

Michael King

Principal



Michael King has designed streets for 20 years, working at the intersection of transportation and urban design, with a particular emphasis on pedestrian safety, bicycle facilities, and traffic calming. He was the 1st director of traffic calming for New York City, was involved in the 1st Safe Routes to School program in the USA (Bronx, NY), and designed the 2nd shared space street in the USA (Santa Monica, CA). He has researched shared streets for the European Union and has built shared and traffic calmed streets in Mexico, India, and China. Michael maintains an extensive image catalogue of shared streets around the country and the world.

EDUCATION

Master of Architecture, Columbia University, New York, 1992, Bachelor of Arts, Architecture, 1987, Washington University, St. Louis, Washington University, Urban Design Studio, Barcelona, Spain, 1987

EXPERIENCE

Nelson\Nygaard Consulting Associates Inc.
Principal 2004–Present

Street design and operations including traffic calming, streetscape, bicycle facilities, pedestrian facilities, and accessibility (ADA compliance):

- State of Rio de Janeiro (Brasil) Non-motorized Transportation Master Plan, 2011
- South Grand Boulevard “Road Diet” Redesign, St Louis, MO, 2010 **AWARD WINNER**
- Urban Street Design Manual, Abu Dhabi (UAE), 2010
- Minnesota Avenue Redesign, Washington DC, 2010
- Columbus Avenue Redesign, San Francisco CA, 2009
- Longfellow Street “Shared Street” Redesign, Santa Monica CA, 2009
- Al Rayyan Road Corridor Alternative Analysis, Doha (Qatar), 2008
- San Francisco Streetscape Design Manual, San Francisco, CA, 2008
- Baltimore Avenue Transportation Study, College Park MD, 2007
- Benjamin Franklin Parkway Circulation, Transit and Parking Study, Philadelphia PA, 2006

Analysis, planning and design of non-motorized facilities and routes, either as a stand-alone project or part of a larger work:

- Non-Motorized Transport Analysis and Design, Low-Carbon Urban Transport Initiative in Wuhan (China), World Bank, 2011
- Improvement of Pedestrian Safety and Movement in Al Ain (UAE), 2011
- New Haven Bicycle and Pedestrian Gap Analysis, New Haven CT, 2009
- Airline Drive Bicycle and Pedestrian Conceptual Plan, Houston TX, 2008
- Avenida Federalismo Cycletrack Design, Guadalajara (México), 2008
- Seattle Children’s Hospital Non-motorized Access Study, Seattle WA, 2008
- Sugar Land Bicycle and Pedestrian Conceptual Plan, Sugar Land TX, 2007

- Sustainability in Asian Cities Report (Changzhou and Harbin, China), Asian Development Bank, 2007
- Bicycle Facilities Plan Update, Madison County IL, 2006
- Galveston Bicycle and Pedestrian Conceptual Plan, Galveston TX, 2006 **AWARD WINNER**
- Pardall Road Bicycle Facilities Design, Santa Barbara CA, 2006
- Safe Routes to Transit Manual, Sustainable Urban Transport Project, 2005
- Design of Pedestrian and Bicycle Facilities along Bus Rapid Transit Corridors, Schenectady NY, 2008; México City (México), 2007; Guangzhou (China), 2006; Dar es Salaam (Tanzania), 2005

Multimodal transportation network planning and design including transit-oriented development, station access, parks, campuses, and linkage plans:

- Al Ain Central District Plan, Al Ain (UAE), 2010
- Manchester Road Corridor Plan, St Louis MO, 2010
- New Orleans Downtown Mobility Study, New Orleans LA, 2009
- Trenton Capitol Park Design, Trenton NJ, 2009
- Abu Dhabi Airport Area Framework Plan, Abu Dhabi (UAE), 2008
- Crystal City Transportation Study, Arlington VA, 2008
- Qunli New Downtown Plan, Harbin (China), 2008
- Upper West Side Livable Streets Blueprint Report, Manhattan NY, 2008
- Downtown Manassas Plan, Manassas VA, 2006 **AWARD WINNER**
- Harriman Campus - University at Albany Linkage Study, Albany NY, 2006
- Market-Frankford Transit-oriented Development Study, Philadelphia PA, 2006
- Trenton Station Linkage Study, Trenton NJ, 2006

Workshops, charrettes, seminars, competitions, reviews:

