

4.0 MITIGATION STRATEGY

4.0 MITIGATION STRATEGY

The mitigation strategy identifies how participating jurisdictions are going to reduce or eliminate the potential loss of life and property damage that results from the natural hazards identified in the Risk Assessment section of this Plan. The strategy includes:

- Reviewing and updating the mitigation goals. Mitigation goals describe the objective(s) or desired outcome(s) that the participants would like to accomplish in term of hazard and loss prevention. These goals are intended to reduce or eliminate long-term vulnerabilities to natural hazards.
- Evaluating the status of the existing mitigation actions and identifying a comprehensive range of jurisdiction-specific mitigation actions including those related to continued compliance with the National Flood Insurance Program (NFIP). Mitigation actions are projects, plans, activities or programs that achieve at least one of the mitigation goals identified.
- Analyzing the existing and new mitigation actions identified for each jurisdiction. This analysis ensures each action will reduce or eliminate future losses associated with the hazards identified in the Risk Assessment section.
- Reviewing and updating the mitigation actions prioritization methodology. The prioritization methodology outlines the approach used to prioritize the implementation of each identified mitigation action.
- Identifying the entity(s) responsible for implementing and administering. For each mitigation action, the entity(s) responsible for implementing and administering that action is identified as well as the timeframes for completing the actions and potential funding sources.
- Conducting a preliminary cost/benefit analysis of each mitigation action. The qualitative cost/benefit analysis provides participants a general idea which actions are likely to provide the greatest benefit based on the financial cost and staffing efforts needed.

As part of the Plan update, the mitigation strategy was reviewed and revised. A detailed discussion of each aspect of the mitigation strategy and any updates that were made is provided below.

4.1 MITIGATION GOALS REVIEW

As part of the Plan update process, the mitigation goals identified in the 2010 Plan Update were reviewed and re-evaluated. The Mitigation Action Committee (MAC) decided to replace the overarching goal, the four updated mitigation goals and the extensive list of objectives and implementation strategies outlined in the 2010 Plan Update in order to simplify the mitigation strategy, streamline the implementation process and address a more comprehensive range of mitigation activities and projects. The core values of the mitigation goals identified in 2010 Plan Update were used to develop a set of eight broadly-defined mitigation goals.

The new updated list of mitigation goals was distributed to the MAC members at the first meeting on October 25, 2017. Members were asked to review the updated list before the second

meeting and consider whether any changes needed to be made or if additional goals should be included. At the MAC’s meeting on March 14, 2018 the group discussed the updated list of goals and approved them with no changes or additions. **Figure 235** lists the approved mitigation goals.

Figure 235 Mitigation Goals	
Goal 1	Educate people about the natural hazards they face and the ways they can protect themselves, their homes, and their businesses from those hazards.
Goal 2	Protect the crops and lives, health, and safety of the people and animals in the County from the dangers of natural hazards.
Goal 3	Protect existing infrastructure and design new infrastructure (roads, bridges, utilities, water supplies, sanitary sewer systems, etc.) to be resilient to the impacts of natural hazards.
Goal 4	Incorporate natural hazard mitigation into community plans, regulations and activities.
Goal 5	Place a priority on protecting public services, including critical facilities, utilities, roads and schools.
Goal 6	Preserve and protect the rivers and floodplains in our County.
Goal 7	Ensure that new developments do not create new exposures to damage from natural hazards.
Goal 8	Protect historic, cultural, and natural resources from the effects of natural hazards.

4.2 EXISTING MITIGATION ACTIONS REVIEW

The Plan update process included a review and evaluation of the *existing hazard mitigation actions* listed in the 2010 Plan Update. A copy of these actions are included in **Appendix M**. A review of the existing hazard mitigation actions revealed the following shortcomings:

- ❖ Actions were not jurisdiction-specific. Many of the actions were applied to every participant no matter their level of interest, ability to implement or relevance to their jurisdiction.
- ❖ Actions did not identify specific entities responsible for implementation. In many cases the responsibility for implementing an action was assigned to a generic agency such as “local government”. This created a situation in which the participating jurisdictions did not have a clear understanding of which department within their own jurisdiction was tasked with implementing the action and therefore felt no sense of responsibility or ownership of the action.
- ❖ Actions were applied to non-participating entities. A few of the actions covered entities (such as local school districts) that did not participate in the development of the 2010 Plan Update, and therefore should not have been assigned responsibility for implementation of mitigation actions.
- ❖ Actions were assigned to non-governmental entities. Several of the actions were specifically assigned to the Mitigation Advisory Committee (MAC), which does not have the legal authority to implement actions within any of the participating jurisdictions. In addition, there is no indication that the MAC met on a regular basis to work towards implementing any of their assigned actions. Aside from updating the Plan, the Tri-

County Regional Planning Commission reported that to their knowledge no progress had been made on any of the MAC-assigned actions.

As a result of these findings, the MAC decided to eliminate any action that was: a) vague or too general/broad in scope and b) not assigned to a participating jurisdiction. In addition, those actions listed for wildfires were also eliminated as the MAC concluded that it was a minimal risk and chose not to include it in the Plan update. As a result, mitigation actions 4, 5, 8, 11, 14, 15 and 16 were removed.

The MAC then agreed to create individual, jurisdiction-specific mitigation action lists for each participating jurisdiction. The remaining mitigation actions included in the 2010 Plan Update were evaluated, assigned to the appropriate participating jurisdiction(s) and presented to the MAC members for their review and evaluation at the second meeting held on March 14, 2018. Each of the participating jurisdictions were asked to identify those actions that were either in progress or that had been completed since the 2010 Plan Update was adopted. They were also given the opportunity to eliminate any action on their specific list that they did not deem viable and/or practical for implementation by their jurisdiction.

Figure 236 through **245** located at the end of this section, summarize the results of this evaluation by participating jurisdiction. Each action listed includes a reference number to the 2010 Plan Update mitigation action list located in **Appendix M**. The following exceptions should be noted:

- Bartonville, Hanna City, Morton, Tremont, Eureka and Germantown Hills did not participate in the development of either the original Plan or the 2010 Plan Update and therefore are not included in the summary.
- While Peoria County participated in the 2010 Plan Update, it chose not to participate in this update process and therefore is not included in the summary. The County chose to prepare its own hazard mitigation plan for the unincorporated areas of the County in 2017.

While not specifically listed in the 2010 Plan Update, Washington has completed several additional mitigation-related projects and activities. The following identifies the action, the year it was completed and provides a brief description of the action.

Activity/Project Description	Completed	Summary of Activity/Project
1. Emergency backup generator installed at the Rolling Meadows lift station to provide uninterrupted power and maintain operations.	2017	125kW backup generator was added at this critical lift station serving a population of 1,500.
2. Emergency backup generator installed at Water Treatment Plant #1 to provide uninterrupted power and maintain operations.	2016	500kW backup generator was added at this water plant serving a population of 13,500.

Activity/Project Description	Completed	Summary of Activity/Project
3. Emergency backup generator installed at City Hall to provide uninterrupted power and maintain operations.	2016	50kW backup generator was added at City Hall to help insure continuation of services during hazard events.
4. Drainage enhancements undertaken at Diebel detention basin.	2017	Drainage upgrades were performed within the regional detention basin protecting portions of the City’s east end.
5. East side Letter of Map Revision (LOMR) submitted for North Main Street to Diebel Road	2017	LOMR reduced the overall 100-year floodplain delineation for many properties along and near Farm Creek. Established modern base flood elevation data replacing data that was 30 years old.

4.3 NEW MITIGATION ACTIONS IDENTIFICATION

Given the shortcomings of the existing mitigation actions, it was essential that a comprehensive range of *new, jurisdiction-specific mitigation actions* be identified for each participating jurisdiction as part of the Plan update process. Instead of focusing on all-inclusive actions covering multiple jurisdictions, participants were asked to identify mitigation actions that met the specific needs and risks identified for their jurisdiction.

Representatives of the following jurisdictions were also asked to identify mitigation actions that would ensure their continued compliance with the National Flood Insurance Program.

- ❖ Bartonville
- ❖ Chillicothe
- ❖ East Peoria
- ❖ Eureka
- ❖ Morton
- ❖ Pekin
- ❖ Peoria
- ❖ Peoria Heights
- ❖ Roanoke
- ❖ Tazewell County
- ❖ Tremont
- ❖ Washington
- ❖ Woodford County

The compiled lists of new mitigation actions were reviewed to assure the appropriateness and suitability of each action. Those actions that were not deemed appropriate and/or suitable were either reworded or eliminated.

4.4 MITIGATION ACTIONS ANALYSIS

Next, the existing and new mitigation actions were then assigned to one of six broad mitigation activity categories which allowed Committee members to compare and consolidate similar actions. Projects and activities of similar scope were reworded and/or combined to eliminate repetition. **Figure 246** identifies each mitigation activity category and provides a brief description.

Each mitigation action was then analyzed to determine:

- the hazard or hazards being mitigated;

- the degree to which the impacts associated with a particular hazard(s) would be mitigated (i.e., reduced or eliminated);
- the general size of the population affected (i.e., small, medium or large);
- the goal or goals fulfilled;
- whether the action would reduce the effects on new or existing buildings and infrastructure; and
- whether the action would ensure continued compliance with the National Flood Insurance Program.

Figure 246 Types of Mitigation Activities	
Category	Description
Regulatory Activities (RA)	Regulatory activities are designed to reduce a jurisdiction’s vulnerability to specific hazard events. These activities are especially effective in hazard prone areas where development has yet to occur. Examples include: planning and zoning, floodplain regulations and local ordinances (i.e., building codes, etc.).
Structural Projects (SP)	Structural projects lessen the impact that a hazard has on a particular structure through design and engineering. Examples include: storm sewers, road and bridge projects, storm/tornado shelters, flood walls and seismic retrofits.
Public Information & Awareness (PI)	Public information and awareness activities are used to educate individuals about the potential hazards that affect their community and the mitigation strategies that they can take part in to protect themselves and their property. Examples include: outreach programs, school programs, brochures and handout materials, evacuation planning and drills, volunteer activities (i.e., culvert cleanout days, initiatives to check on the elderly/disabled during hazard events, etc.).
Studies (S)	Studies are used to identify activities that can be undertaken to reduce the impacts associated with certain hazards. Examples include: hydraulic and drainage studies.
Miscellaneous Projects (MP)	Miscellaneous projects is a catchall for those activities or projects that help to reduce or lessen the impact that a hazard may have on a critical facility or community service. Examples include: snow fences, generators, warning sirens, etc.
Property Protection (PP)	Property protection activities are designed to retrofit existing structures to withstand natural hazards or to remove structures from hazard prone areas. In Illinois, this category of activities primarily pertains to flood protection. Examples include: acquisition, relocation, elevation, insurance (i.e., flood, homeowners, etc.) and retrofitting (i.e., impact resistant windows, etc.).

4.5 MITIGATION ACTIONS PRIORITIZATION METHODOLOGY REVIEW

The methodology developed to prioritize mitigation actions in the 2010 Plan Update was reviewed by the MAC as part of this Plan update process. The prioritization methodology was based on the STAPLE+E planning factors (Social, Technical, Administrative, Political, Legal, Economic, and Environmental) and applied a rating of high, moderate or low to each mitigation action. Taking into account the number and types of factors assessed and the complexity associated with the STAPLE+E analysis, the MAC decided to replace the prioritization methodology with one focused on just two key factors: 1) the frequency of the hazard and 2) the degree of mitigation attained. This updated prioritization methodology was presented to the MAC members at the third meeting held on June 20, 2018. The group reviewed and discussed the updated methodology and chose to approve it with no changes.

Figure 247 identifies and describes the four-tiered prioritization methodology adopted by the Committee. The methodology developed provides a means of objectively determining which actions have a greater likelihood of eliminating or reducing the long-term vulnerabilities associated with the most frequently-occurring natural hazards.

While prioritizing the actions is useful and provides participants with additional information, it is important to keep in mind that implementing any the mitigation actions is desirable regardless of which prioritization category an action falls under.

Figure 247 Mitigation Action Prioritization Methodology			
		Hazard	
		Most Significant Hazard (M) <small>(i.e., severe storms, severe winter storms, floods, tornadoes)</small>	Less Significant Hazard (L) <small>(i.e., excessive heat, drought, landslides, earthquakes, dam failures, levee failures)</small>
Mitigation Action	Mitigation Action with the Potential to Virtually Eliminate or Significantly Reduce Impacts (H)	HM mitigation action will virtually eliminate damages and/or significantly reduce the probability of fatalities and injuries from the most significant hazards	HL mitigation action will virtually eliminate damages and/or significantly reduce the probability of fatalities and injuries from less significant hazards
	Mitigation Action with the Potential to Reduce Impacts (L)	LM mitigation action has the potential to reduce damages, fatalities and/or injuries from the most significant hazards	LL mitigation action has the potential to reduce damages, fatalities and/or injuries from less significant hazards

4.6 MITIGATION ACTIONS IMPLEMENTATION, ADMINISTRATION & COST/BENEFIT ANALYSIS

Finally, each participating jurisdiction was asked to identify how the mitigation actions will be implemented and administered. This included:

- ❖ Identifying the party or parties responsible for oversight and administration.
- ❖ Determining what funding source(s) are available or will be pursued.
- ❖ Describing the time frame for completion.

In addition, a preliminary qualitative cost/benefit analysis was conducted on each mitigation action. The costs and benefits were analyzed in terms of the general overall cost to complete an action as well as the action’s likelihood of permanently eliminating or reducing the risk associated with a specific hazard. The general descriptors of high, medium and low were used. These terms are not meant to translate into a specific dollar amount, but rather to provide a relative comparison between the actions identified by each jurisdiction.

This analysis is only meant to give the participants a starting point to compare which actions are likely to provide the greatest benefit based on the financial cost and staffing effort needed. It was repeatedly communicated to the MAC members that when a grant application is submitted to IEMA/FEMA for a specific action, a detailed cost/benefit analysis will be required to receive funding.

4.7 MITIGATION STRATEGY RESULTS

Figures 248 through **263** located at the end of this section, summarize the results of the mitigation strategy. The mitigation actions are arranged alphabetically by County by participating jurisdiction and include both existing and new actions.

