

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 updated by the Mitigation Planning Committee (MPC) based on the [updated] risk assessment. The mitigation strategy was developed through a collaborative group process. The process included review of [updated] 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 McDonald County’s existing hazard mitigation plan approved by FEMA on November 16, 2011. Therefore, the goals from the 2011 McDonald County Hazard Mitigation Plan were reviewed to see if they were still valid, feasible, practical, and applicable to the defined hazard impacts. These goals are listed below:

1. Increase internal capabilities to mitigate the effects of natural hazards.
2. Enhance existing or design new policies that will reduce the potential damaging effects of hazards without hindering other community goals through punitive constraints.
3. Protect entity’s most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
4. Protect public health, safety, and welfare by increasing the public awareness of existing hazards and by fostering both individual and public responsibility in mitigating risks due to those hazards.

The MPC conducted a discussion session during their second and third meetings to review and update the plan goals. To ensure that the goals developed for this update were comprehensive and supported State goals, the previously approved plan's goals (listed above) were reviewed. It was determined that the broadly stated purposes were still valid for the 2016 Update. The MPC agreed that the goals for the 2016 update shall remain the same while at the same with one exception as follows:

- Goal 2, listed above shall be reworded to remove the statement “through punitive constraints”.

Therefore, the mitigation goals for the 2016 update are as follows:

1. Increase internal capabilities to mitigate the effects of natural hazards.
2. Enhance existing or design new policies that will reduce the potential damaging effects of hazards without hindering other community goals.
3. Protect entity's most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
4. Protect public health, safety, and welfare by increasing the public awareness of existing hazards and by fostering both individual and public responsibility in mitigating risks due to those hazards.

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.

As planners assist local planning committees with the update of existing actions and the development of new actions, be sure to clarify for them the difference between mitigation actions and response actions. For example, a response action might be to purchase and develop procedures for placement of barricades at a low water crossing while a related mitigation action would be to elevate the low water crossing. In a perfect world, mitigation would eliminate the need for response. Additionally, all actions should be SMART actions:

- Specific
- Measurable
- Achievable
- Relevant
- Time Bound

During the second MPC meeting, the preliminary results of the risk assessment update were reviewed with the MPC members for review and the key issues were identified for specific hazards. Notable changes in risk since adoption of the previously approved plan were discussed. The second meeting concluded with jurisdictional break-out sessions to discuss the previous mitigation actions for their respective communities. The MPC discussed SEMA's identified funding priorities and the types of mitigation actions generally recognized by FEMA.

The MPC determined to include problem statements in the plan update at the end of each hazard profile, which had not been done in the previously approved plan. The problem statements summarize the risk to the planning area presented by each hazard, and include possible methods to reduce that risk. Use of the problem statements allowed the MPC to recognize new and

innovative strategies for mitigate risks in the planning area.

The focus of Meeting #3 was update of the mitigation strategy. For a comprehensive range of mitigation actions to consider, the MPC reviewed the following information during Meetings #2 and #3:

- A list of actions proposed in the previous mitigation plan, and the current State Plan
- Key issues from the risk assessments
- State priorities established for Hazard Mitigation Assistance grants, and
- Public input during meetings, responses to Data Collection Questionnaires, and public surveys.

At Meeting #3, individual jurisdictions, including school and special districts, were asked to developed final mitigation strategy. They were also 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.

The MPC reviewed the actions from the previously approved plan for progress made since the plan had been adopted, using worksheets included in Appendix ___ of this plan. Prior to Meeting #3, the list of actions for each jurisdiction was emailed to that jurisdiction's MPC representative along with the worksheets. Each jurisdiction was instructed to provide information regarding the "Action Status" with one of the following status choices:

- 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.

The MPC was also asked to come up with at least 1 new action for their respective communities. Based on the status updates, there were 11 completed actions, 9 deleted actions, 36 continuing actions, and 9 new actions.

Table 4.1 provides a summary of the action statuses for each jurisdiction. **Table 4.2** provides a summary of the completed and deleted actions from the previous plan.

Table 4.1. Action Status Summary

Jurisdiction	# of Completed Actions	# of Deleted Actions	# of Continuing Actions	# of New Actions
McDonald County	1	0	12	1
Anderson	1	1	4	0
Goodman	2	1	2	4
Jane	0	3	3	0
Lanagan	2	0	5	0

Noel	0	0	5	0
Pineville	4	1	2	1
Southwest City	1	3		2
McDonald County Schools R-1	0	0	7	1

Table 4.2. Completed and Deleted Actions from the Previous Plan

Completed Actions	Completion Details
McDonald County-11: Inundation maps for dams in Bella Vista AR.	Received inundation maps and a book about the dams.
Anderson-2: Additional outdoor warning sirens.	Siren installed Northwest side of town.
Goodman-1: Repair and install generator at well site.	Generator installed and working.
Goodman-4: Education to residents through handouts and webpage.	Completed.
Lanagan-1: Enforce Codes	City has updated codebook and hired a part-time code enforcer.
Lanagan-2: Storm siren study	Study was completed, sirens can be heard.
Pineville-2: Siren for South and West.	Completed, installed 2012.
Pineville-3: Warming Center.	Built new community center with generator.
Pineville-4: New safe room.	Safe room built at school.
Southwest City-4: Work with school to build a safe room within the community.	Completed in 2014
Noel-3: Get backup power for City offices.	Back-up power generator purchased via state, housed at Noel Fire Dept.
Deleted Actions	Reason for Deletion
Anderson-6: Apply for funding for safe room	Lack of funding, unable to hire Grant Administrator to apply.
Jane-2: Additional outdoor warning siren.	Lack of funding/resources.
Jane-3: NFIP Management Training	Lack of funding/resources.
Jane-5: All hazards education for mitigation, preparedness, response, & recovery.	Lack of funding/resources.
Pineville-8: Apply for funding to replace low-water crossings.	Lack of funding.
Goodman-5: Implement the IRIS system.	Taken over by 911.

Source: Previously approved County Hazard Mitigation Plan; 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 finalize the actions to be submitted for 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 used worksheets to assign scores. The worksheets 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?

The final scores are listed below in the analysis of each action. The worksheets are attached to this plan as Appendix D. The STAPLEE final score for each action, absent other considerations, such as a localized need for a project, determined the priority. Low priority action items were

those that had a total score of between 0 and 24. Moderate priority actions were those scoring between 25 and 29. High priority actions scored 30 or above. A blank STAPLEE worksheet is shown in **Figure 4.1**

Figure 4.1. Blank STAPLEE Worksheet

XXXXXX COUNTY
MULTI-JURISDICTIONAL
LOCAL HAZARD MITIGATION PLAN

Action Title:		Jurisdiction:
Action ID:		
STAPLEE Criteria	Evaluation Rating Definitely YES = 3 Maybe YES = 2 Probably NO = 1 Definitely NO = 0	Score
S: Is it Socially acceptable?		
T: Is it Technically feasible and potentially successful?		
A: Does the jurisdiction have the administrative capacity to execute this action?		
P: Is it Politically acceptable?		
L: Is there Legal authority to implement?		
E: Is it Economically beneficial?		
E: Will the project have either a neutral or positive impact on the natural environment? (score a 3 if positive impact, 2 if neutral impact)		
Will historic structures be saved or protected?		
Could it be implemented quickly?		
STAPLEE Score		

Mitigation Effectiveness Criteria	Evaluation Rating	Score
Will the implemented action result in lives saved?	Assign from 5-10 points based on the likelihood that lives would be saved.	
Will the implemented action result in a reduction of disaster damages?	Assign from 5-10 points based on the relative reduction of disaster damages.	
Mitigation Effectiveness Score		

Total Score (STAPLEE Score + Mitigation Effectiveness Score): _____

Priority Level: ☐ High (30+ points) ☐ Medium (25-29 points) ☐ Low (less than 25 points)

Completed by (name/title/phone #): _____

Updated Mitigation Action Plan

The remainder of this section analyzes each continuing and new action by jurisdiction. This section includes the completed worksheets for each action.

