

4.0 Implementation and Monitoring

4.0 Implementation and Monitoring

The purpose of this plan is to identify mitigation strategies that will be implemented before, during or after a disaster to permanently eliminate or reduce risks to human life and property from natural, technical or societal hazards. The purpose of preparing plans for each local government in Washtenaw County is to position them for implementing strategies outlined in their plans. The Washtenaw County Emergency Management Division is ready to support local governments with hazard mitigation projects listed in their plans.

The Federal Emergency Management Agency (FEMA) emphasizes structural mitigation strategies, such as relocating structures to safer areas, improving the capacity of infrastructure, replacing culverts, or re-engineering bridges or buildings. Currently, there are a small number of Washtenaw County communities that have identified these types of projects. The projects that are an immediate priority for FEMA, are not a priority for the majority of communities at this time.

4.1 Implementation

This section prioritizes mitigation strategies, and identifies the parties responsible and, if possible, estimated costs. Deadlines for completing the projects are purposely omitted, as such deadlines are subject to uncertain factors, such as staff resources, funding assistance or grant submittal and award dates.

Mitigation strategies of local governments are listed by hazard in Section 3.3, and summarized on Table 29. Implementation of the strategies is the responsibility of the local governments, however, Washtenaw County supports these strategies and will assist local governments with implementation. In addition,

Washtenaw County is responsible for implementing the following County-specific strategies permitted adequate funding and availability of resources.

Priority Strategies

Strategy: Pursue grants for mitigation strategies and submit applications on behalf of local units of government, if permitted by the grant requirements and the local governments in which the project is located.

Responsible Agency: Washtenaw County Emergency Management Division

Cost: Staff time.

Strategy: Offer technical assistance to local governments or residents pursuing their own grant applications or otherwise funded projects for dam repairs, bridge repairs, culvert replacements or emergency shelters for manufactured housing parks and fair grounds. Manufactured housing park residents may need assistance with securing funds to properly anchor their units.

Responsible Agency: Washtenaw County Emergency Management Division

Cost: Staff time.

Strategy: Prepare a County-wide inventory of dams and spillways targeted for removal. The Dam Removal Guidelines for Owners by the Michigan Department of Natural Resources will be used to as a resource to determine the necessity for their removal. The primary goal is to prepare for actual removal of the dam or spillway, using federal funds as a structural mitigation project.

Responsible Agency: Washtenaw County Emergency Management Division.

Cost: Staff time.

4.0 Implementation and Monitoring

Strategy: Incorporate Strategies into the Comprehensive Plan for Washtenaw County and other plans as relevant
Responsible Agency: Washtenaw County Department of Planning and Environment
Cost: Staff time.

4.2 Sources of Financial Assistance

Implementation of the mitigation strategies is often dependent on funding assistance from Federal and State sources. FEMA provides funding for structural projects through hazard mitigation grant programs, such as the Hazard Mitigation Grant Program, Pre-Disaster Mitigation Assistance Program, and the Flood Mitigation Assistance Program. Strategies that qualify for a FEMA assistance include structural improvements to dams, bridges, culvert replacement, as well as emergency generators and warning sirens.

Financial support for other mitigation strategies proposed in this plan may be sought through alternative funding sources. Projects may be implemented with the assistance of non-profit organizations, or funds secured from Community Foundations. There are many State and Federal programs, in addition to private funding sources, that are available. A summary table of sources is provided as Appendix B in the local unit plans. Descriptions are found in MSP/EMD Publication 207, Supplement, *Funding Sources for Hazard Mitigation*.

Finally, it is important to note that mitigation strategies are based upon existing Emergency Management policies. Generators for all critical facilities and outdoor warning sirens are two of the key mitigation strategies in the county plan and most of the local government plans. These strategies are consistent with current policy, which states:

- Operators of all critical facilities are strongly encouraged by the Washtenaw County Emergency Management Division to install automatically switching generators in order to assure continuity of services during crisis events. There are no federal, state, or county laws, regulations or ordinances to mandate such emergency power systems, but it is highly recommended.
- The Washtenaw County Emergency Management Division, under the direction of the county's Emergency Management Resolution and approved Emergency Action Guidelines, triggers outdoor warning sirens for appropriate emergencies; and conducts routine tests of the sirens.

4.3 Plan Maintenance

Maintenance of the plan is the joint responsibility of the Washtenaw County Emergency Management Division and the Department of Planning and Environment. Local governments have the responsibility of maintaining their own plans, although the County is available as a resource. Where appropriate, hazard mitigation goals, objectives and strategies will be recommended for inclusion in community master plans through the opportunity to comment required under the Municipal Planning Act and the Township Planning Act.

4.4 Monitoring

The Washtenaw County Emergency Management Division is responsible for evaluating the plan. The Division will meet annually with the work group – Michigan Township Association, Drain Commissioners Office, City of Ann Arbor and County Planning and Environment Department to discuss implementation progress, need for site visits, phone calls or additional meetings. The effectiveness of the plan will also be evaluated at the meetings. Evaluation criteria may include 1) the number of projects pursued in the last year, and if projections have not been pursued, 2) the relevancy of the

4.0 Implementation and Monitoring

project, and 3) the availability of resources to implement the project.

The meetings will be open to the public (public notice will be posted), and local governments will be invited to attend. The responsibility for any actions resulting from that meeting will be decided at that time. Added mitigation strategies that require expenditure of funds will be presented to the Washtenaw County Board of Commissioners. Local governments will be communicated to the local governments.

Although review of the plan will occur annually, and a formal revision may not be needed each year, a new edition of the plan will be prepared every five years, based on annual reviews, amendments, monitoring, evaluation and accumulation of official feedback and public input. The Local government legislative bodies would then adopt the revised plans.

4.5 Continued Public Participation

Continued public participation will be incorporated in the plan maintenance process. Hazard Mitigation Plans will be posted on Washtenaw County's public website. Links to staff E-mail addresses along with telephone numbers will be provided for continual public comment; and all members of the community may attend any public meeting of city, township and county legislative boards to make public comment and recommend changes to the plan.

4.0 Implementation and Monitoring

Table 29: Summary of Hazard Mitigation Strategies

HAZARD	Mitigation Strategy								
	Warning Sirens	Emergency Generators and Shelter Locations	Public Education	Plans and Studies	Maintenance Programs	Training and Education (Professionals)	Code or Regulation Enforcement	Secure Units in Manufactured Home Communities	Ordinance Adoption
Convective Weather	√	√	√	√	√	√		√	
Hazardous Material Transportation Incident	√	√	√			√	√		√
Hazardous Material Fixed Site Incident	√	√	√	√		√	√		√
Infrastructure Failure		√	√	√	√				
Severe Winter Weather Hazards		√	√		√				
Transportation Accidents (Air, Water and Land)		√		√		√			
Extreme Temperatures		√	√				√		
Flooding		√	√				√		
Nuclear Attacks	√	√	√			√			
Gas and Pipeline Accidents		√	√			√	√		
Wildfires			√		√	√			
Fires- Structural			√		√		√		
Dam Failures	√		√	√	√				
Public Health Emergencies		√	√	√		√			
Sabatoge and Terrorism	√			√		√	√		
Drought			√	√			√		
Earthquakes		√	√				√		