

Appendix 11

**CONSULTANT STATEMENT OF
QUALIFICATIONS**

Brian J. Stokosa, P.E.
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Wappinger Falls, New York 12590
Phone (845) 227-6227, Fax (845) 226-1420

EDUCATION: Bachelor's of Science in Civil Engineering Technology
Rochester Institute of Technology
Rochester, New York

LICENSURE: New York State Professional Engineer, October 2006
NYS Certified Water Operator, April 2001

EMPLOYMENT: **1998-2001 – Day, Oswald & Gillespie, P.C.**
2001-2005 – Oswald & Gillespie, P.C.
2005 – present – M. Gillespie & Associates P.L.L.C.

EXPERIENCE: *Partner Since 2006*

Responsible for the design of residential/ commercial subdivision layout, phase I environmental site assessments, waste water treatment system design, septic design, commercial water system design, site feasibility analysis, environmental document preparation, Stormwater Pollution prevention Plans (SWPPP), erosion and sediment control plan design, construction and SWPPP inspection, grading & utility plan preparation, hydrologic and hydraulic calculation, bond estimates, individual lot approvals. Specific project involvement includes the following:

- Hunters Ridge Residential Subdivision, East Fishkill, New York. Design of 8 residential building lots with individual septic and water supply. Prepared site SWPPP and erosion and sediment control plans.
- Jackson Corners Residential Subdivision, East Fishkill, New York. Design of 6 residential building lots. Individual septic design. Prepared site SWPPP and erosion and sediment control plan, Prepared NYSDEC site WSA for the expansion of the Shenandoah Water district to serve the parcel.
- Highland Square, Lloyd, New York Commercial Subdivision and Site plan for mixed use parcel offering assisted living, retail, and restaurant. Responsible for internal site water and sewer design, SWPPP and erosion and sediment control.
- John Jay Gas Station, East Fishkill, New York. Responsible for demolition and re-development plan with expansion of retail convenience and drive thru. Parking

analysis with trucking turning template overlay, lighting design, septic design, water main installation details.

- Verbank Meadows, Union Vale, New York. Design of 10 residential building lots. Individual septic and water supply design, prepared site SWPPP and erosion and sediment control plan, construction inspections, conducted fill and pump certifications.
- E2ECTA, Poughkeepsie, New York. Site plan design for solar 5 individual panel canopy structures above existing parking facility. Responsible for landscaping, lighting analysis, electrical layout, and expansion of parking area to handle overflow parking conditions. Performed SWPPP, Erosion and sediment control plans.
- Woodland Grange Subdivision, Hyde Park New York. Design and expansion of an existing 24 lot subdivision to 32 residential building lots. Developed conservation protection area to support project development. Designed individual septic and water supply, prepared site SWPPP and erosion and sediment control plan, construction inspections, conducted fill and pump certifications.
- Robinson Gardens Plaza, East Fishkill, New York. Responsible for the design of the 30,000 s.f. retail office building septic and public water supply. Designed holding tanks, water treatment filters, pump sizing, and distribution system.
- Hopewell Gas Station, East Fishkill, New York. Responsible for demolition and re-development plan with expansion of retail convenience to 2,350 s.f., new access from NYS Route 376. Parking analysis with trucking turning template overlay, lighting design, coordination of central water/sewer connection details, MPT plan generation coordinated with the NYSDOT.
- Arthursburg Corners. East Fishkill, New York, Responsible for site layout and building design of two commercial buildings. Realignment of NYS Route, implementation of a coordinated traffic signal, landscaping, lighting analysis, electrical layout, performed SWPPP, Erosion and sediment control plans.

PROFESSIONAL AFFILIATIONS:

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National Society of Professional Engineers
merican Society of Civil Engineers
merican Water Works Association

Tim Miller Associates, Inc.
Planning, Traffic, Environmental
and Hydrogeological Consulting Services

Tim Miller Associates, Inc. provides project management, land planning and environmental services to government agencies, developers, corporations, municipalities and community planning associations. As outlined in the following pages, these include services in the areas of municipal planning, zoning and community development, development feasibility studies, environmental impact statements, wetland delineation, mitigation and analysis, groundwater and geotechnical sciences, air quality, noise and traffic studies, phase 1 and 2 environmental audits and site assessments, cultural resource surveys, landscape and development design and related advisory services.

Based in Cold Spring, New York, Tim Miller Associates, Inc. currently has active projects throughout the greater New York metropolitan area. Services are provided in New Jersey, Connecticut, New York City, and Westchester, Putnam, and Orange, Rockland, Dutchess, Ulster and Sullivan Counties in New York State. A listing of representative clients and recent projects are included later in this brochure.

TMA's in-house staff offers a depth and breadth of experience rarely found in small to mid-size consulting offices. In-house capabilities include transportation planning, traffic assessments, environmental and community planning, fiscal impact analysis, water resource investigations, biology and natural science inventories, environmental impact assessment, hydrogeology, hazardous waste investigations, asbestos services, landscape architecture and design development and wetland delineation/remediation. Technical staff are proficient in writing and communicate effectively. Most staff members hold advanced degrees and have more than ten years of experience.

The firm was established in 1986 and maintains an impressive track record of performance. We have an excellent reputation for adhering to deadlines while maintaining a high level of professional quality in all aspects of our business. TMA has successfully taken on some of the most controversial projects in the region.

Most of our clients have come to TMA through word-of-mouth - a testament to our commitment to high quality work.

Technical knowledge and political awareness are important components of advisory services. TMA staff is experienced both technically and politically. We enjoy relationships with a wide variety of experts in all aspects of our business - relationships that often can help expedite a project or solve a difficult problem. We pride ourselves on our strategic planning capabilities, assisting and advising our clients and providing decision-making options every step of the way.

MUNICIPAL PLANNING SERVICES

Tim Miller Associates, Inc. provides municipalities and State agencies with technical services in connection with site plan, subdivision and SEQRA review of development projects, land use, community service and natural resource planning including the preparation of comprehensive plans, zoning ordinances, fiscal analyses, environmental and geotechnical reviews, wetland reviews, and traffic, transportation, and parking studies. The firm has also provided planning and environmental services as part of a technical team of project reviewers.

The company's participation in planning activities throughout the region have gained it recognition as a reliable provider of objective planning and environmental services. Local planners and policy-makers have relied on the firm's expertise in these communities:

Ulster County

- *Town of Shawangunk (Ongoing)*
Town Planner; SEQRA, Site Plan, and Subdivision Plan Reviews
Review of Proposed Zoning Local Laws
Comprehensive Plan Update
Wetland Reviews
- *Town of Marbletown (Ongoing)*
Town Planner; SEQRA, Site Plan, and Subdivision Plan Reviews
Subdivision Regulations Update
Wetland Reviews

Dutchess County

- *Town of Pine Plains (Ongoing)*
Assistance in the Revision of the Town's first Zoning Local Law
SEQRA Review of the law's adoption
- *Town of Pawling*
Technical Review of Environmental Impact Statements
- *Town of Hyde Park*
Preparation of GEIS and SEQR Findings, Dominican Camp acquisition and use
Crofton Mews 350 unit housing project, Planning and SEQR Reviews

Orange County

- *Town of Tuxedo (Ongoing)*
Town Planner; Preparation of draft Comprehensive Plan, SEQRA
Subdivision and Site Plan Review on behalf of Planning Board
- *Village of Tuxedo Park (Ongoing)*
Village Planner; Technical Review of Environmental Impact Statements
Preparation of Zoning Law Amendments

- *Town of Hamptonburgh*
Opus Development - Technical Review of EIS, Site Plan (2007)
- *Village of Maybrook (Ongoing)*
Village Planner; SEQRA, Site Plan, and Subdivision Plan Reviews
- *Town of Blooming Grove*
SEQRA Advisor to Planning Board
Geotechnical Investigations
- *Village of Washingtonville*
Review of Environmental Impact Statements and Traffic
Studies, Brotherhood Mall, and Reiger Homes

Rockland County

- *Town of Clarkstown (Ongoing)*
Special Planning Consultant - SEQRA Review of AAR Floating Zone
Planning Consultant Review of Proposed AAR Developments
- *Village of Sloatsburg (2007)*
Preparation of Comprehensive Plan and Zoning Revisions, SEQRA Review for Adoption
- *Village of Piermont (2004)*
Special Planning Consultant - New Library Parking Study
- *Village of Montebello (2003)*
As subconsultant, Preparation of Comprehensive Plan and Zoning Revisions

Putnam County

- *Town of Putnam Valley*
Preparation of 1990 Master Plan
Townwide Hydrogeological and Aquifer Studies
Generic Environmental Impact Statement on Master Plan
Technical Review of Environmental Impact Statements
- *Town of Philipstown*
Former Town Planner; Traffic and Wetlands Consultant
Townwide Aquifer Studies
Town Park, Environmental Review
Route 9 Corridor Study and Plan
SEQR Review, Point Lookout Senior Housing Project
- *Town of Patterson*
Technical Review of Environmental Impact Statements

- *Town of Kent*
Technical Review of Environmental Impact Statements
New York City Watershed Planning
Kent Municipal Center, Draft and Final EIS
- *Village of Cold Spring*
Technical Assistance, Waterfront Improvements, Mayor's Office
Planning Consultant to Village Planning Board
Village Wide Water Supply Studies
- *Town of Southeast*
Brewster Heights Water Supply Studies

Westchester County

- *Village of Irvington (ongoing)*
SEQR and Traffic Reviews, Various Residential and Commercial Projects
- *Town of Yorktown*
Preparation of Generic Environmental Impact Statement -1989 Master Plan
Planning Studies, Industrial Rezoning Proposals
US Route 202 Planning Study
Lake Mohegan Water Quality Studies
- *City of Yonkers*
Land Use Analysis and GEIS - Ashburton Madison Urban Renewal Site
Environmental Review of Alternative Affordable Housing Sites and Expert Testimony
- *Town of Greenburgh*
Review of Environmental Studies for private development applications
- *Village of Croton-on-Hudson*
Various Phase 1 Environmental Site Assessments
- *City of New Rochelle*
Environmental Review and Traffic Studies, proposed Municipal Facility
Hazardous Waste Review, proposed redevelopment site
Environmental Review, Trump (Davids) Island Housing Proposal
Environmental Review, 34 Evans Street, Hazardous Conditions Assessment
- *City of Rye*
Parsons House Disposition, EAF, Site Assessment and Review
- *Village of Mamaroneck*
The Regatta, Affordable Housing Development, Draft and Final EIS
- *Village of Bronxville*
SEQR Review, MetroNorth Third Rail Proposal

State of New York

Hutchinson River Parkway, Environmental Studies, wetland delineation and mitigation program, for New York State DOT

Stewart Airport Environmental Inventories for Master Planning, NYSDOT

Assessment of Development Potential, Takings Projects, NYSDOT

Review of Environmental Impact Statement, Catskill Golf Resorts for NYSDEC

ENVIRONMENTAL IMPACT STATEMENTS

Tim Miller Associates, Inc. has substantial experience preparing environmental impact assessments and statements on a wide range of land development projects according to the criteria established by the following regulations:

National Environmental Policy Act (NEPA)

New York State Environmental Quality Review Act (SEQRA)

- Environmental Assessment Forms (EAF)
- Draft Environmental Impact Statements (DEIS)
- Final Environmental Impact Statements (FEIS)
- Generic Environmental Impact Statements (GEIS)
- SEQRA Findings Statements
- Coastal Zone Consistency Findings

Depending on the particular regulations involved and the level of analysis required, each impact assessment may include an evaluation of existing conditions and potential impacts in the following areas:

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|--|--------------------------------------|
| ◦ <i>Geology</i> | ◦ <i>Transportation/Traffic</i> |
| ◦ <i>Topography</i> | ◦ <i>Noise</i> |
| ◦ <i>Air Quality</i> | ◦ <i>Land Use</i> |
| ◦ <i>Soils</i> | ◦ <i>Surface Water Resources</i> |
| ◦ <i>Groundwater Resources</i> | ◦ <i>Socioeconomics</i> |
| ◦ <i>Drainage Patterns</i> | ◦ <i>Flood Zones</i> |
| ◦ <i>Municipal Services</i> | ◦ <i>Sewerage</i> |
| ◦ <i>Wetlands</i> | ◦ <i>Water Supply</i> |
| ◦ <i>Vegetation</i> | ◦ <i>Population</i> |
| ◦ <i>Wildlife</i> | ◦ <i>Municipal Fiscal Conditions</i> |
| ◦ <i>Educational Resources</i> | ◦ <i>Aesthetic Resources</i> |
| ◦ <i>Historical and Archaeological Resources</i> | |

Alternatives to the project are analyzed and evaluated, and recommendations made for modifications to final plans. Measures to mitigate potentially adverse impacts are evaluated and recommended.

Tim Miller Associates, Inc. also represents clients at meetings and public hearings as required.

All staff is intimate with the procedural and technical requirements of the New York State Environmental Quality Review Act.

EARTH SCIENCE SERVICES, PHASE 1 AND 2 SITE ASSESSMENTS

Tim Miller Associates, Inc. provides a broad range of groundwater and geoscience related services that include hazardous waste investigations, underground storage tank assessments and Phase 1 and 2 site assessments associated with property transfers or feasibility studies. TMA prepares Phase 1 site assessments in accordance with ASTM and Fannie Mae standards. Asbestos inspections are also provided. Recent site assessment experience is outlined on the following pages. Groundwater services range from individual well location selection to groundwater exploration and testing and development of community water supplies.

Groundwater Resource Evaluation and Development

- Geologic mapping, structural fabric analysis, fracture trace and well siting studies
- Well logging, aquifer pump testing and analysis, well monitoring and well interference
- Groundwater flow and contaminant modeling
- Septic and aquifer contamination studies
- Aquifer yield and recharge studies

Surface Water Resources

- Non-point source (NPS) runoff pollution impact studies
- Surface water contamination modeling
- Septic surface water contamination assessments
- Water quality sampling and analysis
- Assessment of groundwater and surface water pollution potential

Soil Investigations

- Delineation of hydric soils for wetland and drainage studies
- Preparation of soil erosion and sedimentation control plans
- Preliminary rock blasting analysis
- Pre-construction soil radon gas testing and evaluation
- Bedrock and/or surficial mapping of industrial minerals and resource evaluation.

