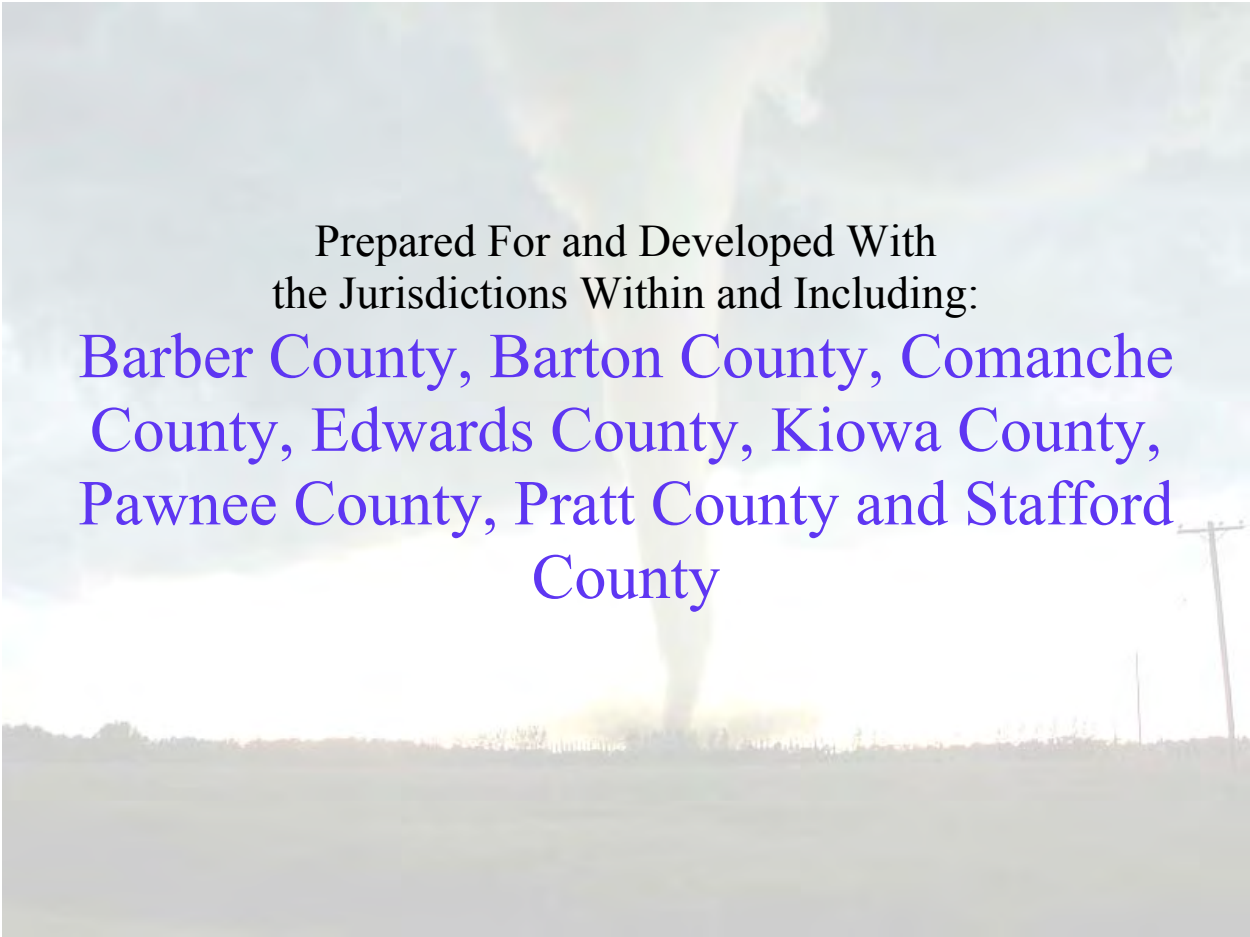


South Kansas
(Homeland Security Region E)
Multi-Hazard, Multi-Jurisdictional
Mitigation Plan



Prepared For and Developed With
the Jurisdictions Within and Including:
Barber County, Barton County, Comanche
County, Edwards County, Kiowa County,
Pawnee County, Pratt County and Stafford
County

August, 2014

Prepared By:

Blue
Umbrella

5.0 MITIGATION ACTIONS

5.1 INTRODUCTION

44 CFR 201.6 (c)(3) requires "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 tool."

This section of the Plan describes development of a mitigation strategy for each participating jurisdiction, and the region as a whole. In general, developing a comprehensive strategy consists of:



To ensure that a comprehensive mitigation strategy was developed, a thorough review of potential regional and local hazards and current policies, procedures and regulations was conducted to help participating jurisdictions identify and achieve their goals. Additionally, this review assists participating jurisdictions in linking relevant policies, procedures, regulations, ordinances and planning documents to help establish priorities and meet desired implementation deadlines.

For the 2014 regional combination and update, historical goals, objectives, and strategies were re-examined, and where applicable combined, and new goals and strategies were identified and included.

5.2 IDENTIFICATION OF GOALS

44 CFR 201.6 (c)(3)(i) A description of mitigation goals to reduce or avoid long-term vulnerabilities to the identified hazards.

The H MPC developed goals and objectives to provide direction for reducing hazard-related losses both locally and regionally. The following definitions of goals and objectives were provided by FEMA in publication 386-3, *Developing a Mitigation Plan* (2002):

- **Goal:** General guidelines that explain what you want to achieve. Goals are defined before considering how to accomplish them so that they are not dependent on the means of achievement. They are usually long-term, broad, policy-type statements.

Identified goals were based on known hazards and a review of goals and objectives from previously approved county mitigation plans and the 2007 Kansas Hazard Mitigation Plan. This review was conducted to ensure that this region's goals were both obtainable and practical.

Through a group discussion at their second meeting, the H MPC identified and refined four primary, cross-jurisdictional goals. The identified goals are as follows:

- **Goal 1:** Reduce and/or eliminate the risk to the people and property of south Kansas from the identified hazards in this plan.
- **Goal 2:** Strive to protect all of the vulnerable populations, structures, and critical facilities in south Kansas from the impacts of the identified hazards.
- **Goal 3:** Improve public outreach initiatives to include education, awareness and partnerships with all willing entities in order to enhance understanding of the risks south Kansas faces due to the impacts of the identified hazards.
- **Goal 4:** Enhance communication and coordination among all agencies and between agencies and the public.

5.3 IDENTIFICATION AND ANALYSIS OF MITIGATION ACTIONS

44 CFR 201.6 (c)(3)(ii) 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. All plans approved by FEMA after October 1, 2008, must also address the jurisdiction's participation in the NFIP, and continued compliance with NFIP requirements, as appropriate.

For this plan update and regional combination participating jurisdictions were provided with a complete list of their previous mitigation actions and asked to review them to determine if they had been achieved, are in process or on hold, or had been cancelled. Additionally, participating jurisdictions were provided with forms to identify and incorporate newly identified actions. Participating jurisdictions priorities were developed based on past damages, existing exposure to

risk, other community goals, and weaknesses identified by the local government capability assessments.

In preparing the region's mitigation strategy all reasonable and obtainable mitigation actions were considered to help achieve the general regional goals. Additionally, each participating jurisdiction was invited to identify relevant actions.

In identifying and reviewing mitigation actions, the following activities recommended by the EMAP were considered:

- The use of applicable building construction standards
- Hazard avoidance through appropriate land-use practices
- Relocation, retrofitting, or removal of structures at risk
- Removal or elimination of the hazard
- Reduction or limitation of the amount or size of the hazard
- Segregation of the hazard from that which is to be protected
- Modification of the basic characteristics of the hazard
- Control of the rate of release of the hazard
- Provision of protective systems or equipment for both cyber or physical risks
- Establishment of hazard warning and communication procedures
- Redundancy or duplication of essential personnel, critical systems, equipment, and information materials.

In addition, participating jurisdictions were provided with information on types of mitigation actions. A handout was provided at the first meeting, and upon request, with types of mitigation actions which originated from the National Flood Insurance Program's Community Rating System. The follow provides a brief explanation of each action.

Prevention: Administrative or regulatory actions or processes that influence the way land and buildings are developed and built, including:

- Planning and zoning
- Building codes
- Open space preservation
- Floodplain regulations
- Stormwater management regulations
- Drainage system maintenance
- Capital improvements programming
- Shoreline and riverine setbacks

Property protection: Actions that involve the modification of existing buildings or structures to protect them from a hazard or remove them from the hazard area, including:

- Acquisition

- Relocation
- Building elevation
- Critical facilities protection
- Retrofitting
- Safe room and shatter-resistant glass
- Insurance

Structural: Actions that involve the construction of structures to reduce the impact of hazard, including:

- Reservoirs
- Dams and levees
- Diversion, detention and/ or retention
- Channel modification
- Storm sewers

Natural resource protection: Actions that, in addition to minimizing hazard losses, also preserve or restore the functions of natural systems, including

- Floodplain protection
- Watershed management
- Riparian buffers
- Forest/ vegetation management
- Erosion and sediment control
- Wetland preservation and restoration
- Habitat preservation
- Slope stabilization

Emergency services: Although not typically considered a “mitigation” technique, these are actions that protect people and property during and immediately after a disaster or hazard event, including:

- Warning systems
- Evacuation planning and management
- Emergency response training and exercises
- Sandbagging for flood protection
- Installing temporary shutters for wind protection

Public education and awareness: Actions to inform and educate citizens, elected officials, and property owners about the hazards and potential ways to mitigate them, including:

- Outreach projects

- Speaker and/ or demonstration events
- Hazard map information
- Real estate disclosure
- Library materials
- School children educational programs

5.4 PRIORITIZING MITIGATION ACTIONS

44 CFR 201.6 (c)(3) (iii) An action plan describing how the actions identified in paragraph (c)(3)(ii) of this section 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 benefit review of the proposed projects and their associated costs.

In formulating a regional mitigation strategy, a wide range of activities was considered to help achieve identified goals and to lessen the vulnerability of the region to the effects of identified hazards.

Through a series of jurisdictional meetings, phone discussions, electronic communications and self analysis participating jurisdictions were asked to review the previously determined regional and local mitigation actions to determine if they had been completed, were On- Going, or had been cancelled. In addition, jurisdictions were asked to review the initial STAPLEE (Social, Technical, Administrative, Political, Legal, Economic, and Environmental) analysis to see if the ranking were still applicable. Participating jurisdictions were asked to submit any NEW mitigation actions with an analysis while newly participating jurisdictions were required, as per FEMA, to submit NEW mitigation actions.

A self analysis method was used for reviewing and prioritizing mitigation action alternatives. This methodology takes all local considerations into account to ensure that, based on a jurisdictions' capabilities, funding, public wishes, political climate, and legal framework and context reasonable actions are determined. The following provides a brief description of each consideration:

- Are all people within the jurisdiction being treated equally and fairly?
- Will the action disrupt the social fabric of the jurisdiction?
- Does the proposed action work and is it technically feasible?
- Does the action offer a long term solution to the problem?
- Does the jurisdiction have adequate staffing
- Is there someone to coordinate and lead the effort?
- Is there sufficient funding available?
- Are there ongoing administrative requirements that need to be met?
- Does the action have political and public support?
- Does the jurisdiction have the legal authority to implement the action?
- Will the jurisdiction be liable for the action or for any inaction?
- Could the action face any legal challenges?

- What are the costs and benefits of this action?
- Do the benefits exceed the costs?
- Has funding for the action been identified?

Identified actions were prioritized by the participating jurisdiction and were given one of the following rankings:

- **High:** Actions that should be implemented as soon as possible
- **Medium:** Actions that should be implemented in the long-term
- **Low:** Actions that should be implemented if and when funding becomes available

Of major concern to all participating jurisdictions was the potential or identified cost of each action. In general, identified actions were proposed to reduce future damages. As such, it is critical that selected and implemented actions provide a greater saving over the life of the action than the initial cost.

For structural and property protection actions cost effectiveness is primarily assessed on:

- Likelihood of damages occurring
- Severity of the damages
- Potential effectiveness

For all other type of actions, including legislative actions, codes and ordinances, maintenance and education, cost effectiveness is primarily assessed on likely future benefits as these actions may not easily result in a quantifiable reduction in damage.

Although detailed analysis was not conducted during the mitigation action development process, these factors were of primary concern when selecting measures.

Each participating jurisdiction's mitigation actions, including newly identified actions and reviewed actions, can be found in the following sections listed by county.

Where a strategy's status is blank, either updates were not received from the jurisdiction, or the jurisdiction has elected not to participate in this process.

5.5 FUNDING SOURCES

It is generally recognized that mitigation actions help communities realize long term savings by preventing future losses due to hazard events. However, many mitigation actions are beyond the budgetary capabilities of a single jurisdiction. This section provides a general description of some of the avenues available to jurisdictions to defray the cost of implementing mitigation actions. The following are potential available funding streams:

- Hazard Mitigation Grant Program (HMGP): The HMGP assists in implementing long-term hazard mitigation measures following Presidential disaster declarations. Funding is available to implement projects in accordance with State, Tribal, and local priorities.
- Pre-Disaster Mitigation (PDM): The PDM program provides funds on an annual basis for hazard mitigation planning and the implementation of mitigation projects prior to a disaster. The goal of the PDM program is to reduce overall risk to the population and structures, while at the same time, also reducing reliance on Federal funding from actual disaster declarations.
- Flood Mitigation Assistance (FMA): FMA provides funds on an annual basis so that measures can be taken to reduce or eliminate risk of flood damage to buildings insured under the NFIP.
- Public Assistance (PA) Grant Program: The mission of FEMA's PA program is to provide assistance to State, Tribal and local governments, and certain types of Private Nonprofit organizations so that communities can quickly respond to and recover from major disasters or emergencies declared by the President. Through the PA program, FEMA provides supplemental Federal disaster grant assistance for debris removal, emergency protective measures, and the repair, replacement, or restoration of disaster-damaged, publicly owned facilities and the facilities of certain private non-profit organizations. The PA program also encourages protection of these damaged facilities from future events by providing assistance for hazard mitigation measures during the recovery process. The Federal share of assistance is not less than 75% of the eligible cost for emergency measures and permanent restoration. The grantee (usually the State) determines how the non-Federal share (up to 25%) is split with the eligible applicants.
- Small Business Administration (SBA) Disaster Loans: The SBA provides low-interest disaster loans to homeowners, renters, businesses of all sizes, and most private nonprofit organizations. SBA disaster loans can be used to repair or replace the following items damaged or destroyed in a declared disaster: real estate, personal property, machinery and equipment, and inventory and business assets.
- The Housing and Urban Development Agency provides flexible grants to help cities, counties, and States recover from Presidentially declared disasters, especially in low-income areas, subject to availability of supplemental appropriations.
- Community Development Block Grant Program - The Community Development Block Grant (CDBG) program is a flexible program that provides communities with resources to address a wide range of unique community development needs. Beginning in 1974, the CDBG program is one of the longest continuously run programs at the Housing and Urban Development Agency. The CDBG program provides annual grants on a formula basis to 1209 general units of local government and States. HUD provides flexible grants to help cities, counties, and States recover from Presidentially declared disasters, especially in low-income areas, subject to availability of supplemental appropriations.

- Individual & Households, Other Needs Assistance (ONA) Program: The ONA program provides financial assistance to individuals or households who sustain damage or develop serious needs because of a natural or man-made disaster. The funding share is 75% federal funds and 25% state funds. The ONA program provides grants for necessary expenses and serious needs that cannot be provided for by insurance, another federal program, or other source of assistance. The current maximum allowable amount for any one disaster to individuals or families is \$25,000. The program gives funds for disaster-related necessary expenses and serious needs, including the following categories:
 - Personal property
 - Transportation
 - Medical and dental
 - Funeral
 - Essential tools
 - Flood insurance
 - Moving and storage
- Wildland Urban Interface (WUI) Grants: The 10-Year Comprehensive Strategy focuses on assisting people and communities in the WUI to moderate the threat of catastrophic fire through the four broad goals of improving prevention and suppression, reducing hazardous fuels, restoring fire-adapted ecosystems, and promoting community assistance. The WUI Grant may be used to apply for financial assistance towards hazardous fuels and educational projects within the four goals of: improved prevention, reduction of hazardous fuels, restoration of fire-adapted ecosystems and promotion of community assistance.

5.6 JURISDICTIONAL MITIGATION ACTIONS

(iv) For multi-jurisdictional plans, there must be identifiable action items specific to the jurisdiction requesting FEMA approval or credit of the plan.

Information as to the identified mitigation actions for participating jurisdictions is summarized in the following sections and tables. All mitigation action information was provided by jurisdictional officials through the outreach from the HMPC. For each action presented the current status is provided. Actions listed as On-going, no reportable progress made are carried over from the previous plan and are awaiting funding or opportunity to start. Actions that are listed as **completed** have been finished. Actions listed as **deleted** have been removed from consideration. **New** actions are actions that have been added for this plan and are identified as such. Any information listed with a "-" is either no longer relevant or unavailable. Finally, some actions have been reassigned and are noted as such. In these cases not all information is provided under the original listing, rather the newly assigned responsible entity has been given the opportunity to detail the requested information.

5.6.1 BARBER COUNTY

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-1	Public Education for drought, dam failure, earthquake, extreme heat, pandemic, thunderstorms, tornadoes, wildfires, winter storms. Inform the public with hazard information on drought, dam failure, earthquakes, extreme heat, pandemic, thunderstorms, tornadoes, wildfire, and winter storms in hazard awareness literature and presentations. This information will explain what to do, where to go in the event of a hazard and tell how to minimize their risks. Each person can help in the efforts to reduce the risks of all hazards if they know what to expect. The literature will be distributed throughout the cities, communities and school facilities and presentations will be given to school staff and students in class.	Dam Failure, Drought, Earthquake, Extreme Heat, Flood, Pandemic, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, Rural Electric Coop Supervisor	High	3	\$1,000 annual	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Barber County-2	Assist local farmers in building detention ponds to help retain water for times of drought. The ponds could be used for irrigation, stock and to help fight wildfires by submerging suction pumps to battle fires	Dam Failure, Drought, Extreme Heat, Flood, Wildfire, Winter Storm	Emergency Manager	High	1	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-3	Multi-Purpose Public Address and Warning System. Inform the public with combination warning sirens/public address system when a thunderstorm threatens the community. Currently all communities are in need of multi-purpose warning systems. The public address system would allow the communities to announce any hazard event that is threatening the community.	All Hazards	Emergency Manager	High	1,2,3	\$40,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-4	NOAA Weather Radio Program. Provide a NOAA Weather Radio to students and residents in the county to warn them of weather events (including lightning and hail events). The program would allow residents to purchase the radios at a reduced price.	All Hazards	Emergency Manager	High	1,2,3	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Barber County-5	Community Storm Shelters and Hazard Supply Staging Areas. Build community storm shelters and hazard supply staging areas around the county and school districts to be prepared for all hazard events. The staging areas will contain equipment and supplies for all hazards. For example, medical supplies, sand, sand bags, pumps, bottled water, blankets, heaters, refrigeration units, generators, etc...	All Hazards	Emergency Manager	High	1,2	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Barber County-6	Emergency Operations Center/911 Call Center/Community Shelter. Build an Emergency Operations Center/911 Call Center/Community Storm Shelter. Currently, the communities EOC's are not shelters and are vulnerable to hazards.	All Hazards	Emergency Manager	High	1,2,4	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 5 years	On-going, no reportable progress made
Barber County-7	Watershed, Lake, and River Warning Devices. Install electronic water level warning devices at key areas upstream and danger levels to notify the emergency management departments of possible impending flood from the watersheds, lakes, and rivers.	Dam and Levee Failure, Drought, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager	High	1,2	\$500 per device	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-8	Drainage and Storm Water Management Program. Have a program to reduce or eliminate the floodplain from the areas around watersheds, lakes, and rivers that is shown on the FIRM Maps. This program would concrete the drainage area and direct the water flow downstream to detention ponds. This could reduce or eliminate flooding to some residents that are in or near the floodplains by watersheds, lakes, and rivers.	Dam and Levee Failure, Drought, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager	High	1,2	\$3,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-9	Continue participation in the NFIP. Encourage participation in the NFIP for the communities that are not already participants. Continued participation in the NFIP for the communities that are currently participating will insure that individuals are not building in the flood hazard areas within the county. Also, encourage and assist those communities that are not currently participating in the NFIP to obtain membership in the program.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager	High	1,2	Staff Time	Local Budget	Continuous	On-going, no reportable progress made, Continuous
Barber County-10	Debris Removal Program. Have a community wide drainage and stormwater cleanup days to remove all trash and debris from local drainage ways. This would involve the local churches, businesses, high schools, boy scouts, girl scouts and City Staff throughout the county	All Hazards	Emergency Manager	Medium	1,2	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Barber County-11	Floodplain Property Acquisition Program. Purchase properties that are located in the 100 and 500 year floodplain throughout the county.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning	Emergency Manager	Medium	1,2	\$60,000 per property	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-12	Dredge the watersheds, lakes, and rivers. Dredge the lakes, watersheds and river channels located near communities within the county to allow a larger capacity of water and water flow during heavy snows and thunderstorms.	Dam and Levee Failure, Drought, Extreme Heat, Flood, Winter Storm	Emergency Manager	Medium	1,2	\$1,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-13	Construct Flood Walls/levies. Construct flood walls/levies in communities where flooding is prevalent to reduce the flooding within the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager	High	1,2	\$1,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3-5 years	On-going, no reportable progress made
Barber County-14	Upgrade and Enhance Power lines. Replacement of CWC single-phase line of enhanced design. The miles of line selected will meet several points of prioritization and evaluation and represent a small percentage of total CWC miles in the rural electric distribution system. Replacing the lines would significantly mitigate losses due to damages and greatly enhance reliability in the surrounding areas. The aged CWC construction has sustained much damage over the years and was not built to current and acceptable standards. Nearly all of REC's membership in the county would directly, if not indirectly, benefit from improved safety and improved reliability of such replacements. Estimated cost to replace: \$ 860,000.00	All Hazards	Rural Electric Coop Director	Medium	1,2	\$1,160,000	HMGP Grant, PDM Grant, Local Budget, Grants, Heartland REC	4 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-15	Tree Trimming and Branch Removal Program. Have a communitywide tree-trimming program to cut down branches and trees away from power lines and drainage areas. This will reduce the chances of downed power lines during severe storms and reduce debris during flood events. The cost and time will be served by community volunteers, county staff, city staff and local electrical companies.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, Roads and Bridges Director	Medium	1,2	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Barber County-16	Backup Generator for Critical Facilities. Purchase backup generators for City Halls, Emergency Operations Centers, Police Departments, Fire Departments, Community Centers, and school districts as well as two portable units for locations as needed throughout the county. These generators will be useful for severe weather events when the communities lose power. It is vital that critical facilities keep power or have backup capabilities during weather events.	All Hazards	Emergency Manager	Medium	1,2	\$10,000 to \$15,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Barber County-17	Individual Backup Generator Program. Provide a reimbursement program for local residents to purchase generators needed at their homes or businesses. Currently FEMA does not offer this program; however, if this program should be incorporated as a FEMA eligible project or other grant funds, this would be a good program for the local citizens.	All Hazards	Emergency Manager	Low	1,2	NA	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-18	Hazard Event Database. Have all emergency services departments report all hazard related incidents to the county emergency management department to keep an updated Hazard Event Database for proper tracking and reporting procedures. This would help to improve accuracy of data and help to eliminate limitations in data for all hazards. Currently, each department keeps track of their own information and does not have a primary reporting database to correlate all hazard events.	All Hazards	Emergency Manager, REC's Directors	Low	1,2	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Barber County-19	Mitigation Tabletop Exercises. A "What If" mitigation activity during HMPC meetings. For example, during the meeting have "What If" exercises to see what kind of mitigation items are in place and what if a hazard event took place, what would the outcome be and what other mitigation items would be needed to reduce the effects of the hazards.	All Hazards	Emergency Manager	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Barber County-20	Emergency Exercise Training. Have community-wide emergency exercises to put efforts at work prior to the real event. This will help determine "hands on" what mitigation items are needed and what could make the event go smoother in response to the hazard.	All Hazards	Emergency Manager	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Barber County-21	County, City, School, and Business Systems Backup. In the computer age, we now have the technology to back up all data in our computer systems. Computer system backups are available; however, the county, cities, schools and businesses need to back up their systems online or at a secondary server location to be able to retrieve their data if their buildings and computer systems were destroyed.	All Hazards	Emergency Manager	Medium	1,2,4	\$5,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-22	Animal Keep Zones. Determine setup, or build animal keep zones for displaced animals after a disaster. The county is a large farming community and it has several area farmers with numerous livestock. In a disaster event, animals may need to be temporarily relocated until fences and barns can be mended as well as household pets that may be displaced.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager	Medium	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going
Barber County-23	Emergency Responder Volunteer Program. Develop database and setup voluntary emergency responders in the event of a disaster to respond and assist in search and rescue, evacuations, debris removal, and other emergency services that could be too large for a community to handle at the onset of the event.	All Hazards	Emergency Manager	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Barber County-24	Emergency Management Mobile Unit. Purchase an EM Mobile Unit to serve as a command post during a hazard event. This unit will allow the county and city emergency managers to have an onsite location for the disaster area and be available for first response capability.	All Hazards	Emergency Manager	Medium	4	\$50,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-25	Residential Assessment Team. Develop a residential assessment team to evaluate residential homes for disaster prevention. They would evaluate and suggest conditions and items that could reduce the effects of hazard events. For example, suggest hurricane straps on a house to reduce the risk of losing their roof in high winds or a tornado. The team will be a group of volunteers, county, and city staff that will go to locations with a checklist and inform the residents of things they could do to reduce their risks.	All Hazards	Emergency Manager	Low	1,2,3,4	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-26	Secondary Water Sources. Run a water line to a secondary water source for each of the water districts for times of drought to provide water to the public and for fire protection in the communities.	All Hazards	Emergency Manager	Low	1,2	\$500,000 per line	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-27	Remote Weather Cameras. Purchase remote weather cameras to view incoming weather events around the county. The weather cameras can also serve useful for wildfire that could threaten the outskirts of the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager	low	1,2	\$15,000 per system	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-28	Amend Building Codes for Earthquake, High Winds, and Tornados. Amend county and city building codes to strengthen structures on new and existing buildings to reduce the effects of earthquake, high wind, and tornados.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, Zoning Director	low	1,2	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Barber County-29	Above Ground Gas Pumps With Backup Generators for County and City Vehicles. Above ground gas pumps for county and city vehicles in times of disasters with a backup generator. The gas pumps are for county and city use only. It was found to be a necessity during the January 2007 ice storm for several jurisdictions that ran out of gas because fuel trucks could not travel to the locations; however, there was still a demand for fuel. This could be developed at areas with controlled access.	Dam and Levee Failure, Earthquake, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager	low	1,2	\$15,000 per setup	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-30	Cool/Warming Zones for Extreme Heat and Winter Storms. Set up cool/heat zones at the county, cities, and school districts where children and families can remove themselves from the cold or heat.	Extreme Heat, Winter Storm	Emergency Manager	Medium	1,2	\$2,000 per setup	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-31	Outdoor Drinking Sources for Extreme Heat. Set up outdoor drinking sources at the parks, schools and in the communities where children and adults can re-hydrate themselves.	Extreme Heat	Emergency Manager	Medium	1,2	\$500 per fountain	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-32	Fan and Air Conditioner Program for the Poor and the Elderly. Provide Fans and Air Conditioners for the poor and the elderly throughout the community. Hold fund-raiser programs at the cities, schools, and local churches to obtain the necessary equipment.	Extreme Heat	Emergency Manager	Medium	1,2	Staff Time	Donations	3 - 5 years	On-going, no reportable progress made
Barber County-33	Hazardous Material Waste Removal Day. During severe events, structures that may house hazardous materials can be damaged and release these substances into the environment. This item is to set a day for the removal of these substances after severe events.	Dam and Levee Failure, Earthquake, Flood, Tornado, Wildfire	Emergency Manager	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-34	Covered Walkways for Thunderstorms. Provide covered sidewalks at city streets and school walkways to reduce the risk of severe thunderstorms and winter storms to the public, and shield students and citizens from hail.	Extreme Heat, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager	Low	1,2	\$30,000 plus	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-35	Surge Protector Program. Provide a surge protector program to reduce the risk of electrical surges from hazard events, such as, severe thunderstorms with lightning, extreme heat, winter storms and other hazards that may cause loss of power or power surges that can damage computers, televisions, and other electronic equipment that are vulnerable. The program would allow residents to purchase surge protectors at a reduced price.	All Hazards	Emergency Management	Low	1,2	None	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-36	Equipment and Furniture Strap Program. Strap and bolt down large equipment and furniture at the cities and school facilities to reduce the risk of debris during severe hazard events.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado,	Emergency Manager	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-37	Protective Window Film. Purchase protective window film for all county, city and school building windows to reduce the risk of airborne debris injuries during extreme hazard events.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-38	Lightning Detection Systems. Purchase lightning detection systems to provide warnings at city parks, camp grounds, and school recreation areas. The lightning detection system can detect lightning up to 10 miles away and could be beneficial in notifying children and adults in recreational areas of the possible danger.	Hail, Windstorm, Lightning	Emergency Manager	Low	1,2	\$5,000 per unit	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-39	Pumper Trucks and Fire Equipment. At least one new pumper truck with equipment are needed at each fire station to battle wildfires efficiently; however the county and cities have limited funding available for the purchase of these items.	Wildfire	Emergency Manager	Low	1,2	\$40,000 per unit	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-40	Individual Safe Room Program. The county would like to offer an individual safe room program with FEMA funding. The county would manage the grant program and reimburse individuals that have a safe room built. The safe room program would be on a 75% to 25% match. FEMA would cover 75% and the homeowner would cover the other 25%.	Hail, Windstorm, Lightning, Tornado	Emergency Manager	Medium	1,2	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-41	Hand Sanitizer Zones. Purchase equipment and place at locations around the cities and the schools to have hand sanitizer available for use. These areas will have signs to notify people that sanitizer is available for use to reduce the spread of germs.	Major Disease Outbreak	Emergency Manager	Low	1,2	\$50 per dispenser	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-42	Promote Hurricane Straps to Contractors and Homeowners. Promote hurricane straps to local contractors and homeowners to reduce the risk of high wind and tornado damages to rooftops. Possibly conduct a program with local hardware stores to sell hurricane straps at a reduced price to homeowners and contractors to help with costs on new and existing homes.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager	Low	1,2,3	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Barber County-43	Storm Shelter/Safe Room Database. Develop a countywide storm shelter and safe room database with latitude and longitude of each individual safe room in the communities. This will help locate safe rooms and citizens after a disaster.	All Hazards	Emergency Manager	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-44	Blanket, Heater, and Coat Program. Have a community-wide Blanket, Heater and Coat Program to donate items to the poor and the elderly for wintertime. Establish donation banks located throughout the cities, community churches and at the schools.	Winter Storm	Emergency Manager	Low	1,2	Donations	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-45	Bury Electrical Lines Program. Change ordinances to bury electrical lines from the transformer to the house on any new construction. This will reduce the amount of downed power lines during a hazard event. Also, bury electrical cables on existing houses through grant programs that may become available.	All Hazards	Emergency Manager, RECs	Low	1,2	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Barber County-46	Become a Firewise Community. Become Firewise Communities by having each community have a Firewise Plan. Work with the State Forestry Service to meet the criteria in becoming a Firewise community.	Drought, Wildfire	Emergency Manager	High	1,2	\$10,000 plus	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-47	Waterline Insulation Program. Have a Waterline Insulation Program where the poor or elderly could have their waterlines insulated to reduce the risk of pipe breaks during the winter months. Work with hardware stores, churches and large businesses to donate pipe insulation wrap. The program would also request volunteer labor from high school students, churches, local businesses and city staff to install the insulation for local residents in need.	Winter Storm	Emergency Manager	Low	2	Volunteer Labor	Staff Time and Volunteer Labor	3 - 5 years	On-going, no reportable progress made
Barber County-48	Storm Spotter Programs. Work with the National Weather Service to hold storm spotter training seminars in the communities or nearby areas to train interested individuals. If possible, offer this training as an elective in high schools for seniors or to any local citizen. This would place more storm spotters in the community to keep a lookout for severe weather headed for the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado	Emergency Manager	Medium	3,4	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-49	Voluntary Snow Shoveling Programs. Request volunteers from local churches, boy scouts, girl scouts, city staff, and high school students that would shovel snow for the physically handicapped and the elderly in the communities. This would help these citizens from having to get out in the cold weather and reduce the chances for them to slip and fall on the ice or snow.	Winter Storm	Emergency Manager	Low	1,2	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Barber County-50	Snow Fences. Construct snow fences along the highways to reduce the risk of blowing snow build up on the roads. This would reduce the risk of traffic problems for emergency service vehicles and for community and highway travel.	Winter Storm	Emergency Manager	Low	1,2	\$500,000 Countywide	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-51	Promote Drought Insurance to Farmers. Conduct presentations and provide handouts to local farmers to explain the benefits to having drought insurance. Have local insurance companies conduct the presentations and provide the handouts for the program.	Drought	Emergency Manager	Low	3	Volunteers and Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Barber County-52	Volunteer Irrigation Program. Create a list of farmers willing to assist other farmers in developing irrigation lanes in their crop fields. Some local farmers do not use irrigation lanes on their farmland. Irrigation lanes will help hold water in the fields and keep moisture in the crops to reduce wildfires. Also, have agricultural professors provide information on irrigation techniques that may help the farmers in the communities.	Drought, Wildfire	Emergency Managers	Low	1,2,3	Volunteers and Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-53	Evergreen Removal Program. Have the rural and city fire departments work with local farmers and land owners to remove wild evergreen trees from their fields. Evergreens are high fire fuels and this program would reduce the risk of wildfires spreading. Evergreens also consume a lot of water and removing these trees would leave water available for other plant life.	Wildfire	Emergency Managers	Low	1,2	\$20,000 a year	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Barber County-54	Suggested Vegetation Program. Have the rural and local fire departments work with the State Forestry Service, Kansas State University Extension Office, local farmers, land owners, and home owners to suggest low fuel vegetation seeding to decrease the risk of wildfires in the areas surrounding the outskirts of the communities.	Wildfire, Drought	Emergency Managers	Low	1,2	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Barber County-55	Perimeter Wildfire Zone Ordinance. Have local landowners, where farmland meets the urban interface, to have a plowed or rocked zone from the grassland to the area meeting the local community whether it is a fence line or roadway. A suggested 20-30 feet plowed area would be recommended to slow or stop wildfires from entering the community.	Wildfire	Emergency Managers	High	1,2	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Barber County-56	Control Burns. Have the rural and local fire departments, State Forestry Service, and area farmers conduct controlled burns on highly vegetative fields to reduce the threat of wildfires.	Drought, Wildfire	Emergency Manager	High	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-57	Hazardous Materials Dump Depot. Construct a hazardous materials dump depot for area residents to rid their households of hazardous waste. Currently there is not a local site where these items can be eliminated and controlled by the cities. This will reduce the amount of toxic household hazardous waste being released into the area waterways following a major event (i.e. a flood releasing hazardous waste into the community waterways).	Dam and Levee Failure, Earthquake, Flood, Tornado	Emergency Managers	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Barber County-58	Storm Shelter Beacon Program. Purchase storm shelter beacons through grant programs and donations to provide a distress signal when people are trapped in area shelters after a disaster. This would be similar to the devices put on emergency rafts from ships that notify the United States Coast Guard when activated and provides a GPS coordinate to the rescuers.	Dam and Levee Failure, Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Managers	Medium	1,2	\$100.00 per unit	HMGP, PDM Grant, Local Budget, Grants	5 years	On-going, no reportable progress made
Barber County-59	Reverse 911 System. Purchase a reverse 911 system for the community. This will allow the Emergency Management Director to send out messages regarding in hazard event that may pose a threat to the community.	All Hazards	Emergency Manager	High	1,2,3,4	\$50,000 per system	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Barber County-60	Enter CRS Program. Enter CRS program to help reduce flood damages through mitigation efforts established in the CRS program.	Flood	Emergency Manager	High	1,2	NA	NA	3 years	On-going, no reportable progress made
Barber County-61	Upgrade And Revise Subdivision Ordinance. The current ordinance is limited in its area of applicability. A new, revised ordinance will include additional Higher Regulatory Standards to prevent flooding damages.	Flood	Emergency Manager	low	1,2	NA	NA	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-62	Aerial Photography And Mapping. Update existing photos to help with emergency response and rescue missions in the event of a disaster.	Flood, Tornado	Emergency Manager	Medium	1,2	\$175,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Barber County-63	2 Additional Weather Stations. Establish 2 additional weather stations in the Barber County area.	Drought, Extreme Heat, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager	Low	1,2	\$70,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Barber County-64	Elevation Survey of Critical Facilities. Determine the suitability for occupancy of critical facilities during flood events by way of building surveys.	Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager	low	2	\$600 per survey	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Barber County-65	Battery Backup for Traffic Signals on Arterial Streets. This is to provide battery back-up for traffic signals controlling traffic flow along arterial streets in the event of power failure to traffic signals.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager	low	1,2	\$190,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Barber County-66	Conversion of Traffic Signal to communication with Traffic Engineering by Wi-Fi Internet Service. Existing traffic signal control and communication systems communicate by low reliability overhead communications cables which will be replaced so that communication will be performed by more reliable wireless communications.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager	Low	4	\$190,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-67	Tubgrinder for Solid Waste. A Tubgrinder for the Solid Waste Division to expedite disposal of debris generated by disasters.	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager	Low	1,2	\$300,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Barber County-68	Roll-off Trash Container with Crane Attachment for Solid Waste Division. A Roll-off Trash Container with Crane Attachment for the Solid Waste Division to expedite clearing of obstructions and transport of debris for proper landfilling.	Flood, Hail, Windstorm, Lightning, Winter Storm, Wildfire	Emergency Manager	Low	1,2	\$300,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Barber County-69	Skid-Steer Loader with Loading Claw Attachment. Skid-Steer Loader with Loading Claws to clear debris generated by disaster and supplement loading operations of solid waste transport containers..	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager	Low	1,2	\$100,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Barber County-70	911 System Integration. Combine the 911 system with any GIS data gathered to help emergency responders reduce response time.	Drought, Earthquake, Extreme Heat, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager	Medium	4	\$250,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-71	Outage Reporting System. Combine the Electric SCADA with GIS data which would help reduce response time during outages.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager	Medium	4	\$150,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Barber County-72	Evaluation and Design of Land-Based Rocket Launched Cloud Seeding System to Reduce Size of Hailstones. Evaluate and if a reasonable probability of success is determined then design a ground based rocket launched and aiming system to perform cloud seeding to reduce the size of hailstones.	Hail	Emergency Manager	Low	1,2	\$100,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Barber County-73	Engineering inspection and testing of grounding system, and lightning protection of public owned communication and water towers to improve lightning . Evaluate and testing the grounding system, lightning protection and lightning induced electrical surges for publically owned communication towers and SCADA controlled water towers protection	Lightning	Emergency Manager	Low	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Barber County-74	Construction to correct defects in communication and water tower grounding systems and installation of lightning arrestors and electrical surge protection for lightning induced electrical surges . Action #82 includes an engineering evaluation of publicly owned communication towers and water towers with SCADA systems. This is to perform the construction and installation of devices to mitigate the lightning hazard.	Lightning	Emergency Manager	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-75	Storage facilities for street/road salt storage . This is to provide a corrosion resistant road salt storage facility to store road salt until needed for winter storms.	Hail, Windstorm, Lightning, Winter Storm	Emergency Manager	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Barber County-76	Construct emergency storage facilities and facilities to stabilize reactive spills collected by county Emergency Responders during disaster and emergency events. This is to provide emergency response holding and stabilization facilities to hold and test hazardous substances released by spills during emergencies that cannot be immediately transported and disposed of. These facilities will consist of a raw spill corrosive resistant holding tank for emergency responders to temporarily store wastes until testing is performed to determine the proper and legal method of disposal. An oil-water separator to separate and store the oil float, a basin to allow for pH adjustment of reactive materials, and a 2nd holding tank for retaining separated or pH adjusted materials until further testing and ultimate disposal can be performed.	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire	Emergency Manager	Low	1,2	\$400,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Barber County-77	Sun shading panels to protect equipment sensitive to extreme heat. The dates and times of extreme heat events have been and are expected to remain very predictable. Consequently, positions of screening critical equipment from direct sunlight can be performed in order to mitigate the possible equipment failures due to extreme heat. By having critical equipment in the shade during extreme heat events instead of also heated by direct sunlight could be equivalent to 5-15 degree lower ambient temperature.	Extreme Heat	Emergency Manager	Medium	1,2	\$125,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barber County-78	Upgrade Fire Department radio system to become Project 25 compliant. Replace existing obsolete radio communications infrastructure with industry standard Project 25 compliant radio equipment. System will consist of 35 mobile radios; 35 portable radios; 8 base radio units; 2 trunked repeater systems; and associated antennas and interconnecting equipment.	Multi-Hazard	Emergency Manager	Medium	3,4	\$500,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Barber County-79	Federal Commander Digital System. Siren control units and antennas for each siren, FSK encoder, software and training. This system will continually monitor siren status and provide immediate notification of siren failure, making the outdoor warning system a more reliable method of public warning.	Multi-Hazard	Emergency Manager	Medium	1,2	\$84,813	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Barber County-80	E-911 Consoles. Update E-911 Center work consoles to provide enhanced response environment.	All Hazards	Emergency Manager	Medium	4	\$105,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Barber County-81	: E-911 Lighting. Update lighting in E-911 Center to indirect lighting to improve emergency response. Poor lighting causes screen glare.	All Hazards	Emergency Manager	Medium	4	\$2,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Barber County-82	E-911 Radios. Update obsolete radios in E-911 Center to enhance emergency communication capabilities.	All Hazards	Emergency Manager	Medium	4	\$40,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-1	Public Education for drought, dam failure, earthquake, extreme heat, pandemic, thunderstorms, tornadoes, wildfires, winter storms. Inform the public with hazard information on drought, dam failure, earthquakes, extreme heat, pandemic, thunderstorms, tornadoes, wildfire, and winter storms in hazard awareness literature and presentations. This information will explain what to do, where to go in the event of a hazard and tell how to minimize their risks. Each person can help in the efforts to reduce the risks of all hazards if they know what to expect. The literature will be distributed throughout the cities, communities and school facilities and presentations will be given to school staff and students in class.	Dam Failure, Drought, Earthquake, Extreme Heat, Flood, Pandemic, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, Rural Electric Coop Director, City Clerk	High	3	\$1,000 annual	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hardtner-2	Assist local farmers in building detention ponds to help retain water for times of drought. The ponds could be used for irrigation, stock and to help fight wildfires by submerging suction pumps to battle fires	Dam Failure, Drought, Extreme Heat, Flood, Wildfire, Winter Storm	Emergency Manager, City Clerk	High	1	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-3	Multi-Purpose Public Address and Warning System. Inform the public with combination warning sirens/public address system when a thunderstorm threatens the community. Currently all communities are in need of multi-purpose warning systems. The public address system would allow the communities to announce any hazard event that is threatening the community.	All Hazards	Emergency Manager, City Clerk	High	1,2,3	\$40,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-4	NOAA Weather Radio Program. Provide a NOAA Weather Radio to students and residents in the county to warn them of weather events (including lightning and hail events). The program would allow residents to purchase the radios at a reduced price.	All Hazards	Emergency Manager, City Clerk	High	1,2,3	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hardtner-5	Community Storm Shelters and Hazard Supply Staging Areas. Build community storm shelters and hazard supply staging areas around the county and school districts to be prepared for all hazard events. The staging areas will contain equipment and supplies for all hazards. For example, medical supplies, sand, sand bags, pumps, bottled water, blankets, heaters, refrigeration units, generators, etc...	All Hazards	Emergency Manager, City Clerk	High	1,2	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hardtner-6	Emergency Operations Center/911 Call Center/Community Shelter. Build an Emergency Operations Center/911 Call Center/Community Storm Shelter. Currently, the communities EOC's are not shelters and are vulnerable to hazards.	All Hazards	Emergency Manager, City Clerk	High	1,2,4	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 5 years	On-going, no reportable progress made
Hardtner-7	Watershed, Lake, and River Warning Devices. Install electronic water level warning devices at key areas upstream and danger levels to notify the emergency management departments of possible impending flood from the watersheds, lakes, and rivers.	Dam and Levee Failure, Drought, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$500 per device	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-8	Drainage and Storm Water Management Program. Have a program to reduce or eliminate the floodplain from the areas around watersheds, lakes, and rivers that is shown on the FIRM Maps. This program would concrete the drainage area and direct the water flow downstream to detention ponds. This could reduce or eliminate flooding to some residents that are in or near the floodplains by watersheds, lakes, and rivers.	Dam and Levee Failure, Drought, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$3,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-9	Continue participation in the NFIP. Encourage participation in the NFIP for the communities that are not already participants. Continued participation in the NFIP for the communities that are currently participating will insure that individuals are not building in the flood hazard areas within the county. Also, encourage and assist those communities that are not currently participating in the NFIP to obtain membership in the program.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	Staff Time	Local Budget	Continuous	On-going, no reportable progress made, Continuous
Hardtner-10	Debris Removal Program. Have a community wide drainage and stormwater cleanup days to remove all trash and debris from local drainage ways. This would involve the local churches, businesses, high schools, boy scouts, girl scouts and City Staff throughout the county	All Hazards	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hardtner-11	Floodplain Property Acquisition Program. Purchase properties that are located in the 100 and 500 year floodplain throughout the county.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning	Emergency Manager, City Clerk	Medium	1,2	\$60,000 per property	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-12	Dredge the watersheds, lakes, and rivers. Dredge the lakes, watersheds and river channels located near communities within the county to allow a larger capacity of water and water flow during heavy snows and thunderstorms.	Dam and Levee Failure, Drought, Extreme Heat, Flood, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$1,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-13	Construct Flood Walls/levies. Construct flood walls/levies in communities where flooding is prevalent to reduce the flooding within the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$1,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3-5 years	On-going, no reportable progress made
Hardtner-14	Upgrade and Enhance Power lines. Replacement of CWC single-phase line of enhanced design. The miles of line selected will meet several points of prioritization and evaluation and represent a small percentage of total CWC miles in the rural electric distribution system. Replacing the lines would significantly mitigate losses due to damages and greatly enhance reliability in the surrounding areas. The aged CWC construction has sustained much damage over the years and was not built to current and acceptable standards. Nearly all of REC's membership in the county would directly, if not indirectly, benefit from improved safety and improved reliability of such replacements. Estimated cost to replace: \$ 860,000.00	All Hazards	Rural Electric Coop Director	Medium	1,2	\$1,160,000	HMGP Grant, PDM Grant, Local Budget, Grants, Heartland REC	4 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-15	Tree Trimming and Branch Removal Program. Have a communitywide tree-trimming program to cut down branches and trees away from power lines and drainage areas. This will reduce the chances of downed power lines during severe storms and reduce debris during flood events. The cost and time will be served by community volunteers, county staff, city staff and local electrical companies.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hardtner-16	Backup Generator for Critical Facilities. Purchase backup generators for City Halls, Emergency Operations Centers, Police Departments, Fire Departments, Community Centers, and school districts as well as two portable units for locations as needed throughout the county. These generators will be useful for severe weather events when the communities lose power. It is vital that critical facilities keep power or have backup capabilities during weather events.	All Hazards	Emergency Manager, City Clerk	Medium	1,2	\$10,000 to \$15,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hardtner-17	Individual Backup Generator Program. Provide a reimbursement program for local residents to purchase generators needed at their homes or businesses. Currently FEMA does not offer this program; however, if this program should be incorporated as a FEMA eligible project or other grant funds, this would be a good program for the local citizens.	All Hazards	Emergency Manager, City Clerk	Low	1,2	NA	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-18	Hazard Event Database. Have all emergency services departments report all hazard related incidents to the county emergency management department to keep an updated Hazard Event Database for proper tracking and reporting procedures. This would help to improve accuracy of data and help to eliminate limitations in data for all hazards. Currently, each department keeps track of their own information and does not have a primary reporting database to correlate all hazard events.	All Hazards	Emergency Manager, REC's Directors	Low	1,2	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hardtner-19	Mitigation Tabletop Exercises. A "What If" mitigation activity during HMPC meetings. For example, during the meeting have "What If" exercises to see what kind of mitigation items are in place and what if a hazard event took place, what would the outcome be and what other mitigation items would be needed to reduce the effects of the hazards.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Hardtner-20	Emergency Exercise Training. Have community-wide emergency exercises to put efforts at work prior to the real event. This will help determine "hands on" what mitigation items are needed and what could make the event go smoother in response to the hazard.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Hardtner-21	County, City, School, and Business Systems Backup. In the computer age, we now have the technology to back up all data in our computer systems. Computer system backups are available; however, the county, cities, schools and businesses need to back up their systems online or at a secondary server location to be able to retrieve their data if their buildings and computer systems were destroyed.	All Hazards	Emergency Manager, City Clerk	Medium	1,2,4	\$5,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-22	Animal Keep Zones. Determine setup, or build animal keep zones for displaced animals after a disaster. The county is a large farming community and it has several area farmers with numerous livestock. In a disaster event, animals may need to be temporarily relocated until fences and barns can be mended as well as household pets that may be displaced.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On--going
Hardtner-23	Emergency Responder Volunteer Program. Develop database and setup voluntary emergency responders in the event of a disaster to respond and assist in search and rescue, evacuations, debris removal, and other emergency services that could be too large for a community to handle at the onset of the event.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Hardtner-24	Emergency Management Mobile Unit. Purchase an EM Mobile Unit to serve as a command post during a hazard event. This unit will allow the county and city emergency managers to have an onsite location for the disaster area and be available for first response capability.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$50,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-25	Residential Assessment Team. Develop a residential assessment team to evaluate residential homes for disaster prevention. They would evaluate and suggest conditions and items that could reduce the effects of hazard events. For example, suggest hurricane straps on a house to reduce the risk of losing their roof in high winds or a tornado. The team will be a group of volunteers, county, and city staff that will go to locations with a checklist and inform the residents of things they could do to reduce their risks.	All Hazards	Emergency Manager, City Clerk	Low	1,2,3,4	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-26	Secondary Water Sources. Run a water line to a secondary water source for each of the water districts for times of drought to provide water to the public and for fire protection in the communities.	All Hazards	Emergency Manager, City Clerk	Low	1,2	\$500,000 per line	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-27	Remote Weather Cameras. Purchase remote weather cameras to view incoming weather events around the county. The weather cameras can also serve useful for wildfire that could threaten the outskirts of the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$15,000 per system	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-28	Amend Building Codes for Earthquake, High Winds, and Tornados. Amend county and city building codes to strengthen structures on new and existing buildings to reduce the effects of earthquake, high wind, and tornados.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	low	1,2	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Hardtner-29	Above Ground Gas Pumps With Backup Generators for County and City Vehicles. Above ground gas pumps for county and city vehicles in times of disasters with a backup generator. The gas pumps are for county and city use only. It was found to be a necessity during the January 2007 ice storm for several jurisdictions that ran out of gas because fuel trucks could not travel to the locations; however, there was still a demand for fuel. This could be developed at areas with controlled access.	Dam and Levee Failure, Earthquake, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$15,000 per setup	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-30	Cool/Warming Zones for Extreme Heat and Winter Storms. Set up cool/heat zones at the county, cities, and school districts where children and families can remove themselves from the cold or heat.	Extreme Heat, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$2,000 per setup	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-31	Outdoor Drinking Sources for Extreme Heat. Set up outdoor drinking sources at the parks, schools and in the communities where children and adults can re-hydrate themselves.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	\$500 per fountain	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-32	Fan and Air Conditioner Program for the Poor and the Elderly. Provide Fans and Air Conditioners for the poor and the elderly throughout the community. Hold fund-raiser programs at the cities, schools, and local churches to obtain the necessary equipment.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	Staff Time	Donations	3 - 5 years	On-going, no reportable progress made
Hardtner-33	Hazardous Material Waste Removal Day. During severe events, structures that may house hazardous materials can be damaged and release these substances into the environment. This item is to set a day for the removal of these substances after severe events.	Dam and Levee Failure, Earthquake, Flood, Tornado, Wildfire	Emergency Manager, City Clerk	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-34	Covered Walkways for Thunderstorms. Provide covered sidewalks at city streets and school walkways to reduce the risk of severe thunderstorms and winter storms to the public, and shield students and citizens from hail.	Extreme Heat, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$30,000 plus	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-35	Surge Protector Program. Provide a surge protector program to reduce the risk of electrical surges from hazard events, such as, severe thunderstorms with lightning, extreme heat, winter storms and other hazards that may cause loss of power or power surges that can damage computers, televisions, and other electronic equipment that are vulnerable. The program would allow residents to purchase surge protectors at a reduced price.	All Hazards	Emergency Manager, City Clerk	Low	1,2	None	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-36	Equipment and Furniture Strap Program. Strap and bolt down large equipment and furniture at the cities and school facilities to reduce the risk of debris during severe hazard events.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado,	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-37	Protective Window Film. Purchase protective window film for all county, city and school building windows to reduce the risk of airborne debris injuries during extreme hazard events.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-38	Lightning Detection Systems. Purchase lightning detection systems to provide warnings at city parks, camp grounds, and school recreation areas. The lightning detection system can detect lightning up to 10 miles away and could be beneficial in notifying children and adults in recreational areas of the possible danger.	Hail, Windstorm, Lightning	Emergency Manager, City Clerk	Low	1,2	\$5,000 per unit	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-39	Pumper Trucks and Fire Equipment. At least one new pumper truck with equipment are needed at each fire station to battle wildfires efficiently; however the county and cities have limited funding available for the purchase of these items.	Wildfire	Emergency Manager, City Clerk	Low	1,2	\$40,000 per unit	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-40	Individual Safe Room Program. The county would like to offer an individual safe room program with FEMA funding. The county would manage the grant program and reimburse individuals that have a safe room built. The safe room program would be on a 75% to 25% match. FEMA would cover 75% and the homeowner would cover the other 25%.	Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-41	Hand Sanitizer Zones. Purchase equipment and place at locations around the cities and the schools to have hand sanitizer available for use. These areas will have signs to notify people that sanitizer is available for use to reduce the spread of germs.	Major Disease Outbreak	Emergency Manager, City Clerk	Low	1,2	\$50 per dispenser	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-42	Promote Hurricane Straps to Contractors and Homeowners. Promote hurricane straps to local contractors and homeowners to reduce the risk of high wind and tornado damages to rooftops. Possibly conduct a program with local hardware stores to sell hurricane straps at a reduced price to homeowners and contractors to help with costs on new and existing homes.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Low	1,2,3	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Hardtner-43	Storm Shelter/Safe Room Database. Develop a countywide storm shelter and safe room database with latitude and longitude of each individual safe room in the communities. This will help locate safe rooms and citizens after a disaster.	All Hazards	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-44	Blanket, Heater, and Coat Program. Have a community-wide Blanket, Heater and Coat Program to donate items to the poor and the elderly for wintertime. Establish donation banks located throughout the cities, community churches and at the schools.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	Donations	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-45	Bury Electrical Lines Program. Change ordinances to bury electrical lines from the transformer to the house on any new construction. This will reduce the amount of downed power lines during a hazard event. Also, bury electrical cables on existing houses through grant programs that may become available.	All Hazards	Emergency Manager, RECs Directors	Low	1,2	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Hardtner-46	Become a Firewise Community. Become Firewise Communities by having each community have a Firewise Plan. Work with the State Forestry Service to meet the criteria in becoming a Firewise community.	Drought, Wildfire	Emergency Manager, City Clerk	High	1,2	\$10,000 plus	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-47	Waterline Insulation Program. Have a Waterline Insulation Program where the poor or elderly could have their waterlines insulated to reduce the risk of pipe breaks during the winter months. Work with hardware stores, churches and large businesses to donate pipe insulation wrap. The program would also request volunteer labor from high school students, churches, local businesses and city staff to install the insulation for local residents in need.	Winter Storm	Emergency Manager, City Clerk	Low	2	Volunteer Labor	Staff Time and Volunteer Labor	3 - 5 years	On-going, no reportable progress made
Hardtner-48	Storm Spotter Programs. Work with the National Weather Service to hold storm spotter training seminars in the communities or nearby areas to train interested individuals. If possible, offer this training as an elective in high schools for seniors or to any local citizen. This would place more storm spotters in the community to keep a lookout for severe weather headed for the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	3,4	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-49	Voluntary Snow Shoveling Programs. Request volunteers from local churches, boy scouts, girl scouts, city staff, and high school students that would shovel snow for the physically handicapped and the elderly in the communities. This would help these citizens from having to get out in the cold weather and reduce the chances for them to slip and fall on the ice or snow.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Hardtner-50	Snow Fences. Construct snow fences along the highways to reduce the risk of blowing snow build up on the roads. This would reduce the risk of traffic problems for emergency service vehicles and for community and highway travel.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$500,000 Countywide	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-51	Promote Drought Insurance to Farmers. Conduct presentations and provide handouts to local farmers to explain the benefits to having drought insurance. Have local insurance companies conduct the presentations and provide the handouts for the program.	Drought	Emergency Manager, City Clerk	Low	3	Volunteers and Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Hardtner-52	Volunteer Irrigation Program. Create a list of farmers willing to assist other farmers in developing irrigation lanes in their crop fields. Some local farmers do not use irrigation lanes on their farmland. Irrigation lanes will help hold water in the fields and keep moisture in the crops to reduce wildfires. Also, have agricultural professors provide information on irrigation techniques that may help the farmers in the communities.	Drought, Wildfire	Emergency Manager, City Clerk	Low	1,2,3	Volunteers and Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-53	Evergreen Removal Program. Have the rural and city fire departments work with local farmers and land owners to remove wild evergreen trees from their fields. Evergreens are high fire fuels and this program would reduce the risk of wildfires spreading. Evergreens also consume a lot of water and removing these trees would leave water available for other plant life.	Wildfire	Emergency Manager, City Clerk	Low	1,2	\$20,000 a year	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hardtner-54	Suggested Vegetation Program. Have the rural and local fire departments work with the State Forestry Service, Kansas State University Extension Office, local farmers, land owners, and home owners to suggest low fuel vegetation seeding to decrease the risk of wildfires in the areas surrounding the outskirts of the communities.	Wildfire, Drought	Emergency Manager, City Clerk	Low	1,2	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hardtner-55	Perimeter Wildfire Zone Ordinance. Have local landowners, where farmland meets the urban interface, to have a plowed or rocked zone from the grassland to the area meeting the local community whether it is a fence line or roadway. A suggested 20-30 feet plowed area would be recommended to slow or stop wildfires from entering the community.	Wildfire	Emergency Manager, City Clerk	High	1,2	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Hardtner-56	Control Burns. Have the rural and local fire departments, State Forestry Service, and area farmers conduct controlled burns on highly vegetative fields to reduce the threat of wildfires.	Drought, Wildfire	Emergency Manager, City Clerk	High	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-57	Hazardous Materials Dump Depot. Construct a hazardous materials dump depot for area residents to rid their households of hazardous waste. Currently there is not a local site where these items can be eliminated and controlled by the cities. This will reduce the amount of toxic household hazardous waste being released into the area waterways following a major event (i.e. a flood releasing hazardous waste into the community waterways).	Dam and Levee Failure, Earthquake, Flood, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hardtner-58	Storm Shelter Beacon Program. Purchase storm shelter beacons through grant programs and donations to provide a distress signal when people are trapped in area shelters after a disaster. This would be similar to the devices put on emergency rafts from ships that notify the United States Coast Guard when activated and provides a GPS coordinate to the rescuers.	Dam and Levee Failure, Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$100.00 per unit	HMGP, PDM Grant, Local Budget, Grants	5 years	On-going, no reportable progress made
Hardtner-59	Reverse 911 System. Purchase a reverse 911 system for the community. This will allow the Emergency Management Director to send out messages regarding in hazard event that may pose a threat to the community.	All Hazards	Emergency Manager, City Clerk	High	1,2,3,4	\$50,000 per system	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hardtner-60	Enter CRS Program. Enter CRS program to help reduce flood damages through mitigation efforts established in the CRS program.	Flood	Emergency Manager, City Clerk	High	1,2	NA	NA	3 years	On-going, no reportable progress made
Hardtner-61	Upgrade And Revise Subdivision Ordinance. The current ordinance is limited in its area of applicability. A new, revised ordinance will include additional Higher Regulatory Standards to prevent flooding damages.	Flood	Emergency Manager, City Clerk	low	1,2	NA	NA	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-62	Aerial Photography And Mapping. Update existing photos to help with emergency response and rescue missions in the event of a disaster.	Flood, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$175,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hardtner-63	2 Additional Weather Stations. Establish 2 additional weather stations in the Hardtner area.	Drought, Extreme Heat, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$70,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hardtner-64	Elevation Survey of Critical Facilities. Determine the suitability for occupancy of critical facilities during flood events by way of building surveys.	Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	low	2	\$600 per survey	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hardtner-65	Battery Backup for Traffic Signals on Arterial Streets. This is to provide battery back-up for traffic signals controlling traffic flow along arterial streets in the event of power failure to traffic signals.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$190,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hardtner-66	Conversion of Traffic Signal to communication with Traffic Engineering by Wi-Fi Internet Service. Existing traffic signal control and communication systems communicate by low reliability overhead communications cables which will be replaced so that communication will be performed by more reliable wireless communications.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	4	\$190,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-67	Tubgrinder for Solid Waste. A Tubgrinder for the Solid Waste Division to expedite disposal of debris generated by disasters.	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$300,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hardtner-68	Roll-off Trash Container with Crane Attachment for Solid Waste Division. A Roll-off Trash Container with Crane Attachment for the Solid Waste Division to expedite clearing of obstructions and transport of debris for proper landfilling.	Flood, Hail, Windstorm, Lightning, Winter Storm, Wildfire	Emergency Manager, City Clerk	Low	1,2	\$300,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hardtner-69	Skid-Steer Loader with Loading Claw Attachment. Skid-Steer Loader with Loading Claws to clear debris generated by disaster and supplement loading operations of solid waste transport containers..	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$100,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hardtner-70	911 System Integration. Combine the 911 system with any GIS data gathered to help emergency responders reduce response time.	Drought, Earthquake, Extreme Heat, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	4	\$250,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-71	Outage Reporting System. Combine the Electric SCADA with GIS data which would help reduce response time during outages.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	4	\$150,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hardtner-72	Evaluation and Design of Land-Based Rocket Launched Cloud Seeding System to Reduce Size of Hailstones. Evaluate and if a reasonable probability of success is determined then design a ground based rocket launched and aiming system to perform cloud seeding to reduce the size of hailstones.	Hail	Emergency Manager, City Clerk	Low	1,2	\$100,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hardtner-73	Engineering inspection and testing of grounding system, and lightning protection of public owned communication and water towers to improve lightning . Evaluate and testing the grounding system, lightning protection and lightning induced electrical surges for publically owned communication towers and SCADA controlled water towers protection	Lightning	Emergency Manager, City Clerk	Low	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hardtner-74	Construction to correct defects in communication and water tower grounding systems and installation of lightning arrestors and electrical surge protection for lightning induced electrical surges . Action #82 includes an engineering evaluation of publicly owned communication towers and water towers with SCADA systems. This is to perform the construction and installation of devices to mitigate the lightning hazard.	Lightning	Emergency Manager, City Clerk	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-75	Storage facilities for street/road salt storage . This is to provide a corrosion resistant road salt storage facility to store road salt until needed for winter storms.	Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hardtner-76	Construct emergency storage facilities and facilities to stabilize reactive spills collected by county Emergency Responders during disaster and emergency events. This is to provide emergency response holding and stabilization facilities to hold and test hazardous substances released by spills during emergencies that cannot be immediately transported and disposed of. These facilities will consist of a raw spill corrosive resistant holding tank for emergency responders to temporarily store wastes until testing is performed to determine the proper and legal method of disposal. An oil-water separator to separate and store the oil float, a basin to allow for pH adjustment of reactive materials, and a 2nd holding tank for retaining separated or pH adjusted materials until further testing and ultimate disposal can be performed.	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire	Emergency Manager, City Clerk	Low	1,2	\$400,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hardtner-77	Sun shading panels to protect equipment sensitive to extreme heat. The dates and times of extreme heat events have been and are expected to remain very predictable. Consequently, positions of screening critical equipment from direct sunlight can be performed in order to mitigate the possible equipment failures due to extreme heat. By having critical equipment in the shade during extreme heat events instead of also heated by direct sunlight could be equivalent to 5-15 degree lower ambient temperature.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	\$125,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hardtner-78	Upgrade Fire Department radio system to become Project 25 compliant. Replace existing obsolete radio communications infrastructure with industry standard Project 25 compliant radio equipment. System will consist of 35 mobile radios; 35 portable radios; 8 base radio units; 2 trunked repeater systems; and associated antennas and interconnecting equipment.	Multi-Hazard	Emergency Manager, City Clerk	Medium	3,4	\$500,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hardtner-79	Federal Commander Digital System. Siren control units and antennas for each siren, FSK encoder, software and training. This system will continually monitor siren status and provide immediate notification of siren failure, making the outdoor warning system a more reliable method of public warning.	Multi-Hazard	Emergency Manager, City Clerk	Medium	1,2	\$84,813	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hardtner-80	E-911 Consoles. Update E-911 Center work consoles to provide enhanced response environment.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$105,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hardtner-81	E-911 Lighting. Update lighting in E-911 Center to indirect lighting to improve emergency response. Poor lighting causes screen glare.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$2,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hardtner-82	E-911 Radios. Update obsolete radios in E-911 Center to enhance emergency communication capabilities.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$40,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hardtner-83	Upgrade/repair existing water tower. The City of Hardtner currently is need of repairs to its water	Utility/ Infrastructure	City Clerk	High	1,2	\$250,000	Local, State, Federal,	12/31/2020	New

