

2019 Crosstown Ponds Dredging Project

Forest St. between Park St. and Rose St. will be closed in both directions for the duration of the project

Pond 2

Pond 3

Pond 1

Crosstown Pond 1 to be Dredged

To be cleaned & inspected

This summer the City of Kalamazoo will be removing sediment from Pond 1 at the Crosstown Ponds as well as inspecting and cleaning the Axtell Creek Culverts. This project is an operation and maintenance item to restore the Crosstown Ponds back to their original design capacity. When operating at their designed capacity, the Crosstown Ponds help to reduce the impact of rain storms lasting a full 24 hours with a total rain fall amount of 2.69 inches.



Crosstown Ponds Dredging Project

Project Overview

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Sediment will be removed from Pond 1 which is bordered by Park St. to the west, Crosstown Pkwy to the east, and Forest St. to the north. Equipment will be set up on Forest St. and will enter the pond at that location. Forest St. between Park St. and Rose St. will be closed in both directions for the duration of the project. Once the sediment is removed from the pond the water will be taken out of it and put back into the pond before sending the sediment off-site. Different parts of Rose St. will be impacted by the dewatering phase.

During the second phase of this project, the quality of the Axtell Creek Culverts along Crosstown Pkwy will be examined and sediment will be removed from the culverts to clean them as necessary. For this phase there will be equipment in the streets along Crosstown Pkwy and Burdick St with minor traffic control.

Crosstown Ponds System

Stormwater from Axtell Creek flows into the Crosstown Ponds, first through Pond 1, then through Pond 2, and finally through Pond 3, dropping sediment in the ponds as it travels. The water then flows through the Axtell Creek Culverts before ultimately reaching the Portage Creek.

The Crosstown Ponds allow sediment to settle out of the traveling stormwater into an accessible area, which allows for routine maintenance efforts. This stormwater system is **not** connected to the sanitary sewer system. The City of Kalamazoo is unique in the fact that it has a Separate Sewer System meaning that sewage and stormwater are diverted into different pipes.

For More Information

Visit the project page:

 www.imaginekalamazoo.com/projects/crosstownponds

Follow us on Facebook for updates:

 @kalamazoocity

Email questions to:

 cokpublicservices@kalamazoocity.org

2019 Timeline

Phase 1

Crosstown Ponds Dredging

April

Equipment moves in on Forest St.

April & May

Dredging of Pond 1

May - August

Dewatering of material

August

Clean up and restoration

Phase 2

Axtell Creek Culverts

June

Equipment set up

June - August

Pipe cleaning and inspection

Mid August

Equipment removal

Flooding Update

The City of Kalamazoo is currently working with the U.S. Army Corps of Engineers to develop hydraulic modeling and flood inundation mapping for the Kalamazoo River, Portage Creek, and Axtell Creek.

The objective of this study is to provide real-time flood inundation maps for emergency response as well as to better understand the river dynamics including flow characteristics and flooding impacts from different scenarios. The model and results of this study may be used in consideration of future floodplain mitigation and emergency management.