

















## **APPROACH**



- Replicable model for Great Lakes communities
- Public-private partnerships
- Citizen-centered voice of flood victims
- Community-wide + brings multi-benefits



### Hierarchy for Stormwater Management



#### **AVOID IT**

Avoid stormwater runoff by limiting expansion of impervious surfaces such as parking lots

#### SINK IT

Sink rain where it falls with porous paving, trees, and rain gardens

#### **HOLD IT**

Hold any excess run-off temporarily through basins in parks, golf courses, reservoirs, etc.

#### **SENDIT**

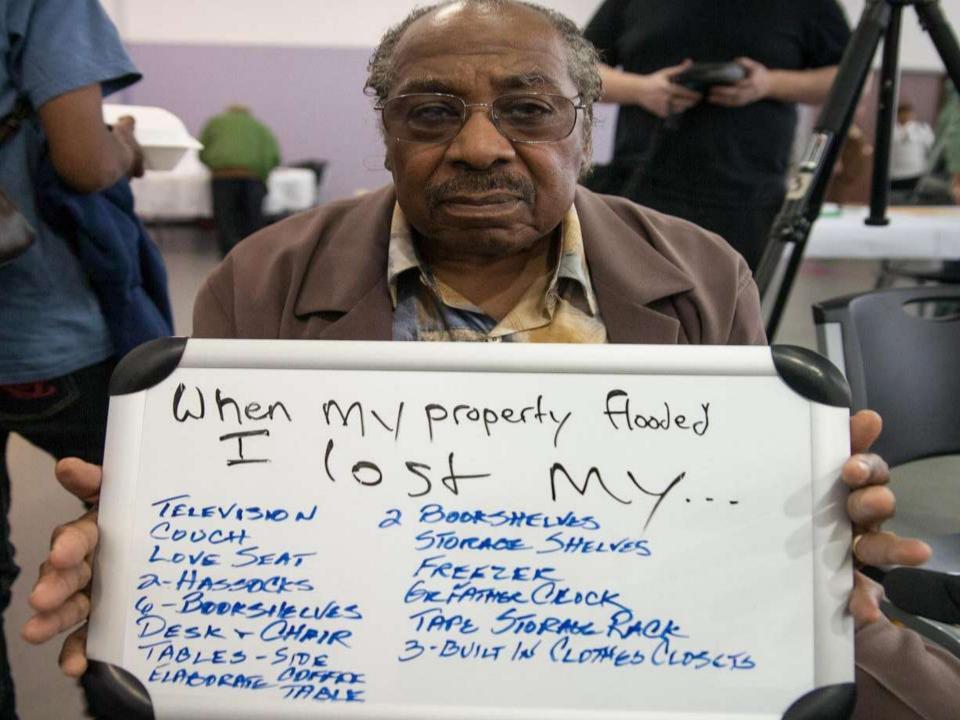
Send run-off that can't be detained in the neighborhood to treatment facilities using pipes, tunnels, and ditches









