

4 MITIGATION STRATEGY

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44 CFR Requirement §201.6(c)(3): The plan shall include a mitigation strategy that provides the jurisdiction’s blueprint for reducing the potential losses identified in the risk assessment, based on existing authorities, policies, programs and resources, and its ability to expand on and improve these existing tools.

This section presents the mitigation strategy developed by the Mitigation Planning Committee (MPC). The mitigation strategy was developed through a collaborative group process. The process included review of general goal statements to guide the jurisdictions in lessening disaster impacts as well as specific mitigation actions to directly reduce vulnerability to hazards and losses. The following definitions are taken from FEMA’s *Local Hazard Mitigation Review Guide (October 1, 2012)*.

- **Mitigation Goals** are general guidelines that explain what you want to achieve. Goals are long-term policy statements and global visions that support the mitigation strategy. The goals address the risk of hazards identified in the plan.
- **Mitigation Actions** are specific actions, projects, activities, or processes taken to reduce or eliminate long-term risk to people and property from hazards and their impacts. Implementing mitigation actions helps achieve the plan’s mission and goals.

4.1 Goals

44 CFR Requirement §201.6(c)(3)(i): [The hazard mitigation strategy shall include a] description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.

This planning effort is an update to Pulaski County’s existing hazard mitigation plan originally approved by FEMA in August 2006 and updated and approved by FEMA on April 1, 2016. Therefore, the goals from the updated 2016 Pulaski County Hazard Mitigation Plan were reviewed to see if they were still valid, feasible, practical, and applicable to the defined hazard impacts. The MPC conducted a discussion session during their first meeting to review and update the plan goals. To ensure that the goals developed for this update were comprehensive and supported State goals, the 2018 State Hazard Mitigation Plan goals were reviewed. As the existing goals were broad, still applicable, and supported the 2018 State Hazard Mitigation Plan goals, the MPC saw no reason to make any changes. The Pulaski County goals are as follows:

Goal 1: Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning and hazard mitigation activities.

Goal 2: Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.

Goal 3: Promote education, outreach, research and development programs to improve the

knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities.

Goal 4: Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.

Goal 5: Establish priorities for reducing risks to the people and their property with emphasis on long-term and maximum benefits to the public rather than short-term benefit of special interests.

Goal 6: Secure resources for investment in hazard mitigation.

4.2 Identification and Analysis of Mitigation Actions

44 CFR Requirement §201.6(c)(3)(ii): The mitigation strategy shall include a section that identifies and analyzes a comprehensive range of specific mitigation actions and projects being considered to reduce the effects of each hazard, with particular emphasis on new and existing buildings and infrastructure.

During the first MPC meeting, the committee discussed the planning tasks, participation requirements, how to get public input, the data collection questionnaires and discussed the applicable hazards and what needed to be updated in the risk assessment. Changes in risk since adoption of the previously approved plan were discussed. Since the last update, there has been death due to natural hazard events. Action items from the 2016 plan were distributed to the group for review. Discussions from the actions from the previous plan included completed actions, ongoing actions, and actions upon which progress had not been made. The MPC discussed SEMA's identified funding priorities and the types of mitigation actions generally recognized by FEMA.

The focus of Meeting #2 was to review, prioritize and update the mitigation strategy. The MPC reviewed the list of actions proposed in the previous mitigation plan. The group decided which action items had been completed, which needed to be dropped due to lower priority, which were repetitive or could be combined with other similar action items and proposed additional mitigation actions. Facilitators also provided suggestions for actions based on what some of the surrounding counties had included in their plans. Participants were also encouraged to refer to the current State Plan and provided a link to the FEMA's publication, *Mitigation Ideas: A Resource for Reducing Risk to Natural Hazards (January 2013)*. This document was developed by FEMA as a resource for identification of a range of potential mitigation actions for reducing risk to natural hazards and disasters.

During the review of the plan document, MPC members were encouraged to review the details of the risk assessment vulnerability analysis specific to their jurisdiction.

The MPC reviewed the actions from the previously approved plan for progress made since the plan had been adopted. Copies of the list of actions for each jurisdiction were provided to MPC members at planning meetings and were emailed out to all members. Action items were reviewed and the MPC provided updates on the status of action items during the first two planning meetings. Each action item was reviewed and assigned one of the following:

- Completed, with a description of the progress,
- Not Started/Continue in Plan Update, with a discussion of the reasons for lack of progress,
- In Progress/Continue in Plan Update, with a description of the progress made to date or
- Deleted, with a discussion of the reasons for deletion.

Based on the status updates, there were 13 completed actions; two actions were deleted because they scored as low priorities; three actions were duplicates and were removed; 15 actions that were combined with other, similar actions; and 29 continuing actions.

Table 4.1 provides a summary of the completed and deleted actions from the previous plan.

Table 4.1. Summary of Completed and Deleted Actions from the Previous Plan

Completed Actions	Completion Details (date, amount, funding source)
1.1.5 Educate school staff on natural hazards and make sure all staff are familiar with school emergency plan including evacuation and safety procedures.	The school districts have implemented this action item into their standard policies and procedures.
1.1.2 Continue to educate residents about precautions that should be taken during threats of natural disasters such as heat waves and severe weather.	Combined with 1.1.1.
1.1.3 Provide information to citizens on individual mitigation activities such as building personal shelters and assuring that propane tanks are appropriately tied down.	Combined with 1.1.1.
1.1.4 Promote development of emergency plans by businesses and public entities.	Combined with 2.1.3.
1.1.6 Schools need to continue to conduct emergency preparedness exercises on a regular basis.	The school districts have implemented this action item into their standard policies and procedures. School districts currently operate with a regular schedule of fire, tornado and earthquake drills.
1.1.7 Regularly review and update school emergency plans.	The school districts have implemented this action item and are required by the Department of Elementary and Secondary Education (DESE) to review and update school emergency plans on a regular basis.
1.2.3 Continue to partner with local radio stations to ensure that appropriate warning of impending disasters is provided to all residents.	Local jurisdictions have implemented this action item into standard policies and procedures and applicable plans.
1.3.2 Continue to encourage tree trimming and dead tree removal programs by utility companies and local government.	The cities, county and local electric cooperatives all have tree trimming programs in place.
2.1.1 Continue to encourage a self-inspection program at critical facilities to assure that building infrastructure is earthquake and tornado resistant.	The planning committee re-evaluated this priority. It received a low rating and was removed from the list.
2.1.3 Continue to encourage businesses and public entities to develop and implement emergency plans.	Combined with 1.1.4.

Completed Actions	Completion Details (date, amount, funding source)
2.1.4 Encourage the installation of backup generators for critical infrastructure such as water systems and emergency services.	Combined with 1.2.5
2.3.2 Monitor developments in data availability concerning the impact of dam failure, tornados, sinkholes, land subsidence and wildfire upon Pulaski County all jurisdictions through local, state and federal agencies for use in hazard mitigation planning.	Duplicate of 1.2.7.
2.3.3 Encourage the Mark Twain National Forest to levy stricter fines for persons causing fire hazards.	The planning committee re-evaluated this priority. It received a low rating and was removed from the list.
3.1.1 Distribute SEMA brochures on natural disasters, preparedness and NFIP at public facilities and events.	The action item has been implemented. Information is distributed routinely by local jurisdictions, local emergency response agencies and the Health Department at public facilities and events.
3.1.2 Distribute regular press releases from county and city EMD offices concerning hazards, where they strike, frequency, preparedness and how to mitigate.	This action item has been implemented. Press releases are distributed routinely by city and county EMD offices concerning hazards and how to mitigate and stay safe.
3.2.1 Encourage local residents to purchase weather radios through press releases and brochures.	Combined with 1.2.2.
3.2.2 Encourage meetings of EMD, city/county officials and SEMA to familiarize officials with mitigation planning, implementation and budgeting for mitigation projects.	This has been completed through presentations at MRPC meetings and SEMA area coordinator meetings.
3.3.2 Distribute press releases by jurisdiction regarding adopted mitigation measures to keep public abreast of changes and/or new regulations.	This action item has been implemented. Jurisdictions routinely share information on mitigation activities with local media.
3.4.1 Encourage county health department and local Red Cross Chapter to use publicity campaigns that make residents aware of proper measure to take during times of threatening conditions (e.g. drought, heat wave).	Combined with 1.1.1.
3.4.2 Publicize county or citywide drills.	This action item has been implemented. Jurisdictions routinely share information on drills and exercises with local media and emergency response agencies.
4.1.4 Maintain updated mutual aid agreements between emergency response agencies inside and outside the region.	This action item has been implemented. Local emergency response agencies have mutual aid agreements with other emergency response agencies. The county and cities have mutual aid agreements in place both within and outside the county for assistance during disasters. Region I has mutual aid agreements in place for fire departments.
4.2.1 Re-evaluate the hazard mitigation plan, merge with other community planning and coordinate and integrate hazard mitigation activities, where appropriate with emergency operations plans and procedures.	Duplicate of 3.3.1.

Completed Actions	Completion Details (date, amount, funding source)
4.2.2 Encourage meetings between EMD, city/county and SEMA to familiarize officials with mitigation planning and implementation and budgeting for mitigation projects.	Combined with 3.2.2. This has been completed through presentations at MRPC meetings and SEMA area coordinator meetings.
5.1.1 Incorporate hazard mitigation into the long-range planning and development activities of the county and each jurisdiction.	Combined with 3.3.1.
5.1.2 Encourage communities to budget for enhanced warning systems.	Combined with 1.2.1.
5.1.4 Coordinate and integrate hazard mitigation activities, where appropriate, with emergency operations plans and procedures.	This action item has been implemented. Local emergency response agencies believe that hazard mitigation activities, as much as is appropriate, have been integrated into emergency operation plans and procedures.
5.1.5 Encourage cities to require contractor storm water management plans in all new development – both residential and commercial properties.	Combined with 2.2.2
5.2.1 Encourage the construction of storm shelters, especially tornado safe rooms near schools and large employment centers that currently do not have access to safe rooms.	Duplicate of 1.3.5.
5.2.2 Encourage the designation of public buildings as safe shelters and develop accessibility plans for the public during times of need.	Combined with 1.3.4.
5.3.2 Encourage communities to discuss zoning repetitive loss properties in the floodplain as open space.	Combined with 5.3.1.
6.1.1 Work with SEMA Region I coordinator to learn about new mitigation funding opportunities.	Combined with 3.2.2 and marked as complete.
6.2.2 Implement public awareness program about the benefits of hazard mitigation projects, both public and private through press releases and brochures.	Combined with 1.1.1.
6.3.1 Prioritize hazard mitigation projects, based on cost-effectiveness and starting with those sites facing the greatest threat to life, health and property.	This action item has been implemented through the development, review and updating of the county hazard mitigation plan.

Source: Previously approved County Hazard Mitigation Plan; MPC committee; data collection questionnaires

4.3 Implementation of Mitigation Actions

44 CFR Requirement §201.6(c)(3)(ii): The mitigation strategy shall include an action strategy describing how the actions identified in paragraph (c)(2)(ii) will be prioritized, implemented, and administered by the local jurisdiction. Prioritization shall include a special emphasis on the extent to which benefits are maximized according to a cost benefits review of the proposed projects and their associated costs.

Jurisdictional MPC members were encouraged to meet with others in their community to discuss the actions to be included in the updated mitigation strategy. Throughout the MPC consideration and discussion, emphasis was placed on the importance of a benefit-cost analysis in determining project priority. The Disaster Mitigation Act requires benefit-cost review as the primary method by which mitigation projects should be prioritized. The MPC decided to pursue implementation according to when and where damage occurs, available funding, political will, jurisdictional priority, and priorities identified in the Missouri State Hazard Mitigation Plan. The benefit/cost review at the planning stage primarily consisted of a qualitative analysis, and was not the detailed process required grant funding application. For each action, the plan sets forth a narrative describing the types of benefits that could be realized from action implementation. The cost was estimated as closely as possible, with further refinement to be supplied as project development occurs.

FEMA's STAPLEE methodology was used to assess the costs and benefits, overall feasibility of mitigation actions, and other issues impacting project. During the prioritization process, the MPC worked together to review and assign scores. The process posed questions based on the STAPLEE elements as well as the potential mitigation effectiveness of each action. Scores were based on the responses to the questions as follows:

Definitely yes = 3 points
Maybe yes = 2 points
Probably no = 1
Definitely no = 0

The following questions were asked for each proposed action.

S: Is the action socially acceptable?
T: Is the action technically feasible and potentially successful?
A: Does the jurisdiction have the administrative capability to successfully implement this action?
P: Is the action politically acceptable?
L: Does the jurisdiction have the legal authority to implement the action?
E: Is the action economically beneficial?
E: Will the project have an environmental impact that is either beneficial or neutral? (score "3" if positive and "2" if neutral)

Will the implemented action result in lives saved?
Will the implanted action result in a reduction of disaster damage?

In addition to the STAPLEE process, each action item was also reviewed for Benefit/Cost. These two aspects of the prioritization process were scored as follows:

Benefit – two (2) points were added for each of the following avoided damages (8 points maximum = highest benefit)

- Injuries and/or casualties
- Property damages

- Loss-of-function/displacement impacts
- Emergency management costs/community costs

Cost – points were subtracted according to the following cost scale (-5 points maximum = highest cost)

- (-1) = Minimal – little cost to the jurisdiction involved
- (-3) = Moderate – definite cost involved but could likely be worked into operating budget
- (-5) = Significant – cost above and beyond most operating budgets; would require extra appropriations to finance or to meet matching funds for a grant

Note: For the Benefit/Cost Review, the benefit and cost of actions which used the word “encourage” were evaluated as if the action or strategy being encouraged was actually to be carried out.

In addition, the group considered the cost of mitigation versus the long-term savings in relation to potential lives saved and property damage avoided.

Total Score – The scores for the STAPLEE Review and Benefit/Cost Review were added to determine a Total Score for each action.

Priority Scale – To achieve an understanding of how a Total Score might be translated into a Priority Rating, a sample matrix was filled out for the possible range of ratings an action might receive on both the STAPLEE and Benefit/Cost Review. The possible ratings tested ranged between:

- A hypothetical action with “Half probably NO and half maybe YES” answers on STAPLEE (i.e. poor STAPLEE score) and Low Benefit/High Cost: Total Score = 7
- A hypothetical action with “All definitely YES” on STAPLEE and High Benefit/Little Cost: Total Score = 28

An inspection of the possible scores within this range led to the development of the following Priority Scale based on the Total Score in the STAPLEE- Benefit/Cost Review process:

20 – 28 points = High Priority
 14-19 points = Medium Priority
 13 points and below = Low Priority

The results of the STAPLEE process and Benefit/Cost analysis were then mailed out to all MPC members for feedback and consensus.

The final scores are listed below in the analysis of each action. Correspondence regarding the STAPLEE process is included in Appendix C: A spreadsheet with the action items and final scores is illustrated in Figure 4.1.

Jurisdictional Floodplain Management Programs

Pulaski County and the cities of Richland, St. Robert and Waynesville are members of the NFIP and regulate development in the floodplain by reviewing permit applications for all development including new and existing structures. Elevation certificates are required for all new construction, and existing structures with 50% or more damage following a flood are required to elevate. Floodplain maps are available in hard copy at the city hall and the county’s flood maps can be obtained from the floodplain manager. Furthermore floodplain maps can be found online through FEMA’s website <https://msc.fema.gov/portal>. The cities of Crocker and Dixon do not currently

participate in the NFIP nor monitor activities within the floodplain.

Table 4.1. Jurisdictional Floodplain Ordinance Adoption Date

Community Name	Ordinance Adoption Date
Pulaski County	04/17/85
Richland	09/10/84
St. Robert	11/30/04
Waynesville	10/06/76

Source: FEMA's Community Status Book Report¹; NSFHA (SEMA)

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¹ www.fema.gov/cis/mo.html

Figure 4.4 Prioritization of Mitigation Actions		3 = Def YES 1 = Prob NO 2 = Maybe YES 0 = Def NO													
Action No.	Mitigation Actions	S	T	A	P	L	E	E	STAPLEE Total	Losses Avoided (2 pts. Each)	Benefit	Cost	B/C Total	Total	Priority
1.1.1	Implement an education program on personal emergency preparedness that teaches residents how to prepare emergency survival kits with water, blankets, flashlights, etc. and how to shut off their home utilities during emergencies; provides them with information on precautions to be taken during threats of natural disasters such as heat waves; and provide information on personal mitigation actions such as building tornado shelters and securing propane tanks. Implement public awareness program about the benefits of hazard mitigation projects, both public and private through press releases and brochures.	3	3	3	3	3	2	3	20	IC, PD, LF, EMCC	8	-1	7	27	H
1.1.8	Encourage the designation of storm shelters and the construction of tornado safe rooms in every school that does not have one.	3	3	3	3	3	2	3	20	IC, EMCC	4	-3	1	21	H
1.2.1	Continue to encourage local governments to budget for and obtain enhanced early warning systems and improved communications systems.	3	3	2	3	3	1	3	18	IC, PD, LF, EMCC	8	-3	5	23	H
1.2.2	Continue to promote use of weather radios by local residents and schools through press releases and brochures to insure advanced warning about threatening weather.	3	3	3	3	3	3	3	21	IC, EMCC	4	-1	3	24	H
1.2.4	Promote the installation of fire alarms/security systems in public buildings.	3	3	2	2	3	2	3	18	IC, PD, LF, EMCC	8	-3	5	23	H
1.2.5	Acquire backup generators to safeguard the availability of critical services such as electricity, water and emergency services.	3	3	3	3	3	2	3	20	LF, EMCC	4	-1	3	23	H
1.2.6	Conduct a study of the Texas Road area to find mitigation solutions for flash flooding that has resulted in water rescues, damaged utilities and homes.	3	3	2	3	3	1	3	18	IC, PD, LF, EMCC	8	-5	3	21	H
1.2.7	Monitor developments in data availability concerning the impact of disasters such as dam failure, tornados, sinkholes, land subsidence and wildfire upon Pulaski County and all jurisdictions through local, state and federal agencies for use in hazard mitigation planning.	3	3	3	3	3	3	3	21	IC, PD, LF, EMCC	8	-1	7	28	H
1.3.1	Place water height gauges and signs near low water crossings	3	3	2	3	3	2	3	19	IC	2	-1	1	20	H

Action No.	Mitigation Actions	S	T	A	P	L	E	E	STAPLEE Total	Losses Avoided (2 pts. Each)	Benefit	Cost	B/C Total	Total	Priority
1.3.3	Continue to examine road and bridge upgrades to improve drainage and reduce flooding and the risk to residents and property.	3	3	2	3	3	2	2	18	IC, PD, LF, EMCC	8	-1	7	25	H
1.3.4	Establish designated shelters for residents to be used during tornado threats, as cooling centers during extreme heat or power outages and/or as shelters during other disasters. Encourage the designation of public buildings as safe shelters and develop accessibility plans for the public.	3	3	3	3	3	3	3	21	IC, LF, EMCC	6	-1	5	26	H
1.3.5	Continue to work to increase availability (if necessary construction) of storm shelters for individual families and large groups, including near large employment centers and schools that currently do not have access to tornado safe rooms.	3	3	3	3	3	2	3	20	IC, EMCC	4	-3	1	21	H
1.3.6	Encourage establishing road signage that directs people on I-44 to local storm shelters during storm warnings.	3	3	2	3	3	3	3	20	IC, PD, EMCC	6	-1	5	25	H
2.1.2	Encourage the adoption of minimum standard building codes by all communities.	2	2	2	1	3	2	3	15	IC, PD, LF, EMCC	8	-3	5	20	H
2.1.3	Continue to encourage businesses and public entities to develop and implement emergency plans.	3	3	3	3	3	3	3	21	IC, PD, LF, EMCC	8	-3	5	26	H
2.2.1	Educate residents, realtors and contractors about the dangers of floodplain development and the benefits of the NFIP.	3	3	2	3	3	3	3	20	IC, PD, LF, EMCC	8	-1	7	27	M
2.2.2	Encourage development of storm water management plans in those jurisdictions that do not currently have them and in all new residential and commercial development.	3	2	2	2	3	2	3	18	IC, PD, LF, EMCC	8	-3	5	23	H
2.2.3	Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements in all existing and new development.	2	3	3	2	3	2	3	18	IC, PD, LF, EMCC	8	-3	5	23	H
2.3.1	Encourage local governments to develop and implement regulations for securing hazardous materials tanks and mobile homes to reduce hazards during storms and flooding.	2	2	2	2	3	3	3	17	IC, PD, LF, EMCC	8	-3	5	22	H
3.3.1	Re-evaluate the hazard mitigation plan, merge with other community planning and coordinate and integrate hazard mitigation activities, where appropriate, with emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.	3	2	2	2	3	1	3	16	IC, PD, LF, EMCC	8	-3	5	21	H

Action No.	Mitigation Actions	S	T	A	P	L	E	E	STAPLEE Total	Loss Avoided (2 pts. Each)	Benefit	Cost	B/C Total	Total	Priority
3.4.3	Encourage the development of a county-wide CERT, COAD, and/or VOAD program and educate the public on how they can benefit from these types of programs.	3	3	3	3	3	3	3	21	IC, PD, LF, EMCC	8	-1	7	28	H
4.1.1	Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.	3	3	3	3	3	2	3	20	IC, PD, LF, EMCC	8	-1	7	27	H
4.1.2	Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).	3	2	2	3	3	2	3	18	IC, PD, LF, EMCC	8	-1	7	25	H
4.1.3	Pool different agency resources to achieve widespread mitigation planning results.	3	2	2	2	3	2	3	17	IC, PD, LF, EMCC	8	-1	7	24	H
5.3.1	Purchase properties in the floodplain as funds become available to convert that land into public space/recreation area and encourage communities to zone repetitive loss properties in the floodplain as open space.	2	3	3	2	3	2	3	18	IC, PD, LF, EMCC	8	-3	5	23	H
6.1.2	Structure grant proposals for road/bridge upgrades so that hazard mitigation concerns are also met.	3	2	2	2	3	2	3	17	IC, PD, LF, EMCC	8	-1	7	24	H
6.1.3	Work with state/local/federal agencies to include mitigation in all economic and community development projects.	3	2	2	2	3	2	2	16	IC, PD, LF, EMCC	8	-1	7	23	H
6.1.4	Encourage local jurisdictions to budget for mitigation projects.	3	3	3	3	3	2	3	20	IC, PD, LF, EMCC	8	-5	3	23	H
6.2.1	Encourage cities and counties to implement cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole.	2	1	1	1	2	2	2	11	IC, PD, LF, EMCC	8	-5	3	14	M

Pulaski County

Goal 1: Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.