Action Worksheet	
Name of Jurisdiction:	McDonald County, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Flooding
Hazard(s) Addressed:	Flooding
Action or Project	
Action/Project Number:	County-01
Name of Action or Project:	NFIP – Continue Compliance
Action or Project Description:	Restrict/Eliminate development in the existing floodplain and acquire land if necessary.
Applicable Goal Statement:	Protect entity's most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
Estimated Cost:	\$5000 planning + cost of land
Benefits:	Minimize potential for the creation of future flooding problems, improve water quality, and improve the environment
Plan for Implementation	
Responsible Organization/Department:	McDonald County Floodplain Administrator
Action/Project Priority:	High
Timeline for Completion:	Annual review
Potential Fund Sources:	State and federal Agencies
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	New Floodplain Manager appointed, Floodplain Ordinance enforcement continues, floodplain observation each year.
Completed by:	Gregg Sweeten, Emergency Manager

Action Worksheet	
Name of Jurisdiction:	McDonald County, Missouri
Risk / Vulnerability	
Problem being Mitigated:	GIS needed to better Assessor's maps, land purchases
Hazard(s) Addressed:	All
Action or Project	
Action/Project Number:	County-02
Name of Action or Project:	County GIS
Action or Project Description:	GIS needed to better Assessor's maps, land purchases.
Applicable Goal Statement:	Increase internal capabilities to mitigate the effects of natural hazards.
Estimated Cost:	\$5,000
Benefits:	Provide objective overview of actual land useage, reducing litigation cost and increasing efficiencies.
Plan for Implementation	
Responsible Organization/Department:	McDonald County
Action/Project Priority:	Medium
Timeline for Completion:	5 year cycle
Potential Fund Sources:	McDonald County and State and Federal Agencies
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	County purchased and implemented GIS with our county assessor. 2 flyovers have been completed.
Completed by:	Gregg Sweeten, Emergency Manager

Action Worksheet	
Name of Jurisdiction:	McDonald County, Missouri
Risk / Vulnerability	
Problem being Mitigated:	No one community has sufficient resources for every need
Hazard(s) Addressed:	All
Action or Project	
Action/Project Number:	County-03
Name of Action or Project:	Inventory County Emergency Response Services
Action or Project Description:	Inventory all resources annually.
Applicable Goal Statement:	Increase internal capabilities to mitigate the effects of natural hazards.
Estimated Cost:	\$100 per year
Benefits:	Avoid duplication and unnecessary expenditures.
Plan for Implementation	
Responsible Organization/Department:	McDonald County Emergency Management
Action/Project Priority:	Low
Timeline for Completion:	Annual Review
Potential Fund Sources:	State and Federal Agencies and EMPG Funds
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Locals and county officials are contacted and equipment and resources are inventoried annually.
Completed by:	Gregg Sweeten, Emergency Manager

Action Worksheet	
Name of Jurisdiction:	McDonald County, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Public does not understand impact of major disease outbreaks.
Hazard(s) Addressed:	
Action or Project	
Action/Project Number:	County-04
Name of Action or Project:	Educate public on impacts of Major Disease Outbreak
Action or Project Description:	Public does not understand impact of such an outbreak.
Applicable Goal Statement:	Protect public health, safety, and welfare by increasing the public awareness of existing hazards and by fostering both individual and public responsibility in mitigating risks due to those hazards.
Estimated Cost:	\$500 per year
Benefits:	Increased productivity during an outbreak due to prior planning
Plan for Implementation	
Responsible Organization/Department:	McDonald County Health Department
Action/Project Priority:	Medium
Timeline for Completion:	Annual Review
Potential Fund Sources:	State and Federal Agencies and HD Funds
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Health Department continues to promote disease impacts education by constantly putting education materials out to the public. Disease and health education is a high priority for our health department and they continue to provide information to the public.
Completed by:	Gregg Sweeten, Emergency Manager

Action Worksheet	
Name of Jurisdiction:	McDonald County, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Many communities currently do not have access to storm shelters.
Hazard(s) Addressed:	Tornadoes and Severe Thunderstorms
Action or Project	
Action/Project Number:	County-05
Name of Action or Project:	Promote Community Shelters and School Safe rooms
Action or Project Description:	Promote community shelters in existing manufactured/mobile home parks, schools, or other community areas that currently have no access to storm shelters. Consult with and advertise to mobile home park owners, schools, and community leaders to promote use of shelters.
Applicable Goal Statement:	Protect entity's most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
Estimated Cost:	\$100 per year
Benefits:	Decrease loss of life and injuries
Plan for Implementation	
Responsible Organization/Department:	McDonald County Emergency Management
Action/Project Priority:	Low
Timeline for Completion:	Annual Review
Potential Fund Sources:	State and Federal Agencies and EMPG Funds.
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	FEMA storm shelters were built at school locations in Pineville, Anderson, and Southwest City
Completed by:	Gregg Sweeten, Emergency Manager

Action Worksheet	
Name of Jurisdiction:	McDonald County, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Public is underprepared to react to disasters and their consequences.
Hazard(s) Addressed:	All
Action or Project	
Action/Project Number:	County-06
Name of Action or Project:	All-hazards education for mitigation, preparedness, response & recovery.
Action or Project Description:	Present a series of public education forums throughout the county.
Applicable Goal Statement:	Protect public health, safety, and welfare by increasing the public awareness of existing hazards and by fostering both individual and public responsibility in mitigating risks due to those hazards.
Estimated Cost:	\$500 per year
Benefits:	Prepare the public to react to, recover from, and mitigate disaster effects. When the public is prepared losses can be avoided.
Plan for Implementation	
Responsible Organization/Department:	McDonald County Emergency Management
Action/Project Priority:	Medium
Timeline for Completion:	Annual Review
Potential Fund Sources:	State and Federal Agencies and EMPG Funds.
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Education materials and social media education: Continuing to educate the residents and the diverse communities on the above listed phases of emergency management.
Completed by:	Gregg Sweeten, Emergency Manager

Action Worksheet	
Name of Jurisdiction:	McDonald County, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Public doesn't fully understand the effects of severe weather on their life's and property.
Hazard(s) Addressed:	Severe thunderstorms, severe winter weather, tornadoes, extreme heat, drought, flooding.
Action or Project	
Action/Project Number:	County-07
Name of Action or Project:	Educate the Public on the impacts of Severe Weather.
Action or Project Description:	Public needs to understand the effects of severe weather on their life's and property. Continue severe weather classes, advertisement, and handouts.
Applicable Goal Statement:	Protect public health, safety, and welfare by increasing the public awareness of existing hazards and by fostering both individual and public responsibility in mitigating risks due to those hazards.
Estimated Cost:	\$750 per year
Benefits:	Decrease injury, loss of life, and property damage due to proper planning for severe weather.
Plan for Implementation	
Responsible Organization/Department:	McDonald County Emergency Management
Action/Project Priority:	High
Timeline for Completion:	Annual Review
Potential Fund Sources:	State and Federal Agencies and EMPG Funds.
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Very active social media education campaign and weather ready ambassador. Public education events and outreach programs.
Completed by:	Gregg Sweeten, Emergency Manager

Action Worksheet	
Name of Jurisdiction:	McDonald County, Missouri
Risk / Vulnerability	
Problem being Mitigated:	McDonald County public has no warning systems of danger from threats/storms.
Hazard(s) Addressed:	Tornadoes/severe thunderstorms
Action or Project	
Action/Project Number:	County-08
Name of Action or Project:	Increase Warning System coverage to the most feasible extent.
Action or Project Description:	Promote the use of Weather Radios and Sirens and notifications.
Applicable Goal Statement:	Increase internal capabilities to mitigate the effects of natural hazards.
Estimated Cost:	\$500 annually
Benefits:	Provide sufficient warning time for sheltering and protection, reducing injury and loss of life.
Plan for Implementation	
Responsible Organization/Department:	McDonald County Emergency Management
Action/Project Priority:	High
Timeline for Completion:	Annual Review
Potential Fund Sources:	State and Federal Agencies and EMPG Funds.
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	No progress, trying to obtain funding to implement this project.
Completed by:	Gregg Sweeten, Emergency Manager

Action Worksheet	
Name of Jurisdiction:	McDonald County, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Noel and Anderson housing within the floodplain areas as well as some rural homes in floodplain.
Hazard(s) Addressed:	Flooding
Action or Project	
Action/Project Number:	County-09
Name of Action or Project:	Apply for funding to do flood buyouts
Action or Project Description:	Floodplain administrator will apply for funding to buyout areas that have repeated damages.
Applicable Goal Statement:	Enhance existing or design new policies that will reduce the potential damaging effects of hazards without hindering other community goals.
Estimated Cost:	\$300,000 (half of floodplain areas)
Benefits:	Eliminate repetitive loss
Plan for Implementation	
Responsible Organization/Department:	County Floodplain Administrator
Action/Project Priority:	Medium
Timeline for Completion:	5 Years
Potential Fund Sources:	General Funds and grants, FEMA/SEMA
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Very little progress. A few property owners have been able to get some funding to get homes raised above the floodplain.
Completed by:	Gregg Sweeten, Emergency Manager

