa.ca.gov/Statistics/PDFs/ResourceDirectory\_2010-2011.pdf.. Sacramento, CA.
- California Department of Transportation (Caltrans). 1997. *Environmental Handbook Volume 4: Community Impacts Assessment.* Available at <u>http://www.dot.ca.gov/ser/vol4/envhb4.pdf</u>. Accessed May 2010. Sacramento, CA. June 1997.
- California Employment Development Department (CEDD). 2010a. *Monthly Labor Force Data for Cities and Census Designated Places (CDP) Annual Average 2010 Revised*. Sacramento, CA. May 20, 2011, March 2010 Benchmark.
- California Employment Development Department (CEDD). 2010b. *Annual Average Labor Force Data for Merced and Madera Counties.* Available at <u>http://www.labormarketinfo.edd.ca.gov/?pageid=166</u>. Accessed October 20, 2010. Sacramento, CA.
- California High-Speed Rail Authority (Authority). 2010. *Bay Area to Central Valley High-Speed Train (HST) Revised Final Program Environmental Impact Report (EIR).* Available at http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx. Sacramento, CA. August 2010.
- California High-Speed Rail Authority (Authority). 2012. *Technical Memorandum 200.6, Aesthetic Guidelines for Non-Station Structures*. Sacramento, CA. February 2012.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2008. *Final Bay Area to Central Valley High-Speed Train (HST) Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS)*. Available at <a href="http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx">http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx</a>. Sacramento, CA, and Washington, DC. May 2008, Revised 2010.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2010. *Draft Merced to Fresno Section Environmental Justice Outreach Plan*. Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. January 2010.



- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011. *Memorandum of Understanding (MOU) for Achieving an Environmentally Sustainable High-Speed Train System in California*. Sacramento, CA, and Washington, DC.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012. *Community Impact Assessment Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. Publication pending 2012.
- Cambridge Systematics. 2010. *California High Speed Rail County-Level Growth Inducement Projections*. *Developed for use in regional environmental studies*. Oakland, CA. July 2010.
- City of Fresno. 2010. *Draft Bicycle, Pedestrian, & Trails Master Plan*. Prepared by Fehr & Peers. Fresno, CA.
- Congressional Research Service. 2009. Farm Labor Shortages and Immigration Policy. November 9, 2009.
- Cowan, Tadlock. 2005. *California's San Joaquin Valley: A Region in Transition.* Congressional Research Service, The Library of Congress. December 12, 2005.
- Diaz, Roderick B. 1999. "*Impacts of Rail Transit on Property Values." Proceedings of the 1999 Commuter Rail/Rapid Transit Conference.* American Public Transportation Association. Mclean, VA. May 22–27, 1999.
- Eberhardt School of Business, Business Forecasting Center. 2009. Unemployment in the San Joaquin Valley in 2009: Fish or Foreclosure? Stockton, CA. August 11, 2009
- EdSource. 2011. *School Finance Highlights 2010-11*. Available at <u>http://www.edsource.org/pub11-school-finance-highlights.html</u>. Mountain View, CA. January 2011.
- Kantor, Shawn Ph.D. 2008. *The Economic Impact of the California High-Speed Rail in the Sacramento/Central Valley Area*. University of Merced, CA. September 2008.
- Madera County Agricultural Commissioner (Madera CAC). 2010. *Agricultural Crop Reports*. Available at <u>http://www.madera-county.com/agcommissioner/cropreports/index.html</u>. Accessed July 27, 2010.
- Merced County Agricultural Commissioner (Merced CAC) 2010. *Agricultural Commissioner's Annual Report*. Available at <u>http://www.co.merced.ca.us/Archive.aspx?AMID=36</u>. Accessed July 27, 2010.
- Merced County Association of Governments (MCAG). 2008. *Merced County Regional Bicycle Transportation Plan.* Available at <u>http://www.mcagov.org/pdfs/2009/FinalRegBP.pdf. Accessed</u> <u>June 2010</u>. Merced, CA. October 21, 2008.
- National Association of Realtors. 2010. Web Site Download. Available at <u>http://www.realtor.com</u>. Accessed June 4, July 5, July 13, and July 14, 2010.
- National Center for Education Statistics (NCES). 2010. U.S. Department of Education Institute of Education *Sciences, Public School Search*. Available at <u>http://nceds.ed.gov/ccd/schoolsearch</u>. Accessed February 2010. Washington, DC.
- U.S. Census Bureau. 2000a. *Decennial Census Census 2000 Summary File 1 100-% Data.* Available at <u>http://factfinder.census.gov/home/saff/main.html? lang=en</u>. Accessed January 2010. Washington, DC.



- U.S. Census Bureau. 2000b. *Decennial Census Census 2000 Summary File 3 Sample Data.* Available at <a href="http://factfinder.census.gov/home/saff/main.html?lang=en">http://factfinder.census.gov/home/saff/main.html?lang=en</a>. Accessed January 2010. Washington, DC.
- U.S. Census Bureau. 2009. ACS Demographic and Housing Estimates: 2005-2009; Selected Economic Characteristics: 2005-2009; Selected Housing Characteristics: 2005-2009; Selected Social Characteristics in the United States: 2005-2009. Washington, DC.
- U.S. Census Bureau. 2010a. Decennial Census 2010 Census Summary File 1. Available at <u>http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml. Accessed January 2012</u>. Washington, DC.
- U.S Census Bureau. 2010b. 2006-2010 American Community Survey 5-Year Estimate. Available at http://factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t. Accessed January 2012. Washington, DC.
- U.S. Department of Agriculture (USDA). 2009. 2007 *Census of Agriculture.* United states Summary and State Data. Volume 1 Geographic Area Series Part 51. Available at <a href="http://www.nass.usda.gov/census/">http://www.nass.usda.gov/census/</a>. Accessed November 2010. Washington, DC. Updated December 2009.
- U.S. Department of Commerce. 2010. *Personal Income by Major Source and Earnings by NAICS Industry*. Washington, DC.
- U.S. Department of Health and Human Services (HHS). 2000. *Migrant and Seasonal Farm Worker Enumeration Profiles Study for California.* Washington, DC.
- U.S. Department of Transportation, Federal Transit Administration (FTA). 2008. *Capturing the Value of Transit.* Reconnecting America's Center for Transit-Oriented Development. Available at <a href="http://www.reconnectingamerica.org/public/projects/318">http://www.reconnectingamerica.org/public/projects/318</a>. Washington, DC. November 2008.

### 3.13 Local Growth, Station Planning, and Land Use

- California Department of Transportation (Caltrans). 2009. *Route 99 Corridor Updated Business Plan Volume I.* Available at <u>http://www.dot.ca.gov/dist6/99masterplan/</u>. Prepared by Caltrans Districts 6 and 10. Sacramento, CA. September 2009.
- California High-Speed Rail Authority (Authority). 2008. *HST Station Development Policies. May 14, 2008 Board Meeting.* Sacramento, CA. May 14, 2008.
- California High-Speed Rail Authority (Authority). 2010. *Bay Area to Central Valley High-Speed Train (HST) Revised Final Program Environmental Impact Report (EIR). Volume I.* Sacramento, CA. August 2010.
- California High-Speed Rail Authority (Authority). 2011. *Urban Design Guidelines.* Prepared by PB's Placemaking Group. Sacramento, CA. March 2011.
- California High-Speed Rail Authority and 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*. Available at <u>http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx</u>. Sacramento, CA, and Washington, DC. August 2005.



California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2008. *Final Bay Area to Central Valley High-Speed Train (HST) Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS)*. Available at <a href="http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx">http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx</a>. Sacramento, CA, and Washington, DC. May 2008, Revised 2010.

- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011. *HST Station Area Development: General Principals and Guidelines*. Sacramento, CA, and Washington, DC. February 3, 2011.
- California State University. 2008. *Campus Master Plan California State University, Fresno*. Available at <a href="http://www.csufresno.edu/masterplan/index.shtml">http://www.csufresno.edu/masterplan/index.shtml</a>. Accessed March 2012. Fresno, CA. January 2008.
- Center for Urban Infrastructure. 2010. *Thinking Ahead High-Speed Rail in Southern California.* Prepared by Institute of Transportation Studies. University of California Irvine, CA.
- City of Atwater. 2000. *City of Atwater General Plan.* Adopted July 24, 2000. Available at <a href="http://www.atwater.org/index.cfm?page=1320197">http://www.atwater.org/index.cfm?page=1320197</a>. Prepared by Pacific Municipal Consultants (PMC). Accessed July 2010. Atwater, CA.

City of Chowchilla. 2011. *City of Chowchilla 2040 General Plan*. Adopted May 2, 2011. Available at <a href="http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen">http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen</a> plan. Prepared by Valley Planning Consultants Inc. (VPC). Chowchilla, CA. May 2, 2011.

- City of Fresno. 1977a. *Edison Community Plan*. Adopted May 10, 1977. Available at <u>http://www.fresno.gov/NR/rdonlyres/A9CFDB2B-6123-42EA-B2FB-</u> <u>8AF87A699DE9/0/EdisonCommunityPlan.pdf</u>. Fresno, CA.
- City of Fresno. 1977b. *Fresno High-Roeding Community Plan*. Adopted December 1, 1977. Available at <a href="http://www.fresno.gov/NR/rdonlyres/51C4893F-D06C-4313-8AE5-2AF278F23EF3/0/FresnoHighRoedingCommunityPlan.pdf">http://www.fresno.gov/NR/rdonlyres/51C4893F-D06C-4313-8AE5-2AF278F23EF3/0/FresnoHighRoedingCommunityPlan.pdf</a>. Fresno, CA.
- City of Fresno. 1988. *Bullard Community Plan and Related Final Environmental Impact Report No. 10096.* Available at <u>http://www.fresno.gov/NR/rdonlyres/F6C9106C-C1A0-4CB8-B802-</u> <u>2B43731CD201/0/BullardCommunityPlan.pdf</u>. Fresno, CA. December 20, 1988, Third Printing April 1991.
- City of Fresno. 1989. *Central Area Community Plan*. Available at <u>http://www.fresno.gov/NR/rdonlyres/846736A2-DE15-4BB6-8AB3-</u> <u>97625D1203DF/0/CentralAreaCommunityPlan.pdf</u>. Fresno, CA. July 1989.
- City of Fresno. 1991. *Tower District Specific Plan*. Fresno, CA. Available at <u>http://www.fresno.gov/NR/rdonlyres/9733F368-2A06-45A5-B02D-</u> <u>79B92FB72245/0/TowerDistrictSpecificPlan.pdf</u>. Fresno, CA. March 26, 1991.
- City of Fresno. 1996. *Fulton/Lowell Specific Plan*. Fresno, CA. Available at <a href="http://www.fresno.gov/NR/rdonlyres/2A7B0089-5724-4BC6-ACB7-1D6CC1251C21/0/fulton\_lowell.pdf">http://www.fresno.gov/NR/rdonlyres/2A7B0089-5724-4BC6-ACB7-1D6CC1251C21/0/fulton\_lowell.pdf</a>. Fresno, CA. January 23, 1996.
- City of Fresno. 1998. *Highway City Neighborhood Specific Plan*. Adopted January 6, 1998. Available at <a href="http://www.fresno.gov/NR/rdonlyres/2738E2F2-828F-4795-9AD2-0FCD95A6A855/0/HighwayCityNeighborhoodSpecificPlan.pdf">http://www.fresno.gov/NR/rdonlyres/2738E2F2-828F-4795-9AD2-0FCD95A6A855/0/HighwayCityNeighborhoodSpecificPlan.pdf</a>. Fresno, CA.



City of Fresno. 2002. 2025 Fresno General Plan and Related Draft Environmental Impact Report No. 10130. Available at

<u>http://www.fresno.gov/Government/DepartmentDirectory/PlanningandDevelopment/Planning/20</u> <u>25FresnoGeneralPlan.htm</u>. Prepared by City of Fresno Planning & Development Department. Accessed July 2010. Fresno, CA. February 1, 2002.

