

JACK F. MCLAURIN, AIA
LESSARD GROUP, INC.
Principal—Single Family + Town Homes

Education: Bachelor of Architecture, 1987, Virginia Tech

Active Registration: District of Columbia, 2000, License no. ARC100077
Virginia, 1997, License No. 10264
Maryland, 2000, License No. 12325
Active Registration in 15 additional states

Jack F. McLaurin heads Lessard's Single Family and Town Home Group with projects ranging from large single family suburban residences to high-density urban infill developments. His understanding of residential construction combined with 20 years of architectural practice enables him to produce high-level design while maintaining cost-sensitivity. His project experience includes various Tax Credit and HUD financed mixed income communities.

Mr. McLaurin has thorough knowledge of market influences, competitive product, land values and socioeconomic factors. He helps developers position their product in the marketplace and maintain long-term value. As a result, he enjoys many repeat assignments from loyal clients. Among his current projects are various townhome single family communities in the greater Washington, D.C. metropolitan area, affordable high density infill sites in Richmond and the District of Columbia, and mixed use projects in the northeast and the south.

Mr. McLaurin actively participates in the National Association of Home Builders Design Education Sub-Committee and working with NAHB staff members has been an integral part of the program and speaker selection committees for the International Builder Show for the past five years. Mr. McLaurin has also been a guest speaker for the IBS as well as local building industry association events. He also is active in the American Institute of Architects, the Northern Virginia Builders' Industry Association and its' Finest for Family Living Awards Program.

Mr. McLaurin was the Principal in Charge of the following sampling of constructed projects:

Harrison Square, 98 units, District of Columbia, NW
Capper Carrollsburg, 277 units, Mixed Income w/ Public Housing, District of Columbia, SE
Bryan Square, 68 units, District of Columbia, NE
Arts District Hyattsville, approx. 300 units, City of Hyattsville, MD
Chatham Square, 152 units, Mixed Income w/ Public Housing, Alexandria, VA
Potomac Greens, 229 units, Alexandria, VA
Park Potomac, 150 units, Rockville, MD
Fallsgrove, 445 units, Rockville, MD
Wheaton Metro Brownstones, 75 units, Wheaton, MD
Grayson Hill, 220 units, Richmond, VA
Monument Square, 238 units, Richmond, VA
Staples Mill Centre, 2090 units, Richmond, VA

Local Projects Currently filed for zoning approvals:

St. Paul's College, 237 units, District of Columbia, NW
MacArthur Court, 37 units, District of Columbia, NW
Glebe Park, 80 units, Mixed Income w/ Public Housing, Alexandria, VA
James Bland, 395 units, Mixed Income w/ Public Housing, Alexandria, VA

JAMI L. MILANOVICH, P.E.
SENIOR ASSOCIATE

PROFILE:

Ms. Milanovich has thirteen years of experience in a wide range of traffic and transportation projects including: traffic impact studies, corridor studies, parking analyses, traffic signal design, intersection improvement design, and signing and pavement marking design. She has worked for both public and private sector clients.

EXPERIENCE:

Traffic Impact Studies. Conducted numerous traffic impact studies in support of rezoning, subdivision, and site plan approvals for large and small residential, commercial, office, retail, and institutional developments in the mid-Atlantic region. Her work includes experience in Pennsylvania, Virginia, Maryland, and Washington, D.C. Specific Washington, D.C. projects include the following:

- ◆ Rosemount Center Traffic and Parking Study
- ◆ Sidwell Friends School Transportation Study
- ◆ Traffic and Parking Study for the Broad Branch Market and Child Development Center
- ◆ Traffic Impact Study for the Emerson Street Townhouses
- ◆ Fort Totten Apartments Traffic Impact Study
- ◆ Square 486 Traffic Impact Study
- ◆ Squares 483 and N-515 Traffic Impact Study
- ◆ Traffic Impact Study for the Tilden Street PUD
- ◆ Fannie Mae Headquarters Transportation Impact Study
- ◆ Transportation Impact Study for Abdo New York Avenue Site
- ◆ Friends of Saint Patrick's Transportation Impact Study
- ◆ Traffic Impact Study for the Fort Lincoln New Town Townhomes
- ◆ Transportation Impact Study for the Village at Washington Gateway
- ◆ Transportation Impact Study for the School without Walls
- ◆ Transportation Impact Study for the George Washington University Campus Plan: 2005-2026
- ◆ Transportation Impact Study for Square 54
- ◆ 2201 M Street, NW Transportation Impact Study
- ◆ City Homes at Fort Lincoln Transportation Impact Study

Corridor Studies. Conducted several corridor studies, which have evaluated the effects of various geometric and traffic signal system improvements on specific corridors. She has utilized Synchro and SimTraffic software to both analyze the potential improvements and make presentations for agencies and the general public.

