

# MICHAEL R. MILLER, PE

## PRESIDENT AND 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 facade 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 AND ASSISTED LIVING

Friendship Village of South Hills – Senior Living Facility	Upper St. Clair, PA
Hot Metal Flat Apartments	Pittsburgh, PA
Ridge at Robinson Apartments	Pittsburgh, PA
UPMC Cumberland Woods – Senior Living Facility	Pittsburgh, PA
Woodside Place of Washington – Senior Living Facility	Washington, PA

### HIGHER EDUCATION

Butler County Community College (BC3) – Classroom Facility	Ford City, PA
Carnegie Mellon University – ANSYS Building	Pittsburgh, PA
Duquesne University – Des Places Student Housing	Pittsburgh, PA
Hiram College – Gerstacker Hall	Hiram, OH
Penn State University – Altoona Campus Port-Sky Café Addition	Altoona, PA
University of Pittsburgh – Chevron Science Center Annex	Pittsburgh, PA
West Virginia University – Advanced Engineering Research Building	Morgantown, WV

### K-12

Butler Senior High School – Additions and Renovations	Butler, PA
Kent City School District – Various Additions and Renovations	Kent, OH
Peters Township High School	McMurray, PA
Quaker Valley High School	Leetsdale, PA
Seneca Valley Aquatic Center	Harmony, PA
Wheeling Park High School – Additions and Renovations	Wheeling, WV

### CIVIC/MUNICIPAL

Butler County Government Center Annex	Butler, PA
Ohio Army National Guard – Brookpark Armory Building Renovations	Brookpark, OH
PA National Guard – Combined Service Maintenance Shop	Moon Township, PA
Public Library of Steubenville and Jefferson County – Addition	Steubenville, OH
U.S. Army Corps of Engineers – Kirtland AFB Building 201	Albuquerque, NM

### Education

Cleveland State University, 1996  
Master of Science in Civil  
Engineering

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

### Registration: PE 1997

Pennsylvania  
Ohio  
Maryland  
New Jersey  
New York  
Virginia  
West Virginia

### Professional Affiliations

SEAoO

Code Management Review Board  
for City of Butler, PA

AISC

First Sergeant (retired)  
Pennsylvania Army National Guard

## KEY PROJECTS



**BC3 Heaton Family  
Learning Commons**  
Butler, PA

## COMMERCIAL/OFFICE BUILDINGS

Connected Heath – Office Building	Wexford, PA
Digital Foundry at New Kensington	New Kensington, PA
Fedex Ground – Corporate Headquarters Expansion	Moon Township, PA
First National Bank Branches – Multiple Locations	PA, OH and MD
Truck World – Multiple Locations	Conneaut, Girard and Jackson Twp., PA

## HEALTH CARE

Butler VA Medical Center – Ambulatory Care Clinic	Butler, PA
Independence Health System – Butler Crossroads MOB	Butler, PA
Louis A. Johnson VA Medical Center – Ambulatory Center Addition	Clarksburg, WV
UH Ahuja Medical Center – Sports Medicine Institute	Beachwood, OH
UPMC East Hospital and Parking Garage	Monroeville, PA
UPMC Presbyterian Hospital – Heart and Vascular Institute	Pittsburgh, PA

## FACADE RESTORATION

AL. Ringling Theater – Facade Restoration	Baraboo, WI
Crafton Ingram Shopping Center – Facade Restorations	Crafton, PA
330 East State Street Building – Front Facade Replacement	Salem, OH
20 Federal Place – Facade Restoration	Cleveland, OH
University of Pittsburgh – McCormick Hall Chimney Restoration	Pittsburgh, PA
Venango County Business Innovation Center	Oil City, PA
Wabtec Inc. – Assessments and Renovations	Wilmerding, PA

## PARKING GARAGES

Allegheny Health Network (AHN) – West Penn Hospital Aspen Parking Garage Renovations Millvale Parking Garage Renovations	Pittsburgh, PA
Duquesne University – Forbes and Locust St. Garage Assessments	Pittsburgh, PA
Lorain County – Parking Garage Repairs and Restoration	Elyria, OH
UPMC McKeesport – Parking Garage Renovations	McKeesport, PA

## RECREATION

Allegheny Country Club – Phased Interior Renovations	Sewickley, PA
Carnegie Science Center – Highmark Sportsworld	Pittsburgh, PA
Citynet Center at the Bridge Sports Complex	Bridgeport, WV
Grove City/Franklin YMCA – Addition	Grove City, PA
Spencer Family YMCA – Additions and Restoration	Bethel Park, PA
UPMC Lemieux Sports Complex	Cranberry Township, PA
Warren G. Harding Recreation Center	Warren, OH

## RENOVATION/ADAPTIVE REUSE

Blind & Vision Rehabilitation Services of Pittsburgh – Renovations	Pittsburgh, PA
Father Ryan Arts Center	McKees Rocks, PA
Lifepan Inc. – Heritage Court Elderly Housing Adaptive Reuse	Homestead, PA
7301 and 7325 Penn Avenue – Building Renovations	Pittsburgh, PA
Spooky Nook Sports – Champion Mill	Hamilton, OH
Venango County – Business Innovation Center Restoration	Oil City, PA

## KEY PROJECTS



**Citynet Center at the Bridge Sports Complex**  
Bridgeport, WV



**University of Pittsburgh Chevron Science Center Annex**  
Pittsburgh, PA



**Public Library of Steubenville and Jefferson County**  
Steubenville, OH



**Seneca Valley Aquatic Center**  
Harmony, PA



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