- City of Fresno. 2009a. *Land Use* (GIS shapefile: elu.shp). Available at <u>http://gis4u.fresno.gov/downloads/elu.zip</u>. Accessed January 18, 2010. Fresno, CA.
- City of Fresno. 2009b. *Zoning* (GIS shapefile: zoning.shp). Available at <a href="http://gis4u.fresno.gov/downloads/zoning.zip">http://gis4u.fresno.gov/downloads/zoning.zip</a>. Accessed January 18, 2010. Fresno, CA.
- City of Fresno. 2011a. *The Fulton Corridor Specific Plan*. Available at http://fresnodowntownplans.com/project/details/fcsp. Accessed January 11, 2012. Fresno, CA.
- City of Fresno. 2011b. Downtown *Neighborhoods Community Plan.* Available at http://fresnodowntownplans.com/project/details/dncp. Accessed January 11, 2012. Fresno, CA.
- City of Madera. 2009. *City of Madera General Plan Update and Environmental Impact Report, Public Review Draft*. Available at <u>http://maderageneralplan.com/library.html</u>. Prepared by City of Madera and Pacific Municipal Consultants (PMC). Accessed July 2010. Madera, CA. April 29, 2009.
- City of Merced. 1997. *Merced Vision 2015 General Plan.* Adopted April 7, 1997. Available at <a href="http://www.cityofmerced.org/depts/cd/planning/merced-vision-2015\_general\_plan.asp">http://www.cityofmerced.org/depts/cd/planning/merced-vision-2015\_general\_plan.asp</a>. Prepared by City of Merced Development Services Department Future Planning Division. Accessed July 2010. Merced, CA.
- City of Merced. 2006. *Prosper Merced Economic Development Strategy*. Merced, CA. December 2006.
- City of Merced. 2007a. 2007 Downtown Strategy. Merced, CA. December 2007.
- City of Merced. 2007b. *South Merced Community Plan*. Prepared by URS Corporation. Merced, CA. November 2007.
- City of Merced. 2010a. *City of Merced General Plan Existing Land Use Map*. Prepared by the Merced Data Special Services, Inc. Merced, CA. Updated October 14, 2010.
- City of Merced. 2010b. City *of Merced Zoning Official Zoning Map of the City of Merced California*. Prepared by the Merced Data Special Services, Inc. Merced, CA. Updated October 15, 2010.
- City of Merced. 2012. *Merced Vision 2030 General Plan*. Adopted with resolutions January 3, 2012. Available at http://www.cityofmerced.org/depts/cd/planning/general\_plan\_update/default.asp. Merced, CA. July 2011, Adopted January 3, 2012.
- Council of Fresno County Governments (Fresno COG). 2010. *Final 2011 Fresno Forward Regional Transportation Plan*. Available at <u>www.fresnocog.org/document.php?hwn=272</u>. Accessed October 14, 2010. Fresno, CA. July 29, 2010.
- Fresno County. 2000. *Fresno County General Plan. General Plan Update.* Available at <u>http://www.co.fresno.ca.us/DepartmentPage.aspx?id= 19705&terms=general+plan</u>. Prepared by General Plan Consultant Team, Fresno County Staff. Accessed July 2010. Fresno, CA. October 3, 2000.
- Madera County. 1995a. *Madera County General Plan*. Adopted October 24, 1995. Available at <u>http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html</u>. Accessed July 2010. Madera, CA.



- Madera County. 1995b. *State Center Community College Specific Plan*. Prepared for Madera County by Michael Brandman Associates. Available at <u>http://www.madera-</u> <u>county.com/rma/archives/uploads/1144768429 Document upload statecenter.pdf. Accessed</u> January 25, 2012.
- Madera County. 2011. *Fairmead Colony Area Plan.* Available at http://www.maderacounty.com/rma/planningdept/planning\_dept\_docs.html#COMMUNITY AREA PLANS. Prepared by Madera County Planning Department. Madera, CA. Draft May 2011.
- Madera County Transportation Commission. 2010. *Madera County 2011 Regional Transportation Plan.* Madera, CA. July 2010.
- Merced County. 1983a. Franklin Beachwood Community Specific Plan. Merced, CA. August 1983.

Merced County. 1983b. Le Grand Community Specific Plan. Merced, CA.

- Merced County. 1990. *Merced County Year 2000 General Plan*. Adopted December 4, 1990. Available at <u>http://www.co.merced.ca.us/index.aspx?NID=436</u>. Merced, CA.
- Merced County. 2004. University Community Plan. Merced, CA. Adopted December 21, 2004. Merced, CA.
- Merced County Association of Governments (MCAG). 2010. *2011 Regional Transportation Plan for Merced County*. Merced, CA. July 2010.
- Mintier Harnish, Carol Whiteside Consulting, Mogavero Notestine Associates, and The Rios Company. 2010. *San Joaquin Valley Blueprint Planning Process, Summary Report.* Available at http://www.valleyblueprint.org/news/2010/10/13/blueprint-roadmap-summary-final-report.html. September 2010.
- Transit Cooperative Research Program. 2004. TCRP Report 102 Transit-Oriented Development in the United States: Experiences, Challenges, and Prospects. Washington, DC.
- University of California at Berkeley. 2008. *Transit Oriented Development for High Speed Rail (HSR) in the Central Valley, California: Design Concepts for Stockton and Merced.* Berkeley, CA. July 2008.
- University of California at Berkeley. 2010. *Transit-Oriented Development (TOD) Design Proposals for Fresno. Final Report.* Berkeley, CA. Revised June 2010.

### **3.14 Agricultural Lands**

- Almond Board of California. 2007. *California Almonds*. Available at <a href="http://199.199.209.134/email/almond/eNewsletter/December/eNewsletter-December.html#S3">http://199.199.209.134/email/almond/eNewsletter/December/eNewsletter-December.html#S3</a>. Accessed July 6, 2010. Modesto, CA. December 2007.
- California Department of Conservation (DOC). 2004. *The Farmland Mapping and Monitoring Program*. Sacramento, CA.
- California Department of Conservation (DOC). 2007. *Williamson Act, WA, Land Conservation Act, California Land Conservation Act, CLCA. Spatial data for Merced County*. Available at <a href="http://ftp.consrv.ca.gov/pub/Dlrp/WA/Map%20and%20PDF/CALIFORNIA%20WILLIAMSON%20AC\_T/Total%20WA%20GIS%20to%202009/shapefile/">http://ftp.consrv.ca.gov/pub/Dlrp/WA/Map%20and%20PDF/CALIFORNIA%20WILLIAMSON%20AC\_T/Total%20WA%20GIS%20to%202009/shapefile/</a>. Accessed May 7, 2010. Sacramento, CA.

California Department of Conservation (DOC). 2008a. *Farmland Mapping and Monitoring Program spatial data, Fresno, Madera, and Merced Counties*. Sacramento, CA.

California Department of Conservation (DOC). 2008b. *California Farmland Conversion Report 2004-2006*. Sacramento, CA. Sacramento, CA. December 2008.



- California Department of Conservation (DOC). 2008c. *Williamson Act, WA, Land Conservation Act, California Land Conservation Act, CLCA*. Spatial data for Fresno County. Available at <a href="http://ftp.consrv.ca.gov/pub/Dlrp/WA/Map%20and%20PDF/CALIFORNIA%20WILLIAMSON%20AC\_T/Total%20WA%20GIS%20to%202009/shapefile/">http://ftp.consrv.ca.gov/pub/Dlrp/WA/Map%20and%20PDF/CALIFORNIA%20WILLIAMSON%20AC\_T/Total%20WA%20GIS%20to%202009/shapefile/</a>. Accessed May 7, 2010. Sacramento, CA.
- California Department of Conservation (DOC). 2009. *Williamson Act, WA, Land Conservation Act, California Land Conservation Act, CLCA*. Spatial data for Madera County. Available at <a href="http://ftp.consrv.ca.gov/pub/Dlrp/WA/Map%20and%20PDF/CALIFORNIA%20WILLIAMSON%20AC\_T/Total%20WA%20GIS%20to%202009/shapefile/">http://ftp.consrv.ca.gov/pub/Dlrp/WA/Map%20and%20PDF/CALIFORNIA%20WILLIAMSON%20AC\_T/Total%20WA%20GIS%20to%202009/shapefile/</a>. Accessed May 7, 2010. Sacramento, CA.
- California Department of Conservation (DOC), Williamson Act Program, 2010. *The California Land Conservation (Williamson) Act Status Report 2010*. November 2010. Sacramento, CA.
- California Department of Food and Agriculture. 2009. California *Agricultural Highlights 2008-2009*. Available at <u>http://cdfa.ca.gov/Statsitics/personal communications</u>. Accessed July 2009. Sacramento, CA.
- Castillo, Dr. Alejandro. 2010. Dairy Farm Advisor, University of California Cooperative Extension, Sacramento, CA. Email communication regarding dairy farm compliance with nutrient management plan with Kathy Rose/CH2M HILL. October 26, 2010.
- CH2M HILL. 2010. *HST Tour of Agricultural Lands June 28, 2010*. Technical Memorandum. Sacramento, CA. July 14, 2010.
- City of Chowchilla. 2011. *City of Chowchilla 2040 General Plan*. Adopted May 2, 2011. Available at <a href="http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen">http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen</a> plan. Prepared by Valley Planning Consultants Inc. (VPC). Chowchilla, CA. May 2, 2011.
- City of Fresno. 2002. *2025 Fresno General Plan and Related Draft Environmental Impact Report No. 10130.* Available at <u>http://www.fresno.gov/Government/DepartmentDirectory/PlanningandDevelopment/Planning/20</u> <u>25FresnoGeneralPlan.htm</u>. Prepared by City of Fresno Planning & Development Department. Fresno, CA. February 1, 2002.
- City of Madera. 2009. *City of Madera General Plan Update and Environmental Impact Report, Public Review Draft*. Available at <u>http://maderageneralplan.com/library.html</u>. Prepared by City of Madera and Pacific Municipal Consultants (PMC). Accessed December 16, 2009. Madera, CA. April 29, 2009.
- City of Merced. 2012. *Merced Vision 2030 General Plan*. Adopted with resolutions January 3, 2012. Available at http://www.cityofmerced.org/depts/cd/planning/general\_plan\_update/default.asp. Merced, CA. July 2011, Adopted January 3, 2012.
- Federal Railroad Administration (FRA). 1999. Assessment of Potential Aerodynamic Effects on Personnel and Equipment in Proximity to High-Speed Train Operations. Safety of High-Speed Ground Transportation Systems. Washington, DC. December 1999.
- Federal Railroad Administration (FRA). 2005. *Railroad Corridor Transportation Plans A Guidance Manual.* Washington, DC. Revised July 8, 2005.
- Fresno County. 2000. *Fresno County General Plan. General Plan Update.* Available at <u>http://www.co.fresno.ca.us/DepartmentPage.aspx?id= 19705&terms=general+plan</u>. Prepared by General Plan Consultant Team, Fresno County Staff. Fresno, CA. October 3, 2000.
- Fresno County Department of Agriculture. 2009. *2009 Annual Agricultural Crop and Livestock Report*. Fresno, CA.

- Gage, Terry. 2010a. Executive Director, California Agricultural Aircraft Association, Lincoln, CA. Telephone interview regarding agricultural aerial applications with John Deaton/CH2M HILL. July 13, 2010.
- Gage, Terry. 2010b. Executive Director, California Agricultural Aircraft Association, Lincoln, CA. follow-up telephone interview regarding aerial application restrictions with John Deaton/CH2M HILL. August 30, 2010.
- Madera County. 1995. *Madera County General Plan*. Adopted October 24, 1995. Available at <u>http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html</u>. Madera, CA.
- Madera County Department of Agriculture. 2009. 2009 Agricultural Crop Report. Madera, CA.
- Merced County. 1990. *Merced County Year 2000 General Plan*. Adopted December 4, 1990. Available at <a href="http://www.co.merced.ca.us/index.aspx?NID=436">http://www.co.merced.ca.us/index.aspx?NID=436</a>. Merced, CA.

Merced County. 2009. Merced County 2009 Annual Report on Agriculture. Merced, CA.

Merced County. 2011. 2030 Merced County General Plan Public Review Policy Documents. Available at <a href="http://www.co.merced.ca.us/index.aspx?NID=1766">http://www.co.merced.ca.us/index.aspx?NID=1766</a>. Merced, CA. February 2011.

- Neppert and Sanderson. 1977. *Comparison of Modeled and Measured Results and Theory of High-Speed Train Aerodynamics*. Berlin, Germany. April 1977.
- San Joaquin Valley Blue Print Planning Process. 2009. *San Joaquin Valley Blueprint April 2009 Update*. April 2009.

Sterling, Mark and Chris Baker. 2010. School of Engineering, University of Birmingham, United Kingdom. Personal communication via telephone regarding slipstreams of high-speed trains with Mark Bennett/CH2M HILL. August 23, 2010.

- U.S. Department of Agriculture (USDA). 2007. *Census of Agriculture Profile Information for Merced County*. Merced, CA.
- U.S. Department of Agriculture (USDA). 2009. *2007 Census of Agriculture State Data: California, Table 9*. Available at <u>http://www.agcensus.usda.gov/Publications/2007/Full Report/index.asp</u>. Washington, DC.

### 3.15 Parks, Recreation, and Open Space

California High-Speed Rail Authority and 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*. Available at <u>http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx</u>. Sacramento, CA, and Washington, DC. August 2005.

California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2008. *Final Bay Area to Central Valley High-Speed Train (HST) Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS)*. Available at <a href="http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx">http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx</a>. Sacramento, CA, and Washington, DC. May 2008, Revised 2010.

City of Atwater. 2000. *City of Atwater General Plan. Section 2 Land Use, Public Facilities and Community Infrastructure. Section 4 Open Space and Conservation.* Adopted July 24, 2000. Available at <u>http://www.atwater.org/index.cfm?page=1320197</u>. Prepared by Pacific Municipal Consultants (PMC). Atwater, CA.



- City of Chowchilla. 2011. *City of Chowchilla 2040 General Plan*. Adopted May 2, 2011. Available at <a href="http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen">http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen</a> plan. Prepared by Valley Planning Consultants Inc. (VPC). Chowchilla, CA. May 2, 2011.
- City of Fresno. 2002. 2025 Fresno General Plan and Related Draft Environmental Impact Report No. 10130. Section E, Public Facilities Element. Section F, Open Space/Recreation Element. Available at http://www.fresno.gov/Government/DepartmentDirectory/PlanningandDevelopment/Planning/20

<u>http://www.fresno.gov/Government/DepartmentDirectory/PlanningandDevelopment/Planning/20</u> <u>25FresnoGeneralPlan.htm</u>. Prepared by City of Fresno Planning & Development Department. Fresno, CA. February 1, 2002.

