

SRP PROJECT of the MONTH

ESSEX HIGH SCHOOL

Simmons, Rockecharlie, & Prince recently completed the design for the Renovation of the Essex High School located in Tappahannock, Virginia. The phased project consisted of a complete Architectural, Mechanical, and Electrical renovation as well as new additions and modernizations of the existing facility. The project was completed over a two year period with partial occupancy and alternative classroom space utilized on the site. A new Fire Alarm and Building Automation System were also installed. The HVAC system consisted of multiple packaged rooftop units with energy recovery wheels, Carbon Dioxide Sensors for Demand Control Ventilation, and variable speed compressors and fans. The new electric service was 3000 amp, 277/480 volt, 3 phase with a 200 kilowatt Diesel Generator for emergency loads. Highly efficient LED and fluorescent lighting were utilized throughout the building and on the site.



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