	tower to meet state regulations. Repairs to the existing water tower will have to be through the use of grant funding.	Failure					Rural Development Grant		
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Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-1	Public Education for drought, dam failure, earthquake, extreme heat, pandemic, thunderstorms, tornadoes, wildfires, winter storms. Inform the public with hazard information on drought, dam failure, earthquakes, extreme heat, pandemic, thunderstorms, tornadoes, wildfire, and winter storms in hazard awareness literature and presentations. This information will explain what to do, where to go in the event of a hazard and tell how to minimize their risks. Each person can help in the efforts to reduce the risks of all hazards if they know what to expect. The literature will be distributed throughout the cities, communities and school facilities and presentations will be given to school staff and students in class.	Dam Failure, Drought, Earthquake, Extreme Heat, Flood, Pandemic, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, Rural Electric Coop	High	3	\$1,000 annual	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hazelton-2	Assist local farmers in building detention ponds to help retain water for times of drought. The ponds could be used for irrigation, stock and to help fight wildfires by submerging suction pumps to battle fires	Dam Failure, Drought, Extreme Heat, Flood, Wildfire, Winter Storm	Emergency Manager, City Clerk	High	1	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-3	Multi-Purpose Public Address and Warning System. Inform the public with combination warning sirens/public address system when a thunderstorm threatens the community. Currently all communities are in need of multi-purpose warning systems. The public address system would allow the communities to announce any hazard event that is threatening the community.	All Hazards	Emergency Manager, City Clerk	High	1,2,3	\$40,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-4	NOAA Weather Radio Program. Provide a NOAA Weather Radio to students and residents in the county to warn them of weather events (including lightning and hail events). The program would allow residents to purchase the radios at a reduced price.	All Hazards	Emergency Manager, City Clerk	High	1,2,3	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hazelton-5	Community Storm Shelters and Hazard Supply Staging Areas. Build community storm shelters and hazard supply staging areas around the county and school districts to be prepared for all hazard events. The staging areas will contain equipment and supplies for all hazards. For example, medical supplies, sand, sand bags, pumps, bottled water, blankets, heaters, refrigeration units, generators, etc...	All Hazards	Emergency Manager, City Clerk	High	1,2	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hazelton-6	Emergency Operations Center/911 Call Center/Community Shelter. Build an Emergency Operations Center/911 Call Center/Community Storm Shelter. Currently, the communities EOC's are not shelters and are vulnerable to hazards.	All Hazards	Emergency Manager, City Clerk	High	1,2,4	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 5 years	On-going, no reportable progress made
Hazelton-7	Watershed, Lake, and River Warning Devices. Install electronic water level warning devices at key areas upstream and danger levels to notify the emergency management departments of possible impending flood from the watersheds, lakes, and rivers.	Dam and Levee Failure, Drought, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$500 per device	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-8	Drainage and Storm Water Management Program. Have a program to reduce or eliminate the floodplain from the areas around watersheds, lakes, and rivers that is shown on the FIRM Maps. This program would concrete the drainage area and direct the water flow downstream to detention ponds. This could reduce or eliminate flooding to some residents that are in or near the floodplains by watersheds, lakes, and rivers.	Dam and Levee Failure, Drought, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$3,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-9	Continue participation in the NFIP. Encourage participation in the NFIP for the communities that are not already participants. Continued participation in the NFIP for the communities that are currently participating will insure that individuals are not building in the flood hazard areas within the county. Also, encourage and assist those communities that are not currently participating in the NFIP to obtain membership in the program.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	Staff Time	Local Budget	Continuous	On-going, no reportable progress made, Continuous
Hazelton-10	Debris Removal Program. Have a community wide drainage and stormwater cleanup days to remove all trash and debris from local drainage ways. This would involve the local churches, businesses, high schools, boy scouts, girl scouts and City Staff throughout the county	All Hazards	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hazelton-11	Floodplain Property Acquisition Program. Purchase properties that are located in the 100 and 500 year floodplain throughout the county.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning	Emergency Manager, City Clerk	Medium	1,2	\$60,000 per property	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-12	Dredge the watersheds, lakes, and rivers. Dredge the lakes, watersheds and river channels located near communities within the county to allow a larger capacity of water and water flow during heavy snows and thunderstorms.	Dam and Levee Failure, Drought, Extreme Heat, Flood, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$1,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-13	Construct Flood Walls/levies. Construct flood walls/levies in communities where flooding is prevalent to reduce the flooding within the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$1,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3-5 years	On-going, no reportable progress made
Hazelton-14	Upgrade and Enhance Power lines. Replacement of CWC single-phase line of enhanced design. The miles of line selected will meet several points of prioritization and evaluation and represent a small percentage of total CWC miles in the rural electric distribution system. Replacing the lines would significantly mitigate losses due to damages and greatly enhance reliability in the surrounding areas. The aged CWC construction has sustained much damage over the years and was not built to current and acceptable standards. Nearly all of REC's membership in the county would directly, if not indirectly, benefit from improved safety and improved reliability of such replacements. Estimated cost to replace: \$ 860,000.00	All Hazards	Rural Electric Coop Director	Medium	1,2	\$1,160,000	HMGP Grant, PDM Grant, Local Budget, Grants, Heartland REC	4 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-15	Tree Trimming and Branch Removal Program. Have a communitywide tree-trimming program to cut down branches and trees away from power lines and drainage areas. This will reduce the chances of downed power lines during severe storms and reduce debris during flood events. The cost and time will be served by community volunteers, county staff, city staff and local electrical companies.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hazelton-16	Backup Generator for Critical Facilities. Purchase backup generators for City Halls, Emergency Operations Centers, Police Departments, Fire Departments, Community Centers, and school districts as well as two portable units for locations as needed throughout the county. These generators will be useful for severe weather events when the communities lose power. It is vital that critical facilities keep power or have backup capabilities during weather events.	All Hazards	Emergency Manager, City Clerk	Medium	1,2	\$10,000 to \$15,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hazelton-17	Individual Backup Generator Program. Provide a reimbursement program for local residents to purchase generators needed at their homes or businesses. Currently FEMA does not offer this program; however, if this program should be incorporated as a FEMA eligible project or other grant funds, this would be a good program for the local citizens.	All Hazards	Emergency Manager, City Clerk	Low	1,2	NA	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-18	Hazard Event Database. Have all emergency services departments report all hazard related incidents to the county emergency management department to keep an updated Hazard Event Database for proper tracking and reporting procedures. This would help to improve accuracy of data and help to eliminate limitations in data for all hazards. Currently, each department keeps track of their own information and does not have a primary reporting database to correlate all hazard events.	All Hazards	Emergency Manager, RECs	Low	1,2	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hazelton-19	Mitigation Tabletop Exercises. A “What If” mitigation activity during HMPC meetings. For example, during the meeting have “What If” exercises to see what kind of mitigation items are in place and what if a hazard event took place, what would the outcome be and what other mitigation items would be needed to reduce the effects of the hazards.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Hazelton-20	Emergency Exercise Training. Have community-wide emergency exercises to put efforts at work prior to the real event. This will help determine “hands on” what mitigation items are needed and what could make the event go smoother in response to the hazard.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Hazelton-21	County, City, School, and Business Systems Backup. In the computer age, we now have the technology to back up all data in our computer systems. Computer system backups are available; however, the county, cities, schools and businesses need to back up their systems online or at a secondary server location to be able to retrieve their data if their buildings and computer systems were destroyed.	All Hazards	Emergency Manager, City Clerk	Medium	1,2,4	\$5,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-22	Animal Keep Zones. Determine setup, or build animal keep zones for displaced animals after a disaster. The county is a large farming community and it has several area farmers with numerous livestock. In a disaster event, animals may need to be temporarily relocated until fences and barns can be mended as well as household pets that may be displaced.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going
Hazelton-23	Emergency Responder Volunteer Program. Develop database and setup voluntary emergency responders in the event of a disaster to respond and assist in search and rescue, evacuations, debris removal, and other emergency services that could be too large for a community to handle at the onset of the event.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Hazelton-24	Emergency Management Mobile Unit. Purchase an EM Mobile Unit to serve as a command post during a hazard event. This unit will allow the county and city emergency managers to have an onsite location for the disaster area and be available for first response capability.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$50,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-25	Residential Assessment Team. Develop a residential assessment team to evaluate residential homes for disaster prevention. They would evaluate and suggest conditions and items that could reduce the effects of hazard events. For example, suggest hurricane straps on a house to reduce the risk of losing their roof in high winds or a tornado. The team will be a group of volunteers, county, and city staff that will go to locations with a checklist and inform the residents of things they could do to reduce their risks.	All Hazards	Emergency Manager, City Clerk	Low	1,2,3,4	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-26	Secondary Water Sources. Run a water line to a secondary water source for each of the water districts for times of drought to provide water to the public and for fire protection in the communities.	All Hazards	Emergency Manager, City Clerk	Low	1,2	\$500,000 per line	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-27	Remote Weather Cameras. Purchase remote weather cameras to view incoming weather events around the county. The weather cameras can also serve useful for wildfire that could threaten the outskirts of the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$15,000 per system	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-28	Amend Building Codes for Earthquake, High Winds, and Tornados. Amend county and city building codes to strengthen structures on new and existing buildings to reduce the effects of earthquake, high wind, and tornados.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	low	1,2	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Hazelton-29	Above Ground Gas Pumps With Backup Generators for County and City Vehicles. Above ground gas pumps for county and city vehicles in times of disasters with a backup generator. The gas pumps are for county and city use only. It was found to be a necessity during the January 2007 ice storm for several jurisdictions that ran out of gas because fuel trucks could not travel to the locations; however, there was still a demand for fuel. This could be developed at areas with controlled access.	Dam and Levee Failure, Earthquake, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$15,000 per setup	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-30	Cool/Warming Zones for Extreme Heat and Winter Storms. Set up cool/heat zones at the county, cities, and school districts where children and families can remove themselves from the cold or heat.	Extreme Heat, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$2,000 per setup	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-31	Outdoor Drinking Sources for Extreme Heat. Set up outdoor drinking sources at the parks, schools and in the communities where children and adults can re-hydrate themselves.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	\$500 per fountain	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-32	Fan and Air Conditioner Program for the Poor and the Elderly. Provide Fans and Air Conditioners for the poor and the elderly throughout the community. Hold fund-raiser programs at the cities, schools, and local churches to obtain the necessary equipment.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	Staff Time	Donations	3 - 5 years	On-going, no reportable progress made
Hazelton-33	Hazardous Material Waste Removal Day. During severe events, structures that may house hazardous materials can be damaged and release these substances into the environment. This item is to set a day for the removal of these substances after severe events.	Dam and Levee Failure, Earthquake, Flood, Tornado, Wildfire	Emergency Manager, City Clerk	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-34	Covered Walkways for Thunderstorms. Provide covered sidewalks at city streets and school walkways to reduce the risk of severe thunderstorms and winter storms to the public, and shield students and citizens from hail.	Extreme Heat, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$30,000 plus	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-35	Surge Protector Program. Provide a surge protector program to reduce the risk of electrical surges from hazard events, such as, severe thunderstorms with lightning, extreme heat, winter storms and other hazards that may cause loss of power or power surges that can damage computers, televisions, and other electronic equipment that are vulnerable. The program would allow residents to purchase surge protectors at a reduced price.	All Hazards	Emergency Manager, City Clerk	Low	1,2	None	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-36	Equipment and Furniture Strap Program. Strap and bolt down large equipment and furniture at the cities and school facilities to reduce the risk of debris during severe hazard events.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado,	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-37	Protective Window Film. Purchase protective window film for all county, city and school building windows to reduce the risk of airborne debris injuries during extreme hazard events.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-38	Lightning Detection Systems. Purchase lightning detection systems to provide warnings at city parks, camp grounds, and school recreation areas. The lightning detection system can detect lightning up to 10 miles away and could be beneficial in notifying children and adults in recreational areas of the possible danger.	Hail, Windstorm, Lightning	Emergency Manager, City Clerk	Low	1,2	\$5,000 per unit	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-39	Pumper Trucks and Fire Equipment. At least one new pumper truck with equipment are needed at each fire station to battle wildfires efficiently; however the county and cities have limited funding available for the purchase of these items.	Wildfire	Emergency Manager, City Clerk	Low	1,2	\$40,000 per unit	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-40	Individual Safe Room Program. The county would like to offer an individual safe room program with FEMA funding. The county would manage the grant program and reimburse individuals that have a safe room built. The safe room program would be on a 75% to 25% match. FEMA would cover 75% and the homeowner would cover the other 25%.	Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-41	Hand Sanitizer Zones. Purchase equipment and place at locations around the cities and the schools to have hand sanitizer available for use. These areas will have signs to notify people that sanitizer is available for use to reduce the spread of germs.	Major Disease Outbreak	Emergency Manager, City Clerk	Low	1,2	\$50 per dispenser	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-42	Promote Hurricane Straps to Contractors and Homeowners. Promote hurricane straps to local contractors and homeowners to reduce the risk of high wind and tornado damages to rooftops. Possibly conduct a program with local hardware stores to sell hurricane straps at a reduced price to homeowners and contractors to help with costs on new and existing homes.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Low	1,2,3	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Hazelton-43	Storm Shelter/Safe Room Database. Develop a countywide storm shelter and safe room database with latitude and longitude of each individual safe room in the communities. This will help locate safe rooms and citizens after a disaster.	All Hazards	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-44	Blanket, Heater, and Coat Program. Have a community-wide Blanket, Heater and Coat Program to donate items to the poor and the elderly for wintertime. Establish donation banks located throughout the cities, community churches and at the schools.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	Donations	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-45	Bury Electrical Lines Program. Change ordinances to bury electrical lines from the transformer to the house on any new construction. This will reduce the amount of downed power lines during a hazard event. Also, bury electrical cables on existing houses through grant programs that may become available.	All Hazards	Emergency Manager, RECs Directors	Low	1,2	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Hazelton-46	Become a Firewise Community. Become Firewise Communities by having each community have a Firewise Plan. Work with the State Forestry Service to meet the criteria in becoming a Firewise community.	Drought, Wildfire	Emergency Manager, City Clerk	High	1,2	\$10,000 plus	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-47	Waterline Insulation Program. Have a Waterline Insulation Program where the poor or elderly could have their waterlines insulated to reduce the risk of pipe breaks during the winter months. Work with hardware stores, churches and large businesses to donate pipe insulation wrap. The program would also request volunteer labor from high school students, churches, local businesses and city staff to install the insulation for local residents in need.	Winter Storm	Emergency Manager, City Clerk	Low	2	Volunteer Labor	Staff Time and Volunteer Labor	3 - 5 years	On-going, no reportable progress made
Hazelton-48	Storm Spotter Programs. Work with the National Weather Service to hold storm spotter training seminars in the communities or nearby areas to train interested individuals. If possible, offer this training as an elective in high schools for seniors or to any local citizen. This would place more storm spotters in the community to keep a lookout for severe weather headed for the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	3,4	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-49	Voluntary Snow Shoveling Programs. Request volunteers from local churches, boy scouts, girl scouts, city staff, and high school students that would shovel snow for the physically handicapped and the elderly in the communities. This would help these citizens from having to get out in the cold weather and reduce the chances for them to slip and fall on the ice or snow.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Hazelton-50	Snow Fences. Construct snow fences along the highways to reduce the risk of blowing snow build up on the roads. This would reduce the risk of traffic problems for emergency service vehicles and for community and highway travel.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$500,000 Countywide	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-51	Promote Drought Insurance to Farmers. Conduct presentations and provide handouts to local farmers to explain the benefits to having drought insurance. Have local insurance companies conduct the presentations and provide the handouts for the program.	Drought	Emergency Manager, City Clerk	Low	3	Volunteers and Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Hazelton-52	Volunteer Irrigation Program. Create a list of farmers willing to assist other farmers in developing irrigation lanes in their crop fields. Some local farmers do not use irrigation lanes on their farmland. Irrigation lanes will help hold water in the fields and keep moisture in the crops to reduce wildfires. Also, have agricultural professors provide information on irrigation techniques that may help the farmers in the communities.	Drought, Wildfire	Emergency Manager, City Clerk	Low	1,2,3	Volunteers and Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-53	Evergreen Removal Program. Have the rural and city fire departments work with local farmers and land owners to remove wild evergreen trees from their fields. Evergreens are high fire fuels and this program would reduce the risk of wildfires spreading. Evergreens also consume a lot of water and removing these trees would leave water available for other plant life.	Wildfire	Emergency Manager, City Clerk	Low	1,2	\$20,000 a year	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hazelton-54	Suggested Vegetation Program. Have the rural and local fire departments work with the State Forestry Service, Kansas State University Extension Office, local farmers, land owners, and home owners to suggest low fuel vegetation seeding to decrease the risk of wildfires in the areas surrounding the outskirts of the communities.	Wildfire, Drought	Emergency Manager, City Clerk	Low	1,2	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Hazelton-55	Perimeter Wildfire Zone Ordinance. Have local landowners, where farmland meets the urban interface, to have a plowed or rocked zone from the grassland to the area meeting the local community whether it is a fence line or roadway. A suggested 20-30 feet plowed area would be recommended to slow or stop wildfires from entering the community.	Wildfire	Emergency Manager, City Clerk	High	1,2	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Hazelton-56	Control Burns. Have the rural and local fire departments, State Forestry Service, and area farmers conduct controlled burns on highly vegetative fields to reduce the threat of wildfires.	Drought, Wildfire	Emergency Manager, City Clerk	High	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-57	Hazardous Materials Dump Depot. Construct a hazardous materials dump depot for area residents to rid their households of hazardous waste. Currently there is not a local site where these items can be eliminated and controlled by the cities. This will reduce the amount of toxic household hazardous waste being released into the area waterways following a major event (i.e. a flood releasing hazardous waste into the community waterways).	Dam and Levee Failure, Earthquake, Flood, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hazelton-58	Storm Shelter Beacon Program. Purchase storm shelter beacons through grant programs and donations to provide a distress signal when people are trapped in area shelters after a disaster. This would be similar to the devices put on emergency rafts from ships that notify the United States Coast Guard when activated and provides a GPS coordinate to the rescuers.	Dam and Levee Failure, Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$100.00 per unit	HMGP, PDM Grant, Local Budget, Grants	5 years	On-going, no reportable progress made
Hazelton-59	Reverse 911 System. Purchase a reverse 911 system for the community. This will allow the Emergency Management Director to send out messages regarding in hazard event that may pose a threat to the community.	All Hazards	Emergency Manager, City Clerk	High	1,2,3,4	\$50,000 per system	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hazelton-60	Enter CRS Program. Enter CRS program to help reduce flood damages through mitigation efforts established in the CRS program.	Flood	Emergency Manager, City Clerk	High	1,2	NA	NA	3 years	On-going, no reportable progress made
Hazelton-61	Upgrade And Revise Subdivision Ordinance. The current ordinance is limited in its area of applicability. A new, revised ordinance will include additional Higher Regulatory Standards to prevent flooding damages.	Flood	Emergency Manager, City Clerk	low	1,2	NA	NA	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-62	Aerial Photography And Mapping. Update existing photos to help with emergency response and rescue missions in the event of a disaster.	Flood, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$175,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hazelton-63	2 Additional Weather Stations. Establish 2 additional weather stations in the Hazelton area.	Drought, Extreme Heat, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$70,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hazelton-64	Elevation Survey of Critical Facilities. Determine the suitability for occupancy of critical facilities during flood events by way of building surveys.	Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	low	2	\$600 per survey	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hazelton-65	Battery Backup for Traffic Signals on Arterial Streets. This is to provide battery back-up for traffic signals controlling traffic flow along arterial streets in the event of power failure to traffic signals.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$190,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hazelton-66	Conversion of Traffic Signal to communication with Traffic Engineering by Wi-Fi Internet Service. Existing traffic signal control and communication systems communicate by low reliability overhead communications cables which will be replaced so that communication will be performed by more reliable wireless communications.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	4	\$190,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-67	Tubgrinder for Solid Waste. A Tubgrinder for the Solid Waste Division to expedite disposal of debris generated by disasters.	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$300,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hazelton-68	Roll-off Trash Container with Crane Attachment for Solid Waste Division. A Roll-off Trash Container with Crane Attachment for the Solid Waste Division to expedite clearing of obstructions and transport of debris for proper landfilling.	Flood, Hail, Windstorm, Lightning, Winter Storm, Wildfire	Emergency Manager, City Clerk	Low	1,2	\$300,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hazelton-69	Skid-Steer Loader with Loading Claw Attachment. Skid-Steer Loader with Loading Claws to clear debris generated by disaster and supplement loading operations of solid waste transport containers..	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$100,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hazelton-70	911 System Integration. Combine the 911 system with any GIS data gathered to help emergency responders reduce response time.	Drought, Earthquake, Extreme Heat, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	4	\$250,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-71	Outage Reporting System. Combine the Electric SCADA with GIS data which would help reduce response time during outages.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	4	\$150,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hazelton-72	Evaluation and Design of Land-Based Rocket Launched Cloud Seeding System to Reduce Size of Hailstones. Evaluate and if a reasonable probability of success is determined then design a ground based rocket launched and aiming system to perform cloud seeding to reduce the size of hailstones.	Hail	Emergency Manager, City Clerk	Low	1,2	\$100,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hazelton-73	Engineering inspection and testing of grounding system, and lightning protection of public owned communication and water towers to improve lightning . Evaluate and testing the grounding system, lightning protection and lightning induced electrical surges for publically owned communication towers and SCADA controlled water towers protection	Lightning	Emergency Manager, City Clerk	Low	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hazelton-74	Construction to correct defects in communication and water tower grounding systems and installation of lightning arrestors and electrical surge protection for lightning induced electrical surges . Action #82 includes an engineering evaluation of publicly owned communication towers and water towers with SCADA systems. This is to perform the construction and installation of devices to mitigate the lightning hazard.	Lightning	Emergency Manager, City Clerk	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-75	Storage facilities for street/road salt storage . This is to provide a corrosion resistant road salt storage facility to store road salt until needed for winter storms.	Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hazelton-76	Construct emergency storage facilities and facilities to stabilize reactive spills collected by county Emergency Responders during disaster and emergency events. This is to provide emergency response holding and stabilization facilities to hold and test hazardous substances released by spills during emergencies that cannot be immediately transported and disposed of. These facilities will consist of a raw spill corrosive resistant holding tank for emergency responders to temporarily store wastes until testing is performed to determine the proper and legal method of disposal. An oil-water separator to separate and store the oil float, a basin to allow for pH adjustment of reactive materials, and a 2nd holding tank for retaining separated or pH adjusted materials until further testing and ultimate disposal can be performed.	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire	Emergency Manager, City Clerk	Low	1,2	\$400,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hazelton-77	Sun shading panels to protect equipment sensitive to extreme heat. The dates and times of extreme heat events have been and are expected to remain very predictable. Consequently, positions of screening critical equipment from direct sunlight can be performed in order to mitigate the possible equipment failures due to extreme heat. By having critical equipment in the shade during extreme heat events instead of also heated by direct sunlight could be equivalent to 5-15 degree lower ambient temperature.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	\$125,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hazelton-78	Upgrade Fire Department radio system to become Project 25 compliant. Replace existing obsolete radio communications infrastructure with industry standard Project 25 compliant radio equipment. System will consist of 35 mobile radios; 35 portable radios; 8 base radio units; 2 trunked repeater systems; and associated antennas and interconnecting equipment.	Multi-Hazard	Emergency Manager, City Clerk	Medium	3,4	\$500,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hazelton-79	Federal Commander Digital System. Siren control units and antennas for each siren, FSK encoder, software and training. This system will continually monitor siren status and provide immediate notification of siren failure, making the outdoor warning system a more reliable method of public warning.	Multi-Hazard	Emergency Manager, City Clerk	Medium	1,2	\$84,813	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Hazelton-80	E-911 Consoles. Update E-911 Center work consoles to provide enhanced response environment.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$105,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hazelton-81	: E-911 Lighting. Update lighting in E-911 Center to indirect lighting to improve emergency response. Poor lighting causes screen glare.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$2,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Hazelton-82	E-911 Radios. Update obsolete radios in E-911 Center to enhance emergency communication capabilities.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$40,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-1	Public Education for drought, dam failure, earthquake, extreme heat, pandemic, thunderstorms, tornadoes, wildfires, winter storms. Inform the public with hazard information on drought, dam failure, earthquakes, extreme heat, pandemic, thunderstorms, tornadoes, wildfire, and winter storms in hazard awareness literature and presentations. This information will explain what to do, where to go in the event of a hazard and tell how to minimize their risks. Each person can help in the efforts to reduce the risks of all hazards if they know what to expect. The literature will be distributed throughout the cities, communities and school facilities and presentations will be given to school staff and students in class.	Dam Failure, Drought, Earthquake, Extreme Heat, Flood, Pandemic, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, Rural Electric Coop Directors	High	3	\$1,000 annual	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Isabel-2	Assist local farmers in building detention ponds to help retain water for times of drought. The ponds could be used for irrigation, stock and to help fight wildfires by submerging suction pumps to battle fires	Dam Failure, Drought, Extreme Heat, Flood, Wildfire, Winter Storm	Emergency Manager, City Clerk	High	1	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-3	Multi-Purpose Public Address and Warning System. Inform the public with combination warning sirens/public address system when a thunderstorm threatens the community. Currently all communities are in need of multi-purpose warning systems. The public address system would allow the communities to announce any hazard event that is threatening the community.	All Hazards	Emergency Manager, City Clerk	High	1,2,3	\$40,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-4	NOAA Weather Radio Program. Provide a NOAA Weather Radio to students and residents in the county to warn them of weather events (including lightning and hail events). The program would allow residents to purchase the radios at a reduced price.	All Hazards	Emergency Manager, City Clerk	High	1,2,3	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Isabel-5	Community Storm Shelters and Hazard Supply Staging Areas. Build community storm shelters and hazard supply staging areas around the county and school districts to be prepared for all hazard events. The staging areas will contain equipment and supplies for all hazards. For example, medical supplies, sand, sand bags, pumps, bottled water, blankets, heaters, refrigeration units, generators, etc...	All Hazards	Emergency Manager, City Clerk	High	1,2	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Isabel-6	Emergency Operations Center/911 Call Center/Community Shelter. Build an Emergency Operations Center/911 Call Center/Community Storm Shelter. Currently, the communities EOC's are not shelters and are vulnerable to hazards.	All Hazards	Emergency Manager, City Clerk	High	1,2,4	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 5 years	On-going, no reportable progress made
Isabel-7	Watershed, Lake, and River Warning Devices. Install electronic water level warning devices at key areas upstream and danger levels to notify the emergency management departments of possible impending flood from the watersheds, lakes, and rivers.	Dam and Levee Failure, Drought, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$500 per device	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-8	Drainage and Storm Water Management Program. Have a program to reduce or eliminate the floodplain from the areas around watersheds, lakes, and rivers that is shown on the FIRM Maps. This program would concrete the drainage area and direct the water flow downstream to detention ponds. This could reduce or eliminate flooding to some residents that are in or near the floodplains by watersheds, lakes, and rivers.	Dam and Levee Failure, Drought, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$3,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-9	Continue participation in the NFIP. Encourage participation in the NFIP for the communities that are not already participants. Continued participation in the NFIP for the communities that are currently participating will insure that individuals are not building in the flood hazard areas within the county. Also, encourage and assist those communities that are not currently participating in the NFIP to obtain membership in the program.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	Staff Time	Local Budget	Continuous	On-going, no reportable progress made, Continuous
Isabel-10	Debris Removal Program. Have a community wide drainage and stormwater cleanup days to remove all trash and debris from local drainage ways. This would involve the local churches, businesses, high schools, boy scouts, girl scouts and City Staff throughout the county	All Hazards	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Isabel-11	Floodplain Property Acquisition Program. Purchase properties that are located in the 100 and 500 year floodplain throughout the county.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning	Emergency Manager, City Clerk	Medium	1,2	\$60,000 per property	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-12	Dredge the watersheds, lakes, and rivers. Dredge the lakes, watersheds and river channels located near communities within the county to allow a larger capacity of water and water flow during heavy snows and thunderstorms.	Dam and Levee Failure, Drought, Extreme Heat, Flood, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$1,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-13	Construct Flood Walls/levies. Construct flood walls/levies in communities where flooding is prevalent to reduce the flooding within the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$1,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3-5 years	On-going, no reportable progress made
Isabel-14	Upgrade and Enhance Power lines. Replacement of CWC single-phase line of enhanced design. The miles of line selected will meet several points of prioritization and evaluation and represent a small percentage of total CWC miles in the rural electric distribution system. Replacing the lines would significantly mitigate losses due to damages and greatly enhance reliability in the surrounding areas. The aged CWC construction has sustained much damage over the years and was not built to current and acceptable standards. Nearly all of REC's membership in the county would directly, if not indirectly, benefit from improved safety and improved reliability of such replacements. Estimated cost to replace: \$ 860,000.00	All Hazards	Rural Electric Coop Director	Medium	1,2	\$1,160,000	HMGP Grant, PDM Grant, Local Budget, Grants, Heartland REC	4 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-15	Tree Trimming and Branch Removal Program. Have a communitywide tree-trimming program to cut down branches and trees away from power lines and drainage areas. This will reduce the chances of downed power lines during severe storms and reduce debris during flood events. The cost and time will be served by community volunteers, county staff, city staff and local electrical companies.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Isabel-16	Backup Generator for Critical Facilities. Purchase backup generators for City Halls, Emergency Operations Centers, Police Departments, Fire Departments, Community Centers, and school districts as well as two portable units for locations as needed throughout the county. These generators will be useful for severe weather events when the communities lose power. It is vital that critical facilities keep power or have backup capabilities during weather events.	All Hazards	Emergency Manager, City Clerk	Medium	1,2	\$10,000 to \$15,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Isabel-17	Individual Backup Generator Program. Provide a reimbursement program for local residents to purchase generators needed at their homes or businesses. Currently FEMA does not offer this program; however, if this program should be incorporated as a FEMA eligible project or other grant funds, this would be a good program for the local citizens.	All Hazards	Emergency Manager, City Clerk	Low	1,2	NA	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-18	Hazard Event Database. Have all emergency services departments report all hazard related incidents to the county emergency management department to keep an updated Hazard Event Database for proper tracking and reporting procedures. This would help to improve accuracy of data and help to eliminate limitations in data for all hazards. Currently, each department keeps track of their own information and does not have a primary reporting database to correlate all hazard events.	All Hazards	Emergency Manager, REC's Directors	Low	1,2	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Isabel-19	Mitigation Tabletop Exercises. A "What If" mitigation activity during HMPC meetings. For example, during the meeting have "What If" exercises to see what kind of mitigation items are in place and what if a hazard event took place, what would the outcome be and what other mitigation items would be needed to reduce the effects of the hazards.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Isabel-20	Emergency Exercise Training. Have community-wide emergency exercises to put efforts at work prior to the real event. This will help determine "hands on" what mitigation items are needed and what could make the event go smoother in response to the hazard.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Isabel-21	County, City, School, and Business Systems Backup. In the computer age, we now have the technology to back up all data in our computer systems. Computer system backups are available; however, the county, cities, schools and businesses need to back up their systems online or at a secondary server location to be able to retrieve their data if their buildings and computer systems were destroyed.	All Hazards	Emergency Manager, City Clerk	Medium	1,2,4	\$5,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-22	Animal Keep Zones. Determine setup, or build animal keep zones for displaced animals after a disaster. The county is a large farming community and it has several area farmers with numerous livestock. In a disaster event, animals may need to be temporarily relocated until fences and barns can be mended as well as household pets that may be displaced.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going
Isabel-23	Emergency Responder Volunteer Program. Develop database and setup voluntary emergency responders in the event of a disaster to respond and assist in search and rescue, evacuations, debris removal, and other emergency services that could be too large for a community to handle at the onset of the event.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Isabel-24	Emergency Management Mobile Unit. Purchase an EM Mobile Unit to serve as a command post during a hazard event. This unit will allow the county and city emergency managers to have an onsite location for the disaster area and be available for first response capability.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$50,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-25	Residential Assessment Team. Develop a residential assessment team to evaluate residential homes for disaster prevention. They would evaluate and suggest conditions and items that could reduce the effects of hazard events. For example, suggest hurricane straps on a house to reduce the risk of losing their roof in high winds or a tornado. The team will be a group of volunteers, county, and city staff that will go to locations with a checklist and inform the residents of things they could do to reduce their risks.	All Hazards	Emergency Manager, City Clerk	Low	1,2,3,4	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-26	Secondary Water Sources. Run a water line to a secondary water source for each of the water districts for times of drought to provide water to the public and for fire protection in the communities.	All Hazards	Emergency Manager, City Clerk	Low	1,2	\$500,000 per line	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-27	Remote Weather Cameras. Purchase remote weather cameras to view incoming weather events around the county. The weather cameras can also serve useful for wildfire that could threaten the outskirts of the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$15,000 per system	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-28	Amend Building Codes for Earthquake, High Winds, and Tornados. Amend county and city building codes to strengthen structures on new and existing buildings to reduce the effects of earthquake, high wind, and tornados.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	low	1,2	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Isabel-29	Above Ground Gas Pumps With Backup Generators for County and City Vehicles. Above ground gas pumps for county and city vehicles in times of disasters with a backup generator. The gas pumps are for county and city use only. It was found to be a necessity during the January 2007 ice storm for several jurisdictions that ran out of gas because fuel trucks could not travel to the locations; however, there was still a demand for fuel. This could be developed at areas with controlled access.	Dam and Levee Failure, Earthquake, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$15,000 per setup	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-30	Cool/Warming Zones for Extreme Heat and Winter Storms. Set up cool/heat zones at the county, cities, and school districts where children and families can remove themselves from the cold or heat.	Extreme Heat, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$2,000 per setup	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-31	Outdoor Drinking Sources for Extreme Heat. Set up outdoor drinking sources at the parks, schools and in the communities where children and adults can re-hydrate themselves.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	\$500 per fountain	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-32	Fan and Air Conditioner Program for the Poor and the Elderly. Provide Fans and Air Conditioners for the poor and the elderly throughout the community. Hold fund-raiser programs at the cities, schools, and local churches to obtain the necessary equipment.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	Staff Time	Donations	3 - 5 years	On-going, no reportable progress made
Isabel-33	Hazardous Material Waste Removal Day. During severe events, structures that may house hazardous materials can be damaged and release these substances into the environment. This item is to set a day for the removal of these substances after severe events.	Dam and Levee Failure, Earthquake, Flood, Tornado, Wildfire	Emergency Manager, City Clerk	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-34	Covered Walkways for Thunderstorms. Provide covered sidewalks at city streets and school walkways to reduce the risk of severe thunderstorms and winter storms to the public, and shield students and citizens from hail.	Extreme Heat, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$30,000 plus	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-35	Surge Protector Program. Provide a surge protector program to reduce the risk of electrical surges from hazard events, such as, severe thunderstorms with lightning, extreme heat, winter storms and other hazards that may cause loss of power or power surges that can damage computers, televisions, and other electronic equipment that are vulnerable. The program would allow residents to purchase surge protectors at a reduced price.	All Hazards	Emergency Manager, City Clerk	Low	1,2	None	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-36	Equipment and Furniture Strap Program. Strap and bolt down large equipment and furniture at the cities and school facilities to reduce the risk of debris during severe hazard events.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado,	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-37	Protective Window Film. Purchase protective window film for all county, city and school building windows to reduce the risk of airborne debris injuries during extreme hazard events.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-38	Lightning Detection Systems. Purchase lightning detection systems to provide warnings at city parks, camp grounds, and school recreation areas. The lightning detection system can detect lightning up to 10 miles away and could be beneficial in notifying children and adults in recreational areas of the possible danger.	Hail, Windstorm, Lightning	Emergency Manager, City Clerk	Low	1,2	\$5,000 per unit	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-39	Pumper Trucks and Fire Equipment. At least one new pumper truck with equipment are needed at each fire station to battle wildfires efficiently; however the county and cities have limited funding available for the purchase of these items.	Wildfire	Emergency Manager, City Clerk	Low	1,2	\$40,000 per unit	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-40	Individual Safe Room Program. The county would like to offer an individual safe room program with FEMA funding. The county would manage the grant program and reimburse individuals that have a safe room built. The safe room program would be on a 75% to 25% match. FEMA would cover 75% and the homeowner would cover the other 25%.	Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-41	Hand Sanitizer Zones. Purchase equipment and place at locations around the cities and the schools to have hand sanitizer available for use. These areas will have signs to notify people that sanitizer is available for use to reduce the spread of germs.	Major Disease Outbreak	Emergency Manager, City Clerk	Low	1,2	\$50 per dispenser	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-42	Promote Hurricane Straps to Contractors and Homeowners. Promote hurricane straps to local contractors and homeowners to reduce the risk of high wind and tornado damages to rooftops. Possibly conduct a program with local hardware stores to sell hurricane straps at a reduced price to homeowners and contractors to help with costs on new and existing homes.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Low	1,2,3	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Isabel-43	Storm Shelter/Safe Room Database. Develop a countywide storm shelter and safe room database with latitude and longitude of each individual safe room in the communities. This will help locate safe rooms and citizens after a disaster.	All Hazards	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-44	Blanket, Heater, and Coat Program. Have a community-wide Blanket, Heater and Coat Program to donate items to the poor and the elderly for wintertime. Establish donation banks located throughout the cities, community churches and at the schools.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	Donations	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-45	Bury Electrical Lines Program. Change ordinances to bury electrical lines from the transformer to the house on any new construction. This will reduce the amount of downed power lines during a hazard event. Also, bury electrical cables on existing houses through grant programs that may become available.	All Hazards	Emergency Manager, RECs Directors	Low	1,2	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Isabel-46	Become a Firewise Community. Become Firewise Communities by having each community have a Firewise Plan. Work with the State Forestry Service to meet the criteria in becoming a Firewise community.	Drought, Wildfire	Emergency Manager, City Clerk	High	1,2	\$10,000 plus	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-47	Waterline Insulation Program. Have a Waterline Insulation Program where the poor or elderly could have their waterlines insulated to reduce the risk of pipe breaks during the winter months. Work with hardware stores, churches and large businesses to donate pipe insulation wrap. The program would also request volunteer labor from high school students, churches, local businesses and city staff to install the insulation for local residents in need.	Winter Storm	Emergency Manager, City Clerk	Low	2	Volunteer Labor	Staff Time and Volunteer Labor	3 - 5 years	On-going, no reportable progress made
Isabel-48	Storm Spotter Programs. Work with the National Weather Service to hold storm spotter training seminars in the communities or nearby areas to train interested individuals. If possible, offer this training as an elective in high schools for seniors or to any local citizen. This would place more storm spotters in the community to keep a lookout for severe weather headed for the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	3,4	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-49	Voluntary Snow Shoveling Programs. Request volunteers from local churches, boy scouts, girl scouts, city staff, and high school students that would shovel snow for the physically handicapped and the elderly in the communities. This would help these citizens from having to get out in the cold weather and reduce the chances for them to slip and fall on the ice or snow.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Isabel-50	Snow Fences. Construct snow fences along the highways to reduce the risk of blowing snow build up on the roads. This would reduce the risk of traffic problems for emergency service vehicles and for community and highway travel.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$500,000 Countywide	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-51	Promote Drought Insurance to Farmers. Conduct presentations and provide handouts to local farmers to explain the benefits to having drought insurance. Have local insurance companies conduct the presentations and provide the handouts for the program.	Drought	Emergency Manager, City Clerk	Low	3	Volunteers and Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Isabel-52	Volunteer Irrigation Program. Create a list of farmers willing to assist other farmers in developing irrigation lanes in their crop fields. Some local farmers do not use irrigation lanes on their farmland. Irrigation lanes will help hold water in the fields and keep moisture in the crops to reduce wildfires. Also, have agricultural professors provide information on irrigation techniques that may help the farmers in the communities.	Drought, Wildfire	Emergency Manager, City Clerk	Low	1,2,3	Volunteers and Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-53	Evergreen Removal Program. Have the rural and city fire departments work with local farmers and land owners to remove wild evergreen trees from their fields. Evergreens are high fire fuels and this program would reduce the risk of wildfires spreading. Evergreens also consume a lot of water and removing these trees would leave water available for other plant life.	Wildfire	Emergency Manager, City Clerk	Low	1,2	\$20,000 a year	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Isabel-54	Suggested Vegetation Program. Have the rural and local fire departments work with the State Forestry Service, Kansas State University Extension Office, local farmers, land owners, and home owners to suggest low fuel vegetation seeding to decrease the risk of wildfires in the areas surrounding the outskirts of the communities.	Wildfire, Drought	Emergency Manager, City Clerk	Low	1,2	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Isabel-55	Perimeter Wildfire Zone Ordinance. Have local landowners, where farmland meets the urban interface, to have a plowed or rocked zone from the grassland to the area meeting the local community whether it is a fence line or roadway. A suggested 20-30 feet plowed area would be recommended to slow or stop wildfires from entering the community.	Wildfire	Emergency Manager, City Clerk	High	1,2	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Isabel-56	Control Burns. Have the rural and local fire departments, State Forestry Service, and area farmers conduct controlled burns on highly vegetative fields to reduce the threat of wildfires.	Drought, Wildfire	Emergency Manager, City Clerk	High	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-57	Hazardous Materials Dump Depot. Construct a hazardous materials dump depot for area residents to rid their households of hazardous waste. Currently there is not a local site where these items can be eliminated and controlled by the cities. This will reduce the amount of toxic household hazardous waste being released into the area waterways following a major event (i.e. a flood releasing hazardous waste into the community waterways).	Dam and Levee Failure, Earthquake, Flood, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Isabel-58	Storm Shelter Beacon Program. Purchase storm shelter beacons through grant programs and donations to provide a distress signal when people are trapped in area shelters after a disaster. This would be similar to the devices put on emergency rafts from ships that notify the United States Coast Guard when activated and provides a GPS coordinate to the rescuers.	Dam and Levee Failure, Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$100.00 per unit	HMGP, PDM Grant, Local Budget, Grants	5 years	On-going, no reportable progress made
Isabel-59	Reverse 911 System. Purchase a reverse 911 system for the community. This will allow the Emergency Management Director to send out messages regarding in hazard event that may pose a threat to the community.	All Hazards	Emergency Manager, City Clerk	High	1,2,3,4	\$50,000 per system	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Isabel-60	Enter CRS Program. Enter CRS program to help reduce flood damages through mitigation efforts established in the CRS program.	Flood	Emergency Manager, City Clerk	High	1,2	NA	NA	3 years	On-going, no reportable progress made
Isabel-61	Upgrade And Revise Subdivision Ordinance. The current ordinance is limited in its area of applicability. A new, revised ordinance will include additional Higher Regulatory Standards to prevent flooding damages.	Flood	Emergency Manager, City Clerk	low	1,2	NA	NA	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-62	Aerial Photography And Mapping. Update existing photos to help with emergency response and rescue missions in the event of a disaster.	Flood, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$175,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Isabel-63	2 Additional Weather Stations. Establish 2 additional weather stations in the Isabel area.	Drought, Extreme Heat, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$70,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Isabel-64	Elevation Survey of Critical Facilities. Determine the suitability for occupancy of critical facilities during flood events by way of building surveys.	Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	low	2	\$600 per survey	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Isabel-65	Battery Backup for Traffic Signals on Arterial Streets. This is to provide battery back-up for traffic signals controlling traffic flow along arterial streets in the event of power failure to traffic signals.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$190,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Isabel-66	Conversion of Traffic Signal to communication with Traffic Engineering by Wi-Fi Internet Service. Existing traffic signal control and communication systems communicate by low reliability overhead communications cables which will be replaced so that communication will be performed by more reliable wireless communications.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	4	\$190,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-67	Tubgrinder for Solid Waste. A Tubgrinder for the Solid Waste Division to expedite disposal of debris generated by disasters.	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$300,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Isabel-68	Roll-off Trash Container with Crane Attachment for Solid Waste Division. A Roll-off Trash Container with Crane Attachment for the Solid Waste Division to expedite clearing of obstructions and transport of debris for proper landfilling.	Flood, Hail, Windstorm, Lightning, Winter Storm, Wildfire	Emergency Manager, City Clerk	Low	1,2	\$300,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Isabel-69	Skid-Steer Loader with Loading Claw Attachment. Skid-Steer Loader with Loading Claws to clear debris generated by disaster and supplement loading operations of solid waste transport containers..	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$100,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Isabel-70	911 System Integration. Combine the 911 system with any GIS data gathered to help emergency responders reduce response time.	Drought, Earthquake, Extreme Heat, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	4	\$250,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-71	Outage Reporting System. Combine the Electric SCADA with GIS data which would help reduce response time during outages.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	4	\$150,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Isabel-72	Evaluation and Design of Land-Based Rocket Launched Cloud Seeding System to Reduce Size of Hailstones. Evaluate and if a reasonable probability of success is determined then design a ground based rocket launched and aiming system to perform cloud seeding to reduce the size of hailstones.	Hail	Emergency Manager, City Clerk	Low	1,2	\$100,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Isabel-73	Engineering inspection and testing of grounding system, and lightning protection of public owned communication and water towers to improve lightning . Evaluate and testing the grounding system, lightning protection and lightning induced electrical surges for publically owned communication towers and SCADA controlled water towers protection	Lightning	Emergency Manager, City Clerk	Low	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Isabel-74	Construction to correct defects in communication and water tower grounding systems and installation of lightning arrestors and electrical surge protection for lightning induced electrical surges . Action #82 includes an engineering evaluation of publicly owned communication towers and water towers with SCADA systems. This is to perform the construction and installation of devices to mitigate the lightning hazard.	Lightning	Emergency Manager, City Clerk	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-75	Storage facilities for street/road salt storage . This is to provide a corrosion resistant road salt storage facility to store road salt until needed for winter storms.	Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Isabel-76	Construct emergency storage facilities and facilities to stabilize reactive spills collected by county Emergency Responders during disaster and emergency events. This is to provide emergency response holding and stabilization facilities to hold and test hazardous substances released by spills during emergencies that cannot be immediately transported and disposed of. These facilities will consist of a raw spill corrosive resistant holding tank for emergency responders to temporarily store wastes until testing is performed to determine the proper and legal method of disposal. An oil-water separator to separate and store the oil float, a basin to allow for pH adjustment of reactive materials, and a 2nd holding tank for retaining separated or pH adjusted materials until further testing and ultimate disposal can be performed.	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire	Emergency Manager, City Clerk	Low	1,2	\$400,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Isabel-77	Sun shading panels to protect equipment sensitive to extreme heat. The dates and times of extreme heat events have been and are expected to remain very predictable. Consequently, positions of screening critical equipment from direct sunlight can be performed in order to mitigate the possible equipment failures due to extreme heat. By having critical equipment in the shade during extreme heat events instead of also heated by direct sunlight could be equivalent to 5-15 degree lower ambient temperature.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	\$125,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Isabel-78	Upgrade Fire Department radio system to become Project 25 compliant. Replace existing obsolete radio communications infrastructure with industry standard Project 25 compliant radio equipment. System will consist of 35 mobile radios; 35 portable radios; 8 base radio units; 2 trunked repeater systems; and associated antennas and interconnecting equipment.	Multi-Hazard	Emergency Manager, City Clerk	Medium	3,4	\$500,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Isabel-79	Federal Commander Digital System. Siren control units and antennas for each siren, FSK encoder, software and training. This system will continually monitor siren status and provide immediate notification of siren failure, making the outdoor warning system a more reliable method of public warning.	Multi-Hazard	Emergency Manager, City Clerk	Medium	1,2	\$84,813	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Isabel-80	E-911 Consoles. Update E-911 Center work consoles to provide enhanced response environment.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$105,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Isabel-81	: E-911 Lighting. Update lighting in E-911 Center to indirect lighting to improve emergency response. Poor lighting causes screen glare.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$2,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Isabel-82	E-911 Radios. Update obsolete radios in E-911 Center to enhance emergency communication capabilities.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$40,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-1	Public Education for drought, dam failure, earthquake, extreme heat, pandemic, thunderstorms, tornadoes, wildfires, winter storms. Inform the public with hazard information on drought, dam failure, earthquakes, extreme heat, pandemic, thunderstorms, tornadoes, wildfire, and winter storms in hazard awareness literature and presentations. This information will explain what to do, where to go in the event of a hazard and tell how to minimize their risks. Each person can help in the efforts to reduce the risks of all hazards if they know what to expect. The literature will be distributed throughout the cities, communities and school facilities and presentations will be given to school staff and students in class.	Dam Failure, Drought, Earthquake, Extreme Heat, Flood, Pandemic, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, Rural Electric Coop Directors, City Clerk	High	3	\$1,000 annual	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Kiowa-2	Assist local farmers in building detention ponds to help retain water for times of drought. The ponds could be used for irrigation, stock and to help fight wildfires by submerging suction pumps to battle fires	Dam Failure, Drought, Extreme Heat, Flood, Wildfire, Winter Storm	Emergency Manager, City Clerk	High	1	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-3	Multi-Purpose Public Address and Warning System. Inform the public with combination warning sirens/public address system when a thunderstorm threatens the community. Currently all communities are in need of multi-purpose warning systems. The public address system would allow the communities to announce any hazard event that is threatening the community.	All Hazards	Emergency Manager, City Clerk	High	1,2,3	\$40,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-4	NOAA Weather Radio Program. Provide a NOAA Weather Radio to students and residents in the county to warn them of weather events (including lightning and hail events). The program would allow residents to purchase the radios at a reduced price.	All Hazards	Emergency Manager, City Clerk	High	1,2,3	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Kiowa-5	Community Storm Shelters and Hazard Supply Staging Areas. Build community storm shelters and hazard supply staging areas around the county and school districts to be prepared for all hazard events. The staging areas will contain equipment and supplies for all hazards. For example, medical supplies, sand, sand bags, pumps, bottled water, blankets, heaters, refrigeration units, generators, etc...	All Hazards	Emergency Manager, City Clerk	High	1,2	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Kiowa-6	Emergency Operations Center/911 Call Center/Community Shelter. Build an Emergency Operations Center/911 Call Center/Community Storm Shelter. Currently, the communities EOC's are not shelters and are vulnerable to hazards.	All Hazards	Emergency Manager, City Clerk	High	1,2,4	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 5 years	On-going, no reportable progress made
Kiowa-7	Watershed, Lake, and River Warning Devices. Install electronic water level warning devices at key areas upstream and danger levels to notify the emergency management departments of possible impending flood from the watersheds, lakes, and rivers.	Dam and Levee Failure, Drought, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$500 per device	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-8	Drainage and Storm Water Management Program. Have a program to reduce or eliminate the floodplain from the areas around watersheds, lakes, and rivers that is shown on the FIRM Maps. This program would concrete the drainage area and direct the water flow downstream to detention ponds. This could reduce or eliminate flooding to some residents that are in or near the floodplains by watersheds, lakes, and rivers.	Dam and Levee Failure, Drought, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$3,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-9	Continue participation in the NFIP. Encourage participation in the NFIP for the communities that are not already participants. Continued participation in the NFIP for the communities that are currently participating will insure that individuals are not building in the flood hazard areas within the county. Also, encourage and assist those communities that are not currently participating in the NFIP to obtain membership in the program.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	Staff Time	Local Budget	Continuous	On-going, no reportable progress made, Continuous
Kiowa-10	Debris Removal Program. Have a community wide drainage and stormwater cleanup days to remove all trash and debris from local drainage ways. This would involve the local churches, businesses, high schools, boy scouts, girl scouts and City Staff throughout the county	All Hazards	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Kiowa-11	Floodplain Property Acquisition Program. Purchase properties that are located in the 100 and 500 year floodplain throughout the county.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning	Emergency Manager, City Clerk	Medium	1,2	\$60,000 per property	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-12	Dredge the watersheds, lakes, and rivers. Dredge the lakes, watersheds and river channels located near communities within the county to allow a larger capacity of water and water flow during heavy snows and thunderstorms.	Dam and Levee Failure, Drought, Extreme Heat, Flood, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$1,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-13	Construct Flood Walls/levies. Construct flood walls/levies in communities where flooding is prevalent to reduce the flooding within the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$1,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3-5 years	On-going, no reportable progress made
Kiowa-14	Upgrade and Enhance Power lines. Replacement of CWC single-phase line of enhanced design. The miles of line selected will meet several points of prioritization and evaluation and represent a small percentage of total CWC miles in the rural electric distribution system. Replacing the lines would significantly mitigate losses due to damages and greatly enhance reliability in the surrounding areas. The aged CWC construction has sustained much damage over the years and was not built to current and acceptable standards. Nearly all of REC's membership in the county would directly, if not indirectly, benefit from improved safety and improved reliability of such replacements. Estimated cost to replace: \$ 860,000.00	All Hazards	Rural Electric Coop Director	Medium	1,2	\$1,160,000	HMGP Grant, PDM Grant, Local Budget, Grants, Heartland REC	4 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-15	Tree Trimming and Branch Removal Program. Have a communitywide tree-trimming program to cut down branches and trees away from power lines and drainage areas. This will reduce the chances of downed power lines during severe storms and reduce debris during flood events. The cost and time will be served by community volunteers, county staff, city staff and local electrical companies.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Kiowa-16	Backup Generator for Critical Facilities. Purchase backup generators for City Halls, Emergency Operations Centers, Police Departments, Fire Departments, Community Centers, and school districts as well as two portable units for locations as needed throughout the county. These generators will be useful for severe weather events when the communities lose power. It is vital that critical facilities keep power or have backup capabilities during weather events.	All Hazards	Emergency Manager, City Clerk	Medium	1,2	\$10,000 to \$15,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Kiowa-17	Individual Backup Generator Program. Provide a reimbursement program for local residents to purchase generators needed at their homes or businesses. Currently FEMA does not offer this program; however, if this program should be incorporated as a FEMA eligible project or other grant funds, this would be a good program for the local citizens.	All Hazards	Emergency Manager, City Clerk	Low	1,2	NA	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-18	Hazard Event Database. Have all emergency services departments report all hazard related incidents to the county emergency management department to keep an updated Hazard Event Database for proper tracking and reporting procedures. This would help to improve accuracy of data and help to eliminate limitations in data for all hazards. Currently, each department keeps track of their own information and does not have a primary reporting database to correlate all hazard events.	All Hazards	Emergency Manager, REC's Director	Low	1,2	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Kiowa-19	Mitigation Tabletop Exercises. A "What If" mitigation activity during HMPC meetings. For example, during the meeting have "What If" exercises to see what kind of mitigation items are in place and what if a hazard event took place, what would the outcome be and what other mitigation items would be needed to reduce the effects of the hazards.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Kiowa-20	Emergency Exercise Training. Have community-wide emergency exercises to put efforts at work prior to the real event. This will help determine "hands on" what mitigation items are needed and what could make the event go smoother in response to the hazard.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Kiowa-21	County, City, School, and Business Systems Backup. In the computer age, we now have the technology to back up all data in our computer systems. Computer system backups are available; however, the county, cities, schools and businesses need to back up their systems online or at a secondary server location to be able to retrieve their data if their buildings and computer systems were destroyed.	All Hazards	Emergency Manager, City Clerk	Medium	1,2,4	\$5,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-22	Animal Keep Zones. Determine setup, or build animal keep zones for displaced animals after a disaster. The county is a large farming community and it has several area farmers with numerous livestock. In a disaster event, animals may need to be temporarily relocated until fences and barns can be mended as well as household pets that may be displaced.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going
Kiowa-23	Emergency Responder Volunteer Program. Develop database and setup voluntary emergency responders in the event of a disaster to respond and assist in search and rescue, evacuations, debris removal, and other emergency services that could be too large for a community to handle at the onset of the event.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Kiowa-24	Emergency Management Mobile Unit. Purchase an EM Mobile Unit to serve as a command post during a hazard event. This unit will allow the county and city emergency managers to have an onsite location for the disaster area and be available for first response capability.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$50,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-25	Residential Assessment Team. Develop a residential assessment team to evaluate residential homes for disaster prevention. They would evaluate and suggest conditions and items that could reduce the effects of hazard events. For example, suggest hurricane straps on a house to reduce the risk of losing their roof in high winds or a tornado. The team will be a group of volunteers, county, and city staff that will go to locations with a checklist and inform the residents of things they could do to reduce their risks.	All Hazards	Emergency Manager, City Clerk	Low	1,2,3,4	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-26	Secondary Water Sources. Run a water line to a secondary water source for each of the water districts for times of drought to provide water to the public and for fire protection in the communities.	All Hazards	Emergency Manager, City Clerk	Low	1,2	\$500,000 per line	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-27	Remote Weather Cameras. Purchase remote weather cameras to view incoming weather events around the county. The weather cameras can also serve useful for wildfire that could threaten the outskirts of the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$15,000 per system	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-28	Amend Building Codes for Earthquake, High Winds, and Tornados. Amend county and city building codes to strengthen structures on new and existing buildings to reduce the effects of earthquake, high wind, and tornados.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	low	1,2	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Kiowa-29	Above Ground Gas Pumps With Backup Generators for County and City Vehicles. Above ground gas pumps for county and city vehicles in times of disasters with a backup generator. The gas pumps are for county and city use only. It was found to be a necessity during the January 2007 ice storm for several jurisdictions that ran out of gas because fuel trucks could not travel to the locations; however, there was still a demand for fuel. This could be developed at areas with controlled access.	Dam and Levee Failure, Earthquake, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$15,000 per setup	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-30	Cool/Warming Zones for Extreme Heat and Winter Storms. Set up cool/heat zones at the county, cities, and school districts where children and families can remove themselves from the cold or heat.	Extreme Heat, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$2,000 per setup	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-31	Outdoor Drinking Sources for Extreme Heat. Set up outdoor drinking sources at the parks, schools and in the communities where children and adults can re-hydrate themselves.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	\$500 per fountain	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-32	Fan and Air Conditioner Program for the Poor and the Elderly. Provide Fans and Air Conditioners for the poor and the elderly throughout the community. Hold fund-raiser programs at the cities, schools, and local churches to obtain the necessary equipment.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	Staff Time	Donations	3 - 5 years	On-going, no reportable progress made
Kiowa-33	Hazardous Material Waste Removal Day. During severe events, structures that may house hazardous materials can be damaged and release these substances into the environment. This item is to set a day for the removal of these substances after severe events.	Dam and Levee Failure, Earthquake, Flood, Tornado, Wildfire	Emergency Manager, City Clerk	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-34	Covered Walkways for Thunderstorms. Provide covered sidewalks at city streets and school walkways to reduce the risk of severe thunderstorms and winter storms to the public, and shield students and citizens from hail.	Extreme Heat, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$30,000 plus	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-35	Surge Protector Program. Provide a surge protector program to reduce the risk of electrical surges from hazard events, such as, severe thunderstorms with lightning, extreme heat, winter storms and other hazards that may cause loss of power or power surges that can damage computers, televisions, and other electronic equipment that are vulnerable. The program would allow residents to purchase surge protectors at a reduced price.	All Hazards	Emergency Manager, City Clerk	Low	1,2	None	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-36	Equipment and Furniture Strap Program. Strap and bolt down large equipment and furniture at the cities and school facilities to reduce the risk of debris during severe hazard events.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado,	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-37	Protective Window Film. Purchase protective window film for all county, city and school building windows to reduce the risk of airborne debris injuries during extreme hazard events.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-38	Lightning Detection Systems. Purchase lightning detection systems to provide warnings at city parks, camp grounds, and school recreation areas. The lightning detection system can detect lightning up to 10 miles away and could be beneficial in notifying children and adults in recreational areas of the possible danger.	Hail, Windstorm, Lightning	Emergency Manager, City Clerk	Low	1,2	\$5,000 per unit	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-39	Pumper Trucks and Fire Equipment. At least one new pumper truck with equipment are needed at each fire station to battle wildfires efficiently; however the county and cities have limited funding available for the purchase of these items.	Wildfire	Emergency Manager, City Clerk	Low	1,2	\$40,000 per unit	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

