

## BIBLIOGRAPHY

- 100th Congress, 2nd Session, Committee Print, *Compilation of Selected Surface Transportation Laws*, 100-82, December 1988.
- 101st Congress, *Clean Air Act Amendments of 1990*, Public Law 101-549, November 15, 1990.
- 102nd Congress, 1st Session, *Committee Print, Compilation of Selected Acts Within the Jurisdiction of the Committee on Energy and Commerce (As Amended Through December 31, 1990)*, Com. Prt. 102-A, April 1991.
- 102nd Congress, 1st Session, *Intermodal Surface Transportation Efficiency Act of 1991*, Public Law 102-240, December 18, 1991.
- 103rd Congress, 2nd Session, House of Representatives, *National Highway System Designation Act of 1994*, to Accompany H.R. 4385, Report 103-519.
- 105th Congress, 2nd Session, House of Representatives, *Surface Transportation Revenue Act of 1998*, to Accompany H.R. 2400, March 27, 1998.
- 105th Congress, 2nd Session, House of Representatives, *Building Efficient Surface Transportation and Equity Act of 1998, Report of the Committee on Transportation and Infrastructure House of Representatives on H.R. 2400*, Report 105-467 Part 1, March 25, 1998.
- 105th Congress, 2nd Session, House of Representatives, Report 105-550, *Transportation Equity Act for the 21st Century, Conference Report to Accompany H.R. 2400*, May 22, 1998.
- Apogee Research, Inc., *Cost and Effectiveness of Transportation Control Measures (TCM's): A Review and Analysis of the Literature*, Prepared for the National Association of Regional Councils, January 1994.
- Apogee Research, Inc., Sarah Siwek & Associates, *TCM Quick Response Handbook*, Prepared for North Jersey Transportation Planning Authority, December 1995.
- Beimborn, E., Kennedy, R., Citizens for a Better Environment and The Environmental Defense Fund, *Inside the Blackbox: Making Transportation Models Work for Livable Communities*, 1996.
- Borroum, Steve, Chief Environmental Engineering, Memorandum, *To All Executive Directors, California MPO's, All District Planning Chiefs*, April 17, 1998.
- Burbank, Cindy, Memorandum, *Transportation Conformity and Ozone SIPs, A Traffic Signal Analogy*, May 14, 1994.

California Air Resources Board, *Analysis of Indirect Source Trip Activity at Regional Shopping Centers*, November 1993.

Caltrans, *Travel Forecasting Guidelines*--Reprinted by FHWA, November 1992.

Cambridge Systematics, Inc., *The Effects of Land Use & TDM on Commuting Behavior*, July 1994.

Cambridge Systematics, Inc., *Development of an Urban Truck Travel Model for the Phoenix Metro Area*, February 1992.

Chicago Area Transportation Study, *Transportation Control Measures Contribution to the 15% Rate of Progress State Implementation Plan*, December 9, 1993.

Chicago Area Transportation Study, *Transportation Control Measures Contribution to the Control Strategy State Implementation Plan*, March 9, 1995.

Chicago Area Transportation Study, *VMT Tracking and Forecasting*, May 1996.

Code of Federal Regulations 23, *Highways*, Revised as of April 1, 1996.

COMSIS, *Implementing Effective TDM Measures: . . .*, DOT-T-94-02, September 1993.

COMSIS, *Guidance Manual for Implement Effective TDM Programs*, DOT-T-94-05, November 1993.

DeCorla-Souza, P., Everett, J., Gardner, B., Culp, M., *Simplified and Rational Approach to Address New Modeling Requirements for Conformity Analysis*, Transportation Research Record 1472.

Department of Transportation, *Fundamentals of Air Quality for Highway Planning and Project Development*, November 1984.

Department of Transportation, *New Approaches to Travel Forecasting Models*, DOT-T-94-15, January 1994.

Department of Transportation, *Effects of Added Transportation Capacity*, DOT-T-94-12, January 1994.

Department of Transportation, *Congestion Pricing: Guidelines for Project Development*, May 1994.

Department of Transportation, *Identification of Transportation Planning Data Requirements in Federal Legislation*, July 1994.

Department of Transportation, *Short-term Travel Model Improvements*, DOT-T-95-05, October 1994.

