



City of Toledo

Division of Environmental Services

AOC Projects

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Toledo Maumee AOC Projects

- Bandore Park Stream and Wetland Restoration
- Detwiler Park Restoration
- Collins Park Restoration Feasibility Study
- Jermain Park Stream Restoration
- Detwiler Golf Course Stream Restoration
- Coming soon:
 - Delaware Creek Phase II

AOC Goals:

Permanently improve water quality of the rivers and streams in the AOC by correcting and removing biological or chemical issues (BUIs).

Location of Projects

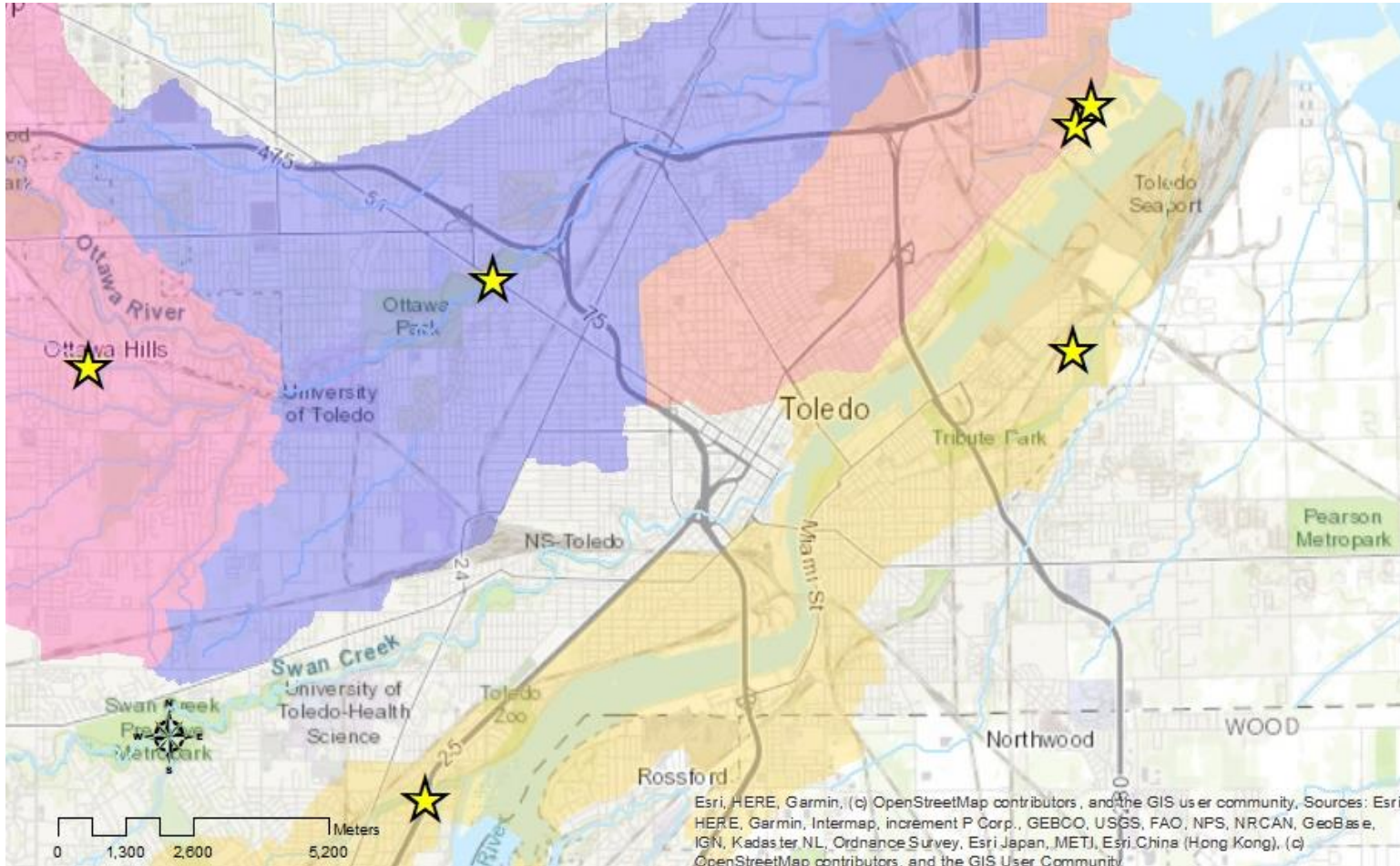
City of Toledo Maumee AOC Projects

Legend

- ★ Project Locations

HUC12 Watershed

- Delaware Creek-Maumee River
- Detwiler Ditch-Frontal Lake Erie
- Heldman Ditch-Ottawa River
- Sibley Creek-Ottawa River

