



MARY MANNING, PE



SENIOR PROJECT MANAGER

OVERVIEW

Ms. Manning's expertise is focused in the area of transportation engineering and planning. Her 24 years of experience includes a wide variety of projects such as: traffic impact studies, corridor studies, environmental impact studies, expert testimony, traffic calming, long range transportation plans, traffic signal analysis and design, noise analysis, maintenance and protection of traffic plans, construction management, short range transit plans, congestion management systems, intermodal management systems, access management studies, bikeway planning, pedestrian studies and downtown revitalization plans.

TRAFFIC ENGINEERING

Ms. Manning has extensive background in traffic engineering analysis and design. She has analyzed a variety of transportation facilities including isolated signalized and unsignalized intersections, corridor networks, highway mainlines, highway merge and diverge areas, highway ramps, toll operations and pedestrian facilities. She has designed traffic signals, pavement marking and signing plans, geometric improvements and has prepared maintenance and protection of traffic plans. Ms Manning has also performed construction inspection for roadway and sewer projects.

EXPERT TESTIMONY/ENVIRONMENTAL REVIEW

Ms. Manning has provided expert testimony and review for traffic and noise analysis related to proposed development projects. She has presented testimony and been cross examined at public hearings. She has reviewed and provided written comments for scoping and environmental documents prepared under New York State Environmental Quality Review Act (SEQRA) guidelines. Ms. Manning has also prepared affidavits as part of Article 78 hearings.

TRAFFIC IMPACT STUDIES

Ms. Manning has prepared a number of traffic impact studies for a variety of developments including: shopping centers, parking garages, school facilities, residential subdivisions, office facilities, a prison, a gasoline station and a banquet facility. Ms. Manning has prepared applications for review by the Connecticut State Traffic Commission (STC).

TRANSPORTATION PLANNING

Ms. Manning has extensive experience on a wide variety of transportation and land use linked projects such as corridor studies, congestion management plans, travel surveys, long range transportation plans, access management studies and plans of conservation and development.

PROJECT EXPERIENCE

MDC CLEAN WATER PROJECT | HARTFORD REGION, CT | 2008–2011 EXTENDED TO 2013

Ms. Manning is serving as project manager and project traffic engineer to support a national engineering firm serving as the Program Management Consultant for the MDC's Clean Water Project. Ms. Manning has been

EDUCATION

- B.S. Civil Engineering, University of Vermont
- Highway Noise Analysis Course, University of Louisville

PROFESSIONAL REGISTRATIONS

- Professional Engineer, Connecticut

PROFESSIONAL AFFILIATIONS

- Past President of the Institute of Transportation Engineers (ITE) – Connecticut Chapter

YEARS EXPERIENCE

- 18 Years with firm
- 24 Years in industry





actively involved in reviewing Clean Water Project plans and specifications, providing assistance on maintenance and protection of traffic issues and concerns, evaluating synergistic effects of multiple on going construction projects and developing a global traffic management system. The global traffic management system includes the development and maintenance of a Google map application to provide traffic advisory alerts.

TRANSPORTATION PLANNING STUDIES | SOUTH CENTRAL REGION, CT | 2007-2009

Ms Manning served as project manager and/or project engineer for two traffic calming studies sponsored as part of the South Central Regional Council of Governments (SCRCOG) annual transportation planning studies. The first project involved preparing a regional traffic calming resource guide to help member cities and towns set policies, standards, and processes for address neighborhood traffic safety issues. It also involved a pilot study (North Elm Street, Wallingford, CT) to demonstrate implementation of the guide on a specific project. North Elm Street is a busy local roadway which bisects the Choate Rosemary Hall Boarding School campus. There had been a number of conflicts on the road between cars and students attempting to cross the street and these conflicts were expected to increase with the construction of a new dorm. The study looked at innovative ways to calm traffic instead of installation of a stop sign. Traffic calming methods considered include streetscaping, flashing lights, speed limit restrictions and signage. Ms. Manning worked with local residences, town officials, school staff and students in collaborative manner to develop the proposed solutions. Similar to the Pilot Project, Ms Manning led FHI's efforts for the East Brown Street Traffic Calming Study in West Haven, CT. Ms Manning and the FHI team met with local residences and Town officials to explore options to calm traffic on this residential street without losing on street parking. One solution developed was to augment travel speeds of vehicles accessing East Brown Street between Second Avenue and First Avenue with use of traffic islands and geometric changes.