Figure 236
Tri-County Regional Planning Commission (MAC) – Status of Existing Mitigation Actions

Activity/Project Description	Status			Year Completed	Summary/Details of Completed Activity/Project (i.e., location, scope, etc.)
	No Progress (✓)	In Progress (✓)	Completed (✓)		
Target FEMA’s Repetitive Loss Properties for potential mitigation projects. (Action Number 1)	✓				
Obtain official recognition of the Mitigation Advisory Committee by the Tri-County communities in order to help institutionalize and develop an ongoing mitigation program. (Action Number 4)	✓				
<i>Universal Siren Protocol for Tri- County Area:</i> Coordinate among all agencies to ensure rapid and comprehensive dissemination of necessary information and of response operations. (Action Number 5)	✓				
Update the 2010 Tri-County Regional Planning Commission Natural Hazards Mitigation Plan. (Action Number 8)		✓			
Partner with Parent Teacher Associations and local schools to develop an annual children’s and teacher’s educational program which focuses on teaching children and adults about hazard seasons, effects, and mitigation opportunities. (Action Number 11)	✓				
Contact NRCS regarding opportunities for technical assistance and financial assistance for drought preparedness and response. (Action Number 14)	✓				

(Action Number “No.”) refers to the 2010 Plan Update mitigation action by number detailed in Appendix M.

Tazewell County

**Figure 137
Sheet (1 of 2)
Tazewell County – Status of Existing Mitigation Actions**

Activity/Project Description	Status			Year Completed	Summary/Details of Completed Activity/Project (i.e., location, scope, etc.)
	No Progress (✓)	In Progress (✓)	Completed (✓)		
Target FEMA’s Repetitive Loss Properties for potential mitigation projects. (Action Number 1)		✓			
Distribute NOAA weather radios to residents that are most vulnerable to wind events. Determine which facilities currently have radios and feasibility of hard-wiring. Further investigate StormReady programs. (Action Number 2)		✓		2017	Tazewell County has distributed weather radios and continue to do so as they become available. Tazewell County was designated a StormReady County by NWS in 2017.
Target FEMA’s Repetitive Loss Properties for educational outreach and mitigation activities. (Action Number 3)		✓			
Examine the feasibility of designating schools and other public buildings as heating centers and emergency shelters. This includes determining safety of current shelters, long and short-term shelter needs and retro-fitting existing facilities. (Action Number 6)		✓			Working with American Red Cross and Salvation Army to designate locations.
Develop educational materials, both web-based and in paper form, that can be used to inform the Tri-County citizenry about the benefits of the National Flood Insurance Program and how it is administered locally. (Action Number 7)		✓			
Revise the Tri-County communities’ floodplain ordinances that are outdated, continued compliance with NFIP, evaluate feasibility of joining CRS and/or increasing rating score. (Action Number 10)		✓		2017	Adopted updated floodplain ordinance in 2017.
Develop “hazard information centers” on the Tri-County communities’ websites and in public libraries where individuals can find hazard and mitigation information. (Action Number 12)	✓				

(Action Number “No.”) refers to the 2010 Plan Update mitigation action by number detailed in Appendix M.

Tazewell County

**Figure 137
Sheet (2 of 2)
Tazewell County – Status of Existing Mitigation Actions**

Activity/Project Description	Status			Year Completed	Summary/Details of Completed Activity/Project (i.e., location, scope, etc.)
	No Progress (✓)	In Progress (✓)	Completed (✓)		
Evaluate critical facilities and shelters to determine their resistance to all hazards. Examine and make recommendations as to ways in which the facilities can be strengthened or hardened. (Action Number 13)		✓			
Contact NRCS regarding opportunities for technical assistance and financial assistance for drought preparedness and response. (Action Number 14)	✓				
Pursue the utilization of emergency management mitigation measures to address hazards in the Tri-County area, including hazard mapping (GIS); critical facility and infrastructure mapping (GIS) and hardening. (Action Number 17)		✓			Community Development and EMA working with Tri-County Regional Planning Commission’s GIS Department on this project
Utilize the news media and schools for public information promulgation about seismic risks. (Action Number 18)		✓			Participate in “Shake Out” each year and distribute information to Tazewell County superintendent

(Action Number “No.”) refers to the 2010 Plan Update mitigation action by number detailed in Appendix M.

Tazewell County

**Figure 238
East Peoria – Status of Existing Mitigation Actions**

Activity/Project Description	Status			Year Completed	Summary/Details of Completed Activity/Project (i.e., location, scope, etc.)
	No Progress (✓)	In Progress (✓)	Completed (✓)		
Target FEMA’s Repetitive Loss Properties throughout the Tri- County area for potential mitigation projects. (Action Number 1)	✓				
Target FEMA’s Repetitive Loss Properties for educational outreach and mitigation activities. (Action Number 3)	✓				
Develop educational materials, both web-based and in paper form, that can be used to inform the Tri-County citizenry about the benefits of the National Flood Insurance Program and how it is administered locally. (Action Number 7)	✓				
Locate and Label all public hydrants in the Tri-County area to assist in street identification in the event of widespread destruction. (Action Number 9)	✓				
Revise the Tri-County communities’ floodplain ordinances that are outdated, continued compliance with NFIP, evaluate feasibility of joining CRS and/or increasing rating score. (Action Number 10)			✓	2017	Adopted updated floodplain ordinance in 2017.
Develop “hazard information centers” on the Tri-County communities’ websites and in public libraries where individuals can find hazard and mitigation information. (Action Number 12)	✓				
Evaluate critical facilities and shelters to determine their resistance to all hazards. Examine and make recommendations as to ways in which the facilities can be strengthened or hardened. (Action Number 13)	✓				
Pursue the utilization of emergency management mitigation measures to address hazards in the Tri-County area, including hazard mapping (GIS); critical facility and infrastructure mapping (GIS) and hardening. (Action Number 17)	✓				

(Action Number “No.”) refers to the 2010 Plan Update mitigation action by number detailed in Appendix M.

Tazewell County

**Figure 239
Pekin – Status of Existing Mitigation Actions**

Activity/Project Description	Status			Year Completed	Summary/Details of Completed Activity/Project (i.e., location, scope, etc.)
	No Progress (✓)	In Progress (✓)	Completed (✓)		
Target FEMA’s Repetitive Loss Properties throughout the Tri- County area for potential mitigation projects. (Action Number 1)	✓				
Target FEMA’s Repetitive Loss Properties for educational outreach and mitigation activities. (Action Number 3)	✓				
Develop educational materials, both web-based and in paper form, that can be used to inform the Tri-County citizenry about the benefits of the National Flood Insurance Program and how it is administered locally. (Action Number 7)	✓				
Locate and label all public hydrants in the Tri-County area to assist in street identification in the event of widespread destruction. (Action Number 9)			✓	2018	Received online access to all the hydrants owned by Illinois American Water Company within the corporate boundaries of the City.
Revise the Tri-County communities’ floodplain ordinances that are outdated, continued compliance with NFIP, evaluate feasibility of joining CRS and/or increasing rating score. (Action Number 10)		✓			
Develop “hazard information centers” on the Tri-County communities’ websites and in public libraries where individuals can find hazard and mitigation information. (Action Number 12)	✓				
Evaluate critical facilities and shelters to determine their resistance to all hazards. Examine and make recommendations as to ways in which the facilities can be strengthened or hardened. (Action Number 13)		✓			
Pursue the utilization of emergency management mitigation measures to address hazards in the Tri-County area, including hazard mapping (GIS); critical facility and infrastructure mapping (GIS) and hardening. (Action Number 17)		✓			

(Action Number “No.”) refers to the 2010 Plan Update mitigation action by number detailed in Appendix M.

Tazewell County

**Figure 240
Washington – Status of Existing Mitigation Actions**

Activity/Project Description	Status			Year Completed	Summary/Details of Completed Activity/Project (i.e., location, scope, etc.)
	No Progress (✓)	In Progress (✓)	Completed (✓)		
Target FEMA’s Repetitive Loss Properties throughout the Tri- County area for potential mitigation projects. (Action Number 1)	✓				
Target FEMA’s Repetitive Loss Properties for educational outreach and mitigation activities. (Action Number 3)	✓				
Develop educational materials, both web-based and in paper form, that can be used to inform the Tri-County citizenry about the benefits of the National Flood Insurance Program and how it is administered locally. (Action Number 7)	✓				
Locate and label all public hydrants in the Tri-County area to assist in street identification in the event of widespread destruction. (Action Number 9)		✓			
Revise the Tri-County communities’ floodplain ordinances that are outdated, continued compliance with NFIP, evaluate feasibility of joining CRS and/or increasing rating score. (Action Number 10)			✓	2016	Floodplain ordinance was amended to comply with changes to the model ordinance
Develop “hazard information centers” on the Tri-County communities’ websites and in public libraries where individuals can find hazard and mitigation information. (Action Number 12)	✓				
Evaluate critical facilities and shelters to determine their resistance to all hazards. Examine and make recommendations as to ways in which the facilities can be strengthened or hardened. (Action Number 13)		✓			
Pursue the utilization of emergency management mitigation measures to address hazards in the Tri-County area, including hazard mapping (GIS); critical facility and infrastructure mapping (GIS) and hardening. (Action Number 17)		✓			While this is largely in place, mapping needs to be continually updated to reflect new development and enhancements to our infrastructure network.

(Action Number “No.”) refers to the 2010 Plan Update mitigation action by number detailed in Appendix M.

Woodford County

**Figure 241
Sheet (1 of 2)
Woodford County – Status of Existing Mitigation Actions**

Activity/Project Description	Status			Year Completed	Summary/Details of Completed Activity/Project (i.e., location, scope, etc.)
	No Progress (✓)	In Progress (✓)	Completed (✓)		
Target FEMA’s Repetitive Loss Properties for potential mitigation projects. (Action Number 1)			✓	2016	Twelve repetitive loss properties were purchased and the homes removed. Deed restrictions prevent sale or building
Distribute NOAA weather radios to residents that are most vulnerable to wind events. Determine which facilities currently have radios and feasibility of hard-wiring. Further investigate StormReady programs. (Action Number 2)			✓	2015	Woodford County EMA distributed NOAA weather radios to the schools and nursing homes throughout the County who needed them. Woodford County EMA became a Storm Ready County in 2015.
Target FEMA’s Repetitive Loss Properties for educational outreach and mitigation activities. (Action Number 3)	✓				
Examine the feasibility of designating schools and other public buildings as heating centers and emergency shelters. This includes determining safety of current shelters, long and short-term shelter needs and retro-fitting existing facilities. (Action Number 6)		✓			Woodford County has been working with the Red Cross, churches and community buildings to designate them as warming and emergency shelters.
Develop educational materials, both web-based and in paper form, that can be used to inform the Tri-County citizenry about the benefits of the National Flood Insurance Program and how it is administered locally. (Action Number 7)		✓			
Revise the Tri-County communities’ floodplain ordinances that are outdated, continued compliance with NFIP, evaluate feasibility of joining CRS and/or increasing rating score. (Action Number 10)		✓			
Develop “hazard information centers” on the Tri-County communities’ websites and in public libraries where individuals can find hazard and mitigation information. (Action Number 12)	✓				

(Action Number “No.”) refers to the 2010 Plan Update mitigation action by number detailed in Appendix M.

Woodford County

**Figure 241
Sheet (2 of 2)
Woodford County – Status of Existing Mitigation Actions**

Activity/Project Description	Status			Year Completed	Summary/Details of Completed Activity/Project (i.e., location, scope, etc.)
	No Progress (✓)	In Progress (✓)	Completed (✓)		
Evaluate critical facilities and shelters to determine their resistance to all hazards. Examine and make recommendations as to ways in which the facilities can be strengthened or hardened. (Action Number 13)	✓				
Contact NRCS regarding opportunities for technical assistance and financial assistance for drought preparedness and response. (Action Number 14)	✓				
Pursue the utilization of emergency management mitigation measures to address hazards in the Tri-County area, including hazard mapping (GIS); critical facility and infrastructure mapping (GIS) and hardening. (Action Number 17)		✓			Woodford County is currently working with the Tri-County Regional Planning Commission on mapping hazardous facilities in the County.
Utilize the news media and schools for public information promulgation about seismic risks. (Action Number 18)	✓				

(Action Number “No.”) refers to the 2010 Plan Update mitigation action by number detailed in Appendix M.

Woodford County

**Figure 242
Roanoke – Status of Existing Mitigation Actions**

Activity/Project Description	Status			Year Completed	Summary/Details of Completed Activity/Project (i.e., location, scope, etc.)
	No Progress (✓)	In Progress (✓)	Completed (✓)		
Target FEMA’s Repetitive Loss Properties throughout the Tri- County area for potential mitigation projects. (Action Number 1)		✓			
Target FEMA’s Repetitive Loss Properties for educational outreach and mitigation activities. (Action Number 3)		✓			
Develop educational materials, both web-based and in paper form, that can be used to inform the Tri-County citizenry about the benefits of the National Flood Insurance Program and how it is administered locally. (Action Number 7)	✓				
Locate and label all public hydrants in the Tri-County area to assist in street identification in the event of widespread destruction. (Action Number 9)	✓				
Revise the Tri-County communities’ floodplain ordinances that are outdated, continued compliance with NFIP, evaluate feasibility of joining CRS and/or increasing rating score. (Action Number 10)			✓	2016	Adopted updated floodplain ordinance in July, 2016.
Develop “hazard information centers” on the Tri-County communities’ websites and in public libraries where individuals can find hazard and mitigation information. (Action Number 12)	✓				
Evaluate critical facilities and shelters to determine their resistance to all hazards. Examine and make recommendations as to ways in which the facilities can be strengthened or hardened. (Action Number 13)	✓				
Pursue the utilization of emergency management mitigation measures to address hazards in the Tri-County area, including hazard mapping (GIS); critical facility and infrastructure mapping (GIS) and hardening. (Action Number 17)	✓				

(Action Number “No.”) refers to the 2010 Plan Update mitigation action by number detailed in Appendix M.