Action 1.1.1: Implement an education program on personal emergency preparedness that teaches residents how to prepare emergency survival kits with water, blankets, flashlights, etc. and how to shut off their home utilities during emergencies; provides them with information on precautions to be taken during threats of natural disasters such as heat waves; and provide information on personal mitigation actions such as building tornado shelters and securing propane tanks. Implement public awareness program about the benefits of hazard mitigation projects, both public and private through press releases and brochures.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Ongoing need to improve public education and awareness of hazards, personal emergency preparedness and the benefits of hazard mitigation.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.1.1
Name of Action or Project:	Public Education and Awareness Program on hazards, personal emergency preparedness and the benefits of hazard mitigation.
Action or Project Description:	Provide information and education to the general public through brochures, press releases, classes, presentations on personal emergency preparedness and the benefits of hazard mitigation.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$1,500 - \$5,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County EMD, local emergency response agencies
Action/Project Priority:	27 – High Priority
Timeline for Completion:	1 – 5 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Information is distributed through local offices, at local events and through the media by the county EMD, SEMA, health department and emergency response agencies.

Action 1.2.1: Continue to encourage local governments to budget for and obtain enhanced early warning systems and improved communications systems.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with insufficient early warning systems and improved communications systems.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.2.1
Name of Action or Project:	Improving early warning and communications systems.
Action or Project Description:	Continue to encourage local governments to obtain early warning systems and improve communications systems.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown due to variables – \$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County EMD, Pulaski County Commission
Action/Project Priority:	23 –High Priority
Timeline for Completion:	One to 10 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The cities of Waynesville and St. Robert, as well as the military base – Fort Leonard Wood have cellphone alert systems available for residents. The city of Crocker now has a tornado siren. The school districts all have cellphone/text/email alert systems for students and parents.

Action 1.2.2: Continue to promote weather radios to local residents and schools to insure advanced warning about threatening weather.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks and vulnerabilities associated with lack of early warning systems for severe weather in rural areas of the county.
Hazard(s) Addressed:	Tornadoes, severe winter weather, severe thunderstorm/high winds/lightning/hail, extreme temperatures, flooding
Action or Project	
Action/Project Number:	1.2.2
Name of Action or Project:	Improving early warning for severe weather.
Action or Project Description:	The county should continue to encourage residents to invest in weather radios to improve early warning for severe weather for residents in rural areas of Pulaski County.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$1,500 - \$2,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County EMD and local fire departments
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOPs
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Although the county has promoted weather radios in the past, there is currently no coordinated effort to encourage residents to purchase weather radios other than the efforts made by fire departments in the County. All school districts maintain weather radios.

Action 1.2.4: Promote the installation of fire alarms/security systems in public buildings.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with fire and inadequate alarms/security systems in public buildings.
Hazard(s) Addressed:	Wildfire
Action or Project	
Action/Project Number:	1.2.4
Name of Action or Project:	Improving fire alarms and security systems in public buildings.
Action or Project Description:	Promote the installation of fire alarms/security systems in public buildings.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County EMD, County Commission
Action/Project Priority:	23 –High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOPs
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	At least one rural fire department requires fire alarms. As a third class county, Pulaski County does not have the authority to enact building codes.

Action 1.2.5: Acquire backup generators to safeguard the availability of critical services such as electricity, water and emergency services.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with electrical, water and emergency services failure during a disaster.
Hazard(s) Addressed:	Floods and Earthquake
Action or Project	
Action/Project Number:	1.2.5
Name of Action or Project:	Generator backup
Action or Project Description:	Acquire generators to safeguard the availability of critical services such as electricity, water and emergency services.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$5,000 - \$80,000 per generator unit
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County Commission, County EMD
Action/Project Priority:	23 – High Priority
Timeline for Completion:	5 – 10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Capital improvement plans, LEOP, hazard mitigation plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Both rural water districts have back-up generators. All rural fire departments have some kind of generator available. The Courthouse and new county jail both have generators.

Action 1.2.6: Conduct a study of the Texas Road area to find mitigation solutions for flash flooding that has resulted in water rescues, damaged utilities, roads and homes.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with lack of data/mitigation solutions for the Texas Road area
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	1.2.6
Name of Action or Project:	Texas Road Mitigation Study
Action or Project Description:	Texas Road is prone to flash flooding that has resulted in water rescues, damaged utilities, roads and homes. Need to study the area and find mitigation solutions.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$5,000 - \$25,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County EMD, Pulaski County Commission
Action/Project Priority:	21 –High Priority
Timeline for Completion:	5 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan
Progress Report	
Action Status	Not Stated – Continue in Plan Update
Report of Progress	The county does not currently have the resources to complete the project but does consider it a priority.

Action 1.2.7: Monitor developments in data availability concerning the impact of disasters such as dam failure, tornados, sinkholes, land subsidence and wildfire upon Pulaski County and all jurisdictions through local, state and federal agencies for use in hazard mitigation planning.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with lack of data concerning the impact of natural disasters on the County.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	1.2.7
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Monitor developments in data availability concerning the impact of disasters such as dam failure, tornadoes, sinkholes, land subsidence, and wildfire upon Pulaski County and all jurisdictions through local, state, and federal agencies for use in hazard mitigation planning.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County EMD, Pulaski County Commission
Action/Project Priority:	28 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, floodplain ordinance
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Some work has been done on this action item at the state and federal level. Improved data is becoming available for a number of different hazards including dam failure.

Action 1.3.1: Place water height gauges and signs near low water crossings.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with lack of signage and monitoring tools near low water crossings
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	1.3.1
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Place water height gauges and signs near low water crossings.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$2,500 - \$3,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties and property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County Road and Bridge Department
Action/Project Priority:	20 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Capital improvements plan, hazard mitigation plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Pulaski County currently maintains water height gauges on county-maintained roads and low water crossings but this is an on-going activity and there are still some gauges that need to be installed. There is also a developing project to place mile markers on the Big Piney and Gasconade River to better identify where to find emergencies on the river and establish GPS put-in points for rescues.

Action 1.3.3: Continue to examine road and bridge upgrades to improve drainage and reduce flooding and the risk to residents and property.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flooding resulting from poor drainage during times of flooding.
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	1.3.3
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Continue to examine road and bridge upgrades to improve drainage and reduce flooding and the risk to residents and property.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown due to variables.
Benefits:	Losses avoided by implementing this action include injuries and/or casualties and property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County Road and Bridge Department
Action/Project Priority:	25 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Capital improvements plan, hazard mitigation plan, Pulaski County has building specifications for subdivision builders to follow if they want the county to take over the subdivision roads.
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The county's policy is to go up a size any time a culvert is replaced in order to improve drainage and the county replaces an average of 55 culverts per year. Three low water crossings have been converted to bridges and a fourth is in the works for Bunker Road.

Action 1.3.4: Establish designed shelters for residents to be used during tornado threats, as cooling centers during extreme heat or power outages and/or as shelters during other disasters. Encourage the designation of public buildings as safe shelters and develop accessibility plans for the public.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with inadequate shelters for residents during disasters or extreme temperature events
Hazard(s) Addressed:	Tornado, Severe Winter Storm, Severe Weather, Extreme Heat
Action or Project	
Action/Project Number:	1.3.4
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Establish designed shelters for residents to be used during tornado and severe weather threats and as warming or cooling shelters during extreme heat or power outages and/or as shelters during other disasters. Insure that shelters are accessible.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$500 - \$3,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County EMD
Action/Project Priority:	26 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
	Pulaski County has designated the county courthouse as a shelter. Additional shelters could be designated in rural areas of the county.

Action 1.3.5: Continue to work to increase availability (if necessary construction) of storm shelters for individual families and large groups, including near large employment centers and schools that currently do not have access to tornado safe rooms.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent /unavailable storm shelters for individual families and large groups.
Hazard(s) Addressed:	Tornado
Action or Project	
Action/Project Number:	1.3.5
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Continue to work to increase availability (if necessary, construction) of storm shelters for individual families and large groups, including near large employment centers and schools.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County Commission, County EMD
Action/Project Priority:	21 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan
Progress Report	
Action Status	Not Stated/Continue in Plan Update
Report of Progress	There are currently no certified tornado shelters located in unincorporated areas of the county, although two school districts have built certified tornado shelters – East Elementary in Waynesville and in Crocker.

Action 1.3.6: Encourage establishing road signage that directs people on I-44 to local storm shelters during storm warnings.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated lack of signage to direct I-44 travelers to storm shelters during storm warnings
Hazard(s) Addressed:	Severe Weather, Tornado
Action or Project	
Action/Project Number:	1.3.6
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Encourage establishing road signage that directs people on I-44 to local storm shelters during storm warnings.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$500 - \$2,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Mayors of Waynesville and St. Robert, EMDs
Action/Project Priority:	25 - H
Timeline for Completion:	5 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	Although no progress has been made on this action item, the county commission still considers it a high priority.

Goal 2: Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.

Action 2.2.1: Educate residents, realtors and contractors about the dangers of floodplain development and the benefits of the National Flood Insurance Program.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities of properties in the floodplain during a flood event.
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	2.2.1
Name of Action or Project:	Floodplain education/awareness
Action or Project Description:	Educate residents about the dangers of floodplain development and the benefits of the NFIP
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$500 - \$2,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Floodplain Manager, Pulaski County Commission
Action/Project Priority:	27 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	Floodplain management ordinances, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Information, brochures, etc. on floodplain development and the NFIP is available through the county floodplain manager. The program could benefit from direct mailings to realtors, contractors and residents with property located in the floodplain. This is a program that requires on-going activity as people move in and out of the county.

Action 2.2.2: Encourage development of storm water management plans/ordinances in those jurisdictions that do not currently have them and in all new development including unincorporated areas.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flood events in areas that do not possess adequate storm water management plans
Hazard(s) Addressed:	Flood, Severe Weather
Action or Project	
Action/Project Number:	2.2.2
Name of Action or Project:	Encourage development of storm water management plans/ordinances
Action or Project Description:	Encourage development of storm water management plans in those jurisdictions that do not currently have them and in all new developments. and encourage the county to review and strengthen any subdivision ordinances to incorporate mitigation measures such as storm water management.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$5,000 - \$25,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Pulaski County Commission, city councils of cities, City Engineers, Public Works Directors
Action/Project Priority:	23 - H
Timeline for Completion:	10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	Capital Improvement plans, builders plans, comprehensive plans, transportation plans, land-use plans, flood mitigation assistance plans, ordinances
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The county requires some storm water management be incorporated into any new developments where the developer wants the county to take over road maintenance.

Action 2.2.3: Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements in all existing and new development.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flooding and unregulated floodplain development.
Hazard(s) Addressed:	Flood, Severe Weather
Action or Project	
Action/Project Number:	2.2.3
Name of Action or Project:	Floodplain management compliance enforcement.
Action or Project Description:	Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$4,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Pulaski County Commission, floodplain manager
Action/Project Priority:	23 - H
Timeline for Completion:	1 - 5 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	Capital Improvement plans, builders plans, comprehensive plans, transportation plans, land-use plans, flood mitigation assistance plans, ordinances
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The county is a member of the NFIP and works to ensure compliance with the county floodplain ordinance. This is an on-going endeavor and could benefit from additional inspections of floodplain areas and additional education/awareness activities for builders and residents.

Action 2.3.1: Encourage local governments to develop and implement regulations for securing hazardous materials tanks and mobile homes to reduce hazards during storms and flooding.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with unsecured hazardous materials, tanks, and mobile homes during flood, severe weather, or tornado events.
Hazard(s) Addressed:	Flood, Severe Weather, Tornado
Action or Project	
Action/Project Number:	2.3.1
Name of Action or Project:	Encourage the development of regulations or ordinances for securing materials tanks and mobile homes to reduce hazards during storms and flooding.
Action or Project Description:	Encourage local governments to develop and implement regulations and/or ordinances for securing hazardous materials, tanks, and mobile homes to reduce hazards during storms, flooding, and high winds.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$3,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County EMD, Floodplain Manager, County Commission
Action/Project Priority:	22 – High Priority
Timeline for Completion:	10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, and services
Local Planning Mechanisms to be Used in Implementation, if any:	County ordinances, builders plans, LEOP, building codes, floodplain ordinances
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	The county indicated that they do not have the resources to complete this action item at this time.

Goal 3: Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities.

Action 3.3.1: Re-evaluate the hazard mitigation plan, merge with other community planning and coordinate and integrate hazard mitigation activities, where appropriate, with emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with not regularly reviewing and updating the mitigation plan and incorporating mitigation activities into emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.3.1
Name of Action or Project:	Re-evaluate the hazard mitigation plan and merge with other community planning activities.
Action or Project Description:	Re-evaluate the hazard mitigation plan, merge with other community planning activities and documents and incorporate hazard mitigation into the long-range planning and development activities of the county.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities
Estimated Cost:	\$3,500 - \$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County EMD, Local Planners, MPC
Action/Project Priority:	21 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan, County Budget, Economic Development Plan, Transportation Plan, Floodplain Ordinance, economic development plan, land-use plan, capital improvement plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Hazard mitigation goals & actions have been incorporated into the regional Community & Economic Development Strategy. The

	Pulaski County Road & Bridge Department has incorporated mitigation activities into their regular maintenance program. Mitigation actions are part of the county LEOP. As local officials become familiar with mitigation and understand how it fits within other planning activities, this action item will continue to expand.
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Action 3.4.3: Encourage the development of a county-wide CERT, COAD and/or VOAD program and educate the public on how they can benefit from these types of programs.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Lack of information on and need for CERT and/or COAD/VOAD programs to help communities prepare for, plan for and recover from disasters.
Hazard(s) Addressed:	All hazards.
Action or Project	
Action/Project Number:	3.4.3
Name of Action or Project:	Promote the development of CERT, COAD, VOAD
Action or Project Description:	Encourage the development of a county-wide CERT and/or COAD/VOAD program and educate the public on how they can benefit from these types of programs.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards and hazard mitigation alternatives that can reduce their vulnerabilities.
Estimated Cost:	\$1,500 - \$5,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County EMD
Action/Project Priority:	28 – High Priority
Timeline for Completion:	5 years to form CERT/COAD/VOAD, awareness – on-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	CERT training has been held in the county and there is an active COAD in the county. However, the CERT team is not currently active. The county would benefit from working to re-invigorate these programs.

Goal 4: Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.

Action 4.1.1: Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication among organizations/agencies for mitigation related planning.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.1
Name of Action or Project:	Encourage joint meetings of different organizations/agencies and continued communication on mitigation.
Action or Project Description:	Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County Commission, County EMD
Action/Project Priority:	27 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, Floodplain Ordinance, LEOP, County Budget
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity. Region I Fire Chiefs meet regularly. The Region I SEMA area coordinator holds quarterly meetings throughout the six-county region, including in Pulaski County. This program could benefit from a more coordinated, focused effort to bring different agencies together to specifically discuss mitigation issues.

Action 4.1.2: Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination among agencies, public, and private entities on disaster training and emergency drills/exercises.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	4.1.2
Name of Action or Project:	Encourage joint training/drills/exercises among all jurisdictions and local businesses.
Action or Project Description:	Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).
Applicable Goal Statement:	Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.
Estimated Cost:	\$1,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County EMD, Emergency Response Agencies
Action/Project Priority:	25 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Jurisdictions, EMDs and emergency response agencies within Pulaski County cooperate on training and drills on a regular basis. Fire and police departments regularly train with local school districts. The county fire chief's association meets regularly and do joint training. The Region I SEMA area coordinator works with local entities throughout the six-county area to do at least one exercise each year that is either regional or state-wide. The Pipeline Association of Missouri hosts annual tabletop exercises in the region.

Action 4.1.3: Whenever possible, pool different agency resources to achieve widespread mitigation results.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Lack of resources to carry out mitigation projects
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.3
Name of Action or Project:	Pool different agency resources to achieve widespread mitigation results.
Action or Project Description:	Bring together different agencies and organizations that have similar goals and work together to pool resources to move mitigation projects forward.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County EMD, County Commission, Floodplain Manager
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, Floodplain Ordinance, LEOP, County Budget
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity. The county commission reported that they are interested in finding ways to pool resources to accomplish mitigation projects.

Goal 5: Establish priorities for reducing risks to the people and their property with emphasis on long-term and maximum benefits to the public rather than short-term benefit of special interests.

Action 5.3.1: Purchase properties in the floodplain as funds become available to convert that land into public space/recreation area and encourage communities to zone repetitive loss properties in the floodplain as open space.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated lack of adequate storm shelters.
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	5.3.1
Name of Action or Project:	Government purchase of properties in the floodplain.
Action or Project Description:	Purchase properties in the floodplain as funds become available and convert that land into public space/recreation area.
Applicable Goal Statement:	Establish priorities for reducing risks to the people and their property with emphasis on long-term and maximum benefits to the public rather than short-term benefits of special interests.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include property damage and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County Commission, floodplain manager
Action/Project Priority:	23– High Priority
Timeline for Completion:	One to ten years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The county EMD has made some progress on this action item. Two shelters have been designated – the county courthouse in Vienna and the Masonic Lodge in Belle. Accessibility plans are in place for these two locations and both have shelter supplies. The county would benefit from having more detailed assessments done and additional shelters designated.