Action Worksheet	
Name of Jurisdiction:	McDonald County, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Residents do not have flood insurance.
Hazard(s) Addressed:	Flooding
Action or Project	
Action/Project Number:	County-10
Name of Action or Project:	Promote flood insurance to residents in the county
Action or Project Description:	Floodplain administrator will promote flood insurance by verifying flood occurrences and will notify residences of insurance and if repetitive flooding will add to buyout list. Will visit each to encourage and explain how insurance program works. Also explain how to be flood safe.
Applicable Goal Statement:	Enhance existing or design new policies that will reduce the potential damaging effects of hazards without hindering other community goals.
Estimated Cost:	25,000
Benefits:	Less damages to personal property as people learn how to mitigate and campgrounds have less damage with mitigation. More housing insured.
Plan for Implementation	
Responsible Organization/Department:	McDonald County Floodplain Administrator.
Action/Project Priority:	Medium
Timeline for Completion:	Annual review
Potential Fund Sources:	County General Funds
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	We constantly promote floodplain insurance and compliance through public education and education on our ordinance.
Completed by:	Gregg Sweeten, Emergency Manager

Action Worksheet	
Name of Jurisdiction:	McDonald County, Missouri
Risk / Vulnerability	
Problem being Mitigated:	The County does not have enough sheltering during Tornadoes and Strong winds and residents need both the safety of a shelter and the sense of security having one.
Hazard(s) Addressed:	Tornadoes/severe thunderstorms
Action or Project	
Action/Project Number:	County-11
Name of Action or Project:	Apply for Grant funding to assist Homeowners with Saferooms.
Action or Project Description:	County Emergency Manager will apply for funding for individuals who request assistance for tornado shelters.
Applicable Goal Statement:	Protect entity's most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
Estimated Cost:	unknown
Benefits:	Bring both safety and a sense of safety to recipients of the assistance.
Plan for Implementation	
Responsible Organization/Department:	McDonald County Emergency Management
Action/Project Priority:	High
Timeline for Completion:	5 years
Potential Fund Sources:	Individuals will be required to pay their part first, then grant funding.
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Homeowners applied and were denied by the State of Missouri
Completed by:	Gregg Sweeten, Emergency Manager

Action Worksheet	
Name of Jurisdiction:	McDonald County, Missouri
Risk / Vulnerability	
Problem being Mitigated:	There are several low water crossings in McDonald County that are unsafe during Floods.
Hazard(s) Addressed:	Flooding
Action or Project	
Action/Project Number:	County-12
Name of Action or Project:	Apply for FEMA funding to replace low water crossings with bridges.
Action or Project Description:	Floodplain manager, commissioners and Emergency manager will coordinate to apply for grant funding to eliminate low water crossings within the county.
Applicable Goal Statement:	Increase internal capabilities to mitigate the effects of natural hazards.
Estimated Cost:	Unknown, need engineering assistance
Benefits:	Increase accessibility and save lives for residents. Improve infrastructure and reduce property damage for county.
Plan for Implementation	
Responsible Organization/Department:	County Floodplain Manager and Emergency
Action/Project Priority:	High
Timeline for Completion:	5 year review
Potential Fund Sources:	FEMA/SEMA and road and bridge funds
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Several low water bridges have been replaced by the county commission over the past 5 years. More are in need of replacing.
Completed by:	Gregg Sweeten, Emergency Manager

Action Worksheet	
Name of Jurisdiction:	McDonald County, Missouri
Risk / Vulnerability	
Problem being Mitigated:	There are currently no saferooms at Jane and Rocky Comfort.
Hazard(s) Addressed:	Severe storms and tornadoes
Action or Project	
Action/Project Number:	County-13
Name of Action or Project:	County Saferooms
Action or Project Description:	Build 2 new saferooms at 2 local locations
Applicable Goal Statement:	Protect entity's most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
Estimated Cost:	\$3,000,000.00
Benefits:	Provide life safety for residents from severe storms and tornadoes
Plan for Implementation	
Responsible Organization/Department:	McDonald County and FEMA
Action/Project Priority:	High
Timeline for Completion:	5 years
Potential Fund Sources:	FEMA
Local Planning Mechanisms to be Used in Implementation, if any:	Population survey
Progress Report	
Action Status	New
Report of Progress	
Completed by:	Gregg Sweeten, Emergency Manager

Action Worksheet	
Name of Jurisdiction:	Anderson, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Water and sewer system failure during extended power outages.
Hazard(s) Addressed:	power outages due to extreme weather events
Action or Project	
Action/Project Number:	Anderson-01
Name of Action or Project:	Purchase Generator
Action or Project Description:	Looking for surplus or used generator that can fulfill this need.
Applicable Goal Statement:	
Estimated Cost:	15,000
Benefits:	Prevent water loss and sewer backups and increase fire protection.
Plan for Implementation	
Responsible Organization/Department:	City Council and Emergency Management.
Action/Project Priority:	High
Timeline for Completion:	unknown
Potential Fund Sources:	unknown
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Received bids on generator/engineering for site placement. Specifications wrote and plans being completed.
Completed by:	Andi Browning, City Clerk

Action Worksheet	
Name of Jurisdiction:	Anderson, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Some areas of town are within the floodplain.
Hazard(s) Addressed:	Flooding
Action or Project	
Action/Project Number:	Anderson-02
Name of Action or Project:	Enforcement of NFIP
Action or Project Description:	Mayor reviews all building within the city to prevent building within the floodplain.
Applicable Goal Statement:	Protect entity's most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
Estimated Cost:	\$100
Benefits:	Prevent flood damages to buildings.
Plan for Implementation	
Responsible Organization/Department:	City Council/mayor and Floodplain administrator.
Action/Project Priority:	High
Timeline for Completion:	Ongoing
Potential Fund Sources:	general budget
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	New floodplain administrator appointed. Identify properties at risk.
Completed by:	Andi Browning, City Clerk

Action Worksheet	
Name of Jurisdiction:	Anderson, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Unsafe building.
Hazard(s) Addressed:	All
Action or Project	
Action/Project Number:	Anderson-03
Name of Action or Project:	Active Building Code Enforcement
Action or Project Description:	Residents and builders need guidance to follow to have building fire, electrical and structural safety.
Applicable Goal Statement:	Enhance existing or design new policies that will reduce the potential damaging effects of hazards without hindering other community goals.
Estimated Cost:	5,000
Benefits:	Proper enforcement prevents shoddy building problems and keeps residents safer (future residents and buildings)
Plan for Implementation	
Responsible Organization/Department:	City building inspector
Action/Project Priority:	High
Timeline for Completion:	Ongoing
Potential Fund Sources:	general budget
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Building inspector hired and permit process refined, Inspecting all new construction and remodels.
Completed by:	Andi Browning, City Clerk

Action Worksheet	
Name of Jurisdiction:	Anderson, Missouri
Risk / Vulnerability	
Problem being Mitigated:	People tend to ignore hazards and hazard warnings.
Hazard(s) Addressed:	All
Action or Project	
Action/Project Number:	Anderson-04
Name of Action or Project:	All-Hazards education for Mitigation, Preparedness, Response & Recovery.
Action or Project Description:	Emergency Manager and Fire Dept will see that pertinent flyers out put out at City Hall and Fire Dept. Also, Meetings will be held 4 times a year educating the public of hazards and ways to mitigate those hazards.
Applicable Goal Statement:	Protect public health, safety, and welfare by increasing the public awareness of existing hazards and by fostering both individual and public responsibility in mitigating risks due to those hazards.
Estimated Cost:	1,500
Benefits:	Prevent loss of life and mitigate damages done to property.
Plan for Implementation	
Responsible Organization/Department:	Fire Department and Emergency Manager.
Action/Project Priority:	High
Timeline for Completion:	Annual Review
Potential Fund Sources:	general funds
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Fire prevention training, bike safety, carbon monoxide training conducted annually. Adding more training as able.
Completed by:	Andi Browning, City Clerk

Action Worksheet	
Name of Jurisdiction:	Goodman, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Building in floodplain.
Hazard(s) Addressed:	Flooding
Action or Project	
Action/Project Number:	Goodman-01
Name of Action or Project:	Continue NFIP compliance
Action or Project Description:	Current Minimum federal requirements prevent residents from building in floodplain. See that residents don't build in the floodplain.
Applicable Goal Statement:	Protect entity's most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
Estimated Cost:	Figured into cost of inspection for Housing which goes to inspector
Benefits:	Prevents housing from flooding issues.
Plan for Implementation	
Responsible Organization/Department:	Building Inspector
Action/Project Priority:	Low
Timeline for Completion:	Ongoing
Potential Fund Sources:	General budget
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuous
Report of Progress	Ongoing
Completed by:	Karla McNorton, City Clerk

