

PARAGON

William H. Ramage II

Engineering Services, Inc.

Project Manager

EDUCATION

Coursework, Pennsylvania State University
Coursework, York College of Pennsylvania
Coursework, Millersville University

ADDITIONAL TRAINING / CERTIFICATIONS

ISA Programmable Logic Controllers Certification
Advanced DPU Programming and Graphics, Westinghouse Process Control, Inc.

EXPERIENCE

Mr. Ramage is presently a Project Manager for the electrical department of Paragon Engineering Services, a Mechanical, Electrical and Plumbing Engineering Firm based in York, Pennsylvania. Paragon has a very diverse client base throughout the country.



Mr. Ramage is responsible for the design of electrical power and lighting projects, field surveys, feasibility studies, estimating, final inspections, data analysis, computer network and program maintenance support developing 3-D computer generated graphics and programming of Westinghouse DPU and Rockwell RSView systems.

Educational Projects include:

Bohemia Manor MS/HS, Cecil County, MD – Renovated an existing high school building and added new construction to provide space for a new middle school. Electrical included power, lighting, and systems.

Carl Sandburg Middle School Additions and Renovations, Langhorne, PA – Electrical design for addition of new 750-seat auditorium and building renovations to bring the existing facility up to current educational and code standards including ADA facility improvements.

Commercial Projects include:

BH/BA Corporate Headquarters, York, PA – Aided in electrical design and construction management for the adaptive reuse of a 1907 manufacturing plant into a 57,000 square foot office building which accommodates 230 employees. Also, in conjunction, designed electrical for other building on site that was to be used as tenant areas for York Industrial Development Corporation.

General Motors Substation Room #14, Baltimore, MD – Electrical design and construction administration services for replacement of Substation at General Motors Baltimore assembly plant.

Government & Military Projects include:

Aviano Air Base Electrical Renovation, Aviano, Italy – Provided electrical renovation design services for a Vehicle Dispatch, Refuel Maintenance, Classrooms, and Weapons Shop. Design included lighting, and systems.

Dover Air Force Base Building #510, Dover, DE – Electrical renovation of the Base Fire Station.

York County Prison Expansion, York, PA – Electrical system design services for the expansion of York County Prison to accommodate an additional 544 medium and minimum security prisoners including illegal alien detainees for the Immigration and Naturalization Service (INS).

Industrial Projects include:

Beaver Valley Expressway, Beaver and Laurence Counties, PA – Fast-track design of three miles of four-lane toll highway as an extension of the Pennsylvania Turnpike system. Includes toll plaza, diamond interchange and bridge design. Electrical design included power, lighting, systems, and highway conventional and high mast lighting.

Capital City Airport, New Cumberland, PA – Facilities master plan and construction documents for terminal upgrade, including ADA upgrades, HVAC, fire safety system and electrical system improvements, and environmental remediation services.

PADOT Bureau of Aviation, Harrisburg International Airport Pumping System Design, Harrisburg, PA – Electrical design of groundwater treatment facility and improvements to existing water booster station. Design of 16-inch water transmission main. Electrical design included power, lighting, controls, and instrumentation.

Municipal Projects:

Bangor Borough Wastewater Treatment Plant, Bangor, PA – Design of electrical power, lighting, control, instrumentation and construction management services for a 1.6 million gallons per day SBR facility. Field services included PLC start-up and program enhancements.

York City Sewer Authority, York Wastewater Treatment Plant, PA – Retainer Engineer. On call electrical services for design, trouble shooting, and programming changes to Westinghouse WEStation. Electrical study and design for replacement of VFD's for Train 3 Raw Sewage and Primary Effluent Pumps, Train 2 Aerators and increasing the capacity of the ultraviolet disinfection system. Electrical and programming technical support services for computer and co-generation systems. Electrical power, lighting, control, instrumentation, and systems design for renovation of existing facilities and construction management of new facilities to achieve year-round de-nitrification of 26 million gallons per day and peak flow of 42 million gallons per day. Computer system upgrade at wastewater treatment plant in York City for replacement of outdated Westinghouse Classic System with new Westinghouse WEStation. Responsibility included development of custom 3-D graphics and programming interface.

Back River Wastewater Treatment Plant, Baltimore, MD – Aided in electrical design to upgrade 180 million gallons per day plant from secondary to nitrogen removal treatment. Design included power, lighting, and systems.

Ballenger Creek Wastewater Treatment Plant Expansion, Frederick County, MD – Aided in electrical design of plant from a 2 million gallon per day activated sludge plant to a 6 million gallon per day biological nutrient removal facility. Design included power, lighting, and systems.

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Broadneck Water Reclamation Facility, Annapolis, MD – Electrical study, design, and construction management services for added capacity and wastewater treatment process improvements. Design included power, lighting, controls, and instrumentation.

Broadwater Water Reclamation Facility BNR Upgrade, MD – Electrical design included power, lighting, controls, and instrumentation.

Dover Township Sewer Authority, Dover, PA – Electrical design and construction management services for the upgrade and expansion of a wastewater treatment plant to 8 million gallons per day including improved disinfection system, aerobic digesters, influent pumping stations, grit removal structure, expansion of an oxidation ditch, and lagoon closure. Electrical design included power, lighting, controls, and instrumentation.