Peoria County (Participating Municipalities Only)

Figure 243

Chillicothe – Status of Existing Mitigation Actions

Activity/Project Description	Status			Year Completed	Summary/Details of Completed Activity/Project (i.e., location, scope, etc.)
	No Progress (✓)	In Progress (✓)	Completed (✓)		
Target FEMA’s Repetitive Loss Properties throughout the Tri- County area for potential mitigation projects. (Action Number 1)	✓				
Target FEMA’s Repetitive Loss Properties for educational outreach and mitigation activities. (Action Number 3)		✓			
Develop educational materials, both web-based and in paper form, that can be used to inform the Tri-County citizenry about the benefits of the National Flood Insurance Program and how it is administered locally. (Action Number 7)		✓			
Locate and label all public hydrants in the Tri-County area to assist in street identification in the event of widespread destruction. (Action Number 9)		✓			
Revise the Tri-County communities’ floodplain ordinances that are outdated, continued compliance with NFIP, evaluate feasibility of joining CRS and/or increasing rating score. (Action Number 10)		✓			
Develop “hazard information centers” on the Tri-County communities’ websites and in public libraries where individuals can find hazard and mitigation information. (Action Number 12)		✓			
Evaluate critical facilities and shelters to determine their resistance to all hazards. Examine and make recommendations as to ways in which the facilities can be strengthened or hardened. (Action Number 13)		✓			
Pursue the utilization of emergency management mitigation measures to address hazards in the Tri-County area, including hazard mapping (GIS); critical facility and infrastructure mapping (GIS) and hardening. (Action Number 17)		✓			

(Action Number “No.”) refers to the 2010 Plan Update mitigation action by number detailed in Appendix M.

Peoria County (Participating Municipalities Only)

Figure 244 (Sheet 1 of 2) Peoria – Status of Existing Mitigation Actions					
Activity/Project Description	Status			Year Completed	Summary/Details of Completed Activity/Project (i.e., location, scope, etc.)
	No Progress (✓)	In Progress (✓)	Completed (✓)		
Target FEMA’s Repetitive Loss Properties throughout the Tri- County area for potential mitigation projects. (Action Number 1)	✓				
Distribute NOAA weather radios to residents that are most vulnerable to wind events. Determine which facilities currently have radios and feasibility of hard-wiring. Further investigate StormReady programs. (Action Number 2)		✓			
Target FEMA’s Repetitive Loss Properties for educational outreach and mitigation activities. (Action Number 3)	✓				
Develop educational materials, both web-based and in paper form, that can be used to inform the Tri-County citizenry about the benefits of the National Flood Insurance Program and how it is administered locally. (Action Number 7)	✓				
Locate and label all public hydrants in the Tri-County area to assist in street identification in the event of widespread destruction. (Action Number 9)		✓			
Revise the Tri-County communities’ floodplain ordinances that are outdated, continued compliance with NFIP, evaluate feasibility of joining CRS and/or increasing rating score. (Action Number 10)	✓				
Develop “hazard information centers” on the Tri-County communities’ websites and in public libraries where individuals can find hazard and mitigation information. (Action Number 12)	✓				

(Action Number “No.”) refers to the 2010 Plan Update mitigation action by number detailed in Appendix M.

Peoria County (Participating Municipalities Only)

**Figure 244
(Sheet 2 of 2)
Peoria – Status of Existing Mitigation Actions**

Activity/Project Description	Status			Year Completed	Summary/Details of Completed Activity/Project (i.e., location, scope, etc.)
	No Progress (✓)	In Progress (✓)	Completed (✓)		
Evaluate critical facilities and shelters to determine their resistance to all hazards. Examine and make recommendations as to ways in which the facilities can be strengthened or hardened. (Action Number 13)	✓				
Pursue the utilization of emergency management mitigation measures to address hazards in the Tri-County area, including hazard mapping (GIS); critical facility and infrastructure mapping (GIS) and hardening. (Action Number 17)		✓			

(Action Number “No.”) refers to the 2010 Plan Update mitigation action by number detailed in Appendix M.

Peoria County (Participating Municipalities Only)

Figure 245

Peoria Heights – Status of Existing Mitigation Actions

Activity/Project Description	Status			Year Completed	Summary/Details of Completed Activity/Project (i.e., location, scope, etc.)
	No Progress (✓)	In Progress (✓)	Completed (✓)		
Target FEMA’s Repetitive Loss Properties throughout the Tri- County area for potential mitigation projects. (Action Number 1)	✓				
Target FEMA’s Repetitive Loss Properties for educational outreach and mitigation activities. (Action Number 3)	✓				
Develop educational materials, both web-based and in paper form, that can be used to inform the Tri-County citizenry about the benefits of the National Flood Insurance Program and how it is administered locally. (Action Number 7)	✓				
Locate and label all public hydrants in the Tri-County area to assist in street identification in the event of widespread destruction. (Action Number 9)	✓				
Revise the Tri-County communities’ floodplain ordinances that are outdated, continued compliance with NFIP, evaluate feasibility of joining CRS and/or increasing rating score. (Action Number 10)	✓				
Develop “hazard information centers” on the Tri-County communities’ websites and in public libraries where individuals can find hazard and mitigation information. (Action Number 12)	✓				
Evaluate critical facilities and shelters to determine their resistance to all hazards. Examine and make recommendations as to ways in which the facilities can be strengthened or hardened. (Action Number 13)	✓				
Pursue the utilization of emergency management mitigation measures to address hazards in the Tri-County area, including hazard mapping (GIS); critical facility and infrastructure mapping (GIS) and hardening. (Action Number 17)		✓			

(Action Number “No.”) refers to the 2010 Plan Update mitigation action by number detailed in Appendix M.

**Figure 248
(Sheet 1 of 4)
Tri-County Regional Planning Commission Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Identify areas where erosion is or will occur (such as steep slopes & stream banks) and incorporate/construct erosion-focused best management practices (BMPs) where possible.	F, L, SS, SWS	MP	Reduces	Small	2, 3, 4, 5, 6	Yes	Yes	Planning Commission	Ongoing	To Be Determined	Low/Medium	New
LM	Identify areas where flooding is or will occur (such as non-permeable surfaces) and incorporate/construct stormwater management-focused best management practices (BMPs) where possible.	F, SS, SWS	MP	Reduces	Small	2, 3, 4, 5, 6	Yes	Yes	Planning Commission	Ongoing	To Be Determined	Medium/Medium	New
LM	Educate Tri-County area residents about the benefits of stormwater management practices in their communities and on their personal property.	F, SS	PI	Reduces	Medium	1, 2	Yes	Yes	Planning Commission	Ongoing	To Be Determined	Low/Medium	New
LM	Conduct a drainage/hydraulic study to identify the cause(s) and determine the appropriate remedy(s) to alleviate recurring drainage problems within the region.	F, SS, SWS	S	Reduces	Medium	2, 3, 5	Yes	Yes	Planning Commission	Ongoing	To Be Determined	Medium/Medium	New
HM	Select, design and construct the appropriate remedy(s) to alleviate recurring drainage problems within the region.	F, SS, SWS	SP	Reduces	Small	2, 3, 5	Yes	Yes	Planning Commission	Ongoing	To Be Determined	High/High	New

Acronyms

Priority	
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards
HL	Mitigation action with the potential to reduce impacts from the most significant hazards
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards
LL	Mitigation action with the potential to reduce impacts from the less significant hazards

Hazard(s) to be Mitigated:			
DF	Dam Failure	MS	Mine Subsidence
DR	Drought	SS	Severe Storms (Thunderstorms, Hail, Lightning)
EH	Excessive Heat	SWS	Severe Winter Storms & Excessive Cold
EQ	Earthquake	T	Tornado
F	Flood		
L	Landslide		

Type of Mitigation Activity:			
RA	Regulatory Activities	S	Studies
SP	Structural Projects	MP	Miscellaneous Projects
PI	Public Involvement	PP	Property Protection

**Figure 248
(Sheet 2 of 4)
Tri-County Regional Planning Commission Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	Reshape/regrade select high impact drainage areas in the region to increase carrying capacity and alleviate drainage/flooding problems.	F, SS, SWS	SP	Reduces	Small	2, 3, 5	Yes	Yes	Planning Commission	Ongoing	To Be Determined	Medium/High	New
HM	Remove debris, vegetative overgrowth and/or brush from streams and creeks within the region to maintain/increase carrying capacity, better manage stormwater runoff and reduce/prevent drainage/flooding problems.	F, SS, SWS	MP	Reduces	Small	2, 3, 5	Yes	Yes	Planning Commission	Ongoing	To Be Determined	Low/High	New
HM	Remove debris, sediment and obstructions from ditches, culverts and bridges and implement best management practices (BMPs) to maximize carrying capacity, better manage stormwater runoff and reduce/prevent drainage/flooding problems.	F, SS, SWS	MP	Reduces	Small	2, 3, 5	Yes	Yes	Planning Commission	Ongoing	To Be Determined	Low/High	New
HM	Construct upstream detention basins, channelize/reshape tributaries and extend storm sewer lines to better manage stormwater runoff, increase carrying capacity and alleviate drainage/flooding problems.	F, SS, SWS	SP	Reduces	Small	2, 3, 5	Yes	Yes	Planning Commission	Ongoing	To Be Determined	High/High	New

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat EQ Earthquake SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	F Flood L Landslide T Tornado	

**Figure 248
(Sheet 3 of 4)
Tri-County Regional Planning Commission Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Educate landowners on the importance of implementing stormwater management-related best management practices (BMPs) to reduce nutrient loss and topsoil from agricultural fields and urbanized areas.	F, SS	PI	Reduces	Medium	1, 2, 6	Yes	Yes	Planning Commission	Ongoing	To Be Determined	Low/Medium	New
LM	Conduct watershed studies to identify potential flood mitigation activities and determine best management practices (BMPs).	F, SS	S	Reduces	Medium	2, 3, 5	Yes	Yes	Planning Commission	Ongoing	To Be Determined	Low/Medium	New
LL	Conduct a study to identify, evaluate and/or implement potential measures to reduce the impacts of drought on the region's water supply.	DR	S	Reduces	Large	2, 3, 5	Yes	Yes	Planning Commission	Ongoing	To Be Determined	Low/Medium	New
HM	Target FEMA's Repetitive Loss Properties for potential mitigation projects.	F	PP	Reduces	Small	2, 6	n/a	Yes	Planning Commission	Ongoing	75% Federal 25% Local (FEMA)	Medium/High	Existing (2010)
LM	Obtain official recognition of the Mitigation Advisory Committee by the Tri-County communities in order to institutionalize and develop an ongoing mitigation program.	DF, DR, EH, EQ, F, L, MS, SS, SWS, T	MP	Reduces	Large	2, 4	Yes	Yes	Planning Commission	To Be Determined	Planning Commission	Low/Medium	Existing (2010)
LM	<i>Universal siren protocol for Tri-County area:</i> Coordinate among all agencies to ensure rapid and comprehensive dissemination of necessary information and of response operations.	SS, T	MP	Reduces	Large	2, 3, 4, 5	Yes	Yes	Planning Commission	To Be Determined	Planning Commission	Low/High	Existing (2010)

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado	S Studies
		F Flood		MP Miscellaneous Projects
		L Landslide		PP Property Protection

**Figure 248
(Sheet 4 of 4)
Tri-County Regional Planning Commission Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Partner with Parent Teacher Associations and local schools to develop an annual children's and teacher's educational program which focuses on teaching children and adults about hazard seasons, effects, and mitigation opportunities.	EH, EQ, F, L, MS, SS, SWS, T	PI	Reduces	Medium	1, 2	Yes	Yes	Planning Commission	Ongoing	To Be Determined	Low/High	Existing (2010)
LL	Contact NRCS regarding opportunities for technical and financial assistance for drought preparedness and response.	DR	MP	Reduces	Medium	2, 3, 5	n/a	Yes	Planning Commission	To Be Determined	Planning Commission	Low/Medium	Existing (2010)

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM	EH Excessive Heat EQ Earthquake SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL	F Flood L Landslide T Tornado	

Tazewell County

**Figure 249
(Sheet 1 of 3)
Tazewell County Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
Community Development													
LM	Continue to make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	Community Development Department	Ongoing	County	Low/High	New
LM	Continue to make county officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	Community Development Department	Ongoing	County	Low/High	New
LM	Evaluate the feasibility of participating in the National Flood Insurance Program's voluntary Community Rating System.*	F	PP	Reduces	Small	1, 2, 3, 4, 5, 6, 7	Yes	Yes	Community Development Department	To Be Determined	County	Low/High	Existing (2010)
LM	Develop educational materials that can be used to inform residents about the benefits of the National Flood Insurance Program and how it is administered locally.*	F	PI	Reduces	Small	1, 2	Yes	Yes	Community Development Department	Ongoing	County	Low/Medium	Existing (2010)
HM	Target FEMA's Repetitive Loss Properties for potential mitigation projects.*	F	PP	Reduces	Small	2, 6	n/a	Yes	Community Development Department	Ongoing	75% Federal 25% Local (FEMA)	Medium/High	Existing (2010)

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake L Landslide T Tornado	

Tazewell County

**Figure 249
(Sheet 2 of 3)
Tazewell County Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
Community Development Continued...													
LM	Target FEMA’s Repetitive Loss Properties for educational outreach.*	F	PI	Reduces	Small	2, 6	n/a	Yes	Community Development Department	Ongoing	To Be Determined	Low/Medium	Existing (2010)
LM	Develop “hazard information centers” on the County’s website and in public libraries where individuals can find information about the risks to life and property associated with natural hazards and the proactive actions that they can take to reduce or eliminate their risk.	DF, DR, EH, EQ, F, SS, SWS, T	PI	Reduces	Large	1, 2	Yes	Yes	Community Development Department	Ongoing	County	Low/High	Existing (2010)
Emergency Management Agency													
HM	Purchase and distribute NOAA weather radios to vulnerable County residents.	DF, EH, EQ, F, SS, SWS, T	MP	Reduces	Large	2	n/a	n/a	Emergency Management Agency	Ongoing	To Be Determined	Low/High	Existing (2010)
HM	Examine the feasibility of designating schools and other public buildings as heating centers and emergency shelters.	DF, EH, EQ, F, SS, SWS, T	MP	Reduces	Medium	2	n/a	n/a	Emergency Management Agency	Ongoing	County	Low/High	Existing (2010)