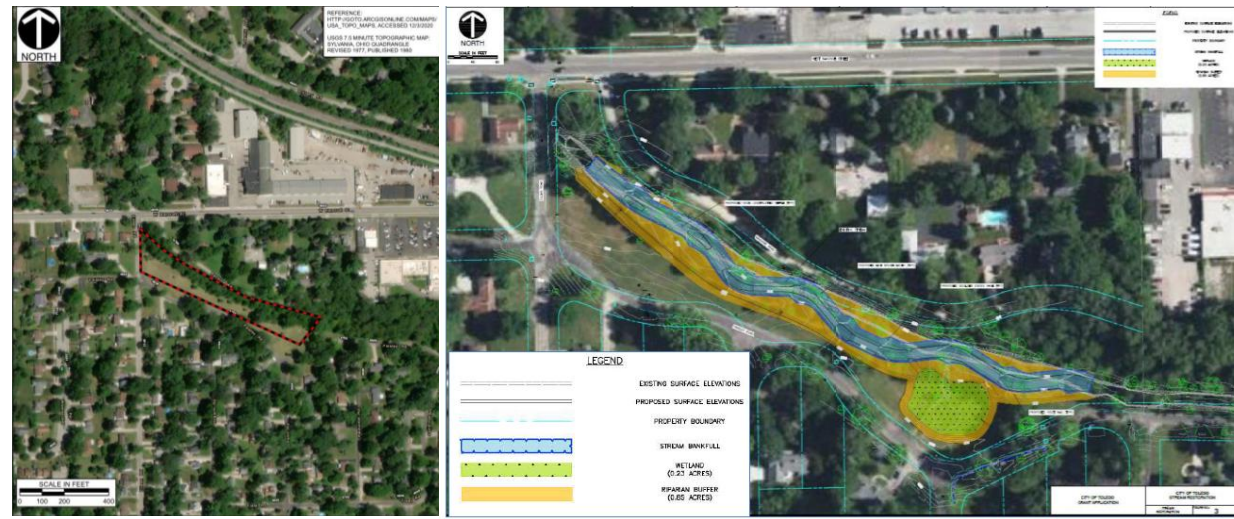


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Bandore Park

- Stream and Wetland Restoration
- 319 grant: \$299,610
- AOC GLRI grant: \$130,000
- City roadway project: \$130,000

- Address eroding streambanks by creating vegetated floodplain bench, improve sinuosity of channel, and add in-stream habitat features.
- Addresses BUI 6, 14a