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Kiowa-40	Individual Safe Room Program. The county would like to offer an individual safe room program with FEMA funding. The county would manage the grant program and reimburse individuals that have a safe room built. The safe room program would be on a 75% to 25% match. FEMA would cover 75% and the homeowner would cover the other 25%.	Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-41	Hand Sanitizer Zones. Purchase equipment and place at locations around the cities and the schools to have hand sanitizer available for use. These areas will have signs to notify people that sanitizer is available for use to reduce the spread of germs.	Major Disease Outbreak	Emergency Manager, City Clerk	Low	1,2	\$50 per dispenser	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-42	Promote Hurricane Straps to Contractors and Homeowners. Promote hurricane straps to local contractors and homeowners to reduce the risk of high wind and tornado damages to rooftops. Possibly conduct a program with local hardware stores to sell hurricane straps at a reduced price to homeowners and contractors to help with costs on new and existing homes.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Low	1,2,3	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Kiowa-43	Storm Shelter/Safe Room Database. Develop a countywide storm shelter and safe room database with latitude and longitude of each individual safe room in the communities. This will help locate safe rooms and citizens after a disaster.	All Hazards	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-44	Blanket, Heater, and Coat Program. Have a community-wide Blanket, Heater and Coat Program to donate items to the poor and the elderly for wintertime. Establish donation banks located throughout the cities, community churches and at the schools.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	Donations	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