- City of Fresno. 2009. Parks and Facilities. Available at <a href="http://www.fresno.gov/Government/DepartmentDirectory/ParksandRecreation/ParksandFacilities/default.htm">http://www.fresno.gov/Government/DepartmentDirectory/ParksandRecreation/ParksandFacilities/default.htm</a>. Accessed July 2011. Fresno, CA.
- City of Fresno. 2011. *Roeding Regional Park and Fresno Chaffee Zoo Facility Master Plans, Final Environmental Impact Report and Response to Comments on the Recirculated Draft Environmental Impact Report.* SCH No. 2008031002. Available at <u>http://www.fresno.gov/pmp</u>. Fresno, CA. June 14, 2011.
- City of Madera. 2009a. *City of Madera General Plan Update and Environmental Impact Report, Public Review Draft*. Available at <u>http://maderageneralplan.com/library.html</u>. Prepared by City of Madera and Pacific Municipal Consultants (PMC). Accessed December 16, 2009. Madera, CA. April 29, 2009.

City of Madera. 2009b. *Parks and Recreation Master Plan Draft*. Madera, CA. June 2009.

City of Merced. 2012. *Merced Vision 2030 General Plan*. Adopted with resolutions January 3, 2012. Available at <u>http://www.cityofmerced.org/depts/cd/planning/general plan update/default.asp</u>. Merced, CA. July 2011, Adopted January 3, 2012.

- City of Merced. 2003. *Park and Open Space Master Plan, Executive Summary.* Available at <a href="http://www.cityofmerced.org/depts/parks\_n\_community\_services/info/master\_plan.asp">http://www.cityofmerced.org/depts/parks\_n\_community\_services/info/master\_plan.asp</a>, Accessed January 2011. Merced, CA. December 2003.
- City of Merced. 2004. *Parks and Recreation Open Space Master Plan Neighborhood Park Service Area Map.* Prepared by City of Merced. Merced, CA. January 2004.
- City of Merced. 2010. *Draft Merced Vision 2030 General Plan.* Available at <a href="http://www.cityofmerced.org/civica/filebank/blobload.asp?BlobID=9165">http://www.cityofmerced.org/civica/filebank/blobload.asp?BlobID=9165</a>. Merced, CA. August 2010.
- City of Merced. 2011. Website. Available at <a href="http://www.cityofmerced.org/depts/redevelopment\_agency/completed\_redevelopment\_projects/improvements.asp">http://www.cityofmerced.org/depts/redevelopment\_agency/completed\_redevelopment\_projects/improvements.asp</a>. Merced, CA.
- Federal Railroad Administration (FRA). 2005. *High-Speed Ground Transportation Noise and Vibration Impact Assessment*. Available at <u>http://www.fra.dot.gov/us/content/253</u>. U.S. Department of Transportation, Office of Railroad Development. Washington, DC. October 2005.
- Fresno County. 2000. *Fresno County General Plan. General Plan Update.* Available at <u>http://www.co.fresno.ca.us/DepartmentPage.aspx?id= 19705&terms=general+plan</u>. Prepared by General Plan Consultant Team, Fresno County Staff. Accessed July 2010. Fresno, CA. October 3, 2000.

U.S. Department

of Transportation Federal Railroad

Administration



Madera County. 1995. *Madera County General Plan*. Adopted October 24, 1995. Available at <a href="http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html">http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html</a>. Accessed July 2010. Madera, CA.

Merced City School District. 2011. *Joe Stefani Elementary School*. Available at <u>http://www.mcsd.k12.ca.us/sections/schools/Stefani. Accessed July 2011</u>. Merced, CA.

- Merced County. 1990. *Merced County Year 2000 General Plan*. Adopted December 4, 1990. Available at <u>http://www.co.merced.ca.us/index.aspx?NID=436</u>. Accessed July 2010. Merced, CA.
- San Joaquin River Parkway and Conservancy Trust. 2007. *Parkway Map*. Available at <u>http://www.riverparkway.org/about ParkwayParks.asp</u>. December 3, 2007.
- Vejar, Peggy. 2011. Deputy Director, Merced County Park and Recreation Department. Merced, CA. Personal communication via telephone regarding Joe Stefani Elementary School and the use of the school grounds for public recreation with Michael Hoffmann/CH2M HILL. January 28, 2011.

### 3.16 Aesthetics and Visual Quality

- California Department of Transportation (Caltrans). 2007. *Standard Environmental Reference.* Chapter 27: Visual & Aesthetics Review. Available at <a href="http://www.dot.ca.gov/ser/vol1/sec3/community/ch27via/chap27via.htm">http://www.dot.ca.gov/ser/vol1/sec3/community/ch27via/chap27via.htm</a>. Accessed February 22, 2010. Sacramento, CA.
- California Department of Transportation (Caltrans). 2010. *California Scenic Highway Program.* Available at <a href="http://www.dot.ca.gov/hq/LandArch/scenic highways/scenic hwy.htm">http://www.dot.ca.gov/hq/LandArch/scenic highways/scenic hwy.htm</a>. Accessed February 22, 2010. Sacramento, CA.
- California High-Speed Rail Authority (Authority). 2011a. TM 200.06. *Aesthetic Guidelines for Non-Station Structures*. Sacramento, CA. November 3, 2011.
- California High-Speed Rail Authority (Authority). 2011b. Urban Design Guidelines, California High-Speed Train Project. Sacramento, CA. March 2011.
- California High-Speed Rail Authority and 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*. Available at <u>http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx</u>. Sacramento, CA, and Washington, DC. August 2005.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012. *Aesthetics and Visual Quality Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. Publication pending 2012.
- City of Atwater. 2000. *City of Atwater General Plan.* Adopted July 24, 2000. Available at <a href="http://www.atwater.org/index.cfm?page=1320197">http://www.atwater.org/index.cfm?page=1320197</a>. Prepared by Pacific Municipal Consultants (PMC). Accessed July 2010. Atwater, CA.
- City of Chowchilla. 2008. *City of Chowchilla Downtown Master Plan, Volume 1: Master Plan Goals, Objectives and Policies, Public Review Draft*. Chowchilla, CA. September 15, 2008.
- City of Chowchilla. 2011. *City of Chowchilla 2040 General Plan*. Adopted May 2, 2011. Available at <a href="http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen">http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen</a> plan. Prepared by Valley Planning Consultants Inc. (VPC). Chowchilla, CA. May 2, 2011.

U.S. Department

of Transportation Federal Railroad

Administration



- City of Fresno. 1991. *Tower District Specific Plan*. Fresno, CA. Available at <u>http://www.fresno.gov/NR/rdonlyres/9733F368-2A06-45A5-B02D-</u> <u>79B92FB72245/0/TowerDistrictSpecificPlan.pdf</u>. Fresno, CA. March 26, 1991.
- City of Fresno. 1998. *Highway City Neighborhood Specific Plan*. Adopted January 6, 1998. Available at <a href="http://www.fresno.gov/NR/rdonlyres/2738E2F2-828F-4795-9AD2-0FCD95A6A855/0/HighwayCityNeighborhoodSpecificPlan.pdf">http://www.fresno.gov/NR/rdonlyres/2738E2F2-828F-4795-9AD2-0FCD95A6A855/0/HighwayCityNeighborhoodSpecificPlan.pdf</a>. Fresno, CA.
- City of Fresno. 2002. 2025 Fresno General Plan and Related Draft Environmental Impact Report No. 10130. Available at <u>http://www.fresno.gov/Government/DepartmentDirectory/PlanningandDevelopment/Planning/20</u> 25FresnoGeneralPlan.htm. Prepared by City of Fresno Planning & Development Department. Fresno, CA. February 1, 2002.
- City of Madera. 2009. *City of Madera General Plan Update and Environmental Impact Report, Public Review Draft*. Available at <u>http://maderageneralplan.com/library.html</u>. Prepared by City of Madera and Pacific Municipal Consultants (PMC). Accessed July 2010. Madera, CA. April 29, 2009.
- City of Merced. 2012. *Merced Vision 2030 General Plan*. Adopted with resolutions January 3, 2012. Available at <u>http://www.cityofmerced.org/depts/cd/planning/general\_plan\_update/default.asp</u>. Merced, CA. July 2011, Adopted January 3, 2012.
- Fresno County. 2000. *Fresno County General Plan. General Plan Update.* Available at <u>http://www.co.fresno.ca.us/DepartmentPage.aspx?id= 19705&terms=general+plan</u>. Prepared by General Plan Consultant Team, Fresno County Staff. Accessed July 2010. Fresno, CA. October 3, 2000.
- Madera County. 1995. *Madera County General Plan*. Adopted October 24, 1995. Available at <a href="http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html">http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html</a>. Accessed July 2010. Madera, CA.
- Merced County. 1990. *Merced County Year 2000 General Plan*. Adopted December 4, 1990. Available at <a href="http://www.co.merced.ca.us/index.aspx?NID=436">http://www.co.merced.ca.us/index.aspx?NID=436</a>. Accessed July 2010. Merced, CA.
- San Joaquin River Conservancy. 2000. *Recompiled San Joaquin River Parkway Master Plan. Adopted on July 20, 2000.* Fresno, CA.
- U.S. Department of Transportation, Federal Highway Administration (FHWA). 1988. *Visual Impact Assessment for Highway Projects.* Washington, DC.

### 3.17 Cultural and Paleontological Resources

Bureau of Land Management (BLM). 2008. *BLM Instructional Memorandum 2008-009*. United States Department of the Interior, Bureau of Land Management. Washington, DC. October 15, 2007.

California High-Speed Rail Authority and 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*. Available at <u>http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx</u>. Sacramento, CA, and Washington, DC. August 2005.

California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2008. *Final Bay Area to Central Valley High-Speed Train (HST) Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS)*. Available at <a href="http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx">http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx</a>. Sacramento, CA, and Washington, DC. May 2008, Revised 2010.

- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2009a. *Draft Archaeological Survey Plan and Evaluation Plan for the Merced to Fresno High-Speed Train Project Environmental Impact Report/Environmental Impact Statement*. Prepared by CH2M HILL. Sacramento, CA, and Washington, DC. October 2009.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2009b. *Draft Architectural Survey Plan for the San Francisco to San Jose Corridor High-Speed Train Project Environmental Impact Report/Environmental Impact Statement*. Sacramento, CA, and Washington, DC. August 2009.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012a. *Historic Properties Survey Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM. Sacramento, CA, and Washington, DC. Publication pending 2012.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012b. *Historic Architectural Survey Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM. Sacramento, CA, and Washington, DC. Publication pending 2012.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012c. *Archaeology Survey Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM. Sacramento, CA, and Washington, DC. Publication pending 2012.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012d. Draft Findings of Effect, California High-Speed Train Project EIR/EIS, Merced to Fresno Section. Prepared by AECOM. Sacramento, CA, and Washington, DC. March 2012.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012e. *Paleontological Resources Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section*. Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. Publication pending 2012.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012f. *Archaeological Survey Report Addendum Extended Phase I Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM. Sacramento, CA, and Washington, DC. March 2012.
- California Office of Historic Preservation (OHP). 1991. *Guidelines for Archaeological Research Designs*. Available at <u>http://www.parks.ca.gov/pages/1069/files/arch%20research%20design.pdf</u>. Accessed August 2010. Sacramento, CA. February 1991.
- California Office of Historic Preservation (OHP). No Date. *Historic Structure Report Format*. Available at <a href="http://www.parks.ca.gov/?page\_id=1069">http://www.parks.ca.gov/?page\_id=1069</a>. Sacramento, CA.
- City of Atwater. 2000. *City of Atwater General Plan.* Adopted July 24, 2000. Available at <u>http://www.atwater.org/index.cfm?page=1320197</u>. Prepared by Pacific Municipal Consultants (PMC). Atwater, CA.
- City of Chowchilla. 2011. *City of Chowchilla 2040 General Plan*. Adopted May 2, 2011. Available at <a href="http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen">http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen</a> plan. Prepared by Valley Planning Consultants Inc. (VPC). Chowchilla, CA. May 2, 2011.
- City of Fresno. 2002. 2025 Fresno General Plan and Related Draft Environmental Impact Report No. 10130. Available at

<u>http://www.fresno.gov/Government/DepartmentDirectory/PlanningandDevelopment/Planning/20</u> <u>25FresnoGeneralPlan.htm</u>. Prepared by City of Fresno Planning & Development Department. Accessed August 2010. Fresno, CA. February 1, 2002.



