

## **Robert W. Poole, Jr.**

- Director of Transportation Policy at Reason Foundation, a nonprofit research and educational institution based in Los Angeles
- Founder and former president of Reason Foundation
- Nationally known expert on transportation and privatization policy

### **Education**

B.S., mechanical engineering, MIT

M.S., mechanical engineering, MIT

Graduate work in operations research and management science, NYU

### **Public Service (selected list)**

Member, Transportation Transition Team, Florida Gov.-elect Rick Scott, 2010

Member, WSDOT Expert Review Panel, Eastside Corridor Managed Lanes, 2010

Member, TRB Managed Lanes Committee, 2010-present

Member, Texas Study Committee on Private Participation in Toll Projects, 2008

Member, GAO National Aviation Studies Advisory Panel, 2005-present

Member, Governor's GoCalifornia Expert Review Panel, 2005.

Member, TRB Committee for the Study of the Long-term Viability of Fuel Taxes for Transportation Finance, 2003-05.

Steering Committee, CFEE project on financing California transportation infrastructure, 2003.

Steering Committee, OECD/TRB International Pricing Symposium, 2002-3.

Member, transportation task force, Bush-Cheney transition team, 2000.

Member, TRB Congestion Pricing Committee, 1996-2014.

Member, Governor's Commission on Transportation Investment (California), 1995

Member, SCAG Reduce Emissions and Congestion on Highways (REACH) Task Force, 1995.

Advisory Board, California ARB Market-Based TCMs Working Group, 1993-94.

Member, SCAG Advanced Transportation Technology Task Force, 1993-94.

Member, Vice President's Space Policy Advisory Board, 1992.

Member, Caltrans Privatization Advisory Steering Committee, 1989-90.

### **Consulting Assignments (selected list)**

Parsons Brinckerhoff, Advisor to Tampa Bus Toll Lanes Project (2012)

Expert Review Panel, Washington State DOT (2010), Eastside Corridor Tolling Study

Florida DOT District 6 (2008), South Florida Managed Lanes Network Study

Florida DOT District 6 (2001-2007), HOT lanes studies for I-95.

Jacobs Engineering/Georgia State Road & Tollway Authority (2004-2005), managed lanes policy.

Fluor Enterprises (2003-2004), research on FAST lanes, HOT lanes, and toll truck lanes.

White House National Economic Council (unpaid, 1999-2000), air traffic control corporation.

Canadian Council for Public-Private Partnerships (1995), procurement policy for BOT.

Apogee Research (1994), public-private partnership research for FHWA.

World Bank (1994), airport privatization.

Hickling Corp. (1994), airport runway pricing.

National Investment Bank of Jamaica/U.S.AID (1992), Montego Bay Airport privatization.

White House Office of Policy Development (1985-86), federal privatization.

## **Professional Positions**

Reason Foundation, Director of Transportation Policy (1994-present)

Reason Foundation, Founder and President (1978-2000)

Local Government Center, Cofounder and Chairman (1976-83)

Independent consultant (1975-77)

Public Safety Systems, Inc., public safety project analyst (1970-74)

Sikorsky Aircraft, weapon system analyst (1968-70)

## **Affiliations**

American Road & Transportation Builders Association, Public-Private Ventures Division, member of the board

Air Traffic Control Association, member

*Metro Investment Report*, contributing editor

Mont Pelerin Society, member

*Public Works Financing*, contributing editor

Reason Foundation, member of the board

Pi Tau Sigma, Sigma XI, and Tau Beta Pi

## **Selected Publications (excluding magazine and newsletter articles and op-ed pieces)**

*21<sup>st</sup> Century Highways: Converting Our Failing Highway System into a Customer-Friendly Service Industry*, (under review by two publishers), 2015

“Cost-Effective Airport Security Policy,” in Simon Hakim, et al., *Securing Transportation Systems*, John Wiley & Sons, 2016

“Truck-Friendly Tolls for 21<sup>st</sup> Century Interstates,” Reason Foundation Policy Study No. 446, July 2015

“Risk-Based Aviation Security: An Assessment of the U.S. Experience,” *Journal of Air Transport Management*, December 2014

“Toll Concession PPPs: Frequently Asked Questions,” Reason Foundation, December 2014

“The Feasibility of Modernizing the Interstate Highway System via Toll Finance,” *Research in Transportation Economics*, Vol. 44, June 2014

