

## **Martinsburg HVAC Renovation Project Overview**

This project replaced all components of the library's original 1979 HVAC system, along with the main electrical panel dating back to 1969. The new unified HVAC system now serves both the 1960s building and the 1980s addition, replacing a patchwork of aging and failing equipment with a modern, efficient system.

During the demolition phase, a licensed abatement contractor safely removed asbestos fireproofing from the building. All drop ceilings, ductwork, and the original 1960's air handler were removed. A crane lifted the outdated rooftop HVAC units, as well as an old satellite dish and other roof debris.

The main electrical panel was relocated to meet current code requirements, and the electrical service was upgraded to support the new HVAC equipment. The roof structure was reinforced with steel, and three new rooftop units were installed.

Following demolition, new fireproofing was installed throughout the building. Crews installed new ductwork, including drilling through walls and constructing soffits to connect the original 1960s structure with the 1980s addition. All IT cabling was removed and upgraded. A new life-safety and fire alarm system was installed, ensuring improved safety and code compliance.

New drop ceilings were added throughout the building and new lighting installed on the top floor. The last phase of the project is to install new flooring in a section of the main floor.