Environmental Protection Agency, *Transportation Control Measures: State Implementation Plan Guidance*, September, 1990.

Environmental Protection Agency, OAQPS, *Guideline on Air Quality Models (Revised) and Supplements*, EPA-450/2-78-027R. Published also as Appendix W of CFR Part 51, 1986.

Environmental Protection Agency, Dolce, Gary, Environmental Scientist Technical Support Staff, Memorandum, *Reasonable Further Progress Requirements of the CAA Amendments of 1990*, January 18, 1991.

Environmental Protection Agency, *Transportation & Air Quality Planning Guidelines*, EPA 420/R-92-001, FHWA-PD-92-031, July 1992.

Environmental Protection Agency, OAQPS, *Guideline for Modeling Carbon Monoxide from Roadway Intersections*, EPA-454/R-92-005, November 1992.

Environmental Protection Agency, Office of Air Quality Planning and Standards, *Guidance on the Adjusted Base Year Emissions Inventory and the 1996 Target for the 15 Percent Rate-of-Progress Plans*, Ozone and Carbon Monoxide Programs Branch, 1993.

Environmental Protection Agency, *Federal Register*, *Air Quality: Transportation Plans, Programs, and Projects; Federal or State Implementation Plan Conformity; Rule*, 40 CFR Parts 51 and 93, Vol. 58, No. 225, November 24, 1993.

Environmental Protection Agency, *PM-10 Innovative Strategies: A Sourcebook for PM-10 Control Programs*, December 1993.

Environmental Protection Agency, 40 CFR Part 52, *Federal Register*, *Criteria for Exercising Discretionary Sanctions Under Title I of the Clean Air Act*, Vol. 59, No. 7, January 11, 1994.

Environmental Protection Agency, *User's Guide to MOBILE5 (Mobile Source Emissions Factor Model)*, EPA-AA-AQAB-94-01, May 1994.

Environmental Protection Agency, *Methodologies for Estimating Emissions and Travel Activity Effects of TCMs*, EPA-420/R-94-002, July 1994.

Environmental Protection Agency, OAQPS, *Limited Maintenance Plan Option for Nonclassifiable Ozone Nonattainment Areas*, Memorandum from Sally Shaver, Director, Air Quality Strategies and Standards Division, November 16, 1994.

Environmental Protection Agency, *Highway Vehicle Emissions Estimates II*, May 1995.

Environmental Protection Agency, 40 CFR Parts 51 and 93, *Federal Register*, *Transportation Conformity Rule Amendments: Transition to the Control Strategy Period*, Vol. 60, No. 15, August 7, 1995.

Environmental Protection Agency, 40 CFR Parts 51 and 93, *Federal Register*, *Transportation Conformity Rule Amendments: Miscellaneous Revisions*, Vol. 60, No. 167, August 29, 1995.

Environmental Protection Agency, OAQPS, *A Modeling Methodology for Predicting Pollutant Concentrations Near Roadway Intersections*, EPA-454/R-92-006 (Revised), September 1995.

Environmental Protection Agency, OAQPS, *Addendum to the User's Guide to CAL3QHC Version 2.0, CAL3QHCR User's Guide*, September 1995.

Environmental Protection Agency, OAQPS, *Limited Maintenance Plan Option for Nonclassifiable CO Nonattainment Areas*, Memorandum from Joseph W. Paisie, Group Leader, October 6, 1995.

Environmental Protection Agency, *Methodology for Gathering Locality-Specific Emissions Inventory Data*, June 1996.

Environmental Protection Agency, 40 CFR Parts 51 and 93, *Federal Register*, *Transportation Conformity Rule Amendments: Flexibility and Streamlining; Proposed Rule*, Vol. 61, No. 132, July 9, 1996.

Environmental Protection Agency, *Expedited Approval of Revisions to Previously Approved SIPs*, October 16, 1996.

Environmental Protection Agency, 40 CFR Parts 51 and 93, *Federal Register*, *Air Quality: Transportation Conformity Rule Amendments: Flexibility and Streamlining; Final Rule*, Vol. 62, No. 158, August 15, 1997.

Environmental Protection Agency, Wilson, Richard D., Memorandum, *Approval of Guidance on Incorporating Voluntary Mobile Source Emissions Reduction Programs in State Implementation Plans*, October 23, 1997.

