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CONSTRUCTION MANAGEMENT  
AMBRIDGE AREA HIGH SCHOOL  
AMBRIDGE, PENNSYLVANIA  
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TECHNICAL ASSIGNMENT 2



## ***EXECUTIVE SUMMARY***

Through research for this technical assignment a wealth of knowledge about the Ambridge Area High School (AAHS) project was gathered. The purpose of this technical report is to evaluate the existing conditions and project delivery method. Included in the analysis is a project summary schedule, summary of the building systems, cost evaluation contrasting the actual costs versus RS Means and D4 Cost estimating methods. Next a detailed plan of the project site will further explain the means and methods used in site layout during construction, followed by descriptions of local conditions, project delivery method and staffing plan.

The new Ambridge Area High School was designed by Foreman Architects and Engineers. When opened, the 245,325 square foot, three story high school will replace a facility that is 80 years old. The Ambridge Area School District (AASD), the largest district in Beaver County, Pennsylvania chose new construction over renovation after many studies. Construction began on August 18, 2005 with substantial completion set for August 23, 2007, and students will occupy the building on January 5, 2008. Foreman Program & Construction Managers was chosen as the construction manager of the project and makes the high school the forth project in the district using The Foreman Group as a single source Architect, Engineer, and Construction Manager. The total project cost is just over \$42 million and will feature traditional classroom spaces, cafeteria, gymnasium, JROTC target range, and television studio. The Ambridge Area School District hopes the new high school will serve the district for many years to come.

