

An aerial photograph of a city, likely Midland, Michigan, featuring a prominent river and a large, arched bridge. The city buildings and greenery are visible in the background. A red banner is overlaid across the middle of the image.

HIGH WATER MARK



MIDLAND BUSINESS ALLIANCE

**ADVISORY COMMITTEE
ON INFRASTRUCTURE**

Presenters:

Tony Stamas, Lee Ann Keller, J.W. Fisher, Bill Schuette

MIDLAND BUSINESS ALLIANCE (MBA)

- Midland County's comprehensive business hub
- Leading the attraction, development, and growth of business
- Representing 3,000+ businesses – from *Fortune* 500 companies to start-ups
- Supporting community development and critical infrastructure initiatives

MBA ADVISORY COMMITTEE ON INFRASTRUCTURE

- Formed in 2021
- To examine any infrastructure issues that affect the ***quality of life and economic vitality*** of Midland and the mid-Michigan region



MIDLAND BUSINESS ALLIANCE

**ADVISORY COMMITTEE
ON INFRASTRUCTURE**

OUR MISSION



Our First Mandate

Address longstanding flood issues that impact the citizens, business community, and economic development in the Great Lakes Bay Region ... by finding the best ways to work with local, state, and federal partners

Primary Areas of Focus

- **Legacy flooding challenges – reducing the frequency and severity of flooding**
- **Related sanitary sewer/stormwater issues**
- **Improving resiliency**

LEGACY FLOODING

- Midland receives waters from four river systems:
 - Tobacco and Tittabawassee from the north
 - Pine and Chippewa from the west
- Historic river crests exceeding “major flood stage” (28 feet): 1986, 2013, 2014, 2017, and 2020
 - Plus many more events at the flood stage of 24 feet
- 2020 was already heading for a major flood **before** the dam failures

LEGACY FLOODING



LEGACY FLOODING



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LEGACY FLOODING



RETURN ON INVESTMENT (ROI)

Since the MBA Advisory Committee on Infrastructure was founded in early 2021, we've raised **\$1.3+ million** in local seed money and in-kind resources from 11 businesses/organizations ... allowing us to leverage additional state and federal funding of **\$58+ million**

(“ROI” = **44.9 to 1**)

Two lanes ...

- Longer-term projects
- Short- to mid-term projects



ROI – EXAMPLES OF RECENT FEDERAL GRANTS

Federal Community Project Funding grants include:

- **\$2 million** for MyMichigan Medical Center to relocate its boiler plant for flood resiliency
 - Plus a \$5 million state appropriation (Michigan Public Acts of 2022)
- **\$1 million** for City of Midland pump station detention basin
- **\$805,000** for Midland County floodplain reconnection and enhancement project
- **\$2 million** for Midland County snag and debris removal

(See more examples on “ROI” document on our website)

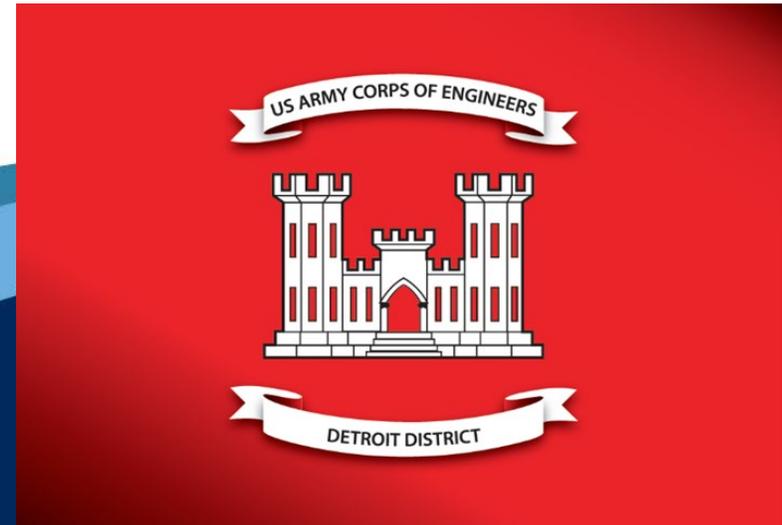
ROI – EXAMPLES OF RECENT FEDERAL GRANTS

Our requests for FY 2026 include:

- **\$955,000** for the Village of Sanford to support the design engineering phase of the Saginaw Road Bridge reconstruction, damaged during the 2020 flood
- **\$600,000** for a City of Midland emergency power generator for a pump station supplying drinking water

LONGER TERM – FIRST STUDY

- U.S. Army Corps of Engineers – Detroit District
- First study: hydraulics and hydrology of the Tittabawassee River Watershed (2021 start)
- Local partners: County of Midland, MBA
- 50% local cost-share



LONGER TERM – SECOND STUDY

- U.S. Army Corps of Engineers General Investigation (GI) study – 2024 start
- Authorized by Congress – one of only **FIVE** in the country
- Funding in place for multi-year study
- Local partners: County of Midland, City of Midland, and MBA
- Local 50% cost-share in place via state grant to City of Midland

LONGER TERM – SECOND STUDY

- Uses the data/results from the first study to help develop solutions
- Determines the feasibility and cost-benefit of possible projects
- GI study can lead to Congressional authorization for future construction
 - With a favorable 35% local cost-share
 - Would require Congressional appropriation for the government's share
- Possibilities could include: floodwalls, pump stations, levees, detention/retention basins, structure raising, relocation of infrastructure, green infrastructure, and nature-based solutions

MID-TERM – \$40 MILLION CITY PROJECTS

- Working with state legislators, we helped secure \$40 million for the City of Midland's flood reduction/resiliency infrastructure projects
 - \$25 million from American Rescue Plan Act (administered by EGLE)
 - \$15 million state enhancement grant (administered by MEDC)
 - City has designated \$1.5 million of this grant for second USACE study's local 50% cost-share

OUR WORK CONTINUES

- **Fundraising** for projects that address flood reduction, resiliency, and recovery efforts
- **Advocacy** at the state and federal levels to communicate and build relationships with our legislators
- **Communication** with the community, our partners, and our stakeholders
- **Seeking** big and small solutions to reduce the frequency and severity of legacy flooding



MIDLAND BUSINESS ALLIANCE

**ADVISORY COMMITTEE
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STAY UP TO DATE

Cityofmidlandmi.gov/FloodResiliency

MBAmi.org/FloodStudy



THANK YOU



MBAmi.org/FloodStudy



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