



ADVISORY COMMITTEE ON INFRASTRUCTURE

Planning in Progress to Select Flood Reduction Infrastructure Projects with \$40 Million in State Appropriations

Dear City of Midland Resident,

The State of Michigan has awarded our community \$40 million in funding to support projects that reduce the severity of flooding events and enhance flood resiliency in Midland. In partnership with the City of Midland, a task force directed by the Midland Business Alliance (MBA) called the Advisory Committee on Infrastructure (ACOI) is currently hard at work identifying and evaluating potential flood reduction projects that could be completed with this funding. Approximately 40 options have already been identified for evaluation at this time.

In the coming weeks there will be opportunities to learn more about these potential projects, share your thoughts about directions we've not yet considered, and engage in community discussion. We encourage and welcome your participation throughout this process.

In the meantime, we invite you to visit **cityofmidlandmi.gov/floodresiliency** to learn more about the critical efforts currently underway to strengthen Midland's flood resiliency, including progress updates, studies, and proposed projects under consideration. This website also provides an opportunity for you to sign up and receive information on upcoming meetings and updates on progress being made as we define the most effective projects to protect our community from future flooding.

The next few months promise to be a busy time. Due to funding-related deadlines, decisions on future projects will take place by the end of 2024. Those decisions have the opportunity to fundamentally impact our community and we look forward to your participation in this important work.

Sincerely,

C. Bradley Kaye
City Manager

J.W. Fisher
MBA ACOI Co-Chair

Lee Ann Keller
MBA ACOI Co-Chair

What's being done now?

The City of Midland has received two grants totaling \$40 million for flood reduction and resiliency infrastructure projects:

- \$25 million from the American Rescue Plan Act (ARPA), administered by the Michigan Department of Environment, Great Lakes, and Energy (EGLE); and
- \$15 million enhancement grant from the State, administered by the Michigan Economic Development Corporation (MEDC)

The United States Army Corps of Engineers (USACE) is studying the hydrology and hydraulics of the Tittabawassee River with the goal of identifying long-term flood reduction projects.

Additional funding is currently being pursued for the removal of debris from streams and drains around Midland.

Project Types Under Consideration

- **Floodwalls, flood gates, and pump stations:** Implement ways to prevent water back-up from the Tittabawassee River entering Snake Creek, Sturgeon Creek, and State Drain.
- **Stormwater storage areas/floodplain enhancements:** Provide temporary storage areas for stormwater, including ponds, enlarged floodplain areas adjacent to existing water ways, constructed wetlands, or holding basins.
- **Culvert replacements and improvements:** Replace aging and underperforming culverts within the Snake Creek and Sturgeon Creek watersheds.
- **Open channel drainage system improvements:** Maintain existing open channel drainage systems, including sediment removal, debris removal, erosion repairs, and conveyance capacity improvements.
- **Upsizing storm sewer infrastructure:** Increase the size of storm sewer pipes to increase conveyance capacity and better handle routine storm events.

Evaluation Criteria

Criteria that will be used to evaluate projects include:

- Level of flood protection/reduction to be provided
- Effectiveness at reducing the frequency and severity of flooding
- Estimated costs (completion, operation, and maintenance)
- Effectiveness as a standalone project
- Ability to meet State and Federal environmental regulations and mitigation requirements
- Alignment with other City efforts (such as the Concept 5 Sewer Improvement Plan)
- Compatibility with other USACE efforts
- Land acquisition opportunities compared to project needs
- Probability of completion within required funding timelines
- Community input

About the MBA Advisory Committee on Infrastructure

Recognizing the broad threat that flooding continues to pose to the Midland community both within and beyond the city limits, business and governmental leaders worked together to develop a collaborative team to focus on infrastructure issues that affect the quality of life and economic vitality of Midland and the region. This team, called the Advisory Committee on Infrastructure (ACOI), seeks to find the best ways to work with local, state, and federal partners to address longstanding flooding issues affecting residents, businesses, and future development efforts in the region. The ACOI operates under the direction of the Midland Business Alliance Board of Directors.

Two specific concerns were identified by this group: 1) Legacy challenges of severe flooding throughout Midland County and surrounding areas, including within the city limits of Midland; and 2) Sanitary sewer and stormwater issues in the city. The ACOI is currently reviewing and analyzing options that will best solve these challenges and will provide a report to Midland City Council later this year for consideration and selection of future projects.

Visit the website to:

Learn more about the process

Submit ideas for consideration

Sign up for email notifications

Stay informed on progress updates