Detwiler Park Restoration

- Stream and Wetland Restoration
- 319 grant: \$472, 333
- Match: \$314, 866

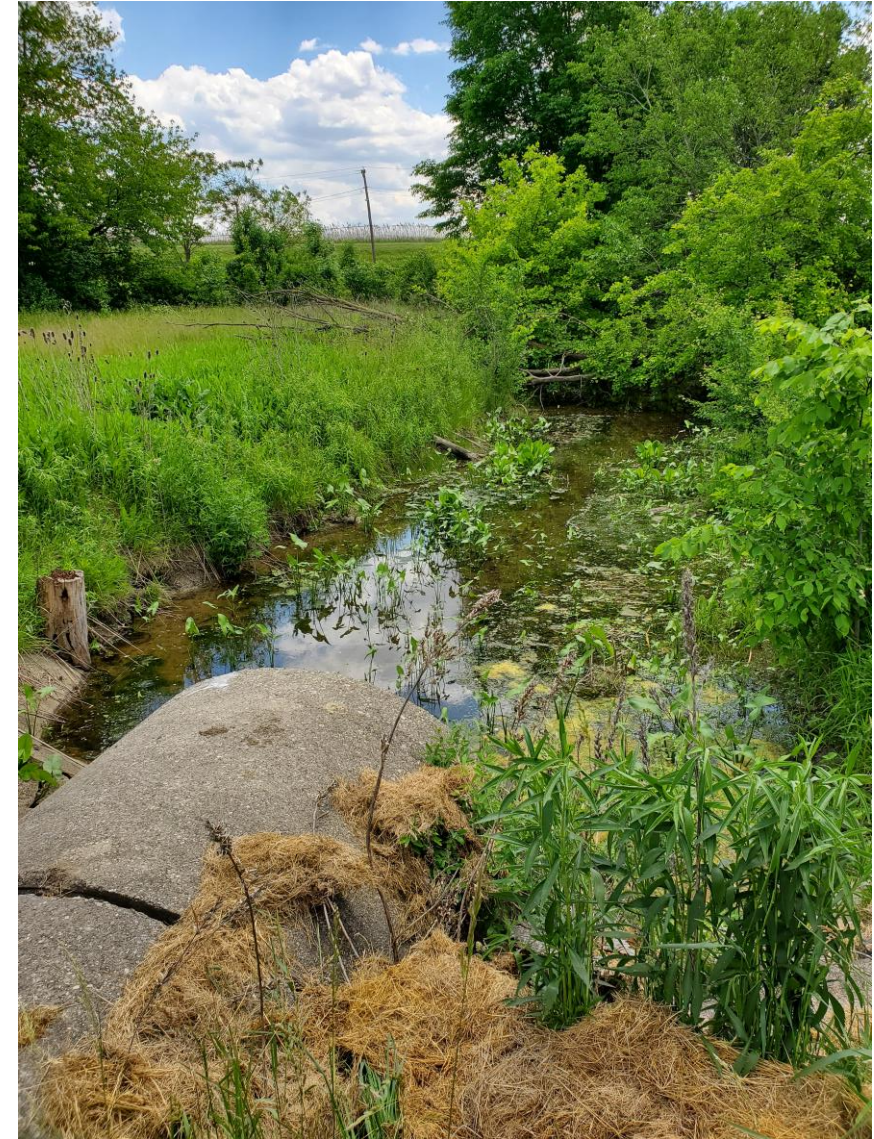


- Restore natural stream channel morphology, connect stream to floodplain & wetlands, create instream habitat
- Addresses BUI 3 – degradation of fish & wildlife population, BUI 6 – degradation of benthos, BUI 14 – loss of fish & wildlife habitat

Collins Park Restoration Feasibility Study

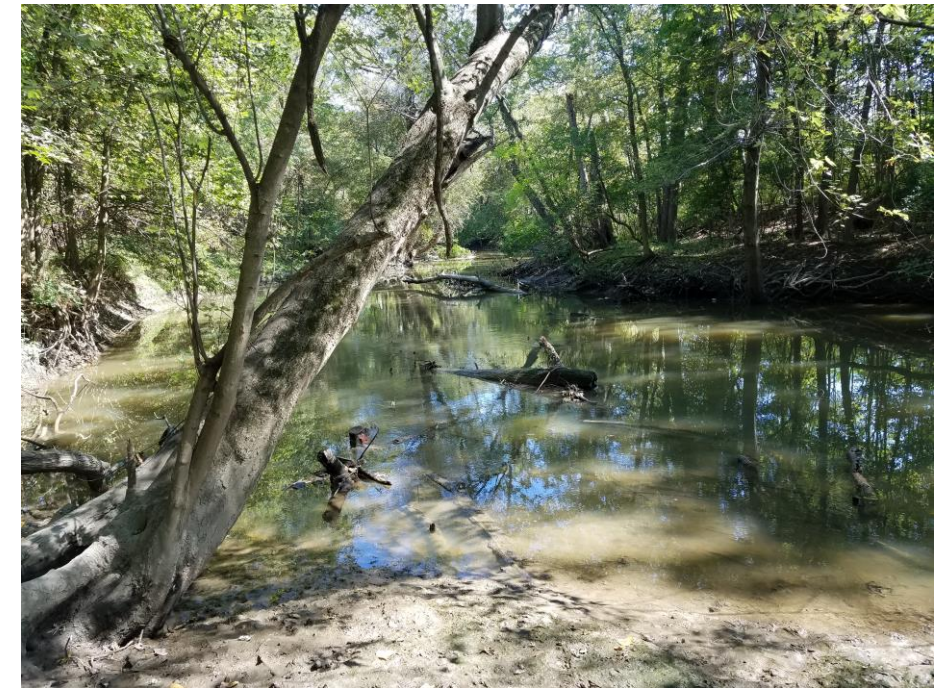
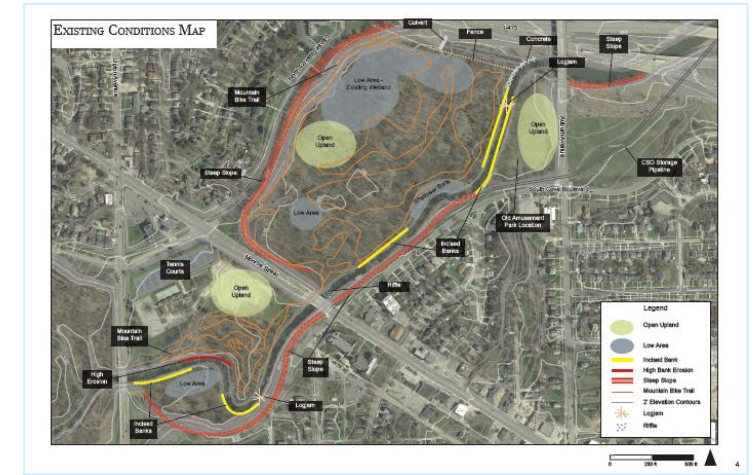
- NOAA funding ➡ GLC ➡ City of Toledo
- \$175,500 for Feasibility Study
- Activities will develop a plan to restore fish habitat