- City of Madera. 2009. *City of Madera General Plan Update and Environmental Impact Report, Public Review Draft*. Available at <u>http://maderageneralplan.com/library.html</u>. Prepared by City of Madera and Pacific Municipal Consultants (PMC). Accessed August 2010. Madera, CA. April 29, 2009.
- City of Merced. 2012. *Merced Vision 2030 General Plan*. Adopted with resolutions January 3, 2012. Available at <u>http://www.cityofmerced.org/depts/cd/planning/general plan update/default.asp</u>. Merced, CA. July 2011, Adopted January 3, 2012.
- Darcangelo, Michael. 2007. *Primary Record: P-24-001862*. On file at the Central California Information Center (CCIS), California State University, Stanislaus. Turlock, California.
- Dillon, Brian D. 2002. *California Paleo-Indians: Lack of Evidence, or Evidence of a Lack?* In *Essays in California Archaeology: A Memorial to Franklin Fenenga*. Edited by William J. Wallace and Francis A. Riddell. Contributions of the University of California Archaeological Research Facility, No. 60. Berkeley, California.
- Donaldson, Milford Wayne. 2012. State Historic Preservation Officer, Office of Historic Preservation, Sacramento, CA. Letter regarding Section 106 Consultation for the Merced to Fresno Section High-Speed Train Project. March 26, 2012.
- Dundas, Robert G, Randall B. Smith, Kenneth L. Verosub. 1996. *The Fairmead Landfill Locality* (*Pleistocene, Irvingtonian*), *Madera County, California: preliminary report and significance*. Madera, CA, and UC Berkeley, CA. September 13, 1996.
- Flint, Sandra S. 2001. *Historic Property Survey Report for the Friant Road Improvement Project, Fresno County, California*. Prepared by Applied Earthworks, Inc. Submitted to the County of Fresno Public Works Department and California Department of Transportation, District 6. Fresno, CA.
- Fredrickson, David A. 1973. *Early Cultures of the North Coast Ranges, California*. Unpublished PhD dissertation, Department of Anthropology, University of California, Davis, CA.
- Fredrickson, David A. 1974. *Cultural Diversity in Early California: A View from the North Coast Ranges.* Journal of California Anthropology. Banning, CA.
- Fredrickson, David A. 1994. Archaeological Taxonomy in Central California Reconsidered. In *Toward a New Taxonomic Framework for Central California Archaeology: Essays by James A. Bennyhoff and David A. Fredrickson*, edited by R. E. Hughes. Contributions of the University of California Archaeological Research Facility, No. 52, Berkeley, CA.
- Fresno County. 2000. *Fresno County General Plan. General Plan Update.* Available at <u>http://www.co.fresno.ca.us/DepartmentPage.aspx?id= 19705&terms=general+plan</u>. Prepared by General Plan Consultant Team, Fresno County Staff. Fresno, CA. October 3, 2000.
- Heizer, Robert F. 1938. A Folsom-type Point from the Sacramento Valley. Southwest Museum Masterkey.
- Kroeber, Alfred J. 1925. *Handbook of the Indians of California*. Bulletin 78, Bureau of American Ethnology, Smithsonian Institution. Government Printing Office, Washington, DC. Reprinted 1976.
- Lettis, W.R., and J.R. Unruh. 1991. *Quaternary Geology of the Great Valley, California. The Geology of North America, Volume K-2, Quaternary Non-Glacial Geology: Conterminous U. S., edited by R.B. Morrison, pp. 164-176.* Geological Society of America. Boulder, CO.
- Madera County. 1995. *Madera County General Plan*. Adopted October 24, 1995. Available at <a href="http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html">http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html</a>. Accessed August 2010. Madera, CA.



- Merced County. 1990. *Merced County Year 2000 General Plan*. Adopted December 4, 1990. Available at <a href="http://www.co.merced.ca.us/index.aspx?NID=436">http://www.co.merced.ca.us/index.aspx?NID=436</a>. Merced, CA.
- Mithun, Marianne. 2001. *The Languages of Native North America*. Pages 566-571. Cambridge University Press, New York City, New York.
- Moratto, Michael J. 1984. California Archaeology. Academic Press. San Diego, CA.
- Olsen, William H. and Louis A. Payen. 1968. *Archaeology of the Little Panoche Reservoir, Fresno County, California*. Archaeological Reports 11. California Department of Parks and Recreation. Sacramento, CA.
- Olsen, William H. and Louis A. Payen. 1969. *Archaeology of the Grayson Site, Merced County, California*. Archaeological Reports 12. California Department of Parks and Recreation. Sacramento, CA.
- Peak, Ann S., and Tony F. Weber. 1978. Archaeological Investigations at the Wolfsen Mount, CA-MER-215, EIR for the City of Newman, CA. Merced, CA.
- Riddell, Francis A., and William H. Olsen. 1969. *An Early Man Site in the San Joaquin Valley*. American Antiquity, Volume 34, Number 2. April 1969.
- Rosenthal, Jeffrey S., and Jack Meyer. 2004a. *Landscape Evolution and the Archaeological Record: A Geoarchaeological Study of the Southern Santa Clara Valley and Surrounding Region*. Center for Archaeological Research at Davis, Publication No. 14. University of California, Davis.
- Rosenthal, Jeffrey S., and Jack Meyer. 2004b. *Cultural Resources Inventory of Caltrans District 10, Rural Conventional Highways*. In Geoarchaeological Study, Volume 3, Landscape Evolution and the Archaeological Record of Central California. Prepared by Far Western Anthropological Research Group. Davis, CA.
- Rosenthal, Jeffrey S., Gregory G. White, and Mark Q. Sutton. 2007. *The Central Valley: A View from the Catbird's Seat. In California Prehistory: Colonization, Culture, and Complexity*. Edited by Terry L. Jones and Kathryn A. Klar. AltaMira Press. Lanham, MD.
- Silverstein, Michael. 1978. *"Yokuts: Introduction."* Published in Handbook of North American Indians, Vol. 8, California, Pages 446-447. Smithsonian Institution, Washington, D.C.
- Society of Vertebrate Paleontology (SVP). 1995a. *Assessment and Mitigation of Adverse Impacts to Nonrenewable Paleontologic Resources: Standard Guidelines*. Conformable Impact Mitigation Guidelines Committee. Deerfield, IL.
- Society of Vertebrate Paleontology (SVP). 1995b. *Standard Guidelines and Ratings of Paleontological Sensitivity*. New York, NY.
- Society of Vertebrate Paleontology (SVP). 1996. *Conditions of Receivership for Paleontologic Salvage Collections*. Society of Vertebrate Paleontology News Bulletin 166:31–32. New York, NY.
- Society of Vertebrate Paleontology (SVP). No Date. "Assessment and Mitigation of Adverse Impacts to Nonrenewable Paleontologic Resources: Standard Guidelines." Deerfield, IL.
- Thorne, R.M. 1991. "*Intentional Site Burial: A Technique to Protect Against Natural or Mechanical Loss*" National Park Service Technical Brief Number 5. Available at <u>http://www.nps.gov/archeology/pubs/techbr/tch5.htm</u>. Washington, DC. September 1989, Revised 1991.
- SRI 2002. Completion of Fieldwork Letter Report for Extended Phase I and Phase II Investigations at the Deadman Site (CA-MER-381/H), Merced 99 Freeway Conversion, EA 10-415700. Letter report prepared for the Central California Cultural Resources Branch of Caltrans, Fresno, California.





- Treganza, Adan E. 1960. *Archaeological Investigations in the San Luis Reservoir Area, Merced County, California*. Report to California Department of Parks and Recreation. Sacramento. CA.
- Trnka, Joe, Jackie Eldredge, and Kenny Sonoquie. 1994. *Archaeological Investigation of Castle Air Force Base, Merced County, California*. Report prepared by EARTH TECH and Science Applications International Corporation (SAIC) for the Air Force Center for Environmental Excellence, Environmental Conservation, and Planning, Brooks Air Force Base, TX.
- U.S. Department of Transportation, Federal Highway Administration, and State of California Department of Transportation. 2005. *Plainsburg/Arboleda Freeway Project - On State Route 99 in Merced County 10-Mer-99-KP 0.0/16.9 (PM 0.0/10.5) 10-415700/415800. Environmental Assessment/ Environmental Impact Report.* Sacramento, CA. November 2005.
- Wallace, William J. 1978. Northern Valley Yokuts. Edited by Robert F. Heizer, pp. 462-470. Handbook of North American Indians, Vol. 8, William G. Sturtevant, General Editor, Smithsonian Institution, Washington, DC.
- White, Gregory G. 2003. *Testing and Mitigation at Four Sites on Level (3) Long Haul Fiber Optic Alignment, Colusa County, California*. Archaeological Research Program, California State University, Chico. Report prepared for Kiewit Pacific. Concord, CA.
- White, Phillip M. 2009. California Indians and Their Reservations: An Online Dictionary. SDSU Library & Information Access. Available at <u>http://infodome.sdsu.edu/research/guides/calindians/calinddict.shtml</u>. Accessed January 15, 2010. San Diego, California.

#### 3.18 Regional Growth

- California Department of Finance (CDOF). 2010a. *E-5 Population and Housing Estimates for Cities, Counties and the State, 2001-2010, with 2000 Benchmark*. Accessed October 25, 2010. Sacramento, CA. May 2010.
- California Department of Finance (CDOF). 2010b. *Population Projections by Race/Ethnicity for California and its Counties 2000-2050 Report 06 P-1*. Available at <u>http://www.dof.ca.gov/research/demographic/reports/#projections</u>. Accessed June 25, 2010. Sacramento, CA.
- California Department of Transportation (Caltrans). 2009. *Route 99 Corridor Updated Business Plan Volume I.* Available at <u>http://www.dot.ca.gov/dist6/99masterplan/</u>. Prepared by Caltrans Districts 6 and 10. Sacramento, CA. September 2009.
- California Employment Development Department (CEDD). 2010a. *Employment by Industry Data Current Month Employment May 2010 Preliminary*. Available at <a href="http://www.labormarketinfo.edd.ca.gov/?pageid=166">http://www.labormarketinfo.edd.ca.gov/?pageid=166</a>. Accessed June 25, 2010. Sacramento, CA.
- California Employment Development Department (CEDD). 2010b. *Annual Average Labor Force Data for Counties*. Available at <u>http://www.labormarketinfo.edd.ca.gov/?pageid=166</u>. Accessed October 20, 2010. Sacramento, CA.
- California Employment Development Department (CEDD). 2010c. *Annual Average Labor Force Data for Sub-County Areas*. Available at <u>http://www.labormarketinfo.edd.ca.gov/?pageid=166</u>. Accessed October 20, 2010. Sacramento, CA.
- California Employment Development Department (CEDD). 2010d. *Monthly Labor Force Data for Cities and Census Designated Places (CDP). Annual Average 2010 Revised.* Sacramento, CA. May 20, 2011, March 2010 Benchmark.



- California High-Speed Rail Authority (Authority). 2010. *Bay Area to Central Valley High-Speed Train (HST) Revised Final Program Environmental Impact Report (EIR). Volume I.* Sacramento, CA. August 2010.
- California High-Speed Rail Authority and 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*. Available at <a href="http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx">http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx</a>. Sacramento, CA, and Washington, DC. August 2005.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2008. *Final Bay Area to Central Valley High-Speed Train (HST) Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS)*. Available at <a href="http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx">http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx</a>. Sacramento, CA, and Washington, DC. May 2008, Revised 2010.
- California Transportation Commission. 2010. *2010 California Regional Transportation Plan Guidelines*. Adopted April 7, 2010. Sacramento, CA.
- Cambridge Systematics, Inc. 2003. *Economic Growth Effects of the System Alternatives for the Program Environmental Impact Report/Environmental Impact Statement, Final Report*. Oakland, CA. July 2003.
- Cambridge Systematics, Inc. 2007. *Economic Growth Effects Analysis for the Bay Area to Central Valley Program-Level Environmental Impact Report and Tier 1 Environmental Impact Statement, Final Report*. Oakland, CA. July 2007.
- Cambridge Systematics. 2010. *California High Speed Rail County-Level Growth Inducement Projections*. *Developed for use in regional environmental studies*. Oakland, CA. July 2010.
- Central Valley Business Times. 2010. "*Central Valley jobless rates will stay in double digits until 2014.*" Available at <u>http://www.centralvalleybusinesstimes.com/templates/print.cfm?ID=16640</u>. Accessed October 28, 2010. Stockton, CA. October 21, 2010.
- Chung, Kathy. 2010. Planner, Council of Fresno County Governments. Fresno, CA. E-mail communication regarding Fresno 2035 Population Project June 2010 with Fatuma Yusuf/CH2M HILL. July 7, 2010.
- City of Chowchilla. 2010. *Draft Environmental Impact Report—2040 General Plan and the Rancho Calera Specific Plan*. Available at <u>http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen plan</u>. Chowchilla, CA. August 11, 2010.
- City of Chowchilla. 2011. *City of Chowchilla 2040 General Plan*. Adopted May 2, 2011. Available at <a href="http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen">http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen</a> plan. Prepared by Valley Planning Consultants Inc. (VPC). Chowchilla, CA. May 2, 2011.
- City of Fresno. 2002. 2025 Fresno General Plan and Related Draft Environmental Impact Report No. 10130. Available at http://www.fresno.gov/Government/DepartmentDirectory/PlanningandDevelopment/Planning/20 25FresnoGeneralPlan.htm. Prepared by City of Fresno Planning & Development Department. Accessed July 2010. Fresno, CA. February 1, 2002.
- City of Madera. 2009. *City of Madera General Plan Update and Environmental Impact Report, Public Review Draft*. Available at <u>http://maderageneralplan.com/library.html</u>. Prepared by City of Madera and Pacific Municipal Consultants (PMC). Accessed July 2010. Madera, CA. April 29, 2009.



