

#### **Professional Education**

- B.S., Civil Engineering, Lehigh University, 1984

#### **Professional Registrations**

- Professional Engineer: Virginia, Maryland, Washington, D.C. and Delaware

#### **Professional Associations**

- District of Columbia Building Industry Association
- Northern VA Building Industry Association
- American Society of Civil Engineers
- Engineers and Surveyors Institute

Mr. Stires has more than 30 years of experience in land development in the mid-Atlantic area, with over 29 years spent in the Metropolitan Washington, D.C. area. He has worked on design/development projects, as well as the processing and project management of various public improvement, residential, commercial, and industrial projects in all local jurisdictions in the Washington, D.C. marketplace. Typically associated with most of the projects, is a strong component relative to stormwater management and low impact design. His strong business partnerships and technical resources help provide his clients with direct access to the key decision-makers within local governments. As Principal and Branch Manager for the Alexandria office, Mr. Stires provides leadership to a large team of design professionals

#### **McMillan Reservoir Site, Washington, D.C.**

Principal-in-Charge of project at historic reservoir site, planned to be redeveloped for housing, retail, office, and green space. Work to include survey, feasibility and preliminary engineering of historic site. Design and oversight of conceptual and preliminary storm water management concepts and designs during Schematic and PUD Design Phases.

#### **Walter Reed Army Medical Center (WRAMC), Washington, D.C.**

As part of the Hines-Urban Atlantic Design Team; Mr. Stires served as Principal-in-Charge of the 66 acre project at the historic medical site, planned to be redeveloped for housing, retail, office, and green space. Work to include survey, feasibility and preliminary engineering of historic site. Design and oversight of conceptual and preliminary storm water management concepts and designs during the RFP competition.

#### **Rhode Island Metro Redevelopment, Washington, DC**

Principal-in-Charge for this ultra-urban redevelopment project. Scope of services included detailed coordination and review by WMATA. Project included parking structures and the existing WMATA station. Project included large underground storm water management systems.

#### **Shady Grove Metro Park (County Service Park), Montgomery Co., MD**

Principal-in-Charge for this 150 acre mixed use redevelopment project located at the Shady Grove Metro. The Site's redevelopment is a collaborative effort between Montgomery County and EYA. Bowman developed a detailed Preliminary Subdivision Plan and a Storm water Management Concept Plan, which was approved by the County in record time. The Storm water Management Plan was developed based on the latest Maryland regulations and involved "ESD to the MEP" practices which included: green roofs; cisterns; vaults; bio-swales and gardens; and other LID (low impact design) techniques.

#### **Ellington Plaza, Washington, DC**

Principal-in-Charge for this nine story, 190 unit apartment building project in the historic Logan Circle and U Street neighborhood. Project also included over 17,000sf of street level retail space, a two-level underground parking structure, and Metro accessibility. Because of the building's location above the underground metro rail system, intense coordination with Metro officials was required. Bowman surveyors performed

intensive surveying within the metro tunnel and on the tunnel walls. Bowman Consulting provided survey, preliminary and final engineering, permitting, and construction support services.

**Bryan Square, Washington, DC**

Principal-in-Charge for this project located in the Capitol Hill Historic District, adjacent to Eastern Market. Consisting of almost a complete city block, this project has transformed the Bryan School, an historic three-story brick building, into condominiums. In addition, single-family residential urban row homes were constructed in three separate buildings on a surrounding site that was formerly asphalt playgrounds. Innovative engineering solutions were provided by designing a “Flow-thru Peat Filter System” rather than the typically required BMP sand filter. Utility pole locations were carefully considered and examined in an effort to minimize costly relocations. Roof top decks and a centrally located park area were added to fulfill the District’s open space requirements. Overall project management and assistance with the permit processing were also provided along with survey and preliminary and final engineering and construction management services. Project included 30 condominium units and 38 single-family residential urban row homes.

**Eastgate Family Housing, Washington, DC**

Branch Manager for this project involving the redevelopment of the site to include a community center and 169 residential units on 17 acres. The site is located in Southeast DC. Bounded by Benning Road, F Street, Queen’s Stroll Place, 51st Street, and Fitch Street. Bowman provided surveying, platting, PUD and final engineering services.

**Eastgate Senior Building, Washington, DC**

Served as Branch Manager for this project involving the redevelopment of the site to include a 100 person senior center on 1.25-acres. The site is located in Southeast DC. Bounded by Ridge Road, B Street and Anacostia Road. Bowman Consulting provided surveying, platting, P.U.D and final engineering services.

**Florida Avenue, Washington, DC**

Project Manager. Located on Florida Avenue in Washington, DC at 9th Street and 8th Street. The project involves two separate parcels on either side of 8th Street, Parcel A situated on the south side of Florida Avenue, NW between 8th and 9th Streets, and Parcel B situated on Florida Avenue at 8th Street. The overall project consists of the re-development of two (2), six-story residential buildings with below-grade parking. The sites are located in close proximity and partially over top of the existing WMATA tunnels. Significant upgraded utilities, streetscape, and pedestrian facilities are incorporated into the project. Bowman staff worked closely with multiple DC agency’s to ensure a successful project completion.

**700 6th Street, NW, Washington, DC**

Principal-in-Charge for this project that included a raze plan for a five story building along 6th Street NW in downtown DC., steps from the Gallery Place Metro in the Penn Quarter neighborhood. The project consists of the construction of a high-rise office building with four levels of underground parking, and approximately 300,000sf of office and retail space. Scope included boundary and topographic surveys, an ALTA/

SCSM survey, preliminary storm water management plan, final site plan, traffic control/public space plans, and landscape plans for the project. Bowman also designed a green roof for the building which is expected to receive Gold LEED certification. Approvals were given by the Washington DC WASA, the DC Department of the Environment, and the DDOT.

**Victory Heights, Washington, DC**

Principal-in-Charge for this 75-unit affordable senior housing project in a 7-story mixed-use building in Columbia Heights. Bowman Consulting was retained to provide surveying, planning, and engineering design. Working with District staff, Bowman Consulting developed a preliminary stormwater management design to determine the size and scope of stormwater management and best management practices required. In addition, a planned unit development (PUD) site plan, landscape plan and final site plan were prepared. Each was developed in accordance with the District regulations and public space standards, submitted, and processed through to approval. Due to the close proximity of the project to the Columbia Heights Metro Station, coordination with WMATA and District officials was required. Bowman Consulting's knowledge of WMATA and the District's jurisdictional requirements ensured that the project stayed on schedule and within budget.

**W Hotel, Washington, DC**

Principal-in-Charge of this project on which Bowman provided surveying and civil engineering services. The project consists of the possible renovation and improvements of the existing site of .49 acres. Bowman Consulting worked with the architect and MEP on developing internal plumbing solutions that were acceptable to the DC review agencies that would help resolve and mitigate flooding issues. Bowman also developed plans for the proposed utility connections and for the work located in Public Space that involve Maintenance of Traffic (MOT) Plans and Erosion and Sediment Control Plans.