The following geotechnical investigations have recently been completed by the firm:

- Town of Putnam Valley, Townwide Aquifer Study
- Town of Philipstown, Townwide Aquifer Study
- Village of Cold Spring, Hydrogeology Investigations
- OMAC Realty, Fracture Trace Studies, Water Supply, Town of Chester
- Cascade Lake, Fracture Trace Studies, Water Supply, Town of Warwick
- Blooming Grove Estates, Fracture Trace Studies, Water Supply, Blooming Grove
- Sleight Farm, Water Supply Studies and Drilling Program, Town of LaGrange
- Town of Blooming Grove, Rock Excavations, Inspection and Report
- Centennial Golf Carmel and Southeast Fracture Trace and Water Supply
- Trump National Golf Course, Briarcliff, Fracture Trace and Water Supply
- French Hill Golf Club, Yorktown, Fracture Trace and Water Supply Studies
- Mombasha Estates, Monroe, Recharge Analysis and Groundwater Review
- Troutbeck Golf Club, Amenia, sand and gravel wells and pump tests
- Hollowbrook Golf Club, Cortlandt, aquifer studies and yield tests

PHASE 1 AND 2 SITE ASSESSMENTS

TMA is an approved provider of Phase 1 and 2 Site Assessments for a number of financial institutions, insurance corporations and government agencies including M&T Bank, Bank of New York, First Union Bank, Union State Bank, MetLife, SunAmerica, New York State Housing Finance Agency, Greenburgh Housing Authority, Village of Croton, Shroeder Bank and Trust, Poughkeepsie Savings Bank, and Hudson United Bank among many others. Recent experience includes the following projects:

Phase 1 Assessments

- Amber Hills Subdivision, East Fishkill, Toll Brothers, Inc.
- Kent Centre retail property, Town of Carmel, 52 Kent Corporation
- Environmental Baseline Surveys of ten (10) U.S. Army Reserve Centers, Minnesota, Wisconsin, Michigan, Indiana, Ohio, Adecco Technical/ U.S. Army Reserve
- Castle Point Subdivision, Town of Fishkill, Toll Brothers, Inc
- Vacant commercial property, Village of Buchanan, Union State Bank
- Office building property, Phase 1 assessment including sampling of existing monitoring wells, Town of Carmel, Putnam Community Foundation
- Residential development property Phase 1 assessment and soil sampling for pesticides, Town of Plattekill, American High Tech Homes
- Vacant residential property, Village of Ossining, Union State Bank
- Warehouse property Phase 1 assessment including sampling of existing monitoring wells, Town of Yorktown, A.P. Beldotti Management Corp.
- Central Island Healthcare facility, Town of Plainville, Century Health Capital
- Trump National Golf Course, Briarcliff Manor, The Trump Organization
- Mount Kisco office property, Mount Kisco, A.P. Beldotti Management Corp.
- Princewood office building, Princeton, NJ, Albert Realty
- Proposed golf course property, Town of Greenburgh, Trion Development, Inc.
- Vacant residential property, Town of Fishkill, St. Basil Academy
- US Army Reserve Centers, Bronx, New York, Adecco Technical/ U.S. Army Reserve
- Commercial / manufacturing property Phase 1 assessment, Newtown, CT, Albert Realty
- Affordable housing project, Harlem, New York City, L&M Equity Participants, Ltd.
- Former Nike missile property, Town of Ramapo, Alan Garfinkle & Associates
- Commercial property, Wappingers Falls, Premier National Bank
- Dutchess Court Plaza, Phase 1 assessment and potable water sampling, Town of Patterson, Dorex Corporation
- Manufacturing property, Bronx, New York, M. Schur
- Ferncliff Cemetery, Town of Greenburgh, Ferncliff Cemetery Association
- Residential property, Town of Fishkill, St. Basil Academy
- Bethel Springvale Inn property, Town of Cortlandt, Bethel Senior Residence
- Residential development property, East Fishkill, Toll Brothers, Inc.
- Proposed school expansion, Katonah, Katonah-Lewisboro School District
- Residential Property, City Island, New York, L&M Equity Participants
- Residential development property, Mohegan Lake, Union State Bank
- Quail Inn Restaurant property, Town of Clinton, Commercial Capital Corp.
- White Plains Linen, City of Peekskill, White Plains Linen
- Auto Dealership, Monroe, Rallye Auto Dealership
- Affordable housing redevelopment Phase 1 assessments of five properties, Harlem, New York City, Ecumenical Development Corporation

Phase 2 Assessments

- Property acquisition, Town of Ramapo, Barr Laboratories, Inc.
- Camp Welmet, Phase 1 and 2 assessments, Town of Putnam Valley, UJA Federation of New York
- Affordable housing project, Phase 2 assessment including the removal of underground tank and development of remediation strategy, Marcy Avenue, Brooklyn, TNS Development Group
- IKEA Redevelopment Property, Phase 1 and 2 assessments for 16 acre mixed commercial and residential site including gasoline service station, City of New Rochelle, IKEA
- Residential development of former tractor repair facility, Pleasantville, R. Mastromonaco Engineers
- Former municipal landfill property, Town of Dover, Tuscan Industrial Park
- Affordable housing project Phase 2 assessment including testing on four sites, the removal of six underground storage tanks and development of remediation strategy, Brooklyn, Loewen Development
- Commercial property, Village of Cold Spring, P. Hersch
- Gateway Summit Phase 1 and 2 assessments of 105 acres, including former County Landfill property, Hudson Valley Realty Corporation
- Technical review of residential development Phase 2 studies, Irvington, Village of Irvington Planning Board
- Tallix property, City of Beacon, Tallix, Inc.
- Residential property, Village of Tarrytown, Albert Realty
- Camp Cummings property, Town of Patterson, UJA Federation
- Oakridge Shopping Center Phase 1 and 2 assessments, Town of Lewisboro, Oakridge Shopping Center
- Teatown Reservation Phase 2 soil sampling, Ossining, Teatown Reservation
- Westchester View Farms Phase 1 and 2 assessments, Town of Greenburgh, Sozo Development Corp.
- Residential property, soil sampling, Cold Spring, private property owner
- Bed and Breakfast property, Phase 2 and 3 soil sampling and removal of contaminated soil and oil drums, Town of Stanfordville, J. Macedonia

Water Quality Monitoring

- Trump National Golf Club, on-going surface water and groundwater monitoring, Briarcliff Manor, The Trump Organization
- Cortlandt Town Center retail center, quarterly sampling of groundwater monitoring wells, Cortlandt, CBL & Associates Properties
- Technical review of reports and data for gasoline release and MTBE impacted potable water supply wells, Town of Highlands, Town of Highlands Town Board
- Hollowbrook Golf Club, on-going surface water and groundwater monitoring of Peekskill Hollow Brook and tributaries, Cortlandt, Balter Wilder Partners
- Abee Rose Estates Subdivision, baseline water quality monitoring, Cortlandt
- Henry's Farm Subdivision, well sampling for potable water supply development, Town of Monroe, Highview Properties, Inc.

WETLAND SERVICES

Assistance in the areas of wetland delineation and permit processing involving activities in both tidal and freshwater areas are particular specialties of the firm. Our landscape architects and wetland specialists are adept at developing mitigation plans that meet the requirements of the US Army Corps of Engineers, the New York State Department of Environmental Conservation and local agencies. Mitigation plans including location, size, grades, specification of landscape species, required hydrology, and erosion control programs. Wetland boundaries are field delineated by in-house experts according to the following agency criteria:

US Army Corps of Engineers

- Delineations based on three parameter approach; vegetation, hydric soils and hydrology

New York State Department of Environmental Conservation

- Delineations based on vegetation

New Jersey Department of Environmental Protection

- Full familiarity with recently passed wetlands law and regulations
- Delineations based on hydric soils, vegetation and hydrology

New York Municipalities

- Full familiarity with most commonly used municipal wetland ordinances
- Delineation's based on all criteria as required by municipal ordinances

Connecticut Municipalities

- Delineations based on hydric soils as mandated by Connecticut state law
- Delineations based on vegetation where required

In addition, Tim Miller Associates, Inc. provides the following wetland services:

- Classification of wetland according to pertinent jurisdictional criteria
- Evaluation of wetland functions and viability
- Full documentation and preparation of permit application forms
- Preparation of wetland remediation and mitigation plans
- Interactions with appropriate agency representatives as necessary
- Representation at agency meetings, on-site inspections and hearings

Tim Miller Associates is also closely affiliated with a landscape firm, Wetland Mitigation, Inc., that builds and constructs wetland projects throughout the New York City metropolitan region.

TRAFFIC AND PARKING STUDIES

Tim Miller Associates, Inc. has an excellent reputation for its full range of in-house transportation planning and traffic analysis capabilities. Services have been provided within all boroughs of New York City and surrounding metropolitan areas. Available services include:

- *Field surveys, roadway geometrics, pavement conditions*
- *Intersection turning movement counts, classification counts, 24 hour counts*
- *Sight distance studies, delay studies*
- *Trip generation and distribution analyses*
- *Level of service calculations of intersections*
- *Signal warrant studies*
- *Parking data collection and accumulation studies*
- *Recommendations for infrastructure improvements*
- *Transportation master planning*
- *Accident/Safety studies*
- *Pavement management system studies*
- *Sign inventories*

All work is done using state of the art computer methodology in accordance with contemporary engineering standards.

TMA has performed traffic and parking studies for a very wide range of land use activities that have included hospitals and related medical facilities, residential subdivisions, high-density high-rise projects, large mixed use projects, neighborhood and regional shopping centers, office parks, industrial parks, small to large manufacturing facilities, not-for-profit housing for the elderly, nursing homes, marina proposals, rezoning applications and Town Master Plans. All traffic work is done using methodology outlined and accepted by the Institute of Transportation Engineers, the Transportation Research Board and applicable agencies such as the New York State Department of Transportation and the New York City Department of Transportation.

TMA use an experienced team of traffic technicians to collect field data throughout the metropolitan area. We can quickly assemble teams of up to 20 technicians to carry out complex data gathering programs that include manual turning movement counts, speed runs, and parking inventories.

DEVELOPMENT FEASIBILITY STUDIES

Experience has proven the cost effectiveness of completely evaluating the physical and jurisdictional constraints associated with a potential project site prior to site selection and/or purchase. Too often, projects become shelved late in the application process because an undiscovered wetland severely limits development options, the study of a locally sensitive archaeological resource creates exorbitant development costs, soils are unsuitable for wastewater treatment purposes, or a sufficient groundwater supply cannot be found.

Tim Miller Associates, Inc. assists clients in selecting the best possible site for their next project before significant investments are made. After examining the project requirements (type of development, desired scope and size, building types and sizes, etc.), Tim Miller Associates, Inc. will then evaluate potential project sites based on the following physical criteria:

- *Presence of wetlands*
- *Presence of steep slopes*
- *Presence of shallow or exposed bedrock*
- *Soils septic suitability*
- *Preliminary groundwater supply evaluation*
- *Potential access points*
- *Necessity of stream/wetland road crossings*
- *Presence of potentially significant historic and/or archaeological resources*

The existing conditions of the proposed development site will then be examined in conjunction with and in relation to the regulatory constraints of the appropriate state, county and municipality within which the site lies, particularly:

- *Zoning regulations*
- *Subdivision regulations*
- *Wetlands regulations*
- *Slope ordinances*
- *Health regulations (septic, sewerage, water supply)*
- *Environmental assessment*
- *Tree protection ordinances*
- *Open space and recreation requirements*
- *Low and moderate income housing requirements*

Tim Miller Associates, Inc. will then prepare a summary outlining the development feasibility of the project site under current regulations, as well as potential alternatives and the likelihood of obtaining any necessary variances or permits. Based on these analyses, a final recommendation can be made which will significantly reduce the economic risks normally associated with land development projects.

With landscape architects on staff, TMA can prepare site and subdivision plan layouts for various uses that illustrate building footprints, roads, parking lot layout and other project infrastructure in order to realistically assess potential development yield.

LANDSCAPE PLANNING SERVICES AND ENVIRONMENTAL PLANNING STUDIES

Landscape and site planning services are provided in house at TMA. These services often complement other work being done by the firm on behalf of a client including master planning, feasibility studies, and environmental impact statements.

Landscape and environmental planning services include:

- *Feasibility assessment*
- *Site design (subdivision and site plan)*
- *Grading studies and plans*
- *Profiles*
- *Sight line studies*
- *Visual evaluations, both graphic and narrative formats*
- *Planting schemes and studies*
- *Streetscape plans and studies*
- *Preliminary construction cost estimates*
- *Presentation drawings*

Services are performed by registered landscape architects. Other related services include wetland remediation plans, buffer planting plans and habitat enhancement programs.

Tim Miller Associates, Inc. has the capability to draw from the collective environmental and planning background of its associates to conduct a broad range of environmental planning studies. These include:

Natural Resource Inventories

- *Municipal and regional inventories of existing natural and cultural resources including subsurface geology, soils, topography, wetlands, surface waters and drainage basins, flood zones, vegetative associations, aquifers and recharge areas, open space, land use, scenic resources, and historic and archaeological sites*

Open Space Plans

- *Locate existing public and private open space*
- *Identify existing and potential use of existing open space*
- *Assist communities in the preparation of objectives, needs and priorities for an open space program*
- *Prepare a comprehensive document that presents guidelines for decisions on the use and preservation of open space*
- *Make recommendations on the acquisition, development and management of public and private open space*

Master Plan Studies

- *Analyze existing natural and cultural resources*
- *Analyze existing land use plan and development related ordinances*
- *Assess current growth trends and patterns*

- *Assess impact of recent and ongoing development*
- *Assess existing infrastructure and supporting natural resources (roads, sewerage, public water supply, groundwater supplies, etc.)*
- *Make recommendations for changes to existing land use plans and development ordinances (zoning, subdivision, etc.)*
- *Make recommendations for creation of, or changes to, slopes ordinance, wetlands ordinance, etc.*

Viewshed Analysis

- *Identify areas that may be visually impacted by proposed developments*
- *Evaluate the extent of visual impact and recommend measures or alternative actions*

Wetland Remediation and Planting Plans

- *Evaluate soils conditions to ascertain potential planting success*
- *Establish palette of native plantings conducive to micro-environment*
- *Specify erosion control measures as may be appropriate*
- *Specify enhancement plantings in existing degraded wetland areas*
- *Specify littoral zone plan on waters edge*
- *Supervise planting programs*
- *Establish and implement long-term monitoring programs*

GENERAL ENVIRONMENTAL SERVICES

In addition to those services already described, Tim Miller Associates, Inc. also provides a variety of other general environmental services including the following:

Vegetation Surveys

- *Mapping of ecological associations*
- *Species identification*
- *Surveys and evaluations of significant trees*

Water Quality Monitoring

- *Design programs for the monitoring of chemical, biochemical and bacteriological parameters*
- *Conduct field surveys, sampling of waters and wastewaters, and provide laboratory analysis*
- *Analyze the results of testing and assess the consequences of alternative actions*
- *Coordinate the processing of all necessary permits*

Noise Level Analysis

- *Noise level monitoring of ambient conditions*
- *Predictive modeling of future conditions*
- *Comparison of values to standards (HUD, FHWA, local noise regulations)*

Air Quality Analysis

- *Predictive modeling of existing and future conditions*

Tim Miller Associates, Inc.
REPRESENTATIVE CLIENTS

Representative clients include major developers, corporations and law firms and a variety of associated consulting firms, a partial listing of the firm's clients by project location follows:

New York City Projects

- ◆ The Trump Organization, Manhattan
- ◆ Hartz Mountain Associates, Manhattan
- ◆ Jack Parker, Parker Nanuet Associates, Manhattan
- ◆ Forest City Associates, Metrotech, Brooklyn
- ◆ Fisher and Fisher, Attorneys at Law, Brooklyn
- ◆ Teamster's Local 237, Manhattan
- ◆ Health Insurance Plan of Greater New York, Manhattan
- ◆ Kalikow Development, Manhattan
- ◆ Raritan Bay Development Corporation, Staten Island
- ◆ Catholic Medical Center of Brooklyn and Queens
- ◆ Catholic Archdiocese, Manhattan
- ◆ Mickey Mantle's, Manhattan
- ◆ Lindenwood Development Corp., Queens
- ◆ Fitzgerald and Fitzgerald, Riverdale

Westchester County Projects

- ◆ IKEA North America, Elizabeth, New Jersey
- ◆ The Home Depot, Atlanta, Georgia
- ◆ The Trump Organization, Manhattan
- ◆ Stop & Shop Supermarket Company, Quincy, MA
- ◆ BJ's Wholesale Club, Natick, MA
- ◆ The Hyatt Corporation, Chicago, IL
- ◆ Toll Brothers, Inc., Huntingdon Valley, PA
- ◆ CBL and Associates, Inc., Waltham, MA
- ◆ G&S Investors, Long Island
- ◆ Ginsburg Development Corp. Hawthorne
- ◆ Robert Martin Company, Hawthorne
- ◆ Wilder Balter Properties, Elmsford
- ◆ Santucci Builders, Croton-on-Hudson
- ◆ Triglia Development, Croton-on-Hudson
- ◆ Town of Yorktown, Town Board and Planning Board
- ◆ The Spectrum Group, Pleasantville
- ◆ City of New Rochelle Planning Board and Board of Trustees
- ◆ Dolph Rotfeld Engineering, Tarrytown
- ◆ Edwards Super Food Stores, Windsor Locks, CT
- ◆ Byram Concrete, Port Chester, White Plains
- ◆ Avalon Development, CT

- ◆ The Rockefeller Estate, Pleasantville
- ◆ John Loeb, Jr., Rye
- ◆ Beldotti Management, Ossining
- ◆ Hudson National Golf Club, Croton on Hudson
- ◆ Shamberg Marwell, Mount Kisco
- ◆ Syracuse Brothers, New Rochelle
- ◆ Merv Blank Development Company, Mount Kisco
- ◆ Bethel Methodist Nursing Home, Ossining
- ◆ Edward Lashins Corporation, North Castle
- ◆ Silverman Realty, White Plains
- ◆ Hubert Bartzik, Croton-on-Hudson
- ◆ Unicorn Contracting, Hawthorne
- ◆ Giordano Builders, Croton on Hudson
- ◆ Catholic Archdiocese, Manhattan and Yorktown

Putnam and Dutchess County Projects

- ◆ Toll Brothers, Philmont, PA
- ◆ The Trump Organization, Manhattan
- ◆ PDL Investments, Centennial Golf, Carmel/Southeast
- ◆ Sasaki Associates, Watertown, MA
- ◆ Troutbeck Golf Club, Amenia
- ◆ Camarda Development Corp. Carmel
- ◆ Dover Industrial Park, Holden Brothers
- ◆ Village of Cold Spring Planning Board and Board of Trustees
- ◆ Town of Philipstown, Planning and Town Board
- ◆ Town of Putnam Valley Planning and Town Board
- ◆ Town of Kent, Planning Board
- ◆ Town of Pawling, Planning Board
- ◆ John Petrillo, Brewster
- ◆ MB Real Estate, Southeast Business Park
- ◆ Town of Southeast, Town Board
- ◆ Quaker Hill Associates, Patterson
- ◆ Town of Hyde Park, Town Board