Environmental Protection Agency, *Environmental Fact Sheet, Episodic Emissions Control Programs*, EPA-420/F-97-022, December 1997.

Environmental Protection Agency, *Environmental Fact Sheet, Transportation Control Measures*, EPA-420/F-97-021, December 1997.

Environmental Protection Agency, *Benefits Estimates for Selected TCM Programs*, EPA-420/R-98-002, May 1998.

Environmental Protection Agency, *Guidance on the Use of Market Mechanisms to Reduce Transportation Emissions*, June 1998.

Environmental Protection Agency, *Technical Methods for Analyzing Pricing Measures to Reduce Transportation Emissions*, EPA-231/R-98-006, August 1998.

Environmental Protection Agency's Transportation Air Quality Center World Wide Website at: [www.epa.gov/oms/traq](http://www.epa.gov/oms/traq).

EPA's Technology Transfer Network (TTN) website address contains many EPA-approved project level analysis methodologies and model updates as part of the Support Center for Regulatory Air Models (SCRAM) including project level modeling guidance such as CALINE3 and urban airshed modeling (UAM) guidance at: <http://www.epa.gov/ttn/scram/>

EPA's 1997 *Federal Register* version of Appendix W (40 CFR Part 51) "Guidance on Air Quality Models" may also be found on the TTN SCRAM website at: [http://www.epa.gov/ttn/scram/guidance/guide/appw\\_97.pdf](http://www.epa.gov/ttn/scram/guidance/guide/appw_97.pdf). The TTN website is maintained by EPA as a source of information on atmospheric dispersion (air quality) models that support regulatory programs required under the Clean Air Act. Documentation and guidance for computer models are a major feature of this website and includes the computer code, data and technical documents for the mathematical modeling for the dispersion of air pollutants.

Federal Highway Administration/Federal Transit Administration, *Final Rule: Environmental Impacts and Related Procedures*, Title 23, Code of Federal Regulations, Part 771 (1987), August, 28, 1987.

Federal Highway Administration, *Transportation Programs and Provisions of the Clean Air Act Amendments of 1990*, FHWA-PD-92-023, 1992.

Federal Highway Administration, *Air Quality Programs and Provisions of the Intermodal Surface Transportation Efficiency Act of 1991*, FHWA-PD-92-022, August 1992.

Federal Highway Administration/Federal Transit Administration, (1993) *Federal Register, Management and Monitoring Systems; Proposed Rule*, Title 23 Code of Federal Regulations, Part 500, et al., Title 49, Code of Federal Regulations, Part 614, March 2, 1993.

Federal Highway Administration/Federal Transit Administration, (1993), *Statewide Planning; Metropolitan Planning; Rule*, Federal Register, Title 23, Code of Federal Regulations, Part 450, Title 49, Code of Federal Regulations, Part 613, October 28, 1993.

Federal Highway Administration, *Highway Performance Monitoring System Field Manual*, November 1993.

Federal Highway Administration, *Evaluation of MOBILE Vehicle Emissions Model*, FHWA-PD-94-038, 1994.

Federal Highway Administration/Federal Transit Administration, (1994) *Innovations in Public Involvement for Transportation Planning*, FHWA-PD-94-021, January 1994.

Federal Highway Administration/Federal Transit Administration, *Federal Certification of the MPO (TMA) Planning Process*, April 28, 1994.

Federal Highway Administration/Federal Transit Administration, *Guidance on Major Investment Studies*, August 19, 1994.

Federal Highway Administration/Federal Transit Administration, *Public Involvement in Transportation Decision Making*, November 16, 1994.

Federal Highway Administration, *Checking the Reasonableness of Travel Model Forecasts*, Metropolitan Planning Division, July 26, 1995.

Federal Highway Administration/Federal Transit Administration, *A Guide to Metropolitan Transportation Planning Under ISTEA, How the Pieces Fit Together*, FHWA-PD-95-031, July 1995.

Federal Highway Administration, *Air Quality Case Studies Report*, FHWA-PD-95-034, August 1995.

Federal Highway Administration, *Data Aggregation Issues in the Application of the MOBILE Emissions Factor Model*, FHWA-PD-95-033, 1995.

