

# Old Montgomery Courthouse

**Dayton, Ohio**

**ARCHITECTS – Jeff Wray Architects, Dayton, Ohio**  
**Schooley Caldwell Associates, Columbus, Ohio**  
**CONTRACTOR – Western Restoration and Waterproofing Co., Cincinnati, Ohio**

**Stone Repair**  
**Protective Coatings**  
**Spring 2004 – 2005**

## PROJECT TASK

Restore the exterior of a historic stone courthouse.

## PROJECT SOLUTION

Use a repair mortar and protective coating which can be matched to the original stone finish.

## PRODUCTS

Matrix  
M3P



Top three and bottom left photographs were taken "before and during" and the bottom center and right were taken "after" the work was completed.



## PROJECT HISTORY

The Old Court House in Montgomery County, Ohio, was completed in 1850. Since that time, 14 Presidents have visited the structure and used its classic front steps as a platform for addressing audiences. While this Greek Revival style courthouse outlived its purpose as Dayton's legal center, it now serves as a cultural center.

The courthouse underwent several renovations during the 1900's to accommodate the flow of legal traffic. These renovations had the unintended result of dulling the impact of the original architecture. In 2000, Montgomery County and the Montgomery County Historical Society partnered to restore the building, and establish it as a civic focal point. The project budget was 4.2 million dollars. The building's interior and exterior were painstakingly recreated and restored. The limestone exterior had to be repaired

and finished with materials which would blend seamlessly with the existing stone. Matrix was used as a repair mortar, not only for its performance and workability, but because it could be color matched on site. To the city inspectors' delight, even the original hammer marks were successfully recreated.

M3P was used for the extensive cornice repairs on the gables. The ability of M3P Stain to blend with these large sections contributed greatly to the successful completion of the project.