Orange County Projects

- ◆ RD Management, Harriman Business Park, Monroe
- ◆ Village of Washingtonville, Planning Board
- ◆ Halo Homes, Monroe
- ◆ Raimondi Associates, Monroe
- ◆ Harvey Berg Associates, Washingtonville
- ◆ Jacobowitz and Gubits, Walden
- ◆ Ed Fares, Blooming Grove
- ◆ Joseph Amato/Harriman Business Park, Harriman
- ◆ HRB Development, Monroe

- ◆ Gillman Organization, Walkill
- ◆ Ben Lichtenfeld, Harriman
- ◆ Slayton Engineering, Newburgh
- ◆ Taconic Realty, Julian Babitz, Hudson
- ◆ MHK Development, Goshen
- ◆ The Home Depot, Newburgh
- ◆ Verticon, LTD, Mountainview

Other New York State Projects

- ◆ Avalon Development, Avalon Gardens, Nanuet
- ◆ New York State Facilities Development Corporation, Albany
- ◆ The Home Depot, Kingston and Binghamton, NY

New Jersey

- ◆ Trammell Crow Company, Princeton
- ◆ Langan Engineering Associates, Elmwood Park
- ◆ Hess Oil Company, The Meadowlands
- ◆ Borough of Park Ridge
- ◆ G&S Investors, Riverdale

Connecticut

- ◆ Willow Development Corporation, Greenwich

TIM MILLER ASSOCIATES, INC.
REPRESENTATIVE PROJECTS

The firm's principal and staff have conducted planning, traffic and/or environmental studies on the following projects:

Westchester County

- ◆ IKEA Retail Center, Project Management and Environmental Impact Statement, Phase 1 and 2 testing, relocation and acquisition, +300,000 retail center, City of New Rochelle
- ◆ Trump National Golf Club and Residential Development, Environmental Impact Statement, 87 clustered residences and golf course renovation, Briarcliff Manor
- ◆ French Hill Golf Club, the Trump Organization, Project Management, water supply, EIS, 18 hole championship golf, Yorktown
- ◆ Hudson Valley Hospital Center, EIS for 133,000 sf expansion to a 200,000 sf 120 bed facility, Town of Cortlandt
- ◆ Cortlandt Town Center, Environmental Impact Statement, traffic studies, hazardous waste assessment, 405,000 sf retail expansion and 400,000 sf retail renovation project, Cortlandt
- ◆ Hudson National Golf Club, water supply, wetlands, fiscal studies, surface and groundwater quality monitoring, EIS support, 18 hole private golf club, Croton-on-Hudson
- ◆ Hollowbrook Golf Club, Environmental Impact Statement, water supply, project management, 18 hole daily fee golf course, 85 residential units, Cortlandt
- ◆ Loch Ledge Golf Course, wetlands and environmental monitoring, Yorktown
- ◆ Shadow Creek Rezoning, Existing Golf Course, Environmental Impact Statement for Retail Rezoning, 120,000 sf category dominant retail, Route 6, Yorktown
- ◆ BJ's Wholesale Club, Traffic Studies, Wetland Mitigation Plans, 105,000 sf wholesale club, Route 202, Yorktown
- ◆ Edwards Superfood Stores, Draft EIS, Traffic Studies, rezoning and 73,000 sf food store and satellite retail, North White Plains, North Castle
- ◆ Super Stop & Shop, Environmental Assessment, White Plains
- ◆ Super Stop & Shop, Project Management, Environmental Impact Statement, wetland mitigation, 70,000 sf supermarket, Yorktown
- ◆ Roundtop at Montrose, multifamily housing project, Environmental Impact Statement, Route 9A, Cortlandt
- ◆ Mount Kisco Hunt, Toll Brothers, Environmental Impact Statement, 77 lot clustered subdivision, Mount Kisco
- ◆ Town of Yorktown Master Plan, Generic Environmental Impact Statement
- ◆ Franciscan Gardens, NY Catholic Archdiocese, Senior Housing, 250 units, rezoning, EAF and traffic, Town of Yorktown
- ◆ Town of Yorktown - Environmental Assessment Form and supporting studies, proposed industrial rezoning, Crompond Road, Yorktown
- ◆ Lounsbury Hill, residential development on a 75 acre site - Environmental Impact Statement and Traffic Studies, Croton-on-Hudson
- ◆ Byram Concrete, proposed concrete plant - Environmental Impact Statement, Noise Studies, Visual Impact Analysis, Village of Buchanan
- ◆ River Landing, 54 single family residences - 74 acre site, Environmental Impact Statement and Traffic Studies, Croton-on-Hudson

- ◆ Albert Condominiums, Albert Realty - Environmental Impact Statement, proposed multifamily rezoning application, 86 unit condominium development, Town of Greenburgh
- ◆ Buchanan Executive Park, 250,000 sf light industrial development - EIS, Village of Buchanan
- ◆ Jacob's Hill - traffic analysis for rezoning and 49 unit condominium development, Route 6, Town of Cortlandt
- ◆ Senior Citizen's Housing - Environmental Feasibility and Impact Statement, 160 units at former Hudson Institute site, Town of Cortlandt
- ◆ Willow Development Corporation, 233,800 sf office project - Final EIS, permit applications, wetlands enhancement plan, North Castle
- ◆ Hudson Ridge - EIS, Technical Review and Presentations, 650 residential units and 60,000 sf professional office development, Town and Village of Ossining
- ◆ Saint Augustine's Cemetery - Environmental Assessment of proposed landfill operation, Town of Ossining
- ◆ Yeshiva Kehilath Yakov, Cemetery Expansion Plan - Site Planning for residential subdivision and clustered staff housing, and EIS, Town of Yorktown
- ◆ Hollowbrook Commons - Rezoning and Environmental Impact Statement, Hersh/Poritzky site, a 161 unit residential development, Oregon Road, Cortlandt
- ◆ Briarcliff Commons, condominium development - Traffic analysis, Albert Realty, Briarcliff Manor
- ◆ Environmental Feasibility Studies, EIS, Willow Development Corp, Office Park, Armonk, New York. Responsible for wetlands mapping, traffic and parking studies, stream surveys, floodplain modeling (HEC-II), permits from State DEC and Corps of Engineers.
- ◆ Central Westchester Business Park EIS, 250,000 square foot office development, Ossining, New York. Responsible for erosion studies, traffic analyses, utility analysis, and presentations before planning board.
- ◆ Deerfield Condominiums Environmental Impact Statement, 72 unit residential project, Ossining
- ◆ Valley View Residential Subdivision - Environmental Impact Statement, 47 unit mixed residential subdivision, Town of Cortlandt
- ◆ Bethel Methodist Nursing Home - Environmental Impact Statement, 200 bed skilled nursing facility
- ◆ Fox Hollow at Shrub Oak - Environmental Impact Statement for a residential condominium development on 15 acres
- ◆ Maple Leaf Estates, Environmental Impact Statement, 38 unit residential development, Town of Cortlandt
- ◆ Red Oak Estates, 73 unit residential development, Town of Cortlandt
- ◆ Titus Mill Pond Marina, City of New Rochelle, New York State tidal wetland permit EIS, US Army Corps of Engineers, Section 10 permits.

Putnam County

- ◆ Indian Hill Golf Club, the Trump Organization, 18 hole championship golf. Environmental Impact Statement and Water Supply Studies, Putnam Valley
- ◆ Town of Philipstown Town and Planning Board, municipal planning services, Route 9 Corridor Plan

- ◆ Westchester County Solid Waste Processing Facility, Environmental Impact Statement, multiple sites, Putnam Valley
- ◆ Centennial Golf Course, Environmental Impact Statement, hazardous waste assessment, water supply development, well installation, pump testing, Carmel and Southeast
- ◆ Summerfield, 140 residential units - EIS, Birchhill Road, Town of Patterson
- ◆ Towne Centre At Southeast, 130,000 sf retail center - EIS, Route 22 at 312, Town of Southeast
- ◆ Southeast Executive Park, Environmental Impact Statement, 50,000 sf office building, Town of Southeast
- ◆ Brewster Sports Complex - Wetlands Study and Mitigation Plan, Town of Southeast
- ◆ Bridle Ridge Residential Development - Wetlands Study, Town of Patterson
- ◆ Orchard Ridge Associates - Environmental Review, Commercial Development Town of Southeast
- ◆ Town of Putnam Valley - Technical review of EIS's, Candlewood Estates and Timberline Estates Projects
- ◆ Quaker Hill Plaza, Air, Noise and Wetland Studies, Town of Patterson
- ◆ Village of Cold Spring Planning Board, Technical Advisory Services
- ◆ Village of Cold Spring Village Board, water front permits for Cold Spring Dock, Village-wide water supply studies, fracture trace analyses, well siting.
- ◆ Town of Putnam Valley, Townwide Aquifer Studies and Master Plan
- ◆ Town of Kent, EIS Review, The Meadows Subdivision

Orange County

- ◆ Harriman Business Park, 1.8 million sf light industrial complex, 200 unit apartment complex, 100 room hotel, 150,000 sf office, 100,000 sf commercial, Towns of Monroe and Woodbury, Village of Harriman
- ◆ Orange Regional Medical Center, EIS for new 606,000 sf, 374 bed facility, Town of Walkkill
- ◆ The Home Depot, Traffic Studies and EAF, Town of Newburgh
- ◆ Village Heights Residential Development, DEIS, 371 townhouses, Town/Village of Monroe
- ◆ Greenwich Row Office Development, 90,000 sf office condominium, Village of Goshen
- ◆ Lake Manor, DEIS, 54 unit, clustered residential subdivision, Town of Monroe
- ◆ Blooming Grove Estates, EIS and groundwater evaluation, Town of Blooming Grove
- ◆ Sawyer's Peak, DEIS, 47-lot subdivision, Town of Goshen
- ◆ Gillman Organization, off-track betting and 100,000 sf commercial center, Town of Walkkill
- ◆ Cascade Lake, water supply studies, wetland delineations, traffic studies, 115 unit cluster development, Town of Warwick
- ◆ MHK Realty, non-point source loading studies, wetland delineations, Town of Goshen.
- ◆ Hebrew Day School, Traffic and Noise Analyses, Town of Goshen
- ◆ Camp Monroe, OMAC Realty, 300 unit cluster subdivision, water supply, wetlands, and EIS, Town of Chester
- ◆ James Motel, 30,000 sf Shopping Center EIS, Village of Monroe

Dutchess County

- ◆ 45 acre industrial park, for the New York State Urban Development Corporation, Dutchess County, New York.
- ◆ Land Feasibility Study, 150 acre parcel, Town of Amenia.
- ◆ Town of Pawling, EIS review, Yagella Farms Project, Tabor Farms Project.
- ◆ Town of Hyde Park, Dominican Camp Park Acquisition and use, Generic EIS.
- ◆ Mid Hudson Medical Center, Village of Fishkill, Planning, Traffic and Environmental Review of DEIS.
- ◆ Dover Retail Center, 500,000 of retail, Dover.
- ◆ Amenia Shopping Center, Route 22, Amenia.

Rockland County

- ◆ Avalon Gardens, Environmental Impact Statement, 504 unit multifamily rental project, Town of Clarkstown
- ◆ Parker Nanuet Associates Rezoning, Environmental Impact Statement, 500 units residential, 550,000 sf mixed use executive park, Town of Clarkstown
- ◆ Bright Realty, wetland delineation, New Hempstead

New Jersey

- ◆ Lake Cushetunk Planned Residential Community, Environmental Impact Statement, Trammell Crow Company, 610 unit residential development, Readington Township
- ◆ Wall Township, New Jersey - 300,000 sf office development project, wetlands delineation and studies.
- ◆ Wetlands Delineations and Assessments - Brae One Corporate Park, Park Ridge;
- ◆ Wetlands Delineations and Assessments - River Bend Residential Development, Oakland;
- ◆ Wetlands Delineations and Assessments - Amerada Hess Corporate Development, Hackensack Meadowlands.
- ◆ Zoning and Traffic Analysis, 160,000 square foot light industrial complex, Piscataway.

Connecticut

- ◆ The Omni at Ridgefield, CT, 360,000 square foot office park - field investigations, wetlands impact and mitigation assessment.
- ◆ Groton/New London Airport Land Use Planning and Expansion Program - Environmental Impact Statement, Noise Monitoring Program and Public Opinion Surveys, Groton, Connecticut.
- ◆ Charter Oak Bridge, Environmental Assessment, bridge spanning Connecticut River between Hartford and East Hartford Connecticut, for the State Department of Transportation. Issues addressed include noise impacts, wetlands impact, construction in floodplain, water quality.
- ◆ Beacon Hill, residential subdivision, Coastal Zone Consistency Findings, Town of Branford, Connecticut.

New York City

- ◆ Hartz Mountain (with Konheim and Ketcham) - provided technical support to EIS, collected all traffic data and conducted Level of Service Analysis, open space studies, two million square foot office tower, Long Island City, Queens.
- ◆ Metrotech - provided technical support to the EIS, in areas of air quality and traffic analysis for this major mixed use development in Downtown Brooklyn.
- ◆ Staten Island Development Center and Institute for Basic Research, Capital Improvement Program - Master Planning support and Environmental Impact Statement, New York State Facilities Development Corporation, Staten Island, New York.
- ◆ Brooklyn Children's Psychiatric Center, Brooklyn, air quality and noise review
- ◆ Four Water Street Residential Conversion - Project Data Statement, Noise Monitoring Program, Environmental Studies, Brooklyn, New York.
- ◆ Sheepshead Bay Bulkhead - Fill and Condominium Development, Project Data Statement and Regulatory Compliance Review, Brooklyn, New York.
- ◆ Clove Road HIP Center - Environmental, Hydrology, Noise and Traffic studies, Staten Island, New York.
- ◆ Public School 151 and 35-story residential tower - Traffic Analysis and Project Data Statement, Upper East Side, NYC.
- ◆ Proposed Demapping of Ruby Street - Traffic Analysis and Circulation Study, Brooklyn, New York.
- ◆ Stark's Veranda Project - Environmental Impact Statement, Manhattan.
- ◆ 37-story mixed use tower - Environmental and traffic review, Upper West Side, Manhattan.
- ◆ Proposed Waldbaums Supermarket and Shopping Center - Traffic and Air Quality Analysis, Whitestone, Queens.
- ◆ Renovation and Reuse of Public Bathhouse 7, NYC Landmark, Traffic Analysis and Project Data Statement, Brooklyn, New York.
- ◆ Yorkville EIS, for the Department of City Planning of New York City. Assessed the environmental, traffic, land use and socioeconomic impacts of rezoning a 3 block area in Manhattan's Upper East Side.
- ◆ Metro-State Correctional Facility EIS, 1000 bed maximum security prison, North Brother Island, The Bronx. Responsible for environmental analysis of all physical parameters, for the State of New York, Office of General Services.
- ◆ Chapel Farm Residential Development and Street Demapping, Riverdale, the Bronx, Natural Area mapping, tree mapping, Environmental Impact Statement, Stage 1, 2 and 3 archaeological studies, project coordination.
- ◆ Numerous Project Data Statements for projects in the City of New York, including: Health Insurance Plan of Greater New York Expansion Program; Barney's Department Store Expansion, Manhattan; Riverdale; PAZ Conversion, Williamsburg; Residential Tower, Queens Boulevard, Queens.
- ◆ Brooklyn Union Gas, Study of Nitrogen Oxide Emissions Associated with Cogeneration in New York City.

Wetland Mitigation, Inc.
Wetland Design, Permitting and Construction Services

Wetland Mitigation, Inc. is a corporation affiliated with Tim Miller Associates, established to assist builders, property owners and government agencies in the design, permitting, and/or construction of new wetlands and the maintenance of stormwater facilities such as retention, detention and water quality basins.

Our professionally designed and constructed wetlands provide educational and passive recreational resources to the general public, provide wildlife habitat, assist in the treatment of stormwater, and offset unavoidable impacts that may occur to wetlands as a result of land use activities. We also design and implement the enhancement and/or restoration of existing wetland systems.

Wetland construction is a relatively new science. While wetlands have been successfully created by design (and by accident) for many years, there is a history of failed wetland construction projects that have resulted in the perception that wetland creation is difficult to implement and risky to enforce.