Federal Highway Administration/Federal Transit Administration, *Congestion Mitigation and Air Quality Improvement Program: Innovations in Transportation and Air Quality*, FHWA-PD-96-016, 1996.

Federal Highway Administration, *The MOBILE Model and Transportation Planning: A Brief Overview*. FHWA-PD-96-005, 1996.

Federal Highway Administration, *Transportation Air Quality: Selected Facts and Figures*, FHWA-PD-96-006, 1996.

Federal Highway Administration/Federal Transit Administration, *Statewide Transportation Planning Under ISTEA: A New Framework for Decision Making*, FHWA-PD-96-026, 1996.

Federal Highway Administration, *Incorporating Feedback in Travel Forecasting: Methods, Pitfalls & Concerns*, March, 1996.

Federal Highway Administration, *Predicting High Occupancy Vehicle Lane Demand*, August 1996.

Federal Highway Administration, *Interagency Consultation: The Key Toward Collaborative State and Local Decision Making in the Conformity Process*, Publication No. DOT-T-97-11, October 1996.

Federal Highway Administration, *Characteristics of Urban Freight Systems*, November 1996.

Federal Highway Administration, *Air Quality Issues in Intercity Freight*, November 1996.

Federal Highway Administration, *Quick Response Freight Manual*, November 1996.

Federal Highway Administration, *Congestion Mitigation and Air Quality Improvement Program Review*, Office of Environment and Planning, Publication No. DOT-T-97-14, December 1996.

Federal Highway Administration, *VMT Growth and Improved Air Quality: How Long Can Progress Continue?* FHWA-PD-97-054, 1997.

Federal Highway Administration/Federal Transit Administration, *Congestion Mitigation and Air Quality Improvement Program, Indirect Benefits*, FHWA-PD-97-045, 1997.

Federal Highway Administration, Service Assessment Division, *Estimating Emissions Reductions from Vehicle Retirement Programs*, (Prepared for Environmental Analysis Division), FHWA-PD-97-011, February 1997.

Federal Highway Administration, Service Assessment Division, *The New Politics of Clean Air and Transportation*, (Prepared for Environmental Analysis Division), FHWA-PD-97-010, February 1997.

Federal Highway Administration/Federal Transit Administration, *Innovations in Public Involvement for Transportation Planning*, FHWA-PD-97-035, May 1997.

Federal Highway Administration/Federal Transit Administration, *Transportation Conformity, A Basic Guide for State & Local Officials*, FHWA-PD-97-035, May 1997.

Federal Highway Administration, *Air Quality Conformity Guidance for NEPA Project-Level Environmental Documentation in Nonattainment & Maintenance Areas*, October 28, 1997.

Federal Highway Administration, Office of Environment and Planning TMIP Report, *Time of Day*

- Modeling Procedures: State of Practice, State of the Art*, October 1997.
- Federal Highway Administration, *Transportation Conformity Amendments Final Rule, General Overview*, 1997.
- Federal Highway Administration/Federal Transit Administration, Memorandum, *Timely Implementation of TCMs*, February 20, 1998
- Federal Highway Administration, *National Personal Transportation Survey--Various Documents*.
- Frazier, J. A., Henneman, J. L. Transportation Research Board, *Project Level Air Quality Assessment Actions: Interrelating Conformity with the NEPA Process*, Paper No. 960534, January 1996.
- Garza, V., Graney, P., Sperling, D., Institute of Transportation Studies, *Transportation Project-Level Carbon Monoxide Protocol*, UCD-ITS-RR-96-1, May 1996.
- Gebhardt, Chuck, Ohio DOT, Chart, *Build vs. No-Build Air Quality Analysis*, March 14, 1994.
- Guensler, R., Shaheen, S., Mar, F., Yee, C. Y., Institute of Transportation Studies, University of California, Davis, *Draft, Conformity Policy: Air Quality Impact Assessment for Local Transportation Projects*, May 1994.
- Hawthorn, G., Meyer, M.D., prepared for American Association of State Highway and Transportation Officials, *A User Friendly Guide to the Transportation Provisions of the 1990 Clean Air Act Amendments*, February 1992.
- Hawthorn, G., Meyer, M.D., prepared for American Association of State Highway and Transportation Officials, *1990 Clean Air Act Amendments Transportation Provisions, Questions and Answers*, February 1992.
- Hawthorn, G., Meyer, M.D., prepared for American Association of State Highway and Transportation Officials, *Action Guide for the 1990 Clean Air Act Transportation Provisions*, February 1992.
- Heanue, K., Stout, R. W., Director Office of Environment and Planning, FHWA, Director, Office of Planning Operations, FTA, Memorandum, *Timely Implementation of Transportation Control Measures (TCMs)*, February 20, 1998.
- Heanue, Kevin, Director, Office of Environment and Planning, FHWA, Memorandum, *Guidance on Grandfathered Projects*, February 20, 1997.
- Heanue, Kevin, Director, Office of Environment and Planning, FHWA, (1997), Memorandum,

