

HARLEY E. JOSEPH, JR., PE

PRESIDENT

EDUCATION:

BS Civil Engineering - Lehigh University. 1983.

Certificate Management Development - Virginia Commonwealth Univ. 1987.

Master of Business Administration Program- University of Richmond. 1993

REGISTRATION:

Professional Engineer - Virginia, 1989

Professional Engineer - Maryland, 1991

Professional Engineer - Kentucky, 1997

AFFILIATIONS:

YMCA Manchester, Board of Directors

Home Builders Association of Richmond

National Society of Professional Engineers

John Tyler Comm. College - Arch. Engineering, Dept. Advisor 1989-93

EXPERIENCE:

President, Joseph, Cox & Associates, Inc. Responsible for management of a company providing services in civil engineering, land surveying, land planning and construction management. (1993-99 T/A North Hills Corp.) 1993-present.

Principal, J. K. Timmons & Associates, P.C. Responsible for management of the engineering department specializing in private land development. 1990-93.

Section Head, J. K. Timmons & Associates, P.C. Responsible for design team management and all project engineering over a 4000 acre area of Chesterfield County, Va known as Brandermill and Woodlake. 1987-90

Civil Engineer, J. K. Timmons & Associates, P.C. Responsible for complete project engineering of commercial and residential developments. Projects include road systems, sanitary sewer facilities, water systems, drainage and flood protection and development feasibility studies. 1983-87.

Laboratory Technician, Lehigh University Center for Marine and Environmental Studies, Bethlehem, Pa. 1983

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Advisory Experience:

Environmental Engineering Department Chesterfield County, Va.

Technical advisor during the preparation of the County reference manual of environmental engineering.

Chesapeake Bay Local Assistance Department Richmond, Va.

Technical advisor during the Chesapeake Bay Preservation Act regulation compliance cost study.

Lancaster County Chesapeake Bay Act

Design competition, 1991 First Place award winner.

Project Experience:

Brandermill Community - East West Partners of VA, Inc. Served as the design engineer for a 2500 acre planned community that was a two time Urban Land Institute Award winner.

Woodlake Community - East West Partners of VA, Inc. Served as the Manager of the design team for the 1100 acre planned community that was an Urban Land Institute Award winner.

Waterford Wetland Restoration - Signet Bank - Prepared the 300 acre hydraulic analysis and design, based upon local hydrologic data, to design the grading of the relocated stream channel and 2 acre wetland.

Magnolia Green - East West Partners & Dominion Land, Inc.- Prepared the analysis and preliminary designs for five lakes and preliminary engineering for a 3800 acre planned community.

Greenspring - IMG, Inc. - Prepared the analysis of a 6 square mile drainage basin and the design of a 60 acre detention facility to enhance an existing wetland and provide non-point source pollutant removal to facilitate my preliminary engineering of the development of an 1800 acre commercial/multi-family/single family land development and a 27 hole Reese Jones golf course.

Harbour Pointe Village - Brandermill Development Co. & Nusbaum Realty, Inc. - Prepared the analysis and design of a series of detention and retention facilities to create a wetland mitigation site and provide for non-point source pollution removal and designed a 45 acre commercial land development, immediately adjacent to the county's 1700 acre potable water source.

Foxcroft Community - Delmarva Properties, Inc. - Planned, designed, engineered and managed the construction layout of a 250 acre residential community with a park, and swim & tennis club.

The Crossings North - Signet Bank - Served as consultant to provide re-construction management and land surveying for the rehabilitation of an unacceptable 7 acre wetland mitigation site that was produced by another firm.

The Village at Swift Creek - Bruce E. Toll Investment Company - Managed the engineering design and construction layout of a 185 acre development of commercial tenants such as Kroger, Topekas, Red Lobster, TGI Friday's, American Family Fitness, Paneras, Starbucks and Cracker Barrel.