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Kiowa-45	Bury Electrical Lines Program. Change ordinances to bury electrical lines from the transformer to the house on any new construction. This will reduce the amount of downed power lines during a hazard event. Also, bury electrical cables on existing houses through grant programs that may become available.	All Hazards	Emergency Manager, RECs Director, City Clerk	Low	1,2	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Kiowa-46	Become a Firewise Community. Become Firewise Communities by having each community have a Firewise Plan. Work with the State Forestry Service to meet the criteria in becoming a Firewise community.	Drought, Wildfire	Emergency Manager, City Clerk	High	1,2	\$10,000 plus	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-47	Waterline Insulation Program. Have a Waterline Insulation Program where the poor or elderly could have their waterlines insulated to reduce the risk of pipe breaks during the winter months. Work with hardware stores, churches and large businesses to donate pipe insulation wrap. The program would also request volunteer labor from high school students, churches, local businesses and city staff to install the insulation for local residents in need.	Winter Storm	Emergency Manager, City Clerk	Low	2	Volunteer Labor	Staff Time and Volunteer Labor	3 - 5 years	On-going, no reportable progress made
Kiowa-48	Storm Spotter Programs. Work with the National Weather Service to hold storm spotter training seminars in the communities or nearby areas to train interested individuals. If possible, offer this training as an elective in high schools for seniors or to any local citizen. This would place more storm spotters in the community to keep a lookout for severe weather headed for the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	3,4	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-49	Voluntary Snow Shoveling Programs. Request volunteers from local churches, boy scouts, girl scouts, city staff, and high school students that would shovel snow for the physically handicapped and the elderly in the communities. This would help these citizens from having to get out in the cold weather and reduce the chances for them to slip and fall on the ice or snow.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Kiowa-50	Snow Fences. Construct snow fences along the highways to reduce the risk of blowing snow build up on the roads. This would reduce the risk of traffic problems for emergency service vehicles and for community and highway travel.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$500,000 Countywide	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-51	Promote Drought Insurance to Farmers. Conduct presentations and provide handouts to local farmers to explain the benefits to having drought insurance. Have local insurance companies conduct the presentations and provide the handouts for the program.	Drought	Emergency Manager, City Clerk	Low	3	Volunteers and Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Kiowa-52	Volunteer Irrigation Program. Create a list of farmers willing to assist other farmers in developing irrigation lanes in their crop fields. Some local farmers do not use irrigation lanes on their farmland. Irrigation lanes will help hold water in the fields and keep moisture in the crops to reduce wildfires. Also, have agricultural professors provide information on irrigation techniques that may help the farmers in the communities.	Drought, Wildfire	Emergency Manager, City Clerk	Low	1,2,3	Volunteers and Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-53	Evergreen Removal Program. Have the rural and city fire departments work with local farmers and land owners to remove wild evergreen trees from their fields. Evergreens are high fire fuels and this program would reduce the risk of wildfires spreading. Evergreens also consume a lot of water and removing these trees would leave water available for other plant life.	Wildfire	Emergency Manager, City Clerk	Low	1,2	\$20,000 a year	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Kiowa-54	Suggested Vegetation Program. Have the rural and local fire departments work with the State Forestry Service, Kansas State University Extension Office, local farmers, land owners, and home owners to suggest low fuel vegetation seeding to decrease the risk of wildfires in the areas surrounding the outskirts of the communities.	Wildfire, Drought	Emergency Manager, City Clerk	Low	1,2	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Kiowa-55	Perimeter Wildfire Zone Ordinance. Have local landowners, where farmland meets the urban interface, to have a plowed or rocked zone from the grassland to the area meeting the local community whether it is a fence line or roadway. A suggested 20-30 feet plowed area would be recommended to slow or stop wildfires from entering the community.	Wildfire	Emergency Manager, City Clerk	High	1,2	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Kiowa-56	Control Burns. Have the rural and local fire departments, State Forestry Service, and area farmers conduct controlled burns on highly vegetative fields to reduce the threat of wildfires.	Drought, Wildfire	Emergency Manager, City Clerk	High	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-57	Hazardous Materials Dump Depot. Construct a hazardous materials dump depot for area residents to rid their households of hazardous waste. Currently there is not a local site where these items can be eliminated and controlled by the cities. This will reduce the amount of toxic household hazardous waste being released into the area waterways following a major event (i.e. a flood releasing hazardous waste into the community waterways).	Dam and Levee Failure, Earthquake, Flood, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Kiowa-58	Storm Shelter Beacon Program. Purchase storm shelter beacons through grant programs and donations to provide a distress signal when people are trapped in area shelters after a disaster. This would be similar to the devices put on emergency rafts from ships that notify the United States Coast Guard when activated and provides a GPS coordinate to the rescuers.	Dam and Levee Failure, Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$100.00 per unit	HMGP, PDM Grant, Local Budget, Grants	5 years	On-going, no reportable progress made
Kiowa-59	Reverse 911 System. Purchase a reverse 911 system for the community. This will allow the Emergency Management Director to send out messages regarding in hazard event that may pose a threat to the community.	All Hazards	Emergency Manager, City Clerk	High	1,2,3,4	\$50,000 per system	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Kiowa-60	Enter CRS Program. Enter CRS program to help reduce flood damages through mitigation efforts established in the CRS program.	Flood	Emergency Manager, City Clerk	High	1,2	NA	NA	3 years	On-going, no reportable progress made
Kiowa-61	Upgrade And Revise Subdivision Ordinance. The current ordinance is limited in its area of applicability. A new, revised ordinance will include additional Higher Regulatory Standards to prevent flooding damages.	Flood	Emergency Manager, City Clerk	low	1,2	NA	NA	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-62	Aerial Photography And Mapping. Update existing photos to help with emergency response and rescue missions in the event of a disaster.	Flood, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$175,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Kiowa-63	2 Additional Weather Stations. Establish 2 additional weather stations in the Kiowa area.	Drought, Extreme Heat, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$70,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Kiowa-64	Elevation Survey of Critical Facilities. Determine the suitability for occupancy of critical facilities during flood events by way of building surveys.	Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	low	2	\$600 per survey	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Kiowa-65	Battery Backup for Traffic Signals on Arterial Streets. This is to provide battery back-up for traffic signals controlling traffic flow along arterial streets in the event of power failure to traffic signals.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$190,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Kiowa-66	Conversion of Traffic Signal to communication with Traffic Engineering by Wi-Fi Internet Service. Existing traffic signal control and communication systems communicate by low reliability overhead communications cables which will be replaced so that communication will be performed by more reliable wireless communications.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	4	\$190,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-67	Tubgrinder for Solid Waste. A Tubgrinder for the Solid Waste Division to expedite disposal of debris generated by disasters.	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$300,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Kiowa-68	Roll-off Trash Container with Crane Attachment for Solid Waste Division. A Roll-off Trash Container with Crane Attachment for the Solid Waste Division to expedite clearing of obstructions and transport of debris for proper landfilling.	Flood, Hail, Windstorm, Lightning, Winter Storm, Wildfire	Emergency Manager, City Clerk	Low	1,2	\$300,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Kiowa-69	Skid-Steer Loader with Loading Claw Attachment. Skid-Steer Loader with Loading Claws to clear debris generated by disaster and supplement loading operations of solid waste transport containers..	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$100,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Kiowa-70	911 System Integration. Combine the 911 system with any GIS data gathered to help emergency responders reduce response time.	Drought, Earthquake, Extreme Heat, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	4	\$250,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-71	Outage Reporting System. Combine the Electric SCADA with GIS data which would help reduce response time during outages.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	4	\$150,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Kiowa-72	Evaluation and Design of Land-Based Rocket Launched Cloud Seeding System to Reduce Size of Hailstones. Evaluate and if a reasonable probability of success is determined then design a ground based rocket launched and aiming system to perform cloud seeding to reduce the size of hailstones.	Hail	Emergency Manager, City Clerk	Low	1,2	\$100,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Kiowa-73	Engineering inspection and testing of grounding system, and lightning protection of public owned communication and water towers to improve lightning . Evaluate and testing the grounding system, lightning protection and lightning induced electrical surges for publically owned communication towers and SCADA controlled water towers protection	Lightning	Emergency Manager, City Clerk	Low	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Kiowa-74	Construction to correct defects in communication and water tower grounding systems and installation of lightning arrestors and electrical surge protection for lightning induced electrical surges . Action #82 includes an engineering evaluation of publicly owned communication towers and water towers with SCADA systems. This is to perform the construction and installation of devices to mitigate the lightning hazard.	Lightning	Emergency Manager, City Clerk	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-75	Storage facilities for street/road salt storage . This is to provide a corrosion resistant road salt storage facility to store road salt until needed for winter storms.	Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Kiowa-76	Construct emergency storage facilities and facilities to stabilize reactive spills collected by county Emergency Responders during disaster and emergency events. This is to provide emergency response holding and stabilization facilities to hold and test hazardous substances released by spills during emergencies that cannot be immediately transported and disposed of. These facilities will consist of a raw spill corrosive resistant holding tank for emergency responders to temporarily store wastes until testing is performed to determine the proper and legal method of disposal. An oil-water separator to separate and store the oil float, a basin to allow for pH adjustment of reactive materials, and a 2nd holding tank for retaining separated or pH adjusted materials until further testing and ultimate disposal can be performed.	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire	Emergency Manager, City Clerk	Low	1,2	\$400,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Kiowa-77	Sun shading panels to protect equipment sensitive to extreme heat. The dates and times of extreme heat events have been and are expected to remain very predictable. Consequently, positions of screening critical equipment from direct sunlight can be performed in order to mitigate the possible equipment failures due to extreme heat. By having critical equipment in the shade during extreme heat events instead of also heated by direct sunlight could be equivalent to 5-15 degree lower ambient temperature.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	\$125,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa-78	Upgrade Fire Department radio system to become Project 25 compliant. Replace existing obsolete radio communications infrastructure with industry standard Project 25 compliant radio equipment. System will consist of 35 mobile radios; 35 portable radios; 8 base radio units; 2 trunked repeater systems; and associated antennas and interconnecting equipment.	Multi-Hazard	Emergency Manager, City Clerk	Medium	3,4	\$500,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Kiowa-79	Federal Commander Digital System. Siren control units and antennas for each siren, FSK encoder, software and training. This system will continually monitor siren status and provide immediate notification of siren failure, making the outdoor warning system a more reliable method of public warning.	Multi-Hazard	Emergency Manager, City Clerk	Medium	1,2	\$84,813	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Kiowa-80	E-911 Consoles. Update E-911 Center work consoles to provide enhanced response environment.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$105,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Kiowa-81	: E-911 Lighting. Update lighting in E-911 Center to indirect lighting to improve emergency response. Poor lighting causes screen glare.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$2,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Kiowa-82	E-911 Radios. Update obsolete radios in E-911 Center to enhance emergency communication capabilities.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$40,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-1	Public Education for drought, dam failure, earthquake, extreme heat, pandemic, thunderstorms, tornadoes, wildfires, winter storms. Inform the public with hazard information on drought, dam failure, earthquakes, extreme heat, pandemic, thunderstorms, tornadoes, wildfire, and winter storms in hazard awareness literature and presentations. This information will explain what to do, where to go in the event of a hazard and tell how to minimize their risks. Each person can help in the efforts to reduce the risks of all hazards if they know what to expect. The literature will be distributed throughout the cities, communities and school facilities and presentations will be given to school staff and students in class.	Dam Failure, Drought, Earthquake, Extreme Heat, Flood, Pandemic, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, Rural Electric Coop Director, City Clerk	High	3	\$1,000 annual	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-2	Assist local farmers in building detention ponds to help retain water for times of drought. The ponds could be used for irrigation, stock and to help fight wildfires by submerging suction pumps to battle fires	Dam Failure, Drought, Extreme Heat, Flood, Wildfire, Winter Storm	Emergency Manager, City Clerk	High	1	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-3	Multi-Purpose Public Address and Warning System. Inform the public with combination warning sirens/public address system when a thunderstorm threatens the community. Currently all communities are in need of multi-purpose warning systems. The public address system would allow the communities to announce any hazard event that is threatening the community.	All Hazards	Emergency Manager, City Clerk	High	1,2,3	\$40,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-4	NOAA Weather Radio Program. Provide a NOAA Weather Radio to students and residents in the county to warn them of weather events (including lightning and hail events). The program would allow residents to purchase the radios at a reduced price.	All Hazards	Emergency Manager, City Clerk	High	1,2,3	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-5	Community Storm Shelters and Hazard Supply Staging Areas. Build community storm shelters and hazard supply staging areas around the county and school districts to be prepared for all hazard events. The staging areas will contain equipment and supplies for all hazards. For example, medical supplies, sand, sand bags, pumps, bottled water, blankets, heaters, refrigeration units, generators, etc...	All Hazards	Emergency Manager, City Clerk	High	1,2	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-6	Emergency Operations Center/911 Call Center/Community Shelter. Build an Emergency Operations Center/911 Call Center/Community Storm Shelter. Currently, the communities EOC's are not shelters and are vulnerable to hazards.	All Hazards	Emergency Manager, City Clerk	High	1,2,4	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 5 years	On-going, no reportable progress made
Medicine Lodge-7	Watershed, Lake, and River Warning Devices. Install electronic water level warning devices at key areas upstream and danger levels to notify the emergency management departments of possible impending flood from the watersheds, lakes, and rivers.	Dam and Levee Failure, Drought, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$500 per device	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-8	Drainage and Storm Water Management Program. Have a program to reduce or eliminate the floodplain from the areas around watersheds, lakes, and rivers that is shown on the FIRM Maps. This program would concrete the drainage area and direct the water flow downstream to detention ponds. This could reduce or eliminate flooding to some residents that are in or near the floodplains by watersheds, lakes, and rivers.	Dam and Levee Failure, Drought, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$3,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-9	Continue participation in the NFIP. Encourage participation in the NFIP for the communities that are not already participants. Continued participation in the NFIP for the communities that are currently participating will insure that individuals are not building in the flood hazard areas within the county. Also, encourage and assist those communities that are not currently participating in the NFIP to obtain membership in the program.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	Staff Time	Local Budget	Continuous	On-going, no reportable progress made, Continuous
Medicine Lodge-10	Debris Removal Program. Have a community wide drainage and stormwater cleanup days to remove all trash and debris from local drainage ways. This would involve the local churches, businesses, high schools, boy scouts, girl scouts and City Staff throughout the county	All Hazards	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-11	Floodplain Property Acquisition Program. Purchase properties that are located in the 100 and 500 year floodplain throughout the county.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning	Emergency Manager, City Clerk	Medium	1,2	\$60,000 per property	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-12	Dredge the watersheds, lakes, and rivers. Dredge the lakes, watersheds and river channels located near communities within the county to allow a larger capacity of water and water flow during heavy snows and thunderstorms.	Dam and Levee Failure, Drought, Extreme Heat, Flood, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$1,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-13	Construct Flood Walls/levies. Construct flood walls/levies in communities where flooding is prevalent to reduce the flooding within the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$1,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3-5 years	On-going, no reportable progress made
Medicine Lodge-14	Upgrade and Enhance Power lines. Replacement of CWC single-phase line of enhanced design. The miles of line selected will meet several points of prioritization and evaluation and represent a small percentage of total CWC miles in the rural electric distribution system. Replacing the lines would significantly mitigate losses due to damages and greatly enhance reliability in the surrounding areas. The aged CWC construction has sustained much damage over the years and was not built to current and acceptable standards. Nearly all of REC's membership in the county would directly, if not indirectly, benefit from improved safety and improved reliability of such replacements. Estimated cost to replace: \$ 860,000.00	All Hazards	Rural Electric Coop Director	Medium	1,2	\$1,160,000	HMGP Grant, PDM Grant, Local Budget, Grants, Heartland REC	4 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-15	Tree Trimming and Branch Removal Program. Have a communitywide tree-trimming program to cut down branches and trees away from power lines and drainage areas. This will reduce the chances of downed power lines during severe storms and reduce debris during flood events. The cost and time will be served by community volunteers, county staff, city staff and local electrical companies.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-16	Backup Generator for Critical Facilities. Purchase backup generators for City Halls, Emergency Operations Centers, Police Departments, Fire Departments, Community Centers, and school districts as well as two portable units for locations as needed throughout the county. These generators will be useful for severe weather events when the communities lose power. It is vital that critical facilities keep power or have backup capabilities during weather events.	All Hazards	Emergency Manager, City Clerk	Medium	1,2	\$10,000 to \$15,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-17	Individual Backup Generator Program. Provide a reimbursement program for local residents to purchase generators needed at their homes or businesses. Currently FEMA does not offer this program; however, if this program should be incorporated as a FEMA eligible project or other grant funds, this would be a good program for the local citizens.	All Hazards	Emergency Manager, City Clerk	Low	1,2	NA	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-18	Hazard Event Database. Have all emergency services departments report all hazard related incidents to the county emergency management department to keep an updated Hazard Event Database for proper tracking and reporting procedures. This would help to improve accuracy of data and help to eliminate limitations in data for all hazards. Currently, each department keeps track of their own information and does not have a primary reporting database to correlate all hazard events.	All Hazards	Emergency Manager, REC's Director, City Clerk	Low	1,2	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-19	Mitigation Tabletop Exercises. A "What If" mitigation activity during HMPC meetings. For example, during the meeting have "What If" exercises to see what kind of mitigation items are in place and what if a hazard event took place, what would the outcome be and what other mitigation items would be needed to reduce the effects of the hazards.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-20	Emergency Exercise Training. Have community-wide emergency exercises to put efforts at work prior to the real event. This will help determine "hands on" what mitigation items are needed and what could make the event go smoother in response to the hazard.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-21	County, City, School, and Business Systems Backup. In the computer age, we now have the technology to back up all data in our computer systems. Computer system backups are available; however, the county, cities, schools and businesses need to back up their systems online or at a secondary server location to be able to retrieve their data if their buildings and computer systems were destroyed.	All Hazards	Emergency Manager, City Clerk	Medium	1,2,4	\$5,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-22	Animal Keep Zones. Determine setup, or build animal keep zones for displaced animals after a disaster. The county is a large farming community and it has several area farmers with numerous livestock. In a disaster event, animals may need to be temporarily relocated until fences and barns can be mended as well as household pets that may be displaced.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going
Medicine Lodge-23	Emergency Responder Volunteer Program. Develop database and setup voluntary emergency responders in the event of a disaster to respond and assist in search and rescue, evacuations, debris removal, and other emergency services that could be too large for a community to handle at the onset of the event.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-24	Emergency Management Mobile Unit. Purchase an EM Mobile Unit to serve as a command post during a hazard event. This unit will allow the county and city emergency managers to have an onsite location for the disaster area and be available for first response capability.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$50,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-25	Residential Assessment Team. Develop a residential assessment team to evaluate residential homes for disaster prevention. They would evaluate and suggest conditions and items that could reduce the effects of hazard events. For example, suggest hurricane straps on a house to reduce the risk of losing their roof in high winds or a tornado. The team will be a group of volunteers, county, and city staff that will go to locations with a checklist and inform the residents of things they could do to reduce their risks.	All Hazards	Emergency Manager, City Clerk	Low	1,2,3,4	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-26	Secondary Water Sources. Run a water line to a secondary water source for each of the water districts for times of drought to provide water to the public and for fire protection in the communities.	All Hazards	Emergency Manager, City Clerk	Low	1,2	\$500,000 per line	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-27	Remote Weather Cameras. Purchase remote weather cameras to view incoming weather events around the county. The weather cameras can also serve useful for wildfire that could threaten the outskirts of the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$15,000 per system	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-28	Amend Building Codes for Earthquake, High Winds, and Tornados. Amend county and city building codes to strengthen structures on new and existing buildings to reduce the effects of earthquake, high wind, and tornados.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	low	1,2	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-29	Above Ground Gas Pumps With Backup Generators for County and City Vehicles. Above ground gas pumps for county and city vehicles in times of disasters with a backup generator. The gas pumps are for county and city use only. It was found to be a necessity during the January 2007 ice storm for several jurisdictions that ran out of gas because fuel trucks could not travel to the locations; however, there was still a demand for fuel. This could be developed at areas with controlled access.	Dam and Levee Failure, Earthquake, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$15,000 per setup	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-30	Cool/Warming Zones for Extreme Heat and Winter Storms. Set up cool/heat zones at the county, cities, and school districts where children and families can remove themselves from the cold or heat.	Extreme Heat, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$2,000 per setup	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-31	Outdoor Drinking Sources for Extreme Heat. Set up outdoor drinking sources at the parks, schools and in the communities where children and adults can re-hydrate themselves.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	\$500 per fountain	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-32	Fan and Air Conditioner Program for the Poor and the Elderly. Provide Fans and Air Conditioners for the poor and the elderly throughout the community. Hold fund-raiser programs at the cities, schools, and local churches to obtain the necessary equipment.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	Staff Time	Donations	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-33	Hazardous Material Waste Removal Day. During severe events, structures that may house hazardous materials can be damaged and release these substances into the environment. This item is to set a day for the removal of these substances after severe events.	Dam and Levee Failure, Earthquake, Flood, Tornado, Wildfire	Emergency Manager, City Clerk	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-34	Covered Walkways for Thunderstorms. Provide covered sidewalks at city streets and school walkways to reduce the risk of severe thunderstorms and winter storms to the public, and shield students and citizens from hail.	Extreme Heat, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$30,000 plus	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-35	Surge Protector Program. Provide a surge protector program to reduce the risk of electrical surges from hazard events, such as, severe thunderstorms with lightning, extreme heat, winter storms and other hazards that may cause loss of power or power surges that can damage computers, televisions, and other electronic equipment that are vulnerable. The program would allow residents to purchase surge protectors at a reduced price.	All Hazards	Emergency Manager, City Clerk	Low	1,2	None	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-36	Equipment and Furniture Strap Program. Strap and bolt down large equipment and furniture at the cities and school facilities to reduce the risk of debris during severe hazard events.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado,	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-37	Protective Window Film. Purchase protective window film for all county, city and school building windows to reduce the risk of airborne debris injuries during extreme hazard events.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-38	Lightning Detection Systems. Purchase lightning detection systems to provide warnings at city parks, camp grounds, and school recreation areas. The lightning detection system can detect lightning up to 10 miles away and could be beneficial in notifying children and adults in recreational areas of the possible danger.	Hail, Windstorm, Lightning	Emergency Manager, City Clerk	Low	1,2	\$5,000 per unit	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-39	Pumper Trucks and Fire Equipment. At least one new pumper truck with equipment are needed at each fire station to battle wildfires efficiently; however the county and cities have limited funding available for the purchase of these items.	Wildfire	Emergency Manager, City Clerk	Low	1,2	\$40,000 per unit	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-40	Individual Safe Room Program. The county would like to offer an individual safe room program with FEMA funding. The county would manage the grant program and reimburse individuals that have a safe room built. The safe room program would be on a 75% to 25% match. FEMA would cover 75% and the homeowner would cover the other 25%.	Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-41	Hand Sanitizer Zones. Purchase equipment and place at locations around the cities and the schools to have hand sanitizer available for use. These areas will have signs to notify people that sanitizer is available for use to reduce the spread of germs.	Major Disease Outbreak	Emergency Manager, City Clerk	Low	1,2	\$50 per dispenser	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-42	Promote Hurricane Straps to Contractors and Homeowners. Promote hurricane straps to local contractors and homeowners to reduce the risk of high wind and tornado damages to rooftops. Possibly conduct a program with local hardware stores to sell hurricane straps at a reduced price to homeowners and contractors to help with costs on new and existing homes.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Low	1,2,3	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-43	Storm Shelter/Safe Room Database. Develop a countywide storm shelter and safe room database with latitude and longitude of each individual safe room in the communities. This will help locate safe rooms and citizens after a disaster.	All Hazards	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-44	Blanket, Heater, and Coat Program. Have a community-wide Blanket, Heater and Coat Program to donate items to the poor and the elderly for wintertime. Establish donation banks located throughout the cities, community churches and at the schools.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	Donations	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-45	Bury Electrical Lines Program. Change ordinances to bury electrical lines from the transformer to the house on any new construction. This will reduce the amount of downed power lines during a hazard event. Also, bury electrical cables on existing houses through grant programs that may become available.	All Hazards	Emergency Manager, RECs	Low	1,2	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-46	Become a Firewise Community. Become Firewise Communities by having each community have a Firewise Plan. Work with the State Forestry Service to meet the criteria in becoming a Firewise community.	Drought, Wildfire	Emergency Manager, City Clerk	High	1,2	\$10,000 plus	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-47	Waterline Insulation Program. Have a Waterline Insulation Program where the poor or elderly could have their waterlines insulated to reduce the risk of pipe breaks during the winter months. Work with hardware stores, churches and large businesses to donate pipe insulation wrap. The program would also request volunteer labor from high school students, churches, local businesses and city staff to install the insulation for local residents in need.	Winter Storm	Emergency Manager, City Clerk	Low	2	Volunteer Labor	Staff Time and Volunteer Labor	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-48	Storm Spotter Programs. Work with the National Weather Service to hold storm spotter training seminars in the communities or nearby areas to train interested individuals. If possible, offer this training as an elective in high schools for seniors or to any local citizen. This would place more storm spotters in the community to keep a lookout for severe weather headed for the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	3,4	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-49	Voluntary Snow Shoveling Programs. Request volunteers from local churches, boy scouts, girl scouts, city staff, and high school students that would shovel snow for the physically handicapped and the elderly in the communities. This would help these citizens from having to get out in the cold weather and reduce the chances for them to slip and fall on the ice or snow.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-50	Snow Fences. Construct snow fences along the highways to reduce the risk of blowing snow build up on the roads. This would reduce the risk of traffic problems for emergency service vehicles and for community and highway travel.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$500,000 Countywide	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-51	Promote Drought Insurance to Farmers. Conduct presentations and provide handouts to local farmers to explain the benefits to having drought insurance. Have local insurance companies conduct the presentations and provide the handouts for the program.	Drought	Emergency Manager, City Clerk	Low	3	Volunteers and Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-52	Volunteer Irrigation Program. Create a list of farmers willing to assist other farmers in developing irrigation lanes in their crop fields. Some local farmers do not use irrigation lanes on their farmland. Irrigation lanes will help hold water in the fields and keep moisture in the crops to reduce wildfires. Also, have agricultural professors provide information on irrigation techniques that may help the farmers in the communities.	Drought, Wildfire	Emergency Manager, City Clerk	Low	1,2,3	Volunteers and Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-53	Evergreen Removal Program. Have the rural and city fire departments work with local farmers and land owners to remove wild evergreen trees from their fields. Evergreens are high fire fuels and this program would reduce the risk of wildfires spreading. Evergreens also consume a lot of water and removing these trees would leave water available for other plant life.	Wildfire	Emergency Manager, City Clerk	Low	1,2	\$20,000 a year	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-54	Suggested Vegetation Program. Have the rural and local fire departments work with the State Forestry Service, Kansas State University Extension Office, local farmers, land owners, and home owners to suggest low fuel vegetation seeding to decrease the risk of wildfires in the areas surrounding the outskirts of the communities.	Wildfire, Drought	Emergency Manager, City Clerk	Low	1,2	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Medicine Lodge-55	Perimeter Wildfire Zone Ordinance. Have local landowners, where farmland meets the urban interface, to have a plowed or rocked zone from the grassland to the area meeting the local community whether it is a fence line or roadway. A suggested 20-30 feet plowed area would be recommended to slow or stop wildfires from entering the community.	Wildfire	Emergency Manager, City Clerk	High	1,2	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-56	Control Burns. Have the rural and local fire departments, State Forestry Service, and area farmers conduct controlled burns on highly vegetative fields to reduce the threat of wildfires.	Drought, Wildfire	Emergency Manager, City Clerk	High	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-57	Hazardous Materials Dump Depot. Construct a hazardous materials dump depot for area residents to rid their households of hazardous waste. Currently there is not a local site where these items can be eliminated and controlled by the cities. This will reduce the amount of toxic household hazardous waste being released into the area waterways following a major event (i.e. a flood releasing hazardous waste into the community waterways).	Dam and Levee Failure, Earthquake, Flood, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-58	Storm Shelter Beacon Program. Purchase storm shelter beacons through grant programs and donations to provide a distress signal when people are trapped in area shelters after a disaster. This would be similar to the devices put on emergency rafts from ships that notify the United States Coast Guard when activated and provides a GPS coordinate to the rescuers.	Dam and Levee Failure, Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$100.00 per unit	HMGP, PDM Grant, Local Budget, Grants	5 years	On-going, no reportable progress made
Medicine Lodge-59	Reverse 911 System. Purchase a reverse 911 system for the community. This will allow the Emergency Management Director to send out messages regarding in hazard event that may pose a threat to the community.	All Hazards	Emergency Manager, City Clerk	High	1,2,3,4	\$50,000 per system	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-60	Enter CRS Program. Enter CRS program to help reduce flood damages through mitigation efforts established in the CRS program.	Flood	Emergency Manager, City Clerk	High	1,2	NA	NA	3 years	On-going, no reportable progress made
Medicine Lodge-61	Upgrade And Revise Subdivision Ordinance. The current ordinance is limited in its area of applicability. A new, revised ordinance will include additional Higher Regulatory Standards to prevent flooding damages.	Flood	Emergency Manager, City Clerk	low	1,2	NA	NA	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-62	Aerial Photography And Mapping. Update existing photos to help with emergency response and rescue missions in the event of a disaster.	Flood, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$175,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Medicine Lodge-63	2 Additional Weather Stations. Establish 2 additional weather stations in the Medicine Lodge area.	Drought, Extreme Heat, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$70,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Medicine Lodge-64	Elevation Survey of Critical Facilities. Determine the suitability for occupancy of critical facilities during flood events by way of building surveys.	Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	low	2	\$600 per survey	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Medicine Lodge-65	Battery Backup for Traffic Signals on Arterial Streets. This is to provide battery back-up for traffic signals controlling traffic flow along arterial streets in the event of power failure to traffic signals.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$190,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Medicine Lodge-66	Conversion of Traffic Signal to communication with Traffic Engineering by Wi-Fi Internet Service. Existing traffic signal control and communication systems communicate by low reliability overhead communications cables which will be replaced so that communication will be performed by more reliable wireless communications.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	4	\$190,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-67	Tubgrinder for Solid Waste. A Tubgrinder for the Solid Waste Division to expedite disposal of debris generated by disasters.	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$300,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Medicine Lodge-68	Roll-off Trash Container with Crane Attachment for Solid Waste Division. A Roll-off Trash Container with Crane Attachment for the Solid Waste Division to expedite clearing of obstructions and transport of debris for proper landfilling.	Flood, Hail, Windstorm, Lightning, Winter Storm, Wildfire	Emergency Manager, City Clerk	Low	1,2	\$300,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Medicine Lodge-69	Skid-Steer Loader with Loading Claw Attachment. Skid-Steer Loader with Loading Claws to clear debris generated by disaster and supplement loading operations of solid waste transport containers..	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$100,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Medicine Lodge-70	911 System Integration. Combine the 911 system with any GIS data gathered to help emergency responders reduce response time.	Drought, Earthquake, Extreme Heat, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	4	\$250,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-71	Outage Reporting System. Combine the Electric SCADA with GIS data which would help reduce response time during outages.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	4	\$150,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Medicine Lodge-72	Evaluation and Design of Land-Based Rocket Launched Cloud Seeding System to Reduce Size of Hailstones. Evaluate and if a reasonable probability of success is determined then design a ground based rocket launched and aiming system to perform cloud seeding to reduce the size of hailstones.	Hail	Emergency Manager, City Clerk	Low	1,2	\$100,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-73	Engineering inspection and testing of grounding system, and lightning protection of public owned communication and water towers to improve lightning . Evaluate and testing the grounding system, lightning protection and lightning induced electrical surges for publically owned communication towers and SCADA controlled water towers protection	Lightning	Emergency Manager, City Clerk	Low	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Medicine Lodge-74	Construction to correct defects in communication and water tower grounding systems and installation of lightning arrestors and electrical surge protection for lightning induced electrical surges . Action #82 includes an engineering evaluation of publicly owned communication towers and water towers with SCADA systems. This is to perform the construction and installation of devices to mitigate the lightning hazard.	Lightning	Emergency Manager, City Clerk	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-75	Storage facilities for street/road salt storage . This is to provide a corrosion resistant road salt storage facility to store road salt until needed for winter storms.	Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Medicine Lodge-76	Construct emergency storage facilities and facilities to stabilize reactive spills collected by county Emergency Responders during disaster and emergency events. This is to provide emergency response holding and stabilization facilities to hold and test hazardous substances released by spills during emergencies that cannot be immediately transported and disposed of. These facilities will consist of a raw spill corrosive resistant holding tank for emergency responders to temporarily store wastes until testing is performed to determine the proper and legal method of disposal. An oil-water separator to separate and store the oil float, a basin to allow for pH adjustment of reactive materials, and a 2nd holding tank for retaining separated or pH adjusted materials until further testing and ultimate disposal can be performed.	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire	Emergency Manager, City Clerk	Low	1,2	\$400,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Medicine Lodge-77	Sun shading panels to protect equipment sensitive to extreme heat. The dates and times of extreme heat events have been and are expected to remain very predictable. Consequently, positions of screening critical equipment from direct sunlight can be performed in order to mitigate the possible equipment failures due to extreme heat. By having critical equipment in the shade during extreme heat events instead of also heated by direct sunlight could be equivalent to 5-15 degree lower ambient temperature.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	\$125,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Medicine Lodge-78	Upgrade Fire Department radio system to become Project 25 compliant. Replace existing obsolete radio communications infrastructure with industry standard Project 25 compliant radio equipment. System will consist of 35 mobile radios; 35 portable radios; 8 base radio units; 2 trunked repeater systems; and associated antennas and interconnecting equipment.	Multi-Hazard	Emergency Manager, City Clerk	Medium	3,4	\$500,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Medicine Lodge-79	Federal Commander Digital System. Siren control units and antennas for each siren, FSK encoder, software and training. This system will continually monitor siren status and provide immediate notification of siren failure, making the outdoor warning system a more reliable method of public warning.	Multi-Hazard	Emergency Manager, City Clerk	Medium	1,2	\$84,813	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Medicine Lodge-80	E-911 Consoles. Update E-911 Center work consoles to provide enhanced response environment.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$105,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-81	: E-911 Lighting. Update lighting in E-911 Center to indirect lighting to improve emergency response. Poor lighting causes screen glare.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$2,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Medicine Lodge-82	E-911 Radios. Update obsolete radios in E-911 Center to enhance emergency communication capabilities.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$40,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-1	Public Education for drought, dam failure, earthquake, extreme heat, pandemic, thunderstorms, tornadoes, wildfires, winter storms. Inform the public with hazard information on drought, dam failure, earthquakes, extreme heat, pandemic, thunderstorms, tornadoes, wildfire, and winter storms in hazard awareness literature and presentations. This information will explain what to do, where to go in the event of a hazard and tell how to minimize their risks. Each person can help in the efforts to reduce the risks of all hazards if they know what to expect. The literature will be distributed throughout the cities, communities and school facilities and presentations will be given to school staff and students in class.	Dam Failure, Drought, Earthquake, Extreme Heat, Flood, Pandemic, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, Rural Electric Coop Director, City Clerk	High	3	\$1,000 annual	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sharon-2	Assist local farmers in building detention ponds to help retain water for times of drought. The ponds could be used for irrigation, stock and to help fight wildfires by submerging suction pumps to battle fires	Dam Failure, Drought, Extreme Heat, Flood, Wildfire, Winter Storm	Emergency Manager, City Clerk	High	1	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-3	Multi-Purpose Public Address and Warning System. Inform the public with combination warning sirens/public address system when a thunderstorm threatens the community. Currently all communities are in need of multi-purpose warning systems. The public address system would allow the communities to announce any hazard event that is threatening the community.	All Hazards	Emergency Manager, City Clerk	High	1,2,3	\$40,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-4	NOAA Weather Radio Program. Provide a NOAA Weather Radio to students and residents in the county to warn them of weather events (including lightning and hail events). The program would allow residents to purchase the radios at a reduced price.	All Hazards	Emergency Manager, City Clerk	High	1,2,3	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sharon-5	Community Storm Shelters and Hazard Supply Staging Areas. Build community storm shelters and hazard supply staging areas around the county and school districts to be prepared for all hazard events. The staging areas will contain equipment and supplies for all hazards. For example, medical supplies, sand, sand bags, pumps, bottled water, blankets, heaters, refrigeration units, generators, etc...	All Hazards	Emergency Manager, City Clerk	High	1,2	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sharon-6	Emergency Operations Center/911 Call Center/Community Shelter. Build an Emergency Operations Center/911 Call Center/Community Storm Shelter. Currently, the communities EOC's are not shelters and are vulnerable to hazards.	All Hazards	Emergency Manager, City Clerk	High	1,2,4	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 5 years	On-going, no reportable progress made
Sharon-7	Watershed, Lake, and River Warning Devices. Install electronic water level warning devices at key areas upstream and danger levels to notify the emergency management departments of possible impending flood from the watersheds, lakes, and rivers.	Dam and Levee Failure, Drought, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$500 per device	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-8	Drainage and Storm Water Management Program. Have a program to reduce or eliminate the floodplain from the areas around watersheds, lakes, and rivers that is shown on the FIRM Maps. This program would concrete the drainage area and direct the water flow downstream to detention ponds. This could reduce or eliminate flooding to some residents that are in or near the floodplains by watersheds, lakes, and rivers.	Dam and Levee Failure, Drought, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$3,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-9	Continue participation in the NFIP. Encourage participation in the NFIP for the communities that are not already participants. Continued participation in the NFIP for the communities that are currently participating will insure that individuals are not building in the flood hazard areas within the county. Also, encourage and assist those communities that are not currently participating in the NFIP to obtain membership in the program.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	Staff Time	Local Budget	Continuous	On-going, no reportable progress made, Continuous
Sharon-10	Debris Removal Program. Have a community wide drainage and stormwater cleanup days to remove all trash and debris from local drainage ways. This would involve the local churches, businesses, high schools, boy scouts, girl scouts and City Staff throughout the county	All Hazards	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sharon-11	Floodplain Property Acquisition Program. Purchase properties that are located in the 100 and 500 year floodplain throughout the county.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning	Emergency Manager, City Clerk	Medium	1,2	\$60,000 per property	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-12	Dredge the watersheds, lakes, and rivers. Dredge the lakes, watersheds and river channels located near communities within the county to allow a larger capacity of water and water flow during heavy snows and thunderstorms.	Dam and Levee Failure, Drought, Extreme Heat, Flood, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$1,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-13	Construct Flood Walls/levies. Construct flood walls/levies in communities where flooding is prevalent to reduce the flooding within the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$1,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3-5 years	On-going, no reportable progress made
Sharon-14	Upgrade and Enhance Power lines. Replacement of CWC single-phase line of enhanced design. The miles of line selected will meet several points of prioritization and evaluation and represent a small percentage of total CWC miles in the rural electric distribution system. Replacing the lines would significantly mitigate losses due to damages and greatly enhance reliability in the surrounding areas. The aged CWC construction has sustained much damage over the years and was not built to current and acceptable standards. Nearly all of REC's membership in the county would directly, if not indirectly, benefit from improved safety and improved reliability of such replacements. Estimated cost to replace: \$ 860,000.00	All Hazards	Rural Electric Coop Director	Medium	1,2	\$1,160,000	HMGP Grant, PDM Grant, Local Budget, Grants, Heartland REC	4 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-15	Tree Trimming and Branch Removal Program. Have a communitywide tree-trimming program to cut down branches and trees away from power lines and drainage areas. This will reduce the chances of downed power lines during severe storms and reduce debris during flood events. The cost and time will be served by community volunteers, county staff, city staff and local electrical companies.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sharon-16	Backup Generator for Critical Facilities. Purchase backup generators for City Halls, Emergency Operations Centers, Police Departments, Fire Departments, Community Centers, and school districts as well as two portable units for locations as needed throughout the county. These generators will be useful for severe weather events when the communities lose power. It is vital that critical facilities keep power or have backup capabilities during weather events.	All Hazards	Emergency Manager, City Clerk	Medium	1,2	\$10,000 to \$15,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sharon-17	Individual Backup Generator Program. Provide a reimbursement program for local residents to purchase generators needed at their homes or businesses. Currently FEMA does not offer this program; however, if this program should be incorporated as a FEMA eligible project or other grant funds, this would be a good program for the local citizens.	All Hazards	Emergency Manager, City Clerk	Low	1,2	NA	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-18	Hazard Event Database. Have all emergency services departments report all hazard related incidents to the county emergency management department to keep an updated Hazard Event Database for proper tracking and reporting procedures. This would help to improve accuracy of data and help to eliminate limitations in data for all hazards. Currently, each department keeps track of their own information and does not have a primary reporting database to correlate all hazard events.	All Hazards	Emergency Manager, REC's Directors, City Clerk	Low	1,2	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sharon-19	Mitigation Tabletop Exercises. A "What If" mitigation activity during HMPC meetings. For example, during the meeting have "What If" exercises to see what kind of mitigation items are in place and what if a hazard event took place, what would the outcome be and what other mitigation items would be needed to reduce the effects of the hazards.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Sharon-20	Emergency Exercise Training. Have community-wide emergency exercises to put efforts at work prior to the real event. This will help determine "hands on" what mitigation items are needed and what could make the event go smoother in response to the hazard.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Sharon-21	County, City, School, and Business Systems Backup. In the computer age, we now have the technology to back up all data in our computer systems. Computer system backups are available; however, the county, cities, schools and businesses need to back up their systems online or at a secondary server location to be able to retrieve their data if their buildings and computer systems were destroyed.	All Hazards	Emergency Manager, City Clerk	Medium	1,2,4	\$5,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-22	Animal Keep Zones. Determine setup, or build animal keep zones for displaced animals after a disaster. The county is a large farming community and it has several area farmers with numerous livestock. In a disaster event, animals may need to be temporarily relocated until fences and barns can be mended as well as household pets that may be displaced.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going
Sharon-23	Emergency Responder Volunteer Program. Develop database and setup voluntary emergency responders in the event of a disaster to respond and assist in search and rescue, evacuations, debris removal, and other emergency services that could be too large for a community to handle at the onset of the event.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Sharon-24	Emergency Management Mobile Unit. Purchase an EM Mobile Unit to serve as a command post during a hazard event. This unit will allow the county and city emergency managers to have an onsite location for the disaster area and be available for first response capability.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$50,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-25	Residential Assessment Team. Develop a residential assessment team to evaluate residential homes for disaster prevention. They would evaluate and suggest conditions and items that could reduce the effects of hazard events. For example, suggest hurricane straps on a house to reduce the risk of losing their roof in high winds or a tornado. The team will be a group of volunteers, county, and city staff that will go to locations with a checklist and inform the residents of things they could do to reduce their risks.	All Hazards	Emergency Manager, City Clerk	Low	1,2,3,4	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-26	Secondary Water Sources. Run a water line to a secondary water source for each of the water districts for times of drought to provide water to the public and for fire protection in the communities.	All Hazards	Emergency Manager, City Clerk	Low	1,2	\$500,000 per line	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-27	Remote Weather Cameras. Purchase remote weather cameras to view incoming weather events around the county. The weather cameras can also serve useful for wildfire that could threaten the outskirts of the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$15,000 per system	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-28	Amend Building Codes for Earthquake, High Winds, and Tornados. Amend county and city building codes to strengthen structures on new and existing buildings to reduce the effects of earthquake, high wind, and tornados.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	low	1,2	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Sharon-29	Above Ground Gas Pumps With Backup Generators for County and City Vehicles. Above ground gas pumps for county and city vehicles in times of disasters with a backup generator. The gas pumps are for county and city use only. It was found to be a necessity during the January 2007 ice storm for several jurisdictions that ran out of gas because fuel trucks could not travel to the locations; however, there was still a demand for fuel. This could be developed at areas with controlled access.	Dam and Levee Failure, Earthquake, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$15,000 per setup	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-30	Cool/Warming Zones for Extreme Heat and Winter Storms. Set up cool/heat zones at the county, cities, and school districts where children and families can remove themselves from the cold or heat.	Extreme Heat, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$2,000 per setup	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-31	Outdoor Drinking Sources for Extreme Heat. Set up outdoor drinking sources at the parks, schools and in the communities where children and adults can re-hydrate themselves.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	\$500 per fountain	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-32	Fan and Air Conditioner Program for the Poor and the Elderly. Provide Fans and Air Conditioners for the poor and the elderly throughout the community. Hold fund-raiser programs at the cities, schools, and local churches to obtain the necessary equipment.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	Staff Time	Donations	3 - 5 years	On-going, no reportable progress made
Sharon-33	Hazardous Material Waste Removal Day. During severe events, structures that may house hazardous materials can be damaged and release these substances into the environment. This item is to set a day for the removal of these substances after severe events.	Dam and Levee Failure, Earthquake, Flood, Tornado, Wildfire	Emergency Manager, City Clerk	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-34	Covered Walkways for Thunderstorms. Provide covered sidewalks at city streets and school walkways to reduce the risk of severe thunderstorms and winter storms to the public, and shield students and citizens from hail.	Extreme Heat, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$30,000 plus	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-35	Surge Protector Program. Provide a surge protector program to reduce the risk of electrical surges from hazard events, such as, severe thunderstorms with lightning, extreme heat, winter storms and other hazards that may cause loss of power or power surges that can damage computers, televisions, and other electronic equipment that are vulnerable. The program would allow residents to purchase surge protectors at a reduced price.	All Hazards	Emergency Manager, City Clerk	Low	1,2	None	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-36	Equipment and Furniture Strap Program. Strap and bolt down large equipment and furniture at the cities and school facilities to reduce the risk of debris during severe hazard events.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado,	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-37	Protective Window Film. Purchase protective window film for all county, city and school building windows to reduce the risk of airborne debris injuries during extreme hazard events.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-38	Lightning Detection Systems. Purchase lightning detection systems to provide warnings at city parks, camp grounds, and school recreation areas. The lightning detection system can detect lightning up to 10 miles away and could be beneficial in notifying children and adults in recreational areas of the possible danger.	Hail, Windstorm, Lightning	Emergency Manager, City Clerk	Low	1,2	\$5,000 per unit	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-39	Pumper Trucks and Fire Equipment. At least one new pumper truck with equipment are needed at each fire station to battle wildfires efficiently; however the county and cities have limited funding available for the purchase of these items.	Wildfire	Emergency Manager, City Clerk	Low	1,2	\$40,000 per unit	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-40	Individual Safe Room Program. The county would like to offer an individual safe room program with FEMA funding. The county would manage the grant program and reimburse individuals that have a safe room built. The safe room program would be on a 75% to 25% match. FEMA would cover 75% and the homeowner would cover the other 25%.	Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-41	Hand Sanitizer Zones. Purchase equipment and place at locations around the cities and the schools to have hand sanitizer available for use. These areas will have signs to notify people that sanitizer is available for use to reduce the spread of germs.	Major Disease Outbreak	Emergency Manager, City Clerk	Low	1,2	\$50 per dispenser	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-42	Promote Hurricane Straps to Contractors and Homeowners. Promote hurricane straps to local contractors and homeowners to reduce the risk of high wind and tornado damages to rooftops. Possibly conduct a program with local hardware stores to sell hurricane straps at a reduced price to homeowners and contractors to help with costs on new and existing homes.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Low	1,2,3	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Sharon-43	Storm Shelter/Safe Room Database. Develop a countywide storm shelter and safe room database with latitude and longitude of each individual safe room in the communities. This will help locate safe rooms and citizens after a disaster.	All Hazards	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-44	Blanket, Heater, and Coat Program. Have a community-wide Blanket, Heater and Coat Program to donate items to the poor and the elderly for wintertime. Establish donation banks located throughout the cities, community churches and at the schools.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	Donations	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-45	Bury Electrical Lines Program. Change ordinances to bury electrical lines from the transformer to the house on any new construction. This will reduce the amount of downed power lines during a hazard event. Also, bury electrical cables on existing houses through grant programs that may become available.	All Hazards	Emergency Manager, RECs Director, City Clerk	Low	1,2	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Sharon-46	Become a Firewise Community. Become Firewise Communities by having each community have a Firewise Plan. Work with the State Forestry Service to meet the criteria in becoming a Firewise community.	Drought, Wildfire	Emergency Manager, City Clerk	High	1,2	\$10,000 plus	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-47	Waterline Insulation Program. Have a Waterline Insulation Program where the poor or elderly could have their waterlines insulated to reduce the risk of pipe breaks during the winter months. Work with hardware stores, churches and large businesses to donate pipe insulation wrap. The program would also request volunteer labor from high school students, churches, local businesses and city staff to install the insulation for local residents in need.	Winter Storm	Emergency Manager, City Clerk	Low	2	Volunteer Labor	Staff Time and Volunteer Labor	3 - 5 years	On-going, no reportable progress made
Sharon-48	Storm Spotter Programs. Work with the National Weather Service to hold storm spotter training seminars in the communities or nearby areas to train interested individuals. If possible, offer this training as an elective in high schools for seniors or to any local citizen. This would place more storm spotters in the community to keep a lookout for severe weather headed for the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	3,4	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-49	Voluntary Snow Shoveling Programs. Request volunteers from local churches, boy scouts, girl scouts, city staff, and high school students that would shovel snow for the physically handicapped and the elderly in the communities. This would help these citizens from having to get out in the cold weather and reduce the chances for them to slip and fall on the ice or snow.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Sharon-50	Snow Fences. Construct snow fences along the highways to reduce the risk of blowing snow build up on the roads. This would reduce the risk of traffic problems for emergency service vehicles and for community and highway travel.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$500,000 Countywide	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-51	Promote Drought Insurance to Farmers. Conduct presentations and provide handouts to local farmers to explain the benefits to having drought insurance. Have local insurance companies conduct the presentations and provide the handouts for the program.	Drought	Emergency Manager, City Clerk	Low	3	Volunteers and Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Sharon-52	Volunteer Irrigation Program. Create a list of farmers willing to assist other farmers in developing irrigation lanes in their crop fields. Some local farmers do not use irrigation lanes on their farmland. Irrigation lanes will help hold water in the fields and keep moisture in the crops to reduce wildfires. Also, have agricultural professors provide information on irrigation techniques that may help the farmers in the communities.	Drought, Wildfire	Emergency Manager, City Clerk	Low	1,2,3	Volunteers and Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-53	Evergreen Removal Program. Have the rural and city fire departments work with local farmers and land owners to remove wild evergreen trees from their fields. Evergreens are high fire fuels and this program would reduce the risk of wildfires spreading. Evergreens also consume a lot of water and removing these trees would leave water available for other plant life.	Wildfire	Emergency Manager, City Clerk	Low	1,2	\$20,000 a year	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sharon-54	Suggested Vegetation Program. Have the rural and local fire departments work with the State Forestry Service, Kansas State University Extension Office, local farmers, land owners, and home owners to suggest low fuel vegetation seeding to decrease the risk of wildfires in the areas surrounding the outskirts of the communities.	Wildfire, Drought	Emergency Manager, City Clerk	Low	1,2	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sharon-55	Perimeter Wildfire Zone Ordinance. Have local landowners, where farmland meets the urban interface, to have a plowed or rocked zone from the grassland to the area meeting the local community whether it is a fence line or roadway. A suggested 20-30 feet plowed area would be recommended to slow or stop wildfires from entering the community.	Wildfire	Emergency Manager, City Clerk	High	1,2	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Sharon-56	Control Burns. Have the rural and local fire departments, State Forestry Service, and area farmers conduct controlled burns on highly vegetative fields to reduce the threat of wildfires.	Drought, Wildfire	Emergency Manager, City Clerk	High	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-57	Hazardous Materials Dump Depot. Construct a hazardous materials dump depot for area residents to rid their households of hazardous waste. Currently there is not a local site where these items can be eliminated and controlled by the cities. This will reduce the amount of toxic household hazardous waste being released into the area waterways following a major event (i.e. a flood releasing hazardous waste into the community waterways).	Dam and Levee Failure, Earthquake, Flood, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sharon-58	Storm Shelter Beacon Program. Purchase storm shelter beacons through grant programs and donations to provide a distress signal when people are trapped in area shelters after a disaster. This would be similar to the devices put on emergency rafts from ships that notify the United States Coast Guard when activated and provides a GPS coordinate to the rescuers.	Dam and Levee Failure, Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$100.00 per unit	HMGP, PDM Grant, Local Budget, Grants	5 years	On-going, no reportable progress made
Sharon-59	Reverse 911 System. Purchase a reverse 911 system for the community. This will allow the Emergency Management Director to send out messages regarding in hazard event that may pose a threat to the community.	All Hazards	Emergency Manager, City Clerk	High	1,2,3,4	\$50,000 per system	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sharon-60	Enter CRS Program. Enter CRS program to help reduce flood damages through mitigation efforts established in the CRS program.	Flood	Emergency Manager, City Clerk	High	1,2	NA	NA	3 years	On-going, no reportable progress made
Sharon-61	Upgrade And Revise Subdivision Ordinance. The current ordinance is limited in its area of applicability. A new, revised ordinance will include additional Higher Regulatory Standards to prevent flooding damages.	Flood	Emergency Manager, City Clerk	low	1,2	NA	NA	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-62	Aerial Photography And Mapping. Update existing photos to help with emergency response and rescue missions in the event of a disaster.	Flood, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$175,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sharon-63	2 Additional Weather Stations. Establish 2 additional weather stations in the Sharon area.	Drought, Extreme Heat, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$70,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sharon-64	Elevation Survey of Critical Facilities. Determine the suitability for occupancy of critical facilities during flood events by way of building surveys.	Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	low	2	\$600 per survey	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sharon-65	Battery Backup for Traffic Signals on Arterial Streets. This is to provide battery back-up for traffic signals controlling traffic flow along arterial streets in the event of power failure to traffic signals.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$190,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sharon-66	Conversion of Traffic Signal to communication with Traffic Engineering by Wi-Fi Internet Service. Existing traffic signal control and communication systems communicate by low reliability overhead communications cables which will be replaced so that communication will be performed by more reliable wireless communications.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	4	\$190,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-67	Tubgrinder for Solid Waste. A Tubgrinder for the Solid Waste Division to expedite disposal of debris generated by disasters.	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$300,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sharon-68	Roll-off Trash Container with Crane Attachment for Solid Waste Division. A Roll-off Trash Container with Crane Attachment for the Solid Waste Division to expedite clearing of obstructions and transport of debris for proper landfilling.	Flood, Hail, Windstorm, Lightning, Winter Storm, Wildfire	Emergency Manager, City Clerk	Low	1,2	\$300,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sharon-69	Skid-Steer Loader with Loading Claw Attachment. Skid-Steer Loader with Loading Claws to clear debris generated by disaster and supplement loading operations of solid waste transport containers..	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$100,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sharon-70	911 System Integration. Combine the 911 system with any GIS data gathered to help emergency responders reduce response time.	Drought, Earthquake, Extreme Heat, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	4	\$250,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-71	Outage Reporting System. Combine the Electric SCADA with GIS data which would help reduce response time during outages.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	4	\$150,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sharon-72	Evaluation and Design of Land-Based Rocket Launched Cloud Seeding System to Reduce Size of Hailstones. Evaluate and if a reasonable probability of success is determined then design a ground based rocket launched and aiming system to perform cloud seeding to reduce the size of hailstones.	Hail	Emergency Manager, City Clerk	Low	1,2	\$100,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sharon-73	Engineering inspection and testing of grounding system, and lightning protection of public owned communication and water towers to improve lightning . Evaluate and testing the grounding system, lightning protection and lightning induced electrical surges for publically owned communication towers and SCADA controlled water towers protection	Lightning	Emergency Manager, City Clerk	Low	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sharon-74	Construction to correct defects in communication and water tower grounding systems and installation of lightning arrestors and electrical surge protection for lightning induced electrical surges . Action #82 includes an engineering evaluation of publicly owned communication towers and water towers with SCADA systems. This is to perform the construction and installation of devices to mitigate the lightning hazard.	Lightning	Emergency Manager, City Clerk	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

