

Chester E. Chellman, P.E., L.L.S.

Chester "Rick" Chellman has more than thirty years of experience in civil engineering design, engineering consulting, traffic engineering and land surveying, land use regulations and development planning. Rick has site planning, civil and forensic



engineering, zoning, expert testimony and land use experience throughout the United States of America and many other countries. In recent years, Rick has worked extensively on the engineering and traffic engineering aspects of Traditional Neighborhood Development (TND), and New Urbanism (NU) particularly concerning the matters of street design, parking, vehicular and human-powered

Professional Registrations

Professional Engineer:

Licensed in all of the lower 48 States in the United States, and the District of Columbia.

Licensed Land Surveyor:

Licensed in Maine and New Hampshire

Publications Co-Author/Team Member

"NACTO Urban Street Design Manual", NACTO, NY, NY, 2013;

"Context Sensitive Solutions in Designing Walkable Urban Thoroughfares" Institute of Transportation Engineers, Washington, D.C. Technical Advisor, 2010.

"Traditional Neighborhood Development Street Design Guidelines" Institute of Transportation Engineers, Washington, D.C. Recommended Practice. Neighborhood Street Design Committee, 1999.

"Neighborhood Street Design Guidelines" Institute of Transportation Engineers, Washington, D.C. Recommended Practice. Neighborhood Street Design Committee, 2010.

transportation.

Rick has extensive experience in public participatory planning events. This experience includes participation in numerous charrettes in many US and international locations. Rick also led charrettes to design the new towns of Tongzhou in Beijing, China and Santa Isabel in Guatemala.

Rick was awarded a Knight Fellowship from the University of Miami, and he has lectured at several universities, including Harvard, New Hampshire, New Mexico, Texas and California. Rick often speaks on the topics of street design, transportation and urban design.

Rick has also designed streets and prepared traffic impact analyses throughout the United States, the Middle East, Guatemala, Mexico, Costa Rica, El Salvador, China, Russia and Canada. Rick personally designed all of the streets in the new capital city of Abu Dhabi as he began work on the new Urban Street Design Manual for the Emirate of Abu Dhabi with other team members.

“Complete Streets Chicago” City of Chicago, Department of Transportation, 2013.

“Urban Street Design Manual” a design and policy manual for the construction, design and layout of urban streets in the Emirate of Abu Dhabi, United Arab Republic, 2009.

“Real Urban Intersection Design” Institute of Transportation Engineers Journal, May, 2014.

“Development of a Context Sensitive Multimodal Functional Classification System”, National Cooperative Highway Research Program, 2016.

Awards

Charter Award, Congress for the New Urbanism, 2006 for the Urban Extension of Crewkerne, UK (Team Member)

ITE Transportation Planning Council Technical Committee Award for Traditional Neighborhood Development Street Design Guidelines when it was a proposed recommended practice in 1998.

Charter Award, Congress for the New Urbanism, 2009 for The Smart Code (Team Member)

Driehaus Form-Based Codes Award, 2010 for City of Peoria Form-Based Code (Team Member)

EPA Programs and Policies Award, 2012 for Portsmouth, Va. Form-Based Code (Team Member)

Driehaus Form-Based Codes Award, 2012 for City of Santa Ana Transit Zoning Code (Team Member)

Municipal Experience

Chairman of the elected Board of Selectmen for the Town of Tuftonboro, New Hampshire; nine-year member of the Tuftonboro Planning Board, including professional assistance in the completion of the Town's Master Plan; and two years' service on the Tuftonboro Zoning Board of Adjustment.

Expert Witness

Expert qualification and testimony as an Engineer and/or Land Surveyor in several venues and jurisdictions including District Court, Superior Court (“Supreme Court” in New York) and Federal District Courts in New Hampshire, Maine, Vermont, New York, Massachusetts, Georgia, California and New Mexico (not all Courts in all jurisdictions).

Memberships:

American Society of Civil Engineers

Charter member, **Congress for the New Urbanism**

Institute of Transportation Engineers (Fellow); member of ITE Transportation Expert Witness, Traffic Engineering, Transit, Transportation Planning, Parking and Pedestrian and bicycle Councils

National Society of Professional Engineers

Resource Council, **Form Based Codes Institute**

Positions Held:

Founder: White Mountain Survey Company Co. Inc. / White Mountain Survey & Engineering, Inc.;

Consultant: TND Engineering; Director of Development: NewMedico Associates, Inc.;

Board Member: White Mountain National Bank; Board Member: Congress for the New Urbanism;

Principal: Nelson\Nygaard Consulting Associates; Director of Design: Smart Growth America.

Personal:

Rick is an avid photographer, and he enjoys walking, reading, science and exploring.