- Conformity Analysis in Rural Nonattainment Areas*, February 13, 1997.
- Heanue, Kevin, Director, Office of Environment and Planning, FHWA, Memorandum, *H.R. 2988: Clean Air Act Amendment for Traffic Signal Synchronization Projects*, December 16, 1996.
- Heanue, Kevin, Office of Environment and Planning, Federal Highway Administration, Memorandum, *Travel Modeling Guidance for Air Quality Analysis*, December 21, 1995.
- Heanue, K., Director, Zimmerman, S. L., Office of Environment and Planning, FHWA, FTA Office of Planning, Director, Memorandum, *Conformity and Nitrogen Oxides (NO<sub>x</sub>)*, May 17, 1994.
- Heanue, K., Director, Zimmerman, S. L., Office of Environment and Planning, FHWA, FTA Office of Planning, Director, Memorandum, *Conformity and Nitrogen Oxides (NO<sub>x</sub>)*, March 10, 1994.
- JHK, *TCM TOOLS User Manual & Methodology Doc. . .* , October 1991.
- KJS Associates, Inc., Sierra Research, Inc., and Environalysis, *Guidebook for Conformity on Project-Level Air Quality Analysis Assistance for Nonattainment Areas*, prepared for Puget Sound Regional Council, by KJS Associates, Inc., Sierra Research, Inc. and Environalysis, September 1995.
- Kruesi, Frank E., Office of the Secretary of Transportation, Memorandum, *Timeline for Impacts on Nonattainment Areas Under Clean Air Act*, December 9, 1994.
- Lorang, Phillip A., Director, Emissions Planning and Strategies Division, United States Environmental Protection Agency, Memorandum, *Conformity NO<sub>x</sub> Exemptions in the Ozone Transport Region*, July 12, 1994.
- Lorang, Phillip A., Director, Emissions Planning and Strategies Division, United States Environmental Protection Agency, Memorandum, *Transportation Conformity Q & A's*, February 15, 1994.
- Lorang, Phillip A., Director, Emissions Planning and Strategies Division, United States Environmental Protection Agency, Memorandum, *Transportation Conformity Q & A's*, May 2, 1994.
- Lorang, Phillip A., Director, Assessment and Modeling Division, United States Environmental Protection Agency, Memorandum, *Release of MOBILE5b*, October 11, 1996.
- Louis Berger & Associates, Inc., (Prepared for U.S. Department of Transportation) *Air Quality Planning and Implementation Process Research, Draft* , November 1996.

Maricopa Association of Governments, *Particulate Control Measure Feasibility Study*, January 24, 1997.

National Association of Regional Councils (NARC), *A Manual of Regional Transportation Modeling Practice for AQ Analysis*, July 1993.

National Cooperative Highway Research Program (NCHRP), *Improving Transportation Data for Mobile Source Emissions Estimates*, June 19, 1995.

National Cooperative Highway Research Program, (Phase I Findings: Interim Reports), *Research Results Digest, Development of an Improved Framework for the Analysis of Air Quality and Other Benefits and Costs of Transportation Control Measures*, Number 23, March 1998.

National Governors Association Center for Best Practices, *Integrating Transportation and Clean Air Planning: An Overview of State Experiences with the Transportation Conformity Requirements*, February 1997.

North Carolina State University, Center for Transportation and the Environment, Raleigh, North Carolina, *Cost Effectiveness of TCMs by CMAQ Category*, March 1997.

