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.

SEND IT
Send run-off that can’t be detained in the neighborhood to treatment facilities using pipes, tunnels, and ditches
One of 12 homes with repeat flooding
Reaches 3 foot
Over 15 year period
When my property flooded, I lost my:

- Televisions
- Couch
- Love seat
- 2 hassocks
- 4 bookshelves
- Desk + chair
- Tables - side
- Elaborate coffee table
- 2 bookshelves
- Storage shelves
- Freezer
- Father clock
- Tape storage rack
- 3 built-in clothes closets
Do you experience flooding?

- Yes - 57%
- No - 43%
Village of Midlothian Watersheds

- Midlothian Creek
- Natalie Creek
- Cal-Sag Trib C
- Calumet Union Drainage

Map showing the watersheds and drainage channels.
RAINREADY HOME
RAINREADY COMMUNITY
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
5) Map and enhance state and federal natural defences