

progress

2024 EDUCATION ISSUE

Bedford Area School District High School Additions & Renovation>>



EI Associates was retained by the Bedford Area School District to design renovations to Bedford High School, as well as building a new addition at the rear of the school. The addition will include a concession area, restrooms, lobbies, and team rooms to accommodate athletic programs. The construction of the addition will form an ADA accessible connection between the parking area and the existing school building. Handicapped parking

will be added to the site, and the current parking layout will be reconfigured for improved efficiency. The project includes a new football/soccer field, stadium seating, and landscaping to provide screening for adjacent properties. The project will also include park-style bench seating, and the erection of a Bison statue, the school mascot, at the northwest corner of the property.

Gym Addition at Demarest Middle School>>

EI Associates is assisting Demarest Public Schools with the planning and design of a Gym Addition at the Middle School. The addition, currently under construction, is located along the north side of the school fronting Piermont Road just west of the existing basketball courts. It will connect to the existing school corridor. The addition has a footprint of 13,000 sq.ft. and accommodates a 7,500 sq.ft. *Continued on back*





Southern Lehigh School District – Elementary and Middle School Repairs and Replacements>>

In a collaborative effort between our Harrisburg, PA and Cedar Knolls, NJ offices, EIA is currently serving as the Southern Lehigh School District’s Architect of Record. HVAC repairs and upgrades to the High School have been completed. A chiller and roof repair project is now underway at the Liberty Bell Elementary School. A roof repair and replacement project is also being executed at the Middle School.

New S.T.E.A.M. Labs for Summit Public Schools

EI Associates is assisting the Summit School District by designing new S.T.E.A.M. labs at both the High School and Middle School. A new academic commons area which includes four S.T.E.A.M. labs is being constructed as a new second floor above the existing Media Center. At the Middle School a two-story addition is being constructed to accommodate Industrial Arts instruction along with four additional S.T.E.A.M. labs. The Middle School project also involves relocation of the existing kitchen and expansion of the cafeteria dining area. HVAC upgrades throughout the Middle School will be made including installation of classroom air conditioning. Construction of the High School and Middle School expansions will be completed during the Fall of 2024.



Tri-Valley School District – Junior and Senior High School Kitchen and Electrical Upgrades>>



EI Associates designed the recently completed kitchen and electrical improvement project for the Tri-Valley School District in Schuylkill County, Pennsylvania. The project encompassed a complete replacement of the existing high school kitchen, a new serving area, as well as dishwashing and supporting spaces. The freezer and cooler were replaced along with the installation of new finishes in the student dining area. The original 1929 building posed unexpected challenges which the contractors were able to overcome and

complete the project in time to open for the 2024-2025 school year. The existing kitchen and serving area were demolished to allow the installation of new equipment and merchandising units. The servery was modified to reduce the time each student needs to get his/her food and permit more time to eat. Electrical improvements were made to replace outdated switchgear and transformers and to provide increased and improved lighting. A new variable refrigerant flow air conditioning system was added to provide comfort cooling.

New Entrance Drive and Site Improvements for Kent Place School>>

EI Associates is assisting the Kent Place School with the design and engineering of site improvements at its Summit, NJ campus. The improvements are part of a campus master development project involving the construction of a new Leadership Center. The work includes the design of a new campus entrance and driveway loop off of Norwood Avenue, new parking lots and civil/site design for the new two-story 55,000 sq.ft. Leadership Center building. EI provided all civil engineering services for the project.





Rutgers CAB Cooling Tower Replacement>>

EI Associates recently assisted Rutgers University with the design of the replacement of an aged cooling tower at the Clinical Academic Building (CAB) located in New Brunswick, NJ. The existing 2-cell, 700-ton cooling tower had exceeded its life expectancy. The new tower design included a 700-ton, 2-cell induced draft, counter flow (IDCF) cooling tower. The new tower comprises two independent cells with an equalizer line. As part of this assignment EI performed an evaluation of the existing tower system, developed replacement recommendations and budgetary costs, and then provided detailed engineering services.

High School Athletic Field Feasibility Study for Millburn Public Schools>>

EI Associates has performed a feasibility study for the Millburn Township Board of Education to determine whether the natural turf athletic fields at the Millburn High School site can be converted to synthetic turf. The synthetic turf fields are needed to accommodate both community and school athletic programs.

The property is bordered by Van Winkles Brook along its southwestern boundary and is also influenced by the flood hazard area associated with the West Branch of the Rahway River located over 1,000 feet to the east of the school site. Both streams are New Jersey Department of Environmental Protection (NJDEP) delineated streams, within the mapped flood hazard area (FHA). The FEMA flood map identified the flood plain covering all of the school's athletic fields and extending into the stadium track and field area. As part of this assignment, EI Associates performed a site topographic survey, wetland investigation and geotechnical investigation and prepared conceptual site plans illustrating the desired athletic field reconfiguration and improvements along with budgetary costs. EI also prepared and submitted application documents to NJDEP which recently indicated the athletic fields can be developed with synthetic turf provided that several conditions be met. EI is presently advising the Board of Education of next steps in this field improvement process.