Action Worksheet	
Name of Jurisdiction:	Goodman, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Building codes
Hazard(s) Addressed:	All
Action or Project	
Action/Project Number:	Goodman-02
Name of Action or Project:	Adopt IBC and IRC ordinance and Enforce these codes
Action or Project Description:	Enforcement of City Codes, to protect citizens by building safer buildings.
Applicable Goal Statement:	Enhance existing or design new policies that will reduce the potential damaging effects of hazards without hindering other community goals.
Estimated Cost:	The City purchased both books for the amount of \$261.00. To print sections of the code book the cost will be .10¢ a page.
Benefits:	Build safer homes and businesses within the City.
Plan for Implementation	
Responsible Organization/Department:	City building Inspector.
Action/Project Priority:	Medium
Timeline for Completion:	ongoing
Potential Fund Sources:	general funding
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuous
Report of Progress	Nothing at this time, hope to complete in the future.
Completed by:	Karla McNorton, City Clerk

Action Worksheet	
Name of Jurisdiction:	Goodman, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Keep people from contaminating the city's water supply
Hazard(s) Addressed:	
Action or Project	
Action/Project Number:	Goodman-03
Name of Action or Project:	Water Tower Safety
Action or Project Description:	Install a 6 foot high chain link fence with barb wire around the well house at 203 W Barlow St to deter people from contaminating the city's water supply.
Applicable Goal Statement:	
Estimated Cost:	4,000
Benefits:	loss of water and poisoning could be avoided.
Plan for Implementation	
Responsible Organization/Department:	City of Goodman Board of Alderman.
Action/Project Priority:	High
Timeline for Completion:	90 days
Potential Fund Sources:	City funds
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	New
Report of Progress	
Completed by:	Karla McNorton, City Clerk

Action Worksheet	
Name of Jurisdiction:	Goodman, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Community has no storm shelter.
Hazard(s) Addressed:	tornado and high winds
Action or Project	
Action/Project Number:	Goodman-04
Name of Action or Project:	Community Tornado Shelter
Action or Project Description:	To get with the Neosho School District about installing a tornado shelter in the Goodman Elementary School that can also be used as a community tornado shelter.
Applicable Goal Statement:	Protect entity's most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
Estimated Cost:	unknown
Benefits:	Safe place for students and citizens of the community. Prevent loss of life.
Plan for Implementation	
Responsible Organization/Department:	Board of Alderman and Neosho School District.
Action/Project Priority:	High
Timeline for Completion:	unknown
Potential Fund Sources:	City funds, school district funds, possible financing.
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	New
Report of Progress	
Completed by:	Karla McNorton, City Clerk

Action Worksheet	
Name of Jurisdiction:	Goodman, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Community needs storm sirens.
Hazard(s) Addressed:	Tornadoes
Action or Project	
Action/Project Number:	Goodman-05
Name of Action or Project:	Tornado siren North
Action or Project Description:	Notify more citizens of potential tornadoes in the area. Put a tornado siren on the north side of town.
Applicable Goal Statement:	
Estimated Cost:	15,000
Benefits:	Notify the citizens of tornadoes in the area and lower the risk of loss of life.
Plan for Implementation	
Responsible Organization/Department:	Board of Alderman City of Goodman.
Action/Project Priority:	High
Timeline for Completion:	unknown
Potential Fund Sources:	unknown
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	New
Report of Progress	
Completed by:	Karla McNorton, City Clerk

Action Worksheet	
Name of Jurisdiction:	Goodman, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Community needs storm sirens.
Hazard(s) Addressed:	Tornadoes
Action or Project	
Action/Project Number:	Goodman-06
Name of Action or Project:	Tornado siren South
Action or Project Description:	Notify more citizens of potential tornadoes in the area. Put a tornado siren on the south side of town.
Applicable Goal Statement:	
Estimated Cost:	15,000
Benefits:	Notify the citizens of tornadoes in the area and lower the risk of loss of life.
Plan for Implementation	
Responsible Organization/Department:	Board of Alderman City of Goodman.
Action/Project Priority:	High
Timeline for Completion:	unknown
Potential Fund Sources:	unknown
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	New
Report of Progress	
Completed by:	Karla McNorton, City Clerk

Action Worksheet	
Name of Jurisdiction:	Jane, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Fire Protection Department has informed City that there is a high level risk to homes because of proximity to Wildland.
Hazard(s) Addressed:	wildfires
Action or Project	
Action/Project Number:	Jane-01
Name of Action or Project:	Increase homeowner education on wildfire mitigation in wildland-urban interface.
Action or Project Description:	City will provide educational materials about the risks and possible corrective actions to mitigate these risks.
Applicable Goal Statement:	Protect public health, safety, and welfare by increasing the public awareness of existing hazards and by fostering both individual and public responsibility in mitigating risks due to those hazards.
Estimated Cost:	40.0
Benefits:	To inform and educate and hopefully people will mitigate fire risks.
Plan for Implementation	
Responsible Organization/Department:	Fire Department and MDC
Action/Project Priority:	Medium
Timeline for Completion:	Annual Review
Potential Fund Sources:	general budget
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Ongoing
Completed by:	Bill Martin, Trustee

Action Worksheet	
Name of Jurisdiction:	Jane, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Unsafe building
Hazard(s) Addressed:	tornado/high winds/fire
Action or Project	
Action/Project Number:	Jane-02
Name of Action or Project:	Active Building Code Enforcement
Action or Project Description:	If housing stock is built to IBC standards it faces less risk of tornado/ wind damages as well as other risks
Applicable Goal Statement:	Protect entity's most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
Estimated Cost:	inspection and permit cost paid by resident
Benefits:	Proper enforcement prevents shoddy building problems and keeps residents safer (future residents and buildings).
Plan for Implementation	
Responsible Organization/Department:	Building Inspector/City Clerk
Action/Project Priority:	Medium
Timeline for Completion:	ongoing
Potential Fund Sources:	General funds
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Ongoing
Completed by:	Bill Martin, Trustee

Action Worksheet	
Name of Jurisdiction:	Jane, Missouri
Risk / Vulnerability	
Problem being Mitigated:	
Hazard(s) Addressed:	Flooding
Action or Project	
Action/Project Number:	Jane-03
Name of Action or Project:	Eliminate 2 low water crossings
Action or Project Description:	School bus route on Old-88 Rd, must Drive $\frac{3}{4}$ mile around during wet weather. Crossing on Hackberry Lane is the only route for 9 homes, no one can safely leave during high water. Pursue funding for replacement of the crossings.
Applicable Goal Statement:	Increase internal capabilities to mitigate the effects of natural hazards
Estimated Cost:	unknown
Benefits:	Protect life
Plan for Implementation	
Responsible Organization/Department:	Trustees
Action/Project Priority:	High
Timeline for Completion:	unknown
Potential Fund Sources:	unknown
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	No progress due to lack of funding.
Completed by:	Bill Martin, Trustee

Action Worksheet	
Name of Jurisdiction:	Lanagan, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Lack of code enforcement.
Hazard(s) Addressed:	fires/tornadoes/high winds
Action or Project	
Action/Project Number:	Lanagan-01
Name of Action or Project:	Enforce Codes
Action or Project Description:	Look into how other cities' enforce their codes and then hire or have a council member become enforcement officer.
Applicable Goal Statement:	Protect entity's most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
Estimated Cost:	unknown
Benefits:	Homes and businesses will be safer with less fire hazards
Plan for Implementation	
Responsible Organization/Department:	City Council
Action/Project Priority:	High
Timeline for Completion:	ongoing
Potential Fund Sources:	general budget and fees
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Updated code book and hired a part time code enforcement officer. Continue to enforce building codes for new construction and remodels.
Completed by:	Monica Blue, City Clerk

Action Worksheet	
Name of Jurisdiction:	Lanagan, Missouri
Risk / Vulnerability	
Problem being Mitigated:	It is unknown if all residents can hear storm siren.
Hazard(s) Addressed:	Tornadoes and high winds
Action or Project	
Action/Project Number:	Lanagan-02
Name of Action or Project:	Storm Siren Study
Action or Project Description:	It is unknown if all residents can hear storm siren. Will contact McDonald County Emergency Management for assistance in doing the study.
Applicable Goal Statement:	
Estimated Cost:	unknown
Benefits:	Know status of sirens and then can make plans for expansion if necessary. Lower risk of loss of life.
Plan for Implementation	
Responsible Organization/Department:	City Clerk and County Emergency Management
Action/Project Priority:	High
Timeline for Completion:	ongoing
Potential Fund Sources:	General funds
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Study was completed and sirens can be heard. Continue conducting periodic test to make sure they can be heard.
Completed by:	Monica Blue, City Clerk

