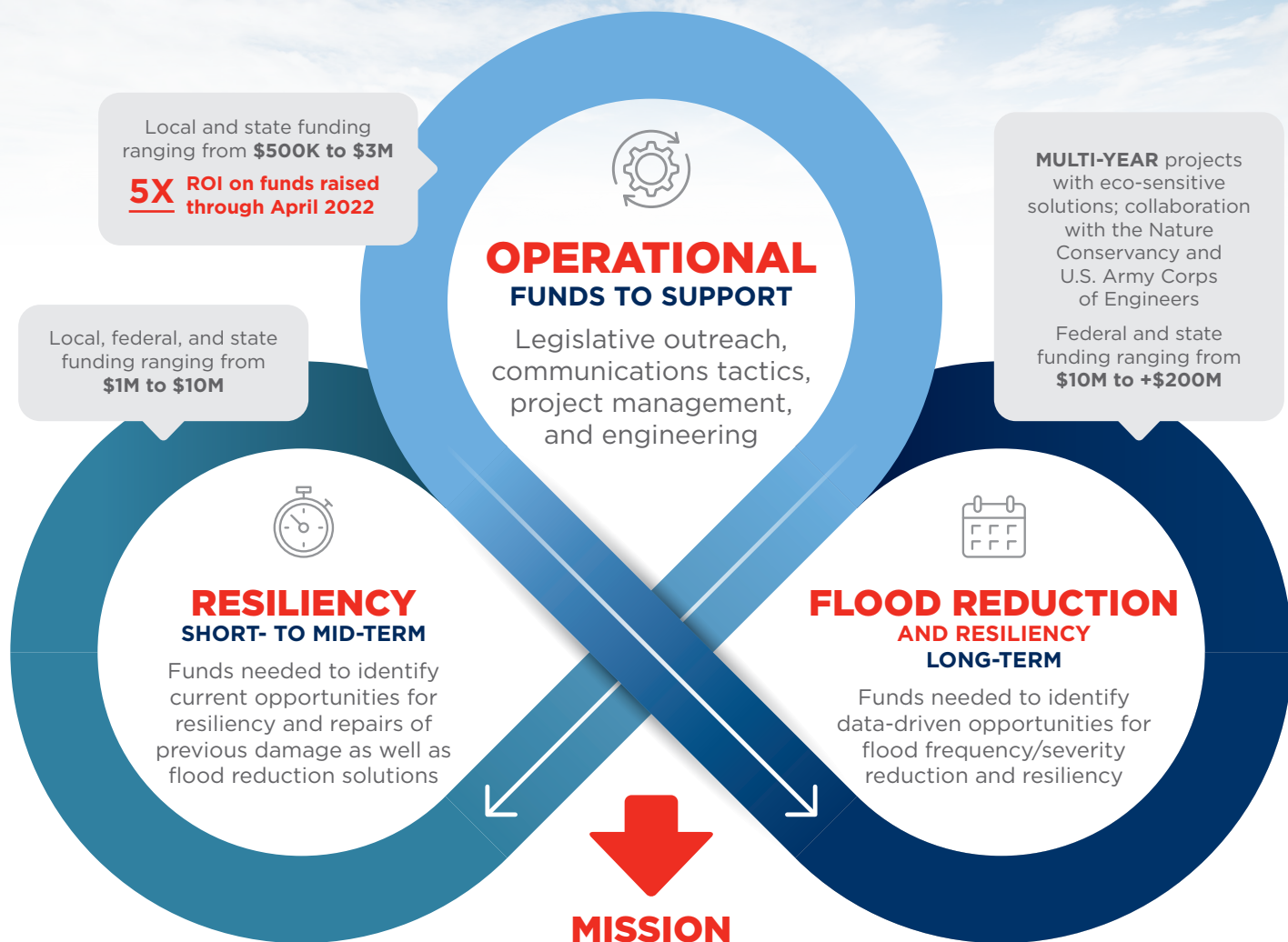




MIDLAND BUSINESS ALLIANCE

ADVISORY COMMITTEE ON INFRASTRUCTURE



Local and state funding ranging from **\$500K to \$3M**

5X ROI on funds raised through April 2022

MULTI-YEAR projects with eco-sensitive solutions; collaboration with the Nature Conservancy and U.S. Army Corps of Engineers