“Value-Added Tolling,” Policy Brief No. 116, Reason Foundation, March 2014

“Ten Reasons Why Per-Mile Tolling Is a Better Highway User Fee than Fuel Taxes,” Policy Brief No. 114, Reason Foundation, January 2014

“Organization and Innovation in Air Traffic Control,” Hudson Institute, January 2014

“Interstate 2.0: Modernizing the Interstate Highway System via Toll Finance,” Reason Foundation Policy Study No. 423, September 2013

“Funding Important Transportation Infrastructure in a Fiscally Constrained Environment,” Reason Foundation Policy Brief No. 102, January 2013

“Why the House Should Give States Greater Tolling Flexibility,” Reason Foundation Policy Brief No. 101, April 2012.

“Gaining Public Support for Freeway Congestion Pricing,” Reason Foundation Policy Study No. 402, April 2012.

“Increasing Mobility in Southeast Florida: A New Approach Based on Pricing and Bus Rapid Transit,” (with Thomas A. Rubin, CPA and Chris R. Swenson, PE), Reason Foundation Policy Study No. 400, March 2012.

“Should Florida Toll Agencies Be Consolidated?” (with Daryl F. Fleming), Reason Foundation Policy Study No. 401, January 2012.

“Managed Arterials: A New Application of the Managed Lanes Concept,” (with Chris R. Swenson, PE), paper #12-1248, for Transportation Research Board 2012 Annual Meeting, January 2012.

“Rebuilding and Modernizing Wisconsin’s Interstates with Toll Financing,” Reason Foundation Policy Study No. 398, September 2011.

“Transportation Infrastructure Finance and Innovation Act (TIFIA) Policy Brief,” Los Angeles: Reason Foundation, April 2011.

“Transportation Mega-Projects and Risk,” (with Peter Samuel), Los Angeles: Reason Foundation Policy Brief No. 97, February 2011.

“Rethinking the Politics of Freeway Congestion Pricing,” paper #11-0166, for Transportation Research Board 2011 Annual Meeting, January 2011.

“Restoring Trust in the Highway Trust Fund,” (with Adrian T. Moore), Policy Study No. 386, Los Angeles: Reason Foundation, August 2010.

“Time to Separate the ATO from FAA Safety Regulation,” (with Langhorne Bond), in *The Journal of Air Traffic Control*, Spring 2010.

“The Role of VMT Reduction in Meeting Climate Change Policy Goals,” (with Adrian T. Moore and Samuel R. Staley), *Transportation Research Part A*, 2010.

“Useful Lessons from California’s Experiment with Congestion Pricing,” in Ian W.H. Parry and Felicia Day, *Issues of the Day*, Resources for the Future, 2010.

“Managed Lanes: Networks vs. Individual Facilities,” paper #10-0770, for Transportation Research Board 2010 Annual Meeting, January 2010.

“When Should We Provide Separate Auto and Truck Roadways?” Discussion Paper No. 2009-24, OECD International Transport Forum, November 2009.

“The Case for Two-Tier Congestion Pricing on Urban Tollways,” *Tollways*, Autumn 2009

“Reducing Congestion in Lee County, Florida” (with Chris R. Swenson, PE), Policy Study No. 374, Los Angeles: Reason Foundation, February 2009.

“A Managed Lanes Vision for Southeast Florida,” Florida DOT District 6, January 2009.

“Automating Managed Lanes Enforcement,” paper #09-0385, for Transportation Research Board 2009 Annual Meeting, January 2009.

“Toward Risk-Based Aviation Security Policy,” Discussion Paper No. 2008-23, OECD/International Transport Forum, November 2008.

“Congestion Pricing for the New York Airports,” Policy Study No. 366, Los Angeles: Reason Foundation, December 2007.

“Miami Toll Truckway: Preliminary Feasibility Study,” Policy Study No. 365, Los Angeles: Reason Foundation, November 2007.

“The Urgent Need to Reform the FAA’s Air Traffic Control System,” Policy Study No. 358, Los Angeles: Reason Foundation, March 2007.

“Reducing Congestion in Atlanta,” Policy Study No. 351, Los Angeles: Reason Foundation, November 2006.

“Should Milwaukee’s Airport Be Privatized?” *Wisconsin Interest*, Fall 2006.

“Business Jets and ATC User Fees: Taking a Closer Look,” Policy Study No. 347, Los Angeles: Reason Foundation, August 2006.

