

- Education** B.S. Civil Engineering, University of Vermont
Highway Noise Analysis Course, University of Louisville
- Overview** Ms. Manning's expertise is focused in the area of transportation engineering and planning. Her 21 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.
- 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.
- Environmental Documentation/ Noise Analysis** Ms. Manning has participated in the preparation of numerous environmental impact statements and environmental assessments for a variety of transportation or development projects. She has prepared or reviewed the transportation, noise and construction sections under guidelines for National Environmental Policy Act (NEPA), Connecticut Environmental Policy Act (CEPA), and Massachusetts Environmental Policy Act (MEPA). Ms. Manning has undertaken several noise analysis studies and reviews. She has identified noise sensitive areas and receptors, performed noise monitoring and predicted noise levels. She has utilized Stamina 2.0 and has reviewed results from Traffic Noise Model (TNM).
- 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 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.
- Transit Studies** Ms. Manning's experience includes a wide variety of transit planning studies including short range transit plans and intermodal facility planning studies.
- 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).



Representative Projects

Transportation Planning

- UConn Pedestrian Crossing Assessment, Storrs , CT
- South Central Regional Council of Governments, Traffic Calming, CT
- Comprehensive Plan Update review, 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
- Traffic Calming/Scoping Project Route 4, Bridgewater/Woodstock, VT
- Access Management Rte 5/15, Route 175 Corridor Study, Greater Hartford CT

Environmental Documentation and Noise Analysis

- 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

Expert Testimony, Traffic Impact Study Review and/or Noise Review

- Salma K. Farid Islamic Center, Wallingford, CT
- 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 (Deerpdale Golf Course)
- King Family Vineyards, Crozet, VA
- Chappaqua Crossing (former Readers Digest), Chappaqua, NY
- Peekskill Waterfront mixed use development, Peekskill, NY
- The Village Center Plan, Naval Air Station, Weymouth/Abington, MA
- Encore Haverstraw, Haverstraw NY
- Belleayre at Catskill Resort, Shandaken NY
- Litchfield Woods, 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

Traffic Engineering

- Maintenance and Protection of Traffic, Clean Water Project, MDC, Hartford, CT
- I-64 Interchange Analysis, Hampton, VA
- Parking Evaluation for Washington Montessori School, New Preston , CT
- Route 10 Corridor Study, Cheshire/Hamden ,CT
- Greater Hartford Signal Systems Project, Farmington ,CT
- Closed Loop Signal System, Waterbury, CT

Traffic Impact Studies

- Southbury Turbine Combustion Facility, Southbury, CT
- Buzzuto Truck Parking Lot Expansion, Cheshire, CT
- 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, CT