Wetland failures most frequently occur because of poor design related to hydrology (not enough water), improper implementation, and insufficient monitoring and follow-up to be sure that desired species thrive. Traditional landscape contractors have little or no expertise in achieving long term success of planted wetlands and no investment in the outcome. Specified plantings need to be closely watched, and sometimes supplemented with follow-up plantings, and invasive species must be weeded out. Stringent attention is needed to produce results that are consistent with the goals of the wetland design.

Wetland Mitigation Inc. is owned and managed by registered landscape architects, professional wetland scientists and environmental planners with a cumulative total of more than 100 years of experience in the fields of applied ecology, hydrology, botany, geology and landscape design and implementation. Key staff resumes include Steve Marino, PWS, Stephen Lopez, RLA, and Fred Wells, RLA, are listed in the back of this brochure. This combination of experience is unparalleled in the landscape contracting business. We employ field staff who are experienced in site preparation and hand planting of wetlands in a wide variety of environments. Our project managers work onsite and will stay involved over multiple seasons to ensure the success of the wetland based on agreed upon goals and functions.

WMI has exclusive access to existing wetland nursery lands where wetland plants are propagated and readily available for landscape programs. The company also uses an extensive network of wholesale nurseries for plant materials suitable for a wide range of drier wetland environments (such as side slopes of retention basins), wetter areas that are seasonally saturated (marshes and scrub/shrub swamps), and underwater littoral zones where submergent vegetation is warranted. Our planting programs are implemented in the Northeast between April and November.

Our field staff is also available to remove sediments and other deposits by hand from stormwater management facilities and re-landscape, as necessary.

Past and Current Wetland Design and/or Build Projects

- Airmont Senior Living (Pulte Homes), Village of Airmont, Rockland County
- Cortlandt Town Center (CBL and Associates), Mohegan Lake, Westchester County
- Yorktown Golf, Town of Yorktown, Westchester County
- Woodcrest at Leonard Park (Wilder Balter Partners), Village of Mount Kisco, Westchester County
- Hollowbrook Golf Club (Wilder Balter Partners), Town of Cortlandt, Westchester County
- Abee Rose Estates, Town of Cortlandt, Westchester County
- River Club (Ginsburg Development Corporation), City of Yonkers, Westchester County
- Tibbetts Brook County Park, City of Yonkers, Westchester County
- French Hill Golf Club (The Trump Organization), Town of Yorktown, Westchester County
- Hopewell Glen (Toll Brothers), Town of East Fishkill, Dutchess County
- Trump National Golf Club (The Trump Organization), Briarcliff Manor, Westchester County
- Petrillo Residence, Town of New Castle, Westchester County
- Emery Ridge Subdivision, Town of Cortlandt, Westchester County
- McDonald Leiner Subdivision, Town of Carmel, Putnam County
- Veneziano Residence, Town of North Castle, Westchester County
- Carmel Corporate Center, Town of Carmel, Putnam County
- Scarborough Presbyterian Church, Village Briarcliff Manor, Westchester County

TIM MILLER, AICP, President, Tim Miller Associates, Inc.
Principal-In-Charge

EDUCATION

Pennsylvania State University, B.S. Environmental Management, 1974

EXPERIENCE

1986 to Present

President, TIM MILLER ASSOCIATES - Responsible for all technical and administrative activities of TMA, a multidisciplinary environmental consulting firm. Areas of expertise include project management, land use and zoning analyses, SEQRA and NEPA reviews, transportation planning, environmental permitting, water resource planning, environmental auditing and site assessments, urban design and land planning, environmental impact analysis, noise impact studies, community participation programs, wetland and ecological studies, market analyses and development advisory services.

Mr. Miller has substantial experience with planning and development projects in suburban environments: He has assisted many local and national clients in the planning and procurement of approvals in the New York City Metropolitan Area. For retail clients, he has secured approvals for multiple Home Depot sites, including Binghamton, Kingston, Newburgh, Monroe and Cortlandt. For the Stop & Shop Supermarket Company and Hannaford stores, he has secured approvals in North White Plains, White Plains, Cortlandt, New Windsor and Port Chester. He recently procured approvals for C&S Wholesale Grocers for one of the largest cold storage warehouses in the Northeast US. The project involved a 300,000 square foot facility, some ten stories high, for refrigerated foods.

Retail approvals for BJ's Wholesale Club and Walmart have been procured in Monroe, Yorktown, and Newburgh. Mr. Miller managed the EIS for the 800,000 sf Harriman Commons project in Monroe and Woodbury, the retail redevelopment of Downtown Port Chester, the 800,000 sf Cortlandt Town Center in Cortlandt, and is currently working on the Marketplace at Newburgh, a +750,000 retail project near the I-84/I-87 interchange; the Gateway Summit project and Baldwin Place project in Carmel; and Patterson Crossing, a 400,000 sf retail project in the Town of Patterson.

Mr. Miller has been involved in residential planning and permitting in practically every New York Town and County within 100 miles of Manhattan. He has secured approvals for Ginsburg Development Company's (GDC) 400+ unit River Club project in Yonkers, and their 201 unit Riverbend project in Peekskill, the GDC Pelham Manor multifamily project, and GDC's Fairway project in the Town of Wallkill, to name a few. For Toll Brothers, he is completing a 280 unit project in the Town of East Fishkill (Hopewell Glen). For Pulte Homes, he is supervising multiple projects in Yorktown, Carmel and Fallsburg.

Senior and affordable housing is a particular strength, including 320 units at the Carmel Corporate Center in Carmel, 161 unit at Jacobs Hill in Cortlandt, 100 units in Woodcrest at Leonard Park, and 140 Senior units in the Village of Chester, among many others.

He worked on planning and siting studies for Westchester County's Sludge Management Facility and was deeply involved in wetlands and water resource reviews for the Master Planning of Stewart airport. He has provided expert testimony in the New York State Court of Claims as a consultant to the New York State Department of Transportation.

His urban experience includes management of the Fifth Avenue Urban Renewal Plan in the City of New Rochelle, the City of Yonkers Ashburton Madison Urban Renewal Plan; Hartz Associates, Long Island City, Queens, traffic and parking analyses for a 56 story, 1.8 million square foot residential and office development; and, the redevelopment of the Staten Island Developmental Center for the NYS Facilities Development Corp.

Golf course and recreational development is a particular specialty. Recent experience includes three courses for the Trump Organization: Trump National in Briarcliff, French Hill in Yorktown and



TIM MILLER, AICP, President, Tim Miller Associates, Inc.

Principal-In-Charge

Indian Hill in Putnam Valley; French Hill and Indian Hill have recently been donated to the State of New York to be named Trump State Park. Mr. Miller has also worked on the Hudson National Golf Course in Croton; Centennial Golf in Carmel and Southeast; Loch Ledge and Shadow Creek in Yorktown; Clover Hill in Southeast; Trout Beck in Amenia and the Blue Lake Golf course in Cortlandt. He recently procured approvals for the newest private golf club in Westchester County, the Hollowbrook Golf Club for Empire Golf in the town of Cortlandt. That project included design and construction of three acres of created wetlands and an 85 unit townhouse development currently being built by Toll Brothers.

Mr. Miller was the Town Planner for the Town of Philipstown for 19 years and has provided consulting planning services to the Villages of Washingtonville, Irvington, Mamaroneck and Cold Spring, the towns of Blooming Grove, Putnam Valley, Greenburgh and Yorktown, and the Cities of Rye, New Rochelle and Yonkers, among others.

He has processed and/or obtained variety of approvals for waterfront projects including the redevelopment of Downtown Port Chester, Titus Mill Pond Marina, New Rochelle; Cold Spring Dock, Cold Spring, Sheepshead Landing Marina and Condominiums, Sheepshead Bay Brooklyn; Potters Lane and Soundview Plaza, New Rochelle.

Mr. Miller supervises TMA's ecological division that has included up to six specialists in the areas of wetland delineations, permitting and mitigation design. He has worked with the New York State Department of Environmental Conservation, the Army Corps of Engineers, and many local jurisdictions in the processing of wetland permit applications and related activities.

He has supervised a variety of groundwater and geotechnical investigations including Townwide Hydrogeology Studies in Putnam Valley; Route 9 Corridor Aquifer Study in Philipstown; Alternative Groundwater Supplies Program, Village of Cold Spring; Sleight Farm Community Water Supply Program. La Grange; Water Quality Testing, Garrison Hills, Philipstown; Baseline soil testing, Buchanan Executive Park; Cascade Lake Water Supply Studies, Warwick; Blooming Grove Estates Water Supply studies, Blooming Grove; Centennial Golf, 27 hole golf course in Carmel and Southeast; Trout Beck Golf Course, Amenia; Indian Hills Golf Course, Putnam Valley; and French Hills Golf Course in Yorktown.

He has been involved as a principal in a number of private development projects including Philangeli Forest in Philipstown, Locust Manor Estates in Cortlandt, Ferris Estates in Peekskill, the Inlet at Sebastian in Sebastian, Florida and 4 Water Street in Brooklyn.

His stewardship activities include the acquisition and donation of 85 acres of pristine forest lands to the Open Space Institute in Putnam County, which have been incorporated into Fahnestock State Park. He serves as a volunteer and provides counseling services to inmates at the New York State Correctional Facilities at Fishkill and Beacon.

He has served on a subcommittee evaluating changes to New York State's environmental review statutes and worked with Westchester County and the New York State DEC in development guidelines for streamlining review processes and improving collaborative activities with developers.

Mr. Miller is also a partner in Wetland Mitigation, Inc., a landscape contracting company that specializes in building new wetlands and enhancing and rehabilitating existing wetlands. That firm has construction or rehabilitated many acres of wetlands in the New York area has planted stormwater management ponds throughout the region with nutrient hungry wetland plants that improve the water treatment capabilities of the stormwater basins.



TIM MILLER, AICP, President, Tim Miller Associates, Inc.
Principal-In-Charge

1985 to 1986

President, The Hudson Partnership, Inc. Responsibilities included corporate administration, project management, development advisory services, land use planning, noise and traffic analyses, environmental studies, public presentations and testimony and zoning analyses. Project experience includes:

- ◆ Environmental and traffic review, 37-story mixed use tower, Bruce Eichner Properties, Upper West Side, Manhattan
- ◆ Zoning and Environmental Review, 160,000 square foot light industrial complex, Piscataway, New Jersey
- ◆ Environmental Analysis, Proposed Waldbaums Supermarket and Shopping Center, Whitestone, Queens, New York
- ◆ Traffic analysis - Briarcliff Commons, condominium development, Albert Realty, Briarcliff Manor, New York.

1982 to 1985

Associate and Director of Environmental Division, Urbitran Associates, Inc., New York City. Project experience included:

- ◆ Yorkville EIS. For the Department of City Planning of New York City. Assessed the environmental, traffic, land use and socioeconomic impacts of rezoning a 3 block area in Manhattan's upper East Side.
- ◆ Environmental Impact Statement, Noise Monitoring Program and Public Opinion Surveys, Groton/New London Airport Land Use Planning and Expansion Program, Groton, Connecticut.
- ◆ Metro-State Correctional Facility EIS, 1000 bed maximum security prison, North Brother Island, The Bronx. Responsible for environmental analysis of all physical parameters for the State of New York, Office of General Services.
- ◆ Project Manager, Environmental Feasibility Studies, EIS, Willow Development Corp, Office Park, Armonk, New York. Responsible for wetlands mapping, traffic and parking studies, stream surveys, floodplain modeling (HEC-II), permits from State DEC and Corps of Engineers.
- ◆ Project Manager, Charter Oak Bridge, Environmental Assessment, bridge spanning Connecticut River between Hartford and East Hartford Connecticut, for the State Department of Transportation. Issues addressed include noise impacts, wetlands impact, construction in floodplain, water quality.
- ◆ Central Westchester Business Park EIS, 250,000 square foot office development, Ossining, New York. Responsible for erosion studies, traffic analyses, utility analysis, and presentations before the planning board.
- ◆ Numerous Project Data Statements for projects in the City of New York, including: Health Insurance Plan of Greater New York Expansion Program; Barney's Department Store Expansion, Manhattan;
- ◆ Chapel Farms Residential Project, Riverdale; PAZ Conversion, Williamsburg; Residential Tower, Queens Boulevard, Queens.
- ◆ Deerfield Condominiums Environmental Impact Statement, 72 unit residential project, Ossining, New York.
- ◆ Project Manager EIS, 45 acre industrial park, Dutchess County New York, for the New York State Urban Development Corporation.
- ◆ Project Manager, Brooklyn Union Gas, Study of Nitrogen Oxide Emissions Associated with Cogeneration in New York City.



TIM MILLER, AICP, President, Tim Miller Associates, Inc.
Principal-In-Charge

1981 to 1982

Senior Urban Planner, Wagstaff and Brady, Landscape Architects and Urban Planners, Berkeley, California

- ◆ Project Manager and Principal Planner, City of Turlock, California. Revision of General Plan, land use surveys, public policy analysis, development constraints and incentives, community workshops.
- ◆ Principal Planner, San Geronio Pass Wind Farm EIS and Land Use Regulation Studies, County of Riverside, California, County Wide Analysis of Wind Turbine Generators. Advised county planners as to pertinent land use regulations relating to energy development. Awarded American Society of Landscape Architects 1983 Merit Award.
- ◆ Project Manager, Visual Resource Analyses, Public Participation Program, Lake Tahoe Regional Planning Agency Basin Plan, extensive photography, press releases, radio interviews, newsletters, public presentations.

1978 to 1981

Senior Associate, Assistant Director of Marketing, Senior Environmental Scientist, ESA, San Francisco, California

- ◆ Project Manager, EIS, \$200,000,000 sewage treatment plant in coastal zone, component of City Wide Wastewater Management Plan, City and County of San Francisco.
- ◆ Project Manager, EIS, San Jose Wastewater Solids Treatment Program.

1975 to 1978

Environmental Analyst. Earth Metrics, Palo Alto, California

- ◆ Director, Water Quality Laboratories, established and directed monitoring, sampling and analytical programs for numerous projects throughout northern California.
- ◆ Project manager or staff analyst on more than twenty environmental impact reports on a wide variety of projects, including road widening in San Jose (under FHWA guidelines); high school construction, Monterey County; sewage treatment facilities, Arroyo Grande; Kaiser Industries sludge and tailings disposal, Castroville; Sports Stadium, Fresno, and numerous commercial and residential development projects.

PROFESSIONAL AFFILIATIONS AND ORGANIZATIONS

American Planning Association
American Institute of Certified Planners



ANN CUTIGNOLA

Senior Planner

EDUCATION

Manhattanville College, 1980

Supplemental Course Work toward Master of Civil Engineering In Transportation

New York State University, Oneonta, New York, 1976

B.S., Geography, Concentration in Urban Studies

State University of New York, Valhalla, New York, 1999

Graphic Design

New York Institute of Technology/New York Botanical Garden, 1990

Landscape Design

EXPERIENCE

2002 to Present

Senior Transportation Planner/Project Manager, TIM MILLER ASSOCIATES, INC., Traffic and transportation planning and analysis using the latest versions of the Institute of Traffic Engineers Highway Capacity software. Environmental Impact analysis including Environmental Assessment Forms (EAF) and Environmental Impact Statements (EIS). Socioeconomic analysis and project management of consultant teams. As a project manager Ann provides project management services, coordinating project teams and internal staff, representing clients at public meetings, providing expert guidance in the development review and approval process, and managing the preparation of environmental impact statements and the coordination of SEQRA reviews.

Active or recent projects include the following:

- ◆ **Orange Regional Medical Center** - Project Management for preparation of DEIS/FEIS for a state of the art 374 bed regional medical facility in the Town of Wallkill, Orange County, New York. SEQRA process completed, including Statement of Findings, in 16 months.
- ◆ **Town of Clarkstown Active Adult Residential Zoning Amendment** - Project Management for preparation of a Generic DEIS/FEIS for a zone text amendment which created a floating zone for Active Adult Residential housing. GIS mapping of eligible host parcels and eligibility assessment based upon specified criteria. Analysis of projected demographic, traffic and economic impacts for up to 800 units of AAR housing in the Town of Clarkstown, Rockland County, New York. Completion of the SEQRA process including Statement of Findings in 8 months.
- ◆ **Hyenga Lake** - Project Management for preparation of DEIS/FEIS for an 80 unit multifamily residential townhouse project in the Town of Clarkstown, Rockland County, New York
- ◆ **Old Salem Farm** - Analysis of projected traffic and transportation impacts related to an expansion of the Old Salem Farm, which is utilized for annual Horse show events in the Town of North Salem, Westchester County, New York.
- ◆ **DoubleTree Hotel** - Analysis of projected traffic and transportation impacts related to an expansion of the refurbished DoubleTree Hotel, in the Town of Tarrytown, Westchester County, New York.
- ◆ **Hidden Creek** - Project Management for preparation of DEIS for a 153 unit residential townhouse project in the Village of Monroe, Orange County, New York
- ◆ **Hudson Valley Medical Center** - Analysis of projected traffic and transportation impacts for an expansion of the Hudson Valley Medical Center in the Town of Cortlandt, Westchester County, New York
- ◆ **Furnace Dock** - Analysis of projected traffic and transportation impacts for a 26 lot residential subdivision in the Town of Cortlandt, Westchester County, NY.
- ◆ **Brighton Green** -Analysis of projected traffic and transportation impacts for a 154 unit townhouse residential project in the Town of Newburgh, Orange County, NY.