Action Worksheet	
Name of Jurisdiction:	Lanagan, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Residents need to know of the possible hazards and how they are expected to respond.
Hazard(s) Addressed:	All
Action or Project	
Action/Project Number:	Lanagan-03
Name of Action or Project:	Public Education of Businesses, homeowners, and residents
Action or Project Description:	Use SEMA handouts to explain various hazards as well as how residents should respond to them.
Applicable Goal Statement:	Protect public health, safety, and welfare by increasing the public awareness of existing hazards and by fostering both individual and public responsibility in mitigating risks due to those hazards.
Estimated Cost:	80
Benefits:	Residents will be educated on the various hazards that are possible and should prevent injuries, death, or property damage.
Plan for Implementation	
Responsible Organization/Department:	City Clerk
Action/Project Priority:	Medium
Timeline for Completion:	2 times a year
Potential Fund Sources:	city budget
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Ongoing with updated material on emergency actions.
Completed by:	Monica Blue, City Clerk

Action Worksheet	
Name of Jurisdiction:	Lanagan, Missouri
Risk / Vulnerability	
Problem being Mitigated:	People will build in floodplain (near Elk River) without regulations.
Hazard(s) Addressed:	Flooding
Action or Project	
Action/Project Number:	Lanagan-04
Name of Action or Project:	NFIP - Apply
Action or Project Description:	Restrict/Eliminate development in the existing floodplain.
Applicable Goal Statement:	Protect entity's most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
Estimated Cost:	unknown
Benefits:	Potential for residents to participate in Flood insurance. Prevent property damage to new development by restricting development in the floodplain.
Plan for Implementation	
Responsible Organization/Department:	City Council/mayor
Action/Project Priority:	High
Timeline for Completion:	unknown
Potential Fund Sources:	general budget
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Not sure if this has ever been addressed, no new building done. Lack of funding.
Completed by:	Monica Blue, City Clerk

Action Worksheet	
Name of Jurisdiction:	Lanagan, Missouri
Risk / Vulnerability	
Problem being Mitigated:	School bus has to cross low crossing and no one can enter or leave area without driving over 10 miles around during wet weather.
Hazard(s) Addressed:	
Action or Project	
Action/Project Number:	Lanagan-05
Name of Action or Project:	Low water crossing elimination
Action or Project Description:	Pursue funding for replacement of the crossing.
Applicable Goal Statement:	Protect entity's most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
Estimated Cost:	unknown
Benefits:	protect life and property
Plan for Implementation	
Responsible Organization/Department:	City Council
Action/Project Priority:	High
Timeline for Completion:	unknown
Potential Fund Sources:	Grants and street funds, FEMA/SEMA
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Grants and street funds, FEMA/SEMA
Report of Progress	No progress due to lack of funding.
Completed by:	Monica Blue, City Clerk

Action Worksheet	
Name of Jurisdiction:	Noel, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Dam ownership is now unknown. It needs stabilization to prevent failure.
Hazard(s) Addressed:	Dam Failure
Action or Project	
Action/Project Number:	Noel-01
Name of Action or Project:	Assist State in finding ownership of local dam and assist with stabilization of dam
Action or Project Description:	Contact DNR to work out ownership, and assist if necessary to stabilize.
Applicable Goal Statement:	Protect entity's most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
Estimated Cost:	unknown
Benefits:	Stabilize Dam to prevent collapse and flooding (probably 35 homes and 3 businesses would be protected)- Dam provides lake used by tourist industry.
Plan for Implementation	
Responsible Organization/Department:	City Mayor
Action/Project Priority:	High
Timeline for Completion:	ongoing
Potential Fund Sources:	general budget
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Dam was once power generator for city of Noel. In the 1980s Lake was drained and dam semi-repaired. Mayor would like to have lake drained again. Lake went up to 20ft in town from an average of 4-5 ft.
Completed by:	John Lafley, Mayor

Action Worksheet	
Name of Jurisdiction:	Noel, Missouri
Risk / Vulnerability	
Problem being Mitigated:	No warning system is in town.
Hazard(s) Addressed:	tornadoes and high winds
Action or Project	
Action/Project Number:	Noel-02
Name of Action or Project:	Apply for a Grant for a Storm Siren
Action or Project Description:	Grant administrator will apply for grant.
Applicable Goal Statement:	Increase internal capabilities to mitigate the effects of natural hazards.
Estimated Cost:	unknown
Benefits:	Give citizens and seasonal tourist time to seek shelter.
Plan for Implementation	
Responsible Organization/Department:	Grant administrator
Action/Project Priority:	High
Timeline for Completion:	ongoing
Potential Fund Sources:	grant
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Noel applied for grant.
Completed by:	John Lafley, Mayor

Action Worksheet	
Name of Jurisdiction:	Noel, Missouri
Risk / Vulnerability	
Problem being Mitigated:	People will build in floodplain (near Elk River) without regulations.
Hazard(s) Addressed:	Flooding
Action or Project	
Action/Project Number:	Noel-03
Name of Action or Project:	NFIP - Continue Compliance
Action or Project Description:	Restrict/Eliminate development in the existing floodplain.
Applicable Goal Statement:	
Estimated Cost:	unknown
Benefits:	Minimize potential for the creation of future flooding problems to buildings.
Plan for Implementation	
Responsible Organization/Department:	Protect entity's most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
Action/Project Priority:	High
Timeline for Completion:	ongoing
Potential Fund Sources:	general funds
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	unknown
Completed by:	John Lafley, Mayor

Action Worksheet	
Name of Jurisdiction:	Noel, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Noel has 3 low water crossings that impede Emergency responding and low water crossings are safety issues as some people ignore the drown warnings and don't turn around.
Hazard(s) Addressed:	Flooding
Action or Project	
Action/Project Number:	Noel-04
Name of Action or Project:	Apply for federal funding to replace low water crossings
Action or Project Description:	Mayor will get engineering to review and then apply for funding help.
Applicable Goal Statement:	Protect entity's most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
Estimated Cost:	unknown
Benefits:	Prevent deaths and maintain traffic flow for emergency services.
Plan for Implementation	
Responsible Organization/Department:	City Council
Action/Project Priority:	High
Timeline for Completion:	ongoing
Potential Fund Sources:	General and street funds and grant funding
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	unknown
Completed by:	John Lafley, Mayor

Action Worksheet	
Name of Jurisdiction:	Pineville, Missouri
Risk / Vulnerability	
Problem being Mitigated:	People are not aware of flood insurance Benefits.
Hazard(s) Addressed:	Flooding
Action or Project	
Action/Project Number:	Pineville-01
Name of Action or Project:	Public Education including Flood Insurance Promotion
Action or Project Description:	Send notices via Mayors letter to citizens.
Applicable Goal Statement:	Protect public health, safety, and welfare by increasing the public awareness of existing hazards and by fostering both individual and public responsibility in mitigating risks due to those hazards.
Estimated Cost:	Yearly cost \$450
Benefits:	Provide the citizens with information about flood insurance and their need for it if they are within the Flood Plain. Reduce risk of property damage/loss.
Plan for Implementation	
Responsible Organization/Department:	Pineville Flood Plain manager/mayor
Action/Project Priority:	High
Timeline for Completion:	Letters are sent to residents 4 times a year
Potential Fund Sources:	City budget has postage for 4 Mayors letter per year
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Ongoing
Completed by:	Gregg Sweeten, Mayor/Emergency Manager

Action Worksheet	
Name of Jurisdiction:	Pineville, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Buildings in the floodplain
Hazard(s) Addressed:	Flooding
Action or Project	
Action/Project Number:	Pineville-02
Name of Action or Project:	NFIP - Continue Compliance
Action or Project Description:	Residents near and in the Flood area need our participation in this plan to receive the help needed after a flood
Applicable Goal Statement:	Protect entity's most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
Estimated Cost:	500
Benefits:	Residents are eligible to purchase flood insurance. All future building is protected by ordinance enforcement from the effects of flooding.
Plan for Implementation	
Responsible Organization/Department:	Pineville Flood Plain manager/mayor
Action/Project Priority:	High
Timeline for Completion:	ongoing
Potential Fund Sources:	general budget
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Ongoing
Completed by:	Gregg Sweeten, Mayor/Emergency Manager

