

MICHAEL R. MILLER, PE

PRESIDENT & STRUCTURAL PROJECT MANAGER

Joined the Firm
1990

Mr. Miller is a Principal in Charge and Project Manager on commercial, institutional, medical, research and restoration projects. He is experienced in structural analysis and design of new structures; investigation, restoration/renovation and reuse of existing structures; building masonry façade investigation, remediation/restoration; preparation of feasibility studies; contract documents and specifications.

In addition, Mr. Miller's collaborative design approach has allowed his clients to develop and incorporate unique, but practical solutions on their projects. His project structural systems capabilities encompass; steel, composite steel, steel joist and joist girder, wood, timber, masonry, reinforced concrete and precast concrete. Foundation systems design includes conventional spread footings, drilled piers (caissons), auger cast concrete piles and slab-on-grades on expansive soils, as well as performance specifications for concrete underpinning and soil nailing.



PROJECT EXPERIENCE:

DORMITORY, HOUSING & ASSISTED LIVING

Friendship Village – Senior Living	Upper Saint Clair, PA
Woodside Place of Washington	Washington, PA
The Ridge at Robinson Apartments	Pittsburgh, PA
UPMC Cumberland Woods – Senior Living Facility	Pittsburgh, PA

HIGHER EDUCATION

Carnegie Mellon University ANSYS Building	Pittsburgh, PA
University of Pittsburgh Schenley Quad Plaza Assessment & Restoration	Pittsburgh, PA
Pennsylvania State University Pattee Library West Courtyard Infill Addition	University Park, PA
Butler County Community College Heaton Resource Center	Butler, PA
Duquesne University Des Places Student Housing	Pittsburgh, PA

K-12

West Jefferson Hills School District New High School	Columbus, OH
South Fayette School District High School Additions	South Fayette, PA
Fox Chapel Area School District Dorseyville Middle School Renovations	Athens, OH
Pine–Richland School District STEM Additions & Renovations	Dayton, OH
Ohio County Board of Education Wheeling Park Additions & Renovations	Wheeling, WV
Peters Township School District New High School	Murrysville, PA

Education:

Cleveland State University, 1996
Master of Science in Civil
Engineering

The Pennsylvania State University,
1990 Bachelor of Architectural
Engineering (Structural)

Registration: P.E. 1997

Pennsylvania
Ohio
Maryland
New Jersey
New York
Virginia
West Virginia

Professional Affiliations:

Structural Engineers Association
of Ohio

Code Management Review Board
for City of Butler, PA

American Institute of Steel
Construction

First Sergeant (retired)
Pennsylvania Army National Guard



Bridgeport Sports Complex
Bridgeport, WV

COMMERCIAL

Bridgeport Sports Complex	Bridgeport, WV
Truck World	Conneaut, Girand & Jackson Twp., PA
Multiple Locations	
Medical Office Building	Johnstown, PA
First National Bank Branches	PA, OH & MD
Multiple Locations	
Butler Health System	Butler, PA
Medical Office Building	
Blind & Vision Rehabilitation Services of Pittsburgh	Pittsburgh, PA

HEALTH CARE

UPMC Presbyterian Hospital	Pittsburgh, PA
Heart & Vascular Institute Renovations	
Allegheny Health Network	
Butler Cancer Center	Butler, PA
West Penn Hospital – Millvale Garage Renovations	Pittsburgh, PA
UPMC Lemieux Sports Complex	Cranberry Township, PA
Veterans Administration	Butler, PA
Outpatient Care Center	
Chiller Plant	
University Hospital – Ahuja Medical Center	Beachwood, OH
Sports Medicine Institute	

FACADE, BUILDING ASSESSMENTS & RESTORATION

Wabtec Inc.	Wilmerding, PA
Assessments & Renovations	
UPMC Matilda Theiss Health Center	Pittsburgh, PA
Building Assessment	Butler, PA
Crafton Ingram Shopping Center	Crafton, PA
Facade Restoration	
David L. Lawrence Convention Center	Pittsburgh, PA
Exhibit Hall Assessments & Repairs	
University of Pittsburgh	Pittsburgh, PA
McCormick Hall – Chimney Renovations	
Federal Reserve Bank	Cleveland, OH
Masonry Facade Restoration	
Lifespan Inc.	Homestead, PA
Heritage House Adaptive Re-use	
Spooky Nook Sports	Cincinnati, OH
Champion Mill	

PARKING GARAGES

Allegheny Health Network	Pittsburgh, PA
West Penn Hospital - Millvale Parking	
Allegheny County Department of Public Works	Pittsburgh, PA
4th Avenue Parking Garage	
Duquesne University	Pittsburgh, PA
Brottier Hall Parking Garage Restoration	
UPMC East Hospital & Parking Garage	Monroeville, PA
UPMC McKeesport	McKeesport, PA
Parking Garage	
Institute for Transformational Medicine (ITXM)	Greentree, PA
Parkway Center Building 5 Garage Renovations	
West Penn Allegheny Health System	Pittsburgh, PA
West Penn Parking Garage Assessment & Renovations	

KEY PROJECTS



**UPMC East Hospital
& Parking Garage**
Monroeville, PA



**Juniata College
Founders Hall Additions
& Renovations**
Huntingdon, PA



**Peters Township School District
New High School**
McMurray, PA



**Duquesne University
Des Places Student Housing**
Pittsburgh, PA