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence		RA Regulatory Activities S Studies
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)		SP Structural Projects MP Miscellaneous Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold		PI Public Involvement PP Property Protection
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake L Landslide T Tornado		

Tazewell County

**Figure 249
(Sheet 3 of 3)
Tazewell County Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
Emergency Management Agency Continued...													
LM	Evaluate critical facilities and shelters to determine their resistance to natural hazards and recommend ways to strengthen or harden these facilities.	DF, EH, EQ, F, SS, SWS, T	S	Reduces	Small	2, 3, 5	n/a	Yes	Emergency Management Agency	To Be Determined	County	Low/Medium	Existing (2010)
LM	Establish digital coordinates for all critical facilities/infrastructure for use in GIS mapping applications. This information can be used to determine which critical facilities/infrastructure have the potential to be threatened by natural hazard events.	DF, EQ, F, SS, SWS, T	MP	Reduces	Large	2, 3, 5	n/a	Yes	Emergency Management Agency	Ongoing	County	Low/Medium	Existing (2010)
LL	Disseminate information on the risks associated with earthquakes.	EQ	PI	Reduces	Large	1, 2	Yes	Yes	Emergency Management Agency	Ongoing	County	Low/Low	Existing (2010)

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado	S Studies
		F Flood		MP Miscellaneous Projects
		L Landslide		PP Property Protection

Tazewell County

**Figure 250
(Sheet 1 of 3)
East Peoria Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Develop a sewer truck line inspection plan/program to monitor lines located in remote ravines for potential impacts caused by natural hazard events.	EQ, F, L, SS, SWS, T	S	Reduces	Medium	2, 3, 5	Yes	Yes	Wastewater/ Sewer Department of Public Works	1-2 years	City	Low/High	New
HM	Setup a ravine stormwater monitoring program to gather data and identify events that have the potential to impact City infrastructure (i.e., sewer lines, roadways, etc.)	SS	MP	Reduces	Medium	2, 3, 5	Yes	Yes	Street Department of Public Works	1-2 years	City	Low/High	New
HM	Strengthen the utilization of the City's CodeRED notification system to inform potentially impacted areas of natural hazard events.	DF, EH, EQ, F, SS, SWS, t	MP	Reduces	Large	2	n/a	n/a	Fire Department/ Public Works	1-2 years	City	Low/High	New
LM	Update existing digital data sets of City utilities (including sewer, water and storm sewer distribution lines) and geo-locate critical infrastructure for use with GIS mapping applications.	DF, EQ, F, L, SS, SWS, T	MP	Reduces	Large	2, 3, 5	Yes	Yes	GIS Department	1-2 years	City	Medium/High	New

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado	S Studies
		F Flood		MP Miscellaneous Projects
		L Landslide		PP Property Protection

Tazewell County

**Figure 250
(Sheet 2 of 3)
East Peoria Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Develop a sanitary sewer system master plan with the goal of decreasing storm water infiltration and excess flow within the system. The plan should efficiently track system maintenance and identify areas where infiltration of storm water has the potential to occur.	F, SS, SWS	S	Reduces	Large	2, 3, 5	Yes	Yes	Wastewater/ Sewer Department of Public Works	1-2 years	City	Low/Medium	New
LM	Conduct sanitary sewer line reconnaissance study to identify locations where storm water infiltrates the system.	F, SS, SWS	S	Reduces	Medium	2, 3, 5	Yes	Yes	Wastewater/ Sewer Department of Public Works	Ongoing	City / To Be Determined	Medium/Medium	New
HM	Repair/reline sanitary sewer line sections to reduce stormwater infiltration and prevent sewage backups.	F, SS, SWS	SP	Eliminates	Medium	2, 3, 5	Yes	Yes	Wastewater/ Sewer Department of Public Works	Ongoing	75% Federal 25% Local (IEPA)	Medium/High	New
LM	Improve coordination between Public Works, Police and Fire in an effort to implement hazard mitigation projects activities aimed at reducing or eliminating the risk associated with natural hazard events.	DF, DR, EH, EQ, F, L, SS, SWS, T	PI	Reduces	Large	2, 3, 5	Yes	Yes	City	1-5 years	City	Low/High	New

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado	S Studies
		F Flood		MP Miscellaneous Projects
		L Landslide		PP Property Protection

Tazewell County

**Figure 250
(Sheet 3 of 3)
East Peoria Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	Ongoing	City	Low/High	New
LM	Make city officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	Ongoing	City	Low/High	New
LM	Evaluate the feasibility of participating in the National Flood Insurance Program's voluntary Community Rating System.*	F	PP	Reduces	Small	1, 2, 3, 4, 5, 6, 7	Yes	Yes	City Council	To Be Determined	City	Low/High	Existing (2010)
LM	Evaluate critical facilities and shelters to determine their resistance to natural hazards and recommend ways to strengthen or harden these facilities.	DF, EH, EQ, F, SS, SWS, T	S	Reduces	Small	2, 3, 5	n/a	Yes	City	To Be Determined	City	Low/Medium	Existing (2010)
LM	Establish digital coordinates for all critical facilities/infrastructure for use in GIS mapping applications. This information can be used to determine which critical facilities/infrastructure have the potential to be threatened by natural hazard events.	DF, EQ, F, SS, SWS, T	MP	Reduces	Large	2, 3, 5	n/a	Yes	City	Ongoing	City	Low/Medium	Existing (2010)

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat EQ Earthquake SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	F Flood L Landslide T Tornado	

Tazewell County

**Figure 251
(Sheet 1 of 7)
Morton Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	<i>Prairie Creek Channel, Floodplain & Tailwaters Improvements:</i> Make improvements to the 3.1-mile unimproved reach of Prairie Creek located between Queenwood Rd. and Allentown Rd. which serves as a discharge for a large portion of the developed watershed within the Village. The improvements will help maintain the creek's current flood control function for the upstream watershed and correct damages occurring within the downstream watershed. Improvements likely include but are not limited to land acquisition, hydrologic & hydraulic study, engineering & plan development and construction.*	F, SS	SP	Reduces	Small	2, 3, 5	Yes	Yes	Village Board / Department of Public Works	5-20 years	75% Federal 25% Local (FEMA)	High/High	New

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado	S Studies
		F Flood		MP Miscellaneous Projects
		L Landslide		PP Property Protection

Tazewell County

**Figure 251
(Sheet 2 of 7)
Morton Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	<i>Prairie Creek Headwaters Improvements:</i> Make improvements to the Village's Detroit Parkway Detention Basin at the headwaters of Prairie Creek to help protect both upstream and downstream properties with the watershed from flooding problems. Improvements/expansion of this existing regional detention basin likely includes but is not limited to land acquisition, hydrologic & hydraulic study, engineering & plan development and construction.*	F, SS	SP	Reduces	Small	2, 3, 5	Yes	Yes	Village Board / Department of Public Works	2-10 years	75% Federal 25% Local (FEMA)	High/High	New

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado	S Studies
		F Flood		MP Miscellaneous Projects
		L Landslide		PP Property Protection

Tazewell County

**Figure 251
(Sheet 3 of 7)
Morton Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	<i>Bull Run Creek & Tributaries Detention Basin:</i> Develop a regional detention basin(s) and other related conveyance improvements upstream and alongside Bull Run Creek and its tributaries to relieve hydraulic congestion and reduce flood stages within the Creek, its tributaries and the watershed. Improvements likely include but are not limited to land acquisition, hydrologic & hydraulic study, engineering & plan development and construction.*	F, SS	SP	Reduces	Small	2, 3, 5	Yes	Yes	Village Board / Department of Public Works	2-10 years	75% Federal 25% Local (FEMA)	Medium/High	New
HM	<i>Bull Run Creek Floodplain Mitigation Projects:</i> Elevate flood-prone residential structures located in the SFHA along/adjacent to Bull Run Creek and its tributary confluence at N. Ohio Ave. and Ohio Ct. and/or acquire the properties and remove any existing structures to alleviate flooding problems and mitigate the flood risk.*	F, SS	PP	Eliminates	Small	2, 6	n/a	Yes	Village Board / Department of Public Works	2-10 years	75% Federal 25% Local (FEMA)	Medium/High	New

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>	
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities	S Studies
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects	MP Miscellaneous Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement	PP Property Protection
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado		
		F Flood			
		L Landslide			

Tazewell County

**Figure 251
(Sheet 4 of 7)
Morton Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	<i>Deer Creek Channel & Floodplain Improvements:</i> Make improvements to the 2.5-mile unimproved reach of Deer Creek located between I-74 and Queenwood Rd. which serves as a discharge for a portion of the eastern developed watershed within the Village. The improvements will help maintain the creek's current flood control function for the upstream watershed and correct damages occurring within the downstream watershed. Improvements likely include but are not limited to land acquisition, hydrologic & hydraulic study, engineering & plan development and construction.*	F, SS	SP	Reduces	Small	2, 3, 5	Yes	Yes	Village Board / Department of Public Works	2-10 years	75% Federal 25% Local (FEMA)	High/High	New

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake F Flood L Landslide T Tornado	

Tazewell County

**Figure 251
(Sheet 5 of 7)
Morton Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Conduct a drainage/hydraulic study to identify the cause(s) and determine the appropriate remedy(s) to address the failing drainage system associated with the at-grade crossing of N. Main St. and the Norfolk Southern Railroad on the northeast side of the Village. Coordinate study with the railroad.	F, SS	S	Reduces	Small	2, 3, 5	Yes	Yes	Village Board / Department of Public Works	2-10 years	75% Federal 25% Local (FEMA)	Low/Medium	New
HM	Select, design and construct the appropriate improvement(s)/remedy(s) to alleviate drainage problems and better manage stormwater associated with the at-grade crossing of N. Main St. and the Norfolk Southern Railroad on the northeast side of the Village. Coordinate the implementation of the appropriate remedy(s) with the railroad.	F, SS	SP	Reduces	Small	2, 3, 5	Yes	Yes	Village Board / Department of Public Works	2-10 years	75% Federal 25% Local (FEMA)	Medium/Medium	New
HM	Bury power lines along N. Morton Ave. to Lettie Brown Elementary School & subdivisions north of Lakeview Dr. to limit service disruptions and road blockages by downed lines during natural hazard events. This area is heavily wooded and can only be accessed by N. Morton Ave.	SS, SWS, T	MP	Eliminates	Small	2, 3, 5	Yes	Yes	Village Board / Department of Public Works	2-10 years	To Be Determined	Medium/High	New

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado	S Studies
		F Flood		MP Miscellaneous Projects
		L Landslide		PP Property Protection

Tazewell County

**Figure 251
(Sheet 6 of 7)
Morton Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	Trim trees and remove dead material to minimize utility service disruptions and road blockages along N. Morton Ave. to Lettie Brown Elementary School & subdivisions north of Lakeview Dr.	SS, SWS, T	MP	Reduces	Small	2, 3, 5	Yes	Yes	Village Board / Department of Public Works	2-10 years	To Be Determined	Low/High	New
HM	Collaborate with developers on any future development east of Hyde Park Dr. (located off of N. Morton Ave.) to ensure proper layout and construction of a roadway that provides secondary access to Lettie Brown Elementary School and subdivisions to the west.	F, SS, SWS, T	SP	Eliminates	Small	2, 3, 5	Yes	Yes	Village Board / Department of Public Works	2-10 years	To Be Determined	High/High	New
LM	Conduct sewer line reconnaissance study to identify locations where storm water infiltrates the lines to improve the capacity, function and reliability of the Village's wastewater treatment plants.	F, SS, SWS	S	Reduces	Medium	2, 3, 5	Yes	Yes	Village Board / Department of Public Works	5-20 years	75% Federal 25% Local (IEPA)	Medium/High	New
HM	Repair/reline sewer line sections to reduce stormwater infiltration, improve the capacity, function and reliability of the Village's wastewater treatment plants and prevent sewage backups.	F, SS, SWS	SP	Eliminates	Medium	2, 3, 5	Ye	Yes	Village Board / Department of Public Works	5-20 years	75% Federal 25% Local (IEPA)	Medium/High	New

Acronyms

Priority		Hazard(s) to be Mitigated:		Type of Mitigation Activity:
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado	S Studies
		F Flood		MP Miscellaneous Projects
		L Landslide		PP Property Protection

Tazewell County

**Figure 251
(Sheet 7 of 7)
Morton Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes		Ongoing	Village	Low/High	New
LM	Make village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes		Ongoing	Village	Low/High	New
LM	Evaluate the feasibility of participating in the National Flood Insurance Program's voluntary Community Rating System.*	F	PP	Reduces	Small	1, 2, 3, 4, 5, 6, 7	Yes	Yes		To Be Determined	Village	Low/High	New

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado	S Studies
		F Flood		MP Miscellaneous Projects
		L Landslide		PP Property Protection

Tazewell County

**Figure 152
(Sheet 1 of 2)
Pekin Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Conduct a drainage/hydraulic study to determine the appropriate remedy(s) to alleviate recurring Illinois River flooding along Front Street and better protect the wastewater treatment facility which is located in the base floodplain of the Illinois River.	F, SS, SWS	S	Reduces	Large	2, 3, 5	n/a	Yes	City Council	To Be Determined	75% Federal 25% Local (FEMA)	Medium/Medium	New
HM	Select, design and construct the appropriate remedy(s) to alleviate Illinois River flooding along Front Street and better protect the wastewater treatment facility which is located in the base floodplain of the Illinois River.	F, SS, SWS	SP	Reduces	Large	2, 3, 5	n/a	Yes	City Council	To Be Determined	75% Federal 25% Local (FEMA)	High/High	New
LM	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	Ongoing	City	Low/High	New
LM	Make city officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	Ongoing	City	Low/High	New

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake F Flood L Landslide T Tornado	