“Adding FAST Lanes to Milwaukee’s Freeways” (with Kevin Soucie), Policy Study No. 342, Los Angeles: Reason Foundation, February 2006.

“Airport Security: Time for a New Model,” Policy Study No. 340, Los Angeles: Reason Foundation, January 2006.

“Resolving the Crisis in Air Traffic Control Funding” (with Vaughn Cordle), Policy Study No. 332, Los Angeles: Reason Foundation, May 2005.

“Design and Evaluation of Nationwide Deployment of Urban Area HOT Networks” (with Ted Balaker), Washington, DC: Science & Technology Policy Institute, Institute for Defense Analysis, March 15, 2005.

“Building for the Future: Easing California’s Transportation Crisis with Tolls and Public-Private Partnerships” (with Peter Samuel and Brian F. Chase), Policy Study No. 324, Los Angeles: Reason Foundation, January 2005.

“Corridors for Toll Truckways” (with Peter Samuel), Policy Study No. 316, Los Angeles: Reason Foundation, February 2004.

“Why an Air Traffic Control Corporation Makes Sense: A Response to the NATCA White Paper,” Policy Study No. 307, Los Angeles: Reason Foundation, March 2003.

“HOT Networks: A New Plan for Congestion Relief and Better Transit” (with C. Kenneth Orski), Policy Study No. 305, Los Angeles: Reason Foundation, February 2003.

“Is This Any Way to Run Space Transportation?” in Edward L. Hudgins (ed.), *Space: The Free-Market Frontier*, Washington, DC: Cato Institute, 2002.

“Rebuilding the Marquette Interchange via a Public-Private Partnership,” *Wisconsin Policy Research Institute Report*, Vol. 15, No. 9, December 2002.

“Improving Airport Passenger Screening,” Policy Study No. 298, Los Angeles: Reason Foundation, September 2002.

“Rethinking Checked-Baggage Screening” (with Viggo Butler), Policy Study No. 297, Los Angeles: Reason Foundation, July 2002.

“Toll Truckways: A New Path Toward Safer and More Efficient Freight Transportation” (with Peter Samuel and Jose Holguin-Veras), Policy Study No. 294, Los Angeles: Reason Foundation, June 2002.

“Commercializing Highways,” Policy Brief, Los Angeles: Reason Foundation, August 2001.

“Why AIR-21 Won’t Fix Air Traffic Control—and What Will,” *Journal of Air Traffic Control*, January-March 2001.

“How to Commercialize Air Traffic Control” (with Viggo Butler), Policy Study No. 278, Los Angeles: Reason Foundation, February 2001.

“HOT Lanes: A Better Way to Attack Urban Highway Congestion,” (with C. Kenneth Orski), *Regulation*, Vol. 23, No. 1, Spring 2000.

“Building a Case for HOT Lanes” (with C. Kenneth Orski), Policy Study No. 257, Los Angeles: Reason Foundation, April 1999.

“Airline Deregulation: The Unfinished Revolution,” (with Viggo Butler), *Regulation*, Vol. 22, No. 1, Spring 1999.

“Airline Deregulation: The Unfinished Revolution” (with Viggo Butler), Policy Study No. 255, Los Angeles: Reason Foundation, March 1999.

“Improving Transportation in the San Fernando Valley” (with Peter Gordon, James E. Moore II, and Thomas A. Rubin), Policy Study No. 249, Los Angeles: Reason Foundation, January 1999.

“Private Toll Roads: Changing the Highway Paradigm,” *Public Works Management & Policy*, Vol. 3, No. 1, July 1998.

“Airport Privatization Pilot Program,” Policy Brief No. 4, Los Angeles: Reason Foundation, September 1997

“Privatization: A New Transportation Paradigm,” *Annals, AAPSS*, No. 553, September 1997.

“United States: Pushing Back the Barriers,” in *Infrastructure Yearbook 1997*, Euromoney Publications, 1997.

“Wisconsin’s Sixty-Two Cents on the Federal Highway Dollar,” *Wisconsin Interest*, Vol. 6, No. 1, Spring/Summer 1997.

“Privatization for Economic Development,” in *The Privatization Process: A Worldwide Perspective*, Terry J. Anderson and Peter J. Hill (eds.), Lanham, MD: Rowman & Littlefield, 1996.

“Learning from U.S. Privatization Experiences,” in Camilla Summersfield (ed.), *International Privatization Review 1996-97*, Euromoney Publications, 1996.