Action 5.3.1: Encourage local governments to purchase properties in the floodplain as funds become available and convert that land into public space/recreation area.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with floodplain properties
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	5.3.1
Name of Action or Project:	Government purchase of properties in the floodplain
Action or Project Description:	Encourage local governments to purchase properties in the floodplain as funds become available and convert that land into public space/recreation area.
Applicable Goal Statement:	Establish priorities for reducing risks to the people and their property with emphasis on long-term and maximum benefits to the public rather than short-term benefits of special interests.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include property damage, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County Commission, County EMD, Floodplain Manager/Coordinator
Action/Project Priority:	23 - H
Timeline for Completion:	N/A
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	Floodplain ordinance, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The County has purchased one repetitive loss property in the floodplain. As resources become available, the County would consider purchasing more floodplain properties.

Goal 6: Secure resources for investment in hazard mitigation.

Action 6.1.2: Structure grant proposals for road/bridge upgrades so that hazard mitigation concerns are also met.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Roads/bridges in need of upgrades
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	6.1.2
Name of Action or Project:	Structuring grant proposals to meet mitigation needs.
Action or Project Description:	Structure grant proposals for road/bridge upgrades so that hazard mitigation concerns are also met.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	\$3,500 - \$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County Commission, County engineer, local grant writers
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, County Budget
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Pulaski County's policy is to incorporate upgrades in all road and bridge projects. However, this is an activity that would benefit from raising awareness of mitigation concerns and remedies. As more local officials become aware of the importance of mitigation and realize that grants can provide opportunities for funding those actions, this activity will become more integrated into local planning.

Action 6.1.3: Work with state/local/federal agencies to include mitigation in all economic and community development projects.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination of mitigation in community development projects and integration of mitigation actions into economic and community development projects.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	6.1.3
Name of Action or Project:	Coordination with state/local/federal agencies to integrate mitigation into economic and community development projects.
Action or Project Description:	Work with state/local/federal agencies to include mitigation into economic and community development projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County Commission, local planners, local economic developers, community development organizations, county EMD
Action/Project Priority:	23 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, economic development plans, CEDS, land-use plans
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Progress is being made in this area. Hazard mitigation goals and actions have been incorporated into the regional Community Economic Development Strategy (CEDS). As mitigation awareness grows, additional efforts will be made to incorporate mitigation activities into economic and community development projects.

Action 6.1.4: Encourage local jurisdictions to budget for mitigation projects.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Lack of funding for hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.1.4
Name of Action or Project:	Budgeting for mitigation projects
Action or Project Description:	Encourage local jurisdictions to budget for mitigation projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County EMD, County Commission
Action/Project Priority:	23 - H
Timeline for Completion:	5 years to implement and then on-going
Potential Fund Sources:	Local general revenue funds
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, County Budget, CEDS, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Pulaski County currently budgets to upgrade all culvert replacements. The county is also asking FEMA to allow them to mitigate repairs following a disaster rather than build the road and/or bridge back just as it was before the damage.

Action 6.2.1: Encourage cities and county to implement cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole.

Action Worksheet	
Name of Jurisdiction:	Pulaski County
Risk / Vulnerability	
Problem being Mitigated:	Lack of cost-share programs with private property owners for hazard mitigation projects.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	6.2.1
Name of Action or Project:	Encourage local mitigation cost-share programs.
Action or Project Description:	Encourage cities and county to implement cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown – dependent upon projects and interest
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County Commission
Action/Project Priority:	14 – Medium Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The county will install culverts if the individual pays for the culvert to ensure that installation is done correctly and the culvert is sized correctly. This program could benefit from more organized guidelines and focused efforts if additional funding could be secured.

Crocker

Goal 1: Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.

Action 1.1.1: Implement an education program on personal emergency preparedness that teaches residents how to prepare emergency survival kits with water, blankets, flashlights, etc. and how to shut off their home utilities during emergencies; provides them with information on precautions to be taken during threats of natural disasters such as heat waves; and provide information on personal mitigation actions such as building tornado shelters and securing propane tanks. Implement public awareness program about the benefits of hazard mitigation projects, both public and private through press releases and brochures.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Ongoing need to improve public education and awareness of hazards, personal emergency preparedness and the benefits of hazard mitigation.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.1.1
Name of Action or Project:	Public Education and Awareness Program on hazards, personal emergency preparedness and the benefits of hazard mitigation.
Action or Project Description:	Provide information and education to the general public through brochures, press releases, classes, presentations on personal emergency preparedness and the benefits of hazard mitigation.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$1,500 - \$5,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, local emergency response agencies
Action/Project Priority:	27 – High Priority
Timeline for Completion:	1 – 5 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Information is distributed through local offices, at local events and through the media by the county EMD, SEMA, health department and emergency response agencies.

Action 1.2.1: Continue to encourage local governments to budget for and obtain enhanced early warning systems and improved communications systems.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with insufficient early warning systems and improved communications systems.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.2.1
Name of Action or Project:	Improving early warning and communications systems.
Action or Project Description:	Continue to encourage local governments to obtain early warning systems and improve communications systems.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown due to variables – \$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	23 –High Priority
Timeline for Completion:	One to 10 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The city of Crocker now has a tornado siren. The community also has CodeRed – a phone/text system for emergency notifications. The school district has a phone/text/email system for sharing information.

Action 1.2.2: Continue to promote weather radios to local residents and schools to insure advanced warning about threatening weather.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Risks and vulnerabilities associated with lack of early warning systems for severe weather in rural areas of the county.
Hazard(s) Addressed:	Tornadoes, severe winter weather, severe thunderstorm/high winds/lightning/hail, extreme temperatures, flooding
Action or Project	
Action/Project Number:	1.2.2
Name of Action or Project:	Improving early warning for severe weather.
Action or Project Description:	The city should continue to encourage residents to invest in weather radios to improve early warning for severe weather.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$1,500 - \$2,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City Council, city EMD and local fire department
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Although the county has promoted weather radios in the past, there is currently no coordinated effort to encourage residents to purchase weather radios other than the efforts made by fire departments.

Action 1.2.4: Promote the installation of fire alarms/security systems in public buildings.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with fire and inadequate alarms/security systems in public buildings.
Hazard(s) Addressed:	Wildfire
Action or Project	
Action/Project Number:	1.2.4
Name of Action or Project:	Improving fire alarms and security systems in public buildings.
Action or Project Description:	Promote the installation of fire alarms/security systems in public buildings.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	23 –High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	The city of Crocker currently does not require fire alarms in public buildings.

Action 1.2.5: Acquire backup generators to safeguard the availability of critical services such as electricity, water and emergency services.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with electrical, water and emergency services failure during a disaster.
Hazard(s) Addressed:	Floods and Earthquake
Action or Project	
Action/Project Number:	1.2.5
Name of Action or Project:	Generator backup
Action or Project Description:	Acquire generators to safeguard the availability of critical services such as electricity, water and emergency services.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$5,000 - \$80,000 per generator unit
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City EMD
Action/Project Priority:	23 – High Priority
Timeline for Completion:	5 – 10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Capital improvement plans, LEOP, hazard mitigation plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Crocker has a backup generator for their sewer treatment plant, but would like to get generators for city hall and at least one of the city wells.

Action 1.2.7: Monitor developments in data availability concerning the impact of disasters such as dam failure, tornados, sinkholes, land subsidence and wildfire upon Pulaski County and all jurisdictions through local, state and federal agencies for use in hazard mitigation planning.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with lack of data concerning the impact of natural disasters on the County.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	1.2.7
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Monitor developments in data availability concerning the impact of disasters such as dam failure, tornadoes, sinkholes, land subsidence, and wildfire upon Pulaski County and all jurisdictions through local, state, and federal agencies for use in hazard mitigation planning.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	28 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, floodplain ordinance
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Some work has been done on this action item at the state and federal level. Improved data is becoming available for a number of different hazards including dam failure.

Action 1.3.4: Establish designed shelters for residents to be used during tornado threats, as cooling centers during extreme heat or power outages and/or as shelters during other disasters. Encourage the designation of public buildings as safe shelters and develop accessibility plans for the public.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with inadequate shelters for residents during disasters or extreme temperature events
Hazard(s) Addressed:	Tornado, Severe Winter Storm, Severe Weather, Extreme Heat
Action or Project	
Action/Project Number:	1.3.4
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Establish designed shelters for residents to be used during tornado and severe weather threats and as warming or cooling shelters during extreme heat or power outages and/or as shelters during other disasters. Insure that shelters are accessible.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$500 - \$3,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD
Action/Project Priority:	26 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
	Crocker has designated the city library as a warming and cooling shelter, but the community would benefit from having additional shelters designated – particularly for tornados. The Crocker R-II School District has a certified tornado shelter located in the school cafeteria and the school district allows residents to use the shelter during severe weather and tornado warnings.

Action 1.3.5: Continue to work to increase availability (if necessary construction) of storm shelters for individual families and large groups, including near large employment centers and schools that currently do not have access to tornado safe rooms.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent /unavailable storm shelters for individual families and large groups.
Hazard(s) Addressed:	Tornado
Action or Project	
Action/Project Number:	1.3.5
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Continue to work to increase availability (if necessary, construction) of storm shelters for individual families and large groups, including near large employment centers and schools.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City EMD
Action/Project Priority:	21 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The Crocker school district built a certified tornado shelter for the school. However, the city would benefit from having a certified tornado shelter for residents as well.

Goal 2: Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.

Action 2.1.2: Encourage the adoption of minimum standard building codes by all communities that do not currently have them.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities to property and communities in the event of a natural disaster due to substandard construction.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	2.1.2
Name of Action or Project:	Property & Infrastructure Protection
Action or Project Description:	Encourage the adoption of minimum standard building codes by all communities that do not currently have them.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$3,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen
Action/Project Priority:	20 - H
Timeline for Completion:	5 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	City ordinances
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	Crocker has building codes in its ordinances but does not have the resources to enforce building codes. The mayor has expressed an interest in getting help to re-establish, update and enforce minimum building codes.

Action 2.2.2: Encourage development of storm water management plans/ordinances in those jurisdictions that do not currently have them and in all new development including unincorporated areas.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flood events in areas that do not possess adequate storm water management plans
Hazard(s) Addressed:	Flood, Severe Weather
Action or Project	
Action/Project Number:	2.2.2
Name of Action or Project:	Encourage development of storm water management plans/ordinances
Action or Project Description:	Encourage development of storm water management plans in those jurisdictions that do not currently have them and in all new developments. and encourage the county to review and strengthen any subdivision ordinances to incorporate mitigation measures such as storm water management.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$5,000 - \$25,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City Engineer, Public Works Director
Action/Project Priority:	23 - H
Timeline for Completion:	10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	Capital Improvement plans, builders plans, comprehensive plans, transportation plans, land-use plans, flood mitigation assistance plans, ordinances
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	The city currently does not have the resources available to develop a storm water management plan or ordinances.

Action 2.3.1: Encourage local governments to develop and implement regulations for securing hazardous materials tanks and mobile homes to reduce hazards during storms and flooding.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with unsecured hazardous materials, tanks, and mobile homes during flood, severe weather, or tornado events.
Hazard(s) Addressed:	Flood, Severe Weather, Tornado
Action or Project	
Action/Project Number:	2.3.1
Name of Action or Project:	Encourage the development of regulations or ordinances for securing materials tanks and mobile homes to reduce hazards during storms and flooding.
Action or Project Description:	Encourage local governments to develop and implement regulations and/or ordinances for securing hazardous materials, tanks, and mobile homes to reduce hazards during storms, flooding, and high winds.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$3,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	22 – High Priority
Timeline for Completion:	10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, and services
Local Planning Mechanisms to be Used in Implementation, if any:	City ordinances, LEOP, building codes
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	Crocker has indicated that they do not have the resources to complete this action item at this time.

Goal 3: Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities.

Action 3.3.1: Re-evaluate the hazard mitigation plan, merge with other community planning and coordinate and integrate hazard mitigation activities, where appropriate, with emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with not regularly reviewing and updating the mitigation plan and incorporating mitigation activities into emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.3.1
Name of Action or Project:	Re-evaluate the hazard mitigation plan and merge with other community planning activities.
Action or Project Description:	Re-evaluate the hazard mitigation plan, merge with other community planning activities and documents and incorporate hazard mitigation into the long-range planning and development activities of the county.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities
Estimated Cost:	\$3,500 - \$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Local Planners, MPC
Action/Project Priority:	21 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan, City Budget, Economic Development Plan, Transportation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Hazard mitigation goals & actions have been added to the regional CEDS. Mitigation is in the LEOP. As local officials become familiar with mitigation & understand how it fits within other planning activities, this action item will continue to expand.

Action 3.4.3: Encourage the development of a county-wide CERT, COAD and/or VOAD program and educate the public on how they can benefit from these types of programs.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Lack of information on and need for CERT and/or COAD/VOAD programs to help communities prepare for, plan for and recover from disasters.
Hazard(s) Addressed:	All hazards.
Action or Project	
Action/Project Number:	3.4.3
Name of Action or Project:	Promote the development of CERT, COAD, VOAD
Action or Project Description:	Encourage the development of a county-wide CERT and/or COAD/VOAD program and educate the public on how they can benefit from these types of programs.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards and hazard mitigation alternatives that can reduce their vulnerabilities.
Estimated Cost:	\$1,500 - \$5,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD
Action/Project Priority:	28 – High Priority
Timeline for Completion:	5 years to form CERT/COAD/VOAD, awareness – on-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	CERT training has been held in the county and there is an active COAD in the county. However, the CERT team is not currently active. The city would benefit from working to re-invigorate these programs and encouraging them within the city.

Goal 4: Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.

Action 4.1.1: Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication among organizations/agencies for mitigation related planning.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.1
Name of Action or Project:	Encourage joint meetings of different organizations/agencies and continued communication on mitigation.
Action or Project Description:	Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	27 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity. Region I Fire Chiefs meet regularly. The Region I SEMA area coordinator holds quarterly meetings throughout the six-county region, including in Pulaski County. This program could benefit from a more coordinated, focused effort to bring different agencies together to specifically discuss mitigation issues.

Action 4.1.2: Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination among agencies, public, and private entities on disaster training and emergency drills/exercises.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	4.1.2
Name of Action or Project:	Encourage joint training/drills/exercises among all jurisdictions and local businesses.
Action or Project Description:	Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).
Applicable Goal Statement:	Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.
Estimated Cost:	\$1,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, local Emergency Response Agencies
Action/Project Priority:	25 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Jurisdictions, EMDs and emergency response agencies within the city of Crocker and Pulaski County cooperate on training and drills on a regular basis. Fire and police departments regularly train with local school districts. The county fire chief's association meets regularly and do joint training. The Region I SEMA area coordinator works with local entities throughout the six-county area to do at least one exercise each year that is either regional or state-wide. The Pipeline Association of Missouri hosts annual tabletop exercises in the region.

Action 4.1.3: Pool different agency resources to achieve widespread mitigation results.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Lack of resources to carry out mitigation projects
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.3
Name of Action or Project:	Pool different agency resources to achieve widespread mitigation results.
Action or Project Description:	Bring together different agencies and organizations that have similar goals and work together to pool resources to move mitigation projects forward.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP, City Budget
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity. The Crocker mayor reported that they are interested in finding ways to pool resources to accomplish mitigation projects.

Goal 6: Secure resources for investment in hazard mitigation.

Action 6.1.2: Structure grant proposals for road/bridge upgrades so that hazard mitigation concerns are also met.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Roads/bridges in need of upgrades
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	6.1.2
Name of Action or Project:	Structuring grant proposals to meet mitigation needs.
Action or Project Description:	Structure grant proposals for road/bridge upgrades so that hazard mitigation concerns are also met.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	\$3,500 -\$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City engineer, local grant writers
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, City Budget
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	When resources are available the city tries to incorporate upgrades into all infrastructure projects. However, this is an activity that would benefit from raising awareness of mitigation concerns and remedies. As more local officials become aware of the importance of mitigation and realize that grants can provide opportunities for funding those actions, this activity will become more integrated into local planning.

Action 6.1.3: Work with state/local/federal agencies to include mitigation in all economic and community development projects.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination of mitigation in community development projects and integration of mitigation actions into economic and community development projects.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	6.1.3
Name of Action or Project:	Coordination with state/local/federal agencies to integrate mitigation into economic and community development projects.
Action or Project Description:	Work with state/local/federal agencies to include mitigation into economic and community development projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, local planners, local economic developers, community development organizations, city EMD
Action/Project Priority:	23 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, economic development plans, CEDS
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Progress is being made in this area. Hazard mitigation goals and actions have been incorporated into the regional Community Economic Development Strategy (CEDS). As mitigation awareness grows, additional efforts will be made to incorporate mitigation activities into economic and community development projects.

Action 6.1.4: Encourage local jurisdictions to budget for mitigation projects.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Lack of funding for hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.1.4
Name of Action or Project:	Budgeting for mitigation projects
Action or Project Description:	Encourage local jurisdictions to budget for mitigation projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	23 - H
Timeline for Completion:	5 years to implement and then on-going
Potential Fund Sources:	Local general revenue funds
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, City Budget, CEDS, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	When resources are available, the city tries to make infrastructure improvements that include mitigation. However, this is an activity that would benefit from raising awareness of mitigation concerns and remedies. As more local officials become aware of the importance of mitigation and realize that projects can be accomplished through capital improvements, this activity will become more integrated into local budgeting.

Action 6.2.1: Encourage cities and county to implement cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole.

Action Worksheet	
Name of Jurisdiction:	City of Crocker
Risk / Vulnerability	
Problem being Mitigated:	Lack of cost-share programs with private property owners for hazard mitigation projects.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	6.2.1
Name of Action or Project:	Encourage local mitigation cost-share programs.
Action or Project Description:	Encourage cities and county to implement cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown – dependent upon projects and interest
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, Chief of Public Works
Action/Project Priority:	14 – Medium Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The city will install culverts if the individual pays for the culvert to ensure that installation is done correctly and the culvert is sized correctly. This program could benefit from more organized guidelines and focused efforts if additional funding could be secured.

Dixon

Goal 1: Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.

Action 1.1.1: Implement an education program on personal emergency preparedness that teaches residents how to prepare emergency survival kits with water, blankets, flashlights, etc. and how to shut off their home utilities during emergencies; provides them with information on precautions to be taken during threats of natural disasters such as heat waves; and provide information on personal mitigation actions such as building tornado shelters and securing propane tanks. Implement public awareness program about the benefits of hazard mitigation projects, both public and private through press releases and brochures.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Ongoing need to improve public education and awareness of hazards, personal emergency preparedness and the benefits of hazard mitigation.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.1.1
Name of Action or Project:	Public Education and Awareness Program on hazards, personal emergency preparedness and the benefits of hazard mitigation.
Action or Project Description:	Provide information and education to the general public through brochures, press releases, classes, presentations on personal emergency preparedness and the benefits of hazard mitigation.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$1,500 - \$5,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, local emergency response agencies
Action/Project Priority:	27 – High Priority
Timeline for Completion:	1 – 5 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Information is distributed through local offices, at local events and through the media by the county EMD, SEMA, health department and emergency response agencies.

Action 1.2.1: Continue to encourage local governments to budget for and obtain enhanced early warning systems and improved communications systems.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with insufficient early warning systems and improved communications systems.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.2.1
Name of Action or Project:	Improving early warning and communications systems.
Action or Project Description:	Continue to encourage local governments to obtain early warning systems and improve communications systems.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown due to variables – \$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	23 –High Priority
Timeline for Completion:	One to 10 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The city of Dixon has one tornado siren which is not adequate for the entire community. The school district has a phone/text/email system for sharing information. The community would also benefit from adding a cellphone alert system.

Action 1.2.2: Continue to promote weather radios to local residents and schools to insure advanced warning about threatening weather.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Risks and vulnerabilities associated with lack of early warning systems for severe weather in rural areas of the county.
Hazard(s) Addressed:	Tornadoes, severe winter weather, severe thunderstorm/high winds/lightning/hail, extreme temperatures, flooding
Action or Project	
Action/Project Number:	1.2.2
Name of Action or Project:	Improving early warning for severe weather.
Action or Project Description:	The city should continue to encourage residents to invest in weather radios to improve early warning for severe weather.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$1,500 - \$2,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City Council, city EMD and local fire department
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Although the county has promoted weather radios in the past, there is currently no coordinated effort to encourage residents to purchase weather radios other than the efforts made by fire departments.