South Middleton School District – Athletic Facility Upgrades>>

EI Associates is currently performing the conceptual design for a new Fieldhouse for the District after our completion of a District-Wide Feasibility Study. EI was retained earlier this year to design a wrestling mat hoist for the Middle School as a start to the District's program to upgrade their athletic facilities. The existing High School Pool is also being evaluated for possible upgrades.



Act 33 and 34 – EI Associates Assists with Grant Funding>>

During the late Spring/early Summer of 2024 EI Associates supported the grant writing efforts of many school districts who applied for the Public School Repairs Grant (Act 33) and the Public School Facility Improvement Grant (Act 34). Both of these grant programs were made possible by the 2023-2024 Commonwealth budget in which \$100 Million was allocated to make necessary repairs and upgrades to school buildings, and \$75 Million was allocated for abating and/or removing lead, mold and asbestos from Pennsylvania public schools. At the time of this publication the Act 33 grant award recipients have been announced and some EI Associates clients have been designated to receive funds. While the Act 34 grant award recipients have not yet been announced EI Associates is very optimistic that many of our clients will be also named to receive funds.

Continued from cover story

Gym with bleachers for 277 spectators, a Girl's Changing Room, a Boy's Changing Room, Gym lobby with toilet rooms, a PE Office and the Nurse's Suite. Construction completion is expected by August 2025.

Close-Out of SSB-VEEVR Funded Projects>>

EI Associates is in the final phase of obtaining final 75% reimbursement of SSB-VEEVR Grant funding for several NJ School Districts HVAC upgrade projects. With the completion of several summer projects, testing and balancing reports as well as final verifications are being completed for Districts to receive their final payments. Our firm was successful in obtaining \$23M in SSB-VEEVR funding for our school clients.



For additional information
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News, Notes & Events

NEW PROJECTS

Berks Career & Technology Center
Berwick Area School District
Catasauqua Area School District
Denville School District

Edison School District
Elk Lake School District
Exeter Township School District
Hillsborough Township BOE
Jim Thorpe Area School District
Kutztown Area School District
Lakewood School District
Milton Area School District
Newark Board of Education
Newton School District

Octorara Area School District

Passaic School District
Pennsylvania State University
Pine Grove Area School District
Port Republic BOE
Queen City Academy

Ridge and Valley Charter School
Saint Clair Area School District
South Middleton School District

Southern Lehigh School District

Southmoreland SD
Susquehanna Township School District
Tri-Valley School District
Union Township School District

Vernon Township School District

Warren Glen Academy
Wellsboro Area School District
West Perry School District
Wilson Area School District
York College of Pennsylvania

Facilities Assessment
Facility Assessment & Feasibility Study
Feasibility Study
MS & ES Site Study
New Sidewalk at Riverview ES
2 New ADA Toilet Rooms at Riverview ES
Addition to Washington ES
Facility Assessment and Feasibility Study
HS Auditorium & Miscellaneous Improvements
UPS System Upgrade
District-Wide Feasibility Study
District-Wide Feasibility Study
Roof Replacement at HS & Admin. Office
Baugher ES Canopy Improvements
Electric Assessment at Sussex Avenue ES
Boiler Plant Replacement at Halsted MS
Renovations to 2 Science Labs at Newton HS
Architect of Record Services
Security Vestibule Upgrade
Welding Room to Classroom Conversion
Chester County Emergency Training Center
Modern Classrooms Land Planning
Building Conversion for Temporary HS
PSU Harrisburg Olmsted Classroom E218 Renovation
Feasibility Study
LRFP Major Amendment
Corridor Ceiling & Lighting Replacement
Stair Replacement & Basement Repair
Roof Bid Package
District-Wide Feasibility Study
District-Wide Feasibility Study
Fieldhouse Conceptual Options
Geophysical Consulting Services for Boiling Springs HS Pool
Wrestling Mat Hoist at Yellow Breeches MS
Chiller Replacement at Liberty Bell ES
Roof Replacement at Liberty Bell ES
Roof Replacement at MS
Athletic Improvements
HS Kitchen Improvements
Kitchen and Electrical Upgrades at Jr./Sr. HS
HS Woodshop Renovations & Conversions
HS Auditorium Curtain & Lighting Upgrades
Vernon HS Building Ramp & Stair Replacement
PRE-K & BOE Office Reconfiguration
Water Infiltration System Upgrades
Kitchen Equipment Replacement at 6 Schools
Exterior Door Replacement
Facilities Evaluation Phase Services
District-Wide Feasibility Study
Athletic Improvements
Student Union Restroom Renovations & Finish Selection

EVENTS

- PASA-PSBA School Leadership Conference, October 6-8, 2024
- NJSBA/NJASBO/NJASA Workshop 2024, October 21-24, 2024
- PASBO Facilities, Transportation & Safety Conference, October 24-25, 2024
- DVASBO Tradeshow, October 30, 2024
- PASBO Annual Conference, March 11-14, 2025
- PARRS Annual Conference, April 30-May 2, 2025