Tazewell County

**Figure 152
(Sheet 2 of 2)
Pekin Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Evaluate the feasibility of participating in the National Flood Insurance Program's voluntary Community Rating System.*	F	PP	Reduces	Small	1, 2, 3, 4, 5, 6, 7	Yes	Yes	City Council	To Be Determined	City	Low/High	Existing (2010)
HM	Target FEMA's Repetitive Loss Properties for potential mitigation projects.*	F	PP	Reduces	Small	2, 6	n/a	Yes	City Council	Ongoing	75% Federal 25% Local (FEMA)	Medium/High	Existing (2010)
LM	Evaluate critical facilities and shelters to determine their resistance to natural hazards and recommend ways to strengthen or harden these facilities.	DF, EH, EQ, F, SS, SWS, T	S	Reduces	Small	2, 3, 5	n/a	Yes	City Council	To Be Determined	City	Low/Medium	Existing (2010)
LM	Establish digital coordinates for all critical facilities/infrastructure for use in GIS mapping applications. This information can be used to determine which critical facilities/infrastructure have the potential to be threatened by natural hazard events.	DF, EQ, F, SS, SWS, T	MP	Reduces	Large	2, 3, 5	n/a	Yes	City Council	Ongoing	City	Low/Medium	Existing (2010)

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	RA Regulatory Activities S Studies SP Structural Projects MP Miscellaneous Projects PI Public Involvement PP Property Protection
HL Mitigation action with the potential to reduce impacts from the most significant hazards	EH Excessive Heat EQ Earthquake SWS Severe Winter Storms & Excessive Cold	
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	F Flood L Landslide T Tornado	
LL Mitigation action with the potential to reduce impacts from the less significant hazards		

Tazewell County

**Figure 153
(Sheet 1 of 2)
Tremont Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	Purchase and install a new electronic warning siren system with public address capabilities within the Village to replace the two outdated sirens currently in use.	SS, T	MP	Reduces	Large	2	n/a	n/a	Village Board	To Be Determined	To Be Determined	Medium/High	New
HM	Purchase and install automatic emergency backup generators at drinking water well sites to provide uninterrupted power and maintain operations during a power outage.	EH, EQ, F, SS, SWS, T	MP	Eliminates	Large	2, 3, 5	Yes	Yes	Village Board	To Be Determined	To Be Determined	Medium/High	New
HM	Purchase and install an automatic emergency backup generator at Locust Street lift station to provide uninterrupted power and maintain operations during a power outage.	EH, EQ, F, SS, SWS, T	MP	Eliminates	Small	2, 3, 5	Yes	Yes	Village Board	To Be Determined	To Be Determined	Medium/High	New
LM	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	Village Board	Ongoing	Village	Low/High	New

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake F Flood L Landslide T Tornado	

Tazewell County

**Figure 153
(Sheet 2 of 2)
Tremont Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Make village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	Village Board	Ongoing	Village	Low/High	New
LM	Evaluate the feasibility of participating in the National Flood Insurance Program's voluntary Community Rating System.*	F	PP	Reduces	Small	1, 2, 3, 4, 5, 6, 7	Yes	Yes	Village Board	To Be Determined	Village	Low/High	New

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EQ Earthquake SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	F Flood T Tornado	
	L Landslide	

Tazewell County

**Figure 254
(Sheet 1 of 6)
Washington Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	<i>Washington Estates Flood Mitigation Project:</i> Construct upstream detention basin, channelize/reshape Tributary No. 2 and extend storm sewer to the Washington Estates Subdivision to better manage stormwater runoff, increase carrying capacity and alleviate drainage/flooding problems.	F, SS	SP	Reduces	Small	2, 3, 5	Yes	Yes	City	To Be Determined	To Be Determined	High/Medium	New
LM	<i>School Street Detention Basin Dam Reconfiguration Project:</i> Conduct a study to determine the potential impacts reconfiguring the School Street Detention Basin Dam would have on flood protection to downstream residents.	DF, F, SS	S	Reduces	Small	2, 3, 5	n/a	Yes	City	To Be Determined	To Be Determined	Low/Medium	New
HM	<i>Rolling Meadows Stormwater Mitigation Project:</i> Replace/upsized culverts in the Rolling Meadows Subdivision to maintain/increase carrying capacity and reduce/prevent drainage/flooding problems.	F, SS	SP	Reduces	Small	2, 3, 5	n/a	Yes	City	To Be Determined	To Be Determined	Medium/Medium	New

Acronyms

Priority	
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards
HL	Mitigation action with the potential to reduce impacts from the most significant hazards
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards
LL	Mitigation action with the potential to reduce impacts from the less significant hazards

Hazard(s) to be Mitigated:			
DF	Dam Failure	MS	Mine Subsidence
DR	Drought	SS	Severe Storms (Thunderstorms, Hail, Lightning)
EH	Excessive Heat		
EQ	Earthquake	SWS	Severe Winter Storms & Excessive Cold
F	Flood		
L	Landslide	T	Tornado

Type of Mitigation Activity:			
RA	Regulatory Activities	S	Studies
SP	Structural Projects	MP	Miscellaneous Projects
PI	Public Involvement	PP	Property Protection

Tazewell County

**Figure 254
(Sheet 2 of 6)
Washington Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	<i>Water Treatment Plant #1 Flood Protection Project:</i> Select, design and construct the appropriate remedy(s) outlined in the Water Treatment No. 1 Flood Protection Investigation Planning Report (Sept. 2018) to reduce the likelihood of a flood event impacting Water Treatment Plant No. 1. Currently the treatment plant is located in the base/500-year floodplain of Farm Creek.	F, SS	SP	Reduces	Medium	2, 3, 5	n/a	Yes	City	2 years	To Be Determined	Medium/High	New
LM	<i>East Side Regional Drainage Flood Mitigation Project:</i> Conduct a drainage/hydraulic study to determine the appropriate remedy(s) to address potential flood problems associated with Farm Creek at the east end of the City.	F, SS	S	Reduces	Small	2, 3, 5	Yes	Yes	City	To Be Determined	To Be Determined	Low/Medium	New
LM	Submit Letters of Map Revisions (LOM-R) when needed for areas within the City.	F	MP	Reduces	Small	4, 6	Yes	Yes	City	To Be Determined	City	Low/Medium	New

Acronyms

Priority	
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards
HL	Mitigation action with the potential to reduce impacts from the most significant hazards
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards
LL	Mitigation action with the potential to reduce impacts from the less significant hazards

Hazard(s) to be Mitigated:			
DF	Dam Failure	MS	Mine Subsidence
DR	Drought	SS	Severe Storms (Thunderstorms, Hail, Lightning)
EH	Excessive Heat		
EQ	Earthquake	SWS	Severe Winter Storms & Excessive Cold
F	Flood		
L	Landslide	T	Tornado

Type of Mitigation Activity:			
RA	Regulatory Activities	S	Studies
SP	Structural Projects	MP	Miscellaneous Projects
PI	Public Involvement	PP	Property Protection

Tazewell County

**Figure 254
(Sheet 3 of 6)
Washington Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	<i>Farm Creek Railroad Structures Project:</i> Select and implement the appropriate remedy(s) (i.e., stream modifications, set-aside/compensatory storage, acquisitions, etc.) to alleviate flooding problems associated with the two TP&W Railroad bridges and old railroad bridge/park district bike trail over Farm Creek.	F, SS	SP	Reduces	Small	2, 3, 5, 6	n/a	Yes	City	To Be Determined	75% Federal 25% Local	High/High	New
LM	Designate Five Points as a warming center for city residents.	SWS	MP	Reduces	Small	2	n/a	n/a	City / Five Points Washington	To Be Determined	City	Low/High	New
HM	Purchase and install an automatic emergency backup generator at Five Points Washington (a designated warming center) to provide uninterrupted during power outages.	SWS	MP	Eliminates	Small	2	n/a	Yes	City / Five Points Washington	To Be Determine	To Be Determined	Medium/High	New
LM	Identify strategic locations within the City to site community safe rooms (tornado shelters) and determine whether existing public buildings can be retrofitted to include community safe rooms or if standalone structures need to be erected.	SS, T	S	Reduces	Medium	2	Yes	Yes	City	To Be Determined	City	Low/Medium	New

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>	
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities	S Studies
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects	MP Miscellaneous Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement	PP Property Protection
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado		
		F Flood			
		L Landslide			

Tazewell County

**Figure 254
(Sheet 4 of 6)
Washington Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	Retrofit an existing public building and/or construct a new standalone structure to serve as a community safe room (tornado shelter) for City residents.	SS, T	SP	Reduces	Small	2	Yes	Yes	City	To Be Determined	75% Federal 25% Local (FEMA)	Medium/High	New
HM	Clear wooded ravine easements to help access and maintain sanitary sewer and manholes. The City owns and maintains approximately 80 miles of sanitary sewer and has approximately 18,700 linear feet of wooded ravine easements.	EQ, F, L, SS, SWS, T	MP	Reduces	Medium	2, 3, 5	Yes	Yes	City	Ongoing	City	Medium/Medium	New
HM	Provide crossing protection (i.e., riprap, caging, etc.) for sanitary sewer line stream crossings. There are 70 sanitary sewer stream crossings within the City's system that would benefit from protection.	F, SS, SWS	SP	Reduces	Small	2, 3, 5, 6	Yes	Yes	City	Ongoing	City / To Be Determined	Medium/High	New
HM	Reconfigure 4 aerial sanitary sewer line stream crossings to meet guidelines for storm conveyance.	F, SS, SWS	SP	Reduces	Small	2, 3, 5, 6	Yes	Yes	City	To Be Determined	To Be Determined	Medium/High	New

Acronyms

Priority	
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards
HL	Mitigation action with the potential to reduce impacts from the most significant hazards
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards
LL	Mitigation action with the potential to reduce impacts from the less significant hazards

Hazard(s) to be Mitigated:			
DF	Dam Failure	MS	Mine Subsidence
DR	Drought	SS	Severe Storms (Thunderstorms, Hail, Lightning)
EH	Excessive Heat	SWS	Severe Winter Storms & Excessive Cold
EQ	Earthquake	T	Tornado
F	Flood		
L	Landslide		

Type of Mitigation Activity:			
RA	Regulatory Activities	S	Studies
SP	Structural Projects	MP	Miscellaneous Projects
PI	Public Involvement	PP	Property Protection

Tazewell County

**Figure 254
(Sheet 5 of 6)
Washington Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City	Ongoing	City	Low/High	New
LM	Make city officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City	Ongoing	City	Low/High	New
LM	Evaluate the feasibility of participating in the National Flood Insurance Program's voluntary Community Rating System.*	F	PP	Reduces	Small	1, 2, 3, 4, 5, 6, 7	Yes	Yes	City	To Be Determined	City	Low/High	Existing (2010)
HM	Target FEMA's Repetitive Loss Properties for potential mitigation projects.*	F	PP	Reduces	Small	2, 6	n/a	Yes	City	Ongoing	75% Federal 25% Local (FEMA)	Medium/High	Existing (2010)
LM	Target FEMA's Repetitive Loss Properties for educational outreach.*	F	PI	Reduces	Small	2, 6	n/a	Yes	City	Ongoing	To Be Determined	Low/Medium	Existing (2010)
LM	Develop educational materials that can be used to inform residents about the benefits of the National Flood Insurance Program and how it is administered locally.*	F	PI	Reduces	Small	1, 2	Yes	Yes	City	Ongoing	City	Low/Medium	Existing (2010)

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake L Landslide T Tornado	

Tazewell County

**Figure 254
(Sheet 6 of 6)
Washington Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Locate and label all public hydrants in the City to assist in street identification in the event of widespread natural hazard damage.	DF, EQ, F, SS, T	MP	Reduces	Large	2, 4	n/a	n/a	City	Ongoing	City	Low/Medium	Existing (2010)
LM	Develop “hazard information centers” in public libraries and on the City’s website to inform residents of the risks to life and property associated with natural hazards and the proactive actions they can take to reduce or eliminate their risk	DF, DR, EH, EQ, F, SS, SWS, T	PI	Reduces	Large	1, 2	Yes	Yes	City	Ongoing	City	Low/High	Existing (2010)
LM	Evaluate critical facilities and shelters to determine their resistance to natural hazards and recommend ways to strengthen or harden these facilities.	DF, EH, EQ, F, SS, SWS, T	S	Reduces	Small	2, 3, 5	n/a	Yes	City	To Be Determined	City	Low/Medium	Existing (2010)
LM	Establish digital coordinates for all critical facilities/infrastructure for use in GIS mapping applications. This information can be used to determine which critical facilities/infrastructure have the potential to be threatened by natural hazard events.	DF, EQ, F, SS, SWS, T	MP	Reduces	Large	2, 3, 5	n/a	Yes	City	Ongoing	City	Low/Medium	Existing (2010)

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake F Flood L Landslide T Tornado	

Woodford County

**Figure 255
(Sheet 1 of 4)
Woodford County Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
County Board													
LM	Improve coordination between the County, townships, cities and villages in an effort to help implement hazard mitigation projects and cleanup activities aimed at reducing or eliminating the risk associated with natural hazard events.	DF, DR, EH, EQ, F, SS, SWS, T	PI	Reduces	Large	2, 3, 5	Yes	Yes	Emergency Management Agency	Ongoing	County	Low/High	New
HM	Purchase and install an automatic emergency backup generator at the County Courthouse to provide uninterrupted power to the Emergency Operations Center/Joint Information Center (County Board Room) and maintain operations during a power outage.	DF, EH, EQ, F, SS, SWS, T	MP	Eliminates	Small	2, 3, 5	n/a	Yes	Emergency Management Agency	To Be Determined	To Be Determined	Medium/High	New

Acronyms

Priority	
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards
HL	Mitigation action with the potential to reduce impacts from the most significant hazards
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards
LL	Mitigation action with the potential to reduce impacts from the less significant hazards

Hazard(s) to be Mitigated:			
DF	Dam Failure	MS	Mine Subsidence
DR	Drought	SS	Severe Storms (Thunderstorms, Excessive Heat)
EH	Excessive Heat		Hail, Lightning)
EQ	Earthquake	SWS	Severe Winter Storms & Excessive Cold
F	Flood		
L	Landslide	T	Tornado

Type of Mitigation Activity:			
RA	Regulatory Activities	S	Studies
SP	Structural Projects	MP	Miscellaneous Projects
PI	Public Involvement	PP	Property Protection

