

Chapter 4 References

- 1
2
- 3 Alstom. 2013a. Coradia Polyvalent Partenaire de L'Eco-Mobilite Regionale. Available:
4 http://www.alstom.com/Global/Transport/Resources/Documents/Coradia%20Polyvalent,%20le%20partenaire%20d_%C3%A9co-mobilit%C3%A9%20r%C3%A9gionale.pdf.
5
- 6 Alstom. 2013b. Coradia Polyvalent Designs. Available:
7 http://www.alstom.com/Global/Transport/Resources/Images/coradia_3_fr.jpg.
- 8 Bay Area Air Quality Management District (BAAQMD). No Date. Particulate Matter. Website.
9 Available: <http://www.baaqmd.gov/Divisions/Planning-and-Research/Particulate-Matter.aspx>.
10 Last accessed: August 13, 2014.
- 11 Buikema, Richard. Personal Communication via telephone with Meg Scantlebury, ICF re:
12 confirmation that the properties within the North Willow Glen area had not been locally
13 designated subsequent to this study, the Historic Preservation Officer, City of San Jose, was
14 contacted - inquiries. June 23.
- 15 Cahill, T. 2008. Removal Rates of Particulate Matter onto Vegetation as a Function of Particle Size.
16 Davis, CA, UC Davis Western Regional Climate Center 2014.
- 17 California High-Speed Rail Authority (CHSRA). 2014. Draft 2014 Business Plan: Connecting
18 California. February 7. Available: [http://www.hsr.ca.gov/About/Business_Plans/
19 Draft_2014_Business_Plan.html](http://www.hsr.ca.gov/About/Business_Plans/Draft_2014_Business_Plan.html).
- 20 California High-Speed Rail Authority (CHSRA). 2013. Memorandum: Phase 1 Blended Travel Time.
21 February 11. Available: <[http://www.calhsr.com/wp-content/uploads/2013/12/Memo-Phase-
22 1-Blended-Travel-Time.pdf-Adobe-Acrobat-Pro-1.pdf](http://www.calhsr.com/wp-content/uploads/2013/12/Memo-Phase-1-Blended-Travel-Time.pdf-Adobe-Acrobat-Pro-1.pdf)>.
- 23 California High-Speed Rail Authority (CHSRA). 2012b. Business Plan, Final Technical Memorandum
24 – Ridership and Revenue Forecasting. April.
25 <http://www.hsr.ca.gov/About/Business_Plans/2012_Business_Plan.html>.
- 26 California High-Speed Rail Authority (CHSRA). 2012c. 2012 Business Plan, Estimating High-Speed
27 Train Operating and Maintenance Cost for the CHSRA 2012 Business Plan. April. Available:
28 <http://www.hsr.ca.gov/About/Business_Plans/2012_Business_Plan.html>.
- 29 California High Speed Rail Authority (CHSRA). 2010. High-Speed Train Station Platform Geometric
30 Design. TM 2.2.4 Available: [http://www.hsr.ca.gov/docs/programs/
31 eir_memos/Proj_Guidelines_TM2_2_4R01.pdf](http://www.hsr.ca.gov/docs/programs/eir_memos/Proj_Guidelines_TM2_2_4R01.pdf).
- 32 Caltrain Annual Passenger Counts 2006 – 2013. San Mateo County Transit District. <
33 <http://www.caltrain.com/about/statsandreports/Ridership.html>>.
- 34 Caltrain. 2014. Vertical Clearance Plate Analysis – Project and Cumulative. No date.
- 35 Caltrain. 2014. “Longer Trains / Platforms May 22, 2014” Local Policy Maker Group. Available.
36 <[http://www.caltrain.com/Assets/Caltrain+Modernization+Program/Presentations/
37 Caltrain+Longer+Platform+and+Trains.pdf](http://www.caltrain.com/Assets/Caltrain+Modernization+Program/Presentations/Caltrain+Longer+Platform+and+Trains.pdf)>.

- 1 Caltrain. 2014. "Peninsula Corridor Electrification Frequently Asked Questions." Peninsula Corridor
2 Caltrain. Available. <[http://www.caltrain.com/Assets/Caltrain+Modernization+Program/
3 Documents/PCEP+FAQ.pdf](http://www.caltrain.com/Assets/Caltrain+Modernization+Program/Documents/PCEP+FAQ.pdf)>[http://www.caltrain.com/Assets/Caltrain+Modernization+Program/
4 Documents/PCEP+FAQ.pdf](http://www.caltrain.com/Assets/Caltrain+Modernization+Program/Documents/PCEP+FAQ.pdf).
- 5 Caltrain. 2011. "San Bruno Grade Separation Project Community Meeting Presentation July 13,
6 2011." San Mateo County Transit District, 2011 [http://www.caltrain.com/Assets/
7 _Public+Affairs/Capital_Program/San_Bruno_Grade_Sep/Community+Presentation+-+7-13-
8 2011.pdf](http://www.caltrain.com/Assets/_Public+Affairs/Capital_Program/San_Bruno_Grade_Sep/Community+Presentation+-+7-13-2011.pdf).