“Defederalizing Transportation Programs,” Policy Study No. 216, Los Angeles: Reason Foundation, October 1996.

“Reinventing Air Traffic Control” (with Viggo Butler), Policy Study No. 206, Los Angeles: Reason Foundation, May 1996.

“Private Tollways for Wisconsin,” *Wisconsin Policy Research Institute Report*, Vol. 9, No. 2, February 1996.

“How to Privatize Orange County’s Airports,” Policy Study No. 194, Los Angeles: Reason Foundation, August 1995.

“Revitalizing State and Local Infrastructure,” Policy Study No. 190, Los Angeles: Reason Foundation, May 1995.

“Rescuing Orange County,” Policy Study No. 186, Los Angeles: Reason Foundation, February 1995.

“The Privatization of Milwaukee County’s General Mitchell International Airport,” *Wisconsin Policy Research Institute Report*, Vol. 7, No. 5, July 1994.

“Congestion Relief Toll Tunnels” (with Yuzo Sugimoto), *Transportation Quarterly*, Vol. 48, No. 2, Spring 1994.

“Shuttle Vans: The Overlooked Transit Alternative (with Michael Griffin), Policy Study No. 176, Los Angeles: Reason Foundation, April 1994.

*Free Minds and Free Markets: Twenty-Five Years of Reason* (co-editor with Virginia Postrel), San Francisco: Pacific Research Institute, 1993.

“How to Spin Off Air Traffic Control,” Policy Study No. 166, Los Angeles: Reason Foundation, August 1993.

“Privatizing Los Angeles International Airport” (with Bryan Snyder), Policy Study No. 143, Los Angeles: Reason Foundation, April 1993.

“Policy Perspectives and Possibilities” (with Lynn Scarlett) in *Rediscovering Urban America*, Jack Sommer and Donald A. Hicks (eds.), Office of Policy Development & Research, U.S. Department of Housing & Urban Development, January 1993.

“Privatization: The Record to Date,” in Norman Ashford & Clifton A. Moore (eds.), *Airport Finance*, New York: Van Nostrand Reinhold, 1992.

“Introducing Congestion Pricing on a New Toll Road,” *Transportation Research Record*, No. 1359, Transportation Research Board, 1992.

“Mining the Government Balance Sheet: What Cities and States Have to Sell” (with David Haarmeyer and Lynn Scarlett), Policy Study No. 139, Los Angeles: Reason Foundation, April 1992.

“Private Tollways: How States Can Leverage Federal Highway Funds,” Policy Study No. 136, Los Angeles: Reason Foundation, February 1992.

“The Public Benefits of Privatizing Logan Airport,” Policy Study No. 134, Los Angeles: Reason Foundation, November 1991.

“Toll Roads,” *Institutional Investor*, October 1991.

“Private Toll Roads: A Transportation Alternative for North Carolina,” Charlotte: John Locke Foundation, October 1991.

“Building a Safer and More Effective Air Traffic Control System,” Policy Study No. 126, Los Angeles: Reason Foundation, February 1991.

“Airport Privatization: What the Record Shows,” Policy Study No. 124, Los Angeles: Reason Foundation, August 1990.

“Selling LaGuardia and Kennedy Airports,” Policy Study No. 117, Los Angeles: Reason Foundation, May 1990.

“Privatizing Airports,” Policy Study No. 119, Los Angeles: Reason Foundation, January 1990.

“Resolving Gridlock in Southern California,” *Transportation Quarterly*, Vol. 42, No. 4, October 1988.

“Stocks Populi: Privatization Can Win Bipartisan Support,” *Policy Review*, Fall 1988.

“The Limits of Privatization,” in *Privatization: Tactics and Techniques*, Michael A. Walker (ed.), Vancouver: Fraser Institute, 1988.

“Status of State and Local Privatization Efforts” (with Philip E. Fixler, Jr.), in *Prospects for Privatization*, Steve H. Hanke (ed.), The Academy of Political Science, 1987.

“Privatizing the Air Traffic Control System,” Policy Study No. 101, Los Angeles: Reason Foundation, 1986.

“The Privatization Revolution” (with Philip E. Fixler, Jr.), *Policy Review*, Summer 1986.

*Unnatural Monopolies* (ed.), Lexington, MA: D.C. Heath Lexington Books, 1985.

“Privatizing Washington’s Airports,” CSE Issue Analysis, Washington, DC: Citizens for a Sound Economy, May 1985.