Woodford County

**Figure 255
(Sheet 2 of 4)
Woodford County Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
Building/Zoning Continued...													
LM	Continue to make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	Building/Zoning Department	Ongoing	County	Low/High	New
LM	Continue to make county officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	Building/Zoning Department	Ongoing	County	Low/High	New
LM	Evaluate the feasibility of participating in the National Flood Insurance Program's voluntary Community Rating System.*	F	PP	Reduces	Small	1, 2, 3, 4, 5, 6, 7	Yes	Yes	Building/Zoning Department	To Be Determined	County	Low/High	Existing (2010)
LM	Develop educational materials that can be used to inform residents about the benefits of the National Flood Insurance Program and how it is administered locally.*	F	PI	Reduces	Small	1, 2	Yes	Yes	Building/Zoning Department	Ongoing	County	Low/Medium	Existing (2010)
HM	Target FEMA's Repetitive Loss Properties for potential mitigation projects.*	F	PP	Reduces	Small	2, 6	n/a	Yes	Building/Zoning Department	Ongoing	75% Federal 25% Local (FEMA)	Medium/High	Existing (2010)
LM	Target FEMA's Repetitive Loss Properties for educational outreach.*	F	PI	Reduces	Small	2, 6	n/a	Yes	Building/Zoning Department	Ongoing	To Be Determined	Low/Medium	Existing (2010)

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>					
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF	Dam Failure	MS	Mine Subsidence	RA	Regulatory Activities	S	Studies
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR	Drought	SS	Severe Storms (Thunderstorms, Hail, Lightning)	SP	Structural Projects	MP	Miscellaneous Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH	Excessive Heat	SWS	Severe Winter Storms & Excessive Cold	PI	Public Involvement	PP	Property Protection
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ	Earthquake						
		F	Flood						
		L	Landslide	T	Tornado				

Woodford County

**Figure 255
(Sheet 3 of 4)
Woodford County Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
Emergency Management Agency													
HM	Purchase portable, trailer-mounted LED emergency message boards to alert the public of hazardous conditions associated with natural hazard events.	DF, EH, DQ, F, SS, SWS, T	MP	Reduces	Medium	2	n/a	n/a	Emergency Management Agency	To Be Determined	To Be Determined	Low/Medium	New
HM	Purchase and install storm warning sirens in unincorporated communities and subdivisions within the County that do not have coverage.	SS, T	MP	Reduces	Small	2	n/a	n/a	Emergency Management Agency	To Be Determined	To Be Determined	Medium/High	New
HM	Purchase a new siren encoder (siren control unit) that can be utilized as a backup to activate sirens in all the communities in the County.	SS, T	MP	Reduces	Large	2	n/a	n/a	Emergency Management Agency	ASAP	To Be Determined	Low/High	New
HL	Develop an early warning notification system to alert residents along the Mackinaw River in the event of a dam failure at Lake Evergreen Dam.	DF	PI	Reduces	Small	2	n/a	n/a	Emergency Management Agency	ASAP	To Be Determined	Medium/Medium	New
LM	Evaluate critical facilities and shelters to determine their resistance to natural hazards and recommend ways to strengthen or harden these facilities.	DF, EH, EQ, F, SS, SWS, T	S	Reduces	Small	2, 3, 5	n/a	Yes	Emergency Management Agency	To Be Determined	County	Low/Medium	Existing (2010)

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado	S Studies
		F Flood		MP Miscellaneous Projects
		L Landslide		PP Property Protection

Woodford County

**Figure 255
(Sheet 4 of 4)
Woodford County Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
Emergency Management Agency Continued...													
HM	Purchase and distribute NOAA weather radios to schools, churches and other gathering places.	DF, EH, EQ, F, SS, SWS, T	MP	Reduces	Large	2	n/a	n/a	Emergency Management Agency	Ongoing	To Be Determined	Low/High	Existing (2010)
HM	Examine the feasibility of designating schools and other public buildings as heating centers and emergency shelters.	DF, EH, EQ, F, SS, SWS, T	MP	Reduces	Medium	2	n/a	n/a	Emergency Management Agency	Ongoing	County	Low/High	Existing (2010)
LM	Develop and implement a community outreach program that informs residents of the risks to life and property associated with natural hazards and the proactive actions that they can take to reduce or eliminate their risk.	DF, DR, EH, EQ, F, SS, SWS, T	PI	Reduces	Large	1, 2	Yes	Yes	Emergency Management Agency	Ongoing	To Be Determined	Low/High	Existing (2010)
LM	Establish digital coordinates for all critical facilities/infrastructure for use in GIS mapping applications. This information can be used to determine which critical facilities/infrastructure have the potential to be threatened by natural hazard events.	DF, EQ, F, SS, SWS, T	MP	Reduces	Large	2, 3, 5	n/a	Yes	Emergency Management Agency	Ongoing	County	Low/Medium	Existing (2010)

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado	S Studies
		F Flood		MP Miscellaneous Projects
		L Landslide		PP Property Protection

Woodford County

**Figure 256
(Sheet 1 of 3)
Eureka Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	Purchase and install sewer valves at wastewater treatment plant to isolate system operations and protect plant functions during heavy rain events.	F, SS	SP	Reduces	Large	2, 3, 5	n/a	Yes	City Council / Enterprise Committee / WWTP	1 year	To Be Determined	Low/High	New
LM	Obtain approval from Illinois Department of Natural Resources to construct flood wall/berm around the wastewater treatment plant.	F, SS	MP	Reduces	Large	2, 3, 5	n/a	Yes	City Council / Enterprise Committee / WWTP	2-3 years	City	Low/High	New
HM	Construct flood wall/berm around the wastewater treatment plant to address recurring flood problems associated with Walnut Creek.	F, SS	SP	Reduces	Large	2, 3, 5	n/a	Yes	City Council / Enterprise Committee / Wastewater Treatment Plant	2-3 years	To Be Determined	Medium/High	New
HM	Incorporate a community safe room (tornado shelter) into the design and construction of a new combined city services building for use by city employees and area residents.	SS, T	SP	Reduces	Small	2	Yes	n/a	City Council / Public Safety and Administration Committee	2 years	75% Federal 25% Local (FEMA)	Medium/High	New
LM	Install/upsized new water mains and fire hydrants at various locations within the City to ensure a constant supply of water for residents and aid in fire suppression during natural hazard events.	DR, EH, EQ, F, SS, SWS, T	SP	Reduces	Large	2, 3, 5	Yes	Yes	City Council / Enterprise Committee	Ongoing	To Be Determined	High/Medium	New

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado	S Studies
		F Flood		MP Miscellaneous Projects
		L Landslide		PP Property Protection

Woodford County

**Figure 256
(Sheet 2 of 3)
Eureka Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	Repair/reline sewer line sections to reduce stormwater infiltration and prevent sewage backups.	F, SS, SWS	SP	Eliminates	Medium	2, 3, 5	Yes	Yes	City Council / Enterprise Committee	Ongoing	75% Federal 25% Local (IEPA)	Medium/High	New
LM	Continue construction of water main loops to provide redundancy in the system, minimize service disruptions as a result of pipe or water main breaks and aid in fire suppression in the event of a natural hazard.	EQ, F, SS, SWS, T	SP	Reduces	Medium	2, 3, 5	Yes	Yes	City Council / Enterprise Committee	Ongoing	To Be Determined	Medium/Medium	New
HM	Upgrade/upsized storm sewer system in areas prone to flooding to increase capacity and better manage runoff.	F, SS, SWS	SP	Reduces	Small	2, 3, 5	Yes	Yes	City Council / Enterprise Committee	Ongoing	75% Federal 25% Local (IEPA)	Medium/High	New
HM	Upgrade/upsized stormwater drainage system (ditches, culverts, etc.) in areas prone to flooding to better manage runoff and alleviate flooding concerns.	F, SS, SWS	SP	Reduces	Small	2, 3, 5	Yes	Yes	City Council / Enterprise Committee	Ongoing	To Be Determined	Medium/High	New
LM	Collaborate with the County's Emergency Management Agency to develop a more robust Emergency Services Department within the City.	DF, EH, EQ, F, SS, SWS, T	MP	Reduces	Large	2, 3, 5	Yes	Yes	City Council	Ongoing	City	Low/High	New
HM	Purchase portable trash pump, 8" or larger, to remove excess water from critical facilities/infrastructure during heavy rain/flood events.	F, SS, SWS	MP	Reduces	Small	2, 3, 5	Yes	Yes	City Council / Public Works	3 years	To Be Determined	Low/High	New

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado	S Studies
		F Flood		MP Miscellaneous Projects
		L Landslide		PP Property Protection

Woodford County

**Figure 256
(Sheet 3 of 3)
Eureka Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	Ongoing	City	Low/High	New
LM	Make village officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	Ongoing	City	Low/High	New
LM	Evaluate the feasibility of participating in the National Flood Insurance Program's voluntary Community Rating System.*	F	PP	Reduces	Small	1, 2, 3, 4, 5, 6, 7	Yes	Yes	City Council	To Be Determined	City	Low/High	New

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake F Flood L Landslide T Tornado	

Woodford County

**Figure 257
(Sheet 1 of 4)
Germantown Hills Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	Retrofit an existing public building and/or construct a new structure to serve as a community safe room (tornado shelter) equipped with emergency backup generator and HVAC units that can also be used as an emergency shelter and heating/cooling center for Village residents.	EH, EQ, F, SS, SWS, T	SP	Reduces	Medium	2, 3, 5	Yes	Yes	Village Board	5 years	75% Federal 25% Local (FEMA)	High/High	New
HM	Retrofit the Village Hall, Maintenance Building/Shop and Wastewater Treatment Plant to high wind standards (including but not limited to installation of a roof anchoring system) to protect the buildings from high wind damage.	SS, T	SP	Reduces	Small	2, 3, 5	n/a	Yes	Village Board	5-10 years	75% Federal 25% Local (FEMA)	Medium/Medium	New
HM	Install shatter-proof glass at the Village Hall and Wastewater Treatment Plant to make the buildings resistant natural hazard events.	EQ, SS, T	SP	Reduces	Small	2, 3, 5	n/a	Yes	Village Board	5-10 years	75% Federal 25% Local (FEMA)	Medium/Medium	New
HM	Repair/reline sewer line sections where storm water infiltration is occurring to prevent sewage backups in the Whispering Oaks subdivision.	F, SS, SWS	SP	Eliminates	Small	2, 3, 5	Yes	Yes	Village Board	5 years	75% Federal 25% Local (IEPA)	Medium/High	New

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	F Flood L Landslide T Tornado	

Woodford County

**Figure 257
(Sheet 2 of 4)
Germantown Hills Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	Purchase a portable emergency backup generator for use at lift stations to maintain operations during power outages.	EH, EQ, F, SS, SWS, T	MP	Eliminates	Medium	2, 3, 5	Yes	Yes	Village Board	5 years	To Be Determined	Low/High	New
HM	Purchase and install emergency backup generators with automatic transfer switches at Coventry Farms I and Deer Ridge onsite lift stations to provide uninterrupted power and maintain operations during power outages.	EH, EQ, F, SS, SWS, T	MP	Eliminates	Small	2, 3, 5	Yes	Yes	Village Board	5 years	To Be Determined	Medium/High	New
HM	Purchase and install a new emergency backup generator at Wastewater Treatment Plant 1 to provide uninterrupted power and maintain operations during power outages.	EH, EQ, F, SS, SWS, T	MP	Eliminates	Medium	2, 3, 5	Yes	Yes	Village Board	5 years	To Be Determined	Medium/High	New
LM	Inventory, scan and store off site (cloud-based storage) vital village records (including sewer & water records) to protect and maintain service in the event a natural hazard event impacts Village Hall.	EQ, F, SS, SWS, T	MP	Eliminates	Large	5, 8	n/a	n/a	Village Board	5 years	To Be Determined	Medium/High	New

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado	S Studies
		F Flood		MP Miscellaneous Projects
		L Landslide		PP Property Protection

Woodford County

**Figure 257
(Sheet 3 of 4)
Germantown Hills Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	Purchase and install an automatic emergency backup generator at Village Hall to provide uninterrupted power and maintain operations during a power outage.	EH, EQ, F, SS, SWS, T	MP	Eliminates	Small	2, 3, 5	n/a	Yes	Village Board	3 years	To Be Determined	Medium/High	New
LM	Conduct a drainage/hydraulic study to identify the cause(s) and determine the appropriate remedy(s) to alleviate recurring drainage/flooding problems within the City.	F, SS, SWS	S	Reduces	Medium	2, 3, 5	Yes	Yes	Village Board	5 years	75% Federal 25% Local (FEMA)	Medium/Medium	New
HM	Select, design and construct the appropriate remedy(s) to alleviate recurring drainage/flooding problems within the City.	F, SS, SWS	SP	Reduces	Medium	2, 3, 5	Yes	Yes	Village Board	5 years	75% Federal 25% Local (FEMA)	High/Medium	New
HM	Install curb and gutter at various locations within the Village to help direct the flow of stormwater runoff to drainage structures in an effort to alleviate drainage/flooding problems.	F, SS, SWS	SP	Reduces	Medium	2, 3, 5	Yes	Yes	Village Board	5-10 years	To Be Determined	Medium/Medium	New

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake F Flood L Landslide T Tornado	

Woodford County

**Figure 257
(Sheet 4 of 4)
Germantown Hills Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	Reshape and regrade select high impact drainage ditches to increase carrying capacity and alleviate drainage/flooding problems.	F, SS, SWS	MP	Reduces	Small	2, 3, 5	Yes	Yes	Village Board	5-10 years	To Be Determined	Medium/Medium	New
HM	Remove debris, vegetative overgrowth, brush from streams and creeks within the City to maintain/increase carrying capacity, better manage stormwater runoff and reduce/prevent drainage problems.	F, SS, SWS	MP	Reduces	Small	2, 3, 5	Yes	Yes	Village Board	Ongoing	Village	Low/High	New
HM	Clean debris/obstructions out of culverts to maximize carrying capacity and reduce/prevent drainage problems.	F, SS, SWS	MP	Reduces	Medium	2, 3, 5	Yes	Yes	Village Board	Ongoing	Village	Low/High	New

Acronyms

Priority		Hazard(s) to be Mitigated:		Type of Mitigation Activity:
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Excessive Heat)	SP Structural Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado	S Studies
		F Flood		MP Miscellaneous Projects
		L Landslide		PP Property Protection