- 9 Caltrain. 2010. *Caltrain Comprehensive Access Program Policy Statement*. May. Available:
10 <http://www.caltrain.com/Assets/_Public+Affairs/pdf/Comprehensive+Access+Policy.pdf>.
- 11 Caltrain. 2009. Evaluation of European EMU Structure for Shared Use in the Caltrain Corridor,
12 available on the web at [http://www.caltrain.com/projectsplans/CaltrainModernization/
13 Documents.html](http://www.caltrain.com/projectsplans/CaltrainModernization/Documents.html), accessed on November 6, 2013.
- 14 Caltrain. 2008. Caltrain Bicycle Access and Parking Plan. Available.
15 <http://www.caltrain.com/Assets/_Planning/pdf/bike+access/Bike+Plan+Draft.pdf>.
- 16 City of Menlo Park. 2012. El Camino Real and Downtown Specific Plan, Final Environmental Impact
17 Report. Available: <http://www.menlopark.org/162/Environmental-Impact-Report>.
- 18 City of Menlo Park. 2014. "City of Menlo Park Transportation Impact Analysis Guidelines." Available.
19 < <http://www.menlopark.org/DocumentCenter/Home/View/302>>.
- 20 City of San Jose. 2014b. Diridon Station Area Plan. Environmental Impact Report.
21 <<https://www.sanjoseca.gov/index.aspx?NID=1743>>.
- 22 Commonwealth of Massachusetts Executive Office of Transportation (EOT). 2008. Fairmont Line
23 Service Improvements: Potential Use of DMUs. Final Report. April. Prepared by: JACOBS
24 Edwards and Kelcey. Available: <http://www.eot.state.ma.us/downloads/DMU_Fairmount.pdf>.
- 25 De Vocht, Frank, and Igor Burstyn. 2010. Historical "evidence" that electrification caused the 20th
26 century epidemic of diseases of civilization and the ecological fallacy. *Medical Hypotheses*,
27 Volume 74, Issue 5, Paged 957-958, May. Abstract available online at: [http://www.medical-
28 hypotheses.com/article/S0306-9877\(09\)00791-9/abstract](http://www.medical-hypotheses.com/article/S0306-9877(09)00791-9/abstract).
- 29 De Vocht, Frank. 2010. Review: "Dirty Electricity": What, where and should we care? *Journal of
30 Exposure Science and Environmental Epidemiology* (2010) 20, 388-405.
- 31 Exponent Health Group. 2001. Environmental Impact Assessment of Electric and Magnetic Fields
32 Associated with Proposed Electrification of the Caltrain Commuter Rail Line: San Francisco-
33 Gilroy. New York, NY. December. Prepared for Peninsula Corridor Joint Powers Board, San
34 Carlos, CA.
- 35 Federal Railway Administration (FRA). 2013. ETF_001-02 – Discussion Draft Rule text for Notice of
36 Proposed Rule-Making (NPRM). March 25,, 2013. For Discussion Purposes only. Not the official
37 positions of DOT/FRA. Available: [https://rsac.fra.dot.gov/
38 document.php?type=meeting&date=20130614&name=Draft%20NPRM%20Rule%20Text%20
39 or%20RSAC%20VOTE-%20ETF_001-02%20--
40 %20Proposed%20Ruletext%20for%20NPRM%201.pdf](https://rsac.fra.dot.gov/document.php?type=meeting&date=20130614&name=Draft%20NPRM%20Rule%20Text%20or%20RSAC%20VOTE-%20ETF_001-02%20--%20Proposed%20Ruletext%20for%20NPRM%201.pdf).