Action 1.2.4: Promote the installation of fire alarms/security systems in public buildings.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with fire and inadequate alarms/security systems in public buildings.
Hazard(s) Addressed:	Wildfire
Action or Project	
Action/Project Number:	1.2.4
Name of Action or Project:	Improving fire alarms and security systems in public buildings.
Action or Project Description:	Promote the installation of fire alarms/security systems in public buildings.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	23 –High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	The city of Dixon currently does not require fire alarms in public buildings and does not have the resources to enforce codes requiring them.

Action 1.2.5: Acquire backup generators to safeguard the availability of critical services such as electricity, water and emergency services.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with electrical, water and emergency services failure during a disaster.
Hazard(s) Addressed:	Floods and Earthquake
Action or Project	
Action/Project Number:	1.2.5
Name of Action or Project:	Generator backup
Action or Project Description:	Acquire generators to safeguard the availability of critical services such as electricity, water and emergency services.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$5,000 - \$80,000 per generator unit
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City EMD
Action/Project Priority:	23 – High Priority
Timeline for Completion:	5 – 10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Capital improvement plans, LEOP, hazard mitigation plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Dixon currently does not have any backup generators but is interested in acquiring generators for critical facilities if funding can be found.

Action 1.2.7: Monitor developments in data availability concerning the impact of disasters such as dam failure, tornados, sinkholes, land subsidence and wildfire upon Pulaski County and all jurisdictions through local, state and federal agencies for use in hazard mitigation planning.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with lack of data concerning the impact of natural disasters on the County.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	1.2.7
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Monitor developments in data availability concerning the impact of disasters such as dam failure, tornadoes, sinkholes, land subsidence, and wildfire upon Pulaski County and all jurisdictions through local, state, and federal agencies for use in hazard mitigation planning.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	28 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, floodplain ordinance
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Some work has been done on this action item at the state and federal level. Improved data is becoming available for a number of different hazards including dam failure.

Action 1.3.4: Establish designed shelters for residents to be used during tornado threats, as cooling centers during extreme heat or power outages and/or as shelters during other disasters. Encourage the designation of public buildings as safe shelters and develop accessibility plans for the public.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with inadequate shelters for residents during disasters or extreme temperature events
Hazard(s) Addressed:	Tornado, Severe Winter Storm, Severe Weather, Extreme Heat
Action or Project	
Action/Project Number:	1.3.4
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Establish designed shelters for residents to be used during tornado and severe weather threats and as warming or cooling shelters during extreme heat or power outages and/or as shelters during other disasters. Insure that shelters are accessible.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$500 - \$3,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD
Action/Project Priority:	26 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
	The mayor is in discussions with local churches with basements about serving as tornado shelters, but nothing has been confirmed at this time and those would not be SEMA certified shelters.

Action 1.3.5: Continue to work to increase availability (if necessary construction) of storm shelters for individual families and large groups, including near large employment centers and schools that currently do not have access to tornado safe rooms.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent /unavailable storm shelters for individual families and large groups.
Hazard(s) Addressed:	Tornado
Action or Project	
Action/Project Number:	1.3.5
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Continue to work to increase availability (if necessary, construction) of storm shelters for individual families and large groups, including near large employment centers and schools.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City EMD
Action/Project Priority:	21 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	There are currently no certified tornado shelters in Dixon and the community does not currently have the resources to build one.

Goal 2: Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.

Action 2.1.2: Encourage the adoption of minimum standard building codes by all communities that do not currently have them.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities to property and communities in the event of a natural disaster due to substandard construction.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	2.1.2
Name of Action or Project:	Property & Infrastructure Protection
Action or Project Description:	Encourage the adoption of minimum standard building codes by all communities that do not currently have them.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$3,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen
Action/Project Priority:	20 - H
Timeline for Completion:	5 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	City ordinances
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	Dixon does not have the resources to enforce building codes.

Action 2.2.2: Encourage development of storm water management plans/ordinances in those jurisdictions that do not currently have them and in all new development including unincorporated areas.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flood events in areas that do not possess adequate storm water management plans
Hazard(s) Addressed:	Flood, Severe Weather
Action or Project	
Action/Project Number:	2.2.2
Name of Action or Project:	Encourage development of storm water management plans/ordinances
Action or Project Description:	Encourage development of storm water management plans in those jurisdictions that do not currently have them and in all new developments. and encourage the county to review and strengthen any subdivision ordinances to incorporate mitigation measures such as storm water management.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$5,000 - \$25,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City Engineer, Public Works Director
Action/Project Priority:	23 - H
Timeline for Completion:	10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	Capital Improvement plans, builders plans, transportation plans, ordinances, Hazard Mitigation Plan
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	The city currently does not have the resources available to develop a storm water management plan or ordinances.

Action 2.3.1: Encourage local governments to develop and implement regulations for securing hazardous materials tanks and mobile homes to reduce hazards during storms and flooding.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with unsecured hazardous materials, tanks, and mobile homes during flood, severe weather, or tornado events.
Hazard(s) Addressed:	Flood, Severe Weather, Tornado
Action or Project	
Action/Project Number:	2.3.1
Name of Action or Project:	Encourage the development of regulations or ordinances for securing materials tanks and mobile homes to reduce hazards during storms and flooding.
Action or Project Description:	Encourage local governments to develop and implement regulations and/or ordinances for securing hazardous materials, tanks, and mobile homes to reduce hazards during storms, flooding, and high winds.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$3,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	22 – High Priority
Timeline for Completion:	10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, and services
Local Planning Mechanisms to be Used in Implementation, if any:	City ordinances, LEOP, building codes, Hazard Mitigation Plan
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	Dixon has indicated that they do not have the expertise or resources to complete this action item at this time.

Goal 3: Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities.

Action 3.3.1: Re-evaluate the hazard mitigation plan, merge with other community planning and coordinate and integrate hazard mitigation activities, where appropriate, with emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with not regularly reviewing and updating the mitigation plan and incorporating mitigation activities into emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.3.1
Name of Action or Project:	Re-evaluate the hazard mitigation plan and merge with other community planning activities.
Action or Project Description:	Re-evaluate the hazard mitigation plan, merge with other community planning activities and documents and incorporate hazard mitigation into the long-range planning and development activities of the county.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities
Estimated Cost:	\$3,500 - \$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Local Planners, MPC
Action/Project Priority:	21 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan, City Budget, Economic Development Plan, Transportation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Hazard mitigation goals & actions have been incorporated into the regional Community & Economic Development Strategy.

	Mitigation actions are part of the LEOP. As local officials become familiar with mitigation and understand how it fits within other planning activities, this action item will continue to expand.
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Action 3.4.3: Encourage the development of a county-wide CERT, COAD and/or VOAD program and educate the public on how they can benefit from these types of programs.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Lack of information on and need for CERT and/or COAD/VOAD programs to help communities prepare for, plan for and recover from disasters.
Hazard(s) Addressed:	All hazards.
Action or Project	
Action/Project Number:	3.4.3
Name of Action or Project:	Promote the development of CERT, COAD, VOAD
Action or Project Description:	Encourage the development of a county-wide CERT and/or COAD/VOAD program and educate the public on how they can benefit from these types of programs.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards and hazard mitigation alternatives that can reduce their vulnerabilities.
Estimated Cost:	\$1,500 - \$5,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD
Action/Project Priority:	28 – High Priority
Timeline for Completion:	5 years to form CERT/COAD/VOAD, awareness – on-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	CERT training has been held in the county and there is an active COAD in the county. However, the CERT team is not currently active. The city would benefit from working to re-invigorate these programs and encouraging them within the city.

Goal 4: Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.

Action 4.1.1: Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication among organizations/agencies for mitigation related planning.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.1
Name of Action or Project:	Encourage joint meetings of different organizations/agencies and continued communication on mitigation.
Action or Project Description:	Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	27 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity. Region I Fire Chiefs meet regularly. The Region I SEMA area coordinator holds quarterly meetings throughout the six-county region, including in Pulaski County. This program could benefit from a more coordinated, focused effort to bring different agencies together to specifically discuss mitigation issues.

Action 4.1.2: Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination among agencies, public, and private entities on disaster training and emergency drills/exercises.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	4.1.2
Name of Action or Project:	Encourage joint training/drills/exercises among all jurisdictions and local businesses.
Action or Project Description:	Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).
Applicable Goal Statement:	Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.
Estimated Cost:	\$1,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, local Emergency Response Agencies
Action/Project Priority:	25 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Jurisdictions, EMDs and emergency response agencies within the city of Dixon and Pulaski County cooperate on training and drills on a regular basis. Fire and police departments regularly train with local school districts. The county fire chief's association meets regularly and do joint training. The Region I SEMA area coordinator works with local entities throughout the six-county area to do at least one exercise each year that is either regional or state-wide. The Pipeline Association of Missouri hosts annual tabletop exercises in the region.

Action 4.1.3: Pool different agency resources to achieve widespread mitigation results.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Lack of resources to carry out mitigation projects
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.3
Name of Action or Project:	Pool different agency resources to achieve widespread mitigation results.
Action or Project Description:	Bring together different agencies and organizations that have similar goals and work together to pool resources to move mitigation projects forward.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP, City Budget
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity and the city is always interested in finding ways to pool resources to achieve mitigation results.

Goal 6: Secure resources for investment in hazard mitigation.

Action 6.1.2: Structure grant proposals for road/bridge upgrades so that hazard mitigation concerns are also met.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Roads/bridges in need of upgrades
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	6.1.2
Name of Action or Project:	Structuring grant proposals to meet mitigation needs.
Action or Project Description:	Structure grant proposals for road/bridge upgrades so that hazard mitigation concerns are also met.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	\$3,500 - \$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City engineer, local grant writers
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, City Budget
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	When resources are available the city tries to incorporate upgrades into all infrastructure projects. However, this is an activity that would benefit from raising awareness of mitigation concerns and remedies. As more local officials become aware of the importance of mitigation and realize that grants can provide opportunities for funding those actions, this activity will become more integrated into local planning.

Action 6.1.3: Work with state/local/federal agencies to include mitigation in all economic and community development projects.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination of mitigation in community development projects and integration of mitigation actions into economic and community development projects.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	6.1.3
Name of Action or Project:	Coordination with state/local/federal agencies to integrate mitigation into economic and community development projects.
Action or Project Description:	Work with state/local/federal agencies to include mitigation into economic and community development projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, local planners, local economic developers, community development organizations, city EMD
Action/Project Priority:	23 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, economic development plans, CEDS
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Progress is being made in this area. Hazard mitigation goals and actions have been incorporated into the regional Community Economic Development Strategy (CEDS). As mitigation awareness grows, additional efforts will be made to incorporate mitigation activities into economic and community development projects.

Action 6.1.4: Encourage local jurisdictions to budget for mitigation projects.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Lack of funding for hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.1.4
Name of Action or Project:	Budgeting for mitigation projects
Action or Project Description:	Encourage local jurisdictions to budget for mitigation projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	23 - H
Timeline for Completion:	5 years to implement and then on-going
Potential Fund Sources:	Local general revenue funds
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, City Budget, CEDS, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	When resources are available, the city tries to make infrastructure improvements that include mitigation. However, this is an activity that would benefit from raising awareness of mitigation concerns and remedies. As more local officials become aware of the importance of mitigation and realize that projects can be accomplished through capital improvements, this activity will become more integrated into local budgeting.

Action 6.2.1: Encourage cities and county to implement cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole.

Action Worksheet	
Name of Jurisdiction:	City of Dixon
Risk / Vulnerability	
Problem being Mitigated:	Lack of cost-share programs with private property owners for hazard mitigation projects.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	6.2.1
Name of Action or Project:	Encourage local mitigation cost-share programs.
Action or Project Description:	Encourage cities and county to implement cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown – dependent upon projects and interest
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, Chief of Public Works
Action/Project Priority:	14 – Medium Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The city will install culverts if the individual pays for the culvert to ensure that installation is done correctly and the culvert is sized correctly. This program could benefit from more organized guidelines and focused efforts if additional funding could be secured.

Richland

Goal 1: Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.

Action 1.1.1: Implement an education program on personal emergency preparedness that teaches residents how to prepare emergency survival kits with water, blankets, flashlights, etc. and how to shut off their home utilities during emergencies; provides them with information on precautions to be taken during threats of natural disasters such as heat waves; and provide information on personal mitigation actions such as building tornado shelters and securing propane tanks. Implement public awareness program about the benefits of hazard mitigation projects, both public and private through press releases and brochures.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Ongoing need to improve public education and awareness of hazards, personal emergency preparedness and the benefits of hazard mitigation.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.1.1
Name of Action or Project:	Public Education and Awareness Program on hazards, personal emergency preparedness and the benefits of hazard mitigation.
Action or Project Description:	Provide information and education to the general public through brochures, press releases, classes, presentations on personal emergency preparedness and the benefits of hazard mitigation.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$1,500 - \$5,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, local emergency response agencies
Action/Project Priority:	27 – High Priority
Timeline for Completion:	1 – 5 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Information is distributed through local offices, at local events and through the media by the county EMD, SEMA, health department and emergency response agencies.

Action 1.2.1: Continue to encourage local governments to budget for and obtain enhanced early warning systems and improved communications systems.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with insufficient early warning systems and improved communications systems.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.2.1
Name of Action or Project:	Improving early warning and communications systems.
Action or Project Description:	Continue to encourage local governments to obtain early warning systems and improve communications systems.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown due to variables – \$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	23 –High Priority
Timeline for Completion:	One to 10 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The city of Richland has four tornado sirens in the community. The school district has a phone/text/email system for sharing information. The community would also benefit from adding a cellphone alert system.

Action 1.2.2: Continue to promote weather radios to local residents and schools to insure advanced warning about threatening weather.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Risks and vulnerabilities associated with lack of early warning systems for severe weather in rural areas of the county.
Hazard(s) Addressed:	Tornadoes, severe winter weather, severe thunderstorm/high winds/lightning/hail, extreme temperatures, flooding
Action or Project	
Action/Project Number:	1.2.2
Name of Action or Project:	Improving early warning for severe weather.
Action or Project Description:	The city should continue to encourage residents to invest in weather radios to improve early warning for severe weather.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$1,500 - \$2,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City Council, city EMD and local fire department
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Although the county has promoted weather radios in the past, there is currently no coordinated effort to encourage residents to purchase weather radios other than the efforts made by fire departments.

Action 1.2.4: Promote the installation of fire alarms/security systems in public buildings.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with fire and inadequate alarms/security systems in public buildings.
Hazard(s) Addressed:	Wildfire
Action or Project	
Action/Project Number:	1.2.4
Name of Action or Project:	Improving fire alarms and security systems in public buildings.
Action or Project Description:	Promote the installation of fire alarms/security systems in public buildings.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	23 –High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The city of Richland does not require fire alarms in public buildings and does not have the resources to enforce codes requiring them.

Action 1.2.5: Acquire backup generators to safeguard the availability of critical services such as electricity, water and emergency services.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with electrical, water and emergency services failure during a disaster.
Hazard(s) Addressed:	Floods and Earthquake
Action or Project	
Action/Project Number:	1.2.5
Name of Action or Project:	Generator backup
Action or Project Description:	Acquire generators to safeguard the availability of critical services such as electricity, water and emergency services.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$5,000 - \$80,000 per generator unit
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City EMD
Action/Project Priority:	23 – High Priority
Timeline for Completion:	5 – 10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Capital improvement plans, LEOP, hazard mitigation plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Richland has two fixed generators that provide backup power for city hall and the police station. The city would like to get generators for the sewer treatment facility.

Action 1.2.7: Monitor developments in data availability concerning the impact of disasters such as dam failure, tornados, sinkholes, land subsidence and wildfire upon Pulaski County and all jurisdictions through local, state and federal agencies for use in hazard mitigation planning.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with lack of data concerning the impact of natural disasters on the County.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	1.2.7
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Monitor developments in data availability concerning the impact of disasters such as dam failure, tornadoes, sinkholes, land subsidence, and wildfire upon Pulaski County and all jurisdictions through local, state, and federal agencies for use in hazard mitigation planning.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	28 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, floodplain ordinance
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Some work has been done on this action item at the state and federal level. Improved data is becoming available for a number of different hazards including dam failure.

Action 1.3.4: Establish designed shelters for residents to be used during tornado threats, as cooling centers during extreme heat or power outages and/or as shelters during other disasters. Encourage the designation of public buildings as safe shelters and develop accessibility plans for the public.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with inadequate shelters for residents during disasters or extreme temperature events
Hazard(s) Addressed:	Tornado, Severe Winter Storm, Severe Weather, Extreme Heat
Action or Project	
Action/Project Number:	1.3.4
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Establish designed shelters for residents to be used during tornado and severe weather threats and as warming or cooling shelters during extreme heat or power outages and/or as shelters during other disasters. Insure that shelters are accessible.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$500 - \$3,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD
Action/Project Priority:	26 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan
Progress Report	
Action Status	Not Started/Continue in Plan Update
	Richland does not have any certified tornado shelters, nor does it have any designated tornado shelters.

Action 1.3.5: Continue to work to increase availability (if necessary construction) of storm shelters for individual families and large groups, including near large employment centers and schools that currently do not have access to tornado safe rooms.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent /unavailable storm shelters for individual families and large groups.
Hazard(s) Addressed:	Tornado
Action or Project	
Action/Project Number:	1.3.5
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Continue to work to increase availability (if necessary, construction) of storm shelters for individual families and large groups, including near large employment centers and schools.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City EMD
Action/Project Priority:	21 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	There are currently no certified tornado shelters in Richland and the community does not currently have the resources to build one.

Goal 2: Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.

Action 2.1.2: Encourage the adoption of minimum standard building codes by all communities that do not currently have them.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities to property and communities in the event of a natural disaster due to substandard construction.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	2.1.2
Name of Action or Project:	Property & Infrastructure Protection
Action or Project Description:	Encourage the adoption of minimum standard building codes by all communities that do not currently have them.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$3,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen
Action/Project Priority:	20 - H
Timeline for Completion:	5 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	City ordinances
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Richland has adopted BOCA building codes and contracts with the city of Waynesville to use their building inspector.

Action 2.2.2: Encourage development of storm water management plans/ordinances in those jurisdictions that do not currently have them and in all new development including unincorporated areas.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flood events in areas that do not possess adequate storm water management plans
Hazard(s) Addressed:	Flood, Severe Weather
Action or Project	
Action/Project Number:	2.2.2
Name of Action or Project:	Encourage development of storm water management plans/ordinances
Action or Project Description:	Encourage development of storm water management plans in those jurisdictions that do not currently have them and in all new developments. and encourage the county to review and strengthen any subdivision ordinances to incorporate mitigation measures such as storm water management.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$5,000 - \$25,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City Engineer, Public Works Director
Action/Project Priority:	23 - H
Timeline for Completion:	10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	Capital Improvement plans, builders plans, transportation plans, ordinances, Hazard Mitigation Plan
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	The city currently does not have the resources available to develop a storm water management plan or ordinances.

Action 2.2.3: Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flooding and unregulated floodplain development.
Hazard(s) Addressed:	Flood, Severe Weather
Action or Project	
Action/Project Number:	2.2.3
Name of Action or Project:	Floodplain management compliance enforcement.
Action or Project Description:	Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$4,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Floodplain manager, Board of Aldermen,
Action/Project Priority:	23 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	Floodplain ordinance, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The city of Richland continues to work to insure compliance with their floodplain ordinance. This is an on-going endeavor and could benefit from additional inspections of floodplain areas and additional education/awareness activities for builders and residents.

