



Advantages to the Southern Lehigh School District in Utilizing D'Huy's Project Management Services

Approximately 80% of D'Huy Engineering's total work is in the public school arena. Due to this experience, D'Huy (DEI) has gained unique skills and specific knowledge essential for the successful completion of PA public school projects; on time, on budget and without litigation. The following is a summary of these unique qualifications and experience to successfully manage your new elementary school project:

- We can be there when you need us! The proximity of D'Huy's Bethlehem headquarters is less than 15 minutes away from Southern Lehigh School District and the homes of our team members are very close to the District as well.
- D'Huy Engineering's personnel consists of Professional Engineers, Licensed Architects, Value Engineering Specialists and construction experienced professionals with expertise in various aspects of the project's field investigation and evaluation, cost estimating, contract document preparation, project management and closeout.
- Approximately 100% of D'Huy Engineering's construction management projects are for PA public school clients. As evidence to our success in PA public school projects, D'Huy Engineering has completed, on time and on budget, over \$300 million in projects over the last five (5) years.
- D'Huy Engineering has extensive knowledge of individual building systems. Through D'Huy's Retainer Services and Capital Improvement Plans, our personnel have gained vast experience in planning, reviewing, constructing and commissioning complex projects with a focus on the end results meeting and exceeding the Owner's criteria and ensuring maximum life-cycle value.
- D'Huy Engineering is an Energy Star Partner, and has completed several LEED Gold Certified buildings and we are presently in the design phase of four more. Our firm will partner with Southern Lehigh School District on sustainable strategies for the District's project should the District wish to pursue sustainable design strategies or certification. Our experienced LEED team is qualified and ready to support and encourage any of your project's LEED and/or grant pursuits.



Northampton Community College

DEI provided Project Management Services for all of the Community College's recent projects and is providing CM services for the proposed \$70 million new Monroe Campus to open in June 2014

"D'Huy continues to be our project management firm of choice. Their site managers are our 'go to guys' in the field, and instrumental to the success of all of our new and renovation projects."

Mark Culp, PE
Director of Building & Grounds
Northampton Community College



- As a result of extensive and relevant experience with public projects, D'Huy is knowledgeable in various current building codes and is respected by municipal and PA state approval agencies making the firm an asset in scheduling, managing and complying with complex agency approvals.
- D'Huy is a Certified Third Party Agency in the Commonwealth of Pennsylvania which allows our firm to provide Building Code Plan Reviews and Building Inspections as well as to act as a municipality Building Code Official.
- Our professionals and Value Engineering Specialists recognize that Value Engineering is project specific and in its purest form is the ability to provide strategies, design or solutions that result in a better project, system or solution for the same or less cost. Our value engineering specialist and professionals will identify opportunities for savings and an improved project without changing the building's function and design based on the budget. We will achieve this through our continuous process of constructability reviews, cost analysis and value engineering and detailed design reviews.
- D'Huy utilizes a web based project management program, ProjectMates, to document and organize an entire project from the design phase through construction and closeout. The program is used to store and transmit all correspondence, meeting minutes, documents, submittals, manuals, logs, schedules and drawings. The information is made available to all team members through a password protected access. This results in increased control, accessible documentation and information sharing, prompt responses and accountability from team members. At the end of the project, all of the information is archived electronically for future use and reference by the Owner.
- D'Huy always considers safety a top priority during planning and construction activities. We have tremendous experience and understanding of safety issues, especially while facilities are being occupied during construction and built on an existing site.
- D'Huy Engineering has a client driven approach that provides and implements the best solution possible for every project. Our superior technical expertise and decades of practical experience provides a unique combination of personnel that are trained to manage and guide the preliminary planning, design, budget preparation, final design and construction of the project.
- Our experience in competitive bidding will continue to result in providing Southern Lehigh School District with the enviable position of achieving quality at very competitive pricing. With our competitive bid approach, local resources, clear, concise, complete documentation and efficient management and scheduling of the project, a 5% savings on the project bids is typically achievable.



Washington Elementary School, Bangor, PA
Phased historic building addition & renovation

“Our recent elementary project was very complex due to construction of a large addition while students occupied the site. D'Huy exceeded our expectations. DEI's field manager's persistent attention to details throughout construction and closeout was noteworthy and highly commendable.”

John Reinhart Superintendent
Bangor Area School District



- Our attention to detail, expertise in forensic engineering and focus on documentation results in reduced liability for our clients and holds all the stakeholders accountable for timely communication and their construction roles. We have accomplished things never thought possible and on remarkable timelines.
- D’Huy Engineering’s philosophy is that in order for a project to be successful, in addition to being completed on time and on budget, it must meet the Owner’s parameters, criteria and goals. The project should also maximize efficiencies and cost vs. quantity and quality to provide the District with the best value. Our strong Owner advocate approach has resulted in a track record of repeat clients because of our philosophy of complying with these parameters.
- On all of our projects we investigate opportunities and review local resources that could contribute to the success of the project. This type of partnership with local resources and companies provides excellent value to our clients and we plan to leverage these relationships to again, provide the best value for your project.
- D’Huy is independent, with no contractual allegiance, to any contractor or vendors. Our involvement has been known to encourage competitive pricing since vendors and contractors know the project will be fairly and efficiently managed.
- Our firm has a proven track record in successfully managing complex public arena projects as the Owner’s representative. Similar to your planned renovation and capital improvement projects, D’Huy is well versed in proper sequencing, coordination, timely completion and budget control achieved through detailed project phasing.



Souderton High School

450,000 SF high school including 100 acres of sitework with new stadium and synthetic turf/track completed 6 months ahead of schedule and 0.5% in change orders.

“D’Huy Engineering has made numerous value recommendations that reduced costs of our new high school project and also recommended changes in the proposed construction contract language to protect the District’s interest. The project was completed on budget and on schedule. DEI’s role was essential for the success of our project.”

Charles D. Amuso, Ed.D., (Former) Superintendent
Souderton Area School District

- D’Huy Engineering employs the “CAD Principal” – Communication, Accountability, Documentation. This principal requires proper communications, holding everyone accountable and documenting the project actions. Our approach delivers a successful project for less and enhances its ultimate performance. The strategies we employ include:
 - Experienced and qualified staff that are diligent, agile and resourceful treating each project as if it was our own home.
 - Continuous risk reduction starting with clear documentation, sound front end specifications and assignment of responsibilities followed up with schedule milestones and pro-active monitoring with actions plans where required. We will document, document, document!



- Timely troubleshooting by experts and a wealth of resources with a focus on problem solving strategies and solutions.
- Minimization of change orders and continuous cost control strategies by performing detailed reviews to pro-actively avoid cost related issues as well as planning ahead to mitigate and properly address unforeseen conditions.
- Our schedule driven approach is to plan the work then work the plan. CPM schedules expertise along with milestones that can be monitored for each contractor results in clear accountability.

D'Huy Engineering will provide Southern Lehigh School District with a team that is ready to perform and exceed your expectations.



**Upper Dublin High School
LEED Gold Certified**

“D’Huy Engineering has done an outstanding job as project managers on our new high school project. They are the best firm that I have worked with in my 20 years in administration.”

Dr. Michael J. Pladus, Superintendent
Upper Dublin School District