Action Worksheet	
Name of Jurisdiction:	Pineville, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Unsafe buildings
Hazard(s) Addressed:	fire, tornadoes, high winds
Action or Project	
Action/Project Number:	Pineville-03
Name of Action or Project:	Active Code enforcement
Action or Project Description:	Regulations are in place providing for safe construction of housing and remodeling. City code enforcement officer enforces ordinances for safe construction.
Applicable Goal Statement:	Enhance existing or design new policies that will reduce the potential damaging effects of hazards without hindering other community goals.
Estimated Cost:	12,000 per year
Benefits:	Construction is regulated by the International Building Codes. It promotes better living conditions, protects city residents, and benefits all new and remodeled housing.
Plan for Implementation	
Responsible Organization/Department:	Code enforcement officer
Action/Project Priority:	High
Timeline for Completion:	ongoing
Potential Fund Sources:	City budget
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Ongoing
Completed by:	Gregg Sweeten, Mayor/Emergency Manager

Action Worksheet	
Name of Jurisdiction:	Pineville, Missouri
Risk / Vulnerability	
Problem being Mitigated:	No storm siren near school.
Hazard(s) Addressed:	Tornadoes
Action or Project	
Action/Project Number:	Pineville-04
Name of Action or Project:	Outdoor warning siren
Action or Project Description:	Add an outdoor siren up by our water tower to cover Pre-K -3 rd grade school and residents in area.
Applicable Goal Statement:	Increase internal capabilities to mitigate the effects of natural hazards.
Estimated Cost:	14,000
Benefits:	Warn residents who live within a mile of the siren in all directions, warn school kids.
Plan for Implementation	
Responsible Organization/Department:	City council
Action/Project Priority:	High
Timeline for Completion:	5 years
Potential Fund Sources:	city funds
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	New
Report of Progress	
Completed by:	Gregg Sweeten, Mayor/Emergency Manager

Action Worksheet	
Name of Jurisdiction:	Southwest City, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Building in the floodplain
Hazard(s) Addressed:	Flooding
Action or Project	
Action/Project Number:	Southwest City-01
Name of Action or Project:	Enforce NFIP ordinance
Action or Project Description:	See that residents don't build in flooding areas. Current Minimum federal requirements prevent residents from building in the floodplain.
Applicable Goal Statement:	Protect entity's most vulnerable populations, buildings, and critical facilities through the implementation of cost-effective and technically feasible mitigation projects.
Estimated Cost:	no cost to city-- people get building permit from council after council reviews plans
Benefits:	Prevents housing from flooding issues- also allows residents to purchase flood insurance
Plan for Implementation	
Responsible Organization/Department:	City council
Action/Project Priority:	High
Timeline for Completion:	ongoing
Potential Fund Sources:	fees from permits
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Progress has been made on this issue. The Planning and Zoning Committee has been re-established to further deal with these issues. The Flood Zone Maps are reviewed during the Building Permit Process. The current Building Permit Policy is being reviewed at this time. This action is ongoing, continuous improvements to the process are in progress.
Completed by:	Joe Carpenter, Mayor, Southwest City, Missouri 417-762-3767

Action Worksheet	
Name of Jurisdiction:	Southwest City, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Unsafe buildings
Hazard(s) Addressed:	fire, tornadoes, high winds
Action or Project	
Action/Project Number:	Southwest City-02
Name of Action or Project:	Code Enforcement
Action or Project Description:	The city needs to continue with code enforcement to prevent future safety issues. Building Inspector has been hired and enforces code as he inspects other issues.
Applicable Goal Statement:	Enhance existing or design new policies that will reduce the potential damaging effects of hazards without hindering other community goals.
Estimated Cost:	\$50 (\$25 per inspection- not many this year)-Comes from building permit funds
Benefits:	Prevent fires, electrical and other safety issues.
Plan for Implementation	
Responsible Organization/Department:	Building Inspector
Action/Project Priority:	High
Timeline for Completion:	ongoing
Potential Fund Sources:	permit fees
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	The City as recently lost our Building Inspector. We have a private contractor that is acting Building Inspector at this time. This responsibility is in the process of being transferred to the Planning and Zoning Commission. The City is in the process of making necessary changes to this aspect of the operation. The City is working on sharing a Building Inspector with a nearby City. The City have been active in this area by condemning and demolishing three structure that were deemed to be a public safety issue.
Completed by:	Joe Carpenter, Mayor, Southwest City, Missouri 417-762-3767

Action Worksheet	
Name of Jurisdiction:	Southwest City, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Residents need to know of the possible hazards and how they are expected to respond.
Hazard(s) Addressed:	All
Action or Project	
Action/Project Number:	Southwest City-03
Name of Action or Project:	Educate residents of hazards with informational flyers
Action or Project Description:	Use handouts to explain various hazards as well as how residents should respond to them.
Applicable Goal Statement:	Protect public health, safety, and welfare by increasing the public awareness of existing hazards and by fostering both individual and public responsibility in mitigating risks due to those hazards.
Estimated Cost:	\$70
Benefits:	Residents will be educated on the various hazards that are possible and should prevent injuries or deaths.
Plan for Implementation	
Responsible Organization/Department:	City Clerk
Action/Project Priority:	High
Timeline for Completion:	2 times per year
Potential Fund Sources:	city budget
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Information provided with City Billings.
Completed by:	Joe Carpenter, Mayor, Southwest City, Missouri 417-762-3767

Action Worksheet	
Name of Jurisdiction:	Southwest City, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Plan of Action in case of a natural disaster.
Hazard(s) Addressed:	All Natural Disinters
Action or Project	
Action/Project Number:	Southwest City - 04
Name of Action or Project:	Volunteer Disaster Action Plan
Action or Project Description:	Work with citizens to develop a community wide inventory of experience and equipment to respond to natural disaster. Would identify the weakness in the inventory and seek agreements with outside sources.
Applicable Goal Statement:	Provide a planned immediate response to a disaster.
Estimated Cost:	\$500
Benefits:	Provide the citizen a quick coordinated response to those in need after a disaster.
Plan for Implementation	
Responsible Organization/Department:	City Council and future appointed Volunteer Coordinator
Action/Project Priority:	Medium
Timeline for Completion:	December 2018
Potential Fund Sources:	General Fund and Donations
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	New
Report of Progress	
Completed by:	Joe Carpenter, Mayor, Southwest City, Missouri 417-762-3767

Action Worksheet	
Name of Jurisdiction:	Southwest City, Missouri
Risk / Vulnerability	
Problem being Mitigated:	Poor storm drainage though out the City of Southwest City.
Hazard(s) Addressed:	Property damage as result of flooding.
Action or Project	
Action/Project Number:	Southwest City - 05
Name of Action or Project:	Storm Water Improvement Project
Action or Project Description:	The main drainage ditch in the City was constructed by the WPA in the 1930 or early 1940. Erosion has taken its toll. The walls are collapsing and the sediment has reduce their volume. This has resulted in some costly damage to property and present a public safety hazard in during flooding. Many areas of the City need addressed.
Applicable Goal Statement:	To upgrade the storm drainage within the City.
Estimated Cost:	\$150,000
Benefits:	Improve Public Safety and reduce the civil risk to the City
Plan for Implementation	
Responsible Organization/Department:	Public Works Department and the City Council
Action/Project Priority:	High
Timeline for Completion:	December 2020
Potential Fund Sources:	Grants and Donations
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	New
Report of Progress	
Completed by:	Joe Carpenter, Mayor, Southwest City, Missouri 417-762-3767

Action Worksheet	
Name of Jurisdiction:	McDonald County R-1 Schools
Risk / Vulnerability	
Problem being Mitigated:	Many tomadoes hit Southwest Missouri every year causing devastation. Schools need to have a safe room/shelter for student and staff members to remain as safe as possible.
Hazard(s) Addressed:	Identify storm safe-rooms or safe-areas within the school facility to use during severe weather. In addition, the District will apply for a FEMA grant to construct safe rooms/shelters for each building in the district
Action or Project	
Action/Project Number:	School District 1
Name of Action or Project:	Safe Rooms
Action or Project Description:	Identify storm safe-rooms or safe-areas within the school facility to use during severe weather. In addition, the District will apply for a FEMA grant to construct safe rooms/shelters for each building in the district
Applicable Goal Statement:	To ensure that all staff and students are safe from severe storms..
Estimated Cost:	\$10,000,000
Benefits:	To minimize injuries/deaths in the event of a facility damaging storm.
Plan for Implementation	
Responsible Organization/Department:	Central Office
Action/Project Priority:	High
Timeline for Completion:	Dec 15
Potential Fund Sources:	Missouri Center for Safe Schools at UMKC, SEMA & FEMA
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Continuing-District continues to plan and install safe room locations on various locations. Most recently installed are FEMA shelters at SWC, Pineville Elem, and McDonald County High School.
Completed by:	Adam Lett