ANN CUTIGNOLA
Senior Planner

1993 - 1994

Landscape Architect Assistant, ENVIROSCAPE

- ◆ Prepared residential landscape design plans. Provided design ideas and recommendations including walkways and sitting areas; incorporation of decks, gazebos and lighting installations.

1990 - 1993

Land Use Planner, RAYMOND H. ARNOLD, AICP

- ◆ Attended Municipal meetings for site plan review of pending projects as a consultant to the Town of East Fishkill, New York
- ◆ Designed house-numbering system including mapping for the Village of Cold Springs, New York for implementation of the E911 emergency response system.
- ◆ Prepared the Town of Putnam Valley's official street map as part of the Town's Master Plan Update.

1988 - 1990

Transportation Planner, TIM MILLER ASSOCIATES, INC., Cold Spring, New York

- ◆ Prepared Highway Capacity studies necessary for Environmental Impact Studies; Analysis of the traffic and regional transportation impacts of proposed projects.

1977 - 1987

Senior Transportation Planner, WESTCHESTER COUNTY DEPARTMENT OF PLANNING,

- ◆ Identified and Analyzed regional transportation issues
- ◆ Developed and conducted planning studies based on Land Use, Socioeconomic data, travel patterns and highway improvements.
- ◆ Conferred with local officials and supervised consultants in the development and implementation of Federal State and local transit and highway plans.
- ◆ Supervised the Environmental Impact Study and subsequent air quality, traffic and water quality studies for the Westchester County Bus Maintenance Facility.
- ◆ Capital grants administration including purchase and installation of equipment; project management of WCDOT's capital improvement program.
- ◆ Prepared bid specifications, contracts and lease agreements.
- ◆ Prepared status reports and financial statements for federal, state and local agencies; oversaw letter of credit and bonding authorization for capital projects.
- ◆ MBE / WBE coordinator for WCDOT.
- ◆ Design and layout of the 1980 Westchester County Transit Guide, a comprehensive system route map.
- ◆ Design and layout of all printed passenger media including individual route maps, timetables, and promotional brochures.

JON P. DAHLGREN

Vice President / Senior Geologist

EDUCATION

Beloit College, B.S. Geology, 1984

EXPERIENCE**1998 to Present****Senior Environmental Geologist, Environmental Division, TIM MILLER ASSOCIATES, INC.**

Responsible for environmental impact analysis, Phase 1 and 2 Environmental Site Assessments, soil, groundwater, and surface water sampling programs, water supply development, geotechnical reviews, and project management for zoning and land use impact analysis. Active or recent projects include the following:

Environmental Assessments

- Phase 1 and 2 Site Assessments and site remediation (Phase 3) for a 2.77 acre former auto junk yard in Mamaroneck, New York. The site is proposed for reuse as a 96 unit residential condominium project. The site assessments included soil and groundwater sampling with Geoprobe and the subsequent excavation and off-site disposal of impacted soil and bedrock. The remediation resulted in the closure of the Spill Incident. The project included coordination with the NYSDEC, Westchester County Department of Health, the Village Board of Trustees and Planning Board.
- Professional consulting services for Town of Highlands, Board of Trustees related to MTBE impacted private wells. Completed a review and summary report of groundwater investigations and well monitoring data, attended meetings with the Planning Board and the public to discuss MTBE impact and local hydrogeologic conditions.
- Phase 1 and 2 Site Assessments for former NYCDEP sewage treatment plant, Mount Kisco, New York. The project site is proposed for development as a commercial office complex. Project involved working with the client, Village Planning Board and remediation contractor to develop a clean-up plan for mercury impacted sediments which remain on the site.
- Phase 1 and 2 Site Assessment, IKEA project, City of New Rochelle, New York. Managed the assessment of a 15.9 acre site of mixed commercial and residential uses for a City redevelopment proposal, including project coordination, design of sampling program, supervision of drilling, well installation and sample collection, data analysis, and report preparation.
- Phase 1 Environmental Baseline Surveys for nine U.S. Army Reserve Centers in Minnesota, Michigan, Indiana and Ohio, including, site visits, interviews, data collection and report preparation.
- Phase 1 and 2 Site Assessment at a former Putnam County Landfill and adjacent properties, including test pits, soil and groundwater sampling, project coordination, and report preparation.
- Phase 2 Site Assessments for four affordable housing sites on three city blocks, Brooklyn, New York. Project including test pits, soil sampling, and the removal and closure of eight abandoned UST's at a former gasoline station, found during the excavation. Worked closely with NYCDEP and NYCHPD to develop construction recommendations to minimize future exposure to on-site soils.
- Phase 2 Site Assessment, UJA Federation Camps, Town of Patterson, New York, including the completion of test pits and soil sampling.
- Completed Phase 1 Site Assessments for residential and commercial properties located throughout New York City, and Westchester, Rockland, Orange, Putnam, Ulster and Dutchess Counties. Successfully prepared or managed over 200 Phase 1 site assessments.

JON P. DAHLGREN

Vice President / Senior Geologist

Draft and Final Environmental Impact Statements

Project manager for SEQRA review process for residential and commercial projects, including:

- Sheldrake Estates, Village of Mamaroneck Managed the preparation of a DEIS and FEIS for a 96 unit condominium development on a former auto wrecking yard property. The project required a zoning change from manufacturing to residential. Project was granted a zoning change, adoption of SEQR Findings and preliminary Site Plan approval.
- Salem Hunt, Town of North Salem. Managed the preparation of a DEIS for a 55 unit cluster condominium development on 40 acres. Project is under SEQR review.
- Hillcrest Commons, Town of Carmel, New York. Project Manager for the preparation of a DEIS and FEIS for a residential development of 150 units of senior housing on a 107 acre site. The SEQR Findings for the project were adopted in August, 2006.
- Emery Ridge, Town of Cortlandt, New York Managed the SEQR review process and preparation of DEIS and FEIS for a 65 unit cluster development of single family homes and attached condominium units in a former mining site. Project was approved, constructed by Toll Brothers and is currently occupied.
- Henry Farm Estates, Town of Monroe, Project manager for the SEQR review process for a subdivision consisting of 66 single family homes, 50 multi-family senior townhouses, and limited retail and office use. Managed the preparation of DEIS, FEIS, and NYSDEC Water Supply Permit for community water supply.
- Harriman Commons, Town of Woodbury and Town of Monroe. Project Manager in the production of a DEIS and FEIS for a major retail development on 79 acres, located in two municipalities. Project has been constructed and is fully occupied.
- Chapel Farm, Riverdale, The Bronx, New York. Project Manager, Prepared subdivision application, and supporting CEQR documents for the Department of City Planning for a fourteen lot subdivision of single family homes.

Additional Projects

- Trump National Golf Club, Briarcliff Manor, New York. Manage on-going water quality sampling program of surface water and groundwater.
- Preparation of NYSDEC Water Supply Permit application for 116 unit residential project, Town of Monroe, New York.

1994 - 1997 Environmental Analyst, Vermont Agency of Transportation, Montpelier, Vermont. Managed environmental review, impact analysis and permitting of proposed transportation projects throughout the State of Vermont. Included the review and preparation of Environmental Impact Statements, Vermont Act 250 Land Use Permit applications, U.S. Army Corps of Engineers Nationwide Permit applications, Stream Alteration permits. Coordinated with Town Planning Boards, Town Boards, State and Federal regulatory officers, and the public. Represented VAOT at public hearings, interagency meetings.

1991 - 1994 Technical Environmental Analyst, Massachusetts Port Authority, Boston, Massachusetts. Provided technical support to Port Authority staff and ensure that Port Authority projects and activities remain in compliance with State and Federal regulatory requirements. Conducted Phase I and II Environmental Site Assessments of Port Authority property including portions of Hanscom Field, Concord, MA and port properties in Boston, MA. Managed a soil and contaminated media disposal contract for the rapid treatment or disposal of soil and water from Port Authority property. Conducted

JON P. DAHLGREN

Vice President / Senior Geologist

environmental audits of Port Authority and tenant managed facilities, including Logan International Airport and Hanscom Field.

1990 - 1991 Environmental Geologist, Roux Associates, East Granby, CT.

Consulting geologist and project manager for environmental engineering firm specializing in environmental site assessments, groundwater studies, and groundwater remediation at petroleum service stations. Conducted site assessments, soil and groundwater sampling and regulatory project review.

1986 - 1989 Environmental Geologist, Mittelhauser Corporation Naperville, IL.

Consulting geologist and project manager for environmental firm specializing in groundwater studies, environmental site assessments, RCRA facility permitting and waste management. Conducted site assessments for major manufacturing firms, groundwater monitoring programs and regulatory permitting and support. Projects included:

- Groundwater Monitoring Plan, Muncie, Indiana. Participated in a groundwater monitoring plan for the major manufacturing plant's wastewater lagoons containing lead and acid waste. Conducted well installation, pumping tests and characterization of shallow aquifer.
- Groundwater Investigation, Cherry Valley, Illinois. Conducted a hydrogeologic assessment and extent of contamination study at a manufacturing plant. The sand and gravel aquifer was impacted with a number of chlorinated solvents.
- Groundwater and Site Assessment, Lemont, Illinois. Installed wells and collected groundwater samples at a major bulk chemical storage and transfer facility. Soil and groundwater was impacted with numerous volatile organic compounds.
- Site Assessment, East Chicago, Illinois. Participated in a site assessment of a former research laboratory containing buried laboratory waste. Study involved monitoring well installation, test pits and soil and groundwater sampling.

PROFESSIONAL AFFILIATIONS

Member: National Water Well Association

JAMES A. GAROFALO, AICP
Director, Transportation Division

EDUCATION

Union College, B.S., Civil Engineering, 1977
Polytechnic Institute of New York, M.S., Transportation Planning and Engineering, 1980

EXPERIENCE

Mr. Garofalo has 30 years of experience in the fields of transportation planning, traffic engineering, and civil engineering. He has served as the Director of the Traffic or Transportation Division of Tim Miller Associates since 1989. His background includes traffic and transportation planning, parking, temporary routing, project prioritizing, facility improvement, bikeway, and pedestrian planning for government agencies. Mr. Garofalo is responsible for managing data collection programs, traffic analyses, and municipal traffic reviews at Tim Miller Associates. Mr. Garofalo has also worked for the NYC Transit Authority, CDTC (the Metropolitan Planning Organization for the NY capital district), the Rhode Island DOT, and Andrews and Clark Inc. A representative sample of project accomplishments includes:

SITE DEVELOPMENT - COMMERCIAL OR RESIDENTIAL MIXED USE

South Westchester Executive Park, City of Yonkers, N.Y. Comprehensive Plan Traffic Study for 140 acre site and internal parking and circulation study for additional 109 room hotel and 244,000 square feet of flex space. Site specific traffic study for 1034 Broadway medical office/retail development, The Medical/Retail development has been built, and SUMA Credit Union Corporate headquarters offices are open.

The Home Depot, Town of Newburgh, Town of Ulster, and Town of Union, N.Y. Completed traffic analysis in environmental impact reports for Home Depots. These facilities are open.

Cortlandt Town Center Expansion and Renovation, Town of Cortlandt, N.Y. Traffic study for 380,000 square foot shopping center expansion. Renovation included a new Walmart and UA Cinema. New construction included an A&P Supermarket, The Home Depot, Barnes and Noble, Office Max, Modell's (sporting goods), Petsmart, Seaman's Furniture, Blockbuster Video, and Party City.

BJ's Wholesale Club, Yorktown, N.Y. Traffic study for a 110,000 square foot BJ's and successful revitalization of a underutilized shopping center, the former Building Design Center.

Benderson Development Route 22 Retail Center, Patterson, N.Y. Prepared traffic studies for Phase I and Phase II development of a 151,000 Square foot shopping center including an A&P supermarket now open.

Harriman Business Park, Village of Harriman, Town of Monroe and Town of Woodbury, N.Y. Traffic analysis for GEIS involving residential, hotel, office, retail and light industrial development totaling more than two million square feet. Followed up site specific development work proceeded as Harriman Commons below. Residential component was constructed. The retail component was constructed and expanded.

Harriman Commons, Town of Woodbury and Town of Monroe, N.Y. Traffic analysis for 400,000 square feet of retail, 200 room Hotel Conference Center, multiplex theater, and stand alone buildings. This site was eventually completed as a retail center with Home Depot, Walmart, and BJ's wholesale club, and smaller retail businesses.

C&S Wholesale Grocers Town and Village of Chester, N.Y. Traffic analysis of a 356,000 square foot expansion of an existing 177,000 square foot warehouse facility. SEQRA approved.

JAMES A. GAROFALO, AICP

Director, Transportation Division

Carmel Corporate, Town of Carmel, N.Y. Traffic analysis for a GEIS on 110 acre site primarily retail with some medical offices, elderly housing and offices. GEIS was approved. A specific site plan for site for elderly housing has since been approved.

Hope IV, City of Yonkers, N.Y. Traffic analysis for the future condition of an urban renewal project consisting of over 39,000 square feet of commercial space and 790 residential units. The urban renewal plan is being progressed in coordination with the widening of Ashburton Avenue. The first units opening December 2008 with further construction through 2010.

Gateway Summit - Fairways, Town of Carmel, N.Y. Traffic analysis for a senior residential project and a mix use facility including senior housing, offices, community recreation building, hotel and restaurants. Individual projects under design.

The Trump Organization, Briar Hall Golf Club, Briarcliff Manor, N.Y. Traffic analysis for 18 hole golf course with 87 attached residential units including special banquet and tournament events. This premier private golf course is opened.

Village Crossing, Mount Kisco, N.Y. Traffic study for conversion of a bowling ally into retail in a village setting. This site is currently open.

Huguenot Hills, City of New Rochelle, N.Y. Traffic study for mixed retail/residential use facility. Site is occupied.

Lakeland Acres, Town of Cortlandt, N.Y. Traffic study for an 85 unit residential development and golf course. The golf course and residential component are open.

Centennial Golf Course, Carmel, N.Y. Provided traffic data for a golf course environment review. Golf course is open.

Patterson Crossing, Patterson and Kent, N.Y. Traffic study for a 382,000 square foot retail center SEQRA approved.

Raliegh Heiden, Town of Fallsburg, N.Y. Traffic study investigating the traffic associated with the additional 236 residential dwelling units built around an existing hotel.

SITE DEVELOPMENT - RESIDENTIAL

Red Oak Estates, Town of Cortlandt, N.Y. Prepared traffic element of DEIS for 73 lot residential cluster. This development is occupied.

Riverbend, City of Peekskill, N.Y. Traffic study for a 202 unit residential development adjacent to the Peekskill Railroad Station. The site is now built and fully occupied.

Roundtop, Cortlandt, N.Y. Traffic study for 92 residential rental units near the new Cortlandt Railroad Station. Approved and under design.

Hillcrest Commons, Carmel, N.Y. Traffic study for a 150 units of senior housing, SEQRA approved.

MAJOR FACILITY SITE DEVELOPMENT

Katonah-Lewisboro High School and Middle School Expansion, Town of Lewisboro N.Y. Traffic and parking study for a major school campus facility expansion. The expansion is open.

JAMES A. GAROFALO, AICP

Director, Transportation Division

Government Office Complex, Town of Kent, N.Y. Traffic study as part of environmental review of Town complex to include a town hall, library, police department, and town center. The government complex is open.

State Government Complex, Providence, R.I. Prepared draft traffic analysis and parking demand studies for the completion of the Government Complex for the state capital. With current parking at capacity, existing parking is being reduced about 50% during construction, and full development will double existing demand. Final office building opened.

PARKING STUDIES

On-Street Parking Study and Traffic Study, Tarryview Court, Village of Tarrytown, N.Y. Project manager for parking study and separate traffic study concerning proposed 30-unit townhouse development adjacent to downtown.

