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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 Osage County’s existing hazard mitigation plan originally approved by FEMA in April, 2005 and updated and approved by FEMA on March 22, 2013 and five years later in June, 2018. Therefore, the goals from the updated 2018 Osage 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. The MPC reviewed the goals and decided to consolidate them from six goals to three. The following goals were established for the 2023 Osage County plan update:

Goal 1: Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.

Goal 2: Reduce the potential impact of natural disasters to property, infrastructure and the local economy.

Goal 3: Reduce the potential impact of natural disaster on the continuity of government and essential services.

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 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 have been no deaths due to natural hazard events. Action items were reviewed and suggestions made for changes to address the changes in risk. Discussions from the actions from the previous plan included completed actions, on-going 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 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.

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 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 both planning meetings and the meeting with the road and bridge department. 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.

Additionally, the future inclusion of each mitigation action in the plan update was identified as either keep, delete, or modify. Based on the status updates, there were five completed actions for the county, Argyle, Chamois, Linn, Meta and Westphalia; four completed actions for Freeburg and two completed actions for the school districts. There were four deleted actions for all the jurisdictions. The county had ten actions that were combined with other, similar actions and eleven continuing actions. Argyle, Chamois, Linn, Meta and Westphalia had 13 actions that were combined with other similar actions and nine continuing actions. Freeburg had eleven actions that were combined with other, similar actions and six continuing actions. The school districts had four actions that were combined with other, similar actions, and three continuing actions.

Table 4.1 provides a summary of the action statuses for each jurisdiction:

Table 4.1. Action Status Summary

Jurisdiction	Completed Actions	Continuing Actions (ongoing or modify)	Deleted Actions
Osage County	5	11	14
Village of Argyle	5	9	13
City of Chamois	5	9	13
Village of Freeburg	4	6	11
City of Linn	5	9	13
City of Meta	5	9	13
City of Westphalia	5	9	13
Osage County R-I Schools	2	3	4
Osage County R-II Schools	2	3	4
Osage County R-III Schools	2	3	4

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

Table 4.2. Summary of Completed and Deleted Actions from the Previous Plan

Completed Actions	Completion Details (date, amount, funding source)
1.1.3 Promote development and implementation of emergency plans by businesses by providing examples on EMD website and raising awareness through public and social media	Emergency preparedness information is provided through email and social media by EMD. EMD advertises and uses smart 911 to share information. A template for business continuity plans is available on the EMD website.

Completed Actions	Completion Details (date, amount, funding source)
1.2.6 Monitor developments in data availability concerning the impact of levee failure, dam failure, tornados, sinkholes, land subsidence, and wildfire upon Osage County and all jurisdictions through local, state, and federal agencies for use in hazard mitigation planning.	This action is completed through the revision and update of the plan document every five years.
2.2.1 Educate and raise awareness of residents, contractors, and cities on the dangers of floodplain development and the benefits of the National Flood Insurance Program	The County EMD actively shares information on floodplain development and the benefits of the NFIP through social media, information on the EMD's website, press releases and availability of brochures on NFIP.
3.3.4 Awareness campaign for well testing/protection	Action item completed through information provided by the Extension Service, Health Department and EMD office.
6.3.1 Prioritize mitigation projects, based on cost-effectiveness and starting with those sites facing the greatest threat to life, health and property.	Complete – accomplished through the hazard mitigation plan review and update process.
Deleted Actions	Reason for Deletion
1.3.1 Provide information on tree trimming and dead tree removal programs to utility companies and local government.	Deleted due to no local governments in the planning area being responsible for utility lines. Three Rivers Electric Cooperative and Ameren UE are already doing this.
1.3.5 Plan to identify standing pools of water (zika virus) and increase community awareness.	No cases of Zika have occurred in the county, nor in the state of Missouri. This action was no longer considered a high priority and falls under emergency response rather than mitigation.
2.1.8 Elevate County Road 275 due to flooding.	Combined with 1.3.2.
2.1.10 Increase culvert size as replacements are installed.	Combined with 1.3.2.
2.1.11 Add culverts in areas as needed.	Combined with 1.3.2.
3.3.1 Participating jurisdictions should regularly re-evaluate hazard mitigation plan and merge with other community planning.	Combined with 3.2.3.
3.3.2 Continue to provide information through press releases, brochures, website and Facebook regarding adopted mitigation measures to keep public abreast of changes and/or new regulations, especially in regard to floodplain management.	Combine with 6.2.2.

Deleted Actions	Reason for Deletion
3.3.3 Dam safety and maintenance awareness including public announcements/reminders	Deleted due to not being a high priority.
4.2.1 Encourage meetings between EMD, city/county, and SEMA to familiarize officials with mitigation planning and implementation and budgeting for mitigation projects.	Combined with 3.2.3.
4.2.2 Continue to encourage the incorporation of mitigation into other planning document and planning activities such as comprehensive plans and capital improvement plans.	Combine with 3.2.3.
5.1.1 Provide information to all communities on the benefits and costs of developing storm water management plans.	Deleted due to not meeting SMART criteria.
5.2.2 Encourage communities to discuss zoning repetitive loss properties in the floodplain as open space.	Combine with 5.2.1.
6.1.3 Work with state/local/federal agencies to include mitigation in all economic and community development projects.	Combine with 3.2.3
6.1.4 Provide information to jurisdictions on the benefits of budgeting for and implementing hazard mitigation projects.	Combine with 6.2.1.

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

In addition to the STAPLEE and Benefit/Cost analysis, the committee was also asked to consider **SMART** – **S**pecific, **M**easurable, **A**chievable, **R**elevant, **T**ime-bound, per FEMA. All action items were reviewed with this criteria in mind. 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

Osage County and the cities of Argyle, Chamois, Linn, Meta, and Westphalia 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 halls of each community and the county’s flood maps can be obtained from the floodplain coordinator - MRPC. Furthermore, floodplain maps can be found online through FEMA’s website <https://msc.fema.gov/portal>.

Table 4.1. Jurisdictional Floodplain Ordinance Adoption Date

Community Name	Ordinance Adoption Date
Osage County	9/20/12
Argyle	8/14/12
Chamois	01/14/21
Freeburg	Not participating in the NFIP
Linn	2012
Meta	04/11/12
Westphalia	6/2020

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

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
1.3.2 [1.1]	Complete road and bridge upgrade projects that would reduce danger to residents during occurrences of natural disasters as funding allows. This includes culvert upgrades and replacements as well as elevating roads and improving bridges and low water crossings.	3	2	2	3	3	2	3	18	IC, PD, LF, EMCC	8	-3	5	23	H
1.3.4 [1.2]	Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows	3	3	3	3	3	2	2	19	IC, LF, EMCC	6	-3	3	22	H
6.2.2 [1.3]	Implement public awareness program about the benefits of adopted hazard mitigation projects, both public and private through press releases, brochures, EMD website and Facebook, including changes to mitigation policy to keep the public aware of changes and/or new regulations.	3	3	2	3	3	3	2	19	IC, PD, LF, EMCC	8	-1	7	26	H
1.4	Obtain and upgrade early warning systems and improved communication systems as funding allows.	3	2	2	3	3	2	2	17	IC, PD, LF, EMCC	8	-3	5	22	H
2.1.9 [2.1]	Elevate structures located in the floodplain to be compliant with local flood ordinances as funding allows.	2	3	3	2	3	3	2	18	IC, PD, LF, EMCC	8	-3	5	23	H
2.2.2 [2.2]	Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.	3	2	2	3	3	3	3	19	IC, LF, EMCC	6	-1	5	24	H
5.2.1 [2.3]	Purchase properties in the floodplain as funds become available and convert that land into open public space.	2	3	3	2	3	2	2	17	IC, PD, LF, EMCC	8	-3	5	22	H
6.2.1 [2.4]	Provide information on the benefits of local governments budgeting for and implementing both hazard mitigation projects and cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole.	3	2	2	3	3	3	2	18	IC, PD, LF, EMCC	8	-1	7	25	H

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
3.2.3 [3.1]	Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.	3	3	2	3	3	3	2	19	IC, PD, LF, EMCC	8	-3	5	24	H
6.3.2 [3.2]	Acquire generators for essential service providers as funding allows.	3	2	2	2	3	3	3	18	IC, LF, EMCC	6	-1	5	23	H
2.1.2 [3.3]	On an annual basis, the EMD will coordinate with other public agencies to hold a meeting to evaluate and update emergency operation plans.	3	3	3	3	3	3	3	21	IC, PD, LF, EMCC	8	-1	7	28	H

Denotes new numbering.

Osage County

Goal 1: Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.

Action 1.3.2 [1.1]: Complete road and bridge upgrade projects that would reduce danger to residents during occurrences of natural disasters as funding allows. This includes culvert upgrades and replacements as well as elevating roads and improving bridges and low water crossings.

Action Worksheet	
Name of Jurisdiction:	Osage County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flooding and inadequate road/bridge structures and impacts on residents and their property.
Hazard(s) Addressed:	Flood, earthquake
Action or Project	
Action/Project Number:	1.3.2 [1.1]
Name of Action or Project:	Road and bridge mitigation
Action or Project Description:	Complete road and bridge upgrade projects that would reduce danger to residents during occurrences of natural disasters as funding allows. This includes culvert upgrades and replacements as well as elevating roads and improving bridges and low water crossings.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown due to variables.
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, Road and Bridge Department
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:	Local government capital improvement plans, budgets for road, bridge and utilities
Progress Report	
Action Status	Revised – Continuing – in progress
Report of Progress	The Osage County Commission and Road and Bridge Department reviews each project undertaken and searches for ways to improve it by upsizing culverts; moving projects to improve drainage, etc. The County also adopted road and bridge standards and a policy and procedures manual for improvements. The county would like to elevate County Road 275 as funding allows.

Action 1.3.4 [1.2]: Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.

Action Worksheet	
Name of Jurisdiction:	Osage County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent/inadequate shelters for residents during storm events
Hazard(s) Addressed:	Severe Storm (Hail/Wind) and Tornado
Action or Project	
Action/Project Number:	1.3.4 [1.2]
Name of Action or Project:	Construct storm shelters and tornado safe rooms near areas of high population densities
Action or Project Description:	Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown due to variables
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, EMD
Action/Project Priority:	22 – High Priority
Timeline for Completion:	1 – 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	Revised – Continuing
Report of Progress	A community certified tornado safe room exists on the campus of State Technical College of Missouri. However, the County would benefit from having additional certified shelters at schools and other population dense areas.