- Regrading and creating streambank benches between culverts on Duck Creek. Create wetland channel in the upstream end of Duck Creek.
- Addresses BUI 3 – degradation of fish population, BUI 6 – degradation of benthos, BUI 14 – loss of fish habitat



Restoration of the Ottawa River in Jermain Park

- Stream and Wetland Restoration
- Management Action in Progress
- Project Funding: \$614,147
- Anticipated Restoration activities include:
 - Enhancing 2.7 acres of wetland
 - Stabilizing 2,300 feet of eroding streambank
 - Enhancing 750 feet/ 1.5 acres of riparian buffer

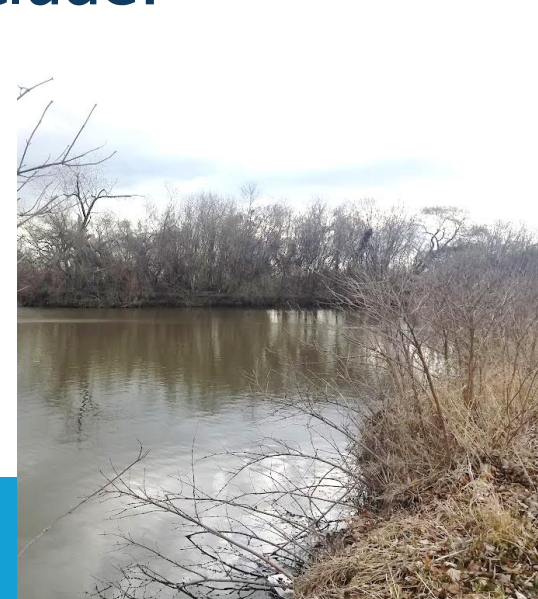
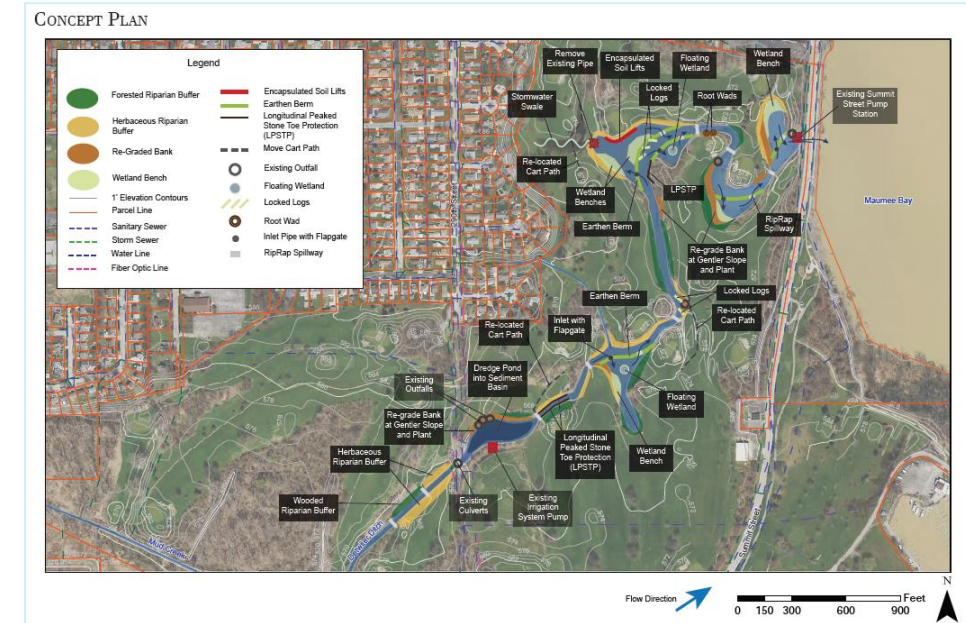


