

SRP PROJECT of the MONTH

HENRICO HUMAN SERVICES BUILDING

The Humans Services Building located at Henrico County's Western Government Complex recently completed the replacement of their Rooftop equipment, Chillers, and Split System Equipment. A cost analysis was performed and determined that replacing their air cooled chilled water distribution system that fed rooftop and split system equipment with new packaged DX and split system equipment would offer better energy savings, allow phased construction while the building remained occupied, and additionally provide the County with the ability to work on one system without having to lose cooling to the entire building which was the case when a chiller went down for repairs. Elimination of the chillers also freed up space in the Mechanical room by demolishing the pumps and air control equipment. Platforms were added around the new rooftop equipment to facilitate servicing. A Siemens Building Automation system controls all of the new equipment. Before and after photographs of the roof are shown below.



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