Action 6.2.2 [1.3]: Implement public awareness program about the benefits of adopted hazard mitigation projects, both public and private through press releases, brochures, EMD website and Facebook, including changes to mitigation policy to keep the public aware of changes and/or new regulations.

Action Worksheet	
Name of Jurisdiction:	Osage County
Risk / Vulnerability	
Problem being Mitigated:	Lack of knowledge among the general public on the importance / benefit of hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.2.2 [1.3]
Name of Action or Project:	Public awareness program on hazard mitigation
Action or Project Description:	Implement public awareness program about the benefits of adopted hazard mitigation projects, both public and private through press releases, brochures, EMD website and Facebook, including changes to mitigation policy to keep the public aware of changes and/or new regulations.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	\$500 - \$5,500
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:	EMD
Action/Project Priority:	26 - 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:	LEOP, Hazard Mitigation Plan, comprehensive plans, capital improvement plans, strategic plans
Progress Report	
Action Status	Revised - Continuing in progress
Report of Progress	There has been some progress on this activity. Press releases on the hazard mitigation plan raise awareness. Press releases and activities following disasters such as flooding raised awareness of mitigation and activities that local governments as well as private citizens can do to reduce their vulnerabilities to disasters. The county publicizes road and bridge improvements. This activity would benefit from the development and distribution or posting of brochures on hazard mitigation.

Action 1.4: Obtain and upgrade early warning systems and improved communication systems as funding allows.

Action Worksheet	
Name of Jurisdiction:	Osage County
Risk / Vulnerability	
Problem being Mitigated:	
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.4
Name of Action or Project:	Obtain and upgrade early warning systems and improved communication systems.
Action or Project Description:	Obtain and upgrade early warning systems and improved communication systems as funding allows, including tornado sirens and text and phone systems.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County Commission, EMD
Action/Project Priority:	22 - 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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	New – in Progress
Report of Progress	Osage County has Smart911 available for the public to receive warnings. The county also uses Wireless Emergency Alerts (WEAs). The EMA website shares information on both systems.

Goal 2: Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.

Action 2.1.9 [2.1]: Elevate structures located in the floodplain to be compliant with local flood ordinances as funding allows.

Action Worksheet	
Name of Jurisdiction:	Osage County
Risk / Vulnerability	
Problem being Mitigated:	Risk and vulnerabilities associated with non-elevated structures in the floodplain.
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	2.1.9
Name of Action or Project:	Elevate structures in the floodplain.
Action or Project Description:	Work with property owners to get all structures located in the flood plain in compliance with the county flood ordinance and elevated as necessary.
Applicable Goal Statement:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
Estimated Cost:	\$30,000 and up per structure
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, County Commission, EMD
Action/Project Priority:	23 – High Priority
Timeline for Completion:	1 – 10 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services, Increased Cost of Compliance grants
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, county floodplain ordinance
Progress Report	
Action Status	Revised – in Progress
Report of Progress	Osage County floodplain manager notifies those property owners who are required to elevate.

Action 2.2.2 [2.2]: Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.

Action Worksheet	
Name of Jurisdiction:	Osage County
Risk / Vulnerability	
Problem being Mitigated:	Risk and vulnerabilities associated with lack of compliance with NFIP requirements.
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	2.2.2 [2.2]
Name of Action or Project:	NFIP compliance
Action or Project Description:	Continued compliance with NFIP requirements.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	\$4,000 - \$8,000
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, County Commission
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, Increased Cost of Compliance grants
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, county floodplain ordinance
Progress Report	
Action Status	Continuing – in Progress
Report of Progress	Osage County floodplain manager continues to enforce the floodplain ordinance and provide information to local property owners on the benefits and requirements of the NFIP.

Action 5.2.1 [2.3]: Purchase properties in the floodplain as funds become available and convert that land into open public space.

Action Worksheet	
Name of Jurisdiction:	Osage County
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with floodplain properties
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	5.2.1
Name of Action or Project:	Purchase properties in the floodplain as funds become available and convert that land into public space.
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:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
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, Floodplain Manager
Action/Project Priority:	22 –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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	Revised - Continuing
Report of Progress	No properties have been purchased by the county to date.

Action 6.2.1 [2.4]: Provide information on the benefits of local governments budgeting for and implementing both hazard mitigation projects and cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole

Action Worksheet	
Name of Jurisdiction:	Osage County
Risk / Vulnerability	
Problem being Mitigated:	Lack information/awareness of the benefits of hazard mitigation projects and of cost-share programs with private property owners
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.2.1 [2.4]
Name of Action or Project:	Program to provide information on benefits of mitigation projects and mitigation cost-share programs.
Action or Project Description:	Provide information on the benefits of local governments budgeting for and implementing both hazard mitigation projects and cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole
Applicable Goal Statement:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
Estimated Cost:	\$2,500 - \$5,500
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, EMDs
Action/Project Priority:	25 - 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, capital improvement plans, comprehensive plans, strategic plans
Progress Report	
Action Status	Revised - Continuing - in progress
Report of Progress	The county will install a culvert if the individual pays for the culvert to insure that installation is done correctly and the culvert is sized appropriately. The county also publicizes road and bridge projects but could do more to tie those projects to mitigation to raise awareness. This is a program that could benefit from more organized guidelines and focused efforts if additional funding could be secured.

Goal 3: Reduce the potential impact of natural disaster on the continuity of government and essential services.

Action 3.2.3 [3.1]: Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.

Action Worksheet	
Name of Jurisdiction:	Osage County
Risk / Vulnerability	
Problem being Mitigated:	Lack of communication between jurisdictions and related organizations for on-going mitigation planning.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.2.3 [3.1]
Name of Action or Project:	Meeting of local jurisdictions to participate in efforts to identify, assess, and prioritize hazard mitigation projects throughout the county, merge hazard mitigation with other plans and projects.
Action or Project Description:	Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.
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:	\$100 - \$250
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, EMD
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:	LEOP, Hazard Mitigation Plan, road and bridge capital improvement plans
Progress Report	
Action Status	Revised - Continuing– in progress
Report of Progress	The county EMD regularly meets with jurisdictions and response agencies – routinely as well as following incidents. County commissioners also regularly visit cities in their jurisdiction to discuss issues. More focus will be placed on hazard mitigation planning.

Action 6.3.2 [3.2]: Acquire generators for essential service providers as funding allows.

Action Worksheet	
Name of Jurisdiction:	Osage County
Risk / Vulnerability	
Problem being Mitigated:	Loss of essential services during power outages
Hazard(s) Addressed:	Severe Storm, Tornado, Severe Winter Weather
Action or Project	
Action/Project Number:	6.3.2 [3.2]
Name of Action or Project:	Maintaining power to essential services businesses.
Action or Project Description:	Acquire generators for essential service providers as funding allows.
Applicable Goal Statement:	Reduce the potential impact of natural disaster on the continuity of government and essential services.
Estimated Cost:	\$8,000 - \$75,000 per unit
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:	23 - High Priority
Timeline for Completion:	1 – 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	Revised - Continuing
Report of Progress	No progress.

Action 2.1.2 [3.3]: On an annual basis, the EMD will coordinate with other public agencies to hold a meeting to evaluate and update emergency operation plans.

Action Worksheet	
Name of Jurisdiction:	Osage County
Risk / Vulnerability	
Problem being Mitigated:	Risks and vulnerabilities of not having updated LEOPs.
Hazard(s) Addressed:	All Hazard
Action or Project	
Action/Project Number:	2.1.2 [3.3]
Name of Action or Project:	Maintaining/updating LEOPs.
Action or Project Description:	On an annual basis, the EMD will coordinate with other public agencies to hold a meeting to evaluate and update emergency operation plans.
Applicable Goal Statement:	Reduce the potential impact of natural disaster on the continuity of government and essential services.
Estimated Cost:	\$100 - \$2,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	EMD
Action/Project Priority:	28 - High Priority
Timeline for Completion:	Annually – 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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	Revised - Continuing
Report of Progress	EMD meets regularly with public agencies in the county and at the state level to review and update emergency operations and plans.

Argyle

Goal 1: Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.

Action 1.3.2 [1.1]: Complete road and bridge upgrade projects that would reduce danger to residents during occurrences of natural disasters as funding allows. This includes culvert upgrades and replacements as well as elevating roads and improving bridges and low water crossings.

Action Worksheet	
Name of Jurisdiction:	Argyle
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flooding and inadequate road/bridge structures and impacts on residents and their property.
Hazard(s) Addressed:	Flood, earthquake
Action or Project	
Action/Project Number:	1.3.2 [1.1]
Name of Action or Project:	Road and bridge mitigation
Action or Project Description:	Complete road and bridge upgrade projects that would reduce danger to residents during occurrences of natural disasters as funding allows. This includes culvert upgrades and replacements as well as elevating roads and improving bridges and low water crossings.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown due to variables.
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:	Chair, Board of Trustees, Public Works Department
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:	Local government capital improvement plans, budgets for road, bridge and utilities
Progress Report	
Action Status	Revised – Continuing
Report of Progress	No progress.

Action 1.3.4 [1.2]: Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.

Action Worksheet	
Name of Jurisdiction:	Argyle
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent/inadequate shelters for residents during storm events
Hazard(s) Addressed:	Severe Storm (Hail/Wind) and Tornado
Action or Project	
Action/Project Number:	1.3.4 [1.2]
Name of Action or Project:	Construct storm shelters and tornado safe rooms near areas of high population densities
Action or Project Description:	Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown due to variables
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:	Chair, Board of Trustees, EMD
Action/Project Priority:	22 – High Priority
Timeline for Completion:	1 – 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	Revised – Continuing
Report of Progress	No progress. The city does not have a FEMA certified tornado shelter or designated shelters of any kind.

Action 6.2.2 [1.3]: Implement public awareness program about the benefits of adopted hazard mitigation projects, both public and private through press releases, brochures, EMD website and Facebook, including changes to mitigation policy to keep the public aware of changes and/or new regulations.

Action Worksheet	
Name of Jurisdiction:	Argyle
Risk / Vulnerability	
Problem being Mitigated:	Lack of knowledge among the general public on the importance / benefit of hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.2.2 [1.3]
Name of Action or Project:	Public awareness program on hazard mitigation
Action or Project Description:	Implement public awareness program about the benefits of adopted hazard mitigation projects, both public and private through press releases, brochures, EMD website and Facebook, including changes to mitigation policy to keep the public aware of changes and/or new regulations.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	\$500 - \$5,500
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:	Chair, EMD
Action/Project Priority:	26 - 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:	LEOP, Hazard Mitigation Plan, comprehensive plans, capital improvement plans, strategic plans
Progress Report	
Action Status	Revised - Continuing
Report of Progress	No progress.