- City of Merced. 2012. *Merced Vision 2030 General Plan*. Adopted with resolutions January 3, 2012. Available at http://www.cityofmerced.org/depts/cd/planning/general\_plan\_update/default.asp. Merced, CA. July 2011, Adopted January 3, 2012.
- Council of Fresno County Governments (Fresno COG). 2007. 2007 *Regional Transportation Plan The Long Range Transportation Vision for the Fresno County Region for the Years 2007 to 2030.* Available at <u>http://www.fresnocog.org/document.php?pid=272</u>. Accessed July 2010. Fresno, CA.
- Council of Fresno County Governments (Fresno COG). 2010. 2011 Regional Transportation Plan Long Range Transportation Vision for the Fresno County Region for the Years 2010 to 2035. Adopted July 29. Available at http://www.fresnocog.org/rtp. Accessed October 17, 2010.
- Cowan, Tadlock. 2005. *California's San Joaquin Valley: A Region in Transition.* Congressional Research Service, The Library of Congress. Washington, DC. December 12, 2005.
- Fresno County. 2010. *Fresno County General Plan. Public Review Draft Policy Document.* Fresno, CA. August 1, 2010.
- Madera County. 1995. *Madera County General Plan*. Adopted October 24, 1995. Available at <a href="http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html">http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html</a>. Madera, CA.
- Madera County Transportation Commission (MCTC). 2010. *Madera County 2011 Regional Transportation Plan*. Adopted July 21, 2010. Available at <u>http://www.maderactc.org/public.html</u>. Accessed October 17, 2010. Madera, CA.
- Merced County. 1990. *Merced County Year 2000 General Plan*. Adopted December 4, 1990. Available at <a href="http://www.co.merced.ca.us/index.aspx?NID=436">http://www.co.merced.ca.us/index.aspx?NID=436</a>. Merced, CA.
- Merced County. 2009. *Merced County General Plan Update, Revised Alternatives Report*. Available at <a href="http://www.co.merced.ca.us/pdfs/gpu/documents">http://www.co.merced.ca.us/pdfs/gpu/documents</a> maps/MCGPU Revised-Alternatives FINAL 2009-10-23.pdf. Merced, CA. October 2009.
- Merced County Association of Governments (MCAG). 2010. *2011 Regional Transportation Plan for Merced County*. Adopted July 15, 2010. Available at <u>http://www.mcagov.org/</u>. Accessed October 17, 2010. Merced, CA.
- Mintier Harnish, Carol Whiteside Consulting, Mogavero Notestine Associates, and The Rios Company. 2010. *San Joaquin Valley Blueprint Planning Process, Summary Report.* Available at <u>http://www.valleyblueprint.org/news/2010/10/13/blueprint-roadmap-summary-final-report.html.</u> <u>Accessed February 16</u>, 2011. September 2010.
- Nelson, Arthur C. 2011. *The New California Dream: How Demographic and Economic Trends may Shape the Housing Market*. Urban Land Institute. Washington, DC. 2011.
- Teitz, Michael B, Charles Dietzel, and William Fulton. 2005. *Urban Development Futures in the San Joaquin Valley*. San Francisco, CA.
- U.S. Census Bureau. 2000. *Summary File 1 2000 Census of Population and Housing*. Available at <u>http://factfinder.census.gov/home/saff/main.html? Lang=en</u>. Accessed June 15, 2011. Washington, DC. Issued July 2007.
- U.S. Census Bureau. 2010. Profile of General Population and Housing Characteristics: 2010, Dataset. Available at <u>http://factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t</u>. Accessed June 15, 2011. Washington, DC.



### **3.19 Cumulative Impacts**

- American Water Works Association (AWWA). 2010. *Water Use Statistics*. Available at <a href="http://www.drinktap.org/consumerdnn/Home/WaterInformation/Conservation/WaterUseStatistics/tabid/85/Default.aspx">http://www.drinktap.org/consumerdnn/Home/WaterInformation/Conservation/WaterUseStatistics/tabid/85/Default.aspx</a>. Accessed September 29, 2010. Denver, CO.
- Bertaut, Carol, and Laurie Pounder. 2009. *The Financial Crisis and U.S. Cross-Border Financial Flows.* Federal Reserve Bulletin. November 2009.
- Brogdon, Mike. 2010. Fresno Police Department, Fresno, CA. Personal communication via e-mail regarding police department response times with Colleen Roberts/CH2M HILL. May 27, 2010.
- California Department of Fish and Game (CDFG). 2007. *California Wildlife Conservation Challenges: California's Wildlife Action Plan.* Available at <u>http://www.dfg.ca.gov/wildlife/WAP/docs/report/full-report.pdf</u>. Prepared by UC Davis Wildlife Health Center. Accessed March 3, 2011.
- California Department of Transportation (Caltrans). 2009. *Route 99 Corridor Updated Business Plan Volume I.* Available at <u>http://www.dot.ca.gov/dist6/99masterplan/</u>. Prepared by Caltrans District 6 and 10. Accessed July 2010. Sacramento, CA. September 2009.
- California Employment Development Department (CEDD). 2010. *Monthly Labor Force Data for Cities and Census Designated Places (CDP) Annual Average 2010 Revised.* Sacramento, CA. May 20, 2011, March 2010 Benchmark.
- California Employment Development Department (CEDD). 2011. *Monthly Labor Force Data for Cities and Census Designated Places (CDP), Annual Average 2010 Revised.* Available at <a href="http://www.labormarketinfo.edd.ca.gov/?pageid=164">http://www.labormarketinfo.edd.ca.gov/?pageid=164</a>. Sacramento, CA. March 3, 2011.
- California High-Speed Rail Authority (Authority). 2010. *Bay Area to Central Valley High-Speed Train (HST) Revised Final Program Environmental Impact Report (EIR).* Available at <u>http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx</u>. Sacramento, CA. August 2010.
- California High-Speed Rail Authority and 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*. Available at <u>http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx</u>. Sacramento, CA, and Washington, DC. August 2005.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2008. *Final Bay Area to Central Valley High-Speed Train (HST) Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS)*. Available at <a href="http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx">http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx</a>. Sacramento, CA, and Washington, DC. May 2008, Revised 2010.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012a. *Transportation Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. Publication pending 2012.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012b. *Wetlands Delineation Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. Publication pending 2012.



- California State University (CSU) at Stanislaus. 2006. *San Joaquin kit fox, Vulpes macrotis mutic*a. Endangered Species Recovery Program. Available at <u>http://esrp.csustan.edu/speciesprofiles/profile.php?sp=vuma</u>. Accessed November 4, 2010. CSU Stanislaus, Turlock, CA.
- Chambers, Lisa. 2010. Madera Police Department, Madera, CA. Personal communication via telephone regarding police department response times with Colleen Roberts/CH2M HILL. June 24, 2010.
- City of Fresno. 2010. *Bicycle, Pedestrian, & Trails Master Plan.* Available at <a href="http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d">http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d</a> <a href="http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d">http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d</a> <a href="http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d">http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d</a> <a href="http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d">http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d</a> <a href="http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d">http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/TrafficEngineering/BMP/d</a>
- City of Fresno. 2011a. *Roeding Regional Park and Fresno Chaffee Zoo Facility Master Plans, Final Environmental Impact Report and Response to Comments on the Recirculated Draft Environmental Impact Report.* SCH No. 2008031002. Available at <a href="http://www.fresno.gov/pmp">http://www.fresno.gov/pmp</a>. Fresno, CA. June 14, 2011.
- City of Fresno. 2011b. Public Works Projects by Council District. Available at <u>http://www.fresno.gov/Government/DepartmentDirectory/PublicWorks/Capital+Management/Public+Works+Projects.htm</u>. Accessed March 2012. Fresno, CA.
- City of Fresno Police Department. 2011. *Fresno Police Department*. Available at <a href="http://www.fresno.gov/Government/DepartmentDirectory/Police/default.htm">http://www.fresno.gov/Government/DepartmentDirectory/Police/default.htm</a>. Accessed March 4, 2011. Fresno, CA.
- City of Merced. 2009. *Capital Improvement Program 2009-2014*. Merced, CA. Updated November 4, 2009.
- City of Merced Fire Department. 2009. *Fire Station Tours, Fire Station 51*. Available at <a href="http://www.cityofmerced.org/depts/fire/tours/fire\_station\_51.asp">http://www.cityofmerced.org/depts/fire/tours/fire\_station\_51.asp</a>. Accessed December 29, 2009. Merced, CA.
- Council of Fresno County Governments (Fresno COG). 2007. 2007 *Regional Transportation Plan The Long Range Transportation Vision for the Fresno County Region for the Years 2007 to 2030.* Available at <u>http://www.fresnocog.org/document.php?pid=272</u>. Accessed July 2010. Fresno, CA.
- Cowan, Tadlock. 2005. *California's San Joaquin Valley: A Region in Transition.* Congressional Research Service, The Library of Congress. December 12, 2005.
- Eber, Lance. 2010. Crime Analyst, Merced Police Department, Merced, CA. Personal communication via telephone regarding police department response times with Colleen Roberts/CH2M HILL, May 27, 2010.
- Espinoza, Kim. 2009. Planning Manager, City of Merced Planning Department, City of Merced, CA. Personal communication via telephone regarding environmental resources, city budget, development projects and city plans, with Colleen Roberts/CH2M HILL. December 1, 2009.
- Espinoza, Kim. 2010. Planning Manager, City of Merced Planning Department, City of Merced, CA. Personal communication via e-mail regarding planned and potential projects, with Lauren Swift/CH2M HILL. January 26, 2010.
- Federal Bureau of Investigation (FBI). 2008. *National Uniform Crime Reporting Program. Table 6, Crime in the United States by Metropolitan Statistical Area and Table 5, Crime in the United States by State from years 2008, 2007, 2006, 2005, and 2004*. Available at <a href="http://www.fbi.gov/stats-services/crimestats">http://www.fbi.gov/stats-services/crimestats</a>. Washington, DC.



- Hickman, J.C., (Ed.). 1993. *The Jepson Manual: Higher Plants of California*. University of California Press. Berkeley, CA.
- Keeney, Willard. 2011. *San Joaquin Valley RTC Simulations 2010 Cases*. Interoffice Memorandum. January 2011.
- Lamison, Tina. 2010. Atwater Police Department, Atwater, CA. Personal communication via telephone regarding police department response times with Colleen Roberts/CH2M HILL. May 27, 2010.
- Lancaster, R.A. (Ed.). 1983. *Recreation, Park, and Open Space Standards and Guidelines.* National Recreation and Park Association. Ashburn, VA.
- Madera County. 2008. *Madera County Dairy Standards Programmatic Final EIR*. California Clearinghouse Sch #2006081050. Available at <u>http://www.maderacounty.com/rma/archives/uploads/1215552234\_Document\_upload\_madera\_d</u> <u>airyfinal\_eirweb.pdf</u>. July 2008. Madera, CA.
- Madera County Transportation Commission (MCTC). 2007. *Madera County 2007 Regional Transportation Plan.* Available at <u>http://www.maderactc.org/public.html</u>. Madera, CA. May 2007.
- McKenzie, Tom. 2010. Deputy, Merced County Sheriff's Office, Merced, CA. Personal communication via telephone regarding police department response times with Colleen Roberts/CH2M HILL. May 28, 2010.
- Merced County. 2009. Merced County Fiscal Year July 2008 June 2009. Merced, CA.
- Merced County Association of Governments (MCAG). 2007. *2007 Regional Transportation Plan for Merced County*. Merced, CA. May 2007.
- Mintier Harnish, Carol Whiteside Consulting, Mogavero Notestine Associates, and The Rios Company. 2010. *San Joaquin Valley Blueprint Planning Process, Summary Report.* Available at <u>http://www.valleyblueprint.org/news/2010/10/13/blueprint-roadmap-summary-final-report.html</u>. Accessed February 16, 2011. September 2010.
- Myers, Rhonda. 2010. City of Madera Fire Department. Personal communication via telephone regarding City of Madera Fire Department response times with Colleen Roberts/CH2M HILL. June 1, 2010.
- Natural Resources Conservation Service (NRCS). 2006. *Land Resource Regions and Major Land Resource Areas of the United States, the Caribbean, and the Pacific Basin*. U.S. Department of Agriculture Handbook 296. Pages 51-53. Available at <u>http://soils.usda.gov/survey/geography/mlra/</u>. Accessed August 10, 2010. Washington, DC.
- Riviere, Tanya. 2010. Chowchilla Police Department, Chowchilla, CA. Personal communication via e-mail regarding police department response times with Colleen Roberts/CH2M HILL. May 27, 2010.
- Salvador, Michael. 2010. Lieutenant, Madera County Sheriff's Office, Madera, CA. Personal communication via telephone regarding police department response times with Colleen Roberts/CH2M HILL. May 27, 2010.
- Treber, Matthew. 2010. Madera County Planning Department. Madera, CA. Personal communication via e-mail, regarding planned and potential projects, with Lauren Swift/CH2M HILL. January 27, 2010.
- U.S. Department of Agriculture (USDA). 2007. *Census of Agriculture Profile Information for Merced County*. Merced, CA.



