



**Michael M. Moule, PE, PTOE • President**  
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## **Experience Summary**

Michael Moule has over 13 years of progressive traffic and transportation engineering experience, including street design, traffic engineering, pedestrian and bicycle facility planning and design, development review, neighborhood traffic concerns, construction administration, and involvement of citizens in transportation issues on the state and local level. Mr. Moule combines traditional transportation engineering and planning with cutting-edge methods and technologies to create innovative solutions to the transportation and livability challenges faced by communities throughout the United States.

Mr. Moule is a Registered Professional Engineer with a Civil Engineering Degree from Princeton University.

## **Experience**

**Oct. 2002 - Present**

### **Principal Transportation Engineer – Livable Streets, Inc. Tampa, Florida**

Mr. Moule is President and Principal Transportation Engineer of Livable Streets, Inc., the company he formed to assist state and local governments in planning, designing, and maintaining transportation systems that accommodate all modes of transportation as a means of improving quality of life. He has significant innovative design experience and specializes in improving conditions for non-motorized users without degrading vehicle capacity. Specifically, he works in pedestrian and bicycle transportation engineering and planning, traffic analysis, community friendly street design, "main street" projects, traffic calming, intersection design including roundabouts, shared use path design, traffic control design, "road diets", bike lane restriping projects, transportation design for neo-traditional development, and other similar projects.

Mr. Moule makes frequent presentations at local, regional, and national conferences and forums. He employs a public workshop format where he presents "toolboxes" of various treatments (e.g. traffic calming measures, pedestrian crossing treatments, bicycle facilities, etc.) to citizens in order to train them to design and recommend solutions. He actively participates in international email discussion groups concerning transportation engineering and multi-modal transportation which enable him to keep abreast of the "state of the practice" and new developments or technology. Mr. Moule regularly reviews various state and federal transportation and engineering standards documents.

**April 2002 - Sept. 2002**

### **Senior Transportation Engineer – Sprinkle Consulting, Inc. Tampa, Florida**

Mr. Moule joined SCI to broaden the firm's already strong expertise in pedestrian and bicycle transportation. The projects he worked on included regional bicycle and pedestrian plans, traffic engineering and design for shared use paths, and research projects related to bicycle and pedestrian transportation.

**March 1999 - April 2002**

### **City Traffic Engineer - City of Asheville Asheville, North Carolina**

Mr. Moule joined the City of Asheville Engineering Department to provide a balanced approach to transportation engineering for the city. He used his specific experience in non-motorized transportation combined with an overall background in transportation and civil engineering to provide the City of Asheville with a transportation system that serves all users. Mr. Moule developed, authored, and implemented the Traffic Calming Policy for the City.

City Traffic Engineer's responsibilities include supervising professional, technical, and administrative staff, writing policies and procedures, developing and revising standards for streets and traffic control devices, designing traffic calming projects, changing parking designations, overseeing the operation of the City's signal system, designing roadway

improvements, reviewing development plans, administering a portion of the Transportation Services Division Budget, recommending changes to speed limits, creating temporary traffic control plans, and adding or removing traffic control signs.

Mr. Moule participated in frequent public meetings in order to provide information to the public and get feedback from residents. He also made regular presentations to the City Council, other public boards and committees, and citizens.

**July 1993 -  
Feb. 1999**

**Oregon Department of Transportation (ODOT)**

March 1998 -  
February 1999

**Project Coordinator/Pedestrian and Bicycle Coordinator - Region 4 Bend, Oregon**

Mr. Moule transferred to Region 4 to design and administer construction of a portion of the Bend Parkway, an urban expressway constructed through the center of Bend. He used his expertise in pedestrian and bicycle accommodation to minimize the negative impacts that this new facility and other projects in Region 4 have on non-motorized transportation.

Project Coordinators' responsibilities included designing and overseeing the construction of multi-modal highways that comply with federal, state and local standards using MicroStation drafting software and Inroads road design software. Specifically these designs included road alignment, typical sections, sidewalks, storm sewer systems, and staging and detours. Design phase responsibilities included directing and reviewing the drafting of construction plans and reviewing designs for traffic signals, permanent signing, structures, and landscaping. Construction phase responsibilities included completing redesigns due to unforeseen problems or new information, and directing the work of project inspectors and surveyors.

Pedestrian and Bicycle Coordinator's duties included providing technical guidance to ODOT personnel, local governments and others to assist them in accommodating pedestrians and bicyclists on roads and highways in Region 4. Both positions required frequent public involvement and meetings to exchange information with citizen groups.

