

Biographic Sketches of Herbert S. Levinson



Herbert S. Levinson

is a graduate of Illinois Institute of Technology (BS in Civil Engineering, 1949), did graduate work at Northwestern University (1950) and has a Certificate in Highway Traffic from the Yale University Bureau of Highway Traffic (1952). He is a registered professional engineer in Connecticut, Massachusetts and New York.

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Herbert S. Levinson started his career in the Traffic Engineering Section of the Chicago Park District in 1949. He joined Wilber Smith and Associates as an associate in 1952, and then served as Principal Associate, Vice President and Senior Vice President. During his 28-years stay, he directed and coordinated projects of national significance, and provided professional consultation on a firm-wide basis. He developed many of the firm's innovations in traffic engineering, transportation planning, transport policy and research. Mr. Levinson has been an independent transportation consultant since 1980.

Throughout his career, he has also been a consultant to government agencies in the USA and abroad. He has consulted to the World Bank, United Nations, Puerto Rico Planning Board, Singapore Urban Redevelopment Authority, and the Federal Transit Administration. He has worked on projects throughout the United States and Canada, in the Virgin Islands, Mauritius, Sri Lanka, the Philippines, Singapore, Taiwan, and China.

Mr. Levinson was a visiting lecturer in Transportation at Yale University from 1961-1980; a Professor in Civil Engineering at the University of Connecticut From 1980- 1986; and a Professor of Transportation at Polytechnic University of New York (1986-1988). He is currently an Icon Mentor (Senior Research Fellow) at the Urban Transportation Research Center, City College, New York.

Herbert S. Levinson is a recognized authority on transportation planning, traffic engineering and public transport, who has authored several books, many research reports, and more than 200 publications. These publications cover a broad spectrum of the transportation field.

He has pioneered in the relationship of transportation and land development. Significant publications include Future Highways and Urban Growth, (Research Report, 1961); Transportation and Parking for Tomorrow's Cities, (Research Report, 1966); Characteristics of Urban Transportation Demand, (Research Report, 1978 and 1988); Urban Travel Characteristics, Author (Chapter in ITE Transportation and Traffic Engineering Handbooks, 1975, 1982); Cities, Transportation and Changes, (Author ENO, 1996 and Highway, People, and Places, (Author ASCE ITE 2004).

Mr. Levinson's contribution to capacity analysis includes Transit Capacity Chapter (Author, 1985 HCM); Capacity in Transportation Planning (Co-author, ITE-Transportation Planning Handbook, 1992); Safe Highway Capacity (Author, Traffic Engineering, 1953); Critical Movement Analysis for Shared Left Turns (Author, TRB, 1988); The Capacity of Shared Left Turn Lanes (Author, TRB, 1989); and The Capacity of Shared Left Turn Lanes – A Comparative Analysis (Co-author, ASCE ITE, 2001).

He has written extensively on public transportation, and has pioneered in bus capacity, bus use of highway, and bus rapid transit. Significant publications include Bus Route and Scheduling Guidelines (Author, TRB, 1980); Mass Transportation Chapter in Transportation Planning Handbook (Author, ITE, 1992); Supervision Strategies for Improved Reliability of Bus Routes (Author, TRB, 1991); Bus Capacity Analysis (Co-author, TRB, 1985); Bus Lane Capacity Revisited (Co-author, TRB, 1991). He was principal investigator for NCHRP Reports 143 and 155 on Bus Use of Highways. He was co-principal investigator

for TCRP Report 26 Operational Analysis of Bus Lanes on Arterials, (1997) and TCRP Report 90 Bus Rapid Transit (2003).

Mr. Levinson has made major contributions in access management, traffic congestion analysis and parking. He directed the Metropolitan Boston Parking Study (1974); and helped formulate parking requirements for the Singapore Urban Redevelopment Authority (1990). He wrote Parking in the City Center, 1965; and co-authored the ENO foundation book Parking in 1990.

Mr. Levinson is a member of the American Planning Association, the American Society of Civil Engineers (Fellow), the Institute of Transportation Engineers (Hon.), the Transportation Research Board (Executive Committee), and the National Academy of Engineering.

He is the recipient of awards from the American Society Civil Engineers (1993, 1997, 2003), the Connecticut Academy of Science and Engineering (2003), the Institute of Transportation Engineers (1979, 1981, 1997), and the Transportation Research Board (1997). He received the presidential Design Award for Excellence (1988). He has been listed in Who's Who in Engineering, and Who's Who in America.