

## ABM Teams with RAM USA to Save \$600,000 from Going to Waste



### Takeaways

- Roof Infrared Analysis and Forensic Surveys offer a significant ROI
- BUR/Modified Roof Restoration is a longer term solution
- Restoration will save capital dollars and reduce the carbon footprint
- Restoration of roofs is a less disruptive alternative

### Facility Background

- Midwest Manufacturer
- APP Modified Roofs



*RAM USA determined the roofs could be saved and restored through cutting edge diagnostics!*

### Challenge

A Midwest motorcycle manufacturer had their hands full with an abundance of issues with their 100+ year old buildings and a leaking roof. The skylights were a water entry and energy issue. The masonry parapet walls were also a source of water entry. They were advised by a roofing contractor that a \$1-2 million roof replacement was necessary. The proposed roof replacement did not address all of the issues.

### Solution

RAM USA was retained by ABM, the Facility Management Company, to perform a forensic roof survey. RAM USA developed detailed recommendations that:

- Offered a long term solution
- Saved capital dollars - reduced the project cost by 50%
- Addressed the skylight and structural issues
- Reduced the energy issues
- Less disruptive
- Addressed the masonry issues

The roofs were restored and were warrantied with a full system warranty. This new solution was half the cost of the proposed contractor solution.

### Results

RAM USA's Assessment revealed that the roof did not need to be replaced. RAM USA recommended a roof restoration, removed wet roof areas, removed the skylights and designed a structural solution to the skylight replacement. In addition to saving significant capital dollars, RAM USA was able to prevent significant debris that would have been sent to the landfill.