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Sharon-75	Storage facilities for street/road salt storage . This is to provide a corrosion resistant road salt storage facility to store road salt until needed for winter storms.	Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sharon-76	Construct emergency storage facilities and facilities to stabilize reactive spills collected by county Emergency Responders during disaster and emergency events. This is to provide emergency response holding and stabilization facilities to hold and test hazardous substances released by spills during emergencies that cannot be immediately transported and disposed of. These facilities will consist of a raw spill corrosive resistant holding tank for emergency responders to temporarily store wastes until testing is performed to determine the proper and legal method of disposal. An oil-water separator to separate and store the oil float, a basin to allow for pH adjustment of reactive materials, and a 2nd holding tank for retaining separated or pH adjusted materials until further testing and ultimate disposal can be performed.	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire	Emergency Manager, City Clerk	Low	1,2	\$400,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sharon-77	Sun shading panels to protect equipment sensitive to extreme heat. The dates and times of extreme heat events have been and are expected to remain very predictable. Consequently, positions of screening critical equipment from direct sunlight can be performed in order to mitigate the possible equipment failures due to extreme heat. By having critical equipment in the shade during extreme heat events instead of also heated by direct sunlight could be equivalent to 5-15 degree lower ambient temperature.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	\$125,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sharon-78	Upgrade Fire Department radio system to become Project 25 compliant. Replace existing obsolete radio communications infrastructure with industry standard Project 25 compliant radio equipment. System will consist of 35 mobile radios; 35 portable radios; 8 base radio units; 2 trunked repeater systems; and associated antennas and interconnecting equipment.	Multi-Hazard	Emergency Manager, City Clerk	Medium	3,4	\$500,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sharon-79	Federal Commander Digital System. Siren control units and antennas for each siren, FSK encoder, software and training. This system will continually monitor siren status and provide immediate notification of siren failure, making the outdoor warning system a more reliable method of public warning.	Multi-Hazard	Emergency Manager, City Clerk	Medium	1,2	\$84,813	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sharon-80	E-911 Consoles. Update E-911 Center work consoles to provide enhanced response environment.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$105,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sharon-81	: E-911 Lighting. Update lighting in E-911 Center to indirect lighting to improve emergency response. Poor lighting causes screen glare.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$2,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sharon-82	E-911 Radios. Update obsolete radios in E-911 Center to enhance emergency communication capabilities.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$40,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-1	Public Education for drought, dam failure, earthquake, extreme heat, pandemic, thunderstorms, tornadoes, wildfires, winter storms. Inform the public with hazard information on drought, dam failure, earthquakes, extreme heat, pandemic, thunderstorms, tornadoes, wildfire, and winter storms in hazard awareness literature and presentations. This information will explain what to do, where to go in the event of a hazard and tell how to minimize their risks. Each person can help in the efforts to reduce the risks of all hazards if they know what to expect. The literature will be distributed throughout the cities, communities and school facilities and presentations will be given to school staff and students in class.	Dam Failure, Drought, Earthquake, Extreme Heat, Flood, Pandemic, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, Rural Electric Coop Director, City Clerk	High	3	\$1,000 annual	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sun City-2	Assist local farmers in building detention ponds to help retain water for times of drought. The ponds could be used for irrigation, stock and to help fight wildfires by submerging suction pumps to battle fires	Dam Failure, Drought, Extreme Heat, Flood, Wildfire, Winter Storm	Emergency Manager, City Clerk	High	1	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-3	Multi-Purpose Public Address and Warning System. Inform the public with combination warning sirens/public address system when a thunderstorm threatens the community. Currently all communities are in need of multi-purpose warning systems. The public address system would allow the communities to announce any hazard event that is threatening the community.	All Hazards	Emergency Manager, City Clerk	High	1,2,3	\$40,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-4	NOAA Weather Radio Program. Provide a NOAA Weather Radio to students and residents in the county to warn them of weather events (including lightning and hail events). The program would allow residents to purchase the radios at a reduced price.	All Hazards	Emergency Manager, City Clerk	High	1,2,3	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sun City-5	Community Storm Shelters and Hazard Supply Staging Areas. Build community storm shelters and hazard supply staging areas around the county and school districts to be prepared for all hazard events. The staging areas will contain equipment and supplies for all hazards. For example, medical supplies, sand, sand bags, pumps, bottled water, blankets, heaters, refrigeration units, generators, etc...	All Hazards	Emergency Manager, City Clerk	High	1,2	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sun City-6	Emergency Operations Center/911 Call Center/Community Shelter. Build an Emergency Operations Center/911 Call Center/Community Storm Shelter. Currently, the communities EOC's are not shelters and are vulnerable to hazards.	All Hazards	Emergency Manager, City Clerk	High	1,2,4	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 5 years	On-going, no reportable progress made
Sun City-7	Watershed, Lake, and River Warning Devices. Install electronic water level warning devices at key areas upstream and danger levels to notify the emergency management departments of possible impending flood from the watersheds, lakes, and rivers.	Dam and Levee Failure, Drought, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$500 per device	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-8	Drainage and Storm Water Management Program. Have a program to reduce or eliminate the floodplain from the areas around watersheds, lakes, and rivers that is shown on the FIRM Maps. This program would concrete the drainage area and direct the water flow downstream to detention ponds. This could reduce or eliminate flooding to some residents that are in or near the floodplains by watersheds, lakes, and rivers.	Dam and Levee Failure, Drought, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$3,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-9	Continue participation in the NFIP. Encourage participation in the NFIP for the communities that are not already participants. Continued participation in the NFIP for the communities that are currently participating will insure that individuals are not building in the flood hazard areas within the county. Also, encourage and assist those communities that are not currently participating in the NFIP to obtain membership in the program.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	Staff Time	Local Budget	Continuous	On-going, no reportable progress made, Continuous
Sun City-10	Debris Removal Program. Have a community wide drainage and stormwater cleanup days to remove all trash and debris from local drainage ways. This would involve the local churches, businesses, high schools, boy scouts, girl scouts and City Staff throughout the county	All Hazards	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sun City-11	Floodplain Property Acquisition Program. Purchase properties that are located in the 100 and 500 year floodplain throughout the county.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning	Emergency Manager, City Clerk	Medium	1,2	\$60,000 per property	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-12	Dredge the watersheds, lakes, and rivers. Dredge the lakes, watersheds and river channels located near communities within the county to allow a larger capacity of water and water flow during heavy snows and thunderstorms.	Dam and Levee Failure, Drought, Extreme Heat, Flood, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$1,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-13	Construct Flood Walls/levies. Construct flood walls/levies in communities where flooding is prevalent to reduce the flooding within the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	High	1,2	\$1,000,000 plus	HMGP Grant, PDM Grant, Local Budget, Grants	3-5 years	On-going, no reportable progress made
Sun City-14	Upgrade and Enhance Power lines. Replacement of CWC single-phase line of enhanced design. The miles of line selected will meet several points of prioritization and evaluation and represent a small percentage of total CWC miles in the rural electric distribution system. Replacing the lines would significantly mitigate losses due to damages and greatly enhance reliability in the surrounding areas. The aged CWC construction has sustained much damage over the years and was not built to current and acceptable standards. Nearly all of REC's membership in the county would directly, if not indirectly, benefit from improved safety and improved reliability of such replacements. Estimated cost to replace: \$ 860,000.00	All Hazards	Rural Electric Coop Director	Medium	1,2	\$1,160,000	HMGP Grant, PDM Grant, Local Budget, Grants, Heartland REC	4 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-15	Tree Trimming and Branch Removal Program. Have a communitywide tree-trimming program to cut down branches and trees away from power lines and drainage areas. This will reduce the chances of downed power lines during severe storms and reduce debris during flood events. The cost and time will be served by community volunteers, county staff, city staff and local electrical companies.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sun City-16	Backup Generator for Critical Facilities. Purchase backup generators for City Halls, Emergency Operations Centers, Police Departments, Fire Departments, Community Centers, and school districts as well as two portable units for locations as needed throughout the county. These generators will be useful for severe weather events when the communities lose power. It is vital that critical facilities keep power or have backup capabilities during weather events.	All Hazards	Emergency Manager, City Clerk	Medium	1,2	\$10,000 to \$15,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sun City-17	Individual Backup Generator Program. Provide a reimbursement program for local residents to purchase generators needed at their homes or businesses. Currently FEMA does not offer this program; however, if this program should be incorporated as a FEMA eligible project or other grant funds, this would be a good program for the local citizens.	All Hazards	Emergency Manager, City Clerk	Low	1,2	NA	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-18	Hazard Event Database. Have all emergency services departments report all hazard related incidents to the county emergency management department to keep an updated Hazard Event Database for proper tracking and reporting procedures. This would help to improve accuracy of data and help to eliminate limitations in data for all hazards. Currently, each department keeps track of their own information and does not have a primary reporting database to correlate all hazard events.	All Hazards	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sun City-19	Mitigation Tabletop Exercises. A “What If” mitigation activity during HMPC meetings. For example, during the meeting have “What If” exercises to see what kind of mitigation items are in place and what if a hazard event took place, what would the outcome be and what other mitigation items would be needed to reduce the effects of the hazards.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Sun City-20	Emergency Exercise Training. Have community-wide emergency exercises to put efforts at work prior to the real event. This will help determine “hands on” what mitigation items are needed and what could make the event go smoother in response to the hazard.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Sun City-21	County, City, School, and Business Systems Backup. In the computer age, we now have the technology to back up all data in our computer systems. Computer system backups are available; however, the county, cities, schools and businesses need to back up their systems online or at a secondary server location to be able to retrieve their data if their buildings and computer systems were destroyed.	All Hazards	Emergency Manager, City Clerk	Medium	1,2,4	\$5,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-22	Animal Keep Zones. Determine setup, or build animal keep zones for displaced animals after a disaster. The county is a large farming community and it has several area farmers with numerous livestock. In a disaster event, animals may need to be temporarily relocated until fences and barns can be mended as well as household pets that may be displaced.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going
Sun City-23	Emergency Responder Volunteer Program. Develop database and setup voluntary emergency responders in the event of a disaster to respond and assist in search and rescue, evacuations, debris removal, and other emergency services that could be too large for a community to handle at the onset of the event.	All Hazards	Emergency Manager, City Clerk	Medium	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Sun City-24	Emergency Management Mobile Unit. Purchase an EM Mobile Unit to serve as a command post during a hazard event. This unit will allow the county and city emergency managers to have an onsite location for the disaster area and be available for first response capability.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$50,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-25	Residential Assessment Team. Develop a residential assessment team to evaluate residential homes for disaster prevention. They would evaluate and suggest conditions and items that could reduce the effects of hazard events. For example, suggest hurricane straps on a house to reduce the risk of losing their roof in high winds or a tornado. The team will be a group of volunteers, county, and city staff that will go to locations with a checklist and inform the residents of things they could do to reduce their risks.	All Hazards	Emergency Manager, City Clerk	Low	1,2,3,4	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-26	Secondary Water Sources. Run a water line to a secondary water source for each of the water districts for times of drought to provide water to the public and for fire protection in the communities.	All Hazards	Emergency Manager, City Clerk	Low	1,2	\$500,000 per line	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-27	Remote Weather Cameras. Purchase remote weather cameras to view incoming weather events around the county. The weather cameras can also serve useful for wildfire that could threaten the outskirts of the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$15,000 per system	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-28	Amend Building Codes for Earthquake, High Winds, and Tornados. Amend county and city building codes to strengthen structures on new and existing buildings to reduce the effects of earthquake, high wind, and tornados.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	low	1,2	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Sun City-29	Above Ground Gas Pumps With Backup Generators for County and City Vehicles. Above ground gas pumps for county and city vehicles in times of disasters with a backup generator. The gas pumps are for county and city use only. It was found to be a necessity during the January 2007 ice storm for several jurisdictions that ran out of gas because fuel trucks could not travel to the locations; however, there was still a demand for fuel. This could be developed at areas with controlled access.	Dam and Levee Failure, Earthquake, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$15,000 per setup	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-30	Cool/Warming Zones for Extreme Heat and Winter Storms. Set up cool/heat zones at the county, cities, and school districts where children and families can remove themselves from the cold or heat.	Extreme Heat, Winter Storm	Emergency Manager, City Clerk	Medium	1,2	\$2,000 per setup	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-31	Outdoor Drinking Sources for Extreme Heat. Set up outdoor drinking sources at the parks, schools and in the communities where children and adults can re-hydrate themselves.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	\$500 per fountain	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-32	Fan and Air Conditioner Program for the Poor and the Elderly. Provide Fans and Air Conditioners for the poor and the elderly throughout the community. Hold fund-raiser programs at the cities, schools, and local churches to obtain the necessary equipment.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	Staff Time	Donations	3 - 5 years	On-going, no reportable progress made
Sun City-33	Hazardous Material Waste Removal Day. During severe events, structures that may house hazardous materials can be damaged and release these substances into the environment. This item is to set a day for the removal of these substances after severe events.	Dam and Levee Failure, Earthquake, Flood, Tornado, Wildfire	Emergency Manager, City Clerk	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-34	Covered Walkways for Thunderstorms. Provide covered sidewalks at city streets and school walkways to reduce the risk of severe thunderstorms and winter storms to the public, and shield students and citizens from hail.	Extreme Heat, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$30,000 plus	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-35	Surge Protector Program. Provide a surge protector program to reduce the risk of electrical surges from hazard events, such as, severe thunderstorms with lightning, extreme heat, winter storms and other hazards that may cause loss of power or power surges that can damage computers, televisions, and other electronic equipment that are vulnerable. The program would allow residents to purchase surge protectors at a reduced price.	All Hazards	Emergency Manager, City Clerk	Low	1,2	None	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-36	Equipment and Furniture Strap Program. Strap and bolt down large equipment and furniture at the cities and school facilities to reduce the risk of debris during severe hazard events.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado,	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-37	Protective Window Film. Purchase protective window film for all county, city and school building windows to reduce the risk of airborne debris injuries during extreme hazard events.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-38	Lightning Detection Systems. Purchase lightning detection systems to provide warnings at city parks, camp grounds, and school recreation areas. The lightning detection system can detect lightning up to 10 miles away and could be beneficial in notifying children and adults in recreational areas of the possible danger.	Hail, Windstorm, Lightning	Emergency Manager, City Clerk	Low	1,2	\$5,000 per unit	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-39	Pumper Trucks and Fire Equipment. At least one new pumper truck with equipment are needed at each fire station to battle wildfires efficiently; however the county and cities have limited funding available for the purchase of these items.	Wildfire	Emergency Manager, City Clerk	Low	1,2	\$40,000 per unit	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-40	Individual Safe Room Program. The county would like to offer an individual safe room program with FEMA funding. The county would manage the grant program and reimburse individuals that have a safe room built. The safe room program would be on a 75% to 25% match. FEMA would cover 75% and the homeowner would cover the other 25%.	Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	1,2	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-41	Hand Sanitizer Zones. Purchase equipment and place at locations around the cities and the schools to have hand sanitizer available for use. These areas will have signs to notify people that sanitizer is available for use to reduce the spread of germs.	Major Disease Outbreak	Emergency Manager, City Clerk	Low	1,2	\$50 per dispenser	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-42	Promote Hurricane Straps to Contractors and Homeowners. Promote hurricane straps to local contractors and homeowners to reduce the risk of high wind and tornado damages to rooftops. Possibly conduct a program with local hardware stores to sell hurricane straps at a reduced price to homeowners and contractors to help with costs on new and existing homes.	Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Low	1,2,3	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Sun City-43	Storm Shelter/Safe Room Database. Develop a countywide storm shelter and safe room database with latitude and longitude of each individual safe room in the communities. This will help locate safe rooms and citizens after a disaster.	All Hazards	Emergency Manager, City Clerk	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-44	Blanket, Heater, and Coat Program. Have a community-wide Blanket, Heater and Coat Program to donate items to the poor and the elderly for wintertime. Establish donation banks located throughout the cities, community churches and at the schools.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	Donations	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-45	Bury Electrical Lines Program. Change ordinances to bury electrical lines from the transformer to the house on any new construction. This will reduce the amount of downed power lines during a hazard event. Also, bury electrical cables on existing houses through grant programs that may become available.	All Hazards	Emergency Manager, City Clerk	Low	1,2	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Sun City-46	Become a Firewise Community. Become Firewise Communities by having each community have a Firewise Plan. Work with the State Forestry Service to meet the criteria in becoming a Firewise community.	Drought, Wildfire	Emergency Manager, City Clerk	High	1,2	\$10,000 plus	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-47	Waterline Insulation Program. Have a Waterline Insulation Program where the poor or elderly could have their waterlines insulated to reduce the risk of pipe breaks during the winter months. Work with hardware stores, churches and large businesses to donate pipe insulation wrap. The program would also request volunteer labor from high school students, churches, local businesses and city staff to install the insulation for local residents in need.	Winter Storm	Emergency Manager, City Clerk	Low	2	Volunteer Labor	Staff Time and Volunteer Labor	3 - 5 years	On-going, no reportable progress made
Sun City-48	Storm Spotter Programs. Work with the National Weather Service to hold storm spotter training seminars in the communities or nearby areas to train interested individuals. If possible, offer this training as an elective in high schools for seniors or to any local citizen. This would place more storm spotters in the community to keep a lookout for severe weather headed for the communities.	Dam and Levee Failure, Flood, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	3,4	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-49	Voluntary Snow Shoveling Programs. Request volunteers from local churches, boy scouts, girl scouts, city staff, and high school students that would shovel snow for the physically handicapped and the elderly in the communities. This would help these citizens from having to get out in the cold weather and reduce the chances for them to slip and fall on the ice or snow.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Sun City-50	Snow Fences. Construct snow fences along the highways to reduce the risk of blowing snow build up on the roads. This would reduce the risk of traffic problems for emergency service vehicles and for community and highway travel.	Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$500,000 Countywide	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-51	Promote Drought Insurance to Farmers. Conduct presentations and provide handouts to local farmers to explain the benefits to having drought insurance. Have local insurance companies conduct the presentations and provide the handouts for the program.	Drought	Emergency Manager, City Clerk	Low	3	Volunteers and Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made
Sun City-52	Volunteer Irrigation Program. Create a list of farmers willing to assist other farmers in developing irrigation lanes in their crop fields. Some local farmers do not use irrigation lanes on their farmland. Irrigation lanes will help hold water in the fields and keep moisture in the crops to reduce wildfires. Also, have agricultural professors provide information on irrigation techniques that may help the farmers in the communities.	Drought, Wildfire	Emergency Manager, City Clerk	Low	1,2,3	Volunteers and Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-53	Evergreen Removal Program. Have the rural and city fire departments work with local farmers and land owners to remove wild evergreen trees from their fields. Evergreens are high fire fuels and this program would reduce the risk of wildfires spreading. Evergreens also consume a lot of water and removing these trees would leave water available for other plant life.	Wildfire	Emergency Manager, City Clerk	Low	1,2	\$20,000 a year	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sun City-54	Suggested Vegetation Program. Have the rural and local fire departments work with the State Forestry Service, Kansas State University Extension Office, local farmers, land owners, and home owners to suggest low fuel vegetation seeding to decrease the risk of wildfires in the areas surrounding the outskirts of the communities.	Wildfire, Drought	Emergency Manager, City Clerk	Low	1,2	Staff Time	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Sun City-55	Perimeter Wildfire Zone Ordinance. Have local landowners, where farmland meets the urban interface, to have a plowed or rocked zone from the grassland to the area meeting the local community whether it is a fence line or roadway. A suggested 20-30 feet plowed area would be recommended to slow or stop wildfires from entering the community.	Wildfire	Emergency Manager, City Clerk	High	1,2	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
Sun City-56	Control Burns. Have the rural and local fire departments, State Forestry Service, and area farmers conduct controlled burns on highly vegetative fields to reduce the threat of wildfires.	Drought, Wildfire	Emergency Manager, City Clerk	High	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-57	Hazardous Materials Dump Depot. Construct a hazardous materials dump depot for area residents to rid their households of hazardous waste. Currently there is not a local site where these items can be eliminated and controlled by the cities. This will reduce the amount of toxic household hazardous waste being released into the area waterways following a major event (i.e. a flood releasing hazardous waste into the community waterways).	Dam and Levee Failure, Earthquake, Flood, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sun City-58	Storm Shelter Beacon Program. Purchase storm shelter beacons through grant programs and donations to provide a distress signal when people are trapped in area shelters after a disaster. This would be similar to the devices put on emergency rafts from ships that notify the United States Coast Guard when activated and provides a GPS coordinate to the rescuers.	Dam and Levee Failure, Earthquake, Hail, Windstorm, Lightning, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$100.00 per unit	HMGP, PDM Grant, Local Budget, Grants	5 years	On-going, no reportable progress made
Sun City-59	Reverse 911 System. Purchase a reverse 911 system for the community. This will allow the Emergency Management Director to send out messages regarding in hazard event that may pose a threat to the community.	All Hazards	Emergency Manager, City Clerk	High	1,2,3,4	\$50,000 per system	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sun City-60	Enter CRS Program. Enter CRS program to help reduce flood damages through mitigation efforts established in the CRS program.	Flood	Emergency Manager, City Clerk	High	1,2	NA	NA	3 years	On-going, no reportable progress made
Sun City-61	Upgrade And Revise Subdivision Ordinance. The current ordinance is limited in its area of applicability. A new, revised ordinance will include additional Higher Regulatory Standards to prevent flooding damages.	Flood	Emergency Manager, City Clerk	low	1,2	NA	NA	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-62	Aerial Photography And Mapping. Update existing photos to help with emergency response and rescue missions in the event of a disaster.	Flood, Tornado	Emergency Manager, City Clerk	Medium	1,2	\$175,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sun City-63	2 Additional Weather Stations. Establish 2 additional weather stations in the Sun City area.	Drought, Extreme Heat, Flood, Hail, Windstorm, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$70,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sun City-64	Elevation Survey of Critical Facilities. Determine the suitability for occupancy of critical facilities during flood events by way of building surveys.	Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	low	2	\$600 per survey	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sun City-65	Battery Backup for Traffic Signals on Arterial Streets. This is to provide battery back-up for traffic signals controlling traffic flow along arterial streets in the event of power failure to traffic signals.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	low	1,2	\$190,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sun City-66	Conversion of Traffic Signal to communication with Traffic Engineering by Wi-Fi Internet Service. Existing traffic signal control and communication systems communicate by low reliability overhead communications cables which will be replaced so that communication will be performed by more reliable wireless communications.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	4	\$190,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-67	Tubgrinder for Solid Waste. A Tubgrinder for the Solid Waste Division to expedite disposal of debris generated by disasters.	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$300,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sun City-68	Roll-off Trash Container with Crane Attachment for Solid Waste Division. A Roll-off Trash Container with Crane Attachment for the Solid Waste Division to expedite clearing of obstructions and transport of debris for proper landfilling.	Flood, Hail, Windstorm, Lightning, Winter Storm, Wildfire	Emergency Manager, City Clerk	Low	1,2	\$300,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sun City-69	Skid-Steer Loader with Loading Claw Attachment. Skid-Steer Loader with Loading Claws to clear debris generated by disaster and supplement loading operations of solid waste transport containers..	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$100,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sun City-70	911 System Integration. Combine the 911 system with any GIS data gathered to help emergency responders reduce response time.	Drought, Earthquake, Extreme Heat, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	4	\$250,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-71	Outage Reporting System. Combine the Electric SCADA with GIS data which would help reduce response time during outages.	Earthquake, Flood, Hail, Windstorm, Lightning, Torando, Wildfire, Winter Storm	Emergency Manager, City Clerk	Medium	4	\$150,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sun City-72	Evaluation and Design of Land-Based Rocket Launched Cloud Seeding System to Reduce Size of Hailstones. Evaluate and if a reasonable probability of success is determined then design a ground based rocket launched and aiming system to perform cloud seeding to reduce the size of hailstones.	Hail	Emergency Manager, City Clerk	Low	1,2	\$100,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sun City-73	Engineering inspection and testing of grounding system, and lightning protection of public owned communication and water towers to improve lightning . Evaluate and testing the grounding system, lightning protection and lightning induced electrical surges for publically owned communication towers and SCADA controlled water towers protection	Lightning	Emergency Manager, City Clerk	Low	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sun City-74	Construction to correct defects in communication and water tower grounding systems and installation of lightning arrestors and electrical surge protection for lightning induced electrical surges . Action #82 includes an engineering evaluation of publicly owned communication towers and water towers with SCADA systems. This is to perform the construction and installation of devices to mitigate the lightning hazard.	Lightning	Emergency Manager, City Clerk	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-75	Storage facilities for street/road salt storage . This is to provide a corrosion resistant road salt storage facility to store road salt until needed for winter storms.	Hail, Windstorm, Lightning, Winter Storm	Emergency Manager, City Clerk	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sun City-76	Construct emergency storage facilities and facilities to stabilize reactive spills collected by county Emergency Responders during disaster and emergency events. This is to provide emergency response holding and stabilization facilities to hold and test hazardous substances released by spills during emergencies that cannot be immediately transported and disposed of. These facilities will consist of a raw spill corrosive resistant holding tank for emergency responders to temporarily store wastes until testing is performed to determine the proper and legal method of disposal. An oil-water separator to separate and store the oil float, a basin to allow for pH adjustment of reactive materials, and a 2nd holding tank for retaining separated or pH adjusted materials until further testing and ultimate disposal can be performed.	Flood, Windstorm, Hail, Lightning, Tornado, Wildfire	Emergency Manager, City Clerk	Low	1,2	\$400,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sun City-77	Sun shading panels to protect equipment sensitive to extreme heat. The dates and times of extreme heat events have been and are expected to remain very predictable. Consequently, positions of screening critical equipment from direct sunlight can be performed in order to mitigate the possible equipment failures due to extreme heat. By having critical equipment in the shade during extreme heat events instead of also heated by direct sunlight could be equivalent to 5-15 degree lower ambient temperature.	Extreme Heat	Emergency Manager, City Clerk	Medium	1,2	\$125,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sun City-78	Upgrade Fire Department radio system to become Project 25 compliant. Replace existing obsolete radio communications infrastructure with industry standard Project 25 compliant radio equipment. System will consist of 35 mobile radios; 35 portable radios; 8 base radio units; 2 trunked repeater systems; and associated antennas and interconnecting equipment.	Multi-Hazard	Emergency Manager, City Clerk	Medium	3,4	\$500,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sun City-79	Federal Commander Digital System. Siren control units and antennas for each siren, FSK encoder, software and training. This system will continually monitor siren status and provide immediate notification of siren failure, making the outdoor warning system a more reliable method of public warning.	Multi-Hazard	Emergency Manager, City Clerk	Medium	1,2	\$84,813	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Sun City-80	E-911 Consoles. Update E-911 Center work consoles to provide enhanced response environment.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$105,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sun City-81	: E-911 Lighting. Update lighting in E-911 Center to indirect lighting to improve emergency response. Poor lighting causes screen glare.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$2,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Sun City-82	E-911 Radios. Update obsolete radios in E-911 Center to enhance emergency communication capabilities.	All Hazards	Emergency Manager, City Clerk	Medium	4	\$40,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD#254-1	Public Education for drought, dam failure, earthquake, extreme heat, pandemic, thunderstorms, tornadoes, wildfires, winter storms. Inform the public with hazard information on drought, dam failure, earthquakes, extreme heat, pandemic, thunderstorms, tornadoes, wildfire, and winter storms in hazard awareness literature and presentations. This information will explain what to do, where to go in the event of a hazard and tell how to minimize their risks. Each person can help in the efforts to reduce the risks of all hazards if they know what to expect. The literature will be distributed throughout the cities, communities and school facilities and presentations will be given to school staff and students in class.	Multi-Hazard	Superintendent	High	4	\$1,000 annual	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
USD#254-2	Multi-Purpose Public Address and Warning System. Inform the public with combination warning sirens/public address system when a thunderstorm threatens the community. Currently all communities are in need of multi-purpose warning systems. The public address system would allow the communities to announce any hazard event that is threatening the community.	Multi-Hazard	Superintendent	High	1,2,3	\$40,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	Completed with City Funds
USD#254-3	NOAA Weather Radio Program. Provide a NOAA Weather Radio to students and residents in the county to warn them of weather events (including lightning and hail events). The program would allow residents to purchase the radios at a reduced price.	Multi-Hazard.	Superintendent	High	1,2	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
USD#254-4	Tornado Safe Room. Build FEMA 361 Safe Rooms and hazard supply staging areas to be prepared for all hazard events. The staging areas will contain equipment and supplies for all hazards.	Tornados	Superintendent	High	1,2	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD#254-5	Backup Generator for School district. Purchase backup generators for school districts as well as two portable units for locations as needed throughout the county. These generators will be useful for severe weather events when the school loses power. It is vital that critical facilities keep power or have backup capabilities during weather events.	All Hazards	Superintendent	High	1,2	\$10,000 to \$15,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
USD#254-6	Hazard Event Database. Have all districts report all hazard related incidents to the county emergency management department to keep an updated Hazard Event Database for proper tracking and reporting procedures. This would help to improve accuracy of data and help to eliminate limitations in data for all hazards. Currently, each department keeps track of their own information and does not have a primary reporting database to correlate all hazard events.	All Hazards	Superintendent	High	4	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
USD#254-7	Mitigation Tabletop Exercises. A “What If” mitigation activity during HMPC meetings. For example, during the meeting have “What If” exercises to see what kind of mitigation items are in place and what if a hazard event took place, what would the outcome be and what other mitigation items would be needed to reduce the effects of the hazards.	All Hazards	Superintendent	Low	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made
USD#254-8	Emergency Exercise Training. Have community-wide emergency exercises to include school districts to put efforts at work prior to the real event. This will help determine “hands on” what mitigation items are needed and what could make the event go smoother in response to the hazard.	All Hazards	Emergency Manager, Superintendent	Low	4	Staff Time	Local Budget	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD#254-9	County, City, School, and Business Systems Backup. In the computer age, we now have the technology to back up all data in our computer systems. Computer system backups are available; however, the county, cities, schools and businesses need to back up their systems online or at a secondary server location to be able to retrieve their data if their buildings and computer systems were destroyed.	All Hazards	Emergency Manager, Superintendent	Medium	1,2,3,4	\$5,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
USD#254-10	Cool/Warming Zones for Extreme Heat and Winter Storms. Set up cool/heat zones at the county, cities, and school districts where children and families can remove themselves from the cold or heat.	Extreme Heat, Winter Storm	Superintendent	High	1,2	\$2,000 per setup	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
USD#254-11	Outdoor Drinking Sources for Extreme Heat. Set up outdoor drinking sources at the parks, schools and in the communities where children and adults can re-hydrate themselves.	Extreme Heat	Superintendent	High	1,2	\$500 per fountain	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
USD#254-12	Fan and Air Conditioner Program for the Poor and the Elderly. Provide Fans and Air Conditioners for the poor and the elderly throughout the community. Hold fund-raiser programs at the cities, schools, and local churches to obtain the necessary equipment.	Extreme Heat	Superintendent	High	1,2	Staff Time	Donations	3 - 5 years	On-going, no reportable progress made
USD#254-13	Covered Walkways for Thunderstorms. Provide covered sidewalks at city streets and school walkways to reduce the risk of severe thunderstorms and winter storms to the public, and shield students and citizens from hail.	Extreme Heat, Hail, Windstorm, Lightning, Winter Storm	Superintendent	High	1,2	\$30,000 plus	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
USD#254-14	Protective Window Film. Purchase protective window film for all county, city and school building windows to reduce the risk of airborne debris injuries during extreme hazard events.	Earthquake, Hail, Windstorm, Lightning, Tornado	Superintendent	Low	1,2	\$5,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD#254-15	Blanket, Heater, and Coat Program. Have a community-wide Blanket, Heater and Coat Program to donate items to the poor and the elderly for wintertime. Establish donation banks located throughout the cities, community churches and at the schools.	Winter Storm	Superintendent	High	1,2	Donations	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
USD#254-16	Waterline Insulation Program. Have a Waterline Insulation Program where the poor or elderly could have their waterlines insulated to reduce the risk of pipe breaks during the winter months. Work with hardware stores, churches and large businesses to donate pipe insulation wrap. The program would also request volunteer labor from high school students, churches, local businesses and city staff to install the insulation for local residents in need.	Winter Storm	Superintendent	Low	1,2	Volunteer Labor	Staff Time and Volunteer Labor	3 - 5 years	On-going, no reportable progress made
USD#254-17	Improve Stormwater Management systems at Medicine Lodge- Lodge Grade School. Damage to school property & surrounding homes because of excess drainage, soil erosion. Change path of water drainage and increase water holding area. Also add french drains and cement waterway.	Flood	Superintendent	High	1,2	\$25,000	HMGP, PDM Grant, Local Budget, Grants	2 months	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD#255-1	Multi-Purpose Public Address and Warning System. Inform the public with combination warning sirens/public address system when a thunderstorm threatens the community. Currently all communities are in need of multi-purpose warning systems. The public address system would allow the communities to announce any hazard event that is threatening the community.	Multi-Hazard	Superintendent	High	1,2,3	\$40,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
USD#255-2	NOAA Weather Radio Program. Provide a NOAA Weather Radio to students and residents in the county to warn them of weather events (including lightning and hail events). The program would allow residents to purchase the radios at a reduced price.	Multi-Hazard.	Superintendent	High	1,2	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
USD#255-3	Tornado Safe Room. Build FEMA 361 Safe Rooms and hazard supply staging areas to be prepared for all hazard events. The staging areas will contain equipment and supplies for all hazards.	Tornados	Superintendent	High	1,2	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD#255-5	Backup Generator for School district. Purchase backup generators for school districts as well as two portable units for locations as needed throughout the county. These generators will be useful for severe weather events when the school loses power. It is vital that critical facilities keep power or have backup capabilities during weather events.	All Hazards	Superintendent	High	1,2	\$10,000 to \$15,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
USD#255-6	County, City, School, and Business Systems Backup. In the computer age, we now have the technology to back up all data in our computer systems. Computer system backups are available; however, the county, cities, schools and businesses need to back up their systems online or at a secondary server location to be able to retrieve their data if their buildings and computer systems were destroyed.	All Hazards	Emergency Manager, Superintendent	Medium	1,2,3,4	\$5,000	HMGP, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
USD#255-7	Blanket, Heater, and Coat Program. Have a community-wide Blanket, Heater and Coat Program to donate items to the poor and the elderly for wintertime. Establish donation banks located throughout the cities, community churches and at the schools.	Winter Storm	Superintendent	High	1,2	Donations	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
USD#255- 8	Voluntary Snow Shoveling Programs. Request volunteers from local churches, boy scouts, girl scouts, city staff, and high school students that would shovel snow for the physically handicapped and the elderly in the communities. This would help these citizens from having to get out in the cold weather and reduce the chances for them to slip and fall on the ice or snow.	Winter Storm	Superintendent	Low	1,2,3	Staff Time	Local Budget	3 - 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Water Districts-1	Public Education for drought, dam failure, earthquake, extreme heat, pandemic, thunderstorms, tornadoes, wildfires, winter storms. Inform the public with hazard information on drought, dam failure, earthquakes, extreme heat, pandemic, thunderstorms, tornadoes, wildfire, and winter storms in hazard awareness literature and presentations. This information will explain what to do, where to go in the event of a hazard and tell how to minimize their risks. Each person can help in the efforts to reduce the risks of all hazards if they know what to expect. The literature will be distributed throughout the cities, communities and school facilities and presentations will be given to school staff and students in class.	Multi-Hazard	Hazard Mitigation Committee (HMC), Emergency Manager, Rural Electric Coop	High	3	\$1,000 annual	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Water Districts-2	Multi-Purpose Public Address and Warning System. Inform the public with combination warning sirens/public address system when a thunderstorm threatens the community. Currently all communities are in need of multi-purpose warning systems. The public address system would allow the communities to announce any hazard event that is threatening the community.	All Hazards	Emergency Manager	High	1,2,3	\$40,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Water Districts-3	Upgrade and Enhance Power lines. Replacement of CWC single-phase line of enhanced design. The miles of line selected will meet several points of prioritization and evaluation and represent a small percentage of total CWC miles in the rural electric distribution system. Replacing the lines would significantly mitigate losses due to damages and greatly enhance reliability in the surrounding areas. The aged CWC construction has sustained much damage over the years and was not built to current and acceptable standards. Nearly all of REC's membership in the county would directly, if not indirectly, benefit from improved safety and improved reliability of such replacements.	All Hazards	Rural Electric Coop	Medium	1,2	\$1,160,000	HMGP Grant, PDM Grant, Local Budget, Grants, Heartland REC	4 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Water Districts-4	Backup Generator for Critical Facilities. Purchase backup generators for critical facilities as well as two portable units for locations as needed throughout the county. These generators will be useful for severe weather events when the communities lose power. It is vital that critical facilities keep power or have backup capabilities during weather events.	All Hazards	Emergency Manager	High	2	\$10,000 to \$15,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Water Districts-5	Hazard Event Database. Have all emergency services departments report all hazard related incidents to the county emergency management department to keep an updated Hazard Event Database for proper tracking and reporting procedures. This would help to improve accuracy of data and help to eliminate limitations in data for all hazards. Currently, each department keeps track of their own information and does not have a primary reporting database to correlate all hazard events.	All Hazards	Emergency Manager, RECs	High	1,2,3,4	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Water Districts-6	Secondary Water Sources. Run a water line to a secondary water source for each of the water districts for times of drought to provide water to the public and for fire protection in the communities.	All Hazards	Emergency Manager	Low	1,2	\$500,000 per line	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Water Districts-7	Hazardous Material Waste Removal Day. During severe events, structures that may house hazardous materials can be damage and release these substances into the environment. This item is to set a day for the removal of these substances after severe events.	Dam and Levee Failure, Earthquake, Flood,Tornado , Wildfire	Emergency Manager	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Water Districts-8	Elevation Survey of Critical Facilities. Determine the suitability for occupancy of critical facilities during flood events by way of building surveys.	Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager	High	2	\$600 per survey	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Water Districts-9	Engineering inspection and testing of grounding system, and lightning protection of public owned communication and water towers to improve lightning . Evaluate and testing the grounding system, lightning protection and lightning induced electrical surges for publically owned communication towers and SCADA controlled water towers.protection	Lightning	Emergency Manager	Low	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Water Districts-10	Construction to correct defects in communication and water tower grounding systems and installation of lightning arrestors and electrical surge protection for lightning induced electrical surges . Action #82 includes an engineering evaluation of publicly owned communication towers and water towers with SCADA systems. This is to perform the construction and installation of devices to mitigate the lightning hazard.	Lightning	Emergency Manager	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Water Districts-11	Sun shading panels to protect equipment sensitive to extreme heat. The dates and times of extreme heat events have been and are expected to remain very predictable. Consequently, positions of screening critical equipment from direct sunlight can be performed in order to mitigate the possible equipment failures due to extreme heat. By having critical equipment in the shade during extreme heat events instead of also heated by direct sunlight could be equivalent to 5-15 degree lower ambient temperature.	Extreme Heat	Emergency Manager	Low	1,2	\$125,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Ninnescah REC-1	Public Education for drought, dam failure, earthquake, extreme heat, pandemic, thunderstorms, tornadoes, wildfires, winter storms. Inform the public with hazard information on drought, dam failure, earthquakes, extreme heat, pandemic, thunderstorms, tornadoes, wildfire, and winter storms in hazard awareness literature and presentations. This information will explain what to do, where to go in the event of a hazard and tell how to minimize their risks. Each person can help in the efforts to reduce the risks of all hazards if they know what to expect. The literature will be distributed throughout the cities, communities and school facilities and presentations will be given to school staff and students in class.	Multi-Hazard	Hazard Mitigation Committee (HMC), Emergency Manager, Rural Electric Coop	High	3	\$1,000 annual	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Ninnescah REC-2	Multi-Purpose Public Address and Warning System. Inform the public with combination warning sirens/public address system when a thunderstorm threatens the community. Currently all communities are in need of multi-purpose warning systems. The public address system would allow the communities to announce any hazard event that is threatening the community.	All Hazards	Emergency Manager	High	1,2,3	\$40,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Ninnescah REC-3	NOAA Weather Radio Program. Provide a NOAA Weather Radio to students and residents in the county to warn them of weather events (including lightning and hail events). The program would allow residents to purchase the radios at a reduced price.	All Hazards	Emergency Manager	High	1,2	NA	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Ninnescah REC-4	Community Storm Shelters and Hazard Supply Staging Areas. Build community storm shelters and hazard supply staging areas around the county and school districts to be prepared for all hazard events. The staging areas will contain equipment and supplies for all hazards. For example, medical supplies, sand, sand bags, pumps, bottled water, blankets, heaters, refrigeration units, generators, etc...	All Hazards	Emergency Manager	High	1,2	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Ninnescah REC-5	Upgrade and Enhance Power lines. Replacement of CWC single-phase line of enhanced design. The miles of line selected will meet several points of prioritization and evaluation and represent a small percentage of total CWC miles in the rural electric distribution system. Replacing the lines would significantly mitigate losses due to damages and greatly enhance reliability in the surrounding areas. The aged CWC construction has sustained much damage over the years and was not built to current and acceptable standards. Nearly all of REC's membership in the county would directly, if not indirectly, benefit from improved safety and improved reliability of such replacements.	All Hazards	Rural Electric Coop	Medium	1,2	\$1,160,000	HMGP Grant, PDM Grant, Local Budget, Grants, Heartland REC	4 years	On-going, no reportable progress made
Ninnescah REC-6	Backup Generator for Critical Facilities. Purchase backup generators for critical facilities as well as two portable units for locations as needed throughout the county. These generators will be useful for severe weather events when the communities lose power. It is vital that critical facilities keep power or have backup capabilities during weather events.	All Hazards	Emergency Manager	High	2	\$10,000 to \$15,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Ninnescah REC-7	Hazard Event Database. Have all emergency services departments report all hazard related incidents to the county emergency management department to keep an updated Hazard Event Database for proper tracking and reporting procedures. This would help to improve accuracy of data and help to eliminate limitations in data for all hazards. Currently, each department keeps track of their own information and does not have a primary reporting database to correlate all hazard events.	All Hazards	Emergency Manager, RECs	High	1,2,3,4	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Ninnescah REC-8	Secondary Water Sources. Run a water line to a secondary water source for each of the water districts for times of drought to provide water to the public and for fire protection in the communities.	All Hazards	Emergency Manager	Low	1,2	\$500,000 per line	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Ninnescah REC-9	Hazardous Material Waste Removal Day. During severe events, structures that may house hazardous materials can be damaged and release these substances into the environment. This item is to set a day for the removal of these substances after severe events.	Dam and Levee Failure, Earthquake, Flood, Tornado, Wildfire	Emergency Manager	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Ninnescah REC-10	Elevation Survey of Critical Facilities. Determine the suitability for occupancy of critical facilities during flood events by way of building surveys.	Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager	High	2	\$600 per survey	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Ninnescah REC-11	Engineering inspection and testing of grounding system, and lightning protection of public owned communication and water towers to improve lightning . Evaluate and testing the grounding system, lightning protection and lightning induced electrical surges for publically owned communication towers and SCADA controlled water towers.protection	Lightning	Emergency Manager	Low	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Ninnescah REC-12	Construction to correct defects in communication and water tower grounding systems and installation of lightning arrestors and electrical surge protection for lightning induced electrical surges . Action #82 includes an engineering evaluation of publicly owned communication towers and water towers with SCADA systems. This is to perform the construction and installation of devices to mitigate the lightning hazard.	Lightning	Emergency Manager	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Ninnescah REC-13	Sun shading panels to protect equipment sensitive to extreme heat. The dates and times of extreme heat events have been and are expected to remain very predictable. Consequently, positions of screening critical equipment from direct sunlight can be performed in order to mitigate the possible equipment failures due to extreme heat. By having critical equipment in the shade during extreme heat events instead of also heated by direct sunlight could be equivalent to 5-15 degree lower ambient temperature.	Extreme Heat	Emergency Manager	Low	1,2	\$125,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
South Pioneer REC-1	Public Education for drought, dam failure, earthquake, extreme heat, pandemic, thunderstorms, tornadoes, wildfires, winter storms. Inform the public with hazard information on drought, dam failure, earthquakes, extreme heat, pandemic, thunderstorms, tornadoes, wildfire, and winter storms in hazard awareness literature and presentations. This information will explain what to do, where to go in the event of a hazard and tell how to minimize their risks. Each person can help in the efforts to reduce the risks of all hazards if they know what to expect. The literature will be distributed throughout the cities, communities and school facilities and presentations will be given to school staff and students in class.	Multi-Hazard	Hazard Mitigation Committee (HMC), Emergency Manager, Rural Electric Coop	High	3	\$1,000 annual	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
South Pioneer REC-2	Multi-Purpose Public Address and Warning System. Inform the public with combination warning sirens/public address system when a thunderstorm threatens the community. Currently all communities are in need of multi-purpose warning systems. The public address system would allow the communities to announce any hazard event that is threatening the community.	All Hazards	Emergency Manager	High	1,2,3	\$40,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
South Pioneer REC-3	NOAA Weather Radio Program. Provide a NOAA Weather Radio to students and residents in the county to warn them of weather events (including lightning and hail events). The program would allow residents to purchase the radios at a reduced price.	All Hazards	Emergency Manager	High	1,2	NA	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
South Pioneer REC-4	Community Storm Shelters and Hazard Supply Staging Areas. Build community storm shelters and hazard supply staging areas around the county and school districts to be prepared for all hazard events. The staging areas will contain equipment and supplies for all hazards. For example, medical supplies, sand, sand bags, pumps, bottled water, blankets, heaters, refrigeration units, generators, etc...	All Hazards	Emergency Manager	High	1,2	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
South Pioneer REC-5	Upgrade and Enhance Power lines. Replacement of CWC single-phase line of enhanced design. The miles of line selected will meet several points of prioritization and evaluation and represent a small percentage of total CWC miles in the rural electric distribution system. Replacing the lines would significantly mitigate losses due to damages and greatly enhance reliability in the surrounding areas. The aged CWC construction has sustained much damage over the years and was not built to current and acceptable standards. Nearly all of REC's membership in the county would directly, if not indirectly, benefit from improved safety and improved reliability of such replacements.	All Hazards	Rural Electric Coop	Medium	1,2	\$1,160,000	HMGP Grant, PDM Grant, Local Budget, Grants, Heartland REC	4 years	On-going, no reportable progress made
South Pioneer REC-6	Backup Generator for Critical Facilities. Purchase backup generators for critical facilities as well as two portable units for locations as needed throughout the county. These generators will be useful for severe weather events when the communities lose power. It is vital that critical facilities keep power or have backup capabilities during weather events.	All Hazards	Emergency Manager	High	2	\$10,000 to \$15,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
South Pioneer REC-7	Hazard Event Database. Have all emergency services departments report all hazard related incidents to the county emergency management department to keep an updated Hazard Event Database for proper tracking and reporting procedures. This would help to improve accuracy of data and help to eliminate limitations in data for all hazards. Currently, each department keeps track of their own information and does not have a primary reporting database to correlate all hazard events.	All Hazards	Emergency Manager, RECs	High	1,2,3,4	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
South Pioneer REC-8	Secondary Water Sources. Run a water line to a secondary water source for each of the water districts for times of drought to provide water to the public and for fire protection in the communities.	All Hazards	Emergency Manager	Low	1,2	\$500,000 per line	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
South Pioneer REC-9	Hazardous Material Waste Removal Day. During severe events, structures that may house hazardous materials can be damaged and release these substances into the environment. This item is to set a day for the removal of these substances after severe events.	Dam and Levee Failure, Earthquake, Flood, Tornado, Wildfire	Emergency Manager	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
South Pioneer REC-10	Elevation Survey of Critical Facilities. Determine the suitability for occupancy of critical facilities during flood events by way of building surveys.	Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager	High	2	\$600 per survey	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
South Pioneer REC-11	Engineering inspection and testing of grounding system, and lightning protection of public owned communication and water towers to improve lightning . Evaluate and testing the grounding system, lightning protection and lightning induced electrical surges for publically owned communication towers and SCADA controlled water towers.protection	Lightning	Emergency Manager	Low	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
South Pioneer REC-12	Construction to correct defects in communication and water tower grounding systems and installation of lightning arrestors and electrical surge protection for lightning induced electrical surges . Action #82 includes an engineering evaluation of publicly owned communication towers and water towers with SCADA systems. This is to perform the construction and installation of devices to mitigate the lightning hazard.	Lightning	Emergency Manager	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
South Pioneer REC-13	Sun shading panels to protect equipment sensitive to extreme heat. The dates and times of extreme heat events have been and are expected to remain very predictable. Consequently, positions of screening critical equipment from direct sunlight can be performed in order to mitigate the possible equipment failures due to extreme heat. By having critical equipment in the shade during extreme heat events instead of also heated by direct sunlight could be equivalent to 5-15 degree lower ambient temperature.	Extreme Heat	Emergency Manager	Low	1,2	\$125,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Alfalfa REC-1	Public Education for drought, dam failure, earthquake, extreme heat, pandemic, thunderstorms, tornadoes, wildfires, winter storms. Inform the public with hazard information on drought, dam failure, earthquakes, extreme heat, pandemic, thunderstorms, tornadoes, wildfire, and winter storms in hazard awareness literature and presentations. This information will explain what to do, where to go in the event of a hazard and tell how to minimize their risks. Each person can help in the efforts to reduce the risks of all hazards if they know what to expect. The literature will be distributed throughout the cities, communities and school facilities and presentations will be given to school staff and students in class.	Multi-Hazard	Hazard Mitigation Committee (HMC), Emergency Manager, Rural Electric Coop	High	3	\$1,000 annual	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Alfalfa REC-2	Multi-Purpose Public Address and Warning System. Inform the public with combination warning sirens/public address system when a thunderstorm threatens the community. Currently all communities are in need of multi-purpose warning systems. The public address system would allow the communities to announce any hazard event that is threatening the community.	All Hazards	Emergency Manager	High	1,2,3	\$40,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Alfalfa REC-3	NOAA Weather Radio Program. Provide a NOAA Weather Radio to students and residents in the county to warn them of weather events (including lightning and hail events). The program would allow residents to purchase the radios at a reduced price.	All Hazards	Emergency Manager	High	1,2	NA	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Alfalfa REC-4	Community Storm Shelters and Hazard Supply Staging Areas. Build community storm shelters and hazard supply staging areas around the county and school districts to be prepared for all hazard events. The staging areas will contain equipment and supplies for all hazards. For example, medical supplies, sand, sand bags, pumps, bottled water, blankets, heaters, refrigeration units, generators, etc...	All Hazards	Emergency Manager	High	1,2	\$200,000 - \$500,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Alfalfa REC-5	Upgrade and Enhance Power lines. Replacement of CWC single-phase line of enhanced design. The miles of line selected will meet several points of prioritization and evaluation and represent a small percentage of total CWC miles in the rural electric distribution system. Replacing the lines would significantly mitigate losses due to damages and greatly enhance reliability in the surrounding areas. The aged CWC construction has sustained much damage over the years and was not built to current and acceptable standards. Nearly all of REC's membership in the county would directly, if not indirectly, benefit from improved safety and improved reliability of such replacements.	All Hazards	Rural Electric Coop	Medium	1,2	\$1,160,000	HMGP Grant, PDM Grant, Local Budget, Grants, Heartland REC	4 years	On-going, no reportable progress made
Alfalfa REC-6	Backup Generator for Critical Facilities. Purchase backup generators for critical facilities as well as two portable units for locations as needed throughout the county. These generators will be useful for severe weather events when the communities lose power. It is vital that critical facilities keep power or have backup capabilities during weather events.	All Hazards	Emergency Manager	High	2	\$10,000 to \$15,000 per unit	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Alfalfa REC-7	Hazard Event Database. Have all emergency services departments report all hazard related incidents to the county emergency management department to keep an updated Hazard Event Database for proper tracking and reporting procedures. This would help to improve accuracy of data and help to eliminate limitations in data for all hazards. Currently, each department keeps track of their own information and does not have a primary reporting database to correlate all hazard events.	All Hazards	Emergency Manager, RECs	High	1,2,3,4	\$5,000	HMGP Grant, PDM Grant, Local Budget, Grants	1 - 3 years	On-going, no reportable progress made
Alfalfa REC-8	Secondary Water Sources. Run a water line to a secondary water source for each of the water districts for times of drought to provide water to the public and for fire protection in the communities.	All Hazards	Emergency Manager	Low	1,2	\$500,000 per line	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Alfalfa REC-9	Hazardous Material Waste Removal Day. During severe events, structures that may house hazardous materials can be damaged and release these substances into the environment. This item is to set a day for the removal of these substances after severe events.	Dam and Levee Failure, Earthquake, Flood, Tornado, Wildfire	Emergency Manager	Medium	1,2	\$20,000	HMGP, PDM Grant, Local Budget, Grants	3 - 5 years	On-going, no reportable progress made
Alfalfa REC-10	Elevation Survey of Critical Facilities. Determine the suitability for occupancy of critical facilities during flood events by way of building surveys.	Flood, Hail, Windstorm, Lightning, Winter Storm	Emergency Manager	High	2	\$600 per survey	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Alfalfa REC-11	Engineering inspection and testing of grounding system, and lightning protection of public owned communication and water towers to improve lightning . Evaluate and testing the grounding system, lightning protection and lightning induced electrical surges for publically owned communication towers and SCADA controlled water towers.protection	Lightning	Emergency Manager	Low	1,2	\$50,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Alfalfa REC-12	Construction to correct defects in communication and water tower grounding systems and installation of lightning arrestors and electrical surge protection for lightning induced electrical surges . Action #82 includes an engineering evaluation of publicly owned communication towers and water towers with SCADA systems. This is to perform the construction and installation of devices to mitigate the lightning hazard.	Lightning	Emergency Manager	Low	1,2	\$75,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made
Alfalfa REC-13	Sun shading panels to protect equipment sensitive to extreme heat. The dates and times of extreme heat events have been and are expected to remain very predictable. Consequently, positions of screening critical equipment from direct sunlight can be performed in order to mitigate the possible equipment failures due to extreme heat. By having critical equipment in the shade during extreme heat events instead of also heated by direct sunlight could be equivalent to 5-15 degree lower ambient temperature.	Extreme Heat	Emergency Manager	Low	1,2	\$125,000	HMGP, PDM Grant, Local Budget, Grants	3 years	On-going, no reportable progress made