Action 1.4: Obtain and upgrade early warning systems and improved communication systems as funding allows.

Action Worksheet	
Name of Jurisdiction:	Argyle
Risk / Vulnerability	
Problem being Mitigated:	
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.4
Name of Action or Project:	Obtain and upgrade early warning systems and improved communication systems.
Action or Project Description:	Obtain and upgrade early warning systems and improved communication systems as funding allows, including tornado sirens and text and phone systems.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	County Commission, EMD
Action/Project Priority:	22 - 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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	New – in Progress
Report of Progress	The city has one tornado siren. Osage County has Smart911 available for the public to receive warnings. The county also uses Wireless Emergency Alerts (WEAs). Both are available for resident of Argyle.

Goal 2: Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.

Action 2.1.9 [2.1]: Elevate structures located in the floodplain to be compliant with local flood ordinances as funding allows.

Action Worksheet	
Name of Jurisdiction:	Argyle
Risk / Vulnerability	
Problem being Mitigated:	Risk and vulnerabilities associated with non-elevated structures in the floodplain.
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	2.1.9
Name of Action or Project:	Elevate structures in the floodplain.
Action or Project Description:	Work with property owners to get all structures located in the flood plain in compliance with the county flood ordinance and elevated as necessary.
Applicable Goal Statement:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
Estimated Cost:	\$30,000 and up per structure
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, Chair, Board of Trustees
Action/Project Priority:	23 – High Priority
Timeline for Completion:	1 – 10 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services, Increased Cost of Compliance grants
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, floodplain ordinance
Progress Report	
Action Status	Revised – Continuing
Report of Progress	To date, no repetitive loss structures in Argyle have been elevated.

Action 2.2.2 [2.2]: Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.

Action Worksheet	
Name of Jurisdiction:	Argyle
Risk / Vulnerability	
Problem being Mitigated:	Risk and vulnerabilities associated with lack of compliance with NFIP requirements.
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	2.2.2 [2.2]
Name of Action or Project:	NFIP compliance
Action or Project Description:	Continued compliance with NFIP requirements.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	\$4,000 - \$8,000
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, County Commission
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, Increased Cost of Compliance grants
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, floodplain ordinance
Progress Report	
Action Status	Continuing – in Progress
Report of Progress	The city continues to enforce the floodplain ordinance to remain in compliance with the NFIP but would benefit from a more focused approach to provide information to local property owners on the benefits and requirements of the NFIP.

Action 5.2.1 [2.3]: Purchase properties in the floodplain as funds become available and convert that land into open public space.

Action Worksheet	
Name of Jurisdiction:	Argyle
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with floodplain properties
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	5.2.1
Name of Action or Project:	Purchase properties in the floodplain as funds become available and convert that land into public space.
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:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
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:	Chair, Board of Trustees, Floodplain Manager
Action/Project Priority:	22 –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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	Revised - Continuing
Report of Progress	No properties have been purchased by the city to date.

Action 6.2.1 [2.4]: Provide information on the benefits of local governments budgeting for and implementing both hazard mitigation projects and cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole

Action Worksheet	
Name of Jurisdiction:	Argyle
Risk / Vulnerability	
Problem being Mitigated:	Lack information/awareness of the benefits of hazard mitigation projects and of cost-share programs with private property owners
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.2.1 [2.4]
Name of Action or Project:	Program to provide information on benefits of mitigation projects and mitigation cost-share programs.
Action or Project Description:	Provide information on the benefits of local governments budgeting for and implementing both hazard mitigation projects and cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole
Applicable Goal Statement:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
Estimated Cost:	\$2,500 - \$5,500
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, EMDs
Action/Project Priority:	25 - 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, capital improvement plans, comprehensive plans, strategic plans
Progress Report	
Action Status	Revised - Continuing
Report of Progress	No progress.

Goal 3: Reduce the potential impact of natural disaster on the continuity of government and essential services.

Action 3.2.3 [3.1]: Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.

Action Worksheet	
Name of Jurisdiction:	Argyle
Risk / Vulnerability	
Problem being Mitigated:	Lack of communication between jurisdictions and related organizations for on-going mitigation planning.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.2.3 [3.1]
Name of Action or Project:	Meeting of local jurisdictions to participate in efforts to identify, assess, and prioritize hazard mitigation projects throughout the county, merge hazard mitigation with other plans and projects.
Action or Project Description:	Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.
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:	\$100 - \$250
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:	Chair, EMD
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:	LEOP, Hazard Mitigation Plan, public works capital improvement plans
Progress Report	
Action Status	Revised - Continuing– in progress
Report of Progress	The county EMD regularly meets with jurisdictions and response agencies – routinely as well as following incidents. More focus will be placed on hazard mitigation planning and the city would benefit from participating in these meetings.

Action 6.3.2 [3.2]: Acquire generators for essential service providers as funding allows.

Action Worksheet	
Name of Jurisdiction:	Argyle
Risk / Vulnerability	
Problem being Mitigated:	Loss of essential services during power outages
Hazard(s) Addressed:	Severe Storm, Tornado, Severe Winter Weather
Action or Project	
Action/Project Number:	6.3.2 [3.2]
Name of Action or Project:	Maintaining power to essential services businesses.
Action or Project Description:	Acquire generators for essential service providers as funding allows.
Applicable Goal Statement:	Reduce the potential impact of natural disaster on the continuity of government and essential services.
Estimated Cost:	\$8,000 - \$75,000 per unit
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:	EMD, Chair, Board of Trustees
Action/Project Priority:	23 - High Priority
Timeline for Completion:	1 – 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	Revised - Continuing
Report of Progress	No progress. The city does not own any generators.

Action 2.1.2 [3.3]: On an annual basis, the EMD will coordinate with other public agencies to hold a meeting to evaluate and update emergency operation plans.

Action Worksheet	
Name of Jurisdiction:	Argyle
Risk / Vulnerability	
Problem being Mitigated:	Risks and vulnerabilities of not having updated LEOPs.
Hazard(s) Addressed:	All Hazard
Action or Project	
Action/Project Number:	2.1.2 [3.3]
Name of Action or Project:	Maintaining/updating LEOPs.
Action or Project Description:	On an annual basis, the EMD will coordinate with other public agencies to hold a meeting to evaluate and update emergency operation plans.
Applicable Goal Statement:	Reduce the potential impact of natural disaster on the continuity of government and essential services.
Estimated Cost:	\$100 - \$2,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	EMD, Chair
Action/Project Priority:	28 - High Priority
Timeline for Completion:	Annually – 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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	Revised - Continuing
Report of Progress	County EMD meets regularly with public agencies in the county and at the state level to review and update emergency operations and plans. The city would benefit from being more involved in these activities.

Chamois

Goal 1: Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.

Action 1.3.2 [1.1]: Complete road and bridge upgrade projects that would reduce danger to residents during occurrences of natural disasters as funding allows. This includes culvert upgrades and replacements as well as elevating roads and improving bridges and low water crossings.

Action Worksheet	
Name of Jurisdiction:	Chamois
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flooding and inadequate road/bridge structures and impacts on residents and their property.
Hazard(s) Addressed:	Flood, earthquake
Action or Project	
Action/Project Number:	1.3.2 [1.1]
Name of Action or Project:	Road and bridge mitigation
Action or Project Description:	Complete road and bridge upgrade projects that would reduce danger to residents during occurrences of natural disasters as funding allows. This includes culvert upgrades and replacements as well as elevating roads and improving bridges and low water crossings.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown due to variables.
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:	Mayor, Board of Aldermen, Public Works Department
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:	Local government capital improvement plans, budgets for road, bridge and utilities
Progress Report	
Action Status	Revised – Not started
Report of Progress	No progress.

Action 1.3.4 [1.2]: Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.

Action Worksheet	
Name of Jurisdiction:	Chamois
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent/inadequate shelters for residents during storm events
Hazard(s) Addressed:	Severe Storm (Hail/Wind) and Tornado
Action or Project	
Action/Project Number:	1.3.4 [1.2]
Name of Action or Project:	Construct storm shelters and tornado safe rooms near areas of high population densities
Action or Project Description:	Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown due to variables
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:	Mayor, Board of Aldermen, EMD
Action/Project Priority:	22 – High Priority
Timeline for Completion:	1 – 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	Revised – Continuing
Report of Progress	No progress. The city does not have a FEMA certified tornado shelter.

Action 6.2.2 [1.3]: Implement public awareness program about the benefits of adopted hazard mitigation projects, both public and private through press releases, brochures, EMD website and Facebook, including changes to mitigation policy to keep the public aware of changes and/or new regulations.

Action Worksheet	
Name of Jurisdiction:	Chamois
Risk / Vulnerability	
Problem being Mitigated:	Lack of knowledge among the general public on the importance / benefit of hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.2.2 [1.3]
Name of Action or Project:	Public awareness program on hazard mitigation
Action or Project Description:	Implement public awareness program about the benefits of adopted hazard mitigation projects, both public and private through press releases, brochures, EMD website and Facebook, including changes to mitigation policy to keep the public aware of changes and/or new regulations.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	\$500 - \$5,500
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:	EMD, Mayor
Action/Project Priority:	26 - 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:	LEOP, Hazard Mitigation Plan, comprehensive plans, capital improvement plans, strategic plans
Progress Report	
Action Status	Revised - Continuing
Report of Progress	There has been no progress on the part of the city. However, press releases on the hazard mitigation plan raise awareness. Press releases and activities following disasters such as flooding raised awareness of mitigation and activities that local governments as well as private citizens can do to reduce their vulnerabilities to disasters. This activity would benefit from the development and distribution or posting of brochures on hazard mitigation.

Action 1.4: Obtain and upgrade early warning systems and improved communication systems as funding allows.

Action Worksheet	
Name of Jurisdiction:	Chamois
Risk / Vulnerability	
Problem being Mitigated:	
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.4
Name of Action or Project:	Obtain and upgrade early warning systems and improved communication systems.
Action or Project Description:	Obtain and upgrade early warning systems and improved communication systems as funding allows, including tornado sirens and text and phone systems.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Mayor, Board of Aldermen, EMD
Action/Project Priority:	22 - 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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	New – in Progress
Report of Progress	The city has one tornado siren. In addition, residents can use Osage County’s Smart911 and Wireless Emergency Alerts to receive warnings.

Goal 2: Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.

Action 2.1.9 [2.1]: Elevate structures located in the floodplain to be compliant with local flood ordinances as funding allows.

