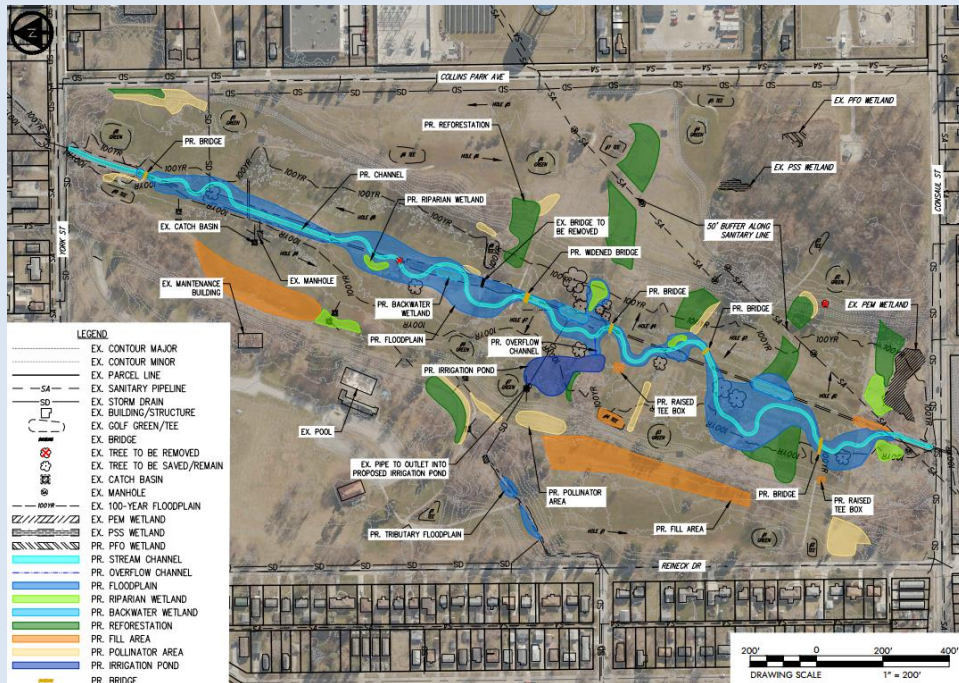




Maumee Area of Concern Habitat Restoration

The **Collins Park Stream Restoration Project** will restore a degraded watercourse and wetland habitat on a portion of Duck Creek within the Maumee River watershed.



Final Design for Collins Park Stream Restoration Project

Naturalize more than 3,300 linear feet of channelized creek

Expand Duck Creek floodplain and reintroduce sinuosity to the creek

Create riparian wetlands and upland woody habitat

Funding is provided by the Great Lakes Restoration Initiative (GLRI) and U.S. Environmental Protection Agency through the National Oceanic and Atmospheric Administration (NOAA) - Great Lakes Commission (GLC) Regional Partnership

The City of Toledo is implementing this project

Environmental Benefits

New fish and wildlife habitat

Reduced sedimentation through restored stream channel

Economic Benefits

Enhanced recreation opportunities with new public golf course features

Improved fishery

Community Benefits

Improved urban nature space

Improved water quality and ecosystem health

Increased difficulty of golf course

4.2

acres of riparian and floodplain habitat will be established or improved

2.3

acres of land will be enhanced through reforestation

0.94

acres of pollinator habitat will be planted

Background of the Area of Concern (AOC)



Designated as an Area of Concern (AOC) under the Great Lakes Water Quality Agreement in 1987, the Maumee is one of the largest AOCs in the United States. The area has a two-century history of development, contamination, and degradation that led to the impairment of water flowing into Lake Erie and the need for focused restoration efforts. Located in Northwest Ohio, the **Maumee AOC** comprises 787 square miles that includes approximately 23 miles of the lower Maumee River downstream to Maumee Bay, as well as other waterways such as Swan Creek, Ottawa River (Ten Mile Creek), Grassy Creek, *Duck Creek*, Otter Creek, Cedar Creek, Crane Creek, Turtle Creek, Packer Creek, and the Toussaint River.

The AOC enjoys strong support from federal, state, and local agencies, as well as stakeholder

forums that support and guide habitat restoration projects, including technical assistance for monitoring.

History of Collins Park

Established in 1932, the nine-hole, roughly 90-acre Collins Park Municipal Golf Course is located in eastern Toledo, Ohio. Duck Creek runs through the middle of the course and has been significantly altered through subsurface culverts, resulting in degraded fish and wildlife habitat. The site has significant potential to provide improved habitat for a variety of native species while addressing the Loss of Fish and Wildlife Habitat and Degradation of Benthos Beneficial Use Impairments designated for the Maumee AOC.

Project Progress

The Collins Park Stream Restoration Project began its feasibility study phase in late 2021 and was completed in late 2023. The engineering and design phase began in spring 2024 and Verdantas was selected as the design consultant. Final construction documents are expected to be completed by winter 2025 and construction is tentatively anticipated to begin in fall 2025. A project management team has met since late 2021 to provide the City of Toledo with professional advice and experience.

Funding and Partners

Approximately \$200,000 was available for the feasibility study project phase through the GLRI, a regional program supporting implementation of a comprehensive restoration plan for the Great Lakes, including cleaning up AOCs. An additional \$175,100 was made available for the engineering and design project phase. Project funding comes from NOAA through a Regional Partnership with GLC. The project is being managed locally by the City of Toledo.

For More Information

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