- U.S. Department of Agriculture (USDA). 2009. *2007 Census of Agriculture State Data: California, Table 9*. Available at <u>http://www.agcensus.usda.gov/Publications/2007/Full Report/index.asp</u>. Washington, DC.
- U.S. Energy Information Administration. 2012. *Independent Statistics and Analysis Website*. Available at <a href="http://www.eia.gov/tools/faqs/faq.cfm?id=97&t=3">http://www.eia.gov/tools/faqs/faq.cfm?id=97&t=3</a>. Accessed February 2012. Washington, DC.
- U.S. Environmental Protection Agency (EPA). 2010a. *Middle San Joaquin-Lower Chowchilla Watershed 18040001*. Available at <u>http://cfpub.epa.gov/surf/huc.cfm?huc\_code=18040001</u>. Accessed November 4. Washington, DC.
- U.S. Environmental Protection Agency (EPA). 2010b. *Tulare-Buena Vista Lakes Watershed 18030012*. Available at <u>http://cfpub.epa.gov/surf/huc.cfm?huc code=18030012</u>. Accessed November 4. Washington, DC.
- Wiederhold, Liz. 2010. Community Development Manager, Chowchilla, CA. Personal communication via email regarding cumulative project lists with Jennifer Daigre/CH2M HILL. October 25, 2010.

## Chapter 4.0 Section 4(f)/6(f) Evaluation

- California High-Speed Rail Authority and 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*. Available at <u>http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx</u>. Sacramento, CA, and Washington, DC. August 2005.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2010a. *Preliminary Alternatives Analysis Report, Merced to Fresno Section High-speed Train Project EIR/EIS.* Available at <u>http://www.cahighspeedrail.ca.gov/lib Merced Fresno.aspx</u>. Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. April 7, 2010.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2010b. *Supplemental Alternatives Analysis Report, Merced to Fresno Section High-speed Train Project EIR/EIS.* Available at <u>http://www.cahighspeedrail.ca.gov/lib\_Merced\_Fresno.aspx</u>. Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. August 5, 2010.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011. Draft Checkpoint B Summary Report. Sacramento, CA, and Washington, DC. April 22, 2011.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012a. *Historic Properties Survey Report, Draft California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012b. Noise and Vibration Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section. Prepared by AECOM, CH2M HILL, and Harris Miller Miller & Hanson, Inc. Sacramento, CA, and Washington, DC. Publication pending 2012.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012c. *Aesthetics and Visual Quality Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. Publication pending 2012.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012d. *Historic Architectural Survey Report, Draft California High-Speed Train Project EIR/EIS, Merced to Fresno Section*. Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC.

California Office of Historic Preservation. No date. Historic Structure Report Format. Sacramento, CA.

City of Fresno. 2002. 2025 Fresno General Plan and Related Draft Environmental Impact Report No. 10130. Available at

http://www.fresno.gov/Government/DepartmentDirectory/PlanningandDevelopment/Planning/20 25FresnoGeneralPlan.htm. Prepared by City of Fresno Planning & Development Department. Accessed July 2010. Fresno, CA. February 1, 2002.

- City of Fresno. 2011. *Roeding Regional Park and Fresno Chaffee Zoo Facility Master Plans, Final Environmental Impact Report and Response to Comments on the Recirculated Draft EIR*. SCH No. 2008031002. Available at http://www.fresno.gov/pmp. Fresno, CA. June 14, 2011.
- City of Madera. 2009. *City of Madera General Plan Update and Environmental Impact Report, Public Review Draft*. Available at <u>http://maderageneralplan.com/library.html</u>. Prepared by City of Madera and Pacific Municipal Consultants (PMC). Accessed December 16, 2009. Madera, CA. April 29, 2009.
- Federal Railroad Administration (FRA). 2005. *High-Speed Ground Transportation Noise and Vibration Impact Assessment*. Available at <u>http://www.fra.dot.gov/us/content/253</u>. U.S. Department of Transportation, Office of Railroad Development. Washington, DC. October 2005.

Hope, Andrew. 2004. *Caltrans Statewide Historic Bridge Inventory Update: Survey and Evaluation of Common Bridge Types*. California Department of Transportation. Sacramento, CA.

Kopshever, Jim. 2011. E-mail from Jim Kopshever, Harris-DeJager site property owner, to Peter Valentine/Parsons Brinckerhoff, regarding withdrawal of site from consideration for use as an HMF. October 27, 2011.

#### Chapter 5.0 Project Costs and Operations

California High-Speed Rail Authority (Authority). 2009. *2009 Business Plan Report to the Legislature.* Sacramento, CA. December 2009.

California High-Speed Rail Authority (Authority). 2011. *Estimating High-Speed Train Operating & Maintenance Cost for the CA HSRA 2012 Business Plan.* Sacramento, CA. Prepared by Parsons Brinckerhoff. October 2011.

Parsons Brinckerhoff. 2011. *HST Operating and Maintenance Cost for Use in EIR/EIS Project Level Analyses - Memorandum*. California High-Speed Rail Program Management Team. Sacramento, CA. July 11, 2011.

#### Chapter 6.0 CEQA/NEPA Decision Process and Other Considerations

California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011. *California High-Speed Train: Merced to Fresno Section Draft Environmental Impact Report/Environmental Impact Statement and Draft Section 4(f) Statement*. Available at <u>http://www.cahighspeedrail.ca.gov/draft-eir-m-f.aspx</u>. Sacramento, CA and Washington, DC. August 2011.

### Chapter 7.0 Preferred Alternative

California High-Speed Rail Authority, U.S. Department of Transportation, Federal Railroad Administration, U.S. Environmental Protection Agency, and U.S. Army Corps of Engineers. 2010. *National Environmental Policy Act/Section 404/408 Integration Process Memorandum of Understanding.* Sacramento, CA.



- California High-Speed Rail Authority (Authority). 2011. California High-Speed Rail Authority Board Meeting Minutes July 14, 2011. Sacramento, CA. July 14, 2011.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2010a. *Preliminary Alternatives Analysis Report, Merced to Fresno Section High-speed Train Project EIR/EIS.* Available at <u>http://www.cahighspeedrail.ca.gov/lib Merced Fresno.aspx</u>. Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. April 7, 2010.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2010b. *Supplemental Alternatives Analysis Report, Merced to Fresno Section High-speed Train Project EIR/EIS.* Available at <u>http://www.cahighspeedrail.ca.gov/lib\_Merced\_Fresno.aspx</u>. Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. August 5, 2010.
- City of Fresno. 2011a. *Fulton Corridor Specific Plan, Public Draft*. Available at <a href="http://fresnodowntownplans.com/project/details/fcsp">http://fresnodowntownplans.com/project/details/fcsp</a>. Fresno, CA. October 14, 2011.
- City of Fresno. 2011b. *Downtown Neighborhoods Community Plan, Public Draft*. Available at <a href="http://fresnodowntownplans.com/project/details/fcsp">http://fresnodowntownplans.com/project/details/fcsp</a>. Fresno, CA. September 23, 2011.
- U.S. Army Corps of Engineers (USACE). 2012. Response to February 22, 2012 Checkpoint C Package, and the March 9, 2012 response for the proposed Merced to Fresno segment of the California High-Speed Train Project. Letter from Michael S. Jewell, Chief, Regulatory Division to Mark McLoughlin, California High-Speed Rail Authority. Sacramento, CA. March 26, 2012.
- U.S. Environmental Protection Agency (EPA). 2012. Response to Checkpoint C Request for Agreement on Preliminary Least Environmentally Damaging Practicable Alternative and Draft Mitigation Plan for California High-Speed Rail Project Merced to Fresno Section. Letter from Connell Dunning, Transportation Team Supervisor, Environmental Review Office, Communities and Ecosystems Division, to David Valenstein, Federal Railroad Administration, and Tom Fellenz, California High-Speed Rail Authority. San Francisco, CA. March 23, 2012.

### Chapter 8.0 Public and Agency Involvement

- California High-Speed Rail Authority (Authority). 2007. *Visalia-Tulare-Hanford Station Feasibility Study, Fresno to Palmdale Region*. Prepared by URS/HMM/Arup Joint Venture. Sacramento, CA. August 1, 2007.
- California High-Speed Rail Authority (Authority). 2009. *Draft Agency Coordination Plan: Merced to Fresno Section High-Speed Train Project EIR/EIS*. Available at <u>http://www.cahighspeedrail.ca.gov/images/chsr/ 20091210151934 CoordinationPlan-</u> <u>MercedtoFresno.pdf</u>. Prepared by AECOM and CH2M HILL. Sacramento, CA. November 10, 2009.
- California High-Speed Rail Authority (Authority). 2010. *Bay Area to Central Valley High-Speed Train (HST) Revised Final Program Environmental Impact Report (EIR).* Available at <u>http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx</u>. Sacramento, CA. August 2010.
- California High-Speed Rail Authority and 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*. Available at <u>http://www.cahighspeedrail.ca.gov/Statewide Program Environmental Reports EIR EIS.aspx</u>. Sacramento, CA, and Washington, DC. August 2005.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2008. *Final Bay Area to Central Valley High-Speed Train (HST) Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS)*. Available at <a href="http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx">http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx</a>. Sacramento, CA, and Washington, DC. May 2008, Revised 2010.



- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2010a. *California HST Project EIR/EIS Merced to Fresno Section Scoping Report.* Available at <u>http://www.cahighspeedrail.ca.gov/lib Merced Fresno.aspx</u>. Sacramento, CA, and Washington, DC. January 2010.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2010b. *Preliminary Alternatives Analysis Report, Merced to Fresno Section High-speed Train Project EIR/EIS.* Available at <u>http://www.cahighspeedrail.ca.gov/lib\_Merced\_Fresno.aspx</u>. Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. April 7, 2010.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2010c. *Supplemental Alternatives Analysis Report, Merced to Fresno Section High-speed Train Project EIR/EIS*. Available at <u>http://www.cahighspeedrail.ca.gov/lib Merced Fresno.aspx</u>. Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. August 5, 2010.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011. *Supplemental Alternatives Analysis Report, Merced to Fresno Section High-Speed Train Project EIR/EIS*. Available at <u>http://www.cahighspeedrail.ca.gov/lib\_Merced\_Fresno.aspx</u>. Sacramento, CA. May 3, 2011.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012. *Community Impact Assessment Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. Publication pending 2012.

### Sources of Data Used in Figure Preparation

### **Basemap Imagery**

Mapcon Mapping, Ltd. 2007. *Aerial imagery of California South San Joaquin Project.* Flown February and March 2007 and photographed by using a Leica RC-30 camera. NAD 83, UTM Zone 10. September 17, 2007.

### Summary

- Siu, Wai-on. 2010. Parsons Brinckerhoff. Personal communication via email regarding California Highspeed Train Statewide Map that cites data from the California Department of Conservation Farmland Mapping and Monitoring Program 2000, California Department of Fish and Game 2009, and California Resources Agency Legacy Project 2002 with Karin Lilienbecker/CH2M HILL, March 24, 2010.
- U.S. Census Bureau. 2000. *Demographic Data & Estimates Census 2000.* Available at <a href="http://www.censuscd.com/?gclid=CMS3tubH\_aQCFRhCgwodBUWDig">http://www.censuscd.com/?gclid=CMS3tubH\_aQCFRhCgwodBUWDig</a>. Accessed October 2010. Washington, DC.

## **Chapter 1 Project Purpose, Need, and Objectives**

California Department of Finance (CDOF). 2010. *E-5 Population and Housing Estimates for Cities, Counties and the State, 2001-2010, with 2000 Benchmark.* Sacramento, CA.

Cambridge Systematics, Inc. 2007. *Bay Area/ California High-Speed Rail Ridership and Revenue Forecasting Study. Final Report.* Prepared for Metropolitan Transportation Commission and California High-Speed Rail Authority. Oakland, CA. July 2007.



### **Chapter 2 Alternatives**

California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2008. *Final Bay Area to Central Valley High-Speed Train (HST) Program Environmental Impact Report/Environmental Impact Statement (EIR/EIS)*. Available at <a href="http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx">http://www.cahighspeedrail.ca.gov/ba\_cv\_program\_eir.aspx</a>. Sacramento, CA, and Washington, DC. May 2008, Revised 2010.

- Siu, Wai-on. 2010. Parsons Brinckerhoff. Personal communication via email regarding California Highspeed Train Statewide Map that cites data from the California Department of Conservation Farmland Mapping and Monitoring Program 2000, California Department of Fish and Game 2009, and California Resources Agency Legacy Project 2002, with Karin Lilienbecker/CH2M HILL. March 25, 2010.
- U.S. Census Bureau. 2000. *Demographic Data & Estimates Census 2000.* Available at <a href="http://www.censuscd.com/?gclid=CMS3tubH\_aQCFRhCgwodBUWDig">http://www.censuscd.com/?gclid=CMS3tubH\_aQCFRhCgwodBUWDig</a>. Accessed October 2010. Washington, DC.

VBN Architects. 2011. Conceptual Station Designs – Functional Design Treatment and Iconic Design Treatment. Oakland, CA.

#### Chapter 3.0 Affected Environment, Environmental Consequences, and Mitigation Measures

### **3.1 Introduction to Chapter 3**

No References.

### 3.2 Transportation

City of Fresno. 2002. 2025 Fresno General Plan and Related Draft Environmental Impact Report No. 10130. Available at

http://www.fresno.gov/Government/DepartmentDirectory/PlanningandDevelopment/Planning/20 25FresnoGeneralPlan.htm. Prepared by City of Fresno Planning & Development Department. Accessed July 2010. Fresno, CA. February 1, 2002.

