



before

Corrective Color

Nawkaw Project Sheet

Fairview, Kentucky, USA

2004



Color treating repaired concrete to blend with unaltered areas.

Winner

When restoring a concrete structure, its virtually impossible to match the colors exactly. Years of weathering will inevitably make unrepaired areas look different than repaired areas with an application of new concrete.

The Jefferson Davis Monument was built between 1917 and 1924 in Fairview, Kentucky. The monument is approximately 351 ft tall and was constructed as an unreinforced concrete obelisk with walls 7 ft, 8 in. thick at the base and 2 ft thick at the top. Deterioration of the unreinforced concrete was caused by cyclic freezing and thawing of saturated concrete.

The rehabilitation project was prompted by the continuing deterioration of the exterior facade and the safety hazard posed by falling concrete. The goal of the rehabilitation project was to repair the exterior concrete and reduce the rate of future deterioration.

The project included developing sample repair materials and procedures to match the original appearance. Concrete repair materials were placed using form and pour techniques, and were anchored to the original base mix concrete by embedded dowels.

When the material repairs were completed, Nawkaw was sub-contracted to stain the concrete, to help blend the new area with the existing surface. Nawkaw's NWRT 91 product was used to also provide crucial waterproofing characteristics for future weathering.



ICRI conducts an annual awards program to recognize outstanding projects in the concrete repair industry.



after