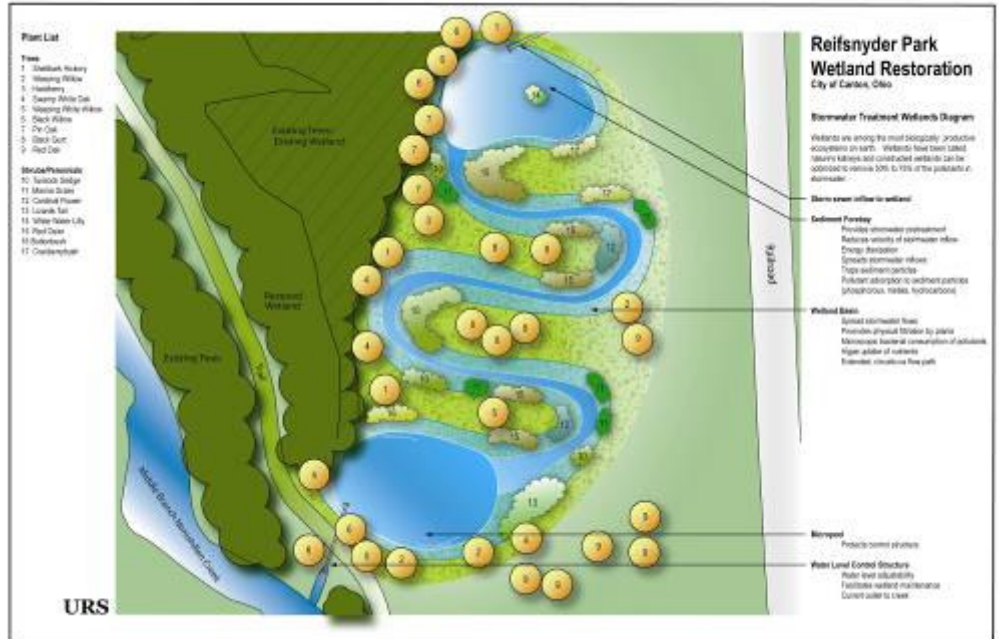


Reifsnyder Park Stormwater Treatment Wetland Canton, Ohio

URS provided engineering and landscape architecture services for the design of the Kaiser Avenue Wetland Basin in Reifsnyder Park in the City of Canton, Ohio. The goal of the project was to improve water quality in the Middle Branch of Nimishillen Creek which was experiencing phosphorous levels in excess of OEPA criteria.

URS developed a masterplan which identified wetland restoration and water quality improvement opportunities in Reifsnyder Park, a park of approximately 70-acres and containing a 2,700 lf segment of the Middle Branch of Nimishillen Creek. Restoration projects identified included a series of four off-line wetland basins, incorporation of stream riffles to increase oxygenation of the creek, and multi-use trails.

Phase One consisted of a one acre stormwater treatment wetland basin constructed in the northern end of Reifsnyder Park, south of Kaiser Avenue - designed to treat storm discharge from an existing 36" storm sewer outfall.



The stormwater treatment wetland design includes a sediment forebay, a wetland basin, and micropool elements.



The one acre stormwater treatment wetland effectively removes a variety of pollutants from a 36" storm sewer outfall.