Woodford County

**Figure 258
(Sheet 1 of 4)
Roanoke Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Obtain elevation certificates for all municipal buildings located in the floodplain.*	F	S	Reduces	Small	2, 3, 5	n/a	Yes	Village Board	1 year	To Be Determined	Low/High	New
HM	Design and construct a community safe room (tornado shelter) that is equipped with an emergency backup generator and HVAC units as part of new a community center. The community safe room can be used as warming/cooling center and emergency shelter for village residents.	EH, EQ, F, SS, SWS, T	SP	Reduces	Medium	2, 3, 5	Yes	Yes	Village Board	To Be Determined	75% Federal 25% Local (FEMA)	High/High	New
HM	Retrofit an existing public building and/or construct a new standalone structure to serve as a community safe room (tornado shelter) for City residents.	SS, T	SP	Reduces	Small	2	Yes	Yes	Village Board	To Be Determined	75% Federal 25% Local (FEMA)	High/High	New
HM	Relocate Village Hall and Public Works out of the West Branch Panther Creek base floodplain to provide continuity/continuation of services during flood events.*	F, SS, SWS	PP	Eliminates	Small	2, 3, 5	Yes	n/a	Village Board	To Be Determined	75% Federal 25% Local (FEMA)	High/High	New

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake F Flood L Landslide T Tornado	

Woodford County

**Figure 258
(Sheet 2 of 4)
Roanoke Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	Remove debris, vegetative overgrowth, and brush from streams and creeks within the Village to maintain/increase carrying capacity, better manage stormwater runoff and reduce the risk of flooding.	F, SS, SWS	MP	Reduces	Small	2, 3, 5	Yes	Yes	Village Board	Ongoing	Village	Low/High	New
LM	Inventory, scan and store off site vital village records to protect and maintain service in the event a natural hazard event impacts Village Hall.	EQ, F, SS, SWS, T	MP	Eliminates	Large	5, 8	n/a	n/a	Village Board	2 years	To Be Determined	Medium/High	New
HM	Acquire flood-prone properties and removed existing structures.*	F, SS, SWS	PP	Eliminates	Small	2, 6	n/a	Yes	Village Board	To Be Determined	75% Federal 25% Local (FEMA)	Medium/High	New
LM	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	Village Board	Ongoing	Village	Low/High	New
LM	Make city officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	Village Board	Ongoing	Village	Low/High	New

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake F Flood L Landslide T Tornado	

Woodford County

**Figure 258
(Sheet 3 of 4)
Roanoke Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Participate in the National Flood Insurance Program's voluntary Community Rating System to lower flood insurance rates for residents.*	F	PP	Reduces	Small	1, 2, 3, 4, 5, 6, 7	Yes	Yes	Village Board	1 year	Village	Low/High	Existing (2010)
HM	Target FEMA's Repetitive Loss Properties for potential mitigation projects.*	F	PP	Reduces	Small	2, 6	n/a	Yes	Village Board	Ongoing	75% Federal 25% Local (FEMA)	Medium/High	Existing (2010)
LM	Target FEMA's Repetitive Loss Properties for educational outreach.*	F	PI	Reduces	Small	2, 6	n/a	Yes	Village Board	Ongoing	To Be Determined	Low/Medium	Existing (2010)
LM	Develop educational materials that can be used to inform residents about the benefits of the National Flood Insurance Program and how it is administered locally.*	F	PI	Reduces	Small	1, 2	Yes	Yes	Village Board	Ongoing	Village	Low/Medium	Existing (2010)
LM	Locate and label all public hydrants in the Village to assist in street identification in the event of widespread natural hazard damage.	EQ, F, SS, T	MP	Reduces	Large	2, 4	n/a	n/a	Village Board	Ongoing	Village	Low/Medium	Existing (2010)

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	RA Regulatory Activities S Studies SP Structural Projects MP Miscellaneous Projects
HL Mitigation action with the potential to reduce impacts from the most significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EQ Earthquake F Flood L Landslide T Tornado	
LL Mitigation action with the potential to reduce impacts from the less significant hazards		

Woodford County

**Figure 258
(Sheet 4 of 4)
Roanoke Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Develop “hazard information centers” at the public library and on the Village’s website to inform residents of the risks to life and property associated with natural hazards and the proactive actions they can take to reduce or eliminate their risk	DF, DR, EH, EQ, F, SS, SWS, T	PI	Reduces	Large	1, 2	Yes	Yes	Village Board	Ongoing	Village	Low/High	Existing (2010)
LM	Evaluate critical facilities and shelters to determine their resistance to natural hazards and recommend ways to strengthen or harden these facilities.	DF, EH, EQ, F, SS, SWS, T	S	Reduces	Small	2, 3, 5	n/a	Yes	Village Board	To Be Determined	Village	Low/Medium	Existing (2010)
LM	Establish digital coordinates for all critical facilities/infrastructure for use in GIS mapping applications. This information can be used to determine which critical facilities/infrastructure have the potential to be threatened by natural hazard events.	DF, EQ, F, SS, SWS, T	MP	Reduces	Large	2, 3, 5	n/a	Yes	Village Board	Ongoing	Village	Low/Medium	Existing (2010)

Acronyms

Priority	
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards
HL	Mitigation action with the potential to reduce impacts from the most significant hazards
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards
LL	Mitigation action with the potential to reduce impacts from the less significant hazards

Hazard(s) to be Mitigated:			
DF	Dam Failure	MS	Mine Subsidence
DR	Drought	SS	Severe Storms (Thunderstorms, Hail, Lightning)
EH	Excessive Heat		
EQ	Earthquake	SWS	Severe Winter Storms & Excessive Cold
F	Flood		
L	Landslide	T	Tornado

Type of Mitigation Activity:			
RA	Regulatory Activities	S	Studies
SP	Structural Projects	MP	Miscellaneous Projects
PI	Public Involvement	PP	Property Protection

Peoria County (Participating Municipalities Only)

**Figure 259
(Sheet 1 of 3)
Bartonville Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HL	Remove existing residential and commercial structures from subsidence hazard areas.	MS	PP	Eliminates	Small	2	n/a	Yes	Village Board	1 year	To Be Determined	Medium/High	New
LM	Develop and implement winter weather risk awareness activating that educates residents about severe winter storms and extreme cold and the actions they can take to protect themselves.	SWS	PI	Reduces	Large	1, 2	Yes	Yes	Village Board	1 year	To Be Determined	Low/High	New
LM	Identify access and function needs residents and coordinate with local organizations to provide: 1) educational materials on emergency preparedness and the actions that can be taken to reduce or eliminate the risks to life and property associated with natural hazard events and 2) assistance/supportive services during and after natural hazard events.	EH, EQ, F, L, MS, SS, SWS, T	PI	Reduces	Small	1, 2	Yes	Yes	Village Board	1 year	To Be Determined	Low/High	New
LL	Develop and implement a community outreach program that educates residents about mine subsidence and the actions residents can take to protect themselves and their property.	MS	PI	Reduces	Medium	1, 2	Yes	Yes	Village Board	2 years	To Be Determined	Low/Medium	New

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>	
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF	Dam Failure	MS	Mine Subsidence
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR	Drought	SS	Severe Storms (Thunderstorms, Hail, Lightning)
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH	Excessive Heat	SWS	Severe Winter Storms & Excessive Cold
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ	Earthquake	L	Landslide
		F	Flood	T	Tornado
		L	Landslide		
		RA	Regulatory Activities	S	Studies
		SP	Structural Projects	MP	Miscellaneous Projects
		PI	Public Involvement	PP	Property Protection

Peoria County (Participating Municipalities Only)

**Figure 259
(Sheet 2 of 3)
Bartonville Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Conduct a drainage/hydraulic study to determine the number of pump stations and associated piping/containment needed to alleviate recurring Kickapoo Creek flooding impacting homes and businesses along Illinois Route 24.	F, SS, SWS	S	Reduces	Small	2, 3, 5	Yes	Yes	Village Board	1 year	75% Federal 25% Local (FEMA)	Medium/Medium	New
HM	Install pump stations with automatic emergency backup generators at selected locations to alleviate recurring Kickapoo Creek flooding impacting homes and businesses along Illinois Route 24.	F, SS	SP	Reduces	Small	2, 3, 5	Yes	Yes	Village Board	2 years	75% Federal 25% Local (FEMA)	High/High	New
HM	Purchase portable, trailer-mounted changeable emergency message boards to alert the public of hazardous conditions, detours, evacuations, etc. associated with natural hazard events.	EH, EQ, F, L, MS, SS, SWS, T	MP	Reduces	Medium	2	n/a	n/a	Village Board	1 year	To Be Determined	Low/Medium	New
LM	Designate warming/cooling centers within the Village for use by residents and secure hosting agreements with each location.	EH, SWS	MP	Reduces	Small	2	n/a	n/a	Village Board	1 year	Village	Low/High	New
HM	Bury utility lines to critical facilities to limit service disruptions during natural hazard events.	SS, SWS, T	MP	Eliminates	Large	2, 3, 5	n/a	Yes	Village Board	1 year	To Be Determined	Low/High	New

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL	F Flood L Landslide T Tornado	

Peoria County (Participating Municipalities Only)

**Figure 259
(Sheet 3 of 3)
Bartonville Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	Village Board	Ongoing	Village	Low/High	New
LM	Make city officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	Village Board	Ongoing	Village	Low/High	New
LM	Review and present for adoption the updated Flood Insurance Rate Maps when they become available.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	Village Board	To Be Determined	Village	Low/Medium	New
LM	Present for adoption an updated floodplain ordinance.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	Village Board	To Be Determined	Village	Low/Medium	New
LM	Evaluate the feasibility of participating in the National Flood Insurance Program's voluntary Community Rating System.*	F	PP	Reduces	Small	1, 2, 3, 4, 5, 6, 7	Yes	Yes	Village Board	To Be Determined	Village	Low/High	New

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake F Flood L Landslide T Tornado	

Peoria County (Participating Municipalities Only)

**Figure 260
(Sheet 1 of 3)
Chillicothe Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	Ongoing	City	Low/High	New
LM	Make city officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	Ongoing	City	Low/High	New
LM	Review and present for adoption the updated Flood Insurance Rate Maps when they become available.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	To Be Determined	City	Low/Medium	Existing (2010)
LM	Present for adoption an updated floodplain ordinance.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	To Be Determined	City	Low/Medium	Existing (2010)
LM	Evaluate the feasibility of participating in the National Flood Insurance Program's voluntary Community Rating System.*	F	PP	Reduces	Small	1, 2, 3, 4, 5, 6, 7	Yes	Yes	City Council	To Be Determined	City	Low/High	Existing (2010)
HM	Target FEMA's Repetitive Loss Properties for potential mitigation projects.*	F	PP	Reduces	Small	2, 6	n/a	Yes	City Council	Ongoing	75% Federal 25% Local (FEMA)	Medium/High	Existing (2010)

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake F Flood L Landslide T Tornado	

Peoria County (Participating Municipalities Only)

**Figure 260
(Sheet 2 of 3)
Chillicothe Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Target FEMA’s Repetitive Loss Properties for educational outreach.*	F	PI	Reduces	Small	2, 6	n/a	Yes	City Council	Ongoing	To Be Determined	Low/Medium	Existing (2010)
LM	Develop educational materials that can be used to inform residents about the benefits of the National Flood Insurance Program and how it is administered locally.*	F	PI	Reduces	Small	1, 2	Yes	Yes	City Council	Ongoing	City	Low/Medium	Existing (2010)
LM	Locate and label all public hydrants in the City to assist in street identification in the event of widespread natural hazard damage.	DF, EQ, F, SS, T	MP	Reduces	Large	2, 4	n/a	n/a	City Council	Ongoing	City	Low/Medium	Existing (2010)
LM	Develop “hazard information centers” in public libraries and on the City’s website to inform residents of the risks to life and property associated with natural hazards and the proactive actions they can take to reduce or eliminate their risk	DF, DR, EH, EQ, F, SS, SWS, T	PI	Reduces	Large	1, 2	Yes	Yes	City Council	Ongoing	City	Low/High	Existing (2010)

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EQ Earthquake SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	F Flood L Landslide T Tornado	

Peoria County (Participating Municipalities Only)

**Figure 260
(Sheet 3 of 3)
Chillicothe Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Evaluate critical facilities and shelters to determine their resistance to natural hazards and recommend ways to strengthen or harden these facilities.	DF, EH, EQ, F, SS, SWS, T	S	Reduces	Small	2, 3, 5	n/a	Yes	City Council	To Be Determined	City	Low/Medium	Existing (2010)
LM	Establish digital coordinates for all critical facilities/infrastructure for use in GIS mapping applications. This information can be used to determine which critical facilities/infrastructure have the potential to be threatened by natural hazard events.	DF, EQ, F, SS, SWS, T	MP	Reduces	Large	2, 3, 5	n/a	Yes	City Council	Ongoing	City	Low/Medium	Existing (2010)

Acronyms

Priority	
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards
HL	Mitigation action with the potential to reduce impacts from the most significant hazards
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards
LL	Mitigation action with the potential to reduce impacts from the less significant hazards

Hazard(s) to be Mitigated:			
DF	Dam Failure	MS	Mine Subsidence
DR	Drought	SS	Severe Storms (Thunderstorms, Hail, Lightning)
EH	Excessive Heat		
EQ	Earthquake	SWS	Severe Winter Storms & Excessive Cold
F	Flood		
L	Landslide	T	Tornado

Type of Mitigation Activity:			
RA	Regulatory Activities	S	Studies
SP	Structural Projects	MP	Miscellaneous Projects
PI	Public Involvement	PP	Property Protection

Peoria County (Participating Municipalities Only)