June 1995 -  
Feb 1998

**Bicycle & Pedestrian Facility Specialist - Bicycle & Pedestrian Program Salem, Oregon**

Mr. Moule's primary responsibility was to ensure that all construction projects on Oregon's highways included appropriate accommodations for pedestrians and bicyclists. His secondary responsibility was to work with local governments to improve conditions for these non-motorized users on other roads in the state. Specific duties to achieve these goals included reviewing road construction and traffic control plans, providing technical guidance to ODOT employees, local governments and consultants, and inspecting in-progress and completed projects. Mr. Moule also tracked bicycle and pedestrian expenditures and administered a grant program for cities and counties. Mr. Moule's duties also included preparing and updating cycling maps and publications including the Oregon Bicyclists Manual, the Bicycle and Pedestrian Count Report, and the Oregon Bicycle and Pedestrian Plan (OBPP). Revisions to the OBPP included changing and developing State of Oregon design standards and guidelines.

Mr. Moule was instrumental in updating ODOT's standard drawings for sidewalk ramps and driveways at sidewalks in order to meet Americans with Disabilities Act (ADA) requirements. He became ODOT's foremost expert on accommodating the disabled on public sidewalks.

July 1994 -  
June 1995

**Associate Structural Designer - Bridge Section**

**Salem, Oregon**

(3<sup>rd</sup> rotation, Graduate Engineer Program)

Associate Structural Designers' responsibilities included designing structures, checking others' designs, and reviewing contractors' "shop" drawings prior to construction.

January 1994 -  
June 1994

**Junior Designer - Region 4 Project Development Office**

**Bend, Oregon**

(2<sup>nd</sup> rotation, Graduate Engineer Program)

Junior Designers' duties included preparing survey data for design, completing preliminary geometric and traffic control design of roads and highways, and estimating quantities and costs.

July 1993 -  
Dec. 1993

**Chief Inspector/Party Chief - Construction Office**

**Bend, Oregon**

(1<sup>st</sup> rotation, Graduate Engineer Program)

Inspectors' duties included monitoring and inspecting highway construction work by contractors. Party Chiefs' responsibilities included surveying in preparation for highway construction.

<b>Education</b>	<b>BSE Civil Engineering – Princeton University, Princeton NJ 1993</b> Program in Architecture and Engineering. Senior thesis topic: Bridges of Oregon Coast Highway
<b>Registrations and Certifications</b>	Oregon, <b>Professional Engineer</b> Number 51066 (July 21, 1998) North Carolina, <b>Professional Engineer</b> Number 25342 (December 2, 1999) Florida, <b>Professional Engineer</b> Number 59611 (January 22, 2003) <b>Professional Traffic Operations Engineer</b> , Transp. Prof. Cert. Board (February 3, 2004)
<b>Memberships</b>	<b>Member</b> , Institute of Transportation Engineers (ITE) <b>President</b> , Association of Pedestrian and Bicycle Professionals (APBP) <b>Instructor</b> , APBP Designing Pedestrian Facilities for Accessibility Training <b>National Committee on Uniform Traffic Control Devices:</b> <b>Member</b> , Regulatory and Warning Signs Technical Committee <b>Member</b> , Roundabout Task Force and Pedestrian Task Force <b>Member and League Cycling Instructor (#1150)</b> , League of American Bicyclists (LAB)
<b>Major Presentations</b>	March 2003 – <b>Presenter and Panel Member</b> at a special plenary session regarding the role of transportation professionals in active communities – Institute of Transportation Engineers Technical Conference and Exhibit in Fort. Lauderdale, FL. June 2000 – Gave an educational presentation about “Expressways and Local Connectivity” for a major design forum for the Interstate-26 connector project in Asheville. <b>Instructor</b> at “Real Intersection Design” (RID) workshops in Orlando, FL (August 2004), Plainsboro, NJ (April 2004), Boston, MA (June 2003); and Tucson, AZ (November 2001). <b>Conference Presentations:</b> October 2004 – South Carolina Bicycle and Pedestrian Conference – Myrtle Beach, SC September 2004 – ProWalk/ProBike Conference – Victoria, BC August 2004 – Louisiana Bicycle and Pedestrian Safety Summit – New Orleans, LA August 2004 – ITE Annual Meeting – Orlando, FL August 2003 – ITE Annual Meeting – Seattle, WA June 2003 – APBP Seminar Series – Cambridge, MA August 2002 – ITE Annual Meeting – Philadelphia, PA; November 2001 – APBP Seminar Series – Tucson, AZ; September 1997 – National Pedestrian Conference – Washington, DC
<b>Special Projects</b>	2002 – <b>Review Panel Member</b> for <i>Neighborhood Street Design Guidelines: An ITE Proposed Recommended Practice</i> . 2000 - 2001 – Member of the <b>Technical Review Committee</b> for the New Jersey DOT Flexible Design Standards project. 2000 – Reviewed two drafts of FHWA’s <b>Roundabouts: An Informational Guide</b> ; provided several comments and sketches concerning pedestrian and bicycle issues. April 1999 – Member of the <b>Walkable Communities Study Team</b> for a traffic calming Charrette for the Grandview Terrace neighborhood in Clearwater, Florida.
<b>Other Interests</b>	USCF Licensed Category 1 road bicycle racer NORBA Licensed Semi-Pro mountain bike racer USARA Licensed adventure racer Skiing, backpacking, hiking, basketball, Ultimate Frisbee, and in-line skating.