

RESOLUTION 2023-32

A RESOLUTION TO FILE PETITION PURSUANT TO CHAPTER 20 OF ACT 40 OF THE PUBLIC ACTS OF MICHIGAN, 1956, AS AMENDED, REGARDING THE YPSILANTI TOWNSHIP DRAIN #01

WHEREAS, the Township of Ypsilanti, Michigan, is a Michigan municipal entity ("Township"); and

WHEREAS, the Township acting by and through its legislative body, the Township Board, recognizes that it is necessary for the public health to perform maintenance and improvements, as more fully described on Exhibit A attached hereto and made a part hereof (the "Drain Project"), to the Ypsilanti Township Drain #01 (the "Drain") pursuant to Chapter 20 of Public Act 40 of Michigan, 1956, as amended ("Drain Code"); and

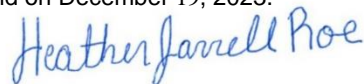
WHEREAS, the lands to be benefited by the Drain are wholly located within the Township; and

WHEREAS, the Township recognizes that it will be subject to assessment to pay for a percentage of the cost of the Drain Project; and

NOW, THEREFORE BE IT RESOLVED THAT, the Township Board does authorize the filing of a petition for the Drain Project.

BE IT FURTHER RESOLVED THAT the Clerk is authorized to execute the petition for the Drain Project.

I, Heather Jarrell Roe, Clerk of the Charter Township of Ypsilanti, County of Washtenaw, State of Michigan hereby certify the above resolution is a true and exact copy of Resolution No. 2023-32 approved by the Charter Township of Ypsilanti, Board of Trustees assembled at a Regular Meeting held on December 19, 2023.



Heather Jarrell Roe, Clerk
Charter Township of Ypsilanti

EXHIBIT A

DESCRIPTION OF MAINTENANCE AND IMPROVEMENTS

On August 24, 2023, an intense rainfall occurred over regions in Ypsilanti Township that qualified as a 500-year storm event. Over a four-hour period, the neighboring Willow Run Airport registered 5.37 inches of rainfall which resulted in infrastructure damage, expansive flooding, and basement backups. Residents in the West Willow neighborhood were particularly impacted with widespread reported flooding and damage. Due to the age of the system and a number of changes that have happened throughout history to modify drainage patterns, a stormwater conveyance model will be necessary to identify the root causes of the flooding issues and identify potential solutions. The study will aim to develop a set of stormwater management alternatives that can be incorporated into upcoming CIP planning efforts to improve the level of service for the impacted community. With the projected recurrence of catastrophic storm events on the rise as a result of climate change, planning needs to take place now that will address current problems while simultaneously planning for the future needs. Proposed solutions will need to consider that catastrophic events may begin to occur on a more regular basis into the future. Engagement with the public will be an important and challenging aspect of this project but is absolutely critical to the long-term success of potential solutions.

A large portion of the Ypsilanti Township #01 Drain is currently owned by the WCRC and has not been digitally mapped. As a result, an extensive field evaluation will be necessary to clean, televise, and collect asset data to fill in the network data gaps. Coordination with WCRC and vested team members will be necessary throughout this project to identify sustainable solutions that will benefit the community as well as the asset owners.

Ultimately, after a system alternatives analysis of the stormwater model, stormwater conveyance alternatives to improve flow and reduced flooding in the network will be considered. After evaluation of the alternatives, a proposed configuration will be selected and presented to stakeholders for consideration and implementation.