- 1 Federal Highway Administration (FHWA). 2012. California Manual on Uniform Traffic Control
2 Devices. Caltrans. 2012. <<http://www.dot.ca.gov/hq/traffops/engineering/mutcd/index.htm>>.
- 3 Federal Railroad Administration (FRA). 2012. High-Speed Ground Transportation Noise and
4 Vibration Impact Assessment. September.
- 5 Federal Railway Administration (FRA). 2011. Technical Criteria and Procedures for Evaluating the
6 Crashworthiness and Occupant Protection Performance of Alternatively Designed Passenger
7 Rail Equipment for Use in Tier I Service. DOT/FRA/ORD-11/22. Final Report. October. Available:
8 <http://www.fra.dot.gov/eLib/Details/L01292>.
- 9 Federal Railroad Administration (FRA). 2006. EMF Monitoring on Amtrak's Northeast Corridor:
10 Post-Electrification Measurements and Analysis. Available:
11 <<http://www.fra.dot.gov/eLib/Details/L04332>>. Accessed: December 8, 2013.
- 12 Federal Railroad Administration (FRA). 2003. Catalog of "Common Use" Rail Corridors.
13 DOT/FRA/ORD-03/16. Available: <http://ntl.bts.gov/lib/42000/42300/42377/ord0316.pdf>.
- 14 Federal Transit Administration (FTA). 2006. Transit Noise and Vibration Impact Assessment. May.
15 Available: http://www.fta.dot.gov/documents/FTA_Noise_and_Vibration_Manual.pdf
- 16 Fitzgerald, C., Bush, S. 2013. Near-Roadway Mitigation Modeling Report. Memorandum to South
17 Coast Air Quality Management District. March 31.
- 18 Fleming, G. 2014. Feasibility Assessment of Alternative Pole Designs for PCEP. Prepared for Caltrain.
- 19 Gehrig, R., Hilla, M., Lienemann, P., Zwicky, C.N., Bukowiecki, N., Weingartner, E.,
20 Baltensperger, U., and Buchmann, B. 2007. Contribution of railway traffic to local PM10
21 concentrations in Switzerland. *Atmospheric Environment* 41 (2007) 923-933.
- 22 Gitelman, V., et al. "Screening Tools for Considering Grade Separation at Rail-Highway Crossings."
23 *Journal of Transportation Engineering ASCE*. January, 2006 (13), 52-59.
- 24 Hagler G. S. W., Lin M. Y., Khlystov A., Baldauf R. W., Isakov V., Faircloth J., Jackson L. E., 2012. Field
25 investigation of roadside vegetative and structural barrier impact on near-road ultrafine particle
26 concentrations under a variety of wind conditions. *Science of the Total Environment* 419: 7-15.
- 27 Lee, Suzanne; Velasquez, Suyapa; Flintsch, Gerardo and John Peterson, 2007, Road Noise
28 Attenuation Study: Traffic Noise, Trees and Quiet Pavement. Prepared in Response to Item 44C
29 of Chapter 847 of the Act of Assembly of 2007, State of Virginia. Available:
30 http://www.virginiadot.org/projects/resources/4_09_Highway_Noise_Final_Report.pdf.
- 31 LTK Engineering Services (LTK). 2014. FRA Waiver, Temporal Separation, and FRA Rule-Making for
32 Alternatively Compliant Vehicles. Prepared for Caltrain.
- 33 LTK Engineering Services (LTK). 2014a. PCEP FEIR Tier 4 Locomotive Inputs. Prepared for Caltrain.
34 August 6.
- 35 LTK Engineering Services (LTK). 2014b. Pantograph Head Contact Rail Wear Rate Analysis.
36 Prepared for Caltrain. July 11. California Air Resources Board. 2012. Status of Research on
37 Potential Mitigation Concepts to Reduce Exposure to Nearby Traffic Pollution. August. Available:
38 [http://www.arb.ca.gov/research/health/traff-eff/research%20status%20-](http://www.arb.ca.gov/research/health/traff-eff/research%20status%20-reducing%20exposure%20to%20traffic%20pollution.pdf)
39 [reducing%20exposure%20to%20traffic%20pollution.pdf](http://www.arb.ca.gov/research/health/traff-eff/research%20status%20-reducing%20exposure%20to%20traffic%20pollution.pdf).

- 1 LTK Engineering Services (LTK). 2008. Impact of Caltrain Electrification on Pacific Gas and Electric
2 Company Power System All Stop Train Operation. Prepared for Caltrain. December 31.
- 3 Milham. Samuel. 2010. Historical evidence that electrification caused the 20th century epidemic of
4 “diseases of civilization”. *Medical Hypotheses* 74: (2010) 337-45. Included as attachment to
5 TRANSDEF comment (Common O-16).
- 6 Milham, Samuel and L. Lloyd Morgan. 2008. A New Electromagnetic Exposure Metric: High
7 Frequency Voltage Transients Associated With Increased Cancer Incidence in Teachers in a
8 California School. *American Journal of Industrial Medicine*. 2008
- 9 Morgan, J. W. 2009. RE: A New Electromagnetic Exposure Metric: High Frequency Voltage Transients
10 Associated With Increased Cancer Incidence in Teachers in a California School, May 28, 2008;
11 51:579–586 Letter to the Editor, *American Journal of Industrial Medicine*, 52, p 350-351.