“Privatization of Transportation Infrastructure,” *Transportation Quarterly*, Spring 1984.

*Defending a Free Society* (ed.), Lexington, MA: D.C. Heath Lexington Books, 1984.

“Transit Systems,” in R. Q. Armington and William D. Ellis (eds.), *This Way Up*, Chicago: Regnery Gateway, 1984.

“Objections to Privatization,” *Policy Review*, Spring 1983.

“Municipal Services: The Privatization Option,” Backgrounder No. 238, Washington, DC: Heritage Foundation, 1983.

“Air Traffic Control: The Private Sector Option,” Backgrounder No. 216, Washington, DC: Heritage Foundation, 1982.

*Instead of Regulation* (ed.), Lexington, MA: D.C. Heath Lexington Books, 1982.

“Privatizing the Airways,” *Transportation Research Record*, January 1982.

“From Hand Up to Hand Out,” *Reader’s Digest*, November 1981.

“Community and Regional Development,” in *Agenda for Progress*, Washington, DC: Heritage Foundation, 1981.

*Cutting Back City Hall*, New York: Universe Books, 1980.

“Review and Analysis of Santa Barbara Fire Master Plan,” Santa Barbara: Local Government Center, May 1979.

“How to Break Up OPEC,” *The Freeman*, October 1978.

“The Business of Security,” *Inquiry*, June 12, 1978.

“Cost Assessment of AB 3121” (with James N. Lewis), Santa Barbara: Local Government Center, May 1978.

“Efficiency Study of the Whatcom County Sheriff’s Department” (with Gordon K. Zenk), Santa Barbara: Local Government Center, September 1977.

“Juvenile Justice Master Plan” (ed.), County of Santa Barbara, December 1976.



“Santa Barbara Combined Communications Center Feasibility Study” (with Michael E. Bloom), Santa Barbara: Planning & Management Consulting Corp., June 1976.

*Cut Local Taxes—Without Reducing Essential Services*, Santa Barbara: Reason Press, 1976.

“Hope Ranch Fire Department Feasibility Study,” Santa Barbara: General Research Corp., August 1975.

“Deterrence, Detection, and Apprehension Evaluation Report,” Cleveland Impact Cities Program, Santa Barbara: Planning & Management Consulting Corp., June 1975.

“The Limits of the Criminal Justice System,” *Law & Liberty*, September 1974.

“The Seabed Power Struggle,” *Mining Engineering*, 1974.

“Fly the Frenzied Skies,” in *The Libertarian Alternative*, Tibor R. Machan (ed.), Nelson-Hall, 1974.

“Development of a Model Criminal Justice System for Ventura County” (with Tim Ozenne), Santa Barbara: Public Safety Systems Inc., August 1973.

“Criminal Justice Resource Allocation for Ventura County” (with William Jago, Richard Liebermann, and Meredith Yates), Santa Barbara: Public Safety Systems Inc., August 1973.

“Criminal Justice Goal-Setting for Ventura County,” Santa Barbara: Public Safety Systems Inc., April 1973.

“Crime and Criminality Matrix for Ventura County,” Santa Barbara: Public Safety Systems Inc., February 1973.

“Crime and Demographic Profile of Ventura County,” Santa Barbara: Public Safety Systems Inc., January 1973.

“Inglewood Communications/Command & Control System Master Plan” (with Terence Honikman and Robert Enns), Santa Barbara: Public Safety Systems Inc., June 1972.

“Reason and Ecology,” in *Outside, Looking In*, Dorothy James (ed.), New York: Harper & Row, 1972.

“Phoenix Communications/Command & Control System Master Plan,” Santa Barbara: Public Safety Systems Inc., February 1972.

“El Segundo Public Safety Communications Project Master Plan” (with Terence Honikman), Santa Barbara: Public Safety Systems Inc., April 1971.

“Development of a Delphi-Type Technique to Generate the Goals of a Model Law Enforcement Agency” (with Stanley Abraham and Lynn Kinsky), Santa Barbara: Public Safety Systems Inc., February 1971.

“Evaluation of Police-Fire Partial Combination in the City of Peoria” (with William Hanna, Harvey Ryland, and Gordon Zenk), Santa Barbara: Public Safety Systems Inc., November 1970.

“Public Safety Communications/Command & Control System Development Project Master Plan for Huntington Beach” (with Michael E. Bloom), Santa Barbara: Public Safety Systems Inc., November 1970.