Action Worksheet	
Name of Jurisdiction:	McDonald County R-1 Schools
Risk / Vulnerability	
Problem being Mitigated:	Students and parents need to know of the possible hazards found in the school setting and how they are expected to respond.
Hazard(s) Addressed:	Various safety hazards.
Action or Project	
Action/Project Number:	School District 2
Name of Action or Project:	Hazard Planning and Education
Action or Project Description:	Use student handbook and school website to explain various school hazards as well as how the school (and students) will respond to them.
Applicable Goal Statement:	To ensure that all staff and students are able to react appropriately in a crisis.
Estimated Cost:	No Cost
Benefits:	To minimize injuries/deaths in the event of a crisis event.
Plan for Implementation	
Responsible Organization/Department:	Central Office
Action/Project Priority:	High
Timeline for Completion:	Yearly
Potential Fund Sources:	McDonald County Schools
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Continuing-District continues to educate students and staff on crisis events and how to respond to these events. Drills conducted throughout the year. Tabletop scenarios practiced quarterly with school safety teams.
Completed by:	Adam Lett

Action Worksheet	
Name of Jurisdiction:	McDonald County R-I Schools
Risk / Vulnerability	
Problem being Mitigated:	Increase awareness of students and teachers with campus drills and training
Hazard(s) Addressed:	McDonald County R-I School District requires monthly drills. Drills include fire, tomado, lockdowns, earthquake, IOC as well as reverse evacuations.
Action or Project	
Action/Project Number:	School District 3
Name of Action or Project:	Hazard Planning and Education
Action or Project Description:	The District's Safety Coordinator trains District Administrators on drill procedures who in turn train their staff who in turn train their students. In addition, emergency procedures are posted in each classroom.
Applicable Goal Statement:	To ensure that all staff and students are able to react appropriately in a crisis.
Estimated Cost:	No Cost
Benefits:	To minimize injuries/deaths in the event of a crisis event.
Plan for Implementation	
Responsible Organization/Department:	Central Office
Action/Project Priority:	High
Timeline for Completion:	Yearly
Potential Fund Sources:	McDonald County Schools, McDonald County Emergency Management, Local Fire and Police Departments, Sheriff's Department, Freeman Ambulance.
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Continuing-District continues to educate students and staff on crisis events and how to respond to these events. Drills conducted throughout the year. Tabletop scenarios practiced quarterly with school safety teams.

Action Worksheet	
Name of Jurisdiction:	McDonald County R-I Schools
Risk / Vulnerability	
Problem being Mitigated:	Educate students and staff members regarding family reunification procedures.
Hazard(s) Addressed:	During emergency situations, parents/friends become very rude, anxious and aggressive to find out more information regarding their students' safety.
Action or Project	
Action/Project Number:	School District 4
Name of Action or Project:	Family Reunification Procedures
Action or Project Description:	Staff will be trained in the double gated system to unite students with parents in a safe and orderly manner.
Applicable Goal Statement:	To ensure that all staff and students are able to react appropriately in a crisis.
Estimated Cost:	No Cost
Benefits:	To minimize injuries/deaths in the event of a crisis event.
Plan for Implementation	
Responsible Organization/Department:	Central Office
Action/Project Priority:	High
Timeline for Completion:	Yearly
Potential Fund Sources:	McDonald County Schools, McDonald County Emergency Management, Local Fire and Police Departments, Sheriff's Department, Freeman Ambulance.
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Continuing-District continues to educate students and staff on crisis events and how to respond to these events. Drills conducted throughout the year. Tabletop scenarios practiced quarterly with school safety teams.

Action Worksheet	
Name of Jurisdiction:	McDonald County R-1 Schools
Risk / Vulnerability	
Problem being Mitigated:	Educate staff and students on Building Evacuation procedures.
Hazard(s) Addressed:	Evacuations can be chaotic. Procedures must be in place to ensure that evacuations are organized and to ensure that everyone is accounted for.
Action or Project	
Action/Project Number:	School District 5
Name of Action or Project:	Evacuation Procedures
Action or Project Description:	Train staff and students on Evacuation procedures and the method to communicate missing or injured individuals, and conduct regular drills.
Applicable Goal Statement:	To ensure that all staff and students are able to react appropriately in a crisis.
Estimated Cost:	No Cost
Benefits:	To minimize injuries/deaths in the event of a crisis event.
Plan for Implementation	
Responsible Organization/Department:	Central Office
Action/Project Priority:	High
Timeline for Completion:	Yearly
Potential Fund Sources:	McDonald County Schools, McDonald County Emergency Management, Local Fire and Police Departments, Sheriff's Department, Freeman Ambulance.
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Continuing-District continues to educate students and staff on crisis events and how to respond to these events. Drills conducted throughout the year. Tabletop scenarios practiced quarterly with school safety teams.
Completed by:	Adam Lett

Action Worksheet	
Name of Jurisdiction:	McDonald County R-1 Schools
Risk / Vulnerability	
Problem being Mitigated:	Educate staff and students on Lock-down procedures.
Hazard(s) Addressed:	Manmade events threaten the wellbeing of staff and students both outside the building and inside the building.
Action or Project	
Action/Project Number:	School District 6
Name of Action or Project:	Lock-down Procedures
Action or Project Description:	Train staff and students on Lock-down procedures and conduct regular drills.
Applicable Goal Statement:	To ensure that all staff and students are able to react appropriately in a crisis.
Estimated Cost:	No Cost
Benefits:	To minimize injuries/deaths in the event of a crisis event.
Plan for Implementation	
Responsible Organization/Department:	Central Office
Action/Project Priority:	High
Timeline for Completion:	Yearly
Potential Fund Sources:	McDonald County Schools, Center for Educational Safety, MSBA
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Continuing-District continues to educate students and staff on Lock-down procedures. Recently, the district has purchased a service to notify all staff about intruders and allow staff a quick way to report intruders.
Completed by:	Adam Lett

Action Worksheet	
Name of Jurisdiction:	McDonald County R-1 Schools
Risk / Vulnerability	
Problem being Mitigated:	Educate staff on Bomb Threat Assessment and Response.
Hazard(s) Addressed:	The majority of bomb threats are false and only made to disrupt the learning process and yet there are some threats which warn of real situations.
Action or Project	
Action/Project Number:	School District 7
Name of Action or Project:	Bomb Threat Procedures Education
Action or Project Description:	Train staff on bomb threat assessment and procedures.
Applicable Goal Statement:	To ensure that all staff and students are able to react appropriately in a crisis.
Estimated Cost:	No Cost
Benefits:	To minimize injuries/deaths in the event of a crisis event.
Plan for Implementation	
Responsible Organization/Department:	Central Office
Action/Project Priority:	High
Timeline for Completion:	Yearly
Potential Fund Sources:	McDonald County Schools, Center for Educational Safety, MSBA, McDonald County Emergency Management, Local Fire and Police Departments, Sheriff's Department, Missouri Highway Patrol, Freeman Ambulance and Federal Agencies.
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Continuing-District continues to educate students and staff on reporting procedures for bomb threats and how to act if one is identified as being credible.
Completed by:	Adam Lett

Action Worksheet	
Name of Jurisdiction:	McDonald County R-1 Schools
Risk / Vulnerability	
Problem being Mitigated:	An Emergency Response Team made up of school staff members for each location.
Hazard(s) Addressed:	In the event of an area wide emergency during a school day, local emergency responders may be overwhelmed and not able to respond to schools for hours, or perhaps even days, so schools have to be prepared to meet their own emergency needs.
Action or Project	
Action/Project Number:	School District 8
Name of Action or Project:	School Response Teams
Action or Project Description:	Develop and train emergency response teams in each school.
Applicable Goal Statement:	To ensure that all staff and students are able to react appropriately in a crisis.
Estimated Cost:	\$10,000
Benefits:	To minimize injuries/deaths in the event of a crisis event.
Plan for Implementation	
Responsible Organization/Department:	Central Office
Action/Project Priority:	High
Timeline for Completion:	Yearly
Potential Fund Sources:	McDonald County R-1 School District/SEMA/FEMA
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	Continuing
Report of Progress	Continuing-District continues to educate and train safety teams at all campus locations. District has recently integrated the CERT system into training of the teams through a safety grant.
Completed by:	Adam Lett