Traffic Signal Design. Prepared numerous traffic signal designs for new installations and modifications to existing installations, including the development of coordination timings for interconnected intersections. Her work has included preparation of signal permit drawings for state agencies and construction drawings for contractors.

Intersection Improvements. Prepared many intersection improvement plans throughout Pennsylvania, often in conjunction with traffic signal designs. Design of intersection improvements typically consists of roadway widening, drainage improvements, utility coordination, maintenance and protection of traffic considerations, and signing and pavement marking plans.

Traffic Calming Studies. Investigated traffic calming measures to reduce travel speeds and "through" traffic on residential streets. Alternatives included chicanes, chokers, diverters, speed tables, and one-way street options.

Interchange Justification Studies. Prepared Point of Access Study for the completion of the partial diamond interchange for submission to the Pennsylvania Department of Transportation and the Federal Highway Administration. Study included an origin-destination study and capacity/level of service analyses at eight intersections and an inventory of existing and approved developments within the study area. Data analyses were conducted for scenarios with and without the proposed interchange.

Origin-Destination Studies. Conducted several origin-destination studies as part of larger projects to determine travel patterns through specific areas. Methods used included license plate matching, post-card surveys, personal interviews, and car-following.

Speed Limit Studies. Conducted speed limit for two-lane, rural roadways in Pennsylvania. Methodology utilized was safe running speed method in accordance with ITE guidelines.

EDUCATION: Master of Engineering, The Pennsylvania State University, University Park, Pennsylvania, December 2000

Bachelor of Science, Civil Engineering, The Pennsylvania State University, University Park, Pennsylvania, May 1995

REGISTRATIONS: Registered Professional Engineer: Pennsylvania; Virginia; Washington, D.C.

AFFILIATIONS: Institute of Transportation Engineers

EMPLOYMENT HISTORY

2003 - Present **Wells & Associates, LLC**
McLean, Virginia
Senior Associate

1997 - 2003 **Herbert, Rowland & Grubic, Inc.**
Harrisburg, State College, and Pittsburgh, Pennsylvania
Traffic Engineer

Ms. Milanovich was a project manager responsible for the preparation of traffic engineering studies, traffic signal design, and intersection improvement designs.

1995 - 1997 **Transportation Resource Group, Inc.**
York, Pennsylvania
Traffic Engineer-in-Training

Ms. Milanovich was responsible for data collection efforts and conducting traffic engineering studies. Her duties also including overseeing technical support staff.



**Mark G. Morelock, P.E.
Principal Associate****RELEVANT EXPERIENCE AND QUALIFICATIONS**

Mr. Morelock has over 24 years of engineering experience including land development, roadway, traffic and site engineering, permitting, construction inspection, quality assurance and project administration. He is currently Principal Associate and Director of Planning and Engineering for VIKA, Inc. in the Germantown, Maryland office. Prior to joining VIKA, Mr. Morelock served as Director of the Maryland Operations for Bowman Consulting. He was involved in all aspects of engineering, planning and surveying.

His land development project experience includes site feasibility studies, development investigations and evaluations, concept and final site layout designs, site and grading plans, erosion and sediment control plans, storm water management facilities, utility plans and profiles, demolition plans, and specifications for both commercial and residential land development projects. He has worked with both private sector and government agency clients to produce plans and project designs that are timely and meet project requirements.

Mr. Morelock has served as an Engineer-of-Record and Principal Engineer for over 200 land development projects across the east coast. He has testified to various governmental agencies regarding engineering and planning land development cases over the past 10 years.

He has been qualified as an expert in the field of engineering relative to zoning and development plan applications for the following:

- District of Columbia – Board of Zoning Adjustment:
- Howard County, MD – Board of Appeals
- Baltimore County, MD – Hearing Officer

REPRESENTATIVE ASSIGNMENTS

St. Paul's, Washington, DC: Principal-in-Charge for the development of approximately 250 townhouses on a 10 acre parcel on the St. Paul's campus under the Planned Unit Development process. Services include: site feasibility study, boundary survey, topography, stormwater management concept, street grade establishment plan/profile, detailed grading, sediment and erosion control plans, utility plans, lotting plan, circulation plan, green space plan, PUD processing and revisions, coordination with DC WASA, survey to mark, ASCE Quality Level B utility investigation and mapping for off-site improvements, on-site demolition plan, site and grading plan, and coordination with DC –WASA and DC-DOE.

Riverside Hospital, Washington, DC: Principal-in-Charge for the development of approximately 40 townhouses on a 4 acres parcel located on MacArthur Boulevard at the old Riverside Hospital site. This site was taken through the Planned Unit Development process. Services included site feasibility, boundary and topographic survey, concept plans, stormwater concept, street grade

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establishment, detailed grading, utility and sediment control plans, preparation of PUD documents, filing of the Environmental Impact Screening Form (EISF) and coordination with DC-WASA and DC-DOE.