Action Worksheet	
Name of Jurisdiction:	Chamois
Risk / Vulnerability	
Problem being Mitigated:	Risk and vulnerabilities associated with non-elevated structures in the floodplain.
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	2.1.9 [2.1]
Name of Action or Project:	Elevate structures in the floodplain.
Action or Project Description:	Work with property owners to get all structures located in the flood plain in compliance with the county flood ordinance and elevated as necessary.
Applicable Goal Statement:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
Estimated Cost:	\$30,000 and up per structure
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, County Commission, EMD
Action/Project Priority:	23 – High Priority
Timeline for Completion:	1 – 10 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services, Increased Cost of Compliance grants
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, floodplain ordinance
Progress Report	
Action Status	Revised – in Progress
Report of Progress	The floodplain manager notifies those property owners who are required to elevate.

Action 2.2.2 [2.2]: Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.

Action Worksheet	
Name of Jurisdiction:	Chamois
Risk / Vulnerability	
Problem being Mitigated:	Risk and vulnerabilities associated with lack of compliance with NFIP requirements.
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	2.2.2 [2.2]
Name of Action or Project:	NFIP compliance
Action or Project Description:	Continued compliance with NFIP requirements.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	\$4,000 - \$8,000
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, Mayor, 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, Increased Cost of Compliance grants
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, city floodplain ordinance
Progress Report	
Action Status	Continuing – in Progress
Report of Progress	The floodplain manager continues to enforce the floodplain ordinance.

Action 5.2.1 [2.3]: Purchase properties in the floodplain as funds become available and convert that land into open public space.

Action Worksheet	
Name of Jurisdiction:	Chamois
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with floodplain properties
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	5.2.1
Name of Action or Project:	Purchase properties in the floodplain as funds become available and convert that land into public space.
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:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
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:	Mayor, Floodplain Manager, Board of Aldermen
Action/Project Priority:	22 –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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	Revised - Continuing
Report of Progress	No properties have been purchased by the city to date.

Action 6.2.1 [2.4]: Provide information on the benefits of local governments budgeting for and implementing both hazard mitigation projects and cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole

Action Worksheet	
Name of Jurisdiction:	Chamois
Risk / Vulnerability	
Problem being Mitigated:	Lack information/awareness of the benefits of hazard mitigation projects and of cost-share programs with private property owners
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.2.1 [2.4]
Name of Action or Project:	Program to provide information on benefits of mitigation projects and mitigation cost-share programs.
Action or Project Description:	Provide information on the benefits of local governments budgeting for and implementing both hazard mitigation projects and cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole
Applicable Goal Statement:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
Estimated Cost:	\$2,500 - \$5,500
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:	Mayor, EMD
Action/Project Priority:	25 - 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, capital improvement plans, comprehensive plans, strategic plans
Progress Report	
Action Status	Revised - Continuing
Report of Progress	The city does not have a cost-share program. This is a program that could benefit from more organized guidelines and focused efforts if additional funding could be secured.

Goal 3: Reduce the potential impact of natural disaster on the continuity of government and essential services.

Action 3.2.3 [3.1]: Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.

Action Worksheet	
Name of Jurisdiction:	Chamois
Risk / Vulnerability	
Problem being Mitigated:	Lack of communication between jurisdictions and related organizations for on-going mitigation planning.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.2.3 [3.1]
Name of Action or Project:	Meeting of local jurisdictions to participate in efforts to identify, assess, and prioritize hazard mitigation projects throughout the county, merge hazard mitigation with other plans and projects.
Action or Project Description:	Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.
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:	\$100 - \$250
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:	Mayor, EMD
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:	LEOP, Hazard Mitigation Plan, capital improvement plans
Progress Report	
Action Status	Revised - Continuing– in progress
Report of Progress	The county EMD meets with jurisdictions and response agencies – routinely as well as following incidents. County commissioners also regularly visit cities in their jurisdiction to discuss issues. More focus will be placed on hazard mitigation planning. The city would benefit from becoming more involved in these activities.

Action 6.3.2 [3.2]: Acquire generators for essential service providers as funding allows.

Action Worksheet	
Name of Jurisdiction:	Chamois
Risk / Vulnerability	
Problem being Mitigated:	Loss of essential services during power outages
Hazard(s) Addressed:	Severe Storm, Tornado, Severe Winter Weather
Action or Project	
Action/Project Number:	6.3.2 [3.2]
Name of Action or Project:	Maintaining power to essential services businesses.
Action or Project Description:	Acquire generators for essential service providers as funding allows.
Applicable Goal Statement:	Reduce the potential impact of natural disaster on the continuity of government and essential services.
Estimated Cost:	\$8,000 - \$75,000 per unit
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:	23 - High Priority
Timeline for Completion:	1 – 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	Revised - Continuing
Report of Progress	The city has one portable generator.

Action 2.1.2 [3.3]: On an annual basis, the EMD will coordinate with other public agencies to hold a meeting to evaluate and update emergency operation plans.

Action Worksheet	
Name of Jurisdiction:	Chamois
Risk / Vulnerability	
Problem being Mitigated:	Risks and vulnerabilities of not having updated LEOPs.
Hazard(s) Addressed:	All Hazard
Action or Project	
Action/Project Number:	2.1.2 [3.3]
Name of Action or Project:	Maintaining/updating LEOPs.
Action or Project Description:	On an annual basis, the EMD will coordinate with other public agencies to hold a meeting to evaluate and update emergency operation plans.
Applicable Goal Statement:	Reduce the potential impact of natural disaster on the continuity of government and essential services.
Estimated Cost:	\$100 - \$2,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	EMD
Action/Project Priority:	28 - High Priority
Timeline for Completion:	Annually – 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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	Revised - Continuing
Report of Progress	The County EMD meets regularly with public agencies in the county and at the state level to review and update emergency operations and plans. The city would benefit from participating more in these activities.

Freeburg

Goal 1: Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.

Action 1.3.2 [1.1]: Complete road and bridge upgrade projects that would reduce danger to residents during occurrences of natural disasters as funding allows. This includes culvert upgrades and replacements as well as elevating roads and improving bridges and low water crossings.

Action Worksheet	
Name of Jurisdiction:	Freeburg
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flooding and inadequate road/bridge structures and impacts on residents and their property.
Hazard(s) Addressed:	Flood, earthquake
Action or Project	
Action/Project Number:	1.3.2 [1.1]
Name of Action or Project:	Road and bridge mitigation
Action or Project Description:	Complete road and bridge upgrade projects that would reduce danger to residents during occurrences of natural disasters as funding allows. This includes culvert upgrades and replacements as well as elevating roads and improving bridges and low water crossings.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown due to variables.
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:	Chair, Board of Trustees, Public Works Department
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:	Local government capital improvement plans, budgets for road, bridge and utilities
Progress Report	
Action Status	Revised – Continuing
Report of Progress	No progress.

Action 1.3.4 [1.2]: Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.

Action Worksheet	
Name of Jurisdiction:	Freeburg
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent/inadequate shelters for residents during storm events
Hazard(s) Addressed:	Severe Storm (Hail/Wind) and Tornado
Action or Project	
Action/Project Number:	1.3.4 [1.2]
Name of Action or Project:	Construct storm shelters and tornado safe rooms near areas of high population densities
Action or Project Description:	Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown due to variables
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:	Chair, Board of Trustees, EMD
Action/Project Priority:	22 – High Priority
Timeline for Completion:	1 – 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	Revised – Continuing
Report of Progress	The city does not currently have any FEMA certified storm shelters. The city does have a designated storm shelter for the community.

Action 6.2.2 [1.3]: Implement public awareness program about the benefits of adopted hazard mitigation projects, both public and private through press releases, brochures, EMD website and Facebook, including changes to mitigation policy to keep the public aware of changes and/or new regulations.

Action Worksheet	
Name of Jurisdiction:	Freeburg
Risk / Vulnerability	
Problem being Mitigated:	Lack of knowledge among the general public on the importance / benefit of hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.2.2 [1.3]
Name of Action or Project:	Public awareness program on hazard mitigation
Action or Project Description:	Implement public awareness program about the benefits of adopted hazard mitigation projects, both public and private through press releases, brochures, EMD website and Facebook, including changes to mitigation policy to keep the public aware of changes and/or new regulations.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	\$500 - \$5,500
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:	EMD
Action/Project Priority:	26 - 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:	LEOP, Hazard Mitigation Plan, comprehensive plans, capital improvement plans, strategic plans
Progress Report	
Action Status	Revised - Continuing in progress
Report of Progress	There has been some progress on this activity. Press releases on the hazard mitigation plan raise awareness. Press releases and activities following disasters such as flooding raised awareness of mitigation and activities that local governments as well as private citizens can do to reduce their vulnerabilities to disasters. This activity would benefit from a more focused approach and the development and distribution or posting of brochures on hazard mitigation.

Action 1.4: Obtain and upgrade early warning systems and improved communication systems as funding allows.

Action Worksheet	
Name of Jurisdiction:	Freeburg
Risk / Vulnerability	
Problem being Mitigated:	
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.4
Name of Action or Project:	Obtain and upgrade early warning systems and improved communication systems.
Action or Project Description:	Obtain and upgrade early warning systems and improved communication systems as funding allows, including tornado sirens and text and phone systems.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Chair, Board of Trustees, EMD
Action/Project Priority:	22 - 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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	New – in Progress
Report of Progress	The city has two tornado sirens. Residents are also able to access Osage County’s Smart911 and Wireless Emergency Alerts (WEAs).

Goal 2: Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.

Action 6.2.1 [2.4]: Provide information on the benefits of local governments budgeting for and implementing both hazard mitigation projects and cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole

Action Worksheet	
Name of Jurisdiction:	Freeburg
Risk / Vulnerability	
Problem being Mitigated:	Lack information/awareness of the benefits of hazard mitigation projects and of cost-share programs with private property owners
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.2.1 [2.4]
Name of Action or Project:	Program to provide information on benefits of mitigation projects and mitigation cost-share programs.
Action or Project Description:	Provide information on the benefits of local governments budgeting for and implementing both hazard mitigation projects and cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole
Applicable Goal Statement:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
Estimated Cost:	\$2,500 - \$5,500
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:	EMD, Chair, Board of Trustees
Action/Project Priority:	25 - 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, capital improvement plans, comprehensive plans, strategic plans
Progress Report	
Action Status	Revised - Continuing
Report of Progress	No progress. The city currently does not have a program in place. This is a program that could benefit from more organized guidelines and focused efforts if additional funding could be secured.