**Figure 261
(Sheet 1 of 3)
Hanna City Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Construct a new water tower to increase the amount of water available in reserve, improve resiliency to drought and to aid in fire suppression as necessary during natural hazard events.	DR, EQ, F, SS, SWS, T	SP	Reduces	Large	2, 3, 5	Yes	Yes	Village Board	5 years	To Be Determined	High/High	New
LM	Purchase a stand-alone server with software to back up the Village's computer files.	EH, EQ, F, SS, SWS, T	MP	Eliminates	Large	3, 5, 8	n/a	n/a	Village Board	2 years	To Be Determined	Low/Medium	New
HM	Design and construct a community safe room (tornado shelter) equipped with emergency backup generator and HVAC units that can also serve as an emergency shelter/warming and cooling center for Village residents.	EH, F, SS, SWS, T	SP	Reduces	Large	2	Yes	n/a	Village Board	4 years	75% Federal 25% Local (FEMA)	High/High	New
LM	Identify residents with access and functional needs and create a volunteer network to assist these residents during a natural hazard event.	DF, EH, EQ, F, SS, SWS, T	PI	Reduces	Small	1, 2	n/a	n/a	Village Board	1 year	Village	Low/High	New
HM	Install curb and gutter at various locations within the Village to help direct the flow of stormwater runoff to drainage structures in an effort to alleviate drainage/flooding problems.	F, SS, SWS	SP	Reduces	Medium	2, 3, 5	Yes	Yes	Village Board	3 years	To Be Determined	Medium/Medium	New

Acronyms

<u>Priority</u>		<u>Hazard(s) to be Mitigated:</u>		<u>Type of Mitigation Activity:</u>
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado	S Studies
		F Flood		MP Miscellaneous Projects
		L Landslide		PP Property Protection

Peoria County (Participating Municipalities Only)

**Figure 261
(Sheet 2 of 3)
Hanna City Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Conduct a sewer line reconnaissance study to identify locations where storm water infiltrates the lines.	F, SS, SWS	S	Reduces	Medium	2, 3, 5	Yes	Yes	Village Board	3 years	To Be Determined	Medium/High	New
HM	Repair/reline sewer line sections where storm water infiltration is occurring to prevent sewage backups.	F, SS, SWS	SP	Eliminates	Medium	2, 3, 5	Yes	Yes	Village Board	5 years	75% Federal 25% Local (IEPA)	High/High	New
LM	Improve coordination between the village, township and County in an effort to help implement hazard mitigation projects and cleanup activities aimed at reducing or eliminating the risk associated with natural hazard events.	DF, DR, EH, EQ, F, SS, SWS, T	PI	Reduces	Large	2, 3, 5	Yes	Yes	Village Board	1 year	Village	Low/High	New
LM	Install/upsized new water mains and fire hydrants at various locations within the Village to ensure a constant supply of water for residents and aid in fire suppression during natural hazard events.	DR, EH, EQ, F, SS, SWS, T	SP	Reduces	Large	2, 3, 5	Yes	Yes	Village Board	5 years	To Be Determined	High/Medium	New
HM	Purchase and install sewer valves at wastewater treatment plant to isolate system operations and protect plant functions during heavy rain events.	F, SS	SP	Reduces	Large	2, 3, 5	n/a	Yes	Village Board	3 years	To Be Determined	Low/High	New

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	F Flood L Landslide T Tornado	

Peoria County (Participating Municipalities Only)

**Figure 261
(Sheet 3 of 3)
Hanna City Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Locate and label all public hydrants in the Village to assist in street identification in the event of widespread natural hazard damage.	EQ, F, SS, T	MP	Reduces	Large	2, 4	n/a	n/a	Village Board	5 years	Village	Low/Medium	New
LM	Establish digital coordinates for all critical facilities/infrastructure for use in GIS mapping applications. This information can be used to determine which critical facilities/infrastructure have the potential to be threatened by natural hazard events.	DF, EQ, F, SS, SWS, T	MP	Reduces	Large	2, 3, 5	n/a	Yes	Village Board	2 years	Village	Low/Medium	New

Acronyms

Priority	
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards
HL	Mitigation action with the potential to reduce impacts from the most significant hazards
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards
LL	Mitigation action with the potential to reduce impacts from the less significant hazards

Hazard(s) to be Mitigated:			
DF	Dam Failure	MS	Mine Subsidence
DR	Drought	SS	Severe Storms (Thunderstorms, Hail, Lightning)
EH	Excessive Heat		
EQ	Earthquake	SWS	Severe Winter Storms & Excessive Cold
F	Flood		
L	Landslide	T	Tornado

Type of Mitigation Activity:			
RA	Regulatory Activities	S	Studies
SP	Structural Projects	MP	Miscellaneous Projects
PI	Public Involvement	PP	Property Protection

Peoria County (Participating Municipalities Only)

**Figure 262
(Sheet 1 of 3)
Peoria Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
HM	Purchase and install automatic emergency backup generators at all Fire Stations not currently equipped with one to provide uninterrupted power and maintain operations and communication capabilities during a power outage. All fire stations in the City serve as warming/cooling centers for city residents.	EH, EQ, F, SS, SWS, T	MP	Eliminates	Medium	2, 3, 5	n/a	Yes	Fire Department	5 years	To Be Determined	Medium/High	New
LM	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	Ongoing	City	Low/High	New
LM	Make city officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	Ongoing	City	Low/High	New
LM	Review and present for adoption the updated Flood Insurance Rate Maps when they become available.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	To Be Determined	City	Low/Medium	Existing (2010)
LM	Present for adoption an updated floodplain ordinance.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	To Be Determined	City	Low/Medium	Existing (2010)

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

Priority	Hazard(s) to be Mitigated:	Type of Mitigation Activity:
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake F Flood L Landslide T Tornado	

Peoria County (Participating Municipalities Only)

**Figure 262
(Sheet 2 of 3)
Peoria Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Evaluate the feasibility of participating in the National Flood Insurance Program's voluntary Community Rating System.*	F	PP	Reduces	Small	1, 2, 3, 4, 5, 6, 7	Yes	Yes	City Council	To Be Determined	City	Low/High	Existing (2010)
HM	Purchase and distribute NOAA weather radios to vulnerable residents.	DF, EH, EQ, F, SS, SWS, T	MP	Reduces	Large	2	n/a	n/a	Fire Department	Ongoing	To Be Determined	Low/High	Existing (2010)
LM	Locate and label all public hydrants in the City to assist in street identification in the event of widespread natural hazard damage.	DF, EQ, F, SS, T	MP	Reduces	Large	2, 4	n/a	n/a	City Council	Ongoing	City	Low/Medium	Existing (2010)
LM	Develop "hazard information centers" in public libraries and on the City's website to inform residents of the risks to life and property associated with natural hazards and the proactive actions they can take to reduce or eliminate their risk	DF, DR, EH, EQ, F, SS, SWS, T	PI	Reduces	Large	1, 2	Yes	Yes	City Council	Ongoing	City	Low/High	Existing (2010)

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

Priority	<hr/>	Hazard(s) to be Mitigated:	<hr/>	Type of Mitigation Activity:	<hr/>
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure	MS Mine Subsidence	RA Regulatory Activities	S Studies
HL	Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought	SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects	MP Miscellaneous Projects
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat	SWS Severe Winter Storms & Excessive Cold	PI Public Involvement	PP Property Protection
LL	Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake	T Tornado		
		F Flood			
		L Landslide			

Peoria County (Participating Municipalities Only)

**Figure 262
(Sheet 3 of 3)
Peoria Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Evaluate critical facilities and shelters to determine their resistance to natural hazards and recommend ways to strengthen or harden these facilities.	DF, EH, EQ, F, SS, SWS, T	S	Reduces	Small	2, 3, 5	n/a	Yes	City Council	To Be Determined	City	Low/Medium	Existing (2010)
LM	Establish digital coordinates for all critical facilities/infrastructure for use in GIS mapping applications. This information can be used to determine which critical facilities/infrastructure have the potential to be threatened by natural hazard events.	DF, EQ, F, SS, SWS, T	MP	Reduces	Large	2, 3, 5	n/a	Yes	City Council	Ongoing	City	Low/Medium	Existing (2010)

Acronyms

Priority	
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards
HL	Mitigation action with the potential to reduce impacts from the most significant hazards
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards
LL	Mitigation action with the potential to reduce impacts from the less significant hazards

Hazard(s) to be Mitigated:			
DF	Dam Failure	MS	Mine Subsidence
DR	Drought	SS	Severe Storms (Thunderstorms, Hail, Lightning)
EH	Excessive Heat		
EQ	Earthquake	SWS	Severe Winter Storms & Excessive Cold
F	Flood		
L	Landslide	T	Tornado

Type of Mitigation Activity:			
RA	Regulatory Activities	S	Studies
SP	Structural Projects	MP	Miscellaneous Projects
PI	Public Involvement	PP	Property Protection

Peoria County (Participating Municipalities Only)

**Figure 263
(Sheet 1 of 3)
Peoria Heights Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Make the most recent Flood Insurance Rate Maps available to assist the public in considering where to construct new buildings.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	Ongoing	City	Low/High	New
LM	Make city officials aware of the most recent Flood Insurance Rate Maps and issues related to construction in a floodplain.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	Ongoing	City	Low/High	New
LM	Review and present for adoption the updated Flood Insurance Rate Maps when they become available.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	To Be Determined	City	Low/Medium	Existing (2010)
LM	Present for adoption an updated floodplain ordinance.*	F	RA	Reduces	Small	1, 2, 6, 7	Yes	Yes	City Council	To Be Determined	City	Low/Medium	Existing (2010)
LM	Evaluate the feasibility of participating in the National Flood Insurance Program's voluntary Community Rating System.*	F	PP	Reduces	Small	1, 2, 3, 4, 5, 6, 7	Yes	Yes	City Council	To Be Determined	City	Low/High	Existing (2010)
HM	Target FEMA's Repetitive Loss Properties for potential mitigation projects.*	F	PP	Reduces	Small	2, 6	n/a	Yes	City Council	Ongoing	75% Federal 25% Local (FEMA)	Medium/High	Existing (2010)

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<u>Priority</u>	<u>Hazard(s) to be Mitigated:</u>	<u>Type of Mitigation Activity:</u>
HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards	DF Dam Failure MS Mine Subsidence	RA Regulatory Activities S Studies
HL Mitigation action with the potential to reduce impacts from the most significant hazards	DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)	SP Structural Projects MP Miscellaneous Projects
LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards	EH Excessive Heat SWS Severe Winter Storms & Excessive Cold	PI Public Involvement PP Property Protection
LL Mitigation action with the potential to reduce impacts from the less significant hazards	EQ Earthquake L Landslide T Tornado	

Peoria County (Participating Municipalities Only)

**Figure 263
(Sheet 2 of 3)
Peoria Heights Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Target FEMA’s Repetitive Loss Properties for educational outreach.*	F	PI	Reduces	Small	2, 6	n/a	Yes	City Council	Ongoing	To Be Determined	Low/Medium	Existing (2010)
LM	Develop educational materials that can be used to inform residents about the benefits of the National Flood Insurance Program and how it is administered locally.*	F	PI	Reduces	Small	1, 2	Yes	Yes	City Council	Ongoing	City	Low/Medium	Existing (2010)
LM	Locate and label all public hydrants in the City to assist in street identification in the event of widespread natural hazard damage.	DF, EQ, F, SS, T	MP	Reduces	Large	2, 4	n/a	n/a	City Council	Ongoing	City	Low/Medium	Existing (2010)
LM	Develop “hazard information centers” in public libraries and on the City’s website to inform residents of the risks to life and property associated with natural hazards and the proactive actions they can take to reduce or eliminate their risk	DF, DR, EH, EQ, F, SS, SWS, T	PI	Reduces	Large	1, 2	Yes	Yes	City Council	Ongoing	City	Low/High	Existing (2010)

* Mitigation action to ensure continued compliance with NFIP.

Acronyms

<p>Priority</p> <p>HM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards</p> <p>HL Mitigation action with the potential to reduce impacts from the most significant hazards</p> <p>LM Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards</p> <p>LL Mitigation action with the potential to reduce impacts from the less significant hazards</p>	<p>Hazard(s) to be Mitigated:</p> <p>DF Dam Failure MS Mine Subsidence</p> <p>DR Drought SS Severe Storms (Thunderstorms, Hail, Lightning)</p> <p>EH Excessive Heat</p> <p>EQ Earthquake SWS Severe Winter Storms & Excessive Cold</p> <p>F Flood</p> <p>L Landslide T Tornado</p>	<p>Type of Mitigation Activity:</p> <p>RA Regulatory Activities S Studies</p> <p>SP Structural Projects MP Miscellaneous Projects</p> <p>PI Public Involvement PP Property Protection</p>
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Peoria County (Participating Municipalities Only)

**Figure 263
(Sheet 3 of 3)
Peoria Heights Hazard Mitigation Actions**

Priority	Activity/Project Description	Hazard(s) to be Mitigated	Type of Mitigation Activity	Degree of Mitigation	Size of Population Affected	Goal(s) Met	Reduce Effects of Hazard(s) on Buildings & Infrastructure		Organization / Department Responsible for Implementation & Administration	Time Frame to Complete Activity	Funding Source(s)	Cost/Benefit Analysis	Status
							New	Existing					
LM	Evaluate critical facilities and shelters to determine their resistance to natural hazards and recommend ways to strengthen or harden these facilities.	DF, EH, EQ, F, SS, SWS, T	S	Reduces	Small	2, 3, 5	n/a	Yes	City Council	To Be Determined	City	Low/Medium	Existing (2010)
LM	Establish digital coordinates for all critical facilities/infrastructure for use in GIS mapping applications. This information can be used to determine which critical facilities/infrastructure have the potential to be threatened by natural hazard events.	DF, EQ, F, SS, SWS, T	MP	Reduces	Large	2, 3, 5	n/a	Yes	City Council	Ongoing	City	Low/Medium	Existing (2010)

Acronyms

Priority	
HM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the most significant hazards
HL	Mitigation action with the potential to reduce impacts from the most significant hazards
LM	Mitigation action with the potential to virtually eliminate or significantly reduce impacts from the less significant hazards
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Hazard(s) to be Mitigated:			
DF	Dam Failure	MS	Mine Subsidence
DR	Drought	SS	Severe Storms (Thunderstorms, Hail, Lightning)
EH	Excessive Heat	SWS	Severe Winter Storms & Excessive Cold
EQ	Earthquake		
F	Flood		
L	Landslide	T	Tornado

Type of Mitigation Activity:			
RA	Regulatory Activities	S	Studies
SP	Structural Projects	MP	Miscellaneous Projects
PI	Public Involvement	PP	Property Protection