Action 2.3.1: Encourage local governments to develop and implement regulations for securing hazardous materials tanks and mobile homes to reduce hazards during storms and flooding.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with unsecured hazardous materials, tanks, and mobile homes during flood, severe weather, or tornado events.
Hazard(s) Addressed:	Flood, Severe Weather, Tornado
Action or Project	
Action/Project Number:	2.3.1
Name of Action or Project:	Encourage the development of regulations or ordinances for securing materials tanks and mobile homes to reduce hazards during storms and flooding.
Action or Project Description:	Encourage local governments to develop and implement regulations and/or ordinances for securing hazardous materials, tanks, and mobile homes to reduce hazards during storms, flooding, and high winds.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$3,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	22 – High Priority
Timeline for Completion:	10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, and services
Local Planning Mechanisms to be Used in Implementation, if any:	City ordinances, LEOP, building codes, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Richland is a member of the NFIP and floodplain management guidelines require that tanks and mobile homes be secured.

Goal 3: Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities.

Action 3.3.1: Re-evaluate the hazard mitigation plan, merge with other community planning and coordinate and integrate hazard mitigation activities, where appropriate, with emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with not regularly reviewing and updating the mitigation plan and incorporating mitigation activities into emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.3.1
Name of Action or Project:	Re-evaluate the hazard mitigation plan and merge with other community planning activities.
Action or Project Description:	Re-evaluate the hazard mitigation plan, merge with other community planning activities and documents and incorporate hazard mitigation into the long-range planning and development activities of the county.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities
Estimated Cost:	\$3,500 - \$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Local Planners, MPC
Action/Project Priority:	21 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan, City Budget, Economic Development Plan, Transportation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Hazard mitigation goals & actions have been incorporated into the regional CEDS. Mitigation actions are part of the LEOP. As local officials become familiar with mitigation & understand how it fits within other planning activities, this action item will expand.

Action 3.4.3: Encourage the development of a county-wide CERT, COAD and/or VOAD program and educate the public on how they can benefit from these types of programs.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Lack of information on and need for CERT and/or COAD/VOAD programs to help communities prepare for, plan for and recover from disasters.
Hazard(s) Addressed:	All hazards.
Action or Project	
Action/Project Number:	3.4.3
Name of Action or Project:	Promote the development of CERT, COAD, VOAD
Action or Project Description:	Encourage the development of a county-wide CERT and/or COAD/VOAD program and educate the public on how they can benefit from these types of programs.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards and hazard mitigation alternatives that can reduce their vulnerabilities.
Estimated Cost:	\$1,500 - \$5,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD
Action/Project Priority:	28 – High Priority
Timeline for Completion:	5 years to form CERT/COAD/VOAD, awareness – on-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	CERT training has been held in the county and there is an active COAD in the county. However, the CERT team is not currently active. The city would benefit from working to re-invigorate these programs and encouraging them within the city.

Goal 4: Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.

Action 4.1.1: Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication among organizations/agencies for mitigation related planning.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.1
Name of Action or Project:	Encourage joint meetings of different organizations/agencies and continued communication on mitigation.
Action or Project Description:	Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	27 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity. Region I Fire Chiefs meet regularly. The Region I SEMA area coordinator holds quarterly meetings throughout the six-county region, including in Pulaski County. This program could benefit from a more coordinated, focused effort to bring different agencies together to specifically discuss mitigation issues.

Action 4.1.2: Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination among agencies, public, and private entities on disaster training and emergency drills/exercises.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	4.1.2
Name of Action or Project:	Encourage joint training/drills/exercises among all jurisdictions and local businesses.
Action or Project Description:	Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).
Applicable Goal Statement:	Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.
Estimated Cost:	\$1,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, local Emergency Response Agencies
Action/Project Priority:	25 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Jurisdictions, EMDs and emergency response agencies within the city of Richland and Pulaski County cooperate on training and drills on a regular basis. Fire and police departments regularly train with local school districts. The county fire chief's association meets regularly and do joint training. The Region I SEMA area coordinator works with local entities throughout the six-county area to do at least one exercise each year that is either regional or state-wide. The Pipeline Association of Missouri hosts annual tabletop exercises in the region.

Action 4.1.3: Pool different agency resources to achieve widespread mitigation results.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Lack of resources to carry out mitigation projects
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.3
Name of Action or Project:	Pool different agency resources to achieve widespread mitigation results.
Action or Project Description:	Bring together different agencies and organizations that have similar goals and work together to pool resources to move mitigation projects forward.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP, City Budget
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity. The city has reported that they are interested in finding ways to pool resources to accomplish mitigation projects.

Goal 5: Establish priorities for reducing risks to the people and their property with emphasis on long-term and maximum benefits to the public rather than short-term benefits of special interests.

Action 5.3.1: Encourage local governments to purchase properties in the floodplain as funds become available and convert that land into public space/recreation area.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with floodplain properties
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	5.3.1
Name of Action or Project:	Government purchase of properties in the floodplain
Action or Project Description:	Encourage local governments to purchase properties in the floodplain as funds become available and convert that land into public space/recreation area.
Applicable Goal Statement:	Establish priorities for reducing risks to the people and their property with emphasis on long-term and maximum benefits to the public rather than short-term benefits of special interests.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include property damage, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Floodplain Manager, Board of Aldermen, City EMD
Action/Project Priority:	23 - H
Timeline for Completion:	Unknown
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, City Budget, Floodplain Management Ordinance
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	To date the city of Richland has not purchased any properties in the floodplain but would consider doing so if the opportunity became available.

Goal 6: Secure resources for investment in hazard mitigation.

Action 6.1.2: Structure grant proposals for road/bridge upgrades so that hazard mitigation concerns are also met.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Roads/bridges in need of upgrades
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	6.1.2
Name of Action or Project:	Structuring grant proposals to meet mitigation needs.
Action or Project Description:	Structure grant proposals for road/bridge upgrades so that hazard mitigation concerns are also met.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	\$3,500 - \$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City engineer, local grant writers
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, City Budget
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	When resources are available the city tries to incorporate upgrades into all infrastructure projects. However, this is an activity that would benefit from raising awareness of mitigation concerns and remedies. As more local officials become aware of the importance of mitigation and realize that grants can provide opportunities for funding those actions, this activity will become more integrated into local planning.

Action 6.1.3: Work with state/local/federal agencies to include mitigation in all economic and community development projects.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination of mitigation in community development projects and integration of mitigation actions into economic and community development projects.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	6.1.3
Name of Action or Project:	Coordination with state/local/federal agencies to integrate mitigation into economic and community development projects.
Action or Project Description:	Work with state/local/federal agencies to include mitigation into economic and community development projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, local planners, local economic developers, community development organizations, city EMD
Action/Project Priority:	23 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, economic development plans, CEDS
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Progress is being made in this area. Hazard mitigation goals and actions have been incorporated into the regional Community Economic Development Strategy (CEDS). As mitigation awareness grows, additional efforts will be made to incorporate mitigation activities into economic and community development projects.

Action 6.1.4: Encourage local jurisdictions to budget for mitigation projects.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Lack of funding for hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.1.4
Name of Action or Project:	Budgeting for mitigation projects
Action or Project Description:	Encourage local jurisdictions to budget for mitigation projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	23 - H
Timeline for Completion:	5 years to implement and then on-going
Potential Fund Sources:	Local general revenue funds
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, City Budget, CEDS, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	When resources are available, the city tries to make infrastructure improvements that include mitigation. However, this is an activity that would benefit from raising awareness of mitigation concerns and remedies. As more local officials become aware of the importance of mitigation and realize that projects can be accomplished through capital improvements, this activity will become more integrated into local budgeting.

Action 6.2.1: Encourage cities and county to implement cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole.

Action Worksheet	
Name of Jurisdiction:	City of Richland
Risk / Vulnerability	
Problem being Mitigated:	Lack of cost-share programs with private property owners for hazard mitigation projects.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	6.2.1
Name of Action or Project:	Encourage local mitigation cost-share programs.
Action or Project Description:	Encourage cities and county to implement cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown – dependent upon projects and interest
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, Chief of Public Works
Action/Project Priority:	14 – Medium Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The city will install culverts if the individual pays for the culvert to ensure that installation is done correctly and the culvert is sized correctly. This program could benefit from more organized guidelines and focused efforts if additional funding could be secured.

St. Robert

Goal 1: Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.

Action 1.1.1: Implement an education program on personal emergency preparedness that teaches residents how to prepare emergency survival kits with water, blankets, flashlights, etc. and how to shut off their home utilities during emergencies; provides them with information on precautions to be taken during threats of natural disasters such as heat waves; and provide information on personal mitigation actions such as building tornado shelters and securing propane tanks. Implement public awareness program about the benefits of hazard mitigation projects, both public and private through press releases and brochures.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Ongoing need to improve public education and awareness of hazards, personal emergency preparedness and the benefits of hazard mitigation.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.1.1
Name of Action or Project:	Public Education and Awareness Program on hazards, personal emergency preparedness and the benefits of hazard mitigation.
Action or Project Description:	Provide information and education to the general public through brochures, press releases, classes, presentations on personal emergency preparedness and the benefits of hazard mitigation.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$1,500 - \$5,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, local emergency response agencies
Action/Project Priority:	27 – High Priority
Timeline for Completion:	1 – 5 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Information is distributed through local offices, at local events and through the media by the county EMD, SEMA, health department and emergency response agencies.

Action 1.2.1: Continue to encourage local governments to budget for and obtain enhanced early warning systems and improved communications systems.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with insufficient early warning systems and improved communications systems.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.2.1
Name of Action or Project:	Improving early warning and communications systems.
Action or Project Description:	Continue to encourage local governments to obtain early warning systems and improve communications systems.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown due to variables – \$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	23 –High Priority
Timeline for Completion:	One to 10 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The city of St. Robert has four tornado sirens in the community. The school district has a phone/text/email system for sharing information. The community also has the Notify Me and RSS cellphone alert systems.

Action 1.2.2: Continue to promote weather radios to local residents and schools to insure advanced warning about threatening weather.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Risks and vulnerabilities associated with lack of early warning systems for severe weather in rural areas of the county.
Hazard(s) Addressed:	Tornadoes, severe winter weather, severe thunderstorm/high winds/lightning/hail, extreme temperatures, flooding
Action or Project	
Action/Project Number:	1.2.2
Name of Action or Project:	Improving early warning for severe weather.
Action or Project Description:	The city should continue to encourage residents to invest in weather radios to improve early warning for severe weather.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$1,500 - \$2,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, city EMD and local fire department
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Although the county has promoted weather radios in the past, there is currently no coordinated effort to encourage residents to purchase weather radios other than the efforts made by fire departments. The city has Notify Me and RSS– phone/text/email warning systems in place for residents.

Action 1.2.4: Promote the installation of fire alarms/security systems in public buildings.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with fire and inadequate alarms/security systems in public buildings.
Hazard(s) Addressed:	Wildfire
Action or Project	
Action/Project Number:	1.2.4
Name of Action or Project:	Improving fire alarms and security systems in public buildings.
Action or Project Description:	Promote the installation of fire alarms/security systems in public buildings.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	23 –High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP
Progress Report	
Action Status	Completed
Report of Progress	The city of St. Robert has ordinances in place that require that public buildings have fire alarms. Other communities in the county do not have ordinances in place.

Action 1.2.5: Acquire backup generators to safeguard the availability of critical services such as electricity, water and emergency services.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with electrical, water and emergency services failure during a disaster.
Hazard(s) Addressed:	Floods and Earthquake
Action or Project	
Action/Project Number:	1.2.5
Name of Action or Project:	Generator backup
Action or Project Description:	Acquire generators to safeguard the availability of critical services such as electricity, water and emergency services.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$5,000 - \$80,000 per generator unit
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City EMD
Action/Project Priority:	23 – High Priority
Timeline for Completion:	5 – 10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Capital improvement plans, LEOP, hazard mitigation plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	St. Robert has backup generators for city hall, the fire department, community center (which serves as the emergency operations center), treatment plant and wells. The ambulance district also has a generator.

Action 1.2.7: Monitor developments in data availability concerning the impact of disasters such as dam failure, tornados, sinkholes, land subsidence and wildfire upon Pulaski County and all jurisdictions through local, state and federal agencies for use in hazard mitigation planning.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with lack of data concerning the impact of natural disasters on the County.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	1.2.7
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Monitor developments in data availability concerning the impact of disasters such as dam failure, tornadoes, sinkholes, land subsidence, and wildfire upon Pulaski County and all jurisdictions through local, state, and federal agencies for use in hazard mitigation planning.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	28 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, floodplain ordinance
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Some work has been done on this action item at the state and federal level. Improved data is becoming available for a number of different hazards including dam failure.

Action 1.3.4: Establish designed shelters for residents to be used during tornado threats, as cooling centers during extreme heat or power outages and/or as shelters during other disasters. Encourage the designation of public buildings as safe shelters and develop accessibility plans for the public.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with inadequate shelters for residents during disasters or extreme temperature events
Hazard(s) Addressed:	Tornado, Severe Winter Storm, Severe Weather, Extreme Heat
Action or Project	
Action/Project Number:	1.3.4
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Establish designed shelters for residents to be used during tornado and severe weather threats and as warming or cooling shelters during extreme heat or power outages and/or as shelters during other disasters. Insure that shelters are accessible.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$500 - \$3,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD
Action/Project Priority:	26 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
	St. Robert does not have any certified tornado shelters. However, the community center serves as a warming and cooling shelter.

Action 1.3.5: Continue to work to increase availability (if necessary construction) of storm shelters for individual families and large groups, including near large employment centers and schools that currently do not have access to tornado safe rooms.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent /unavailable storm shelters for individual families and large groups.
Hazard(s) Addressed:	Tornado
Action or Project	
Action/Project Number:	1.3.5
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Continue to work to increase availability (if necessary, construction) of storm shelters for individual families and large groups, including near large employment centers and schools.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City EMD
Action/Project Priority:	21 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	There are currently no certified tornado shelters in St. Robert and the community does not currently have the resources to build one.

Goal 2: Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.

Action 2.1.2: Encourage the adoption of minimum standard building codes by all communities that do not currently have them.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities to property and communities in the event of a natural disaster due to substandard construction.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	2.1.2
Name of Action or Project:	Property & Infrastructure Protection
Action or Project Description:	Encourage the adoption of minimum standard building codes by all communities that do not currently have them.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$3,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen
Action/Project Priority:	20 - H
Timeline for Completion:	5 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	City ordinances
Progress Report	
Action Status	Completed
Report of Progress	St. Robert has adopted 2006 IBC/IRC building codes and has a building inspector.

Action 2.2.2: Encourage development of storm water management plans/ordinances in those jurisdictions that do not currently have them and in all new development including unincorporated areas.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flood events in areas that do not possess adequate storm water management plans
Hazard(s) Addressed:	Flood, Severe Weather
Action or Project	
Action/Project Number:	2.2.2
Name of Action or Project:	Encourage development of storm water management plans/ordinances
Action or Project Description:	Encourage development of storm water management plans in those jurisdictions that do not currently have them and in all new developments. and encourage the county to review and strengthen any subdivision ordinances to incorporate mitigation measures such as storm water management.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$5,000 - \$25,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City Engineer, Public Works Director
Action/Project Priority:	23 - H
Timeline for Completion:	10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	Capital Improvement plans, builders plans, transportation plans, ordinances, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The city has a stormwater and drainage ordinance in place. Stormwater projects include: installation of stormwater boxes on Kathy Lane and 400 ft of 48" pipe to divert flow from new commercial development; new asphalt and curb and gutter to channel stormwater runoff on Lensman Road; new curb and five driveway replacements on Sawmill Road to address stormwater issues; installed grated trench drain, replaced curb and gutter and two driveways and extended storm water pipe on Opal Street.

Action 2.2.3: Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flooding and unregulated floodplain development.
Hazard(s) Addressed:	Flood, Severe Weather
Action or Project	
Action/Project Number:	2.2.3
Name of Action or Project:	Floodplain management compliance enforcement.
Action or Project Description:	Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$4,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Floodplain manager, Board of Aldermen,
Action/Project Priority:	23 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	Floodplain ordinance, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The city of St. Robert continues to work to insure compliance with their floodplain ordinance. The city is currently undertaking a large -scale project to move its wastewater treatment facility out of the floodplain. This is an on-going endeavor and could benefit from additional inspections of floodplain areas and additional education/awareness activities for builders and residents.

Action 2.3.1: Encourage local governments to develop and implement regulations for securing hazardous materials tanks and mobile homes to reduce hazards during storms and flooding.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with unsecured hazardous materials, tanks, and mobile homes during flood, severe weather, or tornado events.
Hazard(s) Addressed:	Flood, Severe Weather, Tornado
Action or Project	
Action/Project Number:	2.3.1
Name of Action or Project:	Encourage the development of regulations or ordinances for securing materials tanks and mobile homes to reduce hazards during storms and flooding.
Action or Project Description:	Encourage local governments to develop and implement regulations and/or ordinances for securing hazardous materials, tanks, and mobile homes to reduce hazards during storms, flooding, and high winds.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$3,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	22 – High Priority
Timeline for Completion:	10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, and services
Local Planning Mechanisms to be Used in Implementation, if any:	City ordinances, LEOP, building codes, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	St. Robert is a member of the NFIP and floodplain management guidelines require that tanks and mobile homes be secured.

Goal 3: Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities.

Action 3.3.1: Re-evaluate the hazard mitigation plan, merge with other community planning & coordinate & integrate hazard mitigation activities, where appropriate, with emergency operations plans & procedures as well as long-range planning and development activities of each jurisdiction.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with not regularly reviewing and updating the mitigation plan and incorporating mitigation activities into emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.3.1
Name of Action or Project:	Re-evaluate the hazard mitigation plan and merge with other community planning activities.
Action or Project Description:	Re-evaluate the hazard mitigation plan, merge with other community planning activities and documents and incorporate hazard mitigation into the long-range planning and development activities of the county.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities
Estimated Cost:	\$3,500 - \$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Local Planners, MPC
Action/Project Priority:	21 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan, City Budget, Economic Development Plan, Transportation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Hazard mitigation goals & actions have been incorporated into the regional Community & Economic Development Strategy. Mitigation actions are part of the LEOP. As local officials become familiar with mitigation and understand how it fits within other planning activities, this action item will continue to expand.

Action 3.4.3: Encourage the development of a county-wide CERT, COAD and/or VOAD program and educate the public on how they can benefit from these types of programs.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Lack of information on and need for CERT and/or COAD/VOAD programs to help communities prepare for, plan for and recover from disasters.
Hazard(s) Addressed:	All hazards.
Action or Project	
Action/Project Number:	3.4.3
Name of Action or Project:	Promote the development of CERT, COAD, VOAD
Action or Project Description:	Encourage the development of a county-wide CERT and/or COAD/VOAD program and educate the public on how they can benefit from these types of programs.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards and hazard mitigation alternatives that can reduce their vulnerabilities.
Estimated Cost:	\$1,500 - \$5,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD
Action/Project Priority:	28 – High Priority
Timeline for Completion:	5 years to form CERT/COAD/VOAD, awareness – on-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	CERT training has been held in the county and there is an active COAD in the county. However, the CERT team is not currently active. The city would benefit from working to re-invigorate these programs and encouraging them within the city.

Goal 4: Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.

Action 4.1.1: Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication among organizations/agencies for mitigation related planning.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.1
Name of Action or Project:	Encourage joint meetings of different organizations/agencies and continued communication on mitigation.
Action or Project Description:	Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	27 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity. Region I Fire Chiefs meet regularly. The Region I SEMA area coordinator holds quarterly meetings throughout the six-county region, including in Pulaski County. This program could benefit from a more coordinated, focused effort to bring different agencies together to specifically discuss mitigation issues.