Goal 3: Reduce the potential impact of natural disaster on the continuity of government and essential services.

Action 3.2.3 [3.1]: Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.

Action Worksheet	
Name of Jurisdiction:	Freeburg
Risk / Vulnerability	
Problem being Mitigated:	Lack of communication between jurisdictions and related organizations for on-going mitigation planning.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.2.3 [3.1]
Name of Action or Project:	Meeting of local jurisdictions to participate in efforts to identify, assess, and prioritize hazard mitigation projects throughout the county, merge hazard mitigation with other plans and projects.
Action or Project Description:	Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.
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:	\$100 - \$250
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:	Chair, Board of Trustees, EMD
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:	LEOP, Hazard Mitigation Plan, capital improvement plans
Progress Report	
Action Status	Revised - Continuing– in progress
Report of Progress	The county EMD regularly meets with jurisdictions and response agencies – routinely as well as following incidents. County commissioners also regularly visit cities in their jurisdiction to discuss issues. More focus will be placed on hazard mitigation planning. The city would benefit from participating more in these activities.

Action 6.3.2 [3.2]: Acquire generators for essential service providers as funding allows.

Action Worksheet	
Name of Jurisdiction:	Freeburg
Risk / Vulnerability	
Problem being Mitigated:	Loss of essential services during power outages
Hazard(s) Addressed:	Severe Storm, Tornado, Severe Winter Weather
Action or Project	
Action/Project Number:	6.3.2 [3.2]
Name of Action or Project:	Maintaining power to essential services businesses.
Action or Project Description:	Acquire generators for essential service providers as funding allows.
Applicable Goal Statement:	Reduce the potential impact of natural disaster on the continuity of government and essential services.
Estimated Cost:	\$8,000 - \$75,000 per unit
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:	EMD, Chair
Action/Project Priority:	23 - High Priority
Timeline for Completion:	1 – 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	Revised - Continuing
Report of Progress	The city has one fixed generator.

Action 2.1.2 [3.3]: On an annual basis, the EMD will coordinate with other public agencies to hold a meeting to evaluate and update emergency operation plans.

Action Worksheet	
Name of Jurisdiction:	Freeburg
Risk / Vulnerability	
Problem being Mitigated:	Risks and vulnerabilities of not having updated LEOPs.
Hazard(s) Addressed:	All Hazard
Action or Project	
Action/Project Number:	2.1.2 [3.3]
Name of Action or Project:	Maintaining/updating LEOPs.
Action or Project Description:	On an annual basis, the EMD will coordinate with other public agencies to hold a meeting to evaluate and update emergency operation plans.
Applicable Goal Statement:	Reduce the potential impact of natural disaster on the continuity of government and essential services.
Estimated Cost:	\$100 - \$2,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	EMD, Chair
Action/Project Priority:	28 - High Priority
Timeline for Completion:	Annually – 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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	Revised - Continuing
Report of Progress	EMD meets regularly with public agencies in the county and at the state level to review and update emergency operations and plans. The city would benefit from participating more in these activities.

Linn

Goal 1: Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.

Action 1.3.2 [1.1]: Complete road and bridge upgrade projects that would reduce danger to residents during occurrences of natural disasters as funding allows. This includes culvert upgrades and replacements as well as elevating roads and improving bridges and low water crossings.

Action Worksheet	
Name of Jurisdiction:	Linn
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flooding and inadequate road/bridge structures and impacts on residents and their property.
Hazard(s) Addressed:	Flood, earthquake
Action or Project	
Action/Project Number:	1.3.2 [1.1]
Name of Action or Project:	Road and bridge mitigation
Action or Project Description:	Complete road and bridge upgrade projects that would reduce danger to residents during occurrences of natural disasters as funding allows. This includes culvert upgrades and replacements as well as elevating roads and improving bridges and low water crossings.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown due to variables.
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:	Mayor, Board of Aldermen, Public Works Department
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:	Local government capital improvement plans, budgets for road, bridge and utilities
Progress Report	
Action Status	Revised – Continuing – in progress
Report of Progress	The city and Public Works Department reviews projects and searches for ways to improve by upsizing culverts; moving projects to improve drainage, etc. This program would benefit from a more focused approach to mitigating problem areas in the community.

Action 1.3.4 [1.2]: Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.

Action Worksheet	
Name of Jurisdiction:	Linn
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent/inadequate shelters for residents during storm events
Hazard(s) Addressed:	Severe Storm (Hail/Wind) and Tornado
Action or Project	
Action/Project Number:	1.3.4 [1.2]
Name of Action or Project:	Construct storm shelters and tornado safe rooms near areas of high population densities
Action or Project Description:	Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown due to variables
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:	Mayor, Board of Aldermen, EMD
Action/Project Priority:	22 – High Priority
Timeline for Completion:	1 – 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	Revised – Continuing
Report of Progress	A community certified tornado safe room exists on the campus of State Technical College of Missouri just east of the city. However, the city would benefit from having additional certified shelters at schools and other population dense areas.

Action 6.2.2 [1.3]: Implement public awareness program about the benefits of adopted hazard mitigation projects, both public and private through press releases, brochures, EMD website and Facebook, including changes to mitigation policy to keep the public aware of changes and/or new regulations.

Action Worksheet	
Name of Jurisdiction:	Linn
Risk / Vulnerability	
Problem being Mitigated:	Lack of knowledge among the general public on the importance/benefit of hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.2.2 [1.3]
Name of Action or Project:	Public awareness program on hazard mitigation
Action or Project Description:	Implement public awareness program about the benefits of adopted hazard mitigation projects, both public and private through press releases, brochures, EMD website and Facebook, including changes to mitigation policy to keep the public aware of changes and/or new regulations.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	\$500 - \$5,500
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:	EMD
Action/Project Priority:	26 - 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:	LEOP, Hazard Mitigation Plan, comprehensive plans, capital improvement plans, strategic plans
Progress Report	
Action Status	Revised - Continuing in progress
Report of Progress	There has been some progress on this activity. Press releases on the hazard mitigation plan raise awareness. Press releases and activities following disasters such as flooding raised awareness of mitigation and activities that local governments as well as private citizens can do to reduce their vulnerabilities to disasters. This activity would benefit from the development and distribution or posting of brochures on hazard mitigation.

Action 1.4: Obtain and upgrade early warning systems and improved communication systems as funding allows.

Action Worksheet	
Name of Jurisdiction:	Linn
Risk / Vulnerability	
Problem being Mitigated:	
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.4
Name of Action or Project:	Obtain and upgrade early warning systems and improved communication systems.
Action or Project Description:	Obtain and upgrade early warning systems and improved communication systems as funding allows, including tornado sirens and text and phone systems.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Mayor, Board of Aldermen, EMD
Action/Project Priority:	22 - 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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	New – in Progress
Report of Progress	The city has two tornado sirens. Residents can also use Osage County’s Smart911 and Wireless Emergency Alerts (WEAs).

Goal 2: Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.

Action 2.1.9 [2.1]: Elevate structures located in the floodplain to be compliant with local flood ordinances as funding allows.

Action Worksheet	
Name of Jurisdiction:	Linn
Risk / Vulnerability	
Problem being Mitigated:	Risk and vulnerabilities associated with non-elevated structures in the floodplain.
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	2.1.9
Name of Action or Project:	Elevate structures in the floodplain.
Action or Project Description:	Work with property owners to get all structures located in the flood plain in compliance with the county flood ordinance and elevated as necessary.
Applicable Goal Statement:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
Estimated Cost:	\$30,000 and up per structure
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, Mayor, Board of Aldermen
Action/Project Priority:	23 – High Priority
Timeline for Completion:	1 – 10 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services, Increased Cost of Compliance grants
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, floodplain ordinance
Progress Report	
Action Status	Revised – in Progress
Report of Progress	The floodplain manager notifies those property owners who are required to elevate.

Action 2.2.2 [2.2]: Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.

Action Worksheet	
Name of Jurisdiction:	Linn
Risk / Vulnerability	
Problem being Mitigated:	Risk and vulnerabilities associated with lack of compliance with NFIP requirements.
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	2.2.2 [2.2]
Name of Action or Project:	NFIP compliance
Action or Project Description:	Continued compliance with NFIP requirements.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	\$4,000 - \$8,000
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, Mayor, 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, Increased Cost of Compliance grants
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, floodplain ordinance
Progress Report	
Action Status	Continuing – in Progress
Report of Progress	The floodplain manager continues to enforce the floodplain ordinance and provide information to local property owners on the benefits and requirements of the NFIP.

Action 5.2.1 [2.3]: Purchase properties in the floodplain as funds become available and convert that land into open public space.

Action Worksheet	
Name of Jurisdiction:	Linn
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with floodplain properties
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	5.2.1
Name of Action or Project:	Purchase properties in the floodplain as funds become available and convert that land into public space.
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:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
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:	Floodplain Manager, Mayor, Board of Aldermen
Action/Project Priority:	22 –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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	Revised - Continuing
Report of Progress	No properties have been purchased by the city to date.

Action 6.2.1 [2.4]: Provide information on the benefits of local governments budgeting for and implementing both hazard mitigation projects and cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole

Action Worksheet	
Name of Jurisdiction:	Linn
Risk / Vulnerability	
Problem being Mitigated:	Lack information/awareness of the benefits of hazard mitigation projects and of cost-share programs with private property owners
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.2.1 [2.4]
Name of Action or Project:	Program to provide information on benefits of mitigation projects and mitigation cost-share programs.
Action or Project Description:	Provide information on the benefits of local governments budgeting for and implementing both hazard mitigation projects and cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole
Applicable Goal Statement:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
Estimated Cost:	\$2,500 - \$5,500
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:	Mayor, Board of Aldermen, EMDs
Action/Project Priority:	25 - 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, capital improvement plans, comprehensive plans, strategic plans
Progress Report	
Action Status	Revised - Continuing - in progress
Report of Progress	The city does not currently have a cost-share program for mitigation projects done by residents. This is a program that could benefit from more organized guidelines and focused efforts to raise awareness if additional funding could be secured.

Goal 3: Reduce the potential impact of natural disaster on the continuity of government and essential services.

Action 3.2.3 [3.1]: Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.

