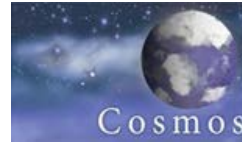


CAPABILITY STATEMENT



Cosmos Technologies, Inc. Firm Overview

Core Competencies

Cosmos Technologies, Inc. (Cosmos) is an S-corporation small business engineering consulting firm located in Pittsburgh, PA; Harrisburg, PA; Cleveland, OH and Akron, OH. Cosmos was founded by President and Owner, Frederick Douglas, in 1998 and has a total of fifteen (15) full-time employees.

Civil Site Design & Land Development: Commercial, institutional, residential subdivision design which includes site grading, geometric design of streets, design of curb & gutters, sidewalks, trails, utility design, quality takeoff, preparation of construction plans, contract documents and technical specifications. In addition, we provide stormwater management with an emphasis on integrating green infrastructure (GI) methods.

Water/ Wastewater Process Engineering: Process feasibility studies at potable and municipal wastewater treatment plants. Activities include the operation of pilot facilities and the performance of disinfection studies. Cosmos is also focused on the development of innovative wastewater and potable waste and industrial wastewater treatment technologies. Recently, Cosmos received US, Canadian and South African patents for the development of an "Advanced Catalytic Oxidation" process.

Construction Inspection/ Management: Construction Management and Inspection relative to sewer infrastructure cleaning and lining utilizing NASSCO certified inspectors; as well as, performance of CM/CI relative to vertical and horizontal construction utilizing PennDOT and ACI certified inspectors.

Water Resources Engineering: Hydrologic and hydraulic analysis and modeling, green infrastructure and sustainability design, dam break analysis and preparation of inundation maps, and watershed management plans.

Environmental, Health & Safety Management: Permitting, environmental and safety compliance management, Industrial Hygiene assessments (inclusive of asbestos, lead, and mold testing), as well as Phase I/II/III environmental and archaeological assessments. Additionally, Cosmos provides OSHA safety training and certification.

3D Laser Scanning: Laser scanning services for "As-Built" structures such as plant processes, tunnels, roadways and building structures. The point clouds are then extracted into 3D CAD models using such software as TopoDot.

Facilities, Asset and Energy Management Assessment: Facilities assessments to provide replacement costs for subsystems such as MEP systems; Asset management to establish replacement and maintenance schedules and costs; and Energy auditing services.

Specific Pertinent Codes: NACIS Codes: 236220, 237110, 237310, 541330, 541620, 541710, and 541690; DUNS: 046884222



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