Schenectady CBD Parking Study, Schenectady, N.Y. Developed and applied computer programs for analysis of multiple parking facilities in a downtown area.

St. John's Hospital Parking Study, Queens, N.Y. Prepared area parking study resulting in B S & A approval for doubling their existing parking capacity.

MUNICIPAL SITE DEVELOPMENT TRAFFIC REVIEWS OR PROJECTS

Traffic reviews of site developments or traffic studies on municipal projects have been conducted for the Village of Washingtonville, Village of Irvington, Village of Tuxedo Park, Village of Piermont, Village of Maybrook, Village of Mamaroneck, Town of Clarkstown, Town of Phillipstown, Town of Hyde Park, Town of Tuxedo, Town of Shawangunk, City of Port Jervis, and City of Yonkers.

CERTIFICATIONS AND REGISTRATIONS

American Institute of Certified Planners (AICP)
New York State EIT

PROFESSIONAL AFFILIATIONS (current)

American Institute of Certified Planners
American Planning Association
Institute of Transportation Engineers (Life Member)

PROFESSIONAL COMMITTEES

Institute of Transportation Engineers Committee 4S-4 Statistical Evaluation of Traffic Safety Studies
Committee member investigating traffic safety studies and guidelines for their application used by governmental agencies.

Institute of Transportation Engineers Committee 5 PL-7 Traffic Counting Practices
Committee member involved in investigation to survey traffic counting practices, procedures, purposes and problems, count types and data analysis/uses.

ITE Committee 6A-57 Statewide Programs to assess impacts of Land Use Decisions on Transportation.
Reviewer for committee report.

STEPHEN LOPEZ, AICP, RLA, CLA

Director of Design and Development

EDUCATION

Pratt Institute, MS, Planning, 1977

College of Environmental Science & Forestry at Syracuse University, BLA, 1973

Cornell University, Biology/Landscape Architecture, 1968-70

AWARDS

Sign Design Manual, Town of Cortlandt, Westchester Municipal Planning Federation, 1999

Affordable Housing Code, Town of Greenburgh, Westchester Municipal Planning Federation, 1998

PUBLICATIONS

Coastal Design with Natural Processes, American Society of Landscape Architects, 1985.

"Marina Planting Design", *Boat & Motor Dealer*, September 1982. (One of a series of articles for B&MD on marina related topics)

Property Stewardship: Getting Involved In Community Development, Cornell University Cooperative Extension, June 1981.

EXPERIENCE

2000- Present

Director of Design and Development, Tim Miller Associates, Inc. Mr. Lopez is a Landscape Architect and Planner with over 30 years experience in planning and design, construction and education programs. In his position with TMA he has designed numerous residential, commercial, and open space developments for private sector clients, often for sites under due diligence to determine project feasibility. He provides zoning analysis, conceptual site designs and presentation plans, environmental analysis, landscape plans, and presentations of design proposals. In this process he coordinates production of technical documents from surveyors, civil engineers, traffic engineers, wetland specialists and others as necessary to analyze development potential. For those projects for which feasibility to move forward is demonstrated, he also guides the subsequent review and approvals process by various agencies.

In addition Mr. Lopez provides planning and design services to public sector clients. In this capacity he has prepared comprehensive plans and zoning ordinances for local governments, and provides review services to several municipalities who rely on his expertise to negotiate a high level of quality development from applicants. The following is a representative sampling of recent projects.

- Pulte Homes projects in New Jersey, Dutchess, Orange and Sullivan Counties. Planning and design services have been provided for eight Pulte Homes projects. Services have included site analysis, development of concept designs, coordination of technical disciplines, preparation of presentation plans, landscape plans, wetland and stormwater planting plans, visual analyses, and SEQR forms. One project has been constructed, one is under construction and another has recently received final approvals.
- Madison Park, Town of Newburgh, New York. A concept design for a 136 unit townhouse development with clubhouse and pool was prepared for a 29 acre site with 6 acres of wetland fronting on a State Highway. Following coordination of engineering and presentations to the Planning Board, a conceptual site design was approved and final approvals are currently being processed.
- Comprehensive Plan, Zoning Revisions and Development Reviews, Village of Maybrook, Orange County, NY. In 1992 a Comprehensive Plan update and steep slopes and wetlands zoning ordinances were prepared,. In 2006 a new overall Comprehensive Plan and Annexation Study was prepared with additional zoning ordinances including a Site Plan Ordinance,

STEPHEN LOPEZ, AICP, RLA, CLA

Director of Design and Development

Subdivision Ordinance and PUD Ordinance. During this time development review services have also been provided to the Village.

- Hopewell Glen, East Fishkill, NY. A Landscape Plan was developed for this 292 unit Toll Brothers project including details for entry features, buffers, street trees, open space, rotaries, clubhouse and pool areas. Details included elevation sketches. .
- Airmont Wetland and Stormwater Mitigation Planting, Airmont, NY. A wetland and stormwater mitigation planting plan was developed for a multifamily housing development, and implemented by a TMA subsidiary, Wetland Mitigation, Inc.
- Hollowbrook Golf Club and Townhouses, Town of Cortlandt, NY. A landscape planting design was developed for the Hollowbrook Golf Course and adjacent townhouse development. The golf course has been built and the townhouse development is under construction.

1989-1999

Stephen Lopez, Town Planner and Landscape Architect. Principal in planning and design firm with both public and private sector clients. Private sector work included preparation of site plans, landscape designs and environmental studies for residential and commercial projects, and representation of clients before municipal boards. Municipal work included park, streetscape and sign design, preparation of master plans and special areas studies, preparation of new zoning ordinances and review of development proposals. Additionally, applications for NYS Environmental Bond Fund, Land & Water Conservation Fund, and HUD CDBG funds were completed. Projects included:

- Main Avenue Streetscape Design, Clifton, NJ. Secured grant-funding and subsequently developed a streetscape redesign for a 25 block inner city retail strip. In addition set up funding for a Special Improvement District, Facade Restoration Program and wrote the Main Avenue Overlay Zone to set special facade and sign regulations.
- Landscape Design plans for Talleyrand, a 25 unit residential subdivision in Tarrytown, NY, American Enterprise Park, a R&D park in Morris Plains, NJ, Woodbury Senior Center in Jericho, Long Island, E.I. Dupont & DeNemours Co. manufacturing site in Sayreville, New Jersey.
- *Sign Design Manual* for the Town of Cortlandt, NY. This was a town-wide sign design manual illustrating code requirements and recommended design guidelines which won the 1999 Westchester Municipal Planning Federation (WMPF) award.
- Design Review Consultant, City of Clifton, NJ, Planning Board and Zoning Board of Adjustment from 1993-2005. Consulting Township Planner for Lyndhurst, NJ, provided planning consulting services to the Planning Board and Zoning Board of Adjustment from 1988-1992.
- Hird Park, Clifton, NJ. Secured grant funding, designed the park renovations, and provided construction supervision.
- Continental View, Mamaroneck, NY. Prepared conceptual site plan, visual impact analysis (for SEQR) and subsequent landscape plan for housing and park development.

1993-1999

Commissioner of Planning, Town of Greenburgh, NY. Commissioner of the Department of Community Development and Conservation (part-time appointment). Managed staff of four with responsibility for all land use issues in the largest town in Westchester County. Responsibilities included coordinating actions of the Town Board, Planning Board, and Zoning Board, managing

STEPHEN LOPEZ, AICP, RLA, CLA

Director of Design and Development

SEQR, compliance with New York State Town Law and the local Zoning Code. In addition, all grant work, particularly the \$300,000 annual CDBG program, was managed as well as special projects.

Accomplishments included:

- Initiated town-wide Comprehensive Plan in 1996 (completed in 2003)
- Coordinated review of 75-125 development proposals and zoning amendments per year, many with multiple board jurisdictions and community issues
- Developed Affordable Housing code, based on income guidelines, which won the 1998 WMPF planning award and support of Westchester Housing Commission
- Wrote Conservation District overlay code that provides for preservation of fifty percent of all natural areas on underdeveloped tracts, applied to 900 acres.
- Computerized office, developed Greenburgh Planning Department website
- Established a Farmers Market in Hartsdale and a town Tree Donation program
- Coordinated purchase of 123 acre Gaisman Estate as a town park, now the Hartsdale Arboretum

1987-1988

Senior Planner, The Hudson Partnership, Inc., East Brunswick, NJ. Site planning and design services were provided for clients with retail, office and residential developments throughout northern New Jersey, New York City and Westchester County.

Accomplishments included:

- Prepared conceptual designs for numerous development proposals such as the 125+ residential unit subdivision on the Miller Tract in Piscataway, NJ
- Prepared a landscape ordinance for Washington Township, NJ
- Prepared landscape design for Windsong on the River, a subdivision in East Brunswick, NJ

1986-1987

Senior Planner, Buckhurst Fish Hutton Katz, New York, NY. Prepared master plans, zoning ordinances, regional development plans and subdivision and site plans. Reviewed development projects for municipal boards. Also managed the preparation of several major environmental impact statements.

Accomplishments included:

- Analysis of tourism sites owned and managed by the Rockefeller Brothers Fund for a Tourism Master Plan of the Hudson River Valley, NY.
- Project director for DEIS on transformation of former Willowbrook hospital site to Staten Island Developmental Center (SIDC) and College of Staten Island campus.
- Project coordinator for planning and preparation of EIS for a 520 unit cluster subdivision on FDR Jr.'s farm known as Dalton Farms, Beekman, NY.

1977-1986

Cornell University Sea Grant Program, NYC and Hudson River Valley Offices. Interpreted and disseminated program funded research results, conducted applied research, and organized educational programs on various waterfront planning issues. Worked with local governments and environmental and business organizations to develop and implement waterfront improvements.

STEPHEN LOPEZ, AICP, RLA, CLA

Director of Design and Development

Accomplishments included:

- Coordinated the first regional scenic quality conference in the Hudson River Valley with Scenic Hudson, a regional not-for-profit organization, and co-edited proceedings.
- Organized Hudson River Marine Trades Associations, trade group of marine oriented business.
- Authored *Coastal Design with Natural Processes*, Technical Information Bulletin. Published by the American Society of Landscape Architects.

1973-1977

Planner, NYC Department of Parks & Recreation, New York, NY. Designed park improvements in the Design Division, and subsequently worked in the Construction Division supervising park and street tree installations. Also worked in Capital Projects Division conducting planning studies of capital improvements needs for park and recreation facilities, assisting in preparation of the capital budget and representing the agency before Community Planning Boards. Accomplishments included:

- Prepared design plans for various City park and parklet improvements.
- Conducted study of fee impact on users and circulation at the Central Park Zoo.
- Supervised various stages of selection, siting and planting of 15,000 street trees in the Bronx and Manhattan.
- Coordinated preparation of the draft annual \$35 million agency capital budget in consultation with various division heads and Community Planning Boards.
- Presented Agency proposals to Community Planning Boards.

PROFESSIONAL AFFILIATIONS

- Member, American Institute of Certified Planners
- Registered Landscape Architect, New York State
- Certified Landscape Architect, New Jersey

VOLUNTEER ACTIVITIES

- Member, Pleasantville Planning Board

STEVEN A. MARINO, PWS

Senior Environmental Planner/Wetland Ecologist

EDUCATION

Southampton College of Long Island University, B.S. Marine Science/Biology, 1984
Skidaway Oceanographic Institute, Savannah, Georgia, Internship

EXPERIENCE

1997 to Present

Senior Environmental Planner/Wetland Ecologist, Environmental Division, TIM MILLER ASSOCIATES, INC. Responsible for environmental impact analysis, wetland and ecological studies, wetlands delineation, wetlands mitigation, New York City watershed policy analysis and expediting. Active or recent projects include the following:

- ◆ Briar Hall Golf Course; Briarcliff Manor, wetland studies, stream analyses, SPDES permit applications.
- ◆ French Hill Golf Course; Yorktown, wetland delineation, local, state and Federal criteria; impact assessment, habitat assessment; salamander survey; wetland creation program, stream disturbance, Lake Mohansic water taking evaluation, phytoplankton studies, Draft and Final EIS.
- ◆ Family Golf Center; Yorktown, wetland creation, design and inspection.
- ◆ Fairview Farms Subdivision, Yorktown, wetland delineation, local and Federal, wetland mitigation plan.
- ◆ Ginsburg Development, Yonkers, ACOE wetland application, Nationwide and individual permits.
- ◆ Yorktown Retail Center, Federal and local delineations, functional wetland impact analysis, mitigation planting scheme.
- ◆ Hollow Brook Golf Course, golf course/condominium, Cortlandt, wetland, wildlife and Peekskill Hollow Brook Assessment, Draft/Final EIS, wetland mitigation design and implementation, wildlife management plan with emphasis on wood turtle.
- ◆ Carmel Corporate Park, wetland delineations, stream corridor assessment, Draft/Final EIS.
- ◆ Windsor Farms, Town of Somers, wetlands delineations and analyses.
- ◆ Somers Estates Subdivision, Town of Somers, proposed subdivision, wetland and buffer functional analysis and mitigation plan.
- ◆ Greens at Chester, New Windsor, 400-unit condominium development, ACOE wetland delineation and nationwide permits, Final EIS.
- ◆ White Birch Subdivision, Town of Fishkill, wetlands delineations and habitat evaluation.
- ◆ Abee Rose Subdivision, Cortlandt, wetlands delineations, ecological assessment, bog turtle survey.
- ◆ Fairway subdivision, Town/Village of Harrison, wetland assessment, wildlife survey, Draft EIS.
- ◆ Hunterdon County, New Jersey, wildlife habitat evaluation on 184 acre site, site specific survey for wood turtle and cliff swallow.

STEVEN A. MARINO, PWS

Senior Environmental Planner/Wetland Ecologist

2000 to present

Vice President, Wetland Mitigation, Inc. Director of daily activities of firm created for the design and implementation of wetland creation, restoration and enhancement projects in the Hudson Valley. More than 20 acres of created wetlands are currently under construction or actively being monitored as a condition of federal state and local wetland permits.

1993 - 1997

Senior Environmental Scientist, New York City Department of Environmental Protection. Project review and analysis of proposed development within New York City's watershed. Includes review of Environmental Impact Statements, stormwater management plans, septic system feasibility and design, erosion and sedimentation control plans, impacts to wetlands and other critical areas in the watershed. Coordinate with Town Planning Boards, Town Boards, Wetland Officers, etc. DEP representative to Putnam County Water Quality Strategy Committee.

Wetlands Inspector: Town of Philipstown, New York. Review and evaluate development proposals affecting inland wetlands and watercourses. Provide project evaluations and technical reviews in an advisory capacity to local Planning, Zoning, and Town Boards.

1988 - 1993

Environmental Analyst, City of Stamford, Connecticut. Provided technical support to the Stamford Environmental Protection Board in its role as Inland Wetland Agency, Conservation Commission, Flood and Erosion Control Board, and Aquifer Protection Agency. Environmental advisor to other City departments and commissions. Designated representative to the Intergovernmental Mianus River Watershed Advisory Committee.

1987 - 1988

Biologist:, Cherenzia & Associates, Westerly, Rhode Island. Consulting wetland biologist and project manager for civil engineering firm specializing in wetland and coastal consulting. Participated in subdivision design and site planning.

1985 - 1987

Research Assistant, EPA, Environmental Research Laboratory, Ecosystems Analysis Branch, Narragansett, Rhode Island.

PUBLICATIONS

D. Borchert, S. Marino, et al, 1996. "Evaluation of Non-point Source Pollutant Removal by Best Management Practices," Proceedings of the AWRA Session on New York City Water Supply Studies, Watershed Restoration Management Summer Symposium.

W. Wechsler, S. Marino, et al, 1996. "Measuring and Modeling Urban Stormwater Runoff, Suspended Sediment, and Nutrient Loading in Westchester County: Preliminary Results, " *ibid.*

PRESENTATIONS

New York State Wetlands Forum, "Wetland Regulations and Golf Course Design," 2003.