Action 4.1.2: Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination among agencies, public, and private entities on disaster training and emergency drills/exercises.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	4.1.2
Name of Action or Project:	Encourage joint training/drills/exercises among all jurisdictions and local businesses.
Action or Project Description:	Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).
Applicable Goal Statement:	Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.
Estimated Cost:	\$1,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, local Emergency Response Agencies
Action/Project Priority:	25 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	St. Robert installed a new fire training site on Plattner Ave. when they built the new fire station. Jurisdictions, EMDs and emergency response agencies within the city of St. Robert and Pulaski County cooperate on training and drills on a regular basis. Fire and police departments regularly train with local school districts. The county fire chief's association meets regularly and do joint training. The Region I SEMA area coordinator works with local entities throughout the six-county area to do at least one exercise each year that is either regional or state-wide. The Pipeline Association of Missouri hosts annual tabletop exercises in the region.

Action 4.1.3: Pool different agency resources to achieve widespread mitigation results.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Lack of resources to carry out mitigation projects
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.3
Name of Action or Project:	Pool different agency resources to achieve widespread mitigation results.
Action or Project Description:	Bring together different agencies and organizations that have similar goals and work together to pool resources to move mitigation projects forward.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP, City Budget
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity. The city has reported that they are interested in finding ways to pool resources to accomplish mitigation projects.

Goal 5: Establish priorities for reducing risks to the people and their property with emphasis on long-term and maximum benefits to the public rather than short-term benefits of special interests.

Action 5.3.1: Encourage local governments to purchase properties in the floodplain as funds become available and convert that land into public space/recreation area.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with floodplain properties
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	5.3.1
Name of Action or Project:	Government purchase of properties in the floodplain
Action or Project Description:	Encourage local governments to purchase properties in the floodplain as funds become available and convert that land into public space/recreation area.
Applicable Goal Statement:	Establish priorities for reducing risks to the people and their property with emphasis on long-term and maximum benefits to the public rather than short-term benefits of special interests.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include property damage, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Floodplain Manager, Board of Aldermen, City EMD
Action/Project Priority:	23 - H
Timeline for Completion:	Unknown
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, City Budget, Floodplain Management Ordinance
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	To date the city of St. Robert has not purchased any properties in the floodplain but would consider doing so if the opportunity became available. The city is in the process of moving its wastewater treatment facility out of the floodplain.

Goal 6: Secure resources for investment in hazard mitigation.

Action 6.1.2: Structure grant proposals for road/bridge upgrades so that hazard mitigation concerns are also met.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Roads/bridges in need of upgrades
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	6.1.2
Name of Action or Project:	Structuring grant proposals to meet mitigation needs.
Action or Project Description:	Structure grant proposals for road/bridge upgrades so that hazard mitigation concerns are also met.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	\$3,500 -\$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City engineer, local grant writers
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, City Budget
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	When resources are available the city tries to incorporate upgrades into all infrastructure projects. New asphalt was laid on Lensman Road to improve stormwater issues. However, this is an activity that would benefit from raising awareness of mitigation concerns and remedies. As more local officials become aware of the importance of mitigation and realize that grants can provide opportunities for funding those actions, this activity will become more integrated into local planning.

Action 6.1.3: Work with state/local/federal agencies to include mitigation in all economic and community development projects.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination of mitigation in community development projects and integration of mitigation actions into economic and community development projects.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	6.1.3
Name of Action or Project:	Coordination with state/local/federal agencies to integrate mitigation into economic and community development projects.
Action or Project Description:	Work with state/local/federal agencies to include mitigation into economic and community development projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, local planners, local economic developers, community development organizations, city EMD
Action/Project Priority:	23 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, economic development plans, CEDS
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Progress is being made in this area. Hazard mitigation goals and actions have been incorporated into the regional Community Economic Development Strategy (CEDS). As mitigation awareness grows, additional efforts will be made to incorporate mitigation activities into economic and community development projects.

Action 6.1.4: Encourage local jurisdictions to budget for mitigation projects.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Lack of funding for hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.1.4
Name of Action or Project:	Budgeting for mitigation projects
Action or Project Description:	Encourage local jurisdictions to budget for mitigation projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	23 - H
Timeline for Completion:	5 years to implement and then on-going
Potential Fund Sources:	Local general revenue funds
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, City Budget, CEDS, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	When resources are available, the city tries to make infrastructure improvements that include mitigation. The city is actively changing out electric poles and main feeder poles for higher rated poles and upgrading the size of overhead mains for load rating. Neighborhood electric poles have been upgraded to higher rated poles and relocated along streets for easier access for repairs. Estimated 3,000 feet of underground power lines and 22 electric vaults have been installed to serve the new well. However, this is an activity that would benefit from raising awareness of mitigation concerns and remedies. As more local officials become aware of the importance of mitigation and realize that projects can be accomplished through capital improvements, this activity will become more integrated into local budgeting.

Action 6.2.1: Encourage cities and county to implement cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole.

Action Worksheet	
Name of Jurisdiction:	City of St. Robert
Risk / Vulnerability	
Problem being Mitigated:	Lack of cost-share programs with private property owners for hazard mitigation projects.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	6.2.1
Name of Action or Project:	Encourage local mitigation cost-share programs.
Action or Project Description:	Encourage cities and county to implement cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown – dependent upon projects and interest
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, Chief of Public Works
Action/Project Priority:	14 – Medium Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The city will install culverts if the individual pays for the culvert to ensure that installation is done correctly and the culvert is sized correctly. This program could benefit from more organized guidelines and focused efforts if additional funding could be secured.

Waynesville

Goal 1: Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.

Action 1.1.1: Implement an education program on personal emergency preparedness that teaches residents how to prepare emergency survival kits with water, blankets, flashlights, etc. and how to shut off their home utilities during emergencies; provides them with information on precautions to be taken during threats of natural disasters such as heat waves; and provide information on personal mitigation actions such as building tornado shelters and securing propane tanks. Implement public awareness program about the benefits of hazard mitigation projects, both public and private through press releases and brochures.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Ongoing need to improve public education and awareness of hazards, personal emergency preparedness and the benefits of hazard mitigation.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.1.1
Name of Action or Project:	Public Education and Awareness Program on hazards, personal emergency preparedness and the benefits of hazard mitigation.
Action or Project Description:	Provide information and education to the general public through brochures, press releases, classes, presentations on personal emergency preparedness and the benefits of hazard mitigation.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$1,500 - \$5,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, local emergency response agencies
Action/Project Priority:	27 – High Priority
Timeline for Completion:	1 – 5 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Information is distributed through local offices, at local events and through the media by the county EMD, SEMA, health department and emergency response agencies.

Action 1.2.1: Continue to encourage local governments to budget for and obtain enhanced early warning systems and improved communications systems.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with insufficient early warning systems and improved communications systems.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.2.1
Name of Action or Project:	Improving early warning and communications systems.
Action or Project Description:	Continue to encourage local governments to obtain early warning systems and improve communications systems.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown due to variables – \$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	23 –High Priority
Timeline for Completion:	One to 10 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The city of Waynesville does not have outdoor tornado sirens but does use CodeRed – a phone/texting/email program – for alerts. The school district also has a phone/text/email system for sharing information.

Action 1.2.2: Continue to promote weather radios to local residents and schools to insure advanced warning about threatening weather.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Risks and vulnerabilities associated with lack of early warning systems for severe weather in rural areas of the county.
Hazard(s) Addressed:	Tornadoes, severe winter weather, severe thunderstorm/high winds/lightning/hail, extreme temperatures, flooding
Action or Project	
Action/Project Number:	1.2.2
Name of Action or Project:	Improving early warning for severe weather.
Action or Project Description:	The city should continue to encourage residents to invest in weather radios to improve early warning for severe weather.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$1,500 - \$2,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City Council, city EMD and local fire department
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Although the county has promoted weather radios in the past, there is currently no coordinated effort to encourage residents to purchase weather radios other than the efforts made by fire departments. The city has CodeRed – a phone/text/email warning system in place for residents.

Action 1.2.4: Promote the installation of fire alarms/security systems in public buildings.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with fire and inadequate alarms/security systems in public buildings.
Hazard(s) Addressed:	Wildfire
Action or Project	
Action/Project Number:	1.2.4
Name of Action or Project:	Improving fire alarms and security systems in public buildings.
Action or Project Description:	Promote the installation of fire alarms/security systems in public buildings.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	23 –High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP
Progress Report	
Action Status	Completed
Report of Progress	The city of Waynesville has a fire alarm requirement for public buildings in the city code.

Action 1.2.5: Acquire backup generators to safeguard the availability of critical services such as electricity, water and emergency services.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with electrical, water and emergency services failure during a disaster.
Hazard(s) Addressed:	Floods and Earthquake
Action or Project	
Action/Project Number:	1.2.5
Name of Action or Project:	Generator backup
Action or Project Description:	Acquire generators to safeguard the availability of critical services such as electricity, water and emergency services.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$5,000 - \$80,000 per generator unit
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City EMD
Action/Project Priority:	23 – High Priority
Timeline for Completion:	5 – 10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Capital improvement plans, LEOP, hazard mitigation plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Waynesville has two fixed generators that provide backup power for sewer treatment plant but would like to get generators for city hall and at least one of the city wells.

Action 1.2.7: Monitor developments in data availability concerning the impact of disasters such as dam failure, tornados, sinkholes, land subsidence and wildfire upon Pulaski County and all jurisdictions through local, state and federal agencies for use in hazard mitigation planning.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with lack of data concerning the impact of natural disasters on the County.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	1.2.7
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Monitor developments in data availability concerning the impact of disasters such as dam failure, tornadoes, sinkholes, land subsidence, and wildfire upon Pulaski County and all jurisdictions through local, state, and federal agencies for use in hazard mitigation planning.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	28 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, floodplain ordinance
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Some work has been done on this action item at the state and federal level. Improved data is becoming available for a number of different hazards including dam failure.

Action 1.3.4: Establish designed shelters for residents to be used during tornado threats, as cooling centers during extreme heat or power outages and/or as shelters during other disasters. Encourage the designation of public buildings as safe shelters and develop accessibility plans for the public.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with inadequate shelters for residents during disasters or extreme temperature events
Hazard(s) Addressed:	Tornado, Severe Winter Storm, Severe Weather, Extreme Heat
Action or Project	
Action/Project Number:	1.3.4
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Establish designed shelters for residents to be used during tornado and severe weather threats and as warming or cooling shelters during extreme heat or power outages and/or as shelters during other disasters. Insure that shelters are accessible.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$500 - \$3,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD
Action/Project Priority:	26 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
	Waynesville has one certified tornado shelters, nor does it have any designated tornado shelters. However, East Elementary School in Waynesville does have a certified tornado shelter.

Action 1.3.5: Continue to work to increase availability (if necessary construction) of storm shelters for individual families and large groups, including near large employment centers and schools that currently do not have access to tornado safe rooms.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent /unavailable storm shelters for individual families and large groups.
Hazard(s) Addressed:	Tornado
Action or Project	
Action/Project Number:	1.3.5
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Continue to work to increase availability (if necessary, construction) of storm shelters for individual families and large groups, including near large employment centers and schools.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City EMD
Action/Project Priority:	21 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	There are currently no certified tornado shelters in Waynesville – other than at East Elementary School - and the community does not currently have the resources to build one.

Goal 2: Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.

Action 2.1.2: Encourage the adoption of minimum standard building codes by all communities that do not currently have them.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities to property and communities in the event of a natural disaster due to substandard construction.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	2.1.2
Name of Action or Project:	Property & Infrastructure Protection
Action or Project Description:	Encourage the adoption of minimum standard building codes by all communities that do not currently have them.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$3,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen
Action/Project Priority:	20 - H
Timeline for Completion:	5 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	City ordinances
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Waynesville has adopted 2006 ICC building codes and has a building inspector. The city has a contract with the city of Richland to provide that community with building inspection services.

Action 2.2.2: Encourage development of storm water management plans/ordinances in those jurisdictions that do not currently have them and in all new development including unincorporated areas.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flood events in areas that do not possess adequate storm water management plans
Hazard(s) Addressed:	Flood, Severe Weather
Action or Project	
Action/Project Number:	2.2.2
Name of Action or Project:	Encourage development of storm water management plans/ordinances
Action or Project Description:	Encourage development of storm water management plans in those jurisdictions that do not currently have them and in all new developments. and encourage the county to review and strengthen any subdivision ordinances to incorporate mitigation measures such as storm water management.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$5,000 - \$25,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City Engineer, Public Works Director
Action/Project Priority:	23 - H
Timeline for Completion:	10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	Capital Improvement plans, builders plans, transportation plans, ordinances, Hazard Mitigation Plan
Progress Report	
Action Status	Completed
Report of Progress	The city has a storm water ordinance in place.

Action 2.2.3: Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flooding and unregulated floodplain development.
Hazard(s) Addressed:	Flood, Severe Weather
Action or Project	
Action/Project Number:	2.2.3
Name of Action or Project:	Floodplain management compliance enforcement.
Action or Project Description:	Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$4,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Floodplain manager, Board of Aldermen,
Action/Project Priority:	23 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	Floodplain ordinance, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The city of Waynesville continues to work to insure compliance with their floodplain ordinance. The city has suffered from a number of severe floods in the last 10 years. This is an on-going endeavor and could benefit from additional education/awareness activities for builders and residents.

Action 2.3.1: Encourage local governments to develop and implement regulations for securing hazardous materials tanks and mobile homes to reduce hazards during storms and flooding.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with unsecured hazardous materials, tanks, and mobile homes during flood, severe weather, or tornado events.
Hazard(s) Addressed:	Flood, Severe Weather, Tornado
Action or Project	
Action/Project Number:	2.3.1
Name of Action or Project:	Encourage the development of regulations or ordinances for securing materials tanks and mobile homes to reduce hazards during storms and flooding.
Action or Project Description:	Encourage local governments to develop and implement regulations and/or ordinances for securing hazardous materials, tanks, and mobile homes to reduce hazards during storms, flooding, and high winds.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on new and existing properties and infrastructure and the local economy.
Estimated Cost:	\$3,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	22 – High Priority
Timeline for Completion:	10 years
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, and services
Local Planning Mechanisms to be Used in Implementation, if any:	City ordinances, LEOP, building codes, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Waynesville is a member of the NFIP and floodplain management guidelines require that tanks and mobile homes be secured.

Goal 3: Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities.

Action 3.3.1: Re-evaluate the hazard mitigation plan, merge with other community planning and coordinate and integrate hazard mitigation activities, where appropriate, with emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with not regularly reviewing and updating the mitigation plan and incorporating mitigation activities into emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.3.1
Name of Action or Project:	Re-evaluate the hazard mitigation plan and merge with other community planning activities.
Action or Project Description:	Re-evaluate the hazard mitigation plan, merge with other community planning activities and documents and incorporate hazard mitigation into the long-range planning and development activities of the county.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities
Estimated Cost:	\$3,500 - \$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Local Planners, MPC
Action/Project Priority:	21 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan, City Budget, Economic Development Plan, Transportation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Hazard mitigation goals & actions have been incorporated into the

	regional Community & Economic Development Strategy. Mitigation actions are part of the LEOP. As local officials become familiar with mitigation and understand how it fits within other planning activities, this action item will continue to expand.
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Action 3.4.3: Encourage the development of a county-wide CERT, COAD and/or VOAD program and educate the public on how they can benefit from these types of programs.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Lack of information on and need for CERT and/or COAD/VOAD programs to help communities prepare for, plan for and recover from disasters.
Hazard(s) Addressed:	All hazards.
Action or Project	
Action/Project Number:	3.4.3
Name of Action or Project:	Promote the development of CERT, COAD, VOAD
Action or Project Description:	Encourage the development of a county-wide CERT and/or COAD/VOAD program and educate the public on how they can benefit from these types of programs.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards and hazard mitigation alternatives that can reduce their vulnerabilities.
Estimated Cost:	\$1,500 - \$5,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD
Action/Project Priority:	28 – High Priority
Timeline for Completion:	5 years to form CERT/COAD/VOAD, awareness – on-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	CERT training has been held in the county and there is an active COAD in the county. However, the CERT team is not currently active. The city would benefit from working to re-invigorate these programs and encouraging them within the city.

Goal 4: Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.

Action 4.1.1: Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication among organizations/agencies for mitigation related planning.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.1
Name of Action or Project:	Encourage joint meetings of different organizations/agencies and continued communication on mitigation.
Action or Project Description:	Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	27 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity. Region I Fire Chiefs meet regularly. The Region I SEMA area coordinator holds quarterly meetings throughout the six-county region, including in Pulaski County. This program could benefit from a more coordinated, focused effort to bring different agencies together to specifically discuss mitigation issues.

Action 4.1.2: Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination among agencies, public, and private entities on disaster training and emergency drills/exercises.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	4.1.2
Name of Action or Project:	Encourage joint training/drills/exercises among all jurisdictions and local businesses.
Action or Project Description:	Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).
Applicable Goal Statement:	Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.
Estimated Cost:	\$1,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, local Emergency Response Agencies
Action/Project Priority:	25 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Jurisdictions, EMDs and emergency response agencies within the city of Waynesville and Pulaski County cooperate on training and drills on a regular basis. Fire and police departments regularly train with local school districts. The county fire chief's association meets regularly and do joint training. The Region I SEMA area coordinator works with local entities throughout the six-county area to do at least one exercise each year that is either regional or state-wide. The Pipeline Association of Missouri hosts annual tabletop exercises in the region.

Action 4.1.3: Pool different agency resources to achieve widespread mitigation results.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Lack of resources to carry out mitigation projects
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.3
Name of Action or Project:	Pool different agency resources to achieve widespread mitigation results.
Action or Project Description:	Bring together different agencies and organizations that have similar goals and work together to pool resources to move mitigation projects forward.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, LEOP, City Budget
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity. The city has reported that they are interested in finding ways to pool resources to accomplish mitigation projects.

Goal 5: Establish priorities for reducing risks to the people and their property with emphasis on long-term and maximum benefits to the public rather than short-term benefits of special interests.

Action 5.3.1: Encourage local governments to purchase properties in the floodplain as funds become available and convert that land into public space/recreation area.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with floodplain properties
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	5.3.1
Name of Action or Project:	Government purchase of properties in the floodplain
Action or Project Description:	Encourage local governments to purchase properties in the floodplain as funds become available and convert that land into public space/recreation area.
Applicable Goal Statement:	Establish priorities for reducing risks to the people and their property with emphasis on long-term and maximum benefits to the public rather than short-term benefits of special interests.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include property damage, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Floodplain Manager, Board of Aldermen, City EMD
Action/Project Priority:	23 - H
Timeline for Completion:	Unknown
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, City Budget, Floodplain Management Ordinance
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Waynesville has purchased two properties in the floodplain and continues to look for opportunities to purchase properties and move residents and businesses out of the floodplain.

Goal 6: Secure resources for investment in hazard mitigation.

Action 6.1.2: Structure grant proposals for road/bridge upgrades so that hazard mitigation concerns are also met.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Roads/bridges in need of upgrades
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	6.1.2
Name of Action or Project:	Structuring grant proposals to meet mitigation needs.
Action or Project Description:	Structure grant proposals for road/bridge upgrades so that hazard mitigation concerns are also met.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	\$3,500 - \$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, City engineer, local grant writers
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, City Budget
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	When resources are available the city tries to incorporate upgrades into all infrastructure projects. After flooding resulted in deaths at a low water crossing in the community, it was replaced with a bridge. However, this is an activity that would benefit from raising awareness of mitigation concerns and remedies. As more local officials become aware of the importance of mitigation and realize that grants can provide opportunities for funding those actions, this activity will become more integrated into local planning.

Action 6.1.3: Work with state/local/federal agencies to include mitigation in all economic and community development projects.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination of mitigation in community development projects and integration of mitigation actions into economic and community development projects.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	6.1.3
Name of Action or Project:	Coordination with state/local/federal agencies to integrate mitigation into economic and community development projects.
Action or Project Description:	Work with state/local/federal agencies to include mitigation into economic and community development projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, local planners, local economic developers, community development organizations, city EMD
Action/Project Priority:	23 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, economic development plans, CEDS
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Progress is being made in this area. Hazard mitigation goals and actions have been incorporated into the regional Community Economic Development Strategy (CEDS). As mitigation awareness grows, additional efforts will be made to incorporate mitigation activities into economic and community development projects.

