



Central State University

The music never stopped while a new roof was installed

Wilberforce, Ohio

Complex roofing job uses temporary cooling to keep radio station on air

Central State University's award-winning radio station, WCSU, broadcasts from the Cosby Mass Communications Center. The single ply roof had leaked for years; water also ponded badly, and perimeter details were failing. But before the 20,000 square foot roof could be torn off, the roofing team had to figure out how to keep the station's transmitter cool and WCSU running.

Tremco handled the initial inspection, evaluation, recommendations and budgets, and assisted Columbus-based architects HKI with technical specifications and drawings. Joe Becks and Associates was awarded the general contract and Enterprise Roofing and Sheet Metal received the sub-contract. To enable roofers to access the roof, the building's HVAC was shut down and all duct work was removed before the roofing work started. This would have taken WCSU off the air, but the roofing team was committed to keeping the station operating to serve the students and community, so they installed temporary cooling for the transmitter.

All roofing and insulation was then removed down to the deck, and a temporary roof installed. Also installed were new equipment curbs, for the reinstallation of the duct work, and several new drains. A two-course tapered insulation system was laid down, followed by a four-ply, gravel-surfaced BURmastic® roofing system along with new Hypalon base flashings. The project was completed on time and within budget. The radio station was not disturbed by construction noise. There is no more ponding or leakage.

Central State University's 15 Year Quality Assurance Plus warranty provides leak coverage, annual inspections, preventive maintenance and housekeeping to ensure that the roof remains watertight.

Contractor:

Enterprise Roofing and Sheet Metal
1021-25 Irving Avenue
Dayton, OH 45419
Phone: (937) 298-8664
Fax: (937) 298-4516



BURmastic® Roofing Systems

- Multi-ply, cold process Built-Up Roof system
- Seamless monolithic membrane provides outstanding tensile strength and superior weatherproofing characteristics
- No torches or kettles eliminates fire hazards
- Low odor minimizes disruptions from fumes
- VOC-compliant adhesives
- Spray-on application easy to apply

10 Year QA Plus Agreement

- Provides roof inspections, preventive maintenance and housekeeping services in specific years during the agreement's life, including:
 - Visual inspection of roof membrane and surface conditions, and flashing systems
 - PM on metal edge flashing components, tears

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