PROFESSIONAL AFFILIATIONS

Certified Professional Wetland Scientist #1046, National Society of Wetland Scientists

Member, Society of Wetland Scientists

Member, New York State Wetlands Forum

FREDERICK P. WELLS, RLA

Senior Vice President
Senior Environmental Planner / Registered Landscape Architect

EDUCATION

University of Connecticut at Storrs, Bachelor of Science:
Environmental Horticulture / Landscape Design, 1980

State University of New York at Delhi, Associate of Applied Science:
Planning and Community Development, 1974

Environmental Audits & Site Assessments: Rutgers University
Environmental Compliance Assessment: US Army Environmental Center
NEPA Implementation: US Army Logistics Management College
Federal Methodology for Delineating Wetlands: Rutgers University

EXPERIENCE

1997 to Present

Senior Planner / Landscape Architect, TIM MILLER ASSOCIATES, INC. Mr. Wells has over 30 years' experience in the environmental design disciplines. He is responsible for project management and technical leadership relating to site design, landscape design, wetland mitigation planning, land use, zoning, and land development programs. Mr. Wells develops strategies for achieving project objectives and obtaining the necessary permits, coordinates and manages project staff and team consultants, represents clients at public hearings, and provides expert guidance in the development review and approval process.

Mr. Wells is well respected for his innovative and effective environmental design programs including wetland impact mitigation, visual impact mitigation, and construction monitoring. He provides environmental planning expertise through writing and production of environmental impact statements, development feasibility studies, and land use and zoning assessments. Mr. Wells is instrumental in achieving successful outcomes in environmental litigation. As a registered landscape architect, Mr. Wells provides land planning and site design expertise in site development planning, subdivision layouts, grading and planting plans, tree preservation plans, and impact mitigation plans. Mr. Wells is experienced with various visual impact assessment techniques. His experience includes on-site environmental compliance inspections and broad interface with regulatory agencies. Project involvement with TMA clients includes the following:

- ◆ Golden Triangle Mixed-Use Development, Walkkill, New York. Project manager in charge of environmental review documents for a mix of uses on 93 acres of land, including 550,000 square feet of commercial/retail space, a 90-unit residential component, and a new interchange onto Interstate 86.
- ◆ Fairways Condominiums, Walkkill, New York. Project manager for detailed environmental assessment of 217 unit upscale gated community, including noise and visual analyses, assessment of effects on neighborhood character, and thorough demonstration of zoning conformance.
- ◆ Rolling Meadows Subdivision, LaGrange, New York. Project manager for full environmental review of a 133 unit residential subdivision, obtaining approval of a cluster plan that preserves a significant portion of the site's natural resources.
- ◆ Somers, Greenburgh, Katonah-Lewisboro, Tuckahoe School District Environmental Reviews. Project manager for a variety of school expansion projects, assisting Districts to comply with New York State requirements for environmental review, including assessment of potential impacts, production of environmental documents, presentation of projects in public meetings, and development of mitigation solutions to project impacts. Extensive involvement with project architects, engineers and attorneys.

FREDERICK P. WELLS, RLA

Senior Vice President

Senior Environmental Planner / Registered Landscape Architect

- ◆ Commercial/Retail Centers, Various Sites in the Hudson Valley, New York. Project team coordination to produce environmental impact statements, wetland mitigation plans, habitat protection plans, archaeological site preservation plans, aquifer protection plans, and traffic mitigation plans for a number of proposed development projects located in urban, suburban and semi-rural settings. Facilitate consideration of design alternatives to mitigate environmental concerns and advocate project merits to obtain approvals.
- ◆ Trump National Golf Club, Briarcliff Manor, New York. Project environmental planner and landscape architect. Manage project team to produce environmental impact statement (EIS) for reconstruction of aging golf course and development of exclusive residential component. Coordinate meetings with local boards and officials to obtain approvals of environmental, engineering, and architectural program. Coordinate preparation of visual perspective renderings using photo-simulation techniques, illustrative sight line drawings, and presentation graphics. Effect approvals of tree preservation plans, landscape planting plans for the golf course and residential component, landscape treatments associated with increased visibility, and of a detailed management program for water hazards including buffer and littoral zone planting. Supervise implementation of planting.
- ◆ High Point Village, Ryebrook, New York. Prepare wetland mitigation plans for the creation of new wetland habitats surrounding water quality detention basins on this proposed 140-acre residential planned unit development.
- ◆ Cortlandt Town Center, Cortlandt Manor, New York. Monitor the implementation of constructed wetland mitigation areas and stormwater management facilities as the compliance inspector for the Town. Coordinate design revisions to accommodate grading and drainage changes during construction of the 800,000 sf retail facility.
- ◆ French Hill Golf Club, Yorktown, New York. Develop a series of visual assessments of potential views to a proposed golf facility from the Taconic State Parkway, a designated scenic highway, prepare detailed visual impact assessment, and present at public hearings.
- ◆ Philipstown Planning Board Consultations, Philipstown, New York. Review subdivision and site plan applications submitted to the Planning Board for zoning compliance and provide direction and recommendations on various planning issues to the Board. Prepare bond estimates.
- ◆ Gateway/Fairways Mixed Use Development, Carmel, New York. Prepare written and graphic assessments of visual conditions and potential visual impacts of a hillside development of commercial, retail and residential sites.
- ◆ Britain Woods, Town of Newburgh, New York. Participate in project team conceptual planning, assess zoning conformance and establish parameters for extensive list of variances to obtain zoning approval for innovative, upscale condominium development. Manage production of EIS and presentation of the project before the public to obtain approvals.

1993 to 1997

Environmental Program Manager, US Army Corps of Engineers & JM Waller Associates, Inc. Queens, New York. Independent contractor for ACOE responsible for managing the environmental regulatory compliance program, monitoring and reporting, and hand-on assistance at 88 US Army Reserve facilities of the 77th Regional Support Command in New York State and New Jersey.

- ◆ Environmental Program Management, US Army Reserve, New York and New Jersey. Establish and manage \$3.4 million annual budget for planning and programming environmental compliance projects to evaluate, design, manage and restore 88 Federal facilities in NY and NJ. Initiate fund requests with Reserve Command in Atlanta, substantiate and lobby to obtain program funding, and coordinate and evaluate project progress. Projects include hazardous material/hazardous waste storage facility upgrades, spill cleanup, national defense site restoration, chemical inventories, and toxic substance surveys, Clean Water projects, storage tank closures and upgrades, and

FREDERICK P. WELLS, RLA

Senior Vice President

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stormwater permitting. Review and comment on CERCLA documents prepared for site cleanup and restoration actions. Review and comment on NEPA documents prepared for Federal actions.

- ◆ Environmental Compliance Audits, US Army Reserve Facilities, New York State. Conduct internal environmental compliance audits and review contracted audits for Reserve facilities. Regularly monitor facility activities and assist facility and Command staff in upgrading management practices and physical plant to comply with all applicable Federal, State, and local environmental regulations.
- ◆ Real Estate Transaction Screens, US Army Reserve Facilities, New York and New Jersey. Perform site reconnaissance, interviews and background research and prepare site audit reports for use in Federal property transactions.

1984 to 1993

President, Wells & Carruth Landscape Architects, PC. Carmel, New York. Landscape architect and corporate officer responsible for all aspects of professional practice including marketing, business administration, project staffing and management, and preparation of construction documents. Provide expert testimony for litigation of approvals under Article 78 and litigation associated with construction conformance with approved plans. Field experience in visual impact assessments, natural resource inventories, and construction inspection. Project involvement included the following:

- ◆ Stratford Farms Environmental Impact Statement, Poughkeepsie, NY. Research, write, and assemble EIS for a 185-lot residential subdivision on an 89-acre parcel. Coordinate project team efforts throughout the review of subdivision plans and environmental issues by Town, County, and State agencies, including a soil testing program for orchard pesticides. Design numerous alternative subdivision designs for impact mitigation and presentations at public meetings. Develop a mixed density plan that ultimately won approval.
- ◆ Visual Impact Analysis and EIS for WEOK Broadcasting Corp., Lloyd, NY. Assess potential visual effects of a proposed AM radio five-tower complex using photographic simulation of post-development views and a visual impact rating method developed by partner, Carruth. Prepare EIS concentrating on land use and visual impact issues and complete the NYS SEQR process. Prepare and provide documentation and expert testimony for subsequent litigation to win a court decision overturning the local denial based on unsubstantiated aesthetic grounds.
- ◆ Queens Zoo, New York City Department of Parks and Recreation and NY Zoological Society, Queens, NY. Develop conceptual designs for animal exhibits, prepare construction cost estimates, prepare renderings and participate in building a scale model for complete reconstruction of a 15-acre urban zoo dedicated to exhibition of North American animals. Develop specialized habitats for individual animal species including rockwork, fencing systems, visitor viewing stations, and detailed plant species lists for marshland waterfowl, black bear, wolves, bobcat, and bison habitats and a sea lion pool.
- ◆ Hillside Terrace Apartments Site Plans, Poughkeepsie, NY. Prepare and process EIS for a 120-unit apartment complex through to approval. Redesign engineer's site layout, grading, lighting, planting, and erosion control plans to complete the site plan approval process.
- ◆ Salem Ridge Development, Mahopac, NY. Conduct site surveys to identify and map existing sensitive environmental features, including trees, rock outcrops, and stone walls, to increase the land values of several proposed single-family subdivisions. Design alternative subdivision layouts to preserve valuable site features on plans during the review process to obtain local approvals.
- ◆ NYS Electric and Gas Corp. Gasline Expansion, Brewster, NY. Review engineering designs and make recommendations for protection of natural resources associated with potential impacts from construction of new gas lines in the Village of Brewster. Monitor gas line installations in environmentally sensitive areas, including directing protective measures in and adjacent to wetlands and large street trees. Provide construction inspection reports for reporting to the municipality.

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Senior Vice President

Senior Environmental Planner / Registered Landscape Architect

- ◆ Lake Carmel Beach Improvements, Town of Kent, NY. Design lake edge and beach improvements to control erosion and drainage and enhance beach facilities at five semi-public beaches in Lake Carmel Park District. Obtain permits for improvements to recreation facilities, and lakeside erosion stabilization.
- ◆ Veterans Memorial Park Improvements, Town of Patterson, NY: Design and obtain permits for improvements to ballfields, drainage, the pondscape design and maintenance, and other park facilities in Veterans Memorial Town Park.
- ◆ Commercial Streetscape Visual Study for Town of Beekman, NY. Conduct inventories of existing land uses and streetscape visual resources within three existing commercial corridors. Write and illustrate a sketch book of recommendations for emphasis or changes in the Town's Master Plan Update and Zoning Ordinance.
- ◆ Katonah-Lewisboro Schools, Lewisboro, NY. Provide full landscape architectural services for redevelopment and new construction at several properties in the School District. Assess feasibility, develop preliminary and final designs, and estimate costs of improvements for District facilities, including running tracks, ball fields and other athletic facilities, campus parking and circulation, and remedial drainage improvements. Prepare bid drawings and contract documents, coordinate contract change orders, and conduct inspections during construction.
- ◆ New York Botanical Garden, Institute of Ecosystem Studies, Millbrook, NY. Lead instructor and instructional coordinator for team teaching of introductory level ecology-based landscape design certificate program.
- ◆ Environmental Site Assessments and Wetland Delineations. Various properties in Mid Hudson Valley area. Conduct site vegetation survey and coordinate with soil scientist's survey to delineate and document site wetlands. Locate, flag and document wetland boundaries using Town, State and Federal wetland criteria for use in planning residential and commercial development proposals. Prepare site sensitivity assessment reports to document potential impacts of site use and re-use. Conduct vegetation and wildlife habitat surveys and impact assessments, including documentation of rare and endangered species. Coordinated archaeological survey consultants for numerous properties during environmental review process.

1980 to 1984

Site Designer, Kane & Carruth, Landscape Architects, PC. Pleasantville, New York. Responsible for design development of site construction plans, drafting contract drawings, construction detailing, landscape rendering, writing specifications, photo-documentation, report writing, and illustrating for a number of site development projects. Coordinated with NYC Parks Department and NY Zoological Society during design development of several City parks, including coordinating the preliminary design team for rehabilitation of the Queens Zoo. Participated in construction of a scale model of the Zoo design, and conducted literature research and data collection including implementing user surveys for several planning studies.

1977 to 1980

Planning Technician, Drafting and Graphics, Brown, Donald & Donald Planning Services, Inc. Farmington, Connecticut. Responsible for environmental data collection, production of presentation graphics and reports, and design/drafting of site construction drawings. Team participant as project representative at public meetings, field survey technician, and computer technician. Prepare master site development plans and site design plans for Farmington Industrial Park Corporation for industrial, office, and research facilities at five prestigious industrial parks in Central Connecticut.

PROFESSIONAL AND CIVIC AFFILIATIONS

Registered Landscape Architect, New York license

FREDERICK P. WELLS, RLA

Senior Vice President

Senior Environmental Planner / Registered Landscape Architect

American Society of Landscape Architects

American Planning Association

Former Chairman, Town Planning Board, Kent, New York



JOHN COLLINS ENGINEERS, P.C.

SCOPE OF SERVICE



COMPANY OVERVIEW

The discipline of Transportation and Traffic Engineering involves the investigation, study, and evaluation of existing and/or proposed transportation networks. The construction of new large-scale developments often affects pre-existing traffic patterns and system capacity through the generation of new traffic, the result of which may require a new, unique but efficient traffic system. Given this basic premise of site development, it is critical to determine the scope and scale of system needs from future demands on an existing roadway network. Along with the examination of traffic impact and potential pattern changes, other components involved with the overall transportation engineering solution include the parking schematic, highway and signal design, and noise impact evaluations.

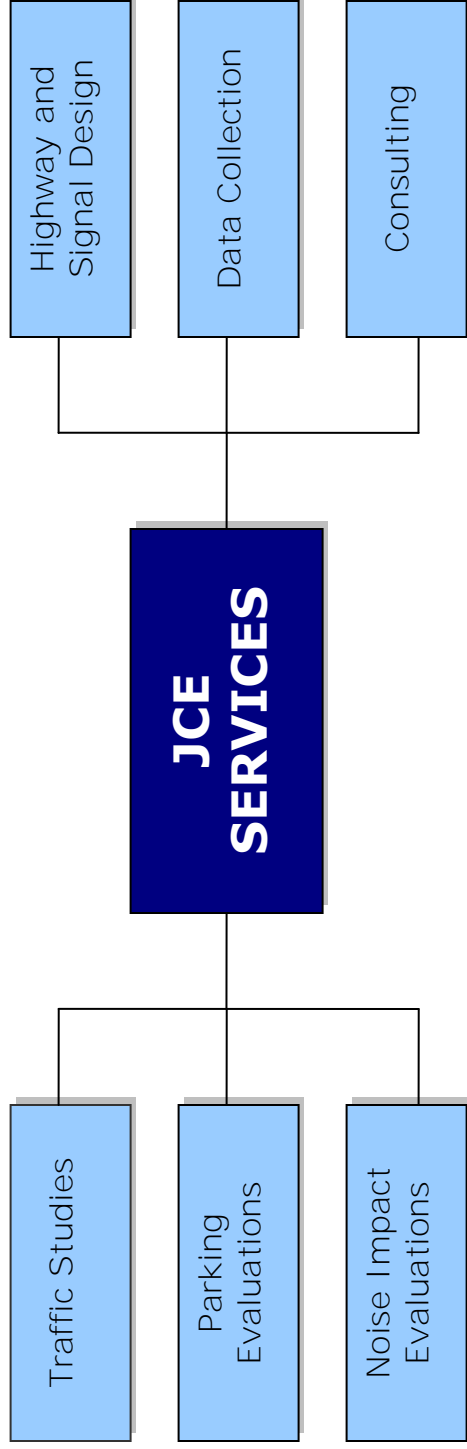
For over 25 years, John Collins Engineers, P.C. (JCE) has provided Transportation and Traffic engineering services for numerous projects throughout the nation. JCE has a team of experienced engineering professionals who specialize in the evaluation and design associated with transportation and traffic for both small and large-scale developments. Located in Hawthorne, NY in Westchester County, our office is centrally located in the tri-state area with easy access to the major NY-area airports.

We approach each project from an individual perspective while applying a consistent methodology to investigating and solving complex transportation engineering problems. Based on the needs of the development, we are capable of conducting detailed Traffic & Transportation Impact studies, Parking Studies, Highway and Signal Design, Traffic Calming Studies and Design as well as Noise Impact Evaluations. We are skilled in preparing highly detailed and technical analyses of each development plan, and in forecasting traffic models to allow for growth and expansion.

In addition to working for private companies on individual developments, we also offer special consulting services to State Departments of Transportation, County Highway Departments, and local municipalities.

CORE CAPABILITIES

JCE provides a total solution for safe and efficient traffic and transportation operations utilizing the following areas of expertise:



CORE CAPABILITIESTransportation and Traffic Impact Studies

Proposed developments generate new, and sometimes unique, traffic patterns that often affect an existing roadway system. Detailed studies are conducted to address the impact traffic from proposed developments will have on the adjoining roadway network.