707 6th Street, Washington, DC: Principal-in-Charge for the development of construction documents for a "mixed-use" building located in Chinatown. Services included layout and grading plans, utility plans (water and sewer), stormwater management, public space exhibits for utilities and streetscape and coordination until DC-DOE, DC-WASA, DC-DOT and DCRA.

Maret School, Washington, DC: Engineer-of-Record and Principal-in-Charge of 2-phase expansion/renovation of existing K-12th grade private school. Provided expert testimony in front of the Board of Zoning Adjustment in the field of engineering relative to site engineering and traffic engineering. Directly involved with included traffic study, as-built, topographic and utility surveys, concept plans, construction documents, SWM-quality, permitting, including open space and building permits, and construction observation.

Southeast Tennis Center, Washington, D.C.: Engineer-of-Record for design of an expanded tennis and education facility sponsored by former Mayor Marion Barry and his wife. The project scope includes layout and design of tennis and parking facilities, grading and drainage, floodplain analyzation and erosion and sediment control.

Aventiene (formerly known as Crown Farm) Montgomery County, MD: Principal-in-Charge for the development of a "mixed-use" development located on 150+ acres adjacent to Fields Road. This project was divided into four neighborhoods plus a school site and city park site. Services included final engineering for one neighborhood plus major infrastructure roadways, and comprehensive site engineering services from schematic design through final engineering for a second neighborhood. This project has over 2,200 residential units and 300,000 gfa of retail.

University of Maryland-East Campus, Prince Georges County, MD: Senior Project Manager for the development of a "mixed-use" development located on approximately 50 acres adjacent to the University of Maryland at the Southeast corner of US Route 1 and Paint Branch Parkway. This project consists of over 2000 multi-family units, 400,000 gsf of retail, a 200 room hotel and 100,000 sqf offices. It is nestled on a site where existing facilities will remain functional (UMD Power Plant, Ritchie Coliseum and Fraternity Row). Services include full site engineering and planning services from schematic design to detailed site plan to final engineering.

Park Potomac, Montgomery County, MD: Principal-in-Charge for the development of infrastructure and 150 townhouses as part of a mixed-use project on approximately 50 acres located on the Northwest corner of Montrose Road and I-270 Interchange. Services included preparation of site plans and full construction documents for the infrastructure (roadways and utilities) to serve the complete development plus full construction documents for the 150 townhouse section of the project.

National Park Seminary: Montgomery County, MD: Principal-in-Charge of 32 acre, 250 Unit Multi-family, Single-family, and Townhouse project bisected by Linden Lane just south of I-495. Served as Engineer-of-Record for Signature Site Plans, and managed engineering design team

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for all facets of the project. This project's historic structures with new construction truly makes this a unique project.

Buddington North, Prince Georges County, MD: Principal-Engineer for the development of an approximate 350 unit, 4-story student housing building. VIKA's services included boundary survey, site investigation report, WSSC hydraulic planning analysis report, topographic survey, wetlands location, natural resources inventory, forest stand delineation, concept site planning and development, concept stormwater management plan, Type 1 and Type II tree conservation plan, preliminary plan, detailed site plan, site plan signature set, floodplain study (minor tributary), floodplain field work, fire accessibility plan, sign posting, ADA accessibility plan, wetland impact permits.

Tribeca @ Campsprings ALTA/Assemblage, Prince Georges County, MD: Principal Engineer for the development of 30,000 sf retail, 275 residential units and associated parking deck. VIKA's services included ALTA/ASM land title survey, boundary, utility and topographic survey, site assessment report, concept site planning, forest stand delineation, concept stormwater management plan, WSSC hydraulic planning analysis, road abandonment exhibits, Type 1 and 2 tree conservation plan, preliminary plan and detailed site plan, site plan signature set, sediment control plan, stormwater management plan-phase 1, WSSC on-site water and sewer plans, paving and storm drainage plans, traffic control plans, record plat, easement and agreement documents, permit processing assistance, RFI response and shop drawing review, construction administration, tough grading and utility sediment control plan, off-site median extension plans, soil boring exhibit, phased sediment control plan WSSC utility abandonment plan, public street signage and pavement marking plans, street tree and lighting plan, downstream storm drain analysis, model existing stormwater management pond, woodland conservation and tree preservation exempt request, stormwater management as-builts, WSSC on-sit as-built and certification.

PROFESSIONAL EDUCATION

Bachelor of Civil Engineering, Vanderbilt University, 1983

Masters of Architecture, Georgia Institute of Technology, 1992

PROFESSIONAL REGISTRATION

Professional Engineer in Virginia, Maryland, Washington, D.C., West Virginia, Pennsylvania, New Jersey, Delaware, Massachusetts, Indiana, Illinois, Ohio, Michigan, Kentucky and Georgia

PROFESSIONAL ACTIVITIES/AFFILIATIONS

Georgia Institute of Technology, Guest Lecturer in Site Planning

Head Instructor, Site Design Seminar, Women in Architecture

Member, CEAM, NAIOP