Action Worksheet	
Name of Jurisdiction:	McDonald County R-1 Schools
Risk / Vulnerability	
Problem being Mitigated:	Not all school buildings have safe entry or access systems. Many of the schools that do have access systems need to be updated.
Hazard(s) Addressed:	Unauthorized entry into schools and card access to give restricted access to key staff.
Action or Project	
Action/Project Number:	School District 9
Name of Action or Project:	Safe Entry and Keypass
Action or Project Description:	Each school will have a keypass system installed to control access to the building. Additionally, the front office will be equipped with a pre-access point camera and buzzer system and then another buzzer point to allow access to the main building from office.
Applicable Goal Statement:	To ensure that all campus buildings a safeguarded from intruders.
Estimated Cost:	\$200,000-\$400,000
Benefits:	Promote student and staff safety while at school and prevent loss of life from outside intruders.
Plan for Implementation	
Responsible Organization/Department:	Central Office
Action/Project Priority:	High
Timeline for Completion:	3-5 years
Potential Fund Sources:	Grants, Local, State, Federal funds.
Local Planning Mechanisms to be Used in Implementation, if any:	
Progress Report	
Action Status	New
Report of Progress	
Completed by:	Adam Lett

5 PLAN MAINTENANCE PROCESS

5 PLAN MAINTENANCE PROCESS	5.1
<i>5.1 Monitoring, Evaluating, and Updating the Plan.....</i>	<i>5.1</i>
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This chapter provides an overview of the overall strategy for plan maintenance and outlines the method and schedule for monitoring, updating and evaluating the plan. The chapter also discusses incorporating the plan into existing planning mechanisms and how to address continued public involvement.

5.1 Monitoring, Evaluating, and Updating the Plan

44 CFR Requirement 201.6(c)(4): The plan maintenance process shall include a section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle.

5.1.1 Responsibility for Plan Maintenance

The MPC is not a standing committee, and therefore responsibility for maintenance of the plan actions is delegated to individuals or entities as indicated in section 4 of this document. These entities are responsible for seeing that the actions which they have put in the plan are eventually implemented, if possible. Maintenance will involve agreement of the participating jurisdictions, including school and special districts, to:

- Meet annually, and after a disaster event, to monitor and evaluate the implementation of the plan;
- Act as a forum for hazard mitigation issues;
- Disseminate hazard mitigation ideas and activities to all participants;
- Pursue the implementation of high priority, low- or no-cost recommended actions;
- Maintain vigilant monitoring of multi-objective, cost-share, and other funding opportunities to help the community implement the plan's recommended actions for which no current funding exists;
- Monitor and assist in implementation and update of this plan;
- Keep the concept of mitigation in the forefront of community decision making by identifying plan recommendations when other community goals, plans, and activities

- overlap, influence, or directly affect increased community vulnerability to disasters;
- Report on plan progress and recommended changes to the County Board of Supervisors and governing bodies of participating jurisdictions; and
- Inform and solicit input from the public.

Like the planning committee, the maintenance committee is an advisory body and can only make recommendations to county, city, town, or district elected officials. Its primary duty is to see the plan successfully carried out and to report to the community governing boards and the public on the status of plan implementation and mitigation opportunities.

5.1.2 Plan Maintenance Schedule

The EMD will facilitate annual meetings and after a state or federally declared hazard event as appropriate to monitor progress and update the mitigation strategy. The McDonald County EMD will be responsible for initiating the plan reviews and will invite members of the maintenance committee and jurisdictions to the meeting.

In coordination with all participating jurisdictions, a five-year written update of the plan will be submitted to the Missouri State Emergency Management Agency (SEMA) and FEMA Region VII per Requirement §201.6(c)(4)(i) of the Disaster Mitigation Act of 2000, unless disaster or other circumstances (e.g., changing regulations) require a change to this schedule.

5.1.3 Plan Maintenance Process

Progress on the proposed actions can be monitored by evaluating changes in vulnerabilities identified in the plan. The maintenance committee during the annual meeting should review changes in vulnerability identified as follows:

- Decreased vulnerability as a result of implementing recommended actions,
- Increased vulnerability as a result of failed or ineffective mitigation actions,
- Increased vulnerability due to hazard events, and/or
- Increased vulnerability as a result of new development (and/or annexation).

Future 5-year updates to this plan will include the following activities:

- Consideration of changes in vulnerability due to action implementation,
- Documentation of success stories where mitigation efforts have proven effective,
- Documentation of unsuccessful mitigation actions and why the actions were not effective,
- Documentation of previously overlooked hazard events that may have occurred since the previous plan approval,
- Incorporation of new data or studies with information on hazard risks,
- Incorporation of new capabilities or changes in capabilities,
- Incorporation of growth data and changes to inventories, and
- Incorporation of ideas for new actions and changes in action prioritization.

In order to best evaluate any changes in vulnerability as a result of plan implementation, the

participating jurisdictions will adopt the following process:

- Each proposed action in the plan identified an individual, office, or agency responsible for action implementation. This entity will track and report on an annual basis to the jurisdictional MPC (or designated responsible entity) member on action status. The entity will provide input on whether the action as implemented meets the defined objectives and is likely to be successful in reducing risk.
- If the action does not meet identified objectives, the jurisdictional MPC (or designated responsible entity) member will determine necessary remedial action, making any required modifications to the plan.

Changes will be made to the plan to remedy actions that have failed or are not considered feasible. Feasibility will be determined after a review of action consistency with established criteria, time frame, community priorities, and/or funding resources. Actions that were not ranked high but were identified as potential mitigation activities will be reviewed as well during the monitoring of this plan. Updating of the plan will be accomplished by written changes and submissions, as the (MPC or designated responsible entity) deems appropriate and necessary. Changes will be approved by the McDonald County Board of Commissioners and the governing boards of the other participating jurisdictions.

5.2 Incorporation into Existing Planning Mechanisms

44 CFR Requirement §201.6(c)(4)(ii): [The plan shall include a] process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate.

Where possible, plan participants, including school and special districts, will use existing plans and/or programs to implement hazard mitigation actions. Those existing plans and programs were described in Section 2 of this plan. Based on the capability assessments of the participating jurisdictions, communities in McDonald County will continue to plan and implement programs to reduce losses to life and property from hazards. This plan builds upon the momentum developed through previous and related planning efforts and mitigation programs and recommends implementing actions, where possible, through the following plans:

- Comprehensive or land use plans of participating jurisdictions;
- Ordinances of participating jurisdictions;
- McDonald County Emergency Operations Plan;
- Capital improvement plans and budgets;
- Other community plans within the County, such as water conservation plans, storm water management plans, and parks and recreation plans;
- School and Special District Plans and budgets; and
- Other plans and policies outlined in the capability assessment sections for each jurisdiction in Section 2 of this plan.

Jurisdictional representatives involved in updating these existing planning mechanisms will be responsible for integrating the findings and actions of the mitigation plan, as appropriate. The

EMD is also responsible for monitoring this integration and incorporation of the appropriate information into the five-year update of the multi-jurisdictional hazard mitigation plan.

Additionally, after the annual review of the Hazard Mitigation Plan, the McDonald County EMD will provide the updated Mitigation Strategy with current status of each mitigation action to the County Commissions as well as all Mayors, City Clerks, and School District Superintendents. The EMD will request that the mitigation strategy be incorporated, where appropriate, in other planning mechanisms.

0 below lists the planning mechanisms by jurisdiction into which the Hazard Mitigation Plan will be integrated.

Table 1.1. Planning Mechanisms Identified for Integration of Hazard Mitigation Plan

Jurisdiction	Planning Mechanisms
McDonald County	Emergency Operations Plan
Anderson	Plans, budgets, and ordinances
Jane	Plans, budgets, and ordinances
Goodman	Plans, budgets, and ordinances
Lanagan	Plans, budgets, and ordinances
Noel	Plans, budgets, and ordinances
Pineville	Plans, budgets, and ordinances
Southwest City	Plans, budgets, and ordinances

5.3 Continued Public Involvement

44 CFR Requirement §201.6(c)(4)(iii): [The plan maintenance process shall include a] discussion on how the community will continue public participation in the plan maintenance process.

The hazard mitigation plan update process provides an opportunity to publicize success stories resulting from the plan's implementation and seek additional public comment. Information about the annual reviews will be posted in the local newspaper as well as on the McDonald County website following each annual review of the mitigation plan. When the MPC reconvenes for the five-year update, it will coordinate with all stakeholders participating in the planning process. Included in this group will be those who joined the MPC after the initial effort, to update and revise the plan. Public notice will be posted and public participation will be actively solicited, at a minimum, through available website postings and press releases to local media outlets, primarily newspapers.