Studies typically include:

- Assessment of existing roadway conditions in the vicinity of a proposed development
- Estimates of the trip generation and the arrival and departure distributions of site traffic on the roadway network
- Identification of constraints in the existing traffic system by conducting capacity/level of service analyses

We evaluate the feasibility of implementing project improvement recommendations according to cost and environmental constraints to ensure safe and efficient roadway/intersection operation to address existing conditions and/or conditions upon completion of proposed developments.

Highway and Traffic Signal Design

These services include the preparation of design plans and specifications for approval by appropriate municipalities, county or state agencies. The detailed design plans generally include layout, grading, utilities, signing and striping plans and maintenance and protection of traffic plans. Other plans include traffic calming layout plans and detailed traffic signal design plans. We utilize complete Computer Aided Design (CAD) capabilities for design execution.

CORE CAPABILITIESParking Studies

These studies examine on-site and off-site parking utilization demand. The on-site parking requirements of new developments and/or of existing developments are investigated prior to their upgrading or expansion. These parking studies take into account the layout of the development with respect to on-site circulation and generally provide design recommendations to ensure safe and efficient operation. Similar parking duration and utilization studies are conducted for municipalities. The primary purpose of these studies is to recommend strategies for improving the parking efficiency through the implementation of new signing, regulations and enforcement. If new facilities are required to meet demands, conceptual design alternatives are then developed.

Noise Impact Evaluations

These studies address transportation related noise impacts associated with proposed developments and resulting traffic generation. We use current state-of-the-art-modeling techniques to conduct each evaluation. Two sound level meters are used, one of which provides octave band data collection capabilities.

Consulting Services

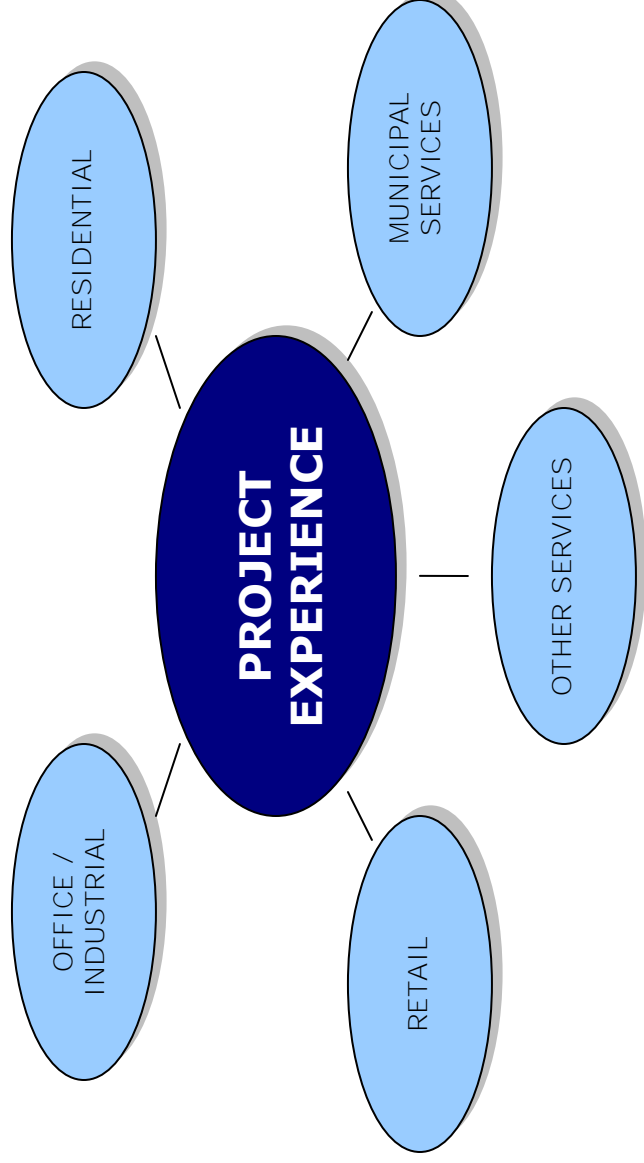
We offer special consulting services to municipalities for assessing the traffic impact associated with large scale developments. In this area, services normally involve providing assistance and transportation related advice to Town Boards or Planning Boards having jurisdiction within the municipality. We also provide services to the New York State Department of Transportation, Westchester County Department of Public Works, the Orange County Department of Public Works and numerous municipalities. Consulting services typically include both transportation planning and design services.

CORE CAPABILITIESData Collection

The firm uses state-of-the-art equipment for data collection. The equipment owned and utilized by the firm includes both manual and machine traffic counters. The counters include ten (10) Denominator full movement manual counters, one (1) JAMAR DB-400 Electronic Intersection Counter, four (4) JAMAR **TRAX II Automatic Traffic Recorders (ATR's)**, and **six (6) JAMAR TRAX Plus HS ATR's**. The machine counters also offer volume/speed and vehicle classification data collection. Video cameras are used to record a permanent record of field conditions and radar equipment is used for speed studies.

PROJECT EXPERIENCE

JCE has great depth of experience across a wide-range of development sectors. Numerous projects tap into the combined expertise of JCE to achieve particular project goals.



PROJECT EXPERIENCERetail

- Galleria at Crystal Run, Wallkill, NY – Traffic Studies; Signal and Highway Design Plans
- Mall of America, Bloomington, MN – Traffic and Parking Studies
- Carousel Center, Syracuse, NY – Traffic Study, Signal and Highway Design Plan
- Poughkeepsie Galleria, Poughkeepsie, NY – Traffic and Noise Studies; Signal and Highway Design Plan

Office / Industrial Parks and Institutions

- Baxter Distribution Center, Montgomery, NY – Traffic and Noise Studies; Signal and Highway Plan Designs
- Bedford Business Park, Bedford, NY – Traffic and Noise Studies
- Brook Trust Industrial Park, Newburgh, NY – Traffic and Noise Studies; Highway Plan Design
- Northern Westchester Hospital, Mt. Kisco, NY – Parking Study
- Orange Regional Medical Center, Wallkill, NY – Traffic Study, Signal and Highway Plan Designs
- i.park Lake Success, North Hempstead, NY – Traffic, Noise, and Parking Studies; Signal Plan Design
- Solomon Shechter High School, Greenburgh, NY – Traffic Study; Highway Plan Design
- South Westchester Executive Park, Yonkers, NY – Traffic Study, Signal and Highway Plan Designs

PROJECT EXPERIENCEResidential / Mixed Use

- Belle Fair, Rye Brook, NY – Traffic Study
- Portside Condo Development, Jersey City, NJ – Traffic and Parking Studies
- Anchorage-on-Hudson Development, Newburgh, NY – Traffic and Noise Studies
- Winding Ridge, Greenburgh, NY – Traffic and Noise Studies
- Avalon Residential Development, Clarkstown, NY – Traffic and Noise Studies
- Fairways Development, Walkill, NY – Traffic Study and Highway Design Plans

Other Services

- Hudson National Golf Club, Croton-on-Hudson, NY – Traffic and Noise Studies; Highway Plan Design
- Justification Report for I-84 Bridge Crossing, Walkill, NY – Traffic Study; Highway Plan Design
- Chappaqua Library Expansion, New Castle, NY – Traffic Study

Municipal Services

- Consultant to City of Yonkers – Traffic Signal Design and Project Reviews
- New Windsor (NY) Planning Board – Traffic Impact Reviews
- Orange County (NY) Department of Public Works – Intersection and Signal Plan Design
- Town of North Salem Planning Board – Traffic Impact and Design Reviews
- Town of Yorktown Town Board – Traffic Calming Studies and Design
- Village of Dobbs Ferry – Traffic Impact Reviews
- Village of Chester – Traffic Impact Reviews
- Westchester County (NY) Department of Public Works – Traffic Signal Improvement Plans

EXECUTIVE BIOS**Dr. John Collins, President**

Dr. Collins is experienced in all aspects of Transportation and Traffic Engineering and has directed a variety of transportation studies and design efforts over the course of his career. In 1981, Dr. Collins founded John Collins Engineers, P.C., a firm specifically geared toward providing transportation engineering services for private commercial and residential developments. As a Transportation Consultant to Raymond Keyes Engineers, P.C. from 1971 through 1981, Dr. Collins supervised, authored, and presented numerous Traffic Impact Studies for large commercial developments throughout the country. An accomplished professor, Dr. Collins is currently Chairman of the Engineering Science Program and Professor of Civil Technology at Westchester Community College. Dr. Collins received his undergraduate engineering degree from Manhattan College, his Masters from Columbia University, and his PhD from New York University. He is also a member of the Institute of Transportation Engineers and the National Society of Professional Engineers.

Dr. Philip J. Grealy, Vice President

Since joining John Collins Engineers Dr. Grealy has directed traffic and transportation studies associated with numerous projects including major residential, office and shopping center developments. He is responsible for overall project coordination including budgeting, cost control and quality assurance, along with facilitating communication with federal, state and local agencies. As a Project Manager with the Polytechnic University, Dr. Grealy supervised **several research projects including the FHWA Research Contract "Tire-Pavement Noise Assessment Procedure"**. Stemming from this experience, he has become versed in noise and traffic data acquisition in the field and laboratory. Dr. Grealy received his undergraduate degree from Manhattan College-B.E. (Civil), graduate degree from Polytechnic Institute of New York - M.S. Transportation Planning and Engineering, and his PhD from Polytechnic University. He currently holds memberships with the Institute of Transportation Engineers, the American Society of Civil Engineers, the Transportation Research Board, the Acoustical Society of America, and the National Society of Professional Engineers.

CONTACT INFORMATION

Please contact us for additional information.

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Hawthorne, NY 10532
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Fax 914.347.7266
JCENG1@aol.com

JOHN T. COLLINS, PH.D., P.E.

EDUCATION: Manhattan College (B.E. Civil, 1965)
Columbia University (M.S.C.E., 1967)
New York University (Ph.D., 1971)

PROFESSIONAL EXPERIENCE: 47 Years

John Collins Engineers, P.C. - President
Raymond Keyes Engineers, P.C. - Transportation Consultant

PROFESSIONAL REGISTRATION:

Licensed Professional Engineer in New York, New Jersey and Connecticut.

PROFESSIONAL AFFILIATIONS AND ACTIVITIES:

Member: Institute of Transportation Engineers
National Society of Professional Engineers
Chi Epsilon

HIGHLIGHTS OF EXPERIENCE:

Dr. Collins is experienced in all aspects of Transportation and Traffic Engineering and has directed a variety of transportation studies and design efforts.

In 1981, Dr. Collins formed John Collins Engineers, P.C., a firm specializing in the transportation studies and design areas specifically geared toward providing services for private commercial and residential developments.

He is currently Professor of Civil Technology and Chairman of the Engineering Science and Engineering Technology Programs. He also has served as an Adjunct Associate Professor in the graduate Transportation Engineering Program at Manhattan College.

Dr. Collins has appeared as an Expert Witness for numerous transportation projects throughout the United States.

PHILIP J. GREALY, PH.D., P.E.

EDUCATION: Manhattan College - B.E. (Civil), 1977
Polytechnic Institute of New York -
M.S. Transportation Planning and Engineering, 1980
Polytechnic University - Ph.D., 1999

PROFESSIONAL EXPERIENCE: 35 Years

John Collins Engineers, P.C. - Vice President
Polytechnic Institute of New York -
Transportation Engineer/Project Manager
Raymond Keyes Engineers, P.C. - Project Engineer
Blauvelt Engineering Company - Junior Engineer

PROFESSIONAL REGISTRATION:

Licensed Professional Engineer in New York, New Jersey, Connecticut, Delaware, and Pennsylvania

PROFESSIONAL AFFILIATIONS AND ACTIVITIES:

Member: Institute of Transportation Engineers (1974)
American Society of Civil Engineers (1973)
Transportation Research Board (1980)
Acoustical Society of America (1998)
National Society of Professional Engineers (1983)
Sigma Xi

Author: Author/co-author of several research reports and articles.

HIGHLIGHTS OF EXPERIENCE:

Dr. Grealy is experienced in all aspects of Transportation Traffic Engineering and has served as Project Manager on a variety of transportation study, design and research projects. He has extensive experience in the use of traffic engineering software packages including SYNCHRO, NETSIM, HCS, etc.

Dr. Grealy has directed traffic and transportation studies associated with numerous projects including major residential, office and shopping center developments. He is responsible for overall coordination of the projects including budgeting, cost control and quality assurance. He has interacted successfully with a variety of agencies on the federal, state, and local levels. He is currently responsible for the overall project coordination and daily activities of the firm.

Dr. Grealy frequently appears as an Expert Witness for transportation and noise related projects. Dr. Grealy also assists municipalities in reviewing transportation studies and related improvement projects.

During the past experience as a Project Manager, at the Polytechnic University, Dr. Grealy supervised the day activities of several research projects including FHWA Research Contracts.

A. PETER RUSSILLO, P.E., PTOE

EDUCATION: Manhattan College
Master of Engineering (Transportation), 1984

Manhattan College
Bachelor of Engineering (Civil), 1980

PROFESSIONAL EXPERIENCE: 39 Years

John Collins Engineers - Project Manager
Storch Engineers – Assistant Project Manager
Frederick P. Clark Associates - Senior Trans. Engineer
King and Gavaris Engrs. - Senior Engineer
Raymond Keyes Engineers - Project Engineer

PROFESSIONAL REGISTRATION/CERTIFICATION:

Licensed Professional Engineer in New York, 1983
Professional Traffic Operations Engineer, 2007

PROFESSIONAL AFFILIATIONS:

Member: American Society of Civil Engineers
Institute of Transportation Engineers
National Society of Professional Engineers

Affiliate Member: Transportation Research Board

PUBLICATIONS:

"Video Arcade Traffic and Parking", ITE Journal, December 1983, co-author

HIGHLIGHTS OF EXPERIENCE:

Mr. Russillo has been responsible for the development of preliminary and final roadway improvement and traffic signal plans as well as for the preparation and presentation of numerous traffic and transportation studies for a variety of land use types including regional shopping malls, residential subdivisions, hotels, office complexes, etc. He also has extensive experience in assisting local governments in achieving their transportation planning goals through the preparation of local master plans.

Mr. Russillo has a working knowledge of traffic engineering and highway design software including PASSER, HCS, Survey, SYNCRO, etc.

He is a former chairman of his community's planning board and is a former elected official as a Village Trustee (Deputy Mayor). He has also served as a member of the Board of Directors of the Pelham Family Service and as a member of the Board of Directors of the Pelham Art Center.

RONALD P. RIEMAN

EDUCATION: Manhattan College
B.E. (Civil Engineering), 1987

PROFESSIONAL EXPERIENCE: 26 Years

John Collins Engineers, P.C. - Project Engineer

PROFESSIONAL AFFILIATIONS:

Associate Member: Institute of Transportation Engineers

Associate Member: American Society of Civil Engineers

HIGHLIGHTS OF EXPERIENCE:

Mr. Rieman has been responsible for the preparation of numerous traffic and transportation studies for a variety of land use types. His responsibilities include the preparation of reports including trip generation, capacity analysis and recommendation of improvement plans for development for private development clients. He assists municipal clients in SEQRA and Site Plan reviews. He has also been involved in the preparation of Interchange Justification Reports and is responsible for interaction with other consultants for compiling such studies as well as DEIS and FEIS preparation. As part of his interaction with NYSDOT for Highway Work Permits, he is responsible for preparation of Highway Safety Investigation Reports.

He is also experienced in the use of several modeling software programs including the Highway Capacity Software (HCS) and SYNCHRO.

RICHARD G. D'ANDREA, P.E.

EDUCATION: University of Delaware
B.E. (Civil Engineering), 2007
Polytechnic Institute of NYU
M.S. Transportation (January 2012)

PROFESSIONAL EXPERIENCE: 6 Years

John Collins Engineers, P.C. - Project Engineer

PROFESSIONAL AFFILIATIONS:

Associate Member: Institute of Transportation Engineers

Associate Member: American Society of Civil Engineers

HIGHLIGHTS OF EXPERIENCE:

Mr. D'Andrea has been responsible for the preparation of numerous traffic and transportation studies for a variety of land use types. His responsibilities include the preparation and/or review of reports including trip generation, capacity analysis and recommendation of improvement plans for development. He is responsible for interaction with other consultants for compiling such studies as well as DEIS and FEIS preparation. He is also experienced in the use of several traffic modeling software programs including HCS, SYNCHRO and SimTraffic.

He is versed in AutoCAD and has experience in preparation of both conceptual and design level drawings for roadway and traffic signal improvements. His experience also includes managing large data collection and data summarization efforts.