5.6.2 BARTON COUNTY

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barton County-1	The County is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	Flood	Floodplain Manager	High	1,2	None	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Barton County-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	Flood	Floodplain Manager	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Barton County-3	Collect educational materials on individual and family preparedness/mitigation measures for property owners, and display at both the library and routinely visited jurisdictional offices. FEMA, the KDEM, the NWS and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	1,2	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Barton County-4	Host a public “hazards workshop” in combination with local festivals, fairs, or other appropriate events. A hazard workshop for county residents should be added to an established jurisdictional event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten the jurisdiction, and the mitigation and preparedness measures available to protect them. Guest speakers from the NWS, the KDEM, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	1,2	\$500 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barton County-5	Encourage the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	All Hazards	Emergency Manager	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Barton County-6	Prepare and adopt an Outdoor Warning Sirens Plan for the county, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations. Some communities and rural areas of the county have older warning systems or none at all. To better serve the citizens of Barton County a study should be conducted to evaluate measures to be taken to improve overall emergency warning services.	All Hazards	Emergency Manager	High	1,2	\$1,000	Local	On-going, no reportable progress made	On-going, no reportable progress made
Barton County-7	Educate residents about driving in winter storms and handling winter-related health effects. The USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	All Hazards	Emergency Manager	High	1,2	Staff Time	State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barton County-8	<p>Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. The jurisdiction is basically an agricultural community.</p> <p>An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.</p>	Terrorism/ Agri- Terrorism	Emergency Manager	Medium	1,2	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Barton County-9	<p>Coordinate mitigation efforts with RECs encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.</p>	Utility/ Infrastructure Failure	Emergency Manager	Medium	1,2	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barton County-10	Develop and implement a wildfire prevention / education program. In addition to providing education to the general public, the program should also target children, fire and equipment users, builders and developers, and homeowners. Jurisdictions have burn-ban resolutions which require special permission to conduct open burning operations. In periods of drought or extreme weather conditions a burn ban may be declared. When a ban is declared radio stations, TV stations, and newspapers in the area are notified as well as mayors, fire chiefs, etc. To better educate the public at large, each Jurisdiction should expand their existing fire protection program to include wildfire workshops to all age groups and commercial operations.	Wildfire	Fire Chief	Medium	1,2	250 per workshop	Local, State	Continuous	On-going, no reportable progress made, Continuous
Barton County-11	Develop a program to acquire and preserve parcels of land subject to repetitive flooding from willing and voluntary property owners. Land acquisition is an effective mitigation technique to permanently eliminate the potential for damages from future flood events. The jurisdiction can apply for grant funding to acquire flood-prone parcels of land from voluntary and willing property owners.	Flood	Floodplain Administrator	Medium	1,2	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Barton County-12	On an annual basis, contact owners identified in high-risk flood areas and inform them of potential availability of assistance through the Federal Flood Mitigation Assistance (FEMA) program, in addition to other flood protection measures. Property owners should be contacted every year to promote the availability of the FEMA funding and to determine their level of interest in applying for the program.	Flood	Floodplain Administrator	High	1,2	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barton County-13	Identify flash-flood prone areas to consider flood reduction measures to jurisdiction planners. Flood zone mapping will provide initial identification of potential hazard areas that can be reviewed with other data sources, such as the watershed districts goals and objectives, in developing long range planning activities for flash-flood prevention, or other planning steps to reduce exposure to this hazard. Current elevation data is not adequate for the prediction of flash floods. Incorporate future high accuracy LIDAR elevation data into flood plain hydraulic models in order to accurately predict flooding events.	Flood	Floodplain Administrator	Medium	1,2	Staff Time	Local	12/31/2015	On-going, no reportable progress made
Barton County-14	Research and design an appropriate stream buffer ordinance to further protect the jurisdiction's water resources and to limit future flood damages adjacent to major waterways. Riparian buffers serve as natural boundaries between local waterways and existing development and help protect resources by filtering pollutants, providing flood control, alleviating stream bank erosion, mitigating stream warming, and providing room for lateral movement of the stream channel. Buffer widths can vary greatly depending upon stream channel size and the intended purpose of the buffer, but 50-100 feet is generally considered to be sufficient for purposes of bank stabilization and sediment control. Many communities require 200 feet for flood control purposes. Special consideration should be given to exempting the jurisdiction's agricultural operations from buffer regulations.	Flood	Floodplain Administrator	High	1,2	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barton County-15	Conduct an inventory/survey for the jurisdiction's emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources. A survey should be completed in order to verify the county's current emergency services are adequate to protect public health and safety from most probable hazard events. Any identified needs or shortfalls should become documented and result in specific recommendations for emergency service enhancements.	All Hazards	Emergency Manager	High	1,2	Staff Time	Local, State	12/31/2015	On-going, no reportable progress made
Barton County-16	Research and recommend an ordinance/resolution to require installation of tornado shelters for new major manufactured and/or mobile home parks with more than 10 mobile home spaces. Mobile homes are particularly vulnerable to damage from high winds. Residents, even those who live in mobile homes with tie-downs, should seek safe shelter when a tornado threatens. Tornado shelters should be constructed in major mobile home parks to ensure a safe place for residents to go during a tornado event. The shelter structure, which should be designed to withstand a minimum of 120mph winds, could easily serve an alternate purpose such as a community center, laundry facility, etc. Tornado shelters should be for last minute protection for high wind events.	Tornado, Windstorm	County Planner	high	1,2	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barton County-17	Develop cross-departmental information collection capabilities, and incorporate (building/parcel) data utilizing a GIS for purposes of conducting more detailed hazard risk assessments and for tracking permitting / land use patterns, buildings and infrastructure replacement costs, and overall structural accounting for the county. A comprehensive catalog of data can greatly enhance the jurisdiction's technical capability to manage, analyze and display spatially referenced data. The jurisdiction has basic GIS capabilities available through the County Administrators Office. Further development of this capability for functional use across all departments will enhance the jurisdiction's overall capabilities to document building/structure cost data, and further hazard mitigation goals in developing data for the county.	All Hazards	County Administrator	Medium	1,2,4	Staff Time and potential software acquisition - \$2500	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Barton County-18	Develop an annex to the LEOP for dam failure response and evacuation for the one high hazard dam identified in the county. The county has 33 dams that are regulated by the KDA-DWR. One of these structures is classified as "High Hazard Class C" structures, and is owned and operated by the Barton County Club. The State evaluation of the dams is based on location in areas where failure may cause extensive loss of life, serious damage to homes, industrial and commercial facilities, important public utilities, main highways or railroads. It is important to note that a high hazard dam is not necessarily unsafe, as defined by the State of Kansas. An individual dam's hazard classification is based upon the potential consequences of dam failure and does not reflect the physical condition of the dam. Preparing for a potential emergency is an essential planning step to secure the people and property downstream from a potential breach or dam failure.	Dam and Levee Failure	Emergency Manager	High	1,2	Staff Time	Local	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barton County-19	Research and recommend appropriate building codes for the Jurisdiction that includes wind-resistant design techniques for new construction. The jurisdiction currently does not have any building code requirements. Incorporated and unincorporated areas of the county should adopt and enforce codes that require certain minimum building practices and contractor licensing for wind loss reduction. Experts agree that structures built to exceed high wind provisions have a much greater chance of surviving violent windstorms. Additional techniques include adding protection for windows (i.e., shutters), anchoring door frames with multiple hinges, stiffening garage doors with additional bracing, reinforcing masonry chimneys with vertical steel, and strengthening connections between walls and the roof with hurricane straps and ties. These techniques should be promoted to building contractors and homebuyers by the county for all new residential construction, to the maximum extent possible during the building permit process.	Tornado, Windstorm	County Planner	High	1,2	Staff Time	NA	12/31/2015	On-going, no reportable progress made
Barton County-20	Identify the jurisdiction's most at-risk critical facilities, and evaluate potential mitigation techniques for protecting each facility to the maximum extent possible. A thorough evaluation of potential mitigation opportunities for the jurisdiction's critical facilities must still be completed. Currently, there is very little available data on these facilities. An inventory/database on critical facilities should be created and maintained by the county and shared with the KDEM. This inventory should include information on the location and risk to each facility, and should also document any cost-effective mitigation techniques to consider when funding becomes available.	All Hazards	Emergency Manager	Medium	2	Staff Time	Local	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barton County-21	Contact the owner of the high hazard dam in the county and inform them of their responsibility to provide and/or update Emergency Action Plans to Barton County Emergency Management as prescribed by the Kansas Department of Agriculture – Water Resources Division, Chief Engineer. Barton County has 33 dams in the county that are regulated by the Kansas Department of Agriculture, Water Resources Department. One of these structures is classified as “High Hazard”. The dam should have Emergency Action Plan on file with Emergency Management for the protection of life and property downstream. An individual dam or levee hazard classification is based upon the potential consequences of dam failure and does not reflect the physical condition of the dam. Preparing for a potential emergency is an essential planning step to secure the people and property downstream from a potential breach or dam failure.	Dam and Levee Failure	County Engineer/Floodplain Manager	High	1,2,3	Staff Time	Local	12/31/2015	On-going, no reportable progress made
Barton County-22	Trim or remove trees in areas that may block or occlude roadways. Trees have become overgrown or have grown up in areas where they or their branches, when damaged or broken may fall into the roadway and block or partially block vehicles from passing. This may hamper Emergency Vehicle ability to respond, as well as close evacuation routes, and hamper other emergency operations. Removing trees in the right of way and trimming branches that would block roadways on county and township roads, there would be less chance the roads would become impassable.	Windstorm, Tornado, Winter Storms, Utility/Infrastructure Failure	Emergency Manager	Medium	1,2	\$10,000 - \$50,000	Local, State, Federal	Continuous	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Barton County-23	Study drainage throughout the county and townships, and implement measures for flood control management and improvement. Clearing, and keeping ditches and waterways clean and clear of debris. Keep drainage and ditches at proper depths and widths. Maintain culvers and bridges at proper sizes and keep them clear of sediment and debris. Increase culvert as necessary.	Flood	Emergency Manager	Medium	1,2	\$50,000 - \$500,000	Local, State	12/31/2025	New
Barton County-24	Bio-security can reduce the chances of an infectious disease being transported into and throughout the county. The Barton County LEPC, assisted by the County Extension office and the Public Health Department, shall develop educational materials regarding livestock bio-security to be distributed to the agricultural community.	Agricultural Infestation	Emergency Manager	Low	1,2,3	\$5,000 - \$10,000	Local, State, Federal	12/31/2020	New
Barton-25	Enhance existing GIS program to improve capabilities in mitigation, preparedness, and response for all hazards. Barton County currently has digital maps and needs to maintain them for continued use. Continue to provide training, software and hardware for GIS department as well as all county departments to aid with tasks and emergency response.	All Hazards	Emergency Manager	High	1,2,4	\$5,000 - \$50,000	Local, State, Federal	12/31/2020	New
Barton County-26	Develop a program for supporting vulnerable populations, including elderly, disabled, low-income, and English as second language populations during emergency events. Need to form committee, including Public Health, Emergency Management, Social Service agencies, and schools, to meet and discuss the identification of populations and develop	All Hazards	Emergency Manager	High	2,4	Staff Time	Local, State, Federal	Continuous	New
Barton County-27	Purchase and implement an alternative form of public warning and mass notification system, such as reverse 911 or a system similar to an audible or phone warning alert system and/or a mass text messaging system that provides a viable option to increase the safety of Barton County residents.	All Hazards	911 Director	High	1,2,3	\$50,000	Local, State, Federal	5 years	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Albert-1	Collect educational materials on individual and family preparedness/mitigation measures for property owners, and display at both the library and routinely visited jurisdictional offices. FEMA, the KDEM, the NWS and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	City Administrator	High	3	Staff To,e	Local	Continuous	On-going, no reportable progress made, Continuous
Albert-2	Host a public “hazards workshop” in combination with an established jurisdictional event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten the jurisdiction, and the mitigation and preparedness measures available to protect them. Guest speakers from the NWS, the KDEM, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as FIRMs, FEMA publications, safety tips, etc.	All Hazards	City Administrator	Medium	3	\$500 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous
Albert-3	Construct and encourage the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	All Hazards	City Administrator	High	1,2	Unknown	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Albert-4	<p>Prepare and adopt an Outdoor Warning Sirens Plan for the county, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations. Some communities and rural areas of the county have older warning systems or none at all. To better serve the citizens of Barton County a study should be conducted to evaluate measures to be taken to improve overall emergency warning services.</p>	All Hazards	City Administrator	High	1,2	Unknown	Local	On-going, no reportable progress made	On-going, no reportable progress made
Albert-5	Educate residents about driving in winter storms and handling winter-related health effects. The USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	All Hazards	City Administrator	High	3	Staff Time	State, Federal	Continuous	On-going, no reportable progress made, Continuous
Albert-6	<p>Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. The jurisdiction is basically an agricultural community. An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.</p>	Terrorism/ Agri-Terrorism	City Administrator	Medium	3	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Albert-7	Coordinate mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	City Administrat or	Medium	4	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Albert-8	Develop and implement a wildfire prevention / education program. In addition to providing education to the general public, the program should also target children, fire and equipment users, builders and developers, and homeowners. Jurisdictions have burn-ban resolutions which require special permission to conduct open burning operations. In periods of drought or extreme weather conditions a burn ban may be declared. When a ban is declared radio stations, TV stations, and newspapers in the area are notified as well as mayors, fire chiefs, etc. To better educate the public at large, each Jurisdiction should expand their existing fire protection program to include wildfire workshops to all age groups and commercial operations.	Wildfire	City Administrat or	Medium	3	500 per workshop	Local, State	Continuous	On-going, no reportable progress made, Continuous
Albert-9	Assess flood prone areas and recommend flood reduction measures to city planners. Flood zone mapping has provided initial identification of potential hazard areas that can be reviewed with other data sources, such as the watershed districts goals and objectives, in developing long range planning activities for flood prevention, or other planning steps to reduce exposure to this hazard.	Flood	City Administrat or	Medium	1,2	Staff Time	Local	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Clafflin-1	The City is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	Flood	City Administrator	High	1,2	None	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Clafflin-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	Flood	City Administrator	High	3	None	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Clafflin-3	Collect educational materials on individual and family preparedness/mitigation measures for property owners, and display at both the library and routinely visited jurisdictional offices. FEMA, the KDEM, the NWS and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	City Administrator	High	3	None	Local	Continuous	On-going, no reportable progress made, Continuous
Clafflin-4	Host a public “hazards workshop” in combination with an established jurisdictional event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten the jurisdiction, and the mitigation and preparedness measures available to protect them. Guest speakers from the NWS, the KDEM, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as FIRMs, FEMA publications, safety tips, etc.	All Hazards	City Administrator	Medium	3	\$500 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous
Clafflin-5	Seek funding and construct safe rooms for the residents of Clafflin. Currently the city does not have a safe room.	Tornado, Windstorm	City Clerk	High	1,2	\$250,000	Local, State, Federal	1 - 2 years	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Claffin-6	<p>Prepare and adopt an Outdoor Warning Sirens Plan for the county, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations. Some communities and rural areas of the county have older warning systems or none at all. To better serve the citizens of Barton County a study should be conducted to evaluate measures to be taken to improve overall emergency warning services.</p>	All Hazards	City Administrator	High	1,2	\$60,000	Local	On-going, no reportable progress made	On-going, no reportable progress made
Claffin-7	<p>Educate residents about driving in winter storms and handling winter-related health effects. The USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.</p>	All Hazards	City Administrator	High	3	Staff Time	State, Federal	Continuous	On-going, no reportable progress made, Continuous
Claffin-8	<p>Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. The jurisdiction is basically an agricultural community. An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.</p>	Terrorism/ Agri-Terrorism	City Administrator	Medium	3	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Clafin-9	Coordinate mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	City Administrat or	Medium	4	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Clafin-10	Develop and implement a wildfire prevention / education program. In addition to providing education to the general public, the program should also target children, fire and equipment users, builders and developers, and homeowners. Jurisdictions have burn-ban resolutions which require special permission to conduct open burning operations. In periods of drought or extreme weather conditions a burn ban may be declared. When a ban is declared radio stations, TV stations, and newspapers in the area are notified as well as mayors, fire chiefs, etc. To better educate the public at large, each Jurisdiction should expand their existing fire protection program to include wildfire workshops to all age groups and commercial operations.	Wildfire	Fire Chief	Medium	3	Staff Time	Local, State	Continuous	On-going, no reportable progress made, Continuous
Clafin-11	Assess flood prone areas and recommend flood reduction measures to city planners. Flood zone mapping has provided initial identification of potential hazard areas that can be reviewed with other data sources, such as the watershed districts goals and objectives, in developing long range planning activities for flood prevention, or other planning steps to reduce exposure to this hazard.	Flood	City Administrat or	Medium	1,2	Staff Time	Local	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Claflin-12	Acquire and install emergency generator for shelter. Currently there is no generator for emergency situations. Would like to acquire and install a permanently mounted emergency generator for the city community center.	Tornado, Utility/ Infrastructure Failure, Windstorm, Winter Storm	City Clerk	High	1,2	\$5,000	Local, State, Federal	1 year	New
Claflin-13	Repair existing tornado warning sirens. They are old and need to also add new ones. Would like to purchase 1 or 2 new sirens and replace existing sirens.	All Hazards	City Clerk	High	1,2	\$8,000	Local, State, Federal	2 - 3 years	New
Claflin-14	Id methods of assistance for hazard mitigation plan. Will need financial assistance for completion of these projects. Would like to id and seek additional methods of financial and technical assistance for hazard mitigation projects.	All Hazards	City Clerk	Medium	1,2,3,4	\$3,000	Local, State, Federal	3 years	new
Claflin-15	Replace water lines that may be damaged.	Utility/ Infrastructure Failure	City Clerk	Low	1,2	\$100,000	Local, State, Federal	3 years	New
Ellinwood-1	The City is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	Flood	City Administrator	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Ellinwood-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	Flood	City Administrator	High	3	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Ellinwood-3	Collect educational materials on individual and family preparedness/mitigation measures for property owners, and display at both the library and routinely visited jurisdictional offices. FEMA, the KDEM, the NWS and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	City Administrator	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Ellinwood-4	Host a public “hazards workshop” in combination with an established jurisdictional event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten the jurisdiction, and the mitigation and preparedness measures available to protect them. Guest speakers from the NWS, the KDEM, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as FIRMs, FEMA publications, safety tips, etc.	All Hazards	City Administrator	Medium	3	\$500 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous
Ellinwood-5	Encourage the construction and building of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	All Hazards	City Administrator	High	1,2	\$500,000	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Ellinwood-6	Seek funding to procure and install new warning sirens in the city.	All Hazards	City Administrator	High	1,2	\$60,000	Local	On-going, no reportable progress made	On-going, no reportable progress made
Ellinwood-7	Educate residents about driving in winter storms and handling winter-related health effects. The USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	All Hazards	City Administrator	High	3	Staff time	State, Federal	Continuous	On-going, no reportable progress made, Continuous
Ellinwood-8	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. The jurisdiction is basically an agricultural community. An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism	City Administrator	Medium	3	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Ellinwood-9	Coordinate mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	City Administrator	Medium	4	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Ellinwood-10	Develop and implement a wildfire prevention / education program. In addition to providing education to the general public, the program should also target children, fire and equipment users, builders and developers, and homeowners. Jurisdictions have burn-ban resolutions which require special permission to conduct open burning operations. In periods of drought or extreme weather conditions a burn ban may be declared. When a ban is declared radio stations, TV stations, and newspapers in the area are notified as well as mayors, fire chiefs, etc. To better educate the public at large, each Jurisdiction should expand their existing fire protection program to include wildfire workshops to all age groups and commercial operations.	Wildfire	City Administrator	Medium	3	Staff Time	Local, State	Continuous	On-going, no reportable progress made, Continuous
Ellinwood-11	Evaluate and continue to test tornado and fire sirens, including emergency generators and stormwater pumps on a routine basis to ensure operability. Seek grant funding to maintain, upgrade, and install systems on an as-needed basis. Reduce the possibility of damages and loss of life to the citizens by upgrading the early warning systems for the Jurisdiction.	All Hazards	City Administrator	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Ellinwood-12	The City of Ellinwood will initiate a maintenance and replacement program for sewer system upgrades and manholes as part of stormwater management. Stormwater drainage is critical to reducing drainage problems, and address solutions through detention, retention, and drainage system maintenance among other specific mitigation measures.	Flood	City Administrator	Medium	1,2	\$300,000	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Ellinwood-13	Identify flood prone areas to consider flood reduction measures to city planners. Enhancement to existing flood maps can provide initial identification of potential hazard areas that can be reviewed with other data sources, such as the watershed districts goals and objectives, in developing long range planning activities for flash-flood prevention, or other planning steps to reduce exposure to this hazard.	Flood	City Administrator	High	1,2	Staff Time	Local	12/31/2015	On-going, no reportable progress made
Ellinwood-14	Develop a program to acquire and preserve parcels of land subject to repetitive flooding from willing and voluntary property owners. Land acquisition is an effective mitigation technique to permanently eliminate the potential for damages from future flood events. Ellinwood has not applied for or received grant funding to acquire floodprone parcels of land in the past, but is willing to work with FEMA to assist with this process.	Flood	City Administrator	Low	1,2	Dependent on number of properties.	Local, State, Federal	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Ellinwood-15	Continue the evaluation of the jurisdiction's emergency response services to identify future needs or shortfalls in terms of personnel, equipment or required resources. The Ellinwood EMS and fire departments are among the highest rated in the state and the department heads of each continually test all equipment, replace equipment and inventory as needed, and educate themselves and staff on advances in the field. Currently, the city's emergency services are adequate to protect public health and safety from most probable hazard events, but diligence should be taken to maintain high level services in the future.	All Hazards	City Administrator	Medium	1,2	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Ellinwood-16	Review existing public shelters and recommend new locations if and where there are coverage gaps. Include provisions for special needs populations in shelter expansion and improvement plans. The city of Ellinwood has entered into a joint agreement with the school district for the school certified tornado shelter to be used by citizens. A committee of volunteers mans the facility. It is important to continue to review and search for alternative shelters for the citizens of Ellinwood, and maintain awareness for special needs in times of emergencies.	All Hazards	City Administrator	Low	1,2	Unknown	Local	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Ellinwood-17	Continue to incorporate the inspection and management of trees that may pose a threat to the city's routine maintenance system process. A significant amount of property damage during tornado and high wind events results from tree failure. Trees that fall into utility lines have additional serious consequences such as causing power outages, surges, fires and other damage. The jurisdiction's ability to recognize and prevent hazardous tree conditions (through inspection, pruning or removal) is the best defense against problems and costly damages resulting from tree failure. Specifically, trees located on jurisdictional property, which pose immediate threats to property, utility lines and other critical facilities should be addressed.	All Hazards	City Administrator	Medium	1,2	\$5,000	Local	12/31/2015	On-going, no reportable progress made
Ellinwood-18	Establish a local reserve fund for repairing and/or incorporating hazard mitigation measures for public facilities and infrastructure damaged by natural hazards including preventative programs designed to reduce exposure to severe weather events. Not all hazard events will receive disaster declarations by the State or Federal governments, limiting the amount of post-disaster assistance for local governments for certain events. Further, State and Federal disaster assistance programs could likely require local matching funds of up to 25%. A local reserve fund should ensure the jurisdiction is prepared to quickly recover/rebuild from hazard events and maximize possible funding opportunities. Additionally, programs such as snow removal and response to heavy rain should be included in this funding program.	All Hazards	City Administrator	Low	1,2,3,4	Staff Time	Local	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Ellinwood-19	Research and install a lift station in conjunction with the sewer maintenance program. Storm drainage may be enhanced with additional capability to move large quantities of water during heavy rain events. The city will consider conducting an engineering study and seeking funds to purchase and install a lift station.	Flood	City Administrator	High	1,2	\$1,000,000	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Galatia-1	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	Flood	City Administrator	High	1,2,3	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Galatia-2	Collect educational materials on individual and family preparedness/mitigation measures for property owners, and display at both the library and routinely visited jurisdictional offices. FEMA, the KDEM, the NWS and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	City Administrator	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Galatia-3	Host a public "hazards workshop" in combination with an established jurisdictional event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten the jurisdiction, and the mitigation and preparedness measures available to protect them. Guest speakers from the NWS, the KDEM, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as FIRMs, FEMA publications, safety tips, etc.	All Hazards	City Administrator	Medium	3	\$500 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Galatia-4	Encourage and construct safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	All Hazards	City Administrator	High	1,2	\$300,000	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Galatia-5	Seek funding to procure and install new warning sirens	All Hazards	City Administrator	High	1,2	\$60,000	Local	On-going, no reportable progress made	On-going, no reportable progress made
Galatia-6	Educate residents about driving in winter storms and handling winter-related health effects. The USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	All Hazards	City Administrator	High	3	Staff Time	State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Galatia-7	<p>Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. The jurisdiction is basically an agricultural community.</p> <p>An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.</p>	Terrorism/ Agri-Terrorism	City Administrator	Medium	3	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Galatia-8	<p>Coordinate mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.</p>	Utility/ Infrastructure Failure	City Administrator	Medium	4	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Galatia-9	Develop and implement a wildfire prevention / education program. In addition to providing education to the general public, the program should also target children, fire and equipment users, builders and developers, and homeowners. Jurisdictions have burn-ban resolutions which require special permission to conduct open burning operations. In periods of drought or extreme weather conditions a burn ban may be declared. When a ban is declared radio stations, TV stations, and newspapers in the area are notified as well as mayors, fire chiefs, etc. To better educate the public at large, each Jurisdiction should expand their existing fire protection program to include wildfire workshops to all age groups and commercial operations.	Wildfire	Fire Chief	Medium	4	\$500 per workshop	Local, State	Continuous	On-going, no reportable progress made, Continuous
Galatia-10	Research and pursue funding for the purchase and installation of alternative forms of a public warning mass notification system.	All Hazards	City Administrator	High	1,2,3	\$60,000	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Great Bend-1	The City is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	Flood	City Administrator	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Great Bend-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	Flood	City Administrator	High	3	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Great Bend-3	Collect educational materials on individual and family preparedness/mitigation measures for property owners, and display at both the library and routinely visited jurisdictional offices. FEMA, the KDEM, the NWS and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	City Administrator	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Great Bend-4	Host a public “hazards workshop” in combination with an established jurisdictional event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten the jurisdiction, and the mitigation and preparedness measures available to protect them. Guest speakers from the NWS, the KDEM, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as FIRMs, FEMA publications, safety tips, etc.	All Hazards	City Administrator	Medium	3	\$300 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous
Great Bend-5	Encourage and construct safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	All Hazards	City Administrator	High	1,2	\$300,000	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Great Bend-6	Seek funding to procure and install new warning sirens in accordance with the plan recommendations.	All Hazards	City Administrator	High	1,2	\$60,000	Local	On-going, no reportable progress made	On-going, no reportable progress made
Great Bend-7	Educate residents about driving in winter storms and handling winter-related health effects. The USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	All Hazards	City Administrator	High	3	Staff Time	State, Federal	Continuous	On-going, no reportable progress made, Continuous
Great Bend-8	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. The jurisdiction is basically an agricultural community. An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism	City Administrator	Medium	3	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Great Bend-9	Coordinate mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/Infrastructure Failure	City Administrator	Medium	4	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Great Bend-10	Develop and implement a wildfire prevention / education program. In addition to providing education to the general public, the program should also target children, fire and equipment users, builders and developers, and homeowners. Jurisdictions have burn-ban resolutions which require special permission to conduct open burning operations. In periods of drought or extreme weather conditions a burn ban may be declared. When a ban is declared radio stations, TV stations, and newspapers in the area are notified as well as mayors, fire chiefs, etc. To better educate the public at large, each Jurisdiction should expand their existing fire protection program to include wildfire workshops to all age groups and commercial operations.	Wildfire	Fire Chief	Medium	3	Staff Time	Local, State	Continuous	On-going, no reportable progress made, Continuous
Great Bend-11	Assess flood prone areas and recommend flood reduction measures to city planners. Flood zone mapping has provided initial identification of potential hazard areas that can be reviewed with other data sources, such as the watershed districts goals and objectives, in developing long range planning activities for flood prevention, or other planning steps to reduce exposure to this hazard.	Flood	City Administrator	Medium	1,2	Dependent on findings	Local	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Great Bend-12	Continue routine outdoor storm warning siren testing to enhance citizen awareness. The tornado warning siren tests run every Tuesday at Noon to ensure that they are functioning properly and to increase citizens' awareness of the sirens.	Tornado, Windstorm	City Administrator	Medium	1,2,3,4	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Great Bend-13	Continue to review and update the city's Stormwater Management Plan and Drainage Permit on an annual basis. The city annually updates the information for its stormwater plan and drainage permit to ensure that these systems are functioning and can facilitate any changes that may have occurred.	Flood	City Administrator	High	1,2	Staff Time	Local	12/31/2015	On-going, no reportable progress made
Great Bend-14	Complete the current sewer reconstruction project. This project is designed to facilitate better drainage in the city to prevent flash flooding in the streets, storm drains, and water-bodies within or near the city limits.	Flood, utility/infrastructure failure	City Administrator	High	1,2	\$1,000,000	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Great Bend-15	Conduct an inventory/survey for the jurisdiction's emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources. The city needs to continuously monitor/inventory its existing emergency equipment, services and capabilities to ensure they are in good working order and have not become outdated or obsolete. Special attention should be given to staying informed and aware of the most current technological innovations and implementing such when justified and economically feasible.	All Hazards	Fire Chief	Medium	1,2	Staff Time	Local, State, Federal	12/31/2020	Updated
Great Bend-16	Continue the weekly test of the backup generator at the City EOC. To ensure that the city EOC has electricity during emergency, the city performs a generator test every Friday at noon.	Utility/Infrastructure Failure	City Administrator	High	1,2,3,4	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Great Bend-17	The city of Great Bend will maintain the city levee system in accordance with current operations and maintenance programs. The city of Great Bend completed levee certification in 2009 and will maintain the program as such for compliance for flood protection for the city.	Dam and Levee Failure	City Administrator	High	1,2	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Great Bend-18	Investigate development of a logistics staging center for the city of Great Bend. Developing a permanent facility to receive, store, ship, and recover disaster commodities and equipment during emergencies or diasaters will enhance local response capabilities for the citizens of Great Bend.	All Hazards	City Administrator	Medium	1,2	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Great Bend-19	Potential agricultural terrorism. The area is basically an agricultural community. An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and county. The county formed a FAD committee to address the concerns. Specific education programs should be developed in coordination with the KS Animal Health Department to inform ranchers, farmers, and vets on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism	Fire Chief	Medium	3	\$5,000	Local, State, Federal	Continuous	New
Hoisington-1	The City is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	Flood	City Manager	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hoisington-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	Flood	City Manager	High	3	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Hoisington-3	Collect educational materials on individual and family preparedness/mitigation measures for property owners, and display at both the library and routinely visited jurisdictional offices. FEMA, the KDEM, the NWS and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	City Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Hoisington-4	Host a public “hazards workshop” in combination with an established jurisdictional event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten the jurisdiction, and the mitigation and preparedness measures available to protect them. Guest speakers from the NWS, the KDEM, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as FIRMs, FEMA publications, safety tips, etc.	All Hazards	City Manager	Medium	3	\$500 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous
Hoisington-5	Encourage the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities, and underserved portions of our community. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	All Hazards	City Manager	High	1,2	\$1,000,000	Local, State, Federal	Continuous	Updated