- Pedestrian Safety Workshops, Rio de Janeiro (Brazil) 2010
- Grand Army Plaza Design Competition, Brooklyn NY, 2008 **AWARD WINNER**
- Salaam Street Design Charrette, Abu Dhabi (UAE), 2007
- Takoma Station Transit-oriented Development Site Review, Takoma Park MD, 2007
- West Plaza Traffic Calming Charrette, Kansas City KS, 2006
- Designing Pedestrian Facilities for Accessibility Seminars, 2005
- Mockingbird Plaza Transit-oriented Development Charrette, Dallas TX, 2005
- Cabrini Park Design Charrette, Brooklyn NY, 2004
- Eje 8 BRT Review, México City (México), 2004
- Real Intersection Design Professional Development Seminars, Boston, Chicago, New Jersey, New York, Orlando, Philadelphia, St Paul, Seattle, Tucson, Washington, ongoing. Seminar materials developed for Institute for Transportation Engineers, 2004

PREVIOUS EXPERIENCE

Traffic Calmer, Brooklyn, NY

Principal, 1999-2004

- Safe Routes for Seniors Study, NYS Department of Health, 2004
- Improving Conditions for Pedestrians Study, Bangkok Metropolitan Administration (Thailand), 2004
- Design of Pedestrian and Bicycle Facilities along Bus Rapid Transit Corridors, Jakarta (Indonesia), 2003; New Delhi (India), 2003
- Tubman Triangle Pedestrian Safety Study, Manhattan Borough President, 2003
- Neighborhood Traffic Calming Reports, New York Community Trust, 2003
- Video Visual Preference Survey of Main Streets, Voorhees Transportation Center, Rutgers University, 2003
- Traffic Calming Chapter in Roadway Design Manual, New Jersey Department of Transportation, 2003
- Flexible Design of New Jersey Main Streets Book, New Jersey Department of Transportation, 2002
- Bicycle Facility Selection, University of North Carolina, 2002
- Bronx 5 Intersection Safety Report, Bronx Borough President, 2001
- Huguenot Street Traffic Management Study, Village of New Paltz NY, 1999

Research Institute for Regional and Urban Development, Dortmund (Germany)

Visiting Scholar, 1998-99

- LEDA: Legal and Regulatory Measures for Sustainable Transport in Cities, European Union

New York City Department of Transportation, New York, NY

Director of Traffic Calming, 1997-98; Urban Designer, 1993-98

- Originated Speed Hump Program
- Herald Square Redesign Project
- Leading Pedestrian Intervals Program
- Highway Capacity Manual 2000, Pedestrian and Bicycle Chapter Review
- Traffic Calming Device Program
- Curb Extensions Policy
- Vehicle-Pedestrian Crash Mapping Program
- Pedestrian Network Survey

PUBLISHED (SELECTED)

- "Turning Highways into Main Streets: Two Innovations in Planning Methodology" Journal of the American Planning Association, Summer 2005
- "Institutionalizing Traffic Calming in the United States" The Asian Journal of Transport and Infrastructure, July 2004
- "Zebra Crosswalk Markings," "Raised Intersection," "Raised Crosswalk" Pedestrian Safety Guide and Countermeasure Selection System, 2004
- "Pedestrian Safety through a Raised Median and Redesigned Intersections" Transportation Research Record 1828, 2003



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PRESENTATIONS (SELECTED)

- Moving the Curbs, University of Pennsylvania, 2006-09
- Designing Complete Streets, National Capital Planning Commission, Washington DC, 2007
- Non-motorized Transport Tools, Ministry of Cities, Brasilia, 2005
- Intersections for All Users, Closing Plenary, Institute of Transportation Engineers Conference, Irvine, 2004
- Improving Conditions for Pedestrians, Building a New City Conference, United Nations, Bangkok, 2004
- Context Sensitive Main Street Design, National Town Meeting on Main Street, Ft. Worth, 2002
- States Flexing Main Street Design, Transportation Research Board, Washington, 2001

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

- Registered Architect, New York
- Walk21 Conference, Program Committee, 2009
- World Health Organization, 9th World Conference on Injury Prevention and Safety Promotion, Scientific Committee, 2008
- USDOT Safe Routes to School Task Force, 2008
- Association of Pedestrian and Bicycle Professionals, Vice President, 2006
- New York New Visions, Connections Committee, 2003