

AMBRIDGE AREA HIGH SCHOOL AMBRIDGE, PENNSYLVANIA

Project Information

- New high school on site adjacent to existing school in downtown Ambridge, PA
- Constructed - September 2005 to September 2007
- Size - 245,325 SF
- Project Cost - \$39.2 Million
- Project Delivery Method - Traditional with Multiple Primes

Project Team

- Owner: Ambridge Area School District
- Architect: Foreman Architects Engineers
- Construction Management: Foreman Program and Construction Managers
- General Contractor: Kusevich Contracting Inc.

Architectural

- Building Features - CAD lab, TV studio, Large Group Instruction space, JROTC target range, gymnasium, & cafeteria
- Exterior walls of red and gray brick, aluminum clad windows, and painted mineral fiber siding
- Bridge to entrance lobby reflective of the American Bridge Co. for which the town is named.



Structural

- Foundations - 18" auger cast piles and grade beams.
- Decking - 4" on 20 Ga composite deck
- Slab on Grade - 4" Thick
- Framing - Structural Steel
- 114' span plate girder to support auditorium balcony
- Exterior Walls - Face brick on 8" CMU backup



Electrical, Lighting, & Mechanical

- Panels - Five 480V, 17 277/480 V, and 13 480 to 120/208 step down transformers
- 275 kW Diesel generator as backup.
- Typically 277 Volt, Fluorescent T5 and T5HO fixtures
- 19 Air handling units providing 2900-25,715 CFM
- Three gas fired hot water boilers - 6560MBH output
- Two 283 ton chillers
- Fully sprinkled with fire pump providing 750 GPM