- 12 Napp, Andreas, MD.; Stephan Joosten, MSc; Dominik Stunder, MSc; Christian Knackstedt, MD;
13 Matthias Zink, MD; Barbara Bellmann, MD; Nikolaus Marx, MD; Patrick Schauerte, MD; Jiri Silny,
14 PhD. 2014. Electromagnetic Interference With Implantable Cardioverter-Defibrillators at Power
15 Frequency: An In Vivo Study. *Circulation*. 2014 Jan 28;129(4):441-50. doi:
16 10.1161/CIRCULATIONAHA.113.003081. Epub 2013 Oct 25. Available online at:
17 <http://circ.ahajournals.org/content/129/4/441.long>.
- 18 Office of Environmental Health Hazard Assessment (OEHHA). 1999. Air Toxics Hot Spots Program
19 Risk Assessment guidelines. Part 1. The Determination of Acute Reference Exposure Levels for
20 Airborne Toxicants. March. Available: <http://oehha.ca.gov/air/pdf/acuterel.pdf> Kam, W. 2013.
21 Particulate Matter (PM) Exposure for Commuters in Los Angeles: Chemical Characterization and
22 Implications to Public Health. Doctorate Dissertation. University of Southern California.
- 23 Pacific Gas and Electric Co (PG&E). 2012. PG&E's 2012 Power Content Label
24 (http://www.energy.ca.gov/sb1305/labels/2012_labels/IOUs/) Available
25 [http://www.pge.com/includes/docs/pdfs/shared/environment/calculator/pge_ghg_emission_f](http://www.pge.com/includes/docs/pdfs/shared/environment/calculator/pge_ghg_emission_factor_info_sheet.pdf)
26 [actor_info_sheet.pdf](http://www.pge.com/includes/docs/pdfs/shared/environment/calculator/pge_ghg_emission_factor_info_sheet.pdf).
- 27 Peninsula Corridor Joint Powers Board. 2014. “Commute Fleets.” Peninsula Corridor Joint Powers
28 Board. 2014. <http://www.caltrain.com/about/statsandreports/commutefleets.html>.
- 29 Peninsula Corridor Joint Powers Board. 2011. Caltrain Design Criteria: Chapter 7 – Grade Crossings.
30 < [http://www.caltrain.com/assets/_engineering/engineering-standards-](http://www.caltrain.com/assets/_engineering/engineering-standards-2/criteria/CHAPTER7.pdf)
31 [2/criteria/CHAPTER7.pdf](http://www.caltrain.com/assets/_engineering/engineering-standards-2/criteria/CHAPTER7.pdf)>.
- 32 San Francisco Municipal Transit Agency. 2008. “Central Subway Final Supplemental Environmental
33 Impact Statement / Supplemental Environmental Impact Report.” Available. <
34 <http://centralsubwaysf.com/FSEIS-SEIR-Chapter-1> >.
- 35 San Mateo County Transit District. 2013. Bicycle Advisory Committee. Available.
36 http://www.caltrain.com/about/advisorycommittees/Bicycle_Advisory_Committee.html.
- 37 Steffens JT, Wang YJ, Zhang KM, 2012. Exploration of effects of a vegetation barrier on particle size
38 distributions in a near-road environment. *Atmospheric Environment* 50: 120-128.

- 1 Transbay Joint Powers Authority (TJPA). 2004. and subsequent. Transbay Transit Center Program
- 2 Final SEIS/EIR (2004) and subsequent addenda. Available:
- 3 <<http://transbaycenter.org/tjpa/documents/environmental-documents>>.
- 4 Transportation Research Board. 2003. Transit Capacity and Quality of Service Manual (2nd Edition).
- 5 <http://www.trb.org/Main/Blurbs/153590.aspx>.
- 6 Transportation Research Board. 2000. Highway Capacity Manual.
- 7 https://snavarro.files.wordpress.com/2008/08/highway_capacital_manual.pdf.
- 8 U.S. Railcar. No Date. US Railcar DMU Specs. Available: <http://www.usrailcar.com/dmu-specs.php>.