Federal and state funding ranging from **\$10M to +\$200M**

Local, federal, and state funding ranging from **\$1M to \$10M**

RESILIENCY SHORT- TO MID-TERM

Funds needed to identify current opportunities for resiliency and repairs of previous damage as well as flood reduction solutions

FLOOD REDUCTION AND RESILIENCY LONG-TERM

Funds needed to identify data-driven opportunities for flood frequency/severity reduction and resiliency

MISSION

Reducing the frequency and severity of flooding in Midland and our surrounding communities



HOW IT ALL BEGAN

SANFORD-GLADWIN REBUILD

The MBA provided the leadership to commence short-term and long-term rebuilding and resiliency in Midland and Gladwin Counties. **The \$825,000 was raised** from Gerstacker Foundation, Strosacker Foundation, Dow, Corteva, Alden and Vada Dow Family Foundation and used to:

- Rebuild portions of Sanford's downtown and a key landmark in Gladwin; each received up to \$200,000
 - Sanford Hardware
 - The Red Oak Restaurant
 - Stryker's Lakeside Marina
- Rebuild 3 homes: 2 in Sanford; 1 in Beaverton; each received up to \$100,000

- Robinson Industries provided a gift to help revitalize Sanford's Ellis Party Store and Marathon gas station

The need for an infrastructure committee was immediately identified and the MBA Advisory Committee on Infrastructure was formed.



WHERE WE STARTED

- **Raised nearly \$1M (private funds) for first engineering study**, flood reduction advocacy efforts, and community engagement (2021)
- Hired contractor to **complete river surveying/geographic information system (GIS) mapping** for the hydrologic/hydraulic study — **provided to U.S. Army Corps of Engineers (USACE)**
- **USACE, County of Midland, and the MBA jointly launched a hydrologic/hydraulic study** of the Tittabawassee River Watershed
 - Required **50% local cost-share was funded by MBA Advisory Committee on Infrastructure**
 - Three-year study (to be finalized in 2024)



WHAT WE'RE DOING

- Utilizing engineering services
- Building on advocacy and creating partnerships
- Community involvement and communication
- Support of parallel efforts with Four Lakes Task Force – data and info sharing



HOW WILL STUDY RESULTS TURN INTO PROJECTS?

- Data will identify:
 - Areas for improvement to sanitary sewer systems, drain improvements
 - Potential development of wetlands, natural floodplains and conservation easements
- Recommendations from experts — **and the community** — will drive the types of infrastructure improvements considered
- Citizens and other local, state and federal stakeholders will **play key roles in determining the best pathway forward**



LEGISLATIVE SUCCESS IN 2022

- **FEMA federal cost-share** for 2020-21 major disasters **adjusted from 75% ... to no less than 90%** of eligible costs
- Three Community Project Funding requests included in the U.S. House/Senate appropriations process (approved in March 2022)
 - **\$750,000 for the City of Midland** storm/sanitary sewer improvements project
 - **\$500,000 for the Midland Center for the Arts** revitalization following 2020 flooding
 - **\$400,000 for Midland County** flood data collection, forecasting tools/planning
- Committee successfully requested **\$3M for flood reduction planning** through the **Michigan legislature** (2022) intended to help fund:
 - Second USACE study to further recommend flood reduction solutions
 - Collaborative engineering services to conceptualize shorter-term projects to reduce the frequency and severity of flooding in mid-Michigan

2023 APPROPRIATIONS PROCESS

Developed and submitted three new Community Project Funding requests for the U.S. House/Senate appropriations process (April 2022):

- **\$1M for the City of Midland** Sylvan Pump Station Detention Basin project
- **\$2M for MyMichigan Medical Center Midland** boiler plant and flood resiliency project
- **\$750,000 for Midland County** flood plain reconnection and enhancement project

CONTINUE WORK TO CAPTURE FUNDS

- The bipartisan Infrastructure Investment Jobs Act (IIJA)
- Water Resources Development Act (WRDA)
- Private sector fundraising and maximizing federal and state resources
- Other resources yet to be identified

mbami.org/floodstudy

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