Addresses BUI 3, 6 and 14a

Detwiler Golf Course Stream Restoration

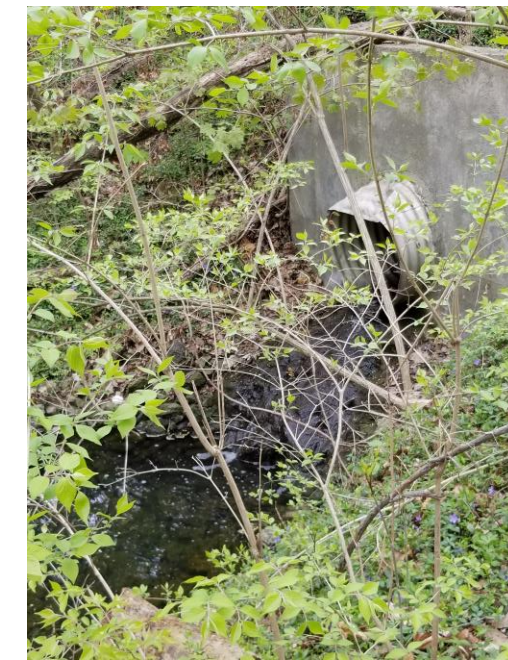
- Stream Restoration
- Management Action Needs Funding
- Project Funding Request: \$1,000,000
- Anticipated Restoration activities include:
 - Improve Benthic Habitat in Detwiler Ditch
 - Restore approx. 0.8 acres of wetland habitat
 - Address 2,100 LF of eroding streambank
 - Restore 6,200 LF of riparian buffer

Addresses BUI 6

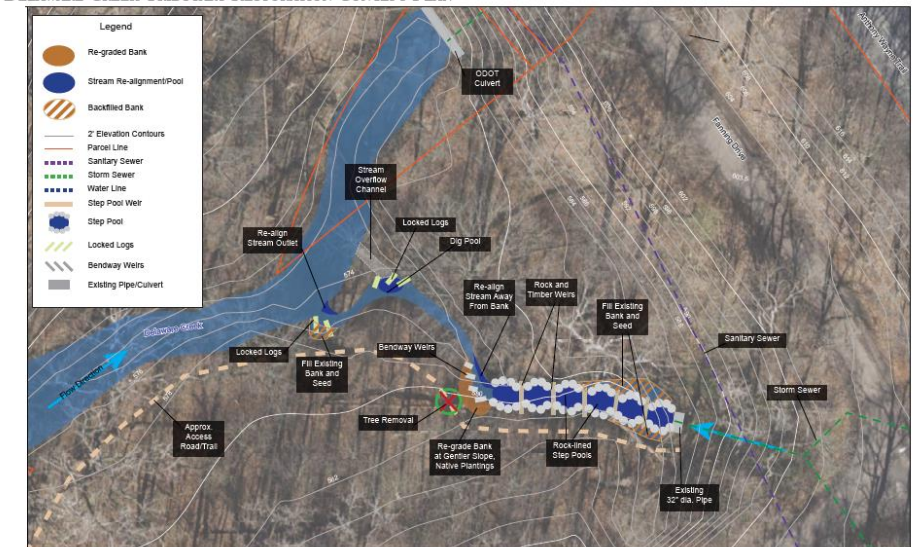


Delaware Creek Phase II

- Stream Restoration
- AOC GLRI grant: \$500,000
- Construction slated for late 2024
- Culvert downstream slated for work 2024



DELAWARE CREEK TRIBUTARY RESTORATION CONCEPT PLAN



- Address eroding streambanks by installing a series of pools, bank stabilization, and add in-stream habitat features.
- Addresses BUI 6, 14a

Our Partners:

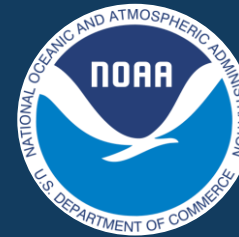




These projects were made possible because they are located within the Maumee Area of Concern, and are priority projects for aquatic populations and habitat.



Some of these projects were made possible by the City of Toledo receiving financial support from the United States Environmental Protection Agency (EPA) via the Great Lakes Restoration Initiative.



Some of these projects were made possible by the City of Toledo receiving funding from the NOAA Restoration Center and Great Lakes Restoration Initiative.

THANK YOU FOR YOUR TIME TODAY.

➔ ANY QUESTIONS?