UNIVERSITY OF CONNECTICUT PEDESTRIAN CROSSING ASSESSMENT | STORRS, CT | 2007-2008

Working with a large engineering firm for the University of Connecticut (UConn), Ms Manning served as Project Manager and Project Planner/Engineer in the development of a series of pedestrian safety improvements for the Storrs campus. Recommendations were focused on making the campus more pedestrian friendly and supporting UConn's overall master plan. The recommendations were based on an extensive field review and data collection and meetings with a project advisory group. Recommendations included new crossings, improved lighting, consistent signing and pavement markings, development of gateways and education/student outreach. Embarking on its master plan update, UConn is transforming from a vehicle dominated environment to a pedestrian centered campus. Enhancement of the pedestrian environment helps to support the campus' evolving transit system and ensure that the campus is accessible by all. Another goal of this project was to heighten driver awareness and lower travel speeds on campus area roadways.

ADDITIONAL PROJECT EXPERIENCE

- Office Development Bunker Hill Road, Watertown, CT
- Salma K. Farid Islamic Center, Wallingford, CT
- Premier 600/White Hickory – Route 119 Mixed Use Development, Greenburgh, NY
- Sonic Development – Route 5, Wallingford, CT
- CVS/Car wash/general retail – Route 5, Wallingford, CT
- Comprehensive Plan Update, North Salem, NY
- Comprehensive Plan, Greenburgh, NY
- Vermont Agency of Transportation Long Range Plan Update
- Route 202 Corridor Study, Litchfield/Bantam, CT
- Route 4, 10 and 44 Corridor Studies, Greater Hartford CT
- Interstate Bicycle Route 1 and Route 76 Evaluation, VA
- Pennsylvania DOT ISTEAM Management and Monitoring System
- Transportation Plan Update (1994 and 1997), Northwestern Connecticut COG
- Randolph Downtown Transportation Plan, VT





- Kingston Intermodal Center, Kingston, NY
- Griffin Line Corridor Study, Greater Hartford, CT
- Parking and Traffic Circulation Evaluation, Montessori School, Washington, CT
- Bridgeport Intermodal Transportation Center, Bridgeport, CT
- Traffic Calming/Scoping Project Route 4, Bridgewater/Woodstock, VT
- Hartford Corridor West Major Investment Study, Greater Hartford, CT
- Access Management Rte 5/15, Route 175 Corridor Study, Greater Hartford CT
- Waterbury Intermodal Center (CT) Environmental Assessment
- Waterbury Oxford Airport Taxiway Extension (CT) Environmental Assessment
- Stevenson Dam (CT) Environmental Assessment
- Sikorsky Bridge (CT) Environmental Assessment
- Silver Sands State Park (CT) Environmental Assessment
- Major Hospital Addition and Cancer Center, Duke University, Durham, NC
- The Somerset at Fleetwood, Mount Vernon, NY
- Newington Powerhouse (Stew Leonard's), Newington, CT
- Ridge Hill Village, Yonkers, NY
- The Residences at North Hills, North Hills, NY (Deepdale Golf Course)
- King Family Vineyards, Crozet, VA
- Chappaqua Crossing (former Readers Digest), Chappaqua, NY
- Peekskill Waterfront mixed use development, Peekskill, NY
- Comprehensive Plan Update, Woodbury, CT
- The Village Center Plan, Naval Air Station, Weymouth/Abington, MA
- Encore Haverstraw, Haverstraw NY
- Belleayre at Catskill Resort, Shandaken NY
- Litchfield Woods, Litchfield CT
- Litchfield Car Wash, Litchfield, CT
- Big Y expansion, Guilford, CT
- Zone Change for 1.2 million sq ft. Distribution Center, Killingly, CT
- Washington Housing Trust development, New Preston, CT
- 221 Main Street Development, White Plains, NY
- Avalon Green II, Elmsford, NY
- Young Israel, New Rochelle, NY
- I-64 Interchange Analysis, Hampton, VA
- Southbury Turbine Combustion Facility, Southbury, CT
- Buzzuto Truck Parking Lot Expansion, Cheshire, CT
- On Call Traffic Impact Analysis Review, Durham, NC
- Thomaston High School Addition, Traffic Impact Study, Thomaston, CT
- Ferry Parking Garage Traffic Impact Study, Bridgeport, CT
- Transit Garage at Harbor Yard Traffic Impact Study, Bridgeport, CT
- Merritt Gas Station Traffic Impact Study, Hartford, CT