Action Worksheet	
Name of Jurisdiction:	Linn
Risk / Vulnerability	
Problem being Mitigated:	Lack of communication between jurisdictions and related organizations for on-going mitigation planning.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.2.3 [3.1]
Name of Action or Project:	Meeting of local jurisdictions to participate in efforts to identify, assess, and prioritize hazard mitigation projects throughout the county, merge hazard mitigation with other plans and projects.
Action or Project Description:	Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.
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:	\$100 - \$250
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:	Mayor, Board of Aldermen, EMD
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:	LEOP, Hazard Mitigation Plan, road and bridge capital improvement plans
Progress Report	
Action Status	Revised - Continuing– in progress
Report of Progress	The county EMD regularly meets with jurisdictions and response agencies – routinely as well as following incidents. County commissioners also regularly visit cities in their jurisdiction to discuss issues. More focus will be placed on hazard mitigation planning. The city would benefit from participating more in these meetings.

Action 6.3.2 [3.2]: Acquire generators for essential service providers as funding allows.

Action Worksheet	
Name of Jurisdiction:	Linn
Risk / Vulnerability	
Problem being Mitigated:	Loss of essential services during power outages
Hazard(s) Addressed:	Severe Storm, Tornado, Severe Winter Weather
Action or Project	
Action/Project Number:	6.3.2 [3.2]
Name of Action or Project:	Maintaining power to essential services businesses.
Action or Project Description:	Acquire generators for essential service providers as funding allows.
Applicable Goal Statement:	Reduce the potential impact of natural disaster on the continuity of government and essential services.
Estimated Cost:	\$8,000 - \$75,000 per unit
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:	EMD
Action/Project Priority:	23 - High Priority
Timeline for Completion:	1 – 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	Revised - Continuing
Report of Progress	The city has two generators.

Action 2.1.2 [3.3]: On an annual basis, the EMD will coordinate with other public agencies to hold a meeting to evaluate and update emergency operation plans.

Action Worksheet	
Name of Jurisdiction:	Linn
Risk / Vulnerability	
Problem being Mitigated:	Risks and vulnerabilities of not having updated LEOPs.
Hazard(s) Addressed:	All Hazard
Action or Project	
Action/Project Number:	2.1.2 [3.3]
Name of Action or Project:	Maintaining/updating LEOPs.
Action or Project Description:	On an annual basis, the EMD will coordinate with other public agencies to hold a meeting to evaluate and update emergency operation plans.
Applicable Goal Statement:	Reduce the potential impact of natural disaster on the continuity of government and essential services.
Estimated Cost:	\$100 - \$2,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	EMD
Action/Project Priority:	28 - High Priority
Timeline for Completion:	Annually – 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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	Revised - Continuing
Report of Progress	The County EMD meets regularly with public agencies in the county and at the state level to review and update emergency operations and plans. The city would benefit from participating more in these activities.

Meta

Goal 1: Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.

Action 1.3.2 [1.1]: Complete road and bridge upgrade projects that would reduce danger to residents during occurrences of natural disasters as funding allows. This includes culvert upgrades and replacements as well as elevating roads and improving bridges and low water crossings.

Action Worksheet	
Name of Jurisdiction:	Meta
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flooding and inadequate road/bridge structures and impacts on residents and their property.
Hazard(s) Addressed:	Flood, earthquake
Action or Project	
Action/Project Number:	1.3.2 [1.1]
Name of Action or Project:	Road and bridge mitigation
Action or Project Description:	Complete road and bridge upgrade projects that would reduce danger to residents during occurrences of natural disasters as funding allows. This includes culvert upgrades and replacements as well as elevating roads and improving bridges and low water crossings.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown due to variables.
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:	Mayor, Board of Aldermen, Public Works Department
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:	Local government capital improvement plans, budgets for road, bridge and utilities
Progress Report	
Action Status	Revised – Continuing – in progress
Report of Progress	The public works department searches for ways to improve drainage when doing street and bridge work. This program would benefit from a more focused approach to including mitigation in projects.

Action 1.3.4 [1.2]: Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.

Action Worksheet	
Name of Jurisdiction:	Meta
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent/inadequate shelters for residents during storm events
Hazard(s) Addressed:	Severe Storm (Hail/Wind) and Tornado
Action or Project	
Action/Project Number:	1.3.4 [1.2]
Name of Action or Project:	Construct storm shelters and tornado safe rooms near areas of high population densities
Action or Project Description:	Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown due to variables
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:	Mayor, Board of Aldermen, EMD
Action/Project Priority:	22 – High Priority
Timeline for Completion:	1 – 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	Revised – Continuing
Report of Progress	The city does not have a FEMA certified tornado shelter. The city would benefit from having certified shelters at population dense employers.

Action 6.2.2 [1.3]: Implement public awareness program about the benefits of adopted hazard mitigation projects, both public and private through press releases, brochures, EMD website and Facebook, including changes to mitigation policy to keep the public aware of changes and/or new regulations.

Action Worksheet	
Name of Jurisdiction:	Meta
Risk / Vulnerability	
Problem being Mitigated:	Lack of knowledge among the general public on the importance / benefit of hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.2.2 [1.3]
Name of Action or Project:	Public awareness program on hazard mitigation
Action or Project Description:	Implement public awareness program about the benefits of adopted hazard mitigation projects, both public and private through press releases, brochures, EMD website and Facebook, including changes to mitigation policy to keep the public aware of changes and/or new regulations.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	\$500 - \$5,500
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:	EMD
Action/Project Priority:	26 - 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:	LEOP, Hazard Mitigation Plan, comprehensive plans, capital improvement plans, strategic plans
Progress Report	
Action Status	Revised - Continuing in progress
Report of Progress	There has been some progress on this activity. Press releases on the hazard mitigation plan raise awareness. Press releases and activities following disasters such as flooding raised awareness of mitigation and activities that local governments as well as private citizens can do to reduce their vulnerabilities to disasters. This activity would benefit from the development and distribution or posting of brochures on hazard mitigation.

Action 1.4: Obtain and upgrade early warning systems and improved communication systems as funding allows.

Action Worksheet	
Name of Jurisdiction:	Meta
Risk / Vulnerability	
Problem being Mitigated:	
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.4
Name of Action or Project:	Obtain and upgrade early warning systems and improved communication systems.
Action or Project Description:	Obtain and upgrade early warning systems and improved communication systems as funding allows, including tornado sirens and text and phone systems.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Mayor, Board of Aldermen, EMD
Action/Project Priority:	22 - 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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	New – in Progress
Report of Progress	The city has one tornado siren. Residents are able to use Osage County’s Smart911 and Wireless Emergency Alerts (WEAs).

Goal 2: Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.

Action 2.1.9 [2.1]: Elevate structures located in the floodplain to be compliant with local flood ordinances as funding allows.

Action Worksheet	
Name of Jurisdiction:	Meta
Risk / Vulnerability	
Problem being Mitigated:	Risk and vulnerabilities associated with non-elevated structures in the floodplain.
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	2.1.9 [2.1]
Name of Action or Project:	Elevate structures in the floodplain.
Action or Project Description:	Work with property owners to get all structures located in the flood plain in compliance with the county flood ordinance and elevated as necessary.
Applicable Goal Statement:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
Estimated Cost:	\$30,000 and up per structure
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, Mayor
Action/Project Priority:	23 – High Priority
Timeline for Completion:	1 – 10 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services, Increased Cost of Compliance grants
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, county floodplain ordinance
Progress Report	
Action Status	Revised – Continuing
Report of Progress	The city contracts with a floodplain management coordinator who notifies those property owners who are required to elevate.

Action 2.2.2 [2.2]: Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.

Action Worksheet	
Name of Jurisdiction:	Meta
Risk / Vulnerability	
Problem being Mitigated:	Risk and vulnerabilities associated with lack of compliance with NFIP requirements.
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	2.2.2 [2.2]
Name of Action or Project:	NFIP compliance
Action or Project Description:	Continued compliance with NFIP requirements.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	\$4,000 - \$8,000
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, Mayor
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, Increased Cost of Compliance grants
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, county floodplain ordinance
Progress Report	
Action Status	Continuing – in Progress
Report of Progress	The floodplain manager and coordinator continue to enforce the floodplain ordinance and provide information to local property owners on the benefits and requirements of the NFIP. Press releases are distributed annually and brochures are made available at city hall and the local bank.

Action 5.2.1 [2.3]: Purchase properties in the floodplain as funds become available and convert that land into open public space.

Action Worksheet	
Name of Jurisdiction:	Meta
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with floodplain properties
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	5.2.1 [2.3]
Name of Action or Project:	Purchase properties in the floodplain as funds become available and convert that land into public space.
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:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
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:	Mayor, Floodplain Manager
Action/Project Priority:	22 –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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	Revised - Continuing
Report of Progress	No properties have been purchased by the city to date.

Action 6.2.1 [2.4]: Provide information on the benefits of local governments budgeting for and implementing both hazard mitigation projects and cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole

Action Worksheet	
Name of Jurisdiction:	Meta
Risk / Vulnerability	
Problem being Mitigated:	Lack information/awareness of the benefits of hazard mitigation projects and of cost-share programs with private property owners
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.2.1 [2.4]
Name of Action or Project:	Program to provide information on benefits of mitigation projects and mitigation cost-share programs.
Action or Project Description:	Provide information on the benefits of local governments budgeting for and implementing both hazard mitigation projects and cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole
Applicable Goal Statement:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
Estimated Cost:	\$2,500 - \$5,500
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:	Mayor, Board of Aldermen, EMD
Action/Project Priority:	25 - 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, capital improvement plans, comprehensive plans, strategic plans
Progress Report	
Action Status	Revised - Continuing - in progress
Report of Progress	This is a program that could benefit from the development of a cost-share program and more awareness activities on hazard mitigation benefits if additional funding could be secured.

Goal 3: Reduce the potential impact of natural disaster on the continuity of government and essential services.

Action 3.2.3 [3.1]: Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.

Action Worksheet	
Name of Jurisdiction:	Meta
Risk / Vulnerability	
Problem being Mitigated:	Lack of communication between jurisdictions and related organizations for on-going mitigation planning.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.2.3 [3.1]
Name of Action or Project:	Meeting of local jurisdictions to participate in efforts to identify, assess, and prioritize hazard mitigation projects throughout the county, merge hazard mitigation with other plans and projects.
Action or Project Description:	Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.
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:	\$100 - \$250
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:	Mayor, Board of Aldermen, EMD
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:	LEOP, Hazard Mitigation Plan, road and bridge capital improvement plans
Progress Report	
Action Status	Revised - Continuing– in progress
Report of Progress	The county EMD regularly meets with jurisdictions and response agencies – routinely as well as following incidents. County commissioners also regularly visit cities in their jurisdiction to discuss issues. More focus will be placed on hazard mitigation planning. The city would benefit from participating more in these activities.

Action 6.3.2 [3.2]: Acquire generators for essential service providers as funding allows.