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hoisington-6	Warning Sirens Plan and Project - Prepare and adopt an Outdoor Warning Sirens Plan for the county, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations. We would also like to replace and update tornado sirens as with age, existing sirens are beginning to malfunction. Some communities and rural areas of the county have older warning systems or none at all. To better serve the citizens of Barton County a study should be conducted to evaluate measures to be taken to improve overall emergency warning services.	All Hazards	City Manager	High	1,2	\$75,000 - \$100,000	Local, State, Federal	On-going, no reportable progress made	Updated
Hoisington-7	Educate residents about driving in winter storms and handling winter-related health effects. The USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	All Hazards	City Manager	High	3	Staff Time	State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hoisington-8	<p>Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. The jurisdiction is basically an agricultural community.</p> <p>An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.</p>	Terrorism/ Agri-Terrorism	City Manager	Medium	3	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Hoisington-9	<p>Coordinate mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.</p>	Utility/Infrastructure Failure	City Manager	Medium	4	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hoisington-10	Develop and implement a wildfire prevention / education program. In addition to providing education to the general public, the program should also target children, fire and equipment users, builders and developers, and homeowners. Jurisdictions have burn-ban resolutions which require special permission to conduct open burning operations. In periods of drought or extreme weather conditions a burn ban may be declared. When a ban is declared radio stations, TV stations, and newspapers in the area are notified as well as mayors, fire chiefs, etc. To better educate the public at large, each Jurisdiction should expand their existing fire protection program to include wildfire workshops to all age groups and commercial operations.	Wildfire	Fire Chief	Medium	3	Staff Time	Local, State	Continuous	On-going, no reportable progress made, Continuous
Hoisington-11	Assess flood prone areas and recommend flood reduction measures to city planners. Flood zone mapping has provided initial identification of potential hazard areas that can be reviewed with other data sources, such as the watershed districts goals and objectives, in developing long range planning activities for flood prevention, or other planning steps to reduce exposure to this hazard.	Flood	City Manager	Medium	1,2	None	Local	12/31/2015	On-going, no reportable progress made
Hoisington-12	Continue routine outdoor storm warning siren testing to enhance citizen awareness. The tornado warning siren tests run every Tuesday at Noon to ensure that they are functioning properly and to increase citizens' awareness of the sirens. The tornado warning siren tests run every Tuesday at Noon to ensure that they are functioning properly and to increase citizens' awareness of the sirens.	Tornado, Windstorm	City Manager	Medium	1,2	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hoisington-13	Complete a storm sewer modernization and expansion project for Hoisington. This project is designed to facilitate better drainage in the city to prevent flash flooding in the streets, storm drains, and other public rights of way within or near the corporate boundaries of Hoisington.	Flood	City Manager	High	1,2	\$250,000	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Hoisington-14	Conduct an inventory/survey for the jurisdiction's emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources. The city needs to continuously monitor/inventory its existing emergency equipment, services and capabilities to ensure they are in good working order and have not become outdated or obsolete. Special attention should be given to staying informed and aware of the most current technological innovations and implementing such when justified and economically feasible.	All Hazards	City Manager	Medium	1,2,3,4	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Hoisington-15	Flood Mitigation Project. Local development is being severely hindered due to floodplain designations and flood hazards. Research and implement a plan to place flood detention facilities on the north end of town. These ponds may help to mitigate flood risks for all residents and also help create development opportunities.	Flood	City Manager	High	1,2	\$100,000 - \$1,000,000 for plan and implementation	Local, State, Federal	5 - 10 years	New
Olmitz-1	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	Flood	City Manager	High	3	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Olmitz-2	Collect educational materials on individual and family preparedness/mitigation measures for property owners, and display at both the library and routinely visited jurisdictional offices. FEMA, the KDEM, the NWS and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	City Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Olmitz-3	Host a public “hazards workshop” in combination with an established jurisdictional event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten the jurisdiction, and the mitigation and preparedness measures available to protect them. Guest speakers from the NWS, the KDEM, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as FIRMs, FEMA publications, safety tips, etc.	All Hazards	City Manager	Medium	3	\$250 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous
Olmitz-4	Encourage and construct safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	All Hazards	City Manager	High	1,2	\$300,000	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Olmitz-5	Seek funding to procure and install new warning sirens.	All Hazards	City Manager	High	1,2	Staff Time	Local	On-going, no reportable progress made	On-going, no reportable progress made
Olmitz-6	Educate residents about driving in winter storms and handling winter-related health effects. The USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	All Hazards	City Manager	High	3	Staff Time	State, Federal	Continuous	On-going, no reportable progress made, Continuous
Olmitz-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. The jurisdiction is basically an agricultural community. An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism	City Manager	Medium	3	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Olmitz-8	Coordinate mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/Infrastructure Failure	City Manager	Medium	4	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Olmitz-9	Develop and implement a wildfire prevention / education program. In addition to providing education to the general public, the program should also target children, fire and equipment users, builders and developers, and homeowners. Jurisdictions have burn-ban resolutions which require special permission to conduct open burning operations. In periods of drought or extreme weather conditions a burn ban may be declared. When a ban is declared radio stations, TV stations, and newspapers in the area are notified as well as mayors, fire chiefs, etc. To better educate the public at large, each Jurisdiction should expand their existing fire protection program to include wildfire workshops to all ages and commercial operation.	Wildfire	Fire Chief	Medium	4	Staff Time	Local, State	Continuous	On-going, no reportable progress made, Continuous
Olmitz-10	Research and pursue funding for the purchase and installation of alternative forms of a public warning mass notification system.	All Hazards	City Manager	High	1,2	\$50,000	Local, State, Federal	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
PawneeRock-1	The City is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	Flood	City Manager	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
PawneeRock-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	Flood	City Manager	High	3	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
PawneeRock-3	Collect educational materials on individual and family preparedness/mitigation measures for property owners, and display at both the library and routinely visited jurisdictional offices. FEMA, the KDEM, the NWS and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	City Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
PawneeRock-4	Host a public “hazards workshop” in combination with an established jurisdictional event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten the jurisdiction, and the mitigation and preparedness measures available to protect them. Guest speakers from the NWS, the KDEM, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as FIRMs, FEMA publications, safety tips, etc.	All Hazards	City Manager	Medium	3	\$300 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
PawneeRock-5	Encourage and construct safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	All Hazards	City Manager	High	1,2	\$300,000	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
PawneeRock-6	Seek funding to purchase and install new warning sirens.	All Hazards	City Manager	High	1,2	\$45,000	Local	On-going, no reportable progress made	On-going, no reportable progress made
PawneeRock-7	Educate residents about driving in winter storms and handling winter-related health effects. The USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	All Hazards	City Manager	High	3	Staff Time	State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
PawneeRock-8	<p>Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. The jurisdiction is basically an agricultural community.</p> <p>An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.</p>	Terrorism/ Agri-Terrorism	City Manager	Medium	3	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made
PawneeRock-9	<p>Coordinate mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.</p>	Utility/Infrastructure Failure	City Manager	Medium	4	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
PawneeRock-10	Develop and implement a wildfire prevention / education program. In addition to providing education to the general public, the program should also target children, fire and equipment users, builders and developers, and homeowners. Jurisdictions have burn-ban resolutions which require special permission to conduct open burning operations. In periods of drought or extreme weather conditions a burn ban may be declared. When a ban is declared radio stations, TV stations, and newspapers in the area are notified as well as mayors, fire chiefs, etc. To better educate the public at large, each Jurisdiction should expand their existing fire protection program to include wildfire workshops to all age groups and commercial operations.	Wildfire	Fire Chief	Medium	3	Staff Time	Local, State	Continuous	On-going, no reportable progress made, Continuous
PawneeRock-11	Assess flood prone areas and recommend flood reduction measures to city planners. Flood zone mapping has provided initial identification of potential hazard areas that can be reviewed with other data sources, such as the watershed districts goals and objectives, in developing long range planning activities for flood prevention, or other planning steps to reduce exposure to this hazard.	Flood	City Manager	Medium	Dependent on findings	None	Local	12/31/2015	On-going, no reportable progress made
Susank-1	The City is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	Flood	City Manager	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Susank-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	Flood	City Manager	High	3	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Susank-3	Collect educational materials on individual and family preparedness/mitigation measures for property owners, and display at both the library and routinely visited jurisdictional offices. FEMA, the KDEM, the NWS and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	City Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Susank-4	Host a public “hazards workshop” in combination with an established jurisdictional event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten the jurisdiction, and the mitigation and preparedness measures available to protect them. Guest speakers from the NWS, the KDEM, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as FIRMs, FEMA publications, safety tips, etc.	All Hazards	City Manager	Medium	3	\$250 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous
Susank-5	Encourage and construct of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	All Hazards	City Manager	High	1,2	\$300,000	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Susank-6	Seek funding to purchase and install new warning sirens.	All Hazards	City Manager	High	1,2	\$60,000	Local	On-going, no reportable progress made	On-going, no reportable progress made
Susank-7	Educate residents about driving in winter storms and handling winter-related health effects. The USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	All Hazards	City Manager	High	3	Staff Time	State, Federal	Continuous	On-going, no reportable progress made, Continuous
Susank-8	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. The jurisdiction is basically an agricultural community. An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism	City Manager	Medium	3	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Susank-9	Coordinate mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/Infrastructure Failure	City Manager	Medium	4	Staff Time	Local, State, Federal	12/31/2015	On-going, no reportable progress made
Susank-10	Develop and implement a wildfire prevention / education program. In addition to providing education to the general public, the program should also target children, fire and equipment users, builders and developers, and homeowners. Jurisdictions have burn-ban resolutions which require special permission to conduct open burning operations. In periods of drought or extreme weather conditions a burn ban may be declared. When a ban is declared radio stations, TV stations, and newspapers in the area are notified as well as mayors, fire chiefs, etc. To better educate the public at large, each Jurisdiction should expand their existing fire protection program to include wildfire workshops to all age groups and commercial operations.	Wildfire	Fire Chief	Medium	3	Staff Time	Local, State	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Susank-11	Assess flood prone areas and recommend flood reduction measures to city planners. Flood zone mapping has provided initial identification of potential hazard areas that can be reviewed with other data sources, such as the watershed districts goals and objectives, in developing long range planning activities for flood prevention, or other planning steps to reduce exposure to this hazard.	Flood	City Manager	Medium	1,2	Dependent on findings	Local	12/31/2015	On-going, no reportable progress made
Barton County Community College-1	Develop and implement an emergency notification system for campus facilities. Barton County Community College has identified a need to enhance the institution's ability to issue early warnings for students and staff for weather events or campus emergencies in an effective, dependable, and rapid manner.	All Hazards	President	Medium	1,2	\$50,000	Local, State, Federal	12/31/2015	On-going, no reportable progress made
USD#112-1	Research the possibility of developing and funding mitigation projects for the construction of tornado safe rooms for USD 112 schools. Schools are particularly vulnerable to potential damage from tornadoes and high winds. Students, faculty, and staff should seek safe shelter when a tornado threatens. Tornado safe rooms should be constructed in schools to provide a safe place for students to go during a tornado event. Safe rooms may be funded by FEMA during new school construction, as part of school additions, or as retrofits.	Tornado, Windstorm	Superintendent	Medium	1,2	\$1,000,000	Federal	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD#355-1	Consider developing and funding mitigation projects for the construction of tornado safe rooms in the USD 355 district schools. Schools are particularly vulnerable to potential damage from tornadoes and high winds. Students, faculty, and staff should seek safe shelter when a tornado threatens. FEMA approved tornado safe rooms should be constructed in schools to provide a safe place for students to go during a tornado event. Safe rooms may be funded by FEMA during new school construction, as part of school additions, or as retrofits. The Ellinwood Grade School Band Room is currently used a shelter, however the building may need additional safety space and the Ellinwood Middle School / High School may need a safe room additionally.	Tornado, Windstorm	Superintendent	Medium	1,2	\$1,000,000	Local, State, Federal	12/31/2015	On-going, no reportable progress made
USD#355-2	Seek funding to retain a professional to review and update the school's security plan for domestic violence, building security, and contagious disease response. As domestic acts of terrorism are becoming more of reality many officials believe that the next wave of terrorist acts might be aimed at public school systems. Although these events are impossible to predict with great accuracy, updating security plans and emergency plans can prepare school districts such as USD 355 for these events. Companies such as the National School Safety and Security Services provide the expertise in this field to help review and upgrade plans for the district.	Civil Disorder, Terrorism/ Agri-Terrorism	Superintendent	Low	1,2	\$50,000	Local, State, Federal	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD#355-3	Develop and fund mitigation projects to purchase and install backup generators for USD 355 facilities. Natural hazards generally create the greatest risk of power loss to the town of Ellinwood and the school district. Heavy snow and ice accumulation can often result in downed trees and power lines. During prolonged periods of power loss it is paramount for the community to have access to critical facilities with electrical power.	Utility/Infrastructure Failure	Superintendent	Low	1,2	\$60,000	Local, State, Federal	12/31/2015	On-going, no reportable progress made
USD#428-1	Research and construct safe rooms in USD 428 buildings. Schools are particularly vulnerable to potential damage from tornadoes and high winds. Students, faculty, and staff should seek safe shelter when a tornado threatens. Tornado safe rooms should be constructed in schools to provide a safe place for students to go during a tornado event. Safe rooms may be funded by FEMA during new school construction, as part of school additions, or as retrofits.	Tornado, Windstorm	Superintendent	Low	1,2	\$350,000	Federal	12/31/2015	On-going, no reportable progress made
USD#431-1	Develop and fund a mitigation projects for the construction of a tornado safe rooms in the USD431 buildings. Schools are particularly vulnerable to potential damage from tornadoes and high winds. Students, faculty, and staff should seek safe shelter when a tornado threatens. Tornado safe rooms should be constructed in schools to provide a safe place for students to go during a tornado event. Safe rooms may be funded by FEMA during new school construction, as part of school additions, or as retrofits. Would also like to provide a safe room in all new construction in the district.	Tornado, Windstorm	Superintendent	Medium	1,2	\$1,000,000	Local, State, Federal	12/31/2020	Updated

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Arkansas Valley REC-1	Replace damaged copperweld conductor with equivalent but not less than 2 ACSR conductor. Copperweld conductor is no longer readily available and the cost of copper has risen to where it is no longer economically feasible to use. Reconductor existing copper-weld lines with aluminum steel reinforced conductor and replace poles as needed.	Utility/ Infrastructure Failure	Director	High	1,2	\$400,000	Local, State, Federal	12/31/2020	New
Midwest Energy-1	ACSR Conductor. Replace damaged copperweld conductor with equivalent but not less than 2 ACSR conductor. Copperweld conductor is no longer readily available and the cost of copper has risen to where it is no longer economically feasible to use. Reconductor existing copper-weld lines with aluminum steel reinforced conductor and replace poles as needed.	Utility/ Infrastructure Failure	Director	High	1,2	\$1,000,000	Local, State, Federal	12/31/2020	New
Rolling Hills REC-1	ACSR Conductor. Replace damaged copperweld conductor with equivalent but not less than 2 ACSR conductor. Copperweld conductor is no longer readily available and the cost of copper has risen to where it is no longer economically feasible to use. Reconductor existing copper-weld lines with aluminum steel reinforced conductor and replace poles as needed.	Utility/ Infrastructure Failure	Director	High	1,2	\$1,000,000	Local, State, Federal	12/31/2020	New
Rolling Hills REC-2	Upgrade and Enhanced Power lines. Replacement of CWC single-phase line of enhanced design. The miles of line selected will meet several points of prioritization and evaluation and represent a small percentage of total CWC miles in the rural electric distribution system. Replacing the lines would significantly mitigate losses due to damages and greatly enhance reliability in the surrounding areas. The aged CWC construction has sustained much damage over the years and was not built to current and acceptable standards.	Utility / Infrastructure Failure	Director	High	1,2	\$2,000,000	HMGP, PDM, Local, Other Grants	4 years	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Post Rock Rural Water District #1-1	Replace existing waterlines in jeopardy of being damaged due to expansive soils.communication towers and SCADA controlled water towers.protection	Expansive Soil	Director	Medium	1,2	\$1,000,000	HMGP, PDM Grant, Local Budget, Grants	5 years	New
Post Rock Rural Water District #1-2	Acquire a permanent back-up generators for all Rural Water District No. 1 facilities.	Utility/ Infrastructure Failure	Director	Medium	1,2	\$250,000 each	HMGP, PDM Grant, Local Budget, Grants	5 years	New
Post Rock Rural Water District #1-3	Commision an Army Corps of Engineers action plan for all applicable dams.	Dam Failure	Director	Low	1,2	\$125,000	Federal Grants	5 years	New
Post Rock Rural Water District #1-4	Install lightening prevention measures to decrease the radio equipment damages caused by lightning.	Lightning	Director	Medium	1,2	\$7,000 per unit	HMGP, PDM Grant, Local Budget, Grants	5 years	New
Post Rock Rural Water District #1-5	Commision an Army Corps of Engineers action plan for all applicable dams.	Dam Failure	Director	Low	1,2	\$125,000	Federal Grants	5 years	New

5.6.3 COMANCHE COUNTY

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Comanche County-1	Install/Upgrade Siren Warning Systems.	Tornado	Emergency Manager	high	1,2	\$75,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Comanche County-2	Improve public awareness of hazard risks through education.	All Hazards	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Comanche County-3	Enforce burning regulations	Wildfire	Firechief	High	1,2,3,4	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Comanche County-4	Obtain more information on fog related accidents for future plan update	Fog	Emergency Manager	Medium	1,2	Staff Time	Local	Deleted, Not of planning significance	Deleted
Comanche County-5	Obtain more information on expansive soils for future plan updates.	Expansive Soils	Emergency Manager	Medium	1,2,4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Comanche County-6	Maintain list of storm shelters in the county (public and private)	Tornado	Emergency Manager	Medium	1,2,3,4	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Comanche County-7	Encourage businesses and citizens to use smoke detectors	Wildfire	Firechief	Medium	3	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Comanche County-8	Support/Conduct EMS and first responders training on a monthly basis	All Hazards	Emergency Manager	Medium	4	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Comanche County-9	Distribute weather radios to vulnerable populations.	All Hazards	Emergency Manager	High	1,2,3	\$5,000	Local	Continuous	On-going, no reportable progress made, Continuous
Comanche County-10	Maintain a list of people on oxygen and other special needs.	All Hazards	Emergency Manager	high	2	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Comanche County-11	Develop an evacuation plan.	Flood, Hazardous Materials, Radiological, Wildfire	Emergency Manager	High	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Comanche County-12	Develop a debris Management Plan.	Agriculture Infestation, Flood, Tornado, Windstorm, Winter Storm	Emergency Manager	High	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Comanche County-13	Develop/Update Emergency Response Plan	All Hazards	Emergency Manager	High	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Comanche County-14	Install/Upgrade Communications for Emergency Responders	All Hazards	Emergency Manager	High	1,2,4	\$20,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Comanche County-15	Establish back-up communications systems	All Hazards	Emergency Manager	High	4	\$10,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Coldwater-1	Install/Upgrade Siren Warning Systems.	Tornado	Mayor	High	1,2	\$60,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Coldwater-2	Improve public awareness of hazard risks through education	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Coldwater-3	Enforce Burning Regulations	Wildfire	Firechief	High	1,2,3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Coldwater-4	Purchase/Install backup generators for critical facilities	Utility/ Infrastructure Failure	Mayor	High	2	\$100,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Coldwater-5	FEMA approved Community Shelter	Tornado, Windstorm	Mayor	High	1,2	\$350,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Protection-1	Continue to comply with the NFIP regulations by enforcing floodplain management regulations	Flood	Mayor	High	1,2	Staff Time	NA	Continuous	On-going, no reportable progress made, Continuous
Protection-2	Install/Upgrade Siren Warning Systems.	Tornado	Mayor	High	1,2	\$60,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Protection-3	Improve public awareness of hazard risks through education	All Hazards	Mayor	High	3	Staff Time	NA	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Protection-4	Enforce burning regulations	Wildfire	Firechief	High	1,2,3	Staff Time	NA	Continuous	On-going, no reportable progress made, Continuous
Protection-5	Update disaster and recovery plan	All Hazards	Mayor	High	1,2	Staff Time	NA	12/31/2020	On-going, no reportable progress made
Protection-6	Update Mutual Aid Agreements	All Hazards	Mayor	High	1,2	Staff Time	NA	12/31/2020	On-going, no reportable progress made
Protection-7	Elevation or relocation of structures in flood vulnerable areas	Flood	Mayor	High	1,2	Pending number of structures that participate	Local, State, Federal	12/31/2030	On-going, no reportable progress made
Wilmore-1	Improve public awareness of hazard risks through education	All Hazards	Mayor	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Wilmore-2	Maintain list of storm shelters in the county (public and private)	Tornado	Mayor	High	1,2	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Wilmore-3	Encourage businesses and citizens to use smoke detectors	Wildfire	Firechief	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Wilmore-4	Support/Conduct EMS and first responders training on a monthly basis	All Hazards	Mayor	High	1,2	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Wilmore-5	Development an evacuation plan	Flood, Hazardous Materials, Radiological, Wildfire	Mayor	High	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Wilmore-6	Purchase and install new fire hydrants	Wildfire	Firechief	High	1,2	\$75,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Wilmore-7	Purchase/Install backup generators for critical facilities	Utility/ Infrastructure Failure	Mayor	High	1,2	\$100,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Wilmore-8	FEMA approved Community Shelter	Tornado, Windstorm	Mayor	High	1,2	\$350,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD#300-1	Improve public awareness of hazard risks through education	All Hazards	Superintendent	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
USD#300-2	Continue to conduct monthly fire drills at schools	Wildfire	Superintendent	High	1,2,3,4	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
USD#300-3	Continue to conduct monthly tornado drills 3 times per year at schools	Tornado	Superintendent	High	1,2,3,4	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
USD#300-4	Purchase/Install backup generator for FEMA approved safe rooms	Tornado, Windstorm, Utility/ Infrastructure Failure	Superintendent	High	1,2	\$50,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
USD#300-5	FEMA Approved safe room in each school building	Tornado, Windstorm	Superintendent	High	1,2	\$1,000,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
CMS Electric Cooperative-1	Comanche County Reconductor Project	Utility/ Infrastructure Failure, Winter Storms, Windstorms, Tornado	Director	High	1,2	Unknown	Local, State, Federal	12/31/2020	On-going, no reportable progress made

5.6.4 EDWARDS COUNTY

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Edwards County-1	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited government offices. FEMA, the KDEM, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Edwards County-2	Identify the county's most at-risk critical facilities, and evaluate potential mitigation techniques for protecting each facility to the maximum extent possible. A thorough evaluation of potential mitigation opportunities for Edwards County's critical facilities must still be completed. Currently, there is very little available data on these facilities. An inventory/database on critical facilities should be created and maintained by the county and shared with the KDEM. This inventory should include information on the location and risk to each facility, and should also document any cost-effective mitigation techniques to consider when funding becomes available.	All Hazards	Emergency Manager	Medium	2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Edwards County-3	Coordinate county and local government mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	Emergency Manager	High	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Edwards County-4	Annually host a public “hazards workshop” in combination with local festivals, fairs, or other appropriate events. A hazard workshop for county residents should be added to an established jurisdictional event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten the jurisdiction, and the mitigation and preparedness measures available to protect them. Guest speakers from the NWS, the KDEM, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	3	\$500 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous
Edwards County-5	Encourage the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Emergency Manager	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Edwards County-6	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Edwards County-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. Edwards County is basically an agricultural community. An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	Medium	3	Staff Time	Local, State, Federal	12/31/2020	On-going
Edwards County-8	Prepare and adopt an Outdoor Warning Sirens Plan for the county, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations. Some communities and rural areas of the county have older warning systems or none at all. To better serve the citizens of Edwards County a study should be conducted to evaluate measures to be taken to improve overall emergency warning services.	All Hazards	Emergency Manager	Medium	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Edwards County-9	Work with county and city leaders in developing standardized procedures for identifying shelters as pre-disaster tornado shelters and post-disaster shelters. Develop “Memorandums of Understanding” (MOUs) with facility owners. Updating and developing new shelter areas are important to securing safe and secure shelter when severe weather threatens.	Tornado, Windstorm	Emergency Manager	High	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Edwards County-10	The County and local government will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Flood	Emergency Manager	Medium	4	Staff Time	Local, State	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Edwards County-11	Develop cross-departmental information collection capabilities, and incorporate (building/parcel) data utilizing a Geographic Information System (GIS) for purposes of conducting more detailed hazard risk assessments and for tracking permitting / land use patterns, buildings and infrastructure replacement costs, and overall structural accounting for the Jurisdiction. A comprehensive catalog of data can greatly enhance the Jurisdiction's technical capability to manage, analyze and display spatially referenced data. Jurisdiction has basic GIS capabilities available through the Appraiser's Department. Further development of this capability for functional use across all departments will enhance the county's overall capabilities to document building/structure cost data, and further hazard mitigation goals in developing data for the county.	All Hazards	Planner, Appraiser, GIS	Medium	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Edwards County-12	Conduct an inventory/survey for the county's emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources. A survey should be completed in order to verify the county's current emergency services are adequate to protect public health and safety from most probable hazard events. Any identified needs or shortfalls should become documented and result in specific recommendations to the County Commission for emergency service enhancements.	All Hazards	Emergency Manager	High	1,2,3,4	Staff Time	Local, State	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Edwards County-13	Research and recommend an ordinance/resolution to require installation of tornado shelters for major manufactured and/or mobile home parks with more than 10 mobile home spaces. Mobile homes are particularly vulnerable to damage from high winds. Residents, even those who live in mobile homes with tie-downs, should seek safe shelter when a tornado threatens. Tornado shelters should be constructed in major mobile home parks to ensure a safe place for residents to go during a tornado event. The shelter structure, which should be designed to withstand a minimum of 120mph winds, could easily serve an alternate purpose such as a community center, laundry facility, etc. Tornado shelters should be for last minute protection for high wind events.	Tornado, Windstorm	Planner	High	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Edwards County-14	Develop and implement a wildfire prevention/education program. In addition to providing education to the general public, the program should also target children, fire and equipment users, builders and developers, and homeowners. Edwards County has burn-ban resolutions which require special permission to conduct open burning operations. In periods of drought or extreme weather conditions a burn ban may be declared. When a ban is declared all radio stations, TV stations, and regional newspapers in the area are notified as well as mayors, fire chiefs, etc. To better educate the public at large, Edwards County should expand their existing fire protection program to include wildfire workshops to all age groups and commercial operations.	Wildfire	Fire Chief	Medium	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Edwards County-15	Examine the current agreements within the county and assess the need to expand or update cooperative agreements for firefighting resources. Include agreements with local, state and federal agencies. Cooperative agreements provide the support needed in times of emergency, and are an important element of planning, with the long-range goal of reducing damage to structures and systems within the jurisdiction.	Wildfire	Fire Chief	High	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Edwards County-16	Create a working group to evaluate the firefighting water supply resources within the County. This should include both fixed and mobile supply issues. Lack of sufficient water supply makes it difficult for firefighters to suppress fires. Whenever possible, increasing access to water along water service delivery lines (wet and dry hydrants) would provide additional resources for emergency responders.	Wildfire	Fire Chief	Medium	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Edwards County-17	Research and recommend appropriate building codes for the Jurisdiction that includes wind-resistant design techniques for new construction. Edwards County does not have any building code requirements. The county should adopt and enforce codes that require certain minimum building practices and contractor licensing for wind loss reduction. Experts agree that structures built to exceed high wind provisions have a much greater chance of surviving violent windstorms. Additional techniques include adding protection for windows (i.e., shutters), anchoring door frames with multiple hinges, stiffening garage doors with additional bracing, reinforcing masonry chimneys with vertical steel, and strengthening connections between walls and the roof with hurricane straps and ties. These techniques should be promoted to building contractors and homebuyers by the county for all new residential construction, to the maximum extent possible during the building permit process.	Tornado, Windstorm	Planner	high	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Edwards County-18	Encourage the repositioning of as many utility lines as possible underground. Consider local regulations to require the placement of all new utility lines underground. Encourage utility providers and municipalities within the county to require that utility lines and mains be installed underground. Buried power lines offer the security of uninterrupted power during and after storms. However, consideration needs to be made for maintenance and repair, particularly in cold climates where soil freezes more readily.	Utility/ Infrastructure Failure	Director of Public Works	High	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Edwards County-19	Pawnee Watershed Joint District No. 81 will continue to monitor the potential impact from natural hazards on the jurisdiction and make changes as necessary. The Pawnee Watershed District had its beginnings in 1965 when a group of interested farmers and businessmen met together to form a steering committee to explore the formation of a watershed district. A vote to organize the District passed overwhelmingly. The District received its corporate charter in 1968, organized under the Watershed District Act of Kansas. The District is the largest watershed district in the United States, containing more than 1.5 million acres in parts of nine southwest Kansas counties—Edwards, Finney, Ford, Gray, Hodgeman, Lane, Ness, Pawnee, and Rush. Governance is by a nine-person Board of Directors, with a member each from the seven subwatersheds, and two at-large members.	Utility/ Infrastructure Failure	Director	High	1,2,4	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Belpre-1	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited government offices. FEMA, the KDEM, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Belpre-2	Identify the City's most at-risk critical facilities, and evaluate potential mitigation techniques for protecting each facility to the maximum extent possible. A thorough evaluation of potential mitigation opportunities for Belpre 's critical facilities must still be completed. Currently, there is very little available data on these facilities. An inventory/database on critical facilities should be created and maintained by the cities and county and shared with the KDEM. This inventory should include information on the location and risk to each facility, and should also document any cost-effective mitigation techniques to consider when funding becomes available.	All Hazards	Emergency Manager	Medium	2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Belpre-3	Coordinate county and local government mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	Emergency Manager	High	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Belpre-4	Annually host a public “hazards workshop” in combination with local festivals, fairs, or other appropriate events. A hazard workshop for county residents should be added to an established jurisdictional event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten the jurisdiction, and the mitigation and preparedness measures available to protect them. Guest speakers from the NWS, the KDEM, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	3	\$500 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous
Belpre-5	Encourage the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Emergency Manager	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Belpre-6	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Belpre-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. Edwards County is basically an agricultural community. An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	Medium	3	Staff Time	Local, State, Federal	12/31/2020	On-going
Belpre-8	Prepare and adopt an Outdoor Warning Sirens Plan for the county, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations. Some communities and rural areas of the county have older warning systems or none at all. To better serve the citizens of Edwards County a study should be conducted to evaluate measures to be taken to improve overall emergency warning services.	All Hazards	Emergency Manager	Medium	1,2	\$75,000	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Belpre-9	Work with county and city leaders in developing standardized procedures for identifying shelters as pre-disaster tornado shelters and post-disaster shelters. Develop “Memorandums of Understanding” (MOUs) with facility owners. Updating and developing new shelter areas are important to securing safe and secure shelter when severe weather threatens.	Tornado, Windstorm	Emergency Manager	High	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Belpre-10	The County and local government will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Flood	Emergency Manager	Medium	4	Staff Time	Local, State	12/31/2020	On-going, no reportable progress made
Belpre-11	Seek funding to retain an engineer to design a community tornado shelter and apply for grant funding for construction. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado	Mayor	Low	1,2	\$350,000	FEMA	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Belpre-12	Promote the use of NOAA All Hazards Weather Radios for the entire community of Belpre. Seek funding to subsidize purchase and distribution of weather radios. The NOAA All Hazards Weather Radio with S.A.M.E. technology is a nationwide network that broadcasts Weather Service Warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week. Promoting the use of the system in Belpre provides the opportunity to receive advanced warning and take measures to avoid or decrease the impact from various weather related hazards.	All Hazards	Mayor	Medium	1,2	\$8,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Kinsley-1	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited government offices. FEMA, the KDEM, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Kinsley-2	Identify the City's most at-risk critical facilities, and evaluate potential mitigation techniques for protecting each facility to the maximum extent possible. A thorough evaluation of potential mitigation opportunities for Kinsley's critical facilities must still be completed. Currently, there is very little available data on these facilities. An inventory/database on critical facilities should be created and maintained by the cities and county and shared with the KDEM. This inventory should include information on the location and risk to each facility, and should also document any cost-effective mitigation techniques to consider when funding becomes available.	All Hazards	Emergency Manager	Medium	2	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kinsley-3	Coordinate county and local government mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	Emergency Manager	High	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Kinsley-4	Annually host a public “hazards workshop” in combination with local festivals, fairs, or other appropriate events. A hazard workshop for county residents should be added to an established jurisdictional event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten the jurisdiction, and the mitigation and preparedness measures available to protect them. Guest speakers from the NWS, the KDEM, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	3	\$500 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous
Kinsley-5	Encourage and construct safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Emergency Manager	High	1,2	\$350,000	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kinsley-6	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Kinsley-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. Edwards County is basically an agricultural community. An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	Medium	3	Staff Time	Local, State, Federal	12/31/2020	On-going
Kinsley-8	Prepare and adopt an Outdoor Warning Sirens Plan for the county, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations. Some communities and rural areas of the county have older warning systems or none at all. To better serve the citizens of Edwards County a study should be conducted to evaluate measures to be taken to improve overall emergency warning services.	All Hazards	Emergency Manager	Medium	1,2	\$75,000	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kinsley-9	Work with county and city leaders in developing standardized procedures for identifying shelters as pre-disaster tornado shelters and post-disaster shelters. Develop “Memorandums of Understanding” (MOUs) with facility owners. Updating and developing new shelter areas are important to securing safe and secure shelter when severe weather threatens.	Tornado, Windstorm	Emergency Manager	High	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Kinsley-10	The County and local government will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Flood	Emergency Manager	Medium	4	Staff Time	Local, State	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kinsley-11	<p>The City of Kinsley is committed to continued participation and compliance with the NFIP. The decision on whether to join the NFIP is very important for a jurisdiction (community). There is no Federal law that requires a jurisdiction to join the program, and participation is voluntary. A benefit of participation is that the citizens are provided the opportunity to purchase flood insurance to protect themselves against flood losses. Another consideration is that a jurisdiction that has been identified by FEMA as being flood-prone and has not joined the NFIP within one year of being notified of being mapped as flood-prone will be sanctioned. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.</p>	Flood	City Manager	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Kinsley-12	Identify flood prone areas to consider future flood reduction measures to city planners. Flood zone mapping has provided initial identification of potential hazard areas that can be reviewed with other data sources, such as the watershed districts goals and objectives, in developing long range planning activities for flash-flood prevention, or other planning steps to reduce exposure to this hazard.	Flood	City Manager	High	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Kinsley-13	Seek funding to complete a stormwater drainage study/plan for the City of Kinsley that will lead to a stormwater management ordinance. As a significant area of the city lies within identified flood hazard areas periods of heavy rain creates inundation due to inadequate drainage of stormwater runoff.	Flood	City Manager	Medium	1,2	\$40,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kinsley-14	Seek funding to perform improvements to minimize flood damage to existing development by maximizing the effectiveness of the storm sewer infrastructure. The city of Kinsley has reported that the existing storm drainage in the town is inadequate as large rains create areas of inundation throughout the town. Future improvements to sewer infrastructure would allow for for proper drainage following storms.	Flood	City Manager	Low	1,2	\$150,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Kinsley-15	Seek funding for the purchase and installation of backup power sources for critical facilities in the city of Kinsley. The city of Kinsley has identified the need to maintain power to its facilities such as the water and sewage treatment plants following a natural disaster and subsequent loss of power.	Utility/ Infrastructure Failure	City Manager	Low	1,2	\$40,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Lewis-1	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited government offices. FEMA, the KDEM, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Lewis-2	Identify the City's most at-risk critical facilities, and evaluate potential mitigation techniques for protecting each facility to the maximum extent possible. A thorough evaluation of potential mitigation opportunities for Lewis 's critical facilities must still be completed. Currently, there is very little available data on these facilities. An inventory/database on critical facilities should be created and maintained by the cities and county and shared with the KDEM. This inventory should include information on the location and risk to each facility, and should also document any cost-effective mitigation techniques to consider when funding becomes available.	All Hazards	Emergency Manager	Medium	2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Lewis-3	Coordinate county and local government mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	Emergency Manager	High	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Lewis-4	Annually host a public “hazards workshop” in combination with local festivals, fairs, or other appropriate events. A hazard workshop for county residents should be added to an established jurisdictional event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten the jurisdiction, and the mitigation and preparedness measures available to protect them. Guest speakers from the NWS, the KDEM, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	3	\$250 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous
Lewis-5	Encourage and construct safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Emergency Manager	High	1,2	\$300,000	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Lewis-6	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Lewis-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. Edwards County is basically an agricultural community. An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	Medium	3	Staff Time	Local, State, Federal	12/31/2020	On-going
Lewis-8	Prepare and adopt an Outdoor Warning Sirens Plan for the county, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations. Some communities and rural areas of the county have older warning systems or none at all. To better serve the citizens of Edwards County a study should be conducted to evaluate measures to be taken to improve overall emergency warning services.	All Hazards	Emergency Manager	Medium	1,2,4	\$45,000	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Lewis-9	Work with county and city leaders in developing standardized procedures for identifying shelters as pre-disaster tornado shelters and post-disaster shelters. Develop “Memorandums of Understanding” (MOUs) with facility owners. Updating and developing new shelter areas are important to securing safe and secure shelter when severe weather threatens.	Tornado, Windstorm	Emergency Manager	High	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Lewis-10	The County and local government will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Flood	Emergency Manager	Medium	4	Staff Time	Local, State	12/31/2020	On-going, no reportable progress made
Lewis-11	Research and pursue funding for the installation of alternative forms of public warning and mass notification systems during inclement weather. In a scenario where severe weather conditions would appear to be imminent the City of Lewis has identified the need to evaluate and utilize additional methods to enhance their ability to alert the citizens of the town. Alternate alert systems such as or similar to the ADT Clear Warning Alert System may provide a viable option to increase the safety of the residents in the community.	All Hazards	Mayor	Medium	1,2	\$60,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Lewis-12	Seek funding to retain an engineer to design a community tornado shelter and apply for grant funding for construction. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado	Mitigation Officer, Zoning Administrator	Low	1,2	\$40,000	FEMA	12/31/2015	On-going, no reportable progress made
Offerle-1	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited government offices. FEMA, the KDEM, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Offerle-2	Identify the City's most at-risk critical facilities, and evaluate potential mitigation techniques for protecting each facility to the maximum extent possible. A thorough evaluation of potential mitigation opportunities for Offerle's critical facilities must still be completed. Currently, there is very little available data on these facilities. An inventory/database on critical facilities should be created and maintained by the cities and county and shared with the KDEM. This inventory should include information on the location and risk to each facility, and should also document any cost-effective mitigation techniques to consider when funding becomes available.	All Hazards	Emergency Manager	Medium	2	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Offerle-3	Coordinate county and local government mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	Emergency Manager	High	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Offerle-4	Annually host a public “hazards workshop” in combination with local festivals, fairs, or other appropriate events. A hazard workshop for county residents should be added to an established jurisdictional event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten the jurisdiction, and the mitigation and preparedness measures available to protect them. Guest speakers from the NWS, the KDEM, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	1,2	\$500 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous
Offerle-5	Encourage and construct safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Emergency Manager	High	1,2	\$350,000	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Offerle-6	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Offerle-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. Edwards County is basically an agricultural community. An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	Medium	3	Staff Time	Local, State, Federal	12/31/2020	On-going
Offerle-8	Prepare and adopt an Outdoor Warning Sirens Plan for the county, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations. Some communities and rural areas of the county have older warning systems or none at all. To better serve the citizens of Edwards County a study should be conducted to evaluate measures to be taken to improve overall emergency warning services.	All Hazards	Emergency Manager	Medium	1,2	\$60,000	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Offerle-9	Work with county and city leaders in developing standardized procedures for identifying shelters as pre-disaster tornado shelters and post-disaster shelters. Develop “Memorandums of Understanding” (MOUs) with facility owners. Updating and developing new shelter areas are important to securing safe and secure shelter when severe weather threatens.	Tornado, Windstorm	Emergency Manager	High	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Offerle-10	The County and local government will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Flood	Emergency Manager	Medium	1,2,3,4	Staff Time	Local, State	12/31/2020	On-going, no reportable progress made
Offerle-11	Promote the use of NOAA All Hazards Weather Radios for the entire community of Offerle. Seek funding to subsidize purchase and distribution of weather radios. The NOAA All Hazards Weather Radio with S.A.M.E. technology is a nationwide network that broadcasts Weather Service Warnings, watches, forecasts and other hazard information 24 hours a day, 7 days a week. Promoting the use of the system in Offerle provides the opportunity to receive advanced warning and take measures to avoid or decrease the impact from various weather related hazards.	All Hazards	Mayor	Medium	1,2	\$8,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Offerle-12	Seek funding to retain an engineer to design a community tornado shelter and apply for grant funding for construction. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado	Mayor	Low	1,2	\$40,000	Local, State, Federal	12/31/2015	On-going, no reportable progress made
USD#347-1	Develop and fund mitigation projects for the construction of tornado safe rooms for Unified School District 347 schools. Schools are particularly vulnerable to potential damage from tornadoes and high winds. Students, faculty, and staff should seek safe shelter when a tornado threatens. Tornado safe rooms should be constructed in schools to ensure a safe place for students to go during a tornado event. Safe rooms may be funded by FEMA during new school construction, as part of school additions, or as retrofits.	Tornado	Superintendent	Low	1,2	\$1,000,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
USD#347-2	Seek funding for the purchase and installation of backup power sources in USD 347 facilities. As USD 347 schools could potentially be utilized for public shelter the district considers it critical to maintain power following a natural disaster and subsequent power loss.	Utility/ Infrastructure Failure	Superintendent	Low	1,2	\$40,000	Local, State, Federal	12/31/2015	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD#347-3	Seek funding to evaluate and update the existing Emergency Plan for technical hazards impacted by severe weather. The Kinsley-Offerle Elementary School and Jr. / Sr. High School are both located near agricultural cooperatives and railroad transport stops. The district would like to update the existing emergency plans to reduce their exposure in the event of a severe weather event that would impact these facilities.	All Hazards	Superintendent	High	1,2	\$20,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
USD#502-1	Develop and fund mitigation projects for the construction of tornado safe rooms for Unified School District 502 schools. Schools are particularly vulnerable to potential damage from tornadoes and high winds. Students, faculty, and staff should seek safe shelter when a tornado threatens. Tornado safe rooms should be constructed in schools to ensure a safe place for students to go during a tornado event. Safe rooms may be funded by FEMA during new school construction, as part of school additions, or as retrofits.	Tornado	Superintendent	Low	1,2	\$1,000,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
USD#502-2	Seek funding for the purchase and installation of backup power sources in USD 502 facilities. As USD 502 schools could potentially be utilized for public shelter the district considers it critical to maintain power following a natural disaster and subsequent power loss.	Utility/ Infrastructure Failure	Superintendent	Low	1,2	\$40,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
MidWest Energy-1	ACSR Conductor. Replace damaged copperweld conductor with equivalent but not less than 2 ACSR conductor. Copperweld conductor is no longer readily available and the cost of copper has risen to where it is no longer economically feasible to use. Reconductor existing copper-weld lines with aluminum steel reinforced conductor and replace poles as needed.	Utility/ Infrastructure Failure	Director	High	1,2	\$1,000,000	Local, State, Federal	12/31/2020	New