City of Merced. 1997. *Merced Vision 2015 General Plan.* Adopted April 7, 1997. Available at <a href="http://www.cityofmerced.org/depts/cd/planning/merced\_vision\_2015\_general\_plan.asp">http://www.cityofmerced.org/depts/cd/planning/merced\_vision\_2015\_general\_plan.asp</a>. Prepared by City of Merced Development Services Department Future Planning Division. Accessed July 2010. Merced, CA.

- Council of Fresno County Governments (Fresno COG). 2007. 2007 *Regional Transportation Plan The Long Range Transportation Vision for the Fresno County Region for the Years 2007 to 2030*. Available at <u>http://www.fresnocog.org/document.php?pid=272</u>. Accessed July 2010. Fresno, CA.
- Madera County Transportation Commission. 2007. Regional *Transportation Plan, Madera County*. Madera, CA.
- Merced County Association of Governments (MCAG). 2007. *Regional Transportation Plan for Merced County*. Update adopted May 2007.

## 3.3 Air Quality and Global Climate Change

California Air Resources Board (CARB). 2004. *Cal-Atlas Geospatial Clearinghouse*. Available at <a href="http://projects.atlas.ca.gov/frs/?group\_id=43">http://projects.atlas.ca.gov/frs/?group\_id=43</a>. Accessed August 20, 2010. Sacramento, CA.



- California Air Resources Board (CARB). 2010. *Air Quality Data Statistics; Highest 4 Daily Maximum Data*. Available at <u>http://www.arb.ca.gov/adam/</u>. Accessed December 20, 2010. Sacramento, CA.
- California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2012. *Transportation Technical Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM and CH2M HILL. Sacramento, CA, and Washington, DC. Publication pending 2012.
- Federal Highway Administration (FHWA). 2009. Memorandum: Interim Guidance Update on Mobile Source Air Toxic Analysis in NEPA Documents. Available at <u>http://www.fhwa.dot.gov/environment/air\_quality/air\_toxics/</u>. Washington, DC. September 30, 2009.
- U.S. Environmental Protection Agency (EPA). 2010. *Monitor Values Report Criteria Pollutants*. Available at <u>http://www.epa.gov/air/data/monvals.html?st~CA~California</u>. Updated December 17, 2010. Accessed December 20, 2010. Washington, DC.

### 3.4 Noise and Vibration

- Federal Railroad Administration (FRA). 2005. *High-Speed Ground Transportation Noise and Vibration Impact Assessment*. Available at <u>http://www.fra.dot.gov/us/content/253</u>. U.S. Department of Transportation, Office of Railroad Development. Washington, DC. October 2005.
- Harris Miller Miller & Hanson Inc. (HMMH). 2010. *Noise and Vibration Survey*. GIS data collection generated from noise and vibration measurements conducted between December 7, 2009, and April 30, 2010.
- Harris Miller Miller & Hanson Inc. (HMMH). 2011. *Noise and Vibration Survey*. GIS data collection generated from noise and vibration assessment conducted from January 1, 2010 to July 2011.
- Harris Miller Miller & Hanson Inc. (HMMH). 2012. Noise and Vibration Survey. GIS data collection. March 2012.
- U.S. Department of Transportation, Federal Transit Administration (FTA). 2006. *Transit Noise and Vibration Impact Assessment. FTA Guidance Manual.* Office of Planning and Environment. Available at <a href="http://www.fta.dot.gov/documents/FTA">http://www.fta.dot.gov/documents/FTA</a> Noise and Vibration Manual.pdf. Washington, DC. May 2006.

#### 3.5 Electromagnetic Fields and Electromagnetic Influence

CH2M HILL. 2010. *Electromagnetic Fields and Electromagnetic Field Survey*. EMF-EMI measurement locations based on Google Earth search of residences, schools, health-care facilities, scientific research facilities, and telecommunications facilities; locations field-verified during surveys conducted January 18 to 21, and January 25 to 28, 2010.

### 3.6 Public Utilities and Energy

- AECOM. 2010. CAD data: 20100902\_C\_RP\_UTIL. Utility data from Authority. 2010. *Draft 15% Design Submittal: Merced to Fresno Section Utilities*. December 2010.
- Carter, Aaron. 2011. Environmental Planner, ICF International, San Francisco, CA. Email communication regarding potential relocation sites for current PG&E facility and mitigation, with Karin Lilienbecker/CH2M HILL. January 12, 2011.

Platts. 2011. Geospatial Utility Data. Available at <u>http://www.platts.com/ProductList/ALL/ALL/Maps</u>. Accessed December 14, 2011. Sacramento, CA.



- URS. 2010. GIS data: URS\_Utilities\_REV\_092010. URS Memoranda: Authority. 2010. Draft *Fresno to Bakersfield Utility Impact Report.* September 2010.
- U.S. Energy Information Administration. 2008. *State Energy Data 2008: Consumption*. Available at <a href="http://www.eia.gov/emeu/states/sep\_use/total/pdf/use\_ca.pdf">http://www.eia.gov/emeu/states/sep\_use/total/pdf/use\_ca.pdf</a>. Washington, DC.

#### **3.7 Biological Resources and Wetlands**

- California Department of Fish and Game (CDFG). 2011. California Wildlife Habitat Relationships System. Available at <u>http://www.dfg.ca.gov/biogeodata/cwhr/morecwhr.asp</u>. Accessed on April 29, 2011.
- California Natural Diversity Database (CNDDB), Biogeographic Data Branch, California Department of Fish and Game. 2003a. RareFind, Version 3.1.1 Commercial Version – Dated May 1, 2010. Report printed on June 17, 2010. Information expired on November 1, 2010. Sacramento, CA.
- California Natural Diversity Database (CNDDB), Biogeographic Data Branch, California Department of Fish and Game. 2003b. RareFind3, Version 3.1.1. Commercial Version – Dated February 27, 2011. Report printed on March 24, 2011. Information expires on August 27, 2011. Sacramento, CA.
- Conservation Land Group. 2010. *Lazy K Ranch Mitigation Bank (Proposed).* Accessed on August 10, 2010.
- Endangered Species Recovery Program (ESRP). 1999. Wildlife Linkages San Joaquin Valley [ds417]. California Department of Fish and Game. Biogeographic Information and Observation System (BIOS). Available at <u>http://bios.dfg.ca.gov/</u>. Accessed December 7, 2010. Sacramento, CA.
- Endangered Species Recovery Program (ESRP). 2009. GIS Maps and Data. Available from web site, <u>http://esrp.csustan.edu/gis/</u>. Accessed October 2, 2009. California State University, Stanislaus. Bakersfield, CA.
- Huber, P. 2007. Biogeographic Information and Observation System (BIOS), Wildlife Corridors San Joaquin Valley [ds423]. Available at <u>http://bios.dfg.ca.gov/</u>. California Department of Fish and Game. Accessed December 7, 2010. Sacramento, CA.
- Lopez, Ryan. 2010. Conservation Biologist / Mitigation Specialist, Wildlands, Inc., Rocklin, CA. Personal communication via email regarding wetland features and species occurrences documented at Great Valley Conservation Bank, with Corinna Lu/ CH2M HILL. September 3, 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 California Department of Transportation, California Department of Fish and Game, and Federal Highways Administration. Sacramento, CA. February 2010.
- U.S. Fish and Wildlife Service (USFWS). 2009. *National Wetland Inventory (NWI)*. Available at <a href="http://www.fws.gov/Wetlands/Data/DataDownload.html">http://www.fws.gov/Wetlands/Data/DataDownload.html</a>. Accessed September and October 2009, and December 7, 2010. Washington, DC.

#### 3.8 Hydrology and Water Resources

- California Department of Water Resources (DWR). 2004. *California's Groundwater Bulletin 118 San Joaquin Valley Groundwater Basin Merced, Chowchilla, and Madera Subbasins*. Sacramento, CA. February 27, 2004.
- California Department of Water Resources (DWR). 2006. *California's Groundwater Bulletin 118 San Joaquin Valley Groundwater Basin Kings Subbasin*. Sacramento, CA. January 20, 2006.



- California Department of Water Resources (DWR). 2008. *200-year Floodplain for Fresno, Madera and Merced Counties*. Sacramento, CA. Obtained on April 26, 2010. Data updated August 2008.
- Chowchilla Water District (CWD). No date. *Map of Chowchilla Water District, Chowchilla, California*. Prepared by Stoddard and Associates. Los Banos, CA.
- Federal Emergency Management Agency (FEMA). 2008a. *Flood Insurance Study, Merced County, California and Incorporated Areas*. Washington, DC. December 2, 2008.
- Federal Emergency Management Agency (FEMA). 2008b.*Flood Insurance Study, Madera County, California and Incorporated Areas*. Washington, D.C. September 26, 2008.
- Fresno Irrigation District. 2003. *Welcome to the Fresno Irrigation District History*. Available at <u>http://www.fresnoirrigation.com/history.html</u>. Accessed January 20, 2010. Fresno, CA.
- Madera Irrigation District (Madera ID). 2000. *Madera Irrigation District Distribution System, CAD Map M-318*. Madera, CA. May 23, 2000.
- U.S. Geological Survey (USGS). 2010a. *Subregion 1803.* High Resolution National Hydrography Dataset home page. GIS Data. Available at <u>http://nhd.usgs.gov/.</u> Updated April 11, 2010. Accessed April 12, 2010. Reston, VA.
- U.S. Geological Survey (USGS). 2010b. *Subregion 1804.* High Resolution National Hydrography Dataset home page. GIS Data. Available at <u>http://nhd.usgs.gov/</u>. Updated January 27, 2010. Accessed April 12, 2010. Reston, VA.

#### 3.9 Geology, Soils, and Seismicity

- California Air Resources Board (CARB). 2004. *Cal-Atlas Geospatial Clearinghouse*. Available at <a href="http://projects.atlas.ca.gov/frs/?group\_id=43">http://projects.atlas.ca.gov/frs/?group\_id=43</a>. Accessed August 20, 2010. Sacramento, CA.
- California Department of Conservation (CDC). 2010. *Spreadsheet with Permitted Mines in the State of California*. Provided by Candace Mapel, CDC Office of Mine Reclamation. Sacramento, CA. April 8, 2010.
- California Geological Survey (CGS). 2011. *California Historical Earthquake Online Database*. Available at <a href="http://redirect.conservation.ca.gov/cgs/rghm/quakes/historical/Index.htm">http://redirect.conservation.ca.gov/cgs/rghm/quakes/historical/Index.htm</a>. Accessed June 28, 2011. Sacramento, CA.
- Natural Resources Conservation Service (NRCS). 1962a. Soil Survey of Madera Area, California. U.S. Government Printing Office. Washington, DC. May 1962.
- Natural Resources Conservation Service (NRCS). 1962b. Soil Survey of Merced Area, California. U.S. Government Printing Office. Washington, DC. July 1962.
- Natural Resources Conservation Service (NRCS). 1971. Soil Survey, Eastern Fresno Area, California. U.S. Government Printing Office. Washington, DC. October 1971.
- U.S. Geological Survey (USGS) and California Geological Survey (CGS). 2006. *Earthquake Hazards Program, FAQs – Quaternary Faults*. Available at <u>http://earthquake.usgs.gov/learn/faq/?faqID=264</u>. Accessed June 28, 2011. Washington, DC.
- U.S. Geological Survey (USGS). 1965. Geologic Map of California, Fresno Sheet. California Division of Mines and Geology. Prepared by Matthews, R.A., and J.L. Burnett. Accessed July 15, 2010. Sacramento, CA.



U.S. Geological Survey (USGS). 1978. Preliminary Geologic Map Showing Quaternary Deposits of the Northeastern San Joaquin Valley, California. U.S. Geological Survey Miscellaneous Field Studies Map MF-945. Available at <u>http://ngmdb.usgs.gov/ngm-</u> <u>bin/ILView.pl?sid=6783 1.sid&vtype=b&sfact=1.25</u>. Prepared by Marchand, D.E., and A. Allwardt. Accessed December 11, 2009. Reston, VA.

### 3.10 Hazardous Materials/Wastes

- CH2M HILL. 2011. *School Survey*. Based on (1) Google Earth keyword search, (2) ESRI USA Schools and North American Institutions, and (3) review of local school district and school websites.
- Parus Consulting, Inc. 2011. *Hazards Survey*. Based on (1) information obtained from Environmental Data Resources, Inc., on November 2 and December 7, 2009, and April 29 and July 26, 2010, (2) field surveys conducted November 3, 6, 9, 11, 12, 23, and 25, 2009; December 4 and 18, 2009; and April 23, May 5 and 6, and August 9, 2010, and (3) records review.

### 3.11 Safety and Security

- California Department of Forestry and Fire Protection (Cal Fire). 2007a. *Map—Draft Fire Hazard Severity Zones in LRA (Local Resource Area), Merced County*. Fire and Resource Assessment Program. Sacramento, CA. September 21, 2007.
- California Department of Forestry and Fire Protection (Cal Fire). 2007b. *Map—Draft Fire Hazard Severity Zones in LRA (Local Resource Area), Madera County.* Fire and Resource Assessment Program. Sacramento, CA. September 20, 2007.
- California Department of Forestry and Fire Protection (Cal Fire). 2007c. *Map—Draft Fire Hazard Severity Zones in LRA (Local Resource Area), Fresno County*. Fire and Resource Assessment Program. Sacramento, CA. October 2, 2007.
- City of Fresno Fire Department. 2009. *Station Locations*. Available at <a href="http://www.fresno.gov/Government/DepartmentDirectory/Fire/AboutFresnoFire/StationLocations/default.htm">http://www.fresno.gov/Government/DepartmentDirectory/Fire/AboutFresnoFire/StationLocations/default.htm</a>. Accessed December 29, 2009. Fresno, CA.