Action Worksheet	
Name of Jurisdiction:	Meta
Risk / Vulnerability	
Problem being Mitigated:	Loss of essential services during power outages
Hazard(s) Addressed:	Severe Storm, Tornado, Severe Winter Weather
Action or Project	
Action/Project Number:	6.3.2 [3.2]
Name of Action or Project:	Maintaining power to essential services businesses.
Action or Project Description:	Acquire generators for essential service providers as funding allows.
Applicable Goal Statement:	Reduce the potential impact of natural disaster on the continuity of government and essential services.
Estimated Cost:	\$8,000 - \$75,000 per unit
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:	Mayor, Board of Aldermen, EMD
Action/Project Priority:	23 - High Priority
Timeline for Completion:	1 – 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	Revised - Continuing
Report of Progress	The city does not have any generators.

Action 2.1.2 [3.3]: On an annual basis, the EMD will coordinate with other public agencies to hold a meeting to evaluate and update emergency operation plans.

Action Worksheet	
Name of Jurisdiction:	Meta
Risk / Vulnerability	
Problem being Mitigated:	Risks and vulnerabilities of not having updated LEOPs.
Hazard(s) Addressed:	All Hazard
Action or Project	
Action/Project Number:	2.1.2 [3.3]
Name of Action or Project:	Maintaining/updating LEOPs.
Action or Project Description:	On an annual basis, the EMD will coordinate with other public agencies to hold a meeting to evaluate and update emergency operation plans.
Applicable Goal Statement:	Reduce the potential impact of natural disaster on the continuity of government and essential services.
Estimated Cost:	\$100 - \$2,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	EMD, Mayor
Action/Project Priority:	28 - High Priority
Timeline for Completion:	Annually – 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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	Revised - Continuing
Report of Progress	The County EMD meets regularly with public agencies in the county and at the state level to review and update emergency operations and plans. The city would benefit from participating more in these activities.

Westphalia

Goal 1: Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.

Action 1.3.2 [1.1]: Complete road and bridge upgrade projects that would reduce danger to residents during occurrences of natural disasters as funding allows. This includes culvert upgrades and replacements as well as elevating roads and improving bridges and low water crossings.

Action Worksheet	
Name of Jurisdiction:	Westphalia
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with flooding and inadequate road/bridge structures and impacts on residents and their property.
Hazard(s) Addressed:	Flood, earthquake
Action or Project	
Action/Project Number:	1.3.2 [1.1]
Name of Action or Project:	Road and bridge mitigation
Action or Project Description:	Complete road and bridge upgrade projects that would reduce danger to residents during occurrences of natural disasters as funding allows. This includes culvert upgrades and replacements as well as elevating roads and improving bridges and low water crossings.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown due to variables.
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:	Mayor, Board of Aldermen, Public Works Department
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:	Local government capital improvement plans, budgets for road, bridge and utilities
Progress Report	
Action Status	Revised – Continuing – in progress
Report of Progress	The Public Works Department searches for ways to improve projects to improve drainage. This activity would benefit from a more focused approach to mitigation.

Action 1.3.4 [1.2]: Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.

Action Worksheet	
Name of Jurisdiction:	Westphalia
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent/inadequate shelters for residents during storm events
Hazard(s) Addressed:	Severe Storm (Hail/Wind) and Tornado
Action or Project	
Action/Project Number:	1.3.4 [1.2]
Name of Action or Project:	Construct storm shelters and tornado safe rooms near areas of high population densities
Action or Project Description:	Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown due to variables
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:	Mayor, Board of Aldermen, EMD
Action/Project Priority:	22 – High Priority
Timeline for Completion:	1 – 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	Revised – Continuing
Report of Progress	No progress. There are no FEMA certified tornado safe rooms in Westphalia. The City would benefit from having certified shelters at schools and large employers facilities.

Action 6.2.2 [1.3]: Implement public awareness program about the benefits of adopted hazard mitigation projects, both public and private through press releases, brochures, EMD website and Facebook, including changes to mitigation policy to keep the public aware of changes and/or new regulations.

Action Worksheet	
Name of Jurisdiction:	Westphalia
Risk / Vulnerability	
Problem being Mitigated:	Lack of knowledge among the general public on the importance / benefit of hazard mitigation projects.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.2.2 [1.3]
Name of Action or Project:	Public awareness program on hazard mitigation
Action or Project Description:	Implement public awareness program about the benefits of adopted hazard mitigation projects, both public and private through press releases, brochures, EMD website and Facebook, including changes to mitigation policy to keep the public aware of changes and/or new regulations.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	\$500 - \$5,500
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:	EMD, Mayor
Action/Project Priority:	26 - 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:	LEOP, Hazard Mitigation Plan, capital improvement plans
Progress Report	
Action Status	Revised - Continuing in progress
Report of Progress	There has been some progress on this activity. Press releases on the hazard mitigation plan raise awareness. Press releases and activities following disasters such as flooding raised awareness of mitigation and activities that local governments as well as private citizens can do to reduce their vulnerabilities to disasters. This activity would benefit from the development and distribution or posting of brochures on hazard mitigation.

Action 1.4: Obtain and upgrade early warning systems and improved communication systems as funding allows.

Action Worksheet	
Name of Jurisdiction:	Westphalia
Risk / Vulnerability	
Problem being Mitigated:	
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.4
Name of Action or Project:	Obtain and upgrade early warning systems and improved communication systems.
Action or Project Description:	Obtain and upgrade early warning systems and improved communication systems as funding allows, including tornado sirens and text and phone systems.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Mayor, Board of Aldermen, EMD
Action/Project Priority:	22 - 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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	New – in Progress
Report of Progress	The city has one tornado siren. Residents can use Osage County’s Smart911 and Wireless Emergency Alerts (WEAs).

Goal 2: Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.

Action 2.1.9 [2.1]: Elevate structures located in the floodplain to be compliant with local flood ordinances as funding allows.

Action Worksheet	
Name of Jurisdiction:	Westphalia
Risk / Vulnerability	
Problem being Mitigated:	Risk and vulnerabilities associated with non-elevated structures in the floodplain.
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	2.1.9
Name of Action or Project:	Elevate structures in the floodplain.
Action or Project Description:	Work with property owners to get all structures located in the flood plain in compliance with the county flood ordinance and elevated as necessary.
Applicable Goal Statement:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
Estimated Cost:	\$30,000 and up per structure
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, Mayor
Action/Project Priority:	23 – High Priority
Timeline for Completion:	1 – 10 years
Potential Fund Sources:	Grants, local general revenue funds, and private donations of cash, goods, or services, Increased Cost of Compliance grants
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, county floodplain ordinance
Progress Report	
Action Status	Revised – in Progress
Report of Progress	In the past five years the city has required one business to elevate a structure in the floodplain.

Action 2.2.2 [2.2]: Continue to enforce flood damage prevention/floodplain management ordinances in compliance with NFIP requirements.

Action Worksheet	
Name of Jurisdiction:	Westphalia
Risk / Vulnerability	
Problem being Mitigated:	Risk and vulnerabilities associated with lack of compliance with NFIP requirements.
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	2.2.2 [2.2]
Name of Action or Project:	NFIP compliance
Action or Project Description:	Continued compliance with NFIP requirements.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	\$4,000 - \$8,000
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, Mayor
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, Increased Cost of Compliance grants
Local Planning Mechanisms to be Used in Implementation, if any:	Hazard Mitigation Plan, county floodplain ordinance
Progress Report	
Action Status	Continuing – in Progress
Report of Progress	The floodplain manager continues to enforce the floodplain ordinance and provide information to local property owners on the benefits and requirements of the NFIP.

Action 5.2.1 [2.3]: Purchase properties in the floodplain as funds become available and convert that land into open public space.

Action Worksheet	
Name of Jurisdiction:	Westphalia
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with floodplain properties
Hazard(s) Addressed:	Flood
Action or Project	
Action/Project Number:	5.2.1 [2.3]
Name of Action or Project:	Purchase properties in the floodplain as funds become available and convert that land into public space.
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:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
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:	Mayor, Board of Aldermen, Floodplain Manager
Action/Project Priority:	22 –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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	Revised - Continuing
Report of Progress	No properties have been purchased by the city in the past five years.

Action 6.2.1 [2.4]: Provide information on the benefits of local governments budgeting for and implementing both hazard mitigation projects and cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole

Action Worksheet	
Name of Jurisdiction:	Westphalia
Risk / Vulnerability	
Problem being Mitigated:	Lack information/awareness of the benefits of hazard mitigation projects and of cost-share programs with private property owners
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	6.2.1 [2.4]
Name of Action or Project:	Program to provide information on benefits of mitigation projects and mitigation cost-share programs.
Action or Project Description:	Provide information on the benefits of local governments budgeting for and implementing both hazard mitigation projects and cost-share programs with private property owners for hazard mitigation projects that benefit the community as a whole
Applicable Goal Statement:	Reduce the potential impact of natural disaster to property, infrastructure, and the local economy.
Estimated Cost:	\$2,500 - \$5,500
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:	Mayor, EMD
Action/Project Priority:	25 - 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, capital improvement plans, comprehensive plans, strategic plans
Progress Report	
Action Status	Revised - Continuing - in progress
Report of Progress	The city could do more to publicize mitigation activities to raise awareness. This is a program that could benefit from more organized guidelines and focused efforts if additional funding could be secured.

Goal 3: Reduce the potential impact of natural disaster on the continuity of government and essential services.

Action 3.2.3 [3.1]: Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.

Action Worksheet	
Name of Jurisdiction:	Westphalia
Risk / Vulnerability	
Problem being Mitigated:	Lack of communication between jurisdictions and related organizations for on-going mitigation planning.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.2.3 [3.1]
Name of Action or Project:	Meeting of local jurisdictions to participate in efforts to identify, assess, and prioritize hazard mitigation projects throughout the county, merge hazard mitigation with other plans and projects.
Action or Project Description:	Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.
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:	\$100 - \$250
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:	Mayor, Board of Aldermen, EMD
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:	LEOP, Hazard Mitigation Plan, road and bridge capital improvement plans
Progress Report	
Action Status	Revised - Continuing– in progress
Report of Progress	The county EMD regularly meets with jurisdictions and response agencies – routinely as well as following incidents. County commissioners also regularly visit cities in their jurisdiction to discuss issues. More focus will be placed on hazard mitigation planning. The city would benefit from participating more in these activities.

Action 6.3.2 [3.2]: Acquire generators for essential service providers as funding allows.

