

# Professional Resume

**Jack M. Reilly, Ph.D,** *Senior Manager*



## Work Experience

### ***Transportation Management and Design, Inc.***

*– 2005-present, Senior Manager*

Dr. Reilly is the project manager for a number of transit studies, including development of a five year service plan for the Charlotte Area Transit System (CATS), and a transit plan for the Ann Arbor (MI) Transportation Authority (AATA). He also manages TMD's involvement in Bus Rapid Transit planning for the Detroit-Ann Arbor corridor and the introduction of technology for senior citizen identification in Pennsylvania.

### ***Capital District Transportation Authority, Albany, NY***

*1997-2005 Deputy Executive Development*

*1979-1997 Director of Planning and Development*

*1976-1979 Senior Planner*

Deputy Director of regional transportation agency operating fixed route and paratransit fleet, regional Medicaid brokerage and two railroad passenger terminals. Primary areas of responsibility include: capital project planning and development, grant and contract administration, service and corporate planning, information technology, facility management.

Recent project work consists primarily of management of a new passenger rail station at Rensselaer (NY), the 14th busiest Amtrak station in the country and the first major intercity railroad station built in the United States in over 50 years. Responsibilities included supervision of design, arranging tenant leases, developing plans for property management etc.

### ***Past Projects and Assignments***

- Capital Construction - project planning and management for a number of transit capital projects including a new operating base, expansion and renovation of existing offices and operating bases.
- Information Technology – project manager for a number of projects including electronic registering fareboxes, automatic vehicle location systems and mobile voice and data communications systems.
- Service Development – suburban shuttle services, regional fare integration, scheduling studies, park and ride services.
- Financial Management – responsible for arranging capital financing and grants management.

### ***RRC International, Inc., Latham, New York***

*– 1973-1976, Senior Planner*

Transportation analyst assigned to several transportation technology projects including credit card transit fare collection, statewide transit planning (West Virginia).

## Education

B.S., Civil Engineering –  
Transportation concentration,  
Rensselaer Polytechnic Institute,  
Troy, NY

M.Eng., Transportation  
Engineering, Rensselaer  
Polytechnic Institute, Troy, NY

Ph.D., Urban Studies  
(Concentrations in  
Transportation, Economics,  
Statistics) 1983, Rensselaer  
Polytechnic Institute, Troy, NY

## Honors & Awards

German Marshall Fund of the  
United States, Environmental  
Fellow, 1998. One month self-  
directed tour of transportation  
facilities and services in six  
European countries. (One of four  
fellowships awarded annually)  
Specific focus of the study tour  
was European bus rapid transit  
systems.

Eno Foundation for  
Transportation – International  
Transit Studies Program, 1996  
selected for a two week group  
tour of transportation facilities  
and services in four European  
Countries

**Years of Experience: 36**

## Professional Activities

Chair, Committee on Transit Capacity and Quality of Service, Transportation Research Board, 1998-2002. (Chair of editorial board for transit counterpart to the Highway Capacity Manual)

Panel Chair, Implementation Guidance for Bus Rapid Transit Systems, Transportation Research Board, currently chair of research study on applications of Bus Rapid Transit sponsored by the Federal Transit Administration. (1999-present)

Member, Selection Committee, Transit IDEA Program (Ideas Deserving Exploratory Analysis) 1992-2005. (grant program sponsored by Federal Transit Administration to identify promising technologies for transit applications)

Chair, Committee on Synthesis of Current Transit Practices, chaired editorial board for a series of reports documenting the state of the practice in a number of transportation management and analysis areas. 1989-1998.

Member Conference Committee, Critical Issues for the Future of Intercity Rail Transportation in the United States, 1998.

Advisory Panel Member, International Comparison of National Policies and Expectations Affecting Public Transit, research study sponsored by the Federal Transit Administration, conducted by the Transportation Research Board 1998-2001.



## Teaching Experience

- Adjunct Assistant Professor, Rensselaer Polytechnic Institute, 1979-present
- Taught Passenger Transportation Systems, Transportation Economics, Transportation Policy and Project Management to graduate and advanced undergraduate students.
- Adjunct Instructor, State University at Albany, 1983-1993 taught Transportation Planning Economics (graduate level)
- National Transit Institute – Data Collection Practices for Transit Management, 1998-2001, short course for transit practitioners, taught at 5 sites throughout the country.

## Consulting Experience

- Jamaica Ministry of Transport and Communications – Development of a Transit Policy for Kingston, Jamaica, 1989, work sponsored by the World Bank.
- National Academy of Sciences, Transportation Research Board – Integrating Transit Operations into Traffic Simulation Models, 1998-1999.
- New York State Senate High Speed Rail Task Force – Advisor on high speed rail issues in New York State. (2005 – present)

## Publications (All publications peer reviewed)

### Book Chapters

- Mirchandani, Pitu, and Jack M. Reilly, Ph.D. "Spatial Distribution Design for Fire Fighting Units". Avijit Ghosh and Rushton, Gerard. Spatial Analysis and Location-Allocation Models. New York: Van Nostrand Reinhold, 1986.
- Reilly, Ph.D., Jack M. "Evaluating the Privatization of a Small Airport". Hakim, Simon, Paul Seidenstadt, and Gary W. Bowman. Privatizing Transportation Systems. New York: Greenwood Publishing Group, 1996.

### Articles

- Reilly, Ph.D., Jack M. "Transit Costs During Peak and Off-Peak Hours". Transportation Research Record 1977: No. 625.
- Reilly, Ph.D., Jack M. "Efficiency of Transit Subsidies to the Elderly". Transportation Research Record 1978: No. 688.
- D'Ignazio, and Jack M. Reilly, Ph.D. "Microcomputer Applications in Transit Agencies". Transportation Research Record 1983: No. 932.
- Mirchandani, Pitu, and Jack M. Reilly, Ph.D. "Spatial Nodes in Discrete Location Problems". Annals of Operations Research 1986: Vol. 6.
- Reilly, Ph.D., Jack M. "Development and Application of a Fire Station Placement Model". Fire Technology 1985: Vol. 21, No. 3.
- Reilly, Ph.D., Jack M. "Local Bus Transit Service Design and Quality in Western Europe, in Making Transit Work – Insight from Western Europe, Canada and the United States". Transportation Research Board Washington, DC, 2001.