### 3.12 Socioeconomics, Communities, and Environmental Justice

- City of Fresno. 2011. *Community Plan Area Boundaries.* Available at <a href="http://www.fresno.gov/Government/DepartmentDirectory/InformationServices/GIS/Layers.htm">http://www.fresno.gov/Government/DepartmentDirectory/InformationServices/GIS/Layers.htm</a>. Accessed August 16, 2010. Fresno, CA.
- U.S. Census Bureau. 2010. Decennial Census 2010 Census Summary File 1. Available at <u>http://factfinder2.census.gov/faces/nav/jsf/pages/index.xhtml. Accessed January 2012.</u> Washington, DC.
- U.S Census Bureau. 2010. 2006-2010 ACS 5-Year Estimate. Available at http://factfinder2.census.gov/faces/nav/jsf/pages/searchresults.xhtml?refresh=t. Accessed January 2012. Washington, DC.

### 3.13 Local Growth, Station Planning, and Land Use

California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011. *California High-Speed Train: Fresno to Bakersfield Section Draft Environmental Impact Report/Environmental Impact Statement and Draft Section 4(f) Statement*. Available at http://www.cahighspeedrail.ca.gov/draft-eir-f-b.aspx. Sacramento, CA and Washington, DC. August 2011.

U.S. Department

of Transportation Federal Railroad

Administration



- City of Fresno. 2009a. Land Use (GIS shapefile: elu.shp). Available at <a href="http://gis4u.fresno.gov/downloads/elu.zip">http://gis4u.fresno.gov/downloads/elu.zip</a>. Accessed January 18, 2010. Fresno, CA.
- City of Fresno. 2009b. Zoning (GIS shapefile: zoning.shp). Available at <a href="http://gis4u.fresno.gov/downloads/zoning.zip">http://gis4u.fresno.gov/downloads/zoning.zip</a>. Accessed January 18, 2010. Fresno, CA.
- City of Merced. 2003. City of Merced Zoning (manually digitized into GIS). Available at <a href="http://www.mcaggis.com/gallery/Merced/zoning.pdf">http://www.mcaggis.com/gallery/Merced/zoning.pdf</a>. Accessed January 18, 2010. Merced, CA.
- City of Merced. 2009. City of Merced Land Use. (GIS Shapefile: landuse00.shp) Received on February 2, 2009, from Ruthanne Harbison, City of Merced (HarbisonR@cityofmerced.org). Merced, CA.
- Harbison, Ruthanne. 2009. City of Merced, CA. Personal communication via email transmitting GIS data (GIS Shapefile: landuse00.shp), with Katie Swanson/CH2M HILL. February 3, 2009.

## 3.14 Agricultural Lands

- California Department of Conservation (DOC). 2007. *Williamson Act, WA, Land Conservation Act, California Land Conservation Act, CLCA. Spatial data for Merced County*. Available at <a href="http://ftp.consrv.ca.gov/pub/Dlrp/WA/Map%20and%20PDF/CALIFORNIA%20WILLIAMSON%20AC">http://ftp.consrv.ca.gov/pub/Dlrp/WA/Map%20and%20PDF/CALIFORNIA%20WILLIAMSON%20AC</a> T/Total%20WA%20GIS%20to%202009/shapefile/. Accessed May 7, 2010. Sacramento, CA.
- California Department of Conservation (DOC). 2008a. *Farmland Mapping and Monitoring Program spatial data, Fresno, Madera, and Merced Counties.* Sacramento, CA.
- California Department of Conservation (DOC). 2008b. *Williamson Act, WA, Land Conservation Act, California Land Conservation Act, CLCA*. Spatial data for Fresno County. Available at <a href="http://ftp.consrv.ca.gov/pub/Dlrp/WA/Map%20and%20PDF/CALIFORNIA%20WILLIAMSON%20AC\_T/Total%20WA%20GIS%20to%202009/shapefile/">http://ftp.consrv.ca.gov/pub/Dlrp/WA/Map%20and%20PDF/CALIFORNIA%20WILLIAMSON%20AC\_T/Total%20WA%20GIS%20to%202009/shapefile/</a>. Accessed May 7, 2010. Sacramento, CA.
- California Department of Conservation (DOC). 2009. *Williamson Act, WA, Land Conservation Act, California Land Conservation Act, CLCA*. Spatial data for Madera County. Available at <a href="http://ftp.consrv.ca.gov/pub/Dlrp/WA/Map%20and%20PDF/CALIFORNIA%20WILLIAMSON%20ACT/Total%20WA%20GIS%20to%202009/shapefile/">http://ftp.consrv.ca.gov/pub/Dlrp/WA/Map%20and%20PDF/CALIFORNIA%20WILLIAMSON%20ACT/Total%20WA%20GIS%20to%202009/shapefile/</a>. Accessed May 7, 2010. Sacramento, CA.
- California Department of Water Resources (DWR). 2003. *Land and Water Use Data Collections, Land Use Survey 2001 Madera County*. Metadata dated March 25, 2003. Available at <a href="http://www.water.ca.gov/landwateruse/lusrvymain.cfm">http://www.water.ca.gov/landwateruse/lusrvymain.cfm</a>. Accessed on May 7, 2010. Sacramento, CA.
- California Department of Water Resources (DWR). 2004a. *Land and Water Use Data Collections, Land Use Survey 2000 Fresno County*. Metadata dated February 25, 2004. Available at <a href="http://www.water.ca.gov/landwateruse/lusrvymain.cfm">http://www.water.ca.gov/landwateruse/lusrvymain.cfm</a>. Accessed on May 7, 2010. Sacramento, CA.
- California Department of Water Resources (DWR). 2004b. *Land and Water Use Data Collections, Land Use Survey 2001 Merced County*. Metadata dated April 27, 2004. Available at <a href="http://www.water.ca.gov/landwateruse/lusrvymain.cfm">http://www.water.ca.gov/landwateruse/lusrvymain.cfm</a>. Accessed on May 7, 2010. Sacramento, CA.

### 3.15 Parks, Recreation, and Open Space

City of Atwater. 2000. *City of Atwater General Plan. Section 2 Land Use, Public Facilities and Community Infrastructure. Section 4 Open Space and Conservation.* Adopted July 24, 2000. Available at <u>http://www.atwater.org/index.cfm?page=1320197</u>. Prepared by Pacific Municipal Consultants (PMC). Atwater, CA.



- City of Chowchilla. 2009. *City of Chowchilla 2040 General Plan Update, Public Review Draft*. Available at <a href="http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen%20plan">http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen%20plan</a>. Prepared by Valley Planning Consultants Inc. (VPC). Accessed July 2010. Chowchilla, CA. October 5, 2009.
- City of Fresno. 2002. 2025 Fresno General Plan and Related Draft Environmental Impact Report No. 10130. Section E, Public Facilities Element. Section F, Open Space/Recreation Element. Available at http://www.fresno.gov/Government/DepartmentDirectory/PlanningandDevelopment/Planning/20 25FresnoGeneralPlan.htm. Prepared by City of Fresno Planning & Development Department. Fresno, CA. February 1, 2002.
- City of Merced. 1997. *Merced Vision 2015 General Plan. Chapter 7, Open Space, Conservation, and Recreation.* Adopted April 7, 1997. Available at <u>http://www.cityofmerced.org/depts/cd/planning/merced vision 2015 general plan.asp</u>. Prepared by City of Merced Development Services Department Future Planning Division. Merced, CA.
- City of Merced. 2003. *Park and Open Space Master Plan Final Draft.* Available at <a href="http://www.cityofmerced.org/depts/parks\_n\_community\_services/info/master\_plan.asp">http://www.cityofmerced.org/depts/parks\_n\_community\_services/info/master\_plan.asp</a>, Accessed January 2011. Merced, CA. December 2003.
- City of Merced. 2004. *Parks and Recreation Open Space Master Plan Neighborhood Park Service Area Map.* Prepared by City of Merced. Merced, CA. January 2004.
- Fresno County. 2000. *Fresno County General Plan. General Plan Update.* Available at <u>http://www.co.fresno.ca.us/DepartmentPage.aspx?id= 19705&terms=general+plan</u>. Prepared by General Plan Consultant Team, Fresno County Staff. Accessed July 2010. Fresno, CA. October 3, 2000.
- Greer, Steve. 2010. Madera, CA. Email communication transmitting GIS parks layer for City of Madera with Jodi Ketelsen/CH2M HILL. August 12, 2010.
- Merced County. 1990. *Merced County Year 2000 General Plan*. Adopted December 4, 1990. Available at <u>http://www.co.merced.ca.us/index.aspx?NID=436</u>. Accessed July 2010. Merced, CA.

## **3.16 Aesthetics and Visual Quality**

No References.

### 3.17 Cultural and Paleontological Resources

California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011. *Historic Properties Survey Report, California High-Speed Train Project EIR/EIS, Merced to Fresno Section.* Prepared by AECOM. Sacramento, CA, and Washington, DC. August 2011.

### 3.18 Regional Growth

No References.

## **3.19 Cumulative Impacts**

No References.



## Chapter 4.0 Section 4(f)/6(f) Evaluation

- City of Atwater. 2000. *City of Atwater General Plan. Section 2 Land Use, Public Facilities and Community Infrastructure. Section 4 Open Space and Conservation.* Adopted July 24, 2000. Available at <u>http://www.atwater.org/index.cfm?page=1320197</u>. Prepared by Pacific Municipal Consultants (PMC). Atwater, CA.
- City of Chowchilla. 2009. *City of Chowchilla 2040 General Plan Update, Public Review Draft*. Available at <a href="http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen%20plan">http://www.ci.chowchilla.ca.us/comdev/planning.htm#gen%20plan</a>. Prepared by Valley Planning Consultants Inc. (VPC). Accessed July 2010. Chowchilla, CA. October 5, 2009.
- City of Fresno. 2002. 2025 Fresno General Plan and Related Draft Environmental Impact Report No. 10130. Section E, Public Facilities Element. Section F, Open Space/Recreation Element. Available at

<u>http://www.fresno.gov/Government/DepartmentDirectory/PlanningandDevelopment/Planning/20</u> <u>25FresnoGeneralPlan.htm</u>. Prepared by City of Fresno Planning & Development Department. Fresno, CA. February 1, 2002.

- City of Madera. 2009. *City of Madera General Plan Update and Environmental Impact Report, Public Review Draft*. Available at <u>http://maderageneralplan.com/library.html</u>. Prepared by City of Madera, and Pacific Municipal Consultants (PMC). Accessed July 2010. Madera, CA. April 29, 2009.
- City of Merced. 1997. *Merced Vision 2015 General Plan. Chapter 7, Open Space, Conservation, and Recreation.* Adopted April 7, 1997. Available at <u>http://www.cityofmerced.org/depts/cd/planning/merced vision 2015 general plan.asp</u>. Prepared by City of Merced Development Services Department Future Planning Division. Merced, CA.
- City of Merced. 2003. *Park and Open Space Master Plan Final Draft.* Available at <a href="http://www.cityofmerced.org/depts/parks\_n\_community\_services/info/master\_plan.asp">http://www.cityofmerced.org/depts/parks\_n\_community\_services/info/master\_plan.asp</a>, Accessed January 2011. Merced, CA. December 2003.
- City of Merced. 2004. *Parks and Recreation Open Space Master Plan Neighborhood Park Service Area Map.* Prepared by City of Merced. Merced, CA. January 2004.
- Fresno County. 2000. *Fresno County General Plan. General Plan Update.* Available at <u>http://www.co.fresno.ca.us/DepartmentPage.aspx?id= 19705&terms=general+plan</u>. Prepared by General Plan Consultant Team, Fresno County Staff. Accessed July 2010. Fresno, CA. October 3, 2000.
- Greer, Steve. 2010. Madera, CA. Email communication transmitting GIS parks layer for City of Madera with Jodi Ketelsen/CH2M HILL. August 12, 2010.
- Madera County. 1995. *Madera County General Plan*. Adopted October 24, 1995. Available at <u>http://www.madera-county.com/rma/planningdept/planning\_dept\_docs.html</u>. Accessed July 2010. Madera, CA.
- Merced County. 1990. *Merced County Year 2000 General Plan*. Adopted December 4, 1990. Available at <a href="http://www.co.merced.ca.us/index.aspx?NID=436">http://www.co.merced.ca.us/index.aspx?NID=436</a>. Accessed July 2010. Merced, CA.

# **Chapter 5 Cost**

No References.



### **Chapter 6 CEQA/NEPA Decision Process and Other Considerations**

No References.

#### **Chapter 7 Preferred Alternative**

California High-Speed Rail Authority and Federal Railroad Administration (Authority and FRA). 2011. *California High-Speed Train: Fresno to Bakersfield Section Draft Environmental Impact Report/Environmental Impact Statement and Draft Section 4(f) Statement*. Available at http://www.cahighspeedrail.ca.gov/draft-eir-f-b.aspx. Sacramento, CA and Washington, DC. August 2011.

### **Chapter 8 Public and Agency Involvement**

No References.