Pace III, Thompson G., United States Environmental Protection Agency, Memorandum, *Unofficial Copy of the Final Rule for Application Sequence for Clean Air Act §179 Sanctions Federal Register*, May 27, 1994.

Paisie, Joseph W., Integrated Policy and Strategies Group, United States Environmental Protection Agency, *Limited Maintenance Plan Option for Nonclassifiable CO Nonattainment Areas*, October 6, 1995

*PennDOT Project Level Air Quality Handbook*, prepared for the Pennsylvania Department of Transportation Bureau of Environmental Quality by COMSIS Corporation in cooperation with Garmen Associates, No. 321, March 1996.

Rizzo, Ryan, Federal Highway Administration, Memorandum, *Conformity Documents*, February 24, 1994.

SAI, *Methodologies for Estimating Emissions and Travel Activity Effects of TCMs*, July 1994.

San Diego Association of Governments, *Transportation Control Measures for the Air Quality Plan*, March 1992.

Shrouds, James M., *Challenges and Opportunities for Transportation: Implementation of the Clean Air Act Amendments of 1990 and the Intermodal Surface Transportation Efficiency Act of 1991*, Transportation 22: 193-215, 1995.

- Sierra Research, Inc., *User Manual for TCMTTOOLS-MOBILE*, October 1996.
- Sierra Research, Inc., prepared for the Federal Highway Administration, *A Comparison of EPA's MOBILE5a and MOBILE5b Emissions Factors Models*, November 23, 1996.
- Sierra Research, Inc., *Methodologies for Quantifying the Emissions Reductions of TCM's*, October 1991.
- Sierra Research, Inc., *User Manual for Software Developed to Quantify the Emissions Reductions and Cost Effectiveness of Selected Transportation Control Measures*, prepared for Federal Highway Administration, October 1996, p. 4-6 and Appendix C.
- Slater, Rodney E., Administrator, FHWA, Memorandum, *Exemption Criteria During Highway Sanctions*, March 11, 1996
- STAPPA/ALAPCO, *Controlling Particulate Matter Under the Clean Air Act: A Menu of Options*, July 1996.
- State and Territorial Air Pollution Program Administrators, Association of Local Air Pollution Control Officials, *Meeting the 15-Percent Rate-of-Progress Requirement Under the Clean Air Act: A Menu of Options*, September 1993.
- State and Territorial Air Pollution Program Administrators, Association of Local Air Pollution Control Officials, *Controlling Particulate Matter under the Clean Air Act: A Menu of Options*, July 1996.
- Southern California Association of Governments, *Interstate 15 and Cajalco Road Interchange, Conformity Analysis*, November 7, 1996.
- Southern California Association of Governments, *RTIP Guidelines FY 1998-2005*, February 1997.
- Southern California Association of Governments, *Transportation Conformity Consultation MOU for the Ventura County Portion of the South Central Coast Air Basin (SCCAB) Within the Jurisdiction of the Ventura County Air Pollution Control District (VCAPCD)*, September 7, 1995.
- TTI, *TTI – Travel Forecasting Guidelines*, October 1994.
- Terry, Lynn, *Office of Air Quality and Transportation Planning*, January 4, 1997.
- Texas Transportation Institute, *The Use and Evaluation of Transportation Control Measures*, Research Report 1279-6, September 1994
- Texas Natural Resource Conservation Commission, *Transportation Conformity Review Checklist*.

*Transportation Project Level Carbon Monoxide Protocol*, prepared for California Department of Transportation, Environmental Program, by Institute of Transportation Studies, University of California Davis, Report No. UCD-ITS-RR-96-1, May 1996.

Transportation Research Board, National Research Council, *Highway Capacity Manual, Third Edition*, Special Report No. 209, 1994.

Volpe Transportation Center, Deysher, B., Pickrell, D., Draft Report, *The Role of Transportation in State Implementation Plans*, Submitted to U.S. Department of Transportation, Federal Highway Administration, Noise and Air Quality Branch.

Volpe Transportation Center, *Travel Time Data Collection Field Tests - Lessons Learned*, January 1996.

WASHCOG, *TCMs Analyzed for Washington Region's 15% Rate of Progress Plan*, November 1994.