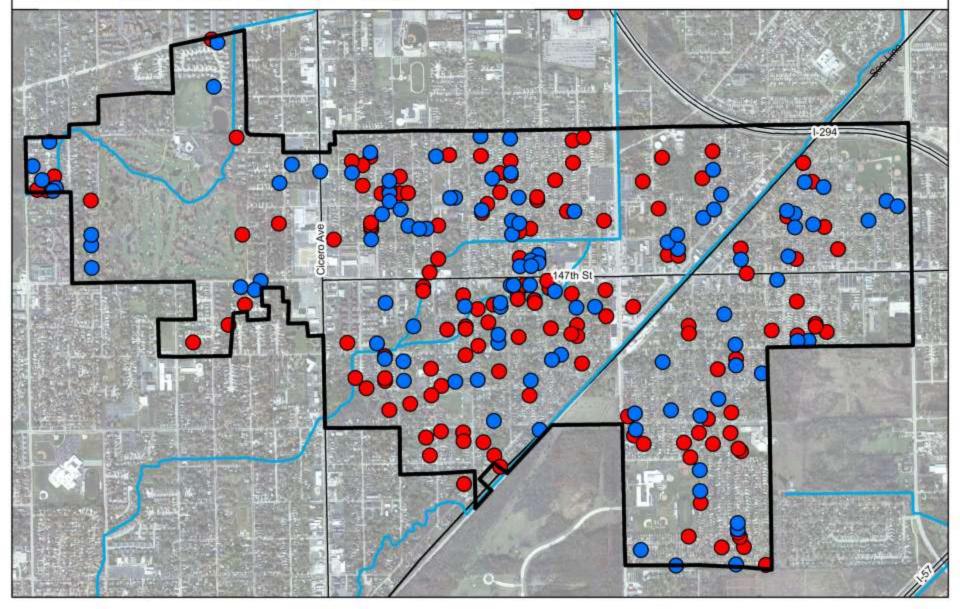


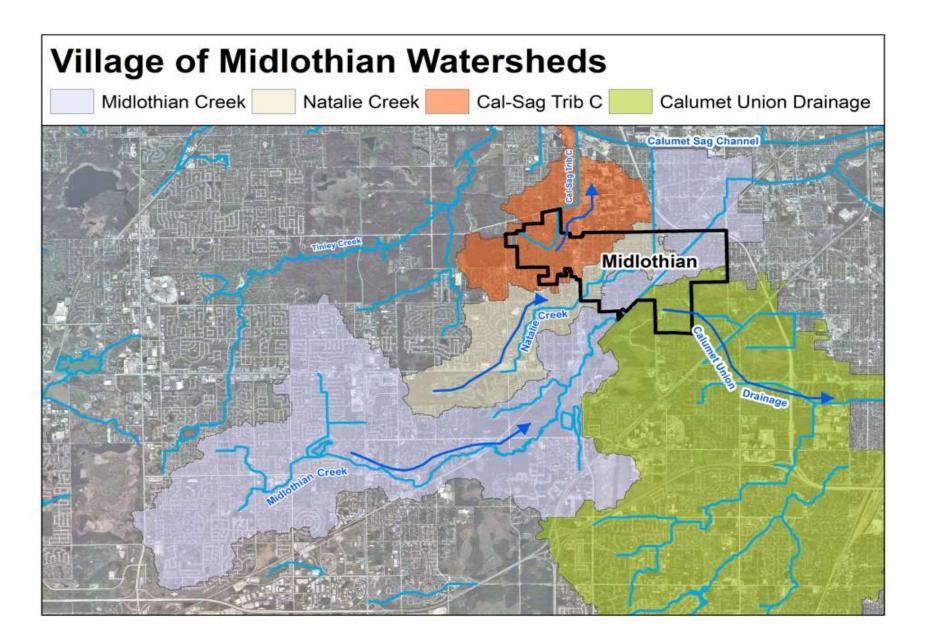




### Do you experience flooding?

Yes - 57%No - 43%



























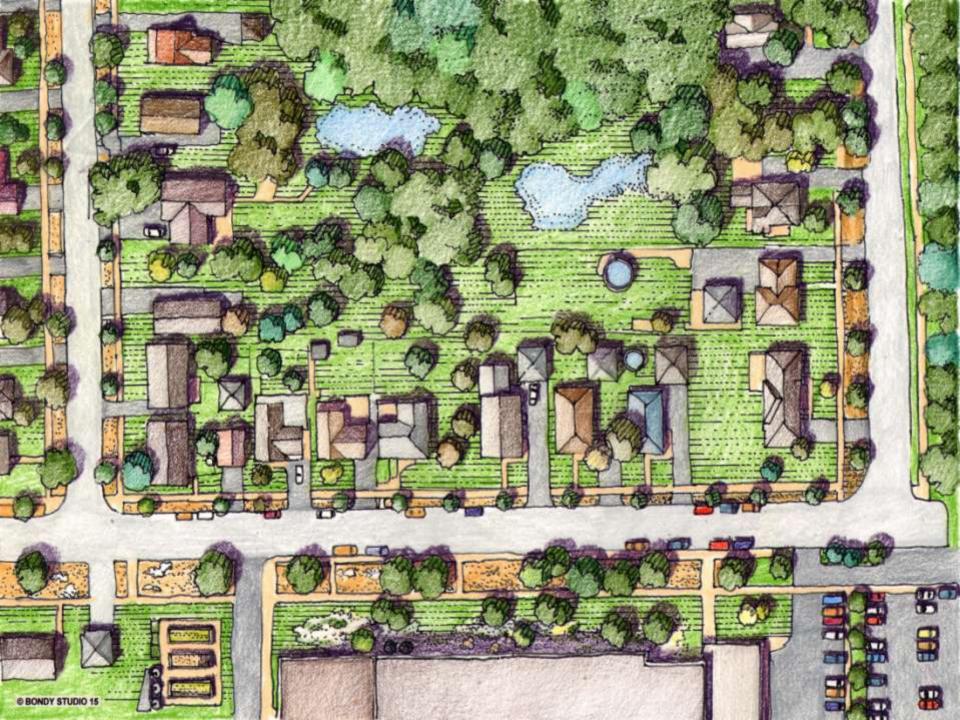












# **BENEFITS**



- Improved water quality
- Water conservation
- Ecological restoration
- Tree canopy and urban forestry
- Brownfield + industrial site
- Vacant properties
- Complete streets + walkability
- Recreation
- Workforce training
- Energy efficiency
- Climate mitigation + adaptation



### WHAT CAN GOVERNMENTS DO?

- 1) Remove barriers to information disclosure
- 2) Remove barriers to sustainable financing
- 3) Conduct statewide risk assessments
- 4) Establish innovation funds and competitions
- Map and enhance state and federal natural defences





