

EDUCATION

- B.S., Civil Engineering, Widener University

PROFESSIONAL REGISTRATIONS

- Professional Engineer; PA, MD, DE, NY, VA, WV, NC, SC, FL

PROFESSIONAL AFFILIATIONS

- American Society of Civil Engineers
- New Jersey Wireless Association
- Pennsylvania Wireless Association

MICHAEL CLEARY, P.E.

Project Manager, Civil Engineer

EXPERIENCE

Mr. Cleary has over 11 years of extensive experience in preparing civil and structural plans for the wireless telecommunication industry. He is responsible for designing site plans and structural plans; the preparation of drawings, geotechnical/soil erosion analysis, presentations, tower and foundation analysis; and coordination of additional in-house engineering services as necessary. He has also provided professional testimony at zoning and planning hearings.

Mr. Cleary is also responsible for the day-to-day operations of multiple telecommunications projects. His duties include overseeing, reviewing, and signing-off on all civil and structural deliverables prepared by the firm's Telecommunication division. Managerial duties include marketing for new clients in an expanding geographic area.

PROJECTS

New Site Build Project**Verizon Wireless****NJ, PA, DE**

Served as Project Engineer responsible for layout and design of site plans and construction documents for cellular communication installation sites in the Philadelphia market. Work included general engineering services; zoning/site plan preparation; construction design/drawing preparation; electrical/MEP design/engineering; site survey services; environmental services; geotechnical services; planning/photo simulation services; permitting and related support services; and expert testimony.

Long Term Evolution (LTE) Modification Upgrade Project**Bechtel Communications, Inc.****NJ, PA, DE, MD, VA, DC**

Served as project manager responsible for the design and analysis of over 200 sites for AT&T to help launch their 4G/LTE network build-out in the Philadelphia market. Responsibilities included coordination of in-house staff, site investigations, preparation and quality control of site designs and structural modification designs, and testifying at zoning/planning hearings in PA.



MICHAEL CLEARY, PE

Distributed Antennas System (DAS) Design

T-Mobile/AT&T/Verizon Wireless

NJ, PA, DE, CT

Served as project engineer assisting in the layout and design of DAS construction documents for Pennsylvania College of Technology, Penn State's Beaver Stadium, Hershey Park, Lincoln Financial Field, Atlantic City Convention Center, Citizen's Bank Park, Caesar's Palace Casino, Delaware Park Casino, QVC Studios, and Temple University. Work included general engineering services, zoning/site plan preparation, construction design/drawing preparation, preparation and quality control of structural analyses and modification designs, electrical/MEP design/engineering, site survey services, environmental services, planning/photo simulation services, permitting and related support services.

New Site Build, Network Modernization and GSM Consolidation Projects

T-Mobile/Smartlink LLC

NJ, PA, DE, MD

Served as Project Engineer responsible for layout and design of site plans and construction documents for cellular communication installation sites in the Philadelphia market. Work included field survey management; development of site plan drawings in conjunction with local zoning requirements; photo simulations of proposed structures and antennas; stealth design of structures concealing equipment cabinets and antennas; tenant improvement design; preparation and quality control of structural analyses and modification designs analysis/design of potential raw land sites; and field surveying and engineering support services during construction.

New Site Build Project

AT&T Wireless Services

NJ, PA, DE, MD

Served as Project Manager responsible for layout and design of site plans and construction documents for approximately 300 cellular communication installation sites in the Philadelphia market. Work included general engineering services; zoning/site plan preparation; construction design/drawing preparation; preparation and quality control of site designs and structural modification designs; electrical/MEP design/engineering; site survey services; environmental services; geotechnical services; planning/photo simulation services; permitting and related support services; expert testimony; and Distributed Antenna System (DAS) design.