Action 6.1.4: Encourage local jurisdictions to budget for mitigation projects.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Lack of funding for hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.1.4
Name of Action or Project:	Budgeting for mitigation projects
Action or Project Description:	Encourage local jurisdictions to budget for mitigation projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	City EMD, Board of Aldermen
Action/Project Priority:	23 - H
Timeline for Completion:	5 years to implement and then on-going
Potential Fund Sources:	Local general revenue funds
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, City Budget, CEDS, LEOP
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The city has done several mitigation projects in the wake of major flooding over the last ten years. Projects include one bridge replacement, buyouts of two properties in the floodplain. The city provided match funds for grants to make those projects happen. When resources are available, the city makes infrastructure improvements that include mitigation. As more local officials become aware of the importance of mitigation and realize that projects can be accomplished through capital improvements, this activity will become more integrated into local budgeting.

Action 6.2.1: Encourage cities and county to implement cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole.

Action Worksheet	
Name of Jurisdiction:	City of Waynesville
Risk / Vulnerability	
Problem being Mitigated:	Lack of cost-share programs with private property owners for hazard mitigation projects.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	6.2.1
Name of Action or Project:	Encourage local mitigation cost-share programs.
Action or Project Description:	Encourage cities and county to implement cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown – dependent upon projects and interest
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Board of Aldermen, Chief of Public Works
Action/Project Priority:	14 – Medium Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The city will install culverts if the individual pays for the culvert to ensure that installation is done correctly and the culvert is sized correctly. This program could benefit from more organized guidelines and focused efforts if additional funding could be secured.

Dixon R-I

Goal 1: Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning and hazard mitigation activities.

Action 1.1.8: Encourage the designation of storm shelters and the construction of tornado safe rooms in every school that does not have one.

Action Worksheet	
Name of Jurisdiction:	Dixon R-I
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with insufficient storm shelters and tornado safe rooms in schools that do not have them.
Hazard(s) Addressed:	Tornado, Severe Weather
Action or Project	
Action/Project Number:	1.1.8
Name of Action or Project:	Expansion of storm shelter availability and construction of certified tornado safe rooms.
Action or Project Description:	Encourage the designation of storm shelters and the construction of tornado safe rooms in every school that does not have one.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown due to variables
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent and Board of Education
Action/Project Priority:	21 - H
Timeline for Completion:	5 years to increase the number of storm shelters in the county. 10 years to construct certified tornado safe rooms in each school district.
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, school capital improvement plan, school budget and school crisis management plan
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	No progress has been made. Lack of financial resources for construction continues to be the main obstacle, however, the school district is interested in building safe rooms if funding can be secured.

Action 1.2.7: Monitor developments in data availability concerning the impact of disasters such as dam failure, tornados, sinkholes, land subsidence and wildfire upon Pulaski County and all jurisdictions through local, state and federal agencies for use in hazard mitigation planning.

Action Worksheet	
Name of Jurisdiction:	Dixon R-I
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with lack of data concerning the impact of natural disasters on the County.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	1.2.7
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Monitor developments in data availability concerning the impact of disasters such as dam failure, tornadoes, sinkholes, land subsidence, and wildfire upon Pulaski County and all jurisdictions through local, state, and federal agencies for use in hazard mitigation planning.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	28 – H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Some work has been done on this action item at the state and federal level. Improved data is becoming available for a number of different hazards including dam failure.

Action 1.3.5: Continue to work to increase availability (if necessary construction) of storm shelters for individual families and large groups, including near large employment centers and schools that currently do not have access to tornado safe rooms.

Action Worksheet	
Name of Jurisdiction:	Dixon R-I
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent /unavailable storm shelters for individual families and large groups.
Hazard(s) Addressed:	Tornado
Action or Project	
Action/Project Number:	1.3.5
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Continue to work to increase availability (if necessary, construction) of storm shelters for individual families and large groups, including near large employment centers and schools.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	21 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan, school budget, school crisis management plan and capital improvements plan
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	There are currently no certified tornado shelters in the Dixon school district. The district does not currently have the resources to build one.

Goal 3: Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities.

Action 3.3.1: Re-evaluate the hazard mitigation plan, merge with other community planning and coordinate and integrate hazard mitigation activities, where appropriate, with emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.

Action Worksheet	
Name of Jurisdiction:	Dixon R-I
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with not regularly reviewing and updating the mitigation plan and incorporating mitigation activities into emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.3.1
Name of Action or Project:	Re-evaluate the hazard mitigation plan and merge with other community planning activities.
Action or Project Description:	Re-evaluate the hazard mitigation plan, merge with other community planning activities and documents and incorporate hazard mitigation into the long-range planning and development activities of the county.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities
Estimated Cost:	\$3,500 - \$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	21 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard mitigation plan, district budget, capital improvement plan, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Where applicable, hazard mitigation goals and actions have been incorporated into the LEOP & school crisis management plan. As local officials become familiar with mitigation & understand how it fits within other planning activities, this will continue to expand.

Goal 4: Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.

Action 4.1.1: Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.

Action Worksheet	
Name of Jurisdiction:	Dixon R-I
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication among organizations/agencies for mitigation related planning.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.1
Name of Action or Project:	Encourage joint meetings of different organizations/agencies and continued communication on mitigation.
Action or Project Description:	Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	27 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity that has been embraced by local emergency responders. Region I Fire Chiefs meet regularly. The Region I SEMA area coordinator holds quarterly meetings throughout the six-county region, including in Pulaski County. This program could benefit from a more coordinated, focused effort to bring different agencies together to specifically discuss mitigation issues – especially school districts.

Action 4.1.2: Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).

Action Worksheet	
Name of Jurisdiction:	Dixon R-I
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination among agencies, public, and private entities on disaster training and emergency drills/exercises.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	4.1.2
Name of Action or Project:	Encourage joint training/drills/exercises among all jurisdictions and local businesses.
Action or Project Description:	Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).
Applicable Goal Statement:	Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.
Estimated Cost:	\$1,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	25 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard mitigation plan, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Jurisdictions, EMDs and emergency response agencies within the school district, city of Dixon and Pulaski County cooperate on training and drills on a regular basis. Fire and police departments regularly train with local school districts. The county fire chief's association meets regularly and do joint training. The Region I SEMA area coordinator works with local entities throughout the six-county area to do at least one exercise each year that is either regional or state-wide. The Pipeline Association of Missouri hosts annual tabletop exercises in the region.

Action 4.1.3: Pool different agency resources to achieve widespread mitigation results.

Action Worksheet	
Name of Jurisdiction:	Dixon R-I
Risk / Vulnerability	
Problem being Mitigated:	Lack of resources to carry out mitigation projects
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.3
Name of Action or Project:	Pool different agency resources to achieve widespread mitigation results.
Action or Project Description:	Bring together different agencies and organizations that have similar goals and work together to pool resources to move mitigation projects forward.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, district budget, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity. The school district has reported that they are interested in finding ways to pool resources to accomplish mitigation projects.

Goal 6: Secure resources for investment in hazard mitigation.

Action 6.1.4: Encourage local jurisdictions to budget for mitigation projects.

Action Worksheet	
Name of Jurisdiction:	Dixon R-I
Risk / Vulnerability	
Problem being Mitigated:	Lack of funding for hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.1.4
Name of Action or Project:	Budgeting for mitigation projects
Action or Project Description:	Encourage local jurisdictions to budget for mitigation projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	23 - H
Timeline for Completion:	5 years to implement and then on-going
Potential Fund Sources:	Local general revenue funds
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, district budget, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The district strives to build mitigation into any improvements made to district assets and programs – when the resources are available to do so. As more local officials become aware of the importance of mitigation and realize that projects can be accomplished through capital improvements, this activity will become more integrated into local budgeting.

Crocker R-II

Goal 1: Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning and hazard mitigation activities.

Action 1.1.8: Encourage the designation of storm shelters and the construction of tornado safe rooms in every school that does not have one.

Action Worksheet	
Name of Jurisdiction:	Crocker R-II
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with insufficient storm shelters and tornado safe rooms in schools that do not have them.
Hazard(s) Addressed:	Tornado, Severe Weather
Action or Project	
Action/Project Number:	1.1.8
Name of Action or Project:	Expansion of storm shelter availability and construction of certified tornado safe rooms.
Action or Project Description:	Encourage the designation of storm shelters and the construction of tornado safe rooms in every school that does not have one.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown due to variables
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent and Board of Education
Action/Project Priority:	21 - H
Timeline for Completion:	5 years to increase the number of storm shelters in the county. 10 years to construct certified tornado safe rooms in each school district.
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, school capital improvement plan, school budget and school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Crocker R-II constructed a FEMA certified safe room in 2014 and makes it available to residents of Crocker during tornado and severe weather warnings.

Action 1.2.7: Monitor developments in data availability concerning the impact of disasters such as dam failure, tornados, sinkholes, land subsidence and wildfire upon Pulaski County and all jurisdictions through local, state and federal agencies for use in hazard mitigation planning.

Action Worksheet	
Name of Jurisdiction:	Crocker R-II
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with lack of data concerning the impact of natural disasters on the County.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	1.2.7
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Monitor developments in data availability concerning the impact of disasters such as dam failure, tornadoes, sinkholes, land subsidence, and wildfire upon Pulaski County and all jurisdictions through local, state, and federal agencies for use in hazard mitigation planning.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	28 – H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Some work has been done on this action item at the state and federal level. Improved data is becoming available for a number of different hazards including dam failure.

Action 1.3.5: Continue to work to increase availability (if necessary construction) of storm shelters for individual families and large groups, including near large employment centers and schools that currently do not have access to tornado safe rooms.

Action Worksheet	
Name of Jurisdiction:	Crocker R-II
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent /unavailable storm shelters for individual families and large groups.
Hazard(s) Addressed:	Tornado
Action or Project	
Action/Project Number:	1.3.5
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Continue to work to increase availability (if necessary, construction) of storm shelters for individual families and large groups, including near large employment centers and schools.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	21 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan, school budget, school crisis management plan and capital improvements plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Crocker R-II constructed a FEMA certified tornado shelter in 2014. The shelter serves the school district and is open to local Crocker residents during severe weather and tornado warnings.

Goal 3: Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities.

Action 3.3.1: Re-evaluate the hazard mitigation plan, merge with other community planning and coordinate and integrate hazard mitigation activities, where appropriate, with emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.

Action Worksheet	
Name of Jurisdiction:	Crocker R-II
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with not regularly reviewing and updating the mitigation plan and incorporating mitigation activities into emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.3.1
Name of Action or Project:	Re-evaluate the hazard mitigation plan and merge with other community planning activities.
Action or Project Description:	Re-evaluate the hazard mitigation plan, merge with other community planning activities and documents and incorporate hazard mitigation into the long-range planning and development activities of the county.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities
Estimated Cost:	\$3,500 - \$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	21 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard mitigation plan, district budget, capital improvement plan, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Where applicable, hazard mitigation goals & actions have been incorporated into the LEOP & school crisis management plan. As local officials become familiar with mitigation and understand how it fits within other planning activities, this will continue to expand.

Goal 4: Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.

Action 4.1.1: Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.

Action Worksheet	
Name of Jurisdiction:	Crocker R-II
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication among organizations/agencies for mitigation related planning.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.1
Name of Action or Project:	Encourage joint meetings of different organizations/agencies and continued communication on mitigation.
Action or Project Description:	Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	27 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity that has been embraced by local emergency responders. Region I Fire Chiefs meet regularly. The Region I SEMA area coordinator holds quarterly meetings throughout the six-county region, including in Pulaski County. This program could benefit from a more coordinated, focused effort to bring different agencies together to specifically discuss mitigation issues – especially school districts.

Action 4.1.2: Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).

Action Worksheet	
Name of Jurisdiction:	Crocker R-II
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination among agencies, public, and private entities on disaster training and emergency drills/exercises.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	4.1.2
Name of Action or Project:	Encourage joint training/drills/exercises among all jurisdictions and local businesses.
Action or Project Description:	Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).
Applicable Goal Statement:	Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.
Estimated Cost:	\$1,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	25 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard mitigation plan, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Jurisdictions, EMDs and emergency response agencies within the school district, city of Crocker and Pulaski County cooperate on training and drills on a regular basis. Fire and police departments regularly train with local school districts. The county fire chief's association meets regularly and do joint training. The Region I SEMA area coordinator works with local entities throughout the six-county area to do at least one exercise each year that is either regional or state-wide. The Pipeline Association of Missouri hosts annual tabletop exercises in the region.

Action 4.1.3: Pool different agency resources to achieve widespread mitigation results.

Action Worksheet	
Name of Jurisdiction:	Crocker R-II
Risk / Vulnerability	
Problem being Mitigated:	Lack of resources to carry out mitigation projects
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.3
Name of Action or Project:	Pool different agency resources to achieve widespread mitigation results.
Action or Project Description:	Bring together different agencies and organizations that have similar goals and work together to pool resources to move mitigation projects forward.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, district budget, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity. The school district has reported that they are interested in finding ways to pool resources to accomplish mitigation projects.

Goal 6: Secure resources for investment in hazard mitigation.

Action 6.1.4: Encourage local jurisdictions to budget for mitigation projects.

Action Worksheet	
Name of Jurisdiction:	Crocker R-II
Risk / Vulnerability	
Problem being Mitigated:	Lack of funding for hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.1.4
Name of Action or Project:	Budgeting for mitigation projects
Action or Project Description:	Encourage local jurisdictions to budget for mitigation projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	23 - H
Timeline for Completion:	5 years to implement and then on-going
Potential Fund Sources:	Local general revenue funds
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, district budget, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The district strives to build mitigation into any improvements made to district assets and programs – when the resources are available to do so. As more local officials become aware of the importance of mitigation and realize that projects can be accomplished through capital improvements, this activity will become more integrated into local budgeting.

Swedeborg R-III

Goal 1: Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning and hazard mitigation activities.

Action 1.1.8: Encourage the designation of storm shelters and the construction of tornado safe rooms in every school that does not have one.

Action Worksheet	
Name of Jurisdiction:	Swedeborg R-III
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with insufficient storm shelters and tornado safe rooms in schools that do not have them.
Hazard(s) Addressed:	Tornado, Severe Weather
Action or Project	
Action/Project Number:	1.1.8
Name of Action or Project:	Expansion of storm shelter availability and construction of certified tornado safe rooms.
Action or Project Description:	Encourage the designation of storm shelters and the construction of tornado safe rooms in every school that does not have one.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown due to variables
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent and Board of Education
Action/Project Priority:	21 - H
Timeline for Completion:	5 years to increase the number of storm shelters in the county. 10 years to construct certified tornado safe rooms in each school district.
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, school capital improvement plan, school budget and school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	No progress has been made. Lack of financial resources for construction continues to be the main obstacle, however, the school district is interested in building safe rooms if funding can be secured.

Action 1.2.7: Monitor developments in data availability concerning the impact of disasters such as dam failure, tornados, sinkholes, land subsidence and wildfire upon Pulaski County and all jurisdictions through local, state and federal agencies for use in hazard mitigation planning.

Action Worksheet	
Name of Jurisdiction:	Swedeborg R-III
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with lack of data concerning the impact of natural disasters on the County.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	1.2.7
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Monitor developments in data availability concerning the impact of disasters such as dam failure, tornadoes, sinkholes, land subsidence, and wildfire upon Pulaski County and all jurisdictions through local, state, and federal agencies for use in hazard mitigation planning.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	28 – H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Some work has been done on this action item at the state and federal level. Improved data is becoming available for a number of different hazards including dam failure.

Action 1.3.5: Continue to work to increase availability (if necessary construction) of storm shelters for individual families and large groups, including near large employment centers and schools that currently do not have access to tornado safe rooms.

Action Worksheet	
Name of Jurisdiction:	Swedeborg R-III
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent /unavailable storm shelters for individual families and large groups.
Hazard(s) Addressed:	Tornado
Action or Project	
Action/Project Number:	1.3.5
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Continue to work to increase availability (if necessary, construction) of storm shelters for individual families and large groups, including near large employment centers and schools.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	21 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan, school budget, school crisis management plan and capital improvements plan
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	There are currently no certified tornado shelters in the Swedeborg school district. The district does not currently have the resources to build one.

Goal 3: Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities.

Action 3.3.1: Re-evaluate the hazard mitigation plan, merge with other community planning and coordinate and integrate hazard mitigation activities, where appropriate, with emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.

Action Worksheet	
Name of Jurisdiction:	Swedeborg R-III
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with not regularly reviewing and updating the mitigation plan and incorporating mitigation activities into emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.3.1
Name of Action or Project:	Re-evaluate the hazard mitigation plan and merge with other community planning activities.
Action or Project Description:	Re-evaluate the hazard mitigation plan, merge with other community planning activities and documents and incorporate hazard mitigation into the long-range planning and development activities of the county.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities
Estimated Cost:	\$3,500 - \$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	21 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard mitigation plan, district budget, capital improvement plan, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Where applicable, hazard mitigation goals & actions have been incorporated into the LEOP & school crisis management plan. As local officials become familiar with mitigation and understand how it fits within other planning activities, this will continue to expand.

Goal 4: Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.

Action 4.1.1: Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.

Action Worksheet	
Name of Jurisdiction:	Swedeborg R-III
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication among organizations/agencies for mitigation related planning.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.1
Name of Action or Project:	Encourage joint meetings of different organizations/agencies and continued communication on mitigation.
Action or Project Description:	Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	27 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity that has been embraced by local emergency responders. Region I Fire Chiefs meet regularly. The Region I SEMA area coordinator holds quarterly meetings throughout the six-county region, including in Pulaski County. This program could benefit from a more coordinated, focused effort to bring different agencies together to specifically discuss mitigation issues – especially school districts.

Action 4.1.2: Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).

Action Worksheet	
Name of Jurisdiction:	Swedeborg R-III
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination among agencies, public, and private entities on disaster training and emergency drills/exercises.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	4.1.2
Name of Action or Project:	Encourage joint training/drills/exercises among all jurisdictions and local businesses.
Action or Project Description:	Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).
Applicable Goal Statement:	Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.
Estimated Cost:	\$1,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	25 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard mitigation plan, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Jurisdictions, EMDs and emergency response agencies within the school district, community and Pulaski County cooperate on training and drills on a regular basis. Fire and police departments regularly train with local school districts. The county fire chief's association meets regularly and do joint training. The Region I SEMA area coordinator works with local entities throughout the six-county area to do at least one exercise each year that is either regional or state-wide. The Pipeline Association of Missouri hosts annual tabletop exercises in the region.

Action 4.1.3: Pool different agency resources to achieve widespread mitigation results.

Action Worksheet	
Name of Jurisdiction:	Swedeborg R-III
Risk / Vulnerability	
Problem being Mitigated:	Lack of resources to carry out mitigation projects
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.3
Name of Action or Project:	Pool different agency resources to achieve widespread mitigation results.
Action or Project Description:	Bring together different agencies and organizations that have similar goals and work together to pool resources to move mitigation projects forward.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, district budget, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity. The school district has reported that they are interested in finding ways to pool resources to accomplish mitigation projects.

Goal 6: Secure resources for investment in hazard mitigation.

Action 6.1.4: Encourage local jurisdictions to budget for mitigation projects.

Action Worksheet	
Name of Jurisdiction:	Swedeborg R-III
Risk / Vulnerability	
Problem being Mitigated:	Lack of funding for hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.1.4
Name of Action or Project:	Budgeting for mitigation projects
Action or Project Description:	Encourage local jurisdictions to budget for mitigation projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	23 - H
Timeline for Completion:	5 years to implement and then on-going
Potential Fund Sources:	Local general revenue funds
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, district budget, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The district strives to build mitigation into any improvements made to district assets and programs – when the resources are available to do so. As more local officials become aware of the importance of mitigation and realize that projects can be accomplished through capital improvements, this activity will become more integrated into local budgeting.

Richland R-IV

Goal 1: Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning and hazard mitigation activities.