5.6.5 KIOWA COUNTY

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa County-1	Distribute Weather Radios. Unlike outdoor sirens, all-hazards radios save lives by alerting people who are indoors when severe weather approaches. They can also alert people in homes, schools and businesses to other types of emergencies. These radios provide constant, useful and up-to-date weather information. They are equipped with a special alarm tone that will sound an alert and give immediate information in a life-threatening situation. Kiowa County Emergency Management will partner with the National Weather Service and a local business (such as local grocery stores) to purchase and distribute weather radios.	All Hazards	Emergency Manager	High	1,2	\$30 per radio	Local, NWS Grant	Within 3 years	On-going, no reportable progress made
Kiowa County-2	Increase Tornado Spotter and Other Weather Training Opportunities. Weather spotters provide invaluable assistance and critical information to decision makers when hazardous weather threatens the community. Countless lives have been saved because of this unique partnership between volunteer storm spotters, emergency management, and the National Weather Service. Coordinate with NWS to hold increase opportunities for weather spotter training	All Hazards	Emergency Manager	High	1,2,3,4	\$2,400	Local, NWS Grant	Annually	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa County-3	Become a StormReady Community. StormReady is a nationwide community preparedness program that uses a grassroots approach to help communities develop plans to handle all types of severe weather—from tornadoes to tsunamis. The program encourages communities to take a new, proactive approach to improving local hazardous weather operations by providing emergency managers with clear-cut guidelines on how to improve their hazardous weather operations. To be officially StormReady, a community must: · Establish a 24-hour warning point and emergency operations center · Have more than one way to receive severe weather warnings and forecasts and to alert the public · Create a system that monitors weather conditions locally · Promote the importance of public readiness through community seminars · Develop a formal hazardous weather plan, which includes training severe weather spotters and holding emergency exercises.	All Hazards	Emergency Manager	high	1,2	\$6,000	Staff Time	Within 5 years	On-going, no reportable progress made
Kiowa County-4	Provide Back-Up Generators for Community Shelters. For community shelters, emergency power may be required for both lighting and ventilation. This is particularly important for shelters in hospitals and other special needs facilities. Local emergency managers will meet to discuss community shelter needs and sizing of back-up generators. Grant funding may be pursued for purchase.	Utility/ Infrastructure Failure	Emergency Manager	High	1,2	Unknown	Staff Time, Local, State, Federal	Within 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa County-5	Develop/incorporate Text Message Alert System from National Weather Service. A text message alerting service is a means of providing the citizens of Kiowa County with emergency alert and notification information. This service works by sending a text message to cellular phones when County officials determine that an alert should be issued. Additionally, federal regulators approved a plan on April 9, 2008, to create a nationwide emergency alert system using text messages delivered to cell phones. The plan stems from the Warning Alert and Response Network Act, a 2006 federal law that requires upgrades to the nation's emergency alert system. The act tasked the Federal Communications Commission with coming up with new ways to alert the public about emergencies. Local emergency managers shall meet to discuss the current capabilities of the Kiowa County to utilize text messaging to distribute information and determine necessary upgrades.	All Hazards	Emergency Manager	High	1,2,3,4	Unknown	Staff Time, Local	Within 5 years	On-going, no reportable progress made
Kiowa County-6	Develop Annual Public Education Campaign (seasonal). Public education to prepare individuals and families for emergency situations is one of the most cost-effective mitigation efforts we as emergency managers can undertake. A well organized public education program utilizes several different methods to get the information into citizens' hands. The County may utilize the existing publications prepared by the National Weather Service for seasonal weather related information to either distribute directly to the public or develop Kiowa County specific public education materials.	All Hazards	Fire Chief, Emergency Manager, PIO	Medium	3	\$5,000 - \$20,000	Local	Annually	On-going, no reportable progress made, continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa County-7	Increase public and fire department training on wildland urban interface fires. Wildfires in the Wildland Urban Interface (WUI), or any location where a fire can spread from vegetation (wildland fuels) to man-made (urban fuels) presents a unique and potentially very dangerous set of hazards to the firefighters that respond to them as well as the public that lives in areas where such fires occur. Several trainings can be implemented to increase the general, tactical, and safety knowledge of anyone living in or responding to fires in the WUI. Topics from tactical decision making to assistance with pre-incident assessments of properties that may be impacted should be covered in these training sessions.	Wildfire	Fire Chief	Medium	3,4	\$30 per student per tng session	KS Forest Svc, State, Federal, Local	Continuous	On-going, no reportable progress made, continuous
Kiowa County-8	Reduce hazardous fuels in prioritized wildfire risk areas. Past experience has shown that there is a threat of having wildland/urban interface fire problems in this area. The Wildland Urban Interface (WUI) is any location where a fire can spread from vegetation (wildland fuels) to man-made (urban fuels). As part of the planning process a wildfire hazard assessment has been conducted to begin to identify those locations that might be in need of some hazard fuel reduction work. In those areas that have been prioritized as posing a threat for wildland/urban interface fires, fuel reduction will be used to create fuel breaks between the wildland fuels and the urban environment. Methods used will be mechanical removal of fuel, mechanical thinning of fuel, and/or prescribed fire.	Wildfire	Fire Chief	Medium	1,2	\$85/ac	KS Forest Svc, State, Federal, Local	Continuous	On-going, no reportable progress made, continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa County-9	Provide homeowner education on wildfire mitigation in wildland-urban interface. Before times and conditions of wildfire danger occur homeowners living in the wildland/urban interface need to have the knowledge to prepare their homes and property to be as safe and defensible as possible. Educational workshops be put on for homeowners associations and/or in rural communities to provide homeowners with property in the wildland/urban interface information on steps that they can take on their own to defend their property from wildfire. Existing programs such as the FIREWISE Communities USA program could be used to supplement local knowledge and expertise provided by the local fire departments and the Kansas Forest Service in providing the needed information at these workshops.	Wildfire	Fire Chief	Medium	3	\$500	KS Forest Svc, State, Federal, Local	Continuous	On-going, no reportable progress made, continuous
Kiowa County-10	Identify Vulnerable Populations within Community. Vulnerable Populations within Kiowa County lack the ability and/or the means to respond to emergencies. This mitigation action will enhance the ability of Kiowa County emergency management and public health practitioners to effectively define, locate and reach vulnerable populations to protect them in the event of emergencies. Kiowa County Emergency Management shall coordinate with Red Cross, and Health Department to either (1) identify the vulnerable population within the County or (2) develop a vulnerable population task force to begin the identification and communication process	All Hazards	Emergency Manager	Medium	2	\$12,000	Local, Staff Time	Within 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa County-11	Continue to comply with NFIP to include education the public on the NFIP and flood insurance. Congress established the NFIP to address both the need for flood insurance and the need to lessen the devastating consequences of flooding. The goals of the program are twofold: to protect communities from potential flood damage through floodplain management, and to provide people with flood insurance. The County will continue to comply with the NFIP through continued enforcement and maintenance of the County's floodplain management ordinance. In addition, Emergency Management shall meet with community Public Information officers to determine best methods for providing information to the citizens of Kiowa County regarding flood insurance. The Floodsmart.gov website provides many educational materials for the County to utilize.	Flood	Emergency Manager	Medium	1,2	Staff Time - \$3,000	Local, Staff Time	Within 3 years	On-going, no reportable progress made
Kiowa County-12	Participate in the FEMA map modernization process to develop Flood Insurance Rate Maps (FIRMs). Kiowa County does not have flood insurance rate maps (FIRMS) for unincorporated Kiowa County. HAZUS modeling indicates that flood hazards exist in the County, but only approximate hazard areas are shown by these maps in this mitigation plan. Encourage the State of Kansas Division of Water Resources to have the county mapped for flood hazards. Assist the study contractor in preparing Digital Flood Insurance Rate Maps (DFIRMs) for Kiowa County by identifying local mapping needs and participating in planning and review process. Provide topographic data, contour data, other GIS data, as needed.	Flood	Emergency Manager	Medium	1,2,3,4	\$4,800	FEMA, Staff Time	Within 3 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa County-13	Develop Drought Management plans for rural water districts. Rural water districts are vulnerable to drought. This project would develop drought management plans for the districts, so that water shortage impacts would be minimized. Potential outside consultant resources may need to be acquired to assist with plan development.	Drought	Emergency Manager, Rural Water District Staff	Medium	1,2	\$20,000 - \$30,000	Local	Annually	On-going, no reportable progress made
Kiowa County-14	Apply annually for potentially available HMGP and FMA grants. FEMA offers multiple programs to assist local communities with reducing future loss of lives and properties due to disasters. The Hazard Mitigation Grant Program (HMGP) provides grants to local communities to implement long-term hazard mitigation measures such as elevation, acquisition, or relocation of flood-prone structures after a major disaster declaration. The Flood Mitigation Assistance (FMA) program provides grants to communities for projects that reduce the risk of flood damage to structures that have flood insurance coverage. FEMA's mitigation grant programs are administered by KDEM, which prioritizes and selects project applications developed and submitted by local jurisdictions. Emergency Managers shall meet annually to review local hazard mitigation plan and needs within the community, and prepare applications to secure federal funding.	All Hazards	Emergency Manager	Medium	1,2	\$600	Local	Annually	On-going, no reportable progress made, continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa County-15	Include a tornado shelter in the new Kiowa County Road and Bridge shop and main office. The Kiowa County Road and Bridge shop and main office was destroyed in the 2007 Greensburg tornado and is in the process of being rebuilt. An opportunity exists to incorporate a tornado shelter. The shelter would be large enough to accommodate staff. Preliminary plans have been developed that will have the facility re-built in its current location with three new buildings.	Tornado, Windstorm	Emergency Manager	High	1,2	Unknown	Local, HMGP, USDA Grant	Within 2 years	On-going, no reportable progress made
Kiowa County-16	Include a tornado shelter in the new Kiowa County Memorial Hospital. The Kiowa County Memorial Hospital was destroyed in the 2007 Greensburg tornado and is in the process of being rebuilt. An opportunity exists to incorporate a tornado shelter. The shelter would be large enough to accommodate hospital patients and staff. It would also accommodate fire department staff who will be located in a new building located across the street. Plans have been developed that will have the facility re-built in a new location with a shelter in the basement. FEMA mitigation grant money has been applied for.	Tornado, Windstorm	Emergency Manager	High	1,2	\$217,607	Local, HMGP, USDA Grant	Within 2 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Kiowa County-17	Include a tornado shelter in the new Kiowa County Museum/Library/Media Center. The Kiowa County museum and library was destroyed in the 2007 Greensburg tornado and is in the process of being rebuilt. An opportunity exists to incorporate a tornado shelter. The shelter would be large enough to accommodate staff and patrons. Preliminary plans have been developed for the museum and library. An option to combine the two facilities with a new Media Center is currently being considered. It will also house the Kiowa County Extension Office and communications room. The Media Center will provide the most current information available to the public. There will be a storm shelter within the facility. No funding has been applied for as of yet due to the lack of funding for the entire project.	Tornado, Windstorm	Emergency Manager	High	1,2	Unknown	Local, HMGP, USDA Grant	Within 3 years	On-going, no reportable progress made
Greensburg-1	Assist the study contractor in preparing revised Digital Flood Insurance Rate Maps (DFIRMs) by identifying local mapping needs. The most recent effective flood insurance rate maps (FIRMS) for the City of Greensburg are dated 1987 and do not accurately reflect the current flood hazard, topography, etc. Encourage the Kansas Division of Water Resources to have the City re-mapped. Assist the study contractor in preparing Digital Flood Insurance Rate Maps (DFIRMs) for Kiowa County by identifying local mapping needs and participating in planning and review process. Provide topographic data, contour data, other GIS data, as needed.	Flood	Floodplain Manager	Medium	1,2,4	\$9,000	Staff Time, FEMA	Within 5 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Greensburg-2	Continue to comply with the NFIP and strengthen floodplain regulations, as appropriate, following DFIRM development. The City will continue to comply with the NFIP through continued enforcement and maintenance of the City's floodplain management ordinance. In addition, The current effective flood insurance rate maps (FIRMS) for the City of Greensburg are dated 1987. The FEMA Map Modernization process may identify new areas of flooding, flood elevations, etc. Review and update current floodplain ordinance to reflect updated Flood Insurance Rate Maps.	Flood	Floodplain Manager	Medium	1,2	\$600	Staff Time	Within 5 years	On-going, no reportable progress made
Greensburg-3	Include a tornado shelter in the new City Hall. The Greensburg City Hall was destroyed in the 2007 Greensburg tornado and is in the process of being rebuilt. An opportunity exists to incorporate a tornado shelter designed to FEMA standards. The shelter would be large enough to accommodate City staff. The new City Hall is currently being built at 310 S. Main. It will house the city administrative offices and Council Chambers. A safe room is being built within the facility to accommodate city employees. Federal Funds are being used to partially fund the building.	Tornado, Windstorm	Mayor	High	1,2	\$38,000	Staff, Time, Local, HMGP, USDA Grants	Within 2 years	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Greensburg-5	Include a tornado shelter in the new City Public Works Facility. The City's new public works facility is being rebuilt and will also contain a safe room. A storage area will be reinforced to allow employees in the facility to seek shelter in the event of a tornado. The shelter would be large enough to accommodate City staff. Federal Funds are being used to partially fund the building.	Tornado, Windstorm	Mayor	High	1,2	Unknown	Staff Time, Local, State, Federal	Within 2 years	On-going, no reportable progress made
Haviland-1	Participate in Countywide Annual Public Education Campaign (seasonal). Public education to prepare individuals and families for emergency situations is a low cost, and high value project. A well organized public education program utilizes several different methods to get the information into citizens' hands. Work with the County and utilize existing publications prepared by the National Weather Service for seasonal weather related information or Kiowa County specific public education materials; Distribute directly to the public or have available in community centers/public buildings.	All Hazards	Fire Chief, Emergency Manager, PIO	Medium	3	Low	Local	Annually	On-going, no reportable progress made, continuous
Haviland-2	Ion water treatment plant due to high nitrate levels. Would like to build a new ion treatment plant.	Utility/ Infrastructure Failure	City Clerk	High	1,2	\$2,100,000	Local, State, Federal	12/31/2020	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Mullinville-1	<p>Participate in Countywide Annual Public Education Campaign (seasonal). Public education to prepare individuals and families for emergency situations is a low cost, and high value project.. A well organized public education program utilizes several different methods to get the information into citizens' hands.</p> <p>Work with the County and utilize existing publications prepared by the National Weather Service for seasonal weather related information or Kiowa County specific public education materials; Distribute directly to the public or have available in community centers/public buildings.</p>	All Hazards	Fire Chief, Emergency Manager, PIO	Medium	3	Staff Time	Local	Annually	On-going, no reportable progress made, continuous
USD#422-1	<p>Include a tornado shelter in the new school in Greensburg. The school was destroyed in the 2007 Greensburg tornado and is in the process of being rebuilt. An opportunity exists to incorporate a shelter designed to FEMA standards. The shelter would be large enough to accommodate all students (230) and staff. New school design plans include the shelter being located between two basketball courts. FEMA grant funding is being pursued and preliminary plans have been developed.</p>	Tornado, Windstorm	Superintendent	High	1,2	\$256,069	Local, HMGP, USDA Grant	Within 2 years	On-going, no reportable progress made

5.6.6 PAWNEE COUNTY

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pawnee County-1	Pawnee County and the cities of Rozel, Larned, and Burdett are committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	Flood	Planner	High	1,2	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Pawnee County-2	Advertise and promote the availability of flood insurance to property owners by direct mail on an annual basis. Pawnee County joined the NFIP on February 2, 1990. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	Flood	Planner	High	1,2,3	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Pawnee County-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited public offices. FEMA, the Kansas Division of Emergency Management, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	State, Federal	Continuous	On-going, no reportable progress made, Continuous
Pawnee County-4	Coordinate county and local government mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	Director Road and Bridge, Director REC	High	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pawnee County-5	Annually host a public “hazards workshop” in combination with local festivals, county fair, or other appropriate events. A hazard workshop for county residents should be added to an established County event drawing large crowds. The workshop should focus on educating citizens on the hazards that threaten Pawnee County, and the mitigation and preparedness measures available to protect them. Guest speakers from the National Weather Service, the Kansas Division of Emergency Management, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	3	\$1,000 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous
Pawnee County-6	Encourage the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Emergency Manager	High	1,2	Staff Time	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Pawnee County-7	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pawnee County-8	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. Pawnee County is basically an agricultural community. An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	High	3	Staff Time	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Pawnee County-9	Prepare and adopt an Outdoor Warning Sirens Plan for the county, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations. Some communities and rural areas of the county have older warning systems or none at all. To better serve the citizens of Pawnee county a study should be conducted to evaluate measures to be taken to improve overall emergency warning services.	All Hazards	Emergency Manager, Planner	Medium	1,2	\$75,000	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pawnee County-10	Appoint a planning committee to research, develop, and recommend a Comprehensive Land Use Plan for the Jurisdiction. A Comprehensive Land Use Plan is a policy document that describes the official vision of the physical form and appearance desired for the town as it continues to grow over the coming years. That is, the Comprehensive Land Use Plan attempts to answer the question "what do we want the county to be like ten or twenty years from now?" Thus, the Plan provides a long-range vision (guide) for growth management.	All Hazards	Director of Planning and Zoning	Medium	1,2,3,4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Pawnee County-11	The County will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Flood	Planner, Emergency Management	Medium	4	Staff Time	Local, State	6/1/2020	On-going, no reportable progress made
Pawnee County-12	Develop a program in coordination with the State of Kansas Division of Emergency Management and FEMA to acquire and preserve parcels of land subject to repetitive flooding from willing and voluntary property owners. Land acquisition is an effective mitigation technique to permanently eliminate the potential for damages from future flood events. County jurisdictions will research potential access to grant funding for acquisition of flood prone parcels of land in from voluntary and willing property owners.	Flood	Planner	High	4	Staff Time	State, Federal	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pawnee County-13	Identify the jurisdiction's most at-risk critical facilities, and evaluate potential mitigation techniques for protecting each facility to the maximum extent possible. A thorough evaluation of potential mitigation opportunities for Pawnee County's critical facilities must still be completed. Currently, there is very little available data on these facilities. An inventory/database on critical facilities should be created and maintained by the county and shared with the Kansas Division of Emergency Management. This inventory should include information on the location and risk to each facility, and should also document any cost-effective mitigation techniques to consider when funding becomes available.	All Hazards	Emergency Manager	Medium	2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Pawnee County-14	Research and recommend an ordinance/resolution to require installation of tornado shelters for any major new manufactured and/or mobile home parks with more than 10 mobile home spaces. Mobile homes are particularly vulnerable to damage from high winds. Residents, even those who live in mobile homes with tie-downs, should seek safe shelter when a tornado threatens. Tornado shelters should be constructed in major mobile home parks to ensure a safe place for residents to go during a tornado event. The shelter structure, which should be designed to withstand a minimum of 120mph winds, could easily serve an alternate purpose such as a community center, laundry facility, etc. Tornado shelters should be for last minute protection for high wind events.	Tornado, Windstorm	Planning and Zoning Director	High	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pawnee County-15	Conduct an inventory/survey of the county's emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources. A survey should be completed in order to verify the county's current emergency services are adequate to protect public health and safety from most probable hazard events. Any identified needs or shortfalls should become documented and result in specific recommendations to the County Commission for emergency service enhancements.	All Hazards	Emergency Manager	High	1,2	Staff Time	Local, State	12/31/2020	On-going, no reportable progress made
Pawnee County-16	Develop cross-departmental information collection capabilities, and incorporate (building/parcel) data utilizing a GIS for purposes of conducting more detailed hazard risk assessments and for tracking permitting / land use patterns, buildings and infrastructure replacement costs, and overall structural accounting for the county. A comprehensive catalog of data can greatly enhance the county's technical capability to manage, analyze and display spatially referenced data. Pawnee County has basic GIS capabilities available through the Emergency Management Office and Appraiser's Department. Further development of this capability for functional use across all departments will enhance the county's overall capabilities to document building/structure cost data, and further hazard mitigation goals in developing data for the county.	All Hazards	Emergency Manager, appraiser, GIS	Medium	4	Staff Time	KDEM, Local, Federal, Grants	12/31/2020	On-goin

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pawnee County-17	Encourage the repositioning of as many utility lines as possible underground. Consider local regulations to require the placement of all new utility lines underground. Encourage utility providers and municipalities within the county to require that utility lines and mains be installed underground. Buried power lines offer the security of uninterrupted power during and after storms. However, consideration needs to be made for maintenance and repair, particularly in cold climates where soil freezes more readily.	Utility/ Infrastructure Failure	Public Works Director, Road and Bridge Director, REC Director	High	1,2	Unknown	Local	12/31/2020	On-going, no reportable progress made
Pawnee County-18	Research and recommend appropriate building codes, permitting and platting ordinances for the Jurisdiction that includes wind-resistant design techniques for new construction. Pawnee County jurisdictions have varying building code requirements, if any. Incorporated and unincorporated areas of the county should adopt and enforce codes that require certain minimum building practices and contractor licensing for wind loss reduction. Experts agree that structures built to exceed high wind provisions have a much greater chance of surviving violent windstorms. Additional techniques include adding protection for windows (i.e., shutters), anchoring door frames with multiple hinges, stiffening garage doors with additional bracing, reinforcing masonry chimneys with vertical steel, and strengthening connections between walls and the roof with hurricane straps and ties. These techniques should be promoted to building contractors and homebuyers by the county for all new residential construction, to the maximum extent possible during the building permit process.	All Hazards	Planner	Medium	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pawnee County-19	Develop and implement a wildfire prevention/education program. In addition to providing education to the general public, the program should also target children, fire and equipment users, builders and developers, and homeowners. Pawnee County has burn-ban resolutions which require special permission to conduct open burning operations. In periods of drought or extreme weather conditions a burn ban may be declared. When a ban is declared all radio stations, TV stations, and regional newspapers in the area are notified as well as mayors, fire chiefs, etc. To better educate the public at large, Pawnee County should expand their existing fire protection program to include wildfire workshops to all age groups and commercial operations.	Wildfire	Fire Chief, Emergency Manager	High	1,2,3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Pawnee County-20	Examine the current agreements within the county and assess the need to expand or update cooperative agreements for firefighting resources. Include agreements with local, state and federal agencies. Cooperative agreements provide the support needed in times of emergency, and are an important element of planning, with the long-range goal of reducing damage to structures and systems within the jurisdiction.	Wildfire	Fire Chief, Emergency Manager	Medium	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Pawnee County-21	Create a working group to evaluate the firefighting water supply resources within the County. This should include both fixed and mobile supply issues. Lack of sufficient water supply makes it difficult for firefighters to suppress fires. Whenever possible, increasing access to water along water service delivery lines (wet and dry hydrants) would provide additional resources for emergency responders.	Wildfire	Fire Chief, Emergency Manager	Medium	1,2,4	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pawnee County-22	Distribute assessment report examples provided by the Kansas Forest Service to applicable parties to develop an understanding of the Community Wildfire Protection Plan (CWPP). Recommend joining the program and completing an assessment report for approval. The probability of grass/cropland fire in Pawnee County is relatively high. The likelihood of future events is estimated to remain the same as currently calculated. Pawnee County can expect an average of 3.373 significant wildfires per year that damage or destroy a total of 561 acres. The average area burned is approximately 94 acres. The Kansas Forest Service staff would provide assistance to interested communities in the form of a Community Wildfire Hazard Assessment Report and some mitigation action items.	Wildfire	Fire Chief, Emergency Manager	High	1,2,3,4	Staff Time	Local, State, Federal, Grants	12/31/2020	On-going, no reportable progress made
Pawnee County-23	Appoint a rural fire committee to schedule meetings with the Kansas Forest Service to map suspected hazardous wildfire areas in the county for potential participation in the Community Wildfire Protection Program (CWPP). In order for a community to take advantage of the Community based Healthy forests Restoration Act (HFRA), 2003, a community must develop a Community Wildfire Protection Plan (CWPP). To develop qualifications the community must identify and map potential hazard areas as an initial step towards participation in the program.	Wildfire	Fire Chief, Emergency Manager	High	1,2,3,4	Staff Time	Local, State, Federal	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pawnee County-24	Incorporate wildfire maps, develop actions and projects for wildfire prevention, and complete an assessment report to meet CWPP requirements for submittal to the Kansas Forest Service. The minimum requirements participation in the CWPP as described in the HFRA are: (1) Collaboration: A CWPP must be collaboratively developed by local and state government representatives, in consultation with federal agencies and other interested parties. (2) Prioritized Fuel Reduction: A CWPP must identify and prioritize areas for hazardous fuel reduction treatments and recommend the types and methods of treatment that will protect one or more at-risk communities and essential infrastructure. (3) Treatment of Structural Ignitability: A CWPP must recommend measures that homeowners and communities can take to reduce the ignitability of structures throughout the area addressed by the plan.	Wildfire	Fire Chief, Emergency Manager	High	1,2,3,4	Staff Time	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Pawnee County-25	Continue to monitor the potential impact from natural hazards on the Pawnee Watershed Joint District No. 81 and make changes as necessary. Monitor the Horsethief Reservoir Dam EAP, last revised June 26, 2009, for changes that would impact the district from natural hazards.	Flood	Pawnee Watershed Joint District No. 81	High	1,2	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Pawnee County-26	Repetitive Flood Buyout. Develop a program in coordination with the State of Kansas Division of Emergency Management and FEMA to acquire and preserve parcels of land subject to repetitive flooding from willing and voluntary property owners. Land acquisition is an effective mitigation technique to permanently eliminate the potential for damages from future flood events. County jurisdictions will research potential access to grant funding for acquisition of flood prone parcels of land in from voluntary and willing property owners.	Flood	Emergency Manager Director	High	1,2	Dependent on Fair Market Value	Local, State, FEMA	12/31/2020	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pawnee County-27	Mobile Home Park Tornado Shelter Ordinance Research and recommend an ordinance/resolution to require installation of tornado shelters for any major new manufactured and/or mobile home parks with more than 10 mobile home spaces. Mobile homes are particularly vulnerable to damage from high winds. Residents, even those who live in mobile homes with tie-downs, should seek safe shelter when a tornado threatens. Tornado shelters should be constructed in major mobile home parks to ensure a safe place for residents to go during a tornado event. The shelter structure, which should be designed to withstand a minimum of 120mph winds, could easily serve an alternate purpose such as a community center, laundry facility, etc. Tornado shelters should be for last minute protection for high wind events.	Tornado, Windstorm	Director Emergency management	High	1,2	\$500	Local	12/31/2020	New
Pawnee County-28	Power Grid Planning. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property. Coordinate county and local government mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies.	Utility/ Infrastructure Failure	Director of Emergency Management	High	1,2,4	Staff Time	Local	Continuous	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pawnee County-29	Natural Resources Protection. Pawnee County is basically an agricultural community. An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks. Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues.	Agri Terrorism/Terrorism, Agricultural Infestation	Director Emergency management	Medium	1,2,3,4	\$1,500	Local, State, Federal	Continuous	New
Pawnee County-30	Evaluate critical facilities. A thorough evaluation of potential mitigation opportunities for Pawnee County's critical facilities must still be completed. Currently, there is very little available data on these facilities. An inventory/database on critical facilities should be created and maintained by the county and shared with the Kansas Division of Emergency Management. This inventory should include information on the location and risk to each facility, and should also document any cost-effective mitigation techniques to consider when funding becomes available. Identify the jurisdiction's most at-risk critical facilities, and evaluate potential mitigation techniques for protecting each facility to the maximum extent possible.	All Hazards	Director of Emergency Management	Medium	2	\$5,000	Local	Continuous	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pawnee County-31	GIS data collection. A comprehensive catalog of data can greatly enhance the county's technical capability to manage, analyze and display spatially referenced data. Pawnee County has basic GIS capabilities available through the Emergency Management Office and Appraiser's Department. Further development of this capability for functional use across all departments will enhance the county's overall capabilities to document building/structure cost data, and further hazard mitigation goals in developing data for the county. Develop cross-departmental information collection capabilities, and incorporate (building/parcel) data utilizing a GIS for purposes of conducting more detailed hazard risk assessments and for tracking permitting / land use patterns, buildings and infrastructure replacement costs, and overall structural accounting for the county.	All Hazards	Director Emergency management	High	1,2,4	\$5,000	Local, Grants	Continuous	New
Pawnee County-32	Underground Power Lines. Encourage utility providers and municipalities within the county to require that utility lines and mains be installed underground. Buried power lines offer the security of uninterrupted power during and after storms. However, consideration needs to be made for maintenance and repair, particularly in cold climates where soil freezes more readily. Encourage the repositioning of as many utility lines as possible underground. Consider local regulations to require the placement of all new utility lines underground.	Utility/ Infrastructure Failure	Director Emergency management	High	1,2	Unknown	Local, State, Federal	12/31/2016	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pawnee County-33	Study drainage throughout the county and implement measures for flood Control management and improvement. Study drainage throughout the county and implement measures for flood Control management and improvement. Study drainage throughout the county and implement measures for flood Control management and improvement. Clearing and keeping ditches and waterways clean and clear of debris. Keep Drainage and ditches at proper depths and widths. Maintain culverts and bridges At proper sizes and keep them clear of sediment and debris. Increase culvert Size if necessary.	Flood	Director Hwy Dept	Medium	1,2	\$50,000 - \$100,000	Local, State, Federal	12/31/2020	New
Pawnee County-34	Bio-Security. Bio-security can reduce the chances of an infectious disease being carried onto private farmland by people, animals, equipment, or vehicles. Bio-security also reduces the chance of disease moving from private farmland to the public sector. The County Extension office and Public Information Officer shall develop educational materials regarding livestock bio-security to be distributed to the agricultural community in Pawnee County.	Agriculture Infestation	County Extension Agent	Low	1,2	\$5,000	Local	12/31/2020	New
Pawnee County-35	Trim or remove trees in areas that may block or occlude roadways. Trees have become overgrown or have grown up in areas where they or their Branches, when damaged or broken may fall into the roadways and block or partially block vehicles from passing. This may hamper Emergency Vehicles and/or operations and evacuation routes. By removing trees in the right of way and trimming branches that would block roadways on county and township roads, there would be less chance the roads would become impassable.	All Hazards	Director Hwy Dept	Medium	1,2	\$10,000 - \$15,000	Local	12/31/2019	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pawnee County-36	Storm Shutters. The Pawnee County Courthouse does not have a room without windows that could be used as a storm shelter. Acquire and install hurricane shutters on the Courthouse Lounge windows.	Tornado, Windstorm	Emergency Management Director	Medium	1,2	\$2,000	Local, State, Federal	12/31/2020	New
Pawnee County-37	Emergency Generator. Courthouse services must be suspended during periods of power loss due to the lack of emergency electrical generation. Acquire and install a permanently mounted emergency generator for the Pawnee County Courthouse.	Utility/ Infrastructure Failure	Emergency Management Director	Low	1,2	\$25,000	Local, State, Federal	12/31/2020	New
Pawnee County-38	Outdoor Warning Sirens. Unincorporated areas of Pawnee County are not covered by Outdoor Warning Sirens. Acquire outdoor warning systems and other early warning devices for unincorporated areas such as Camp Pawnee.	Tornado, Windstorm	Emergency Management Director	Low	1,2	\$15,000	Local, State, Federal	12/31/2020	New
Pawnee County-39	Reverse 911. Pawnee County does not currently have a system to inform the public of known hazards via telephone and cell phone. Emergency Management shall investigate the potential for purchasing and installing a reverse 911 system in Pawnee County.	All Hazards	Emergency Management Director	Medium	1,2	\$15,000	Local	12/31/2020	New
Pawnee County-40	Purchase and install window shutters for Pawnee Valley Community Hospital.	All Hazards	Hospital Director	Medium	1,2	\$300,000	Local, State, Federal	12/31/2020	New
Burdett-1	The City of Burdett is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	Flood	Planner	High	1,2	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Burdett-2	Advertise and promote the availability of flood insurance to property owners by direct mail on an annual basis.	Flood	Planner	High	3	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Burdett-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited public offices. FEMA, the Kansas Division of Emergency Management, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	State, Federal	Continuous	On-going, no reportable progress made, Continuous
Burdett-4	Coordinate county and local government mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	Director Road and Bridge, Director REC	High	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Burdett-5	Annually host a public “hazards workshop” in combination with local festivals, county fair, or other appropriate events. A hazard workshop for county residents should be added to an established County event drawing large crowds. The workshop should focus on educating citizens on the hazards that threaten Pawnee County, and the mitigation and preparedness measures available to protect them. Guest speakers from relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	3	\$300 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Burdett-6	Encourage and construct safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Emergency Manager	High	1,2	Low	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Burdett-7	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Burdett-8	Promote and educate the jurisdiction's citizens on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. As a rural county, an intentional introduction of a foreign animal disease would be devastating to the economy. Specific education programs should be developed in coordination with the KAH to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	High	3	Staff Time	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Burdett-9	Prepare and adopt an Outdoor Warning Sirens Plan for the city, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations.	All Hazards	Emergency Manager, Planner	Medium	1,2	\$45,000	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Burdett-10	Seek funding to conduct a study for the location, design, and construction of a community safe room in the Burdett Senior Center. Tornadoes are a serious risk to people who live in Kansas. Many buildings do not have basements or other areas for refuge from storms. Safe rooms strategically positioned in the city would be beneficial in protecting people. Senior citizen complexes are good safe room locations because of they already house one of the least mobile populations that need to be sheltered.	Tornado, Windstorm	Planning Commision	Low	1,2	Staff Time	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Burdett-11	Assess flood prone areas and recommend flood reduction measures to city planners. Flood zone mapping has provided initial identification of potential hazard areas that can be reviewed with other data sources, such as the watershed districts goals and objectives, in developing long range planning activities for flood prevention, or other planning steps to reduce exposure to this hazard.	Flood	Mayor	Medium	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Burdett-12	Water Well Emergency Generator. The Burdett City water well provides water for all residents. When electricity is out due to severe weather over an extended period water will not be available without an emergency generator. Acquire and install a permanently mounted emergency generator to power the city well during periods of power outage.	Utility/ Infrastructure Failure	Mayor	Low	1,2	\$20,000	Local, State, Federal	12/31/2020	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Garfield-1	Advertise and promote the availability of flood insurance to property owners by direct mail on an annual basis.	Flood	Planner	High	3	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Garfield-2	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited public offices. FEMA, the Kansas Division of Emergency Management, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	State, Federal	Continuous	On-going, no reportable progress made, Continuous
Garfield-3	Coordinate county and local government mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	Director Road and Bridge, Director REC	High	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