

Thomas M. Brown

Senior Associate



Thomas Brown, has over eight years of experience in transportation planning. Thomas has special expertise in parking management, TDM, and strategic transportation planning. He has completed downtown parking studies in several communities, including: Ann Arbor, MI; St. Louis, MO; Davenport; IA; Philadelphia, PA; Brooklyn, NY; and Vineland, NJ.

EDUCATION

M.S., Urban Planning, Hunter College, New York, NY, B.A., History, Ohio State University

EXPERIENCE

Nelson\Nygaard Consulting Associates Inc.

Senior Associate, 2004–Present

- **Washington, DC, Capital TOD Study - 2010/11.** Served as Task lead in developing new TOD Typology, site analysis, typing of existing TOD-opportunity sites, and site-specific identification of TOD potential for the District Office of Planning in support of its effort to develop new TOD zoning approaches.
- **Downtown Parking, Circulation and Streetscape Study, Vineland, NJ–2010/11.** Leading a review of parking, circulation, and streetscape conditions within downtown Vineland to develop a set of strategies to cultivate a park-once environment along historic Landis Avenue.
- **Zoning Parking Requirements Review, Montgomery County, MD–2009/10/11.** Led a comprehensive review of parking requirements for the County, as well as a peer review of the County's parking lot district program for developing shared, public parking facilities in mixed-use urban centers.
- **Central District Plan for Al Ain 2030, Al Ain, United Arab Emirates–2009/10/11.**
 - Developing a Parking Management Plan for downtown Al Ain, including analysis of the current design, function, quality, and capacity of area parking facilities. Developing a new set of downtown-specific parking standards for the Al Ain development code.
 - Leading an additional task to analyze the cost/ benefits of the recommended Parking Management Plan—particularly, the government-funded parking structures recommended as a means to both increase development interest and reduce on-site parking redundancies in the core of downtown.
- **Lower Manhattan Street Management, New York, NY–2010.**
 - Curb Regulations - Provided analytical support for the development of a new set of standards for regulating curb access in Lower Manhattan, including strategies for metering loading/unloading access and pricing-based management of short-term parking access for private vehicles.
 - Car-Sharing - Provided analytical support for the analysis of on-going pilot incorporating car-sharing into City Department of Transportation's fleet management.
- **Review of Zoning Parking Requirements, Raleigh, NC–2008.** Led review of current citywide zoning requirements and facility-design guidelines. Conducted a State of the Practice consisting of a review of best practices and a comparative, peer-cities review. Conducted a series of focus groups to solicit key stakeholder input. Developed a comprehensive set of recommendations to ensure that Raleigh's parking standards address today's transportation and land use challenges and opportunities.
- **Review of Zoning Parking Requirements, Washington, D.C.–2007-08.** Led review of current District of Columbia zoning requirements and on-street parking management practices. Conducted a review of zoning Best Practices and led an analysis of potential recommendations for zoning requirement changes. Reviewed project findings in presentation to District Zoning Taskforce Working Group before drafting final recommendations.
- **New Jersey Capital Park System Master Plan: Trenton - 2007/08.** Developed parking management strategies in support of new park design in downtown Trenton. Parking strategies were

designed to align with the park's master plan design concept of "fingering" out into the downtown. Core strategies made use of existing, under-utilized facilities and a shared-parking approach that exploited offsetting demand-peaks between planned park and the workday schedule of most surrounding land uses.

- **Lower Manhattan Parking Management–2007.**
 - Curb Regulation–Led Data Collection efforts in documenting existing curb regulations along all Lower Manhattan streets for incorporation into GIS database of real-time curb-parking supplies for the district.
 - City Employee Parking Management–Led a Best Practice review of comparable cities' efforts to mitigate the impact of City employee vehicles on district curb space. Unique curb and off-street parking constraints in Lower Manhattan has led to a practice of providing City employees with on-street permits. The practice has led to an inordinately high level of drive-alone commute rates within Lower Manhattan, further constricting space availability on local streets.
- **Downtown Parking Study, Ann Arbor, MI–2006-07.**
 - Phase I–Led Data Collection and Analysis tasks for comprehensive inventory and occupancy surveys of public on- and off-street parking facilities, authored final report summarizing findings.
 - Phase II–Developed policy framework for public outreach and stakeholder discussions, drafted policy recommendations and strategic actions culminating in a comprehensive parking policy for downtown district. All recommendations adopted June 2007.
- **Ben Franklin Parkway Parking and Circulation Study, Philadelphia, PA–2005-06.** Led parking tasks for comprehensive review of parking and circulation needs along historic urban parkway. Conducted inventory and occupancy surveys of on- and off-street parking spaces within study area containing multiple world-class cultural institutions. Projected parking demand for library and art museum expansion as well as arrival of new art museum. Presented, and led discussion of, findings during public workshop.
- **Residential Permit Parking Feasibility Study, Brooklyn, NY–2005-06.** Directed data collection, and performed data analysis, for parking turnover survey in three downtown Brooklyn neighborhoods. Analyzed findings and developed options for implementation of Residential Parking Permit program in each neighborhood. Presented findings to neighborhood associations, city officials, and stakeholder groups.
- **Lower Manhattan Street Management, NYC–2004.** Led field research into transportation issues pertaining to Lower Manhattan redevelopment for New York City DOT, including assessment of street functions and capacities, on-street parking utilization and turnover, and use of "agency business" placards by City employees.
- **Parking Policy Evaluation, Philadelphia, PA–2004.** Produced existing conditions report, summarizing existing parking supply and occupancy data for Philadelphia's Center City. Conducted stakeholder interviews, summarized findings, and facilitated public workshop as part of outreach efforts.

PREVIOUS EXPERIENCE

U.S. General Services Administration, New York, NY

Student Trainee, 2002–2004

- Developed Community Profiles for development projects
- Researched Feasibility Studies for development projects

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

American Planning Association–Member

Congress of the New Urbanism–Board Member, CNU New York