Action Worksheet	
Name of Jurisdiction:	Westphalia
Risk / Vulnerability	
Problem being Mitigated:	Loss of essential services during power outages
Hazard(s) Addressed:	Severe Storm, Tornado, Severe Winter Weather
Action or Project	
Action/Project Number:	6.3.2 [3.2]
Name of Action or Project:	Maintaining power to essential services businesses.
Action or Project Description:	Acquire generators for essential service providers as funding allows.
Applicable Goal Statement:	Reduce the potential impact of natural disaster on the continuity of government and essential services.
Estimated Cost:	\$8,000 - \$75,000 per unit
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:	23 - High Priority
Timeline for Completion:	1 – 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	Revised - Continuing
Report of Progress	The city has one portable generator for use at the sewer plant.

Action 2.1.2 [3.3]: On an annual basis, the EMD will coordinate with other public agencies to hold a meeting to evaluate and update emergency operation plans.

Action Worksheet	
Name of Jurisdiction:	Westphalia
Risk / Vulnerability	
Problem being Mitigated:	Risks and vulnerabilities of not having updated LEOPs.
Hazard(s) Addressed:	All Hazard
Action or Project	
Action/Project Number:	2.1.2 [3.3]
Name of Action or Project:	Maintaining/updating LEOPs.
Action or Project Description:	On an annual basis, the EMD will coordinate with other public agencies to hold a meeting to evaluate and update emergency operation plans.
Applicable Goal Statement:	Reduce the potential impact of natural disaster on the continuity of government and essential services.
Estimated Cost:	\$100 - \$2,000
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	EMD
Action/Project Priority:	28 - High Priority
Timeline for Completion:	Annually – 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:	LEOP, Hazard Mitigation Plan
Progress Report	
Action Status	Revised - Continuing
Report of Progress	The county EMD meets regularly with public agencies in the county and at the state level to review and update emergency operations and plans. The city would benefit from participating more in these activities.

Osage County R-I:

Goal 1: Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.

Action 1.3.4 [1.2]: Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.

Action Worksheet	
Name of Jurisdiction:	Osage County R-I
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent/inadequate shelters for residents during storm events
Hazard(s) Addressed:	Severe Storm (Hail/Wind) and Tornado
Action or Project	
Action/Project Number:	1.3.4 [1.2]
Name of Action or Project:	Construct storm shelters and tornado safe rooms near areas of high population densities
Action or Project Description:	Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown due to variables
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:	Superintendent, School Board
Action/Project Priority:	22 – High Priority
Timeline for Completion:	1 – 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, School Emergency Plan
Progress Report	
Action Status	Revised – Continuing – No Progress
Report of Progress	The school district does not currently have a FEMA certified storm shelter.

Action 1.4: Obtain and upgrade early warning systems and improved communication systems as funding allows.

Action Worksheet	
Name of Jurisdiction:	Osage County R-I
Risk / Vulnerability	
Problem being Mitigated:	Risks and vulnerabilities associated with the lack of adequate early warning and communication systems.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.4
Name of Action or Project:	Obtain and upgrade early warning systems and improved communication systems.
Action or Project Description:	Obtain and upgrade early warning systems and improved communication systems as funding allows, including tornado sirens and text and phone systems.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Superintendent, School Board
Action/Project Priority:	22 - 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:	LEOP, Hazard Mitigation Plan, School Emergency Plan
Progress Report	
Action Status	New – in Progress
Report of Progress	Osage County R-I has an intercom system to use within the school and a weather radio. The school also shares information through its website. The district would benefit from a phone/text messaging system to communicate with parents. The County has Smart911 available for the public to receive warnings. The county also uses Wireless Emergency Alerts (WEAs).

Goal 3: Reduce the potential impact of natural disaster on the continuity of government and essential services.

Action 3.2.3 [3.1]: Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.

Action Worksheet	
Name of Jurisdiction:	Osage County R-I
Risk / Vulnerability	
Problem being Mitigated:	Lack of communication between jurisdictions and related organizations for on-going mitigation planning.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.2.3 [3.1]
Name of Action or Project:	Meeting of local jurisdictions to participate in efforts to identify, assess, and prioritize hazard mitigation projects throughout the county, merge hazard mitigation with other plans and projects.
Action or Project Description:	Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.
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:	\$100 - \$250
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:	Superintendent
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:	LEOP, Hazard Mitigation Plan, school budget
Progress Report	
Action Status	Revised - Continuing– in progress
Report of Progress	The county EMD regularly meets with jurisdictions and response agencies – routinely as well as following incidents. More focus will be placed on hazard mitigation planning and the school would benefit from participating.

Osage County R-II:

Goal 1: Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.

Action 1.3.4 [1.2]: Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.

Action Worksheet	
Name of Jurisdiction:	Osage County R-II
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent/inadequate shelters for residents during storm events
Hazard(s) Addressed:	Severe Storm (Hail/Wind) and Tornado
Action or Project	
Action/Project Number:	1.3.4 [1.2]
Name of Action or Project:	Construct storm shelters and tornado safe rooms near areas of high population densities
Action or Project Description:	Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown due to variables
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:	Superintendent, School Board
Action/Project Priority:	22 – High Priority
Timeline for Completion:	1 – 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, School Emergency Plan
Progress Report	
Action Status	Revised – Continuing – No Progress
Report of Progress	The school district does not currently have a FEMA certified storm shelter.

Action 1.4: Obtain and upgrade early warning systems and improved communication systems as funding allows.

Action Worksheet	
Name of Jurisdiction:	Osage County R-II
Risk / Vulnerability	
Problem being Mitigated:	Risks and vulnerabilities associated with the lack of adequate early warning and communication systems.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.4
Name of Action or Project:	Obtain and upgrade early warning systems and improved communication systems.
Action or Project Description:	Obtain and upgrade early warning systems and improved communication systems as funding allows, including tornado sirens and text and phone systems.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Superintendent, School Board
Action/Project Priority:	22 - 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:	LEOP, Hazard Mitigation Plan, School Emergency Plan
Progress Report	
Action Status	New – in Progress
Report of Progress	Osage County R-II has an intercom system to use within the school. The district would benefit from a phone/text messaging system to communicate with parents. The County has Smart911 available for the public to receive warnings. The county also uses Wireless Emergency Alerts (WEAs).

Goal 3: Reduce the potential impact of natural disaster on the continuity of government and essential services.

Action 3.2.3 [3.1]: Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.

Action Worksheet	
Name of Jurisdiction:	Osage County R-II
Risk / Vulnerability	
Problem being Mitigated:	Lack of communication between jurisdictions and related organizations for on-going mitigation planning.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.2.3 [3.1]
Name of Action or Project:	Meeting of local jurisdictions to participate in efforts to identify, assess, and prioritize hazard mitigation projects throughout the county, merge hazard mitigation with other plans and projects.
Action or Project Description:	Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.
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:	\$100 - \$250
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:	Superintendent
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:	LEOP, Hazard Mitigation Plan, school budget
Progress Report	
Action Status	Revised - Continuing– in progress
Report of Progress	The county EMD regularly meets with jurisdictions and response agencies – routinely as well as following incidents. More focus will be placed on hazard mitigation planning and the school would benefit from participating.

Osage County R-III:

Goal 1: Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.

Action 1.3.4 [1.2]: Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.

Action Worksheet	
Name of Jurisdiction:	Osage County R-III
Risk / Vulnerability	
Problem being Mitigated:	Risks/vulnerabilities associated with nonexistent/inadequate shelters for residents during storm events
Hazard(s) Addressed:	Severe Storm (Hail/Wind) and Tornado
Action or Project	
Action/Project Number:	1.3.4 [1.2]
Name of Action or Project:	Construct storm shelters and tornado safe rooms near areas of high population densities
Action or Project Description:	Construct storm shelters and tornado safe rooms near areas of high population densities (schools and large employers) as funding allows.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown due to variables
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:	Superintendent, School Board
Action/Project Priority:	22 – High Priority
Timeline for Completion:	1 – 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, School Emergency Plan
Progress Report	
Action Status	Revised – Continuing – No Progress
Report of Progress	The school district does not currently have a FEMA certified storm shelter.

Action 1.4: Obtain and upgrade early warning systems and improved communication systems as funding allows.

Action Worksheet	
Name of Jurisdiction:	Osage County R-III
Risk / Vulnerability	
Problem being Mitigated:	Risks and vulnerabilities associated with the lack of adequate early warning and communication systems.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	1.4
Name of Action or Project:	Obtain and upgrade early warning systems and improved communication systems.
Action or Project Description:	Obtain and upgrade early warning systems and improved communication systems as funding allows, including tornado sirens and text and phone systems.
Applicable Goal Statement:	Reduce the potential impact of natural disasters on the lives and livelihoods of the citizens of the county.
Estimated Cost:	Unknown
Benefits:	Losses avoided by implementing this action include injuries and/or casualties, property damage, loss-of-function/displacement impacts, and emergency management costs/community costs.
Plan for Implementation	
Responsible Organization/Department:	Superintendent, School Board
Action/Project Priority:	22 - 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:	LEOP, Hazard Mitigation Plan, School Emergency Plan
Progress Report	
Action Status	New – in Progress
Report of Progress	Osage County R-III has an intercom system to use within the school and a system to contact parents and students via email phone/text. The County has Smart911 available for the public to receive warnings. The county also uses Wireless Emergency Alerts (WEAs).

Goal 3: Reduce the potential impact of natural disaster on the continuity of government and essential services.

Action 3.2.3 [3.1]: Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.

Action Worksheet	
Name of Jurisdiction:	Osage County R-III
Risk / Vulnerability	
Problem being Mitigated:	Lack of communication between jurisdictions and related organizations for on-going mitigation planning.
Hazard(s) Addressed:	All Hazards
Action or Project	
Action/Project Number:	3.2.3 [3.1]
Name of Action or Project:	Meeting of local jurisdictions to participate in efforts to identify, assess, and prioritize hazard mitigation projects throughout the county, merge hazard mitigation with other plans and projects.
Action or Project Description:	Local jurisdictions will meet with SEMA and local EMDs to identify, assess and prioritize hazard mitigation projects throughout the county; merge hazard mitigation action items with other plan documents such as capital improvement and comprehensive plans; and look for ways to include hazard mitigation in economic development projects.
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:	\$100 - \$250
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:	Superintendent
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:	LEOP, Hazard Mitigation Plan, school budget
Progress Report	
Action Status	Revised - Continuing– in progress
Report of Progress	The county EMD regularly meets with jurisdictions and response agencies – routinely as well as following incidents. More focus will be placed on hazard mitigation planning and the school would benefit from participating.