The Delaware National Guard Training and Community Center is the fourth facility in Ohio constructed by the National Guard in cooperation with local agencies and organizations to create a cost effective solution for all of its facility needs. PDG worked in collaboration with the Ohio Army National Guard, City of Delaware and YMCA to design a LEED Silver certified facility that incorporated desired elements for each stakeholder while combining compatible space.

Two major components of this facility included a gymnasium and natatorium. The natatorium was designed to include an eight-lane, 25-meter competition pool and leisure pool area to serve the diverse aquatic needs of the community. Shared between all parties, the gymnasium is dividable and serves as a recreation area for the Community Center and training floor for two Ohio National Guard units.

The Community Center facility also includes volleyball and basketball courts, locker rooms, multipurpose rooms, classrooms, a fitness area, elevated track, lounge, and child care facility.

Project Relevance
- Recreational
- Youth Sport Use
- Municipal Rental

Reference
Mr. Richard Willinger
The Ohio Army National Guard
614.336.7013

Ms. Jacqueline M. Walker, Asst. City Manager
740.203.1010

Location
- Delaware, Ohp

Services Provided
- Architectural, Structural, Civil, Site, Survey, Electrical and Construction Administration

Cost
- $29.5 million

Size
- 117,812 SF

Schedule
- Professional Services 2010-2011
- Construction: 2011-2012

Project Team
- Scott P. Schroeder, P.E., Project Manager
- Brad M. Thomas, P.E.
- Daniel L. Knott, P.E.
While utilizing many of these public components of the building, the Ohio National Guard also has private training facilities that are separated from the rest of the facility and include a drill floor, administration areas, locker rooms, library and learning center, vehicle work bays, kitchen and dining facilities, storage areas and a large outdoor secure motor-pool area to accommodate approximately 250 Ohio Army National Guard personnel.

Situated next to a housing development and land that has been developed by the City of Delaware for sports fields, the site layout and exterior design were designed to provide access to the neighboring developments and provide shared parking facilities for outside sporting events.
The Ohio Operating Engineers selected PDG as its prime consultant for the design and construction administration of several new and renovated facilities. The projects involved classrooms, training facilities, offices and maintenance shops to educate apprentice equipment operators on the proper operation and maintenance of heavy construction equipment such as bulldozers, backhoes, cranes and boring machines.

The most recent projects involved improvements to its Miamisburg, Cleveland and Cincinnati facilities. The Miamisburg project involved a 16,000-square-foot addition to the existing facility. The new addition includes a 5,000-square-foot training/shop area, four classrooms and office space. The Cleveland and Cincinnati projects involved remodeling and expansions to the regional offices, including office spaces, meeting rooms, kitchen and restroom upgrades, and a new entrance area with a lobby and elevator. The HVAC system was also replaced to increase energy efficiency.

### Location
- Cygnet/Richfield/Logan/Miamisburg, Ohio

### Services Provided
- Architectural, Interior Design, Structural, Site/Civil Engineering, Mechanical, Electrical, Plumbing, Fire Protection and Construction Administration

### Cost
- $8 million

### Schedule
- 2005–2008

### PDG Project Team
- Phillip A. Whaley, P.E., Project Manager
- Edward N. Frobase, P.E., R.A., Design Architect

### Project Relevance
- Building Expansions
- Office and Kitchen Spaces
- Training/Classroom Facilities
- Maintenance Facilities
- Energy Conservation

### Reference
Mr. Donald Black  
4250 Soldiers Home–Miamisburg Rd  
Miamisburg, Ohio 45342
PDG had previously completed projects in Cygnet, Richfield and Logan. The Cygnet facility is located on 160 acres, with an 8,300-square-foot classroom and office building and 16,500-square-foot training facility. A 16,000-square-foot all-weather training building with a dirt floor and deep foundations was constructed at each facility to provide for year-round deep trench construction technique demonstration and safety and emergency rescue procedures. The maintenance shop includes in-floor hydronic heating, a 10-ton overhead bridge crane and welding and painting booths.
The Bowling Green National Guard Training and Community Center is a unique example of how organizations can work together to create a cost effective solution to all of their facility needs. PDG worked in collaboration with the Ohio Army National Guard, City of Bowling Green and Wood County Board of MR/DD to design a facility that would incorporate necessary elements for each stockholder while combining compatible space. A major component of this unique 92,000 square-foot facility is a 16,072 square-foot gymnasium. Shared between all parties, the gymnasium is divisible into four quarter courts and serves as a recreation area for the Community Center, training center for the National Guard, and is used for both recreation and Special Olympic training for students of Wood County MR/DD. The Community Center facilities also include volleyball and basketball courts, locker rooms, multipurpose rooms, classrooms, a 4,300 square-foot fitness area, elevated track, lounge, and childcare facility. While utilizing many of these public components of the building, the National Guard also has private training facilities separated by a double loaded corridor, which include a drill floor, administration areas, locker rooms, library and learning center, vehicle work bays, kitchen and dining facilities, and storage areas. The site master plan includes areas for a future indoor aquatic center and outdoor recreational programs.