Action 1.1.8: Encourage the designation of storm shelters and the construction of tornado safe rooms in every school that does not have one.

Action Worksheet	
Name of Jurisdiction:	Richland R-IV
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with insufficient storm shelters and tornado safe rooms in schools that do not have them.
Hazard(s) Addressed:	Tornado, Severe Weather
Action or Project	
Action/Project Number:	1.1.8
Name of Action or Project:	Expansion of storm shelter availability and construction of certified tornado safe rooms.
Action or Project Description:	Encourage the designation of storm shelters and the construction of tornado safe rooms in every school that does not have one.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown due to variables
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent and Board of Education
Action/Project Priority:	21 - H
Timeline for Completion:	5 years to increase the number of storm shelters in the county. 10 years to construct certified tornado safe rooms in each school district.
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, school capital improvement plan, school budget and school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	No progress has been made. Lack of financial resources for construction continues to be the main obstacle, however, the school district is interested in building safe rooms if funding can be secured.

Action 1.2.7: Monitor developments in data availability concerning the impact of disasters such as dam failure, tornados, sinkholes, land subsidence and wildfire upon Pulaski County and all jurisdictions through local, state and federal agencies for use in hazard mitigation planning.

Action Worksheet	
Name of Jurisdiction:	Richland R-IV
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with lack of data concerning the impact of natural disasters on the County.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	1.2.7
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Monitor developments in data availability concerning the impact of disasters such as dam failure, tornadoes, sinkholes, land subsidence, and wildfire upon Pulaski County and all jurisdictions through local, state, and federal agencies for use in hazard mitigation planning.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	28 – H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Some work has been done on this action item at the state and federal level. Improved data is becoming available for a number of different hazards including dam failure.

Action 1.3.5: Continue to work to increase availability (if necessary construction) of storm shelters for individual families and large groups, including near large employment centers and schools that currently do not have access to tornado safe rooms.

Action Worksheet	
Name of Jurisdiction:	Richland R-IV
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent /unavailable storm shelters for individual families and large groups.
Hazard(s) Addressed:	Tornado
Action or Project	
Action/Project Number:	1.3.5
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Continue to work to increase availability (if necessary, construction) of storm shelters for individual families and large groups, including near large employment centers and schools.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	21 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan, school budget, school crisis management plan and capital improvements plan
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	There are currently no certified tornado shelters in the Richland school district. The district does not currently have the resources to build one.

Goal 3: Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities.

Action 3.3.1: Re-evaluate the hazard mitigation plan, merge with other community planning and coordinate and integrate hazard mitigation activities, where appropriate, with emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.

Action Worksheet	
Name of Jurisdiction:	Richland R-IV
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with not regularly reviewing and updating the mitigation plan and incorporating mitigation activities into emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.3.1
Name of Action or Project:	Re-evaluate the hazard mitigation plan and merge with other community planning activities.
Action or Project Description:	Re-evaluate the hazard mitigation plan, merge with other community planning activities and documents and incorporate hazard mitigation into the long-range planning and development activities of the county.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities
Estimated Cost:	\$3,500 - \$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	21 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard mitigation plan, district budget, capital improvement plan, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Where applicable, hazard mitigation goals & actions have been incorporated into the LEOP & school crisis management plan. As local officials become familiar with mitigation & understand how it fits within other planning activities, this will continue to expand.

Goal 4: Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.

Action 4.1.1: Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.

Action Worksheet	
Name of Jurisdiction:	Richland R-IV
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication among organizations/agencies for mitigation related planning.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.1
Name of Action or Project:	Encourage joint meetings of different organizations/agencies and continued communication on mitigation.
Action or Project Description:	Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	27 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity that has been embraced by local emergency responders. Region I Fire Chiefs meet regularly. The Region I SEMA area coordinator holds quarterly meetings throughout the six-county region, including in Pulaski County. This program could benefit from a more coordinated, focused effort to bring different agencies together to specifically discuss mitigation issues – especially school districts.

Action 4.1.2: Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).

Action Worksheet	
Name of Jurisdiction:	Richland R-IV
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination among agencies, public, and private entities on disaster training and emergency drills/exercises.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	4.1.2
Name of Action or Project:	Encourage joint training/drills/exercises among all jurisdictions and local businesses.
Action or Project Description:	Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).
Applicable Goal Statement:	Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.
Estimated Cost:	\$1,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	25 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard mitigation plan, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Jurisdictions, EMDs and emergency response agencies within the school district, community and Pulaski County cooperate on training and drills on a regular basis. Fire and police departments regularly train with local school districts. The county fire chief's association meets regularly and do joint training. The Region I SEMA area coordinator works with local entities throughout the six-county area to do at least one exercise each year that is either regional or state-wide. The Pipeline Association of Missouri hosts annual tabletop exercises in the region.

Action 4.1.3: Pool different agency resources to achieve widespread mitigation results.

Action Worksheet	
Name of Jurisdiction:	Richland R-IV
Risk / Vulnerability	
Problem being Mitigated:	Lack of resources to carry out mitigation projects
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.3
Name of Action or Project:	Pool different agency resources to achieve widespread mitigation results.
Action or Project Description:	Bring together different agencies and organizations that have similar goals and work together to pool resources to move mitigation projects forward.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, district budget, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity. The school district has reported that they are interested in finding ways to pool resources to accomplish mitigation projects.

Goal 6: Secure resources for investment in hazard mitigation.

Action 6.1.4: Encourage local jurisdictions to budget for mitigation projects.

Action Worksheet	
Name of Jurisdiction:	Richland R-IV
Risk / Vulnerability	
Problem being Mitigated:	Lack of funding for hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.1.4
Name of Action or Project:	Budgeting for mitigation projects
Action or Project Description:	Encourage local jurisdictions to budget for mitigation projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	23 - H
Timeline for Completion:	5 years to implement and then on-going
Potential Fund Sources:	Local general revenue funds
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, district budget, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The district strives to build mitigation into any improvements made to district assets and programs – when the resources are available to do so. As more local officials become aware of the importance of mitigation and realize that projects can be accomplished through capital improvements, this activity will become more integrated into local budgeting.

Laquey R-V

Goal 1: Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning and hazard mitigation activities.

Action 1.1.8: Encourage the designation of storm shelters and the construction of tornado safe rooms in every school that does not have one.

Action Worksheet	
Name of Jurisdiction:	Laquey R-V
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with insufficient storm shelters and tornado safe rooms in schools that do not have them.
Hazard(s) Addressed:	Tornado, Severe Weather
Action or Project	
Action/Project Number:	1.1.8
Name of Action or Project:	Expansion of storm shelter availability and construction of certified tornado safe rooms.
Action or Project Description:	Encourage the designation of storm shelters and the construction of tornado safe rooms in every school that does not have one.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown due to variables
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent and Board of Education
Action/Project Priority:	21 - H
Timeline for Completion:	5 years to increase the number of storm shelters in the county. 10 years to construct certified tornado safe rooms in each school district.
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, school capital improvement plan, school budget and school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	No progress has been made. Lack of financial resources for construction continues to be the main obstacle, however, the school district is interested in building safe rooms if funding can be secured.

Action 1.2.7: Monitor developments in data availability concerning the impact of disasters such as dam failure, tornados, sinkholes, land subsidence and wildfire upon Pulaski County and all jurisdictions through local, state and federal agencies for use in hazard mitigation planning.

Action Worksheet	
Name of Jurisdiction:	Laquey R-V
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with lack of data concerning the impact of natural disasters on the County.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	1.2.7
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Monitor developments in data availability concerning the impact of disasters such as dam failure, tornadoes, sinkholes, land subsidence, and wildfire upon Pulaski County and all jurisdictions through local, state, and federal agencies for use in hazard mitigation planning.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	28 – H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Some work has been done on this action item at the state and federal level. Improved data is becoming available for a number of different hazards including dam failure.

Action 1.3.5: Continue to work to increase availability (if necessary construction) of storm shelters for individual families and large groups, including near large employment centers and schools that currently do not have access to tornado safe rooms.

Action Worksheet	
Name of Jurisdiction:	Laquey R-V
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent /unavailable storm shelters for individual families and large groups.
Hazard(s) Addressed:	Tornado
Action or Project	
Action/Project Number:	1.3.5
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Continue to work to increase availability (if necessary, construction) of storm shelters for individual families and large groups, including near large employment centers and schools.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	21 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan, school budget, school crisis management plan and capital improvements plan
Progress Report	
Action Status	Not Started/Continue in Plan Update
Report of Progress	There are currently no certified tornado shelters in the Laquey school district. The district does not currently have the resources to build one.

Goal 3: Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities.

Action 3.3.1: Re-evaluate the hazard mitigation plan, merge with other community planning and coordinate and integrate hazard mitigation activities, where appropriate, with emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.

Action Worksheet	
Name of Jurisdiction:	Laquey R-V
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with not regularly reviewing and updating the mitigation plan and incorporating mitigation activities into emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.3.1
Name of Action or Project:	Re-evaluate the hazard mitigation plan and merge with other community planning activities.
Action or Project Description:	Re-evaluate the hazard mitigation plan, merge with other community planning activities and documents and incorporate hazard mitigation into the long-range planning and development activities of the county.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities
Estimated Cost:	\$3,500 - \$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	21 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard mitigation plan, district budget, capital improvement plan, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Where applicable, hazard mitigation goals & actions have been incorporated into the LEOP & school crisis management plan. As local officials become familiar with mitigation & understand how it fits within other planning activities, this will continue to expand.

Goal 4: Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.

Action 4.1.1: Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.

Action Worksheet	
Name of Jurisdiction:	Laquey R-V
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication among organizations/agencies for mitigation related planning.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.1
Name of Action or Project:	Encourage joint meetings of different organizations/agencies and continued communication on mitigation.
Action or Project Description:	Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	27 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity that has been embraced by local emergency responders. Region I Fire Chiefs meet regularly. The Region I SEMA area coordinator holds quarterly meetings throughout the six-county region, including in Pulaski County. This program could benefit from a more coordinated, focused effort to bring different agencies together to specifically discuss mitigation issues – especially school districts.

Action 4.1.2: Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).

Action Worksheet	
Name of Jurisdiction:	Laquey R-V
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination among agencies, public, and private entities on disaster training and emergency drills/exercises.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	4.1.2
Name of Action or Project:	Encourage joint training/drills/exercises among all jurisdictions and local businesses.
Action or Project Description:	Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).
Applicable Goal Statement:	Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.
Estimated Cost:	\$1,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	25 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard mitigation plan, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Jurisdictions, EMDs and emergency response agencies within the school district, community and Pulaski County cooperate on training and drills on a regular basis. Fire and police departments regularly train with local school districts. The county fire chief's association meets regularly and do joint training. The Region I SEMA area coordinator works with local entities throughout the six-county area to do at least one exercise each year that is either regional or state-wide. The Pipeline Association of Missouri hosts annual tabletop exercises in the region.

Action 4.1.3: Pool different agency resources to achieve widespread mitigation results.

Action Worksheet	
Name of Jurisdiction:	Laquey R-V
Risk / Vulnerability	
Problem being Mitigated:	Lack of resources to carry out mitigation projects
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.3
Name of Action or Project:	Pool different agency resources to achieve widespread mitigation results.
Action or Project Description:	Bring together different agencies and organizations that have similar goals and work together to pool resources to move mitigation projects forward.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, district budget, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity. The school district has reported that they are interested in finding ways to pool resources to accomplish mitigation projects.

Goal 6: Secure resources for investment in hazard mitigation.

Action 6.1.4: Encourage local jurisdictions to budget for mitigation projects.

Action Worksheet	
Name of Jurisdiction:	Laquey R-V
Risk / Vulnerability	
Problem being Mitigated:	Lack of funding for hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.1.4
Name of Action or Project:	Budgeting for mitigation projects
Action or Project Description:	Encourage local jurisdictions to budget for mitigation projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	23 - H
Timeline for Completion:	5 years to implement and then on-going
Potential Fund Sources:	Local general revenue funds
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, district budget, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The district strives to build mitigation into any improvements made to district assets and programs – when the resources are available to do so. As more local officials become aware of the importance of mitigation and realize that projects can be accomplished through capital improvements, this activity will become more integrated into local budgeting.

Waynesville R-VI

Goal 1: Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning and hazard mitigation activities.

Action 1.1.8: Encourage the designation of storm shelters and the construction of tornado safe rooms in every school that does not have one.

Action Worksheet	
Name of Jurisdiction:	Waynesville R-VI
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with insufficient storm shelters and tornado safe rooms in schools that do not have them.
Hazard(s) Addressed:	Tornado, Severe Weather
Action or Project	
Action/Project Number:	1.1.8
Name of Action or Project:	Expansion of storm shelter availability and construction of certified tornado safe rooms.
Action or Project Description:	Encourage the designation of storm shelters and the construction of tornado safe rooms in every school that does not have one.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown due to variables
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent and Board of Education
Action/Project Priority:	21 - H
Timeline for Completion:	5 years to increase the number of storm shelters in the county. 10 years to construct certified tornado safe rooms in each school district.
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, school capital improvement plan, school budget and school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	A FEMA certified tornado safe room was constructed at East Elementary School in 2014. Lack of financial resources for construction continues to be the main obstacle to building additional shelters, however, the school district is interested in building safe rooms if funding can be secured.

Action 1.2.7: Monitor developments in data availability concerning the impact of disasters such as dam failure, tornados, sinkholes, land subsidence and wildfire upon Pulaski County and all jurisdictions through local, state and federal agencies for use in hazard mitigation planning.

Action Worksheet	
Name of Jurisdiction:	Waynesville R-VI
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with lack of data concerning the impact of natural disasters on the County.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	1.2.7
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Monitor developments in data availability concerning the impact of disasters such as dam failure, tornadoes, sinkholes, land subsidence, and wildfire upon Pulaski County and all jurisdictions through local, state, and federal agencies for use in hazard mitigation planning.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	\$2,500 - ?
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	28 – H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Some work has been done on this action item at the state and federal level. Improved data is becoming available for a number of different hazards including dam failure.

Action 1.3.5: Continue to work to increase availability (if necessary construction) of storm shelters for individual families and large groups, including near large employment centers and schools that currently do not have access to tornado safe rooms.

Action Worksheet	
Name of Jurisdiction:	Waynesville R-VI
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent /unavailable storm shelters for individual families and large groups.
Hazard(s) Addressed:	Tornado
Action or Project	
Action/Project Number:	1.3.5
Name of Action or Project:	Reducing Vulnerability of People
Action or Project Description:	Continue to work to increase availability (if necessary, construction) of storm shelters for individual families and large groups, including near large employment centers and schools.
Applicable Goal Statement:	Reduce risks and vulnerabilities of people in hazard-prone areas through current technology, better planning, and hazard mitigation activities.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	21 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, hazard mitigation plan, school budget, school crisis management plan and capital improvements plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	A FEMA certified tornado safe room was constructed at East Elementary School in 2014. Lack of financial resources for construction continues to be the main obstacle to building additional shelters, however, the school district is interested in building safe rooms if funding can be secured.

Goal 3: Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities.

Action 3.3.1: Re-evaluate the hazard mitigation plan, merge with other community planning and coordinate and integrate hazard mitigation activities, where appropriate, with emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.

Action Worksheet	
Name of Jurisdiction:	Waynesville R-VI
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with not regularly reviewing and updating the mitigation plan and incorporating mitigation activities into emergency operations plans and procedures as well as long-range planning and development activities of each jurisdiction.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.3.1
Name of Action or Project:	Re-evaluate the hazard mitigation plan and merge with other community planning activities.
Action or Project Description:	Re-evaluate the hazard mitigation plan, merge with other community planning activities and documents and incorporate hazard mitigation into the long-range planning and development activities of the county.
Applicable Goal Statement:	Promote education, outreach, research and development programs to improve the knowledge and awareness among the citizens and industry about hazards they may face, their vulnerability to identified hazards, and hazard mitigation alternatives that can reduce their vulnerabilities
Estimated Cost:	\$3,500 - \$4,500
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	21 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard mitigation plan, district budget, capital improvement plan, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Where applicable, hazard mitigation goals & actions have been incorporated into the LEOP & school crisis management plan. As local officials become familiar with mitigation & understand how it fits within other planning activities, this will continue to expand.

Goal 4: Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.

Action 4.1.1: Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.

Action Worksheet	
Name of Jurisdiction:	Waynesville R-VI
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication among organizations/agencies for mitigation related planning.
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.1
Name of Action or Project:	Encourage joint meetings of different organizations/agencies and continued communication on mitigation.
Action or Project Description:	Continue to encourage joint meetings of different organizations/agencies for mitigation related planning.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	27 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity that has been embraced by local emergency responders. Region I Fire Chiefs meet regularly. The Region I SEMA area coordinator holds quarterly meetings throughout the six-county region, including in Pulaski County. This program could benefit from a more coordinated, focused effort to bring different agencies together to specifically discuss mitigation issues – especially school districts.

Action 4.1.2: Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).

Action Worksheet	
Name of Jurisdiction:	Waynesville R-VI
Risk / Vulnerability	
Problem being Mitigated:	Lack of synergy/communication/coordination among agencies, public, and private entities on disaster training and emergency drills/exercises.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	4.1.2
Name of Action or Project:	Encourage joint training/drills/exercises among all jurisdictions and local businesses.
Action or Project Description:	Continue to encourage joint training (and drills) between agencies, public and private entities (including schools/businesses).
Applicable Goal Statement:	Strengthen communication and coordinate participation between public agencies, citizens, non-profit organizations, business, and industry to create a widespread interest in mitigation.
Estimated Cost:	\$1,000 - \$10,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	25 - H
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	LEOP, Hazard mitigation plan, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	Jurisdictions, EMDs and emergency response agencies within the school district, Waynesville and Pulaski County cooperate on training and drills on a regular basis. Fire and police departments regularly train with local school districts. The county fire chief's association meets regularly and do joint training. The Region I SEMA area coordinator works with local entities throughout the six-county area to do at least one exercise each year that is either regional or state-wide. The Pipeline Association of Missouri hosts annual tabletop exercises in the region.

Action 4.1.3: Pool different agency resources to achieve widespread mitigation results.

Action Worksheet	
Name of Jurisdiction:	Waynesville R-VI
Risk / Vulnerability	
Problem being Mitigated:	Lack of resources to carry out mitigation projects
Hazard(s) Addressed:	All hazards
Action or Project	
Action/Project Number:	4.1.3
Name of Action or Project:	Pool different agency resources to achieve widespread mitigation results.
Action or Project Description:	Bring together different agencies and organizations that have similar goals and work together to pool resources to move mitigation projects forward.
Applicable Goal Statement:	Strengthen communication and coordinate participation between agencies, stakeholders, jurisdictions, and the public to create widespread interest in mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	24 – High Priority
Timeline for Completion:	On-going
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services.
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, LEOP, district budget, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	This is an on-going activity. The school district has reported that they are interested in finding ways to pool resources to accomplish mitigation projects.

Goal 6: Secure resources for investment in hazard mitigation.

Action 6.1.4: Encourage local jurisdictions to budget for mitigation projects.

Action Worksheet	
Name of Jurisdiction:	Waynesville R-VI
Risk / Vulnerability	
Problem being Mitigated:	Lack of funding for hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.1.4
Name of Action or Project:	Budgeting for mitigation projects
Action or Project Description:	Encourage local jurisdictions to budget for mitigation projects.
Applicable Goal Statement:	Secure resources for investment in hazard mitigation.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damages, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	School Superintendent, Board of Education
Action/Project Priority:	23 - H
Timeline for Completion:	5 years to implement and then on-going
Potential Fund Sources:	Local general revenue funds
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard mitigation plan, district budget, school crisis management plan
Progress Report	
Action Status	In Progress/Continue in Plan Update
Report of Progress	The district strives to build mitigation into any improvements made to district assets and programs – when the resources are available to do so. As more local officials become aware of the importance of mitigation and realize that projects can be accomplished through capital improvements, this activity will become more integrated into local budgeting.