

Wetland Conservation Area New Albany, Ohio

The Wetland Conservation Area (WCA) provides over 13 acres of replacement wetlands within a 30 acre park; in partial mitigation for wetland impacts created by the nearby New Albany Expressway. The WCA represents a unique, high visibility demonstration that constructed wetlands may be planned as a centerpiece and amenity to surrounding development. The WCA was designed to serve multiple purposes including decrease peak discharges, increase water quality by trapping sediment, filter pollutants, and uptake nutrients, enhance habitat, as well as provide a high visibility open space. HEC RAS modeling indicates that that the wetland basin reduces peak discharges by 40%.

The adjacent high school uses the site as a land lab for a vocational education program which serves 16 school districts.

URS was responsible for all phases of the project: planning, regulatory approvals, design, hydraulic modeling, specifications, construction monitoring, and post construction monitoring.

The project received a Merit Award from the Ohio Chapter of the American Society of Landscape Architects.



The WCA is a high visibility 30 acre wetland park which provides multiple benefits to the watershed and is a community centerpiece.



The WCA supports an vocational program in Environmental Technology serving 16 school districts and 64 students.



More than 13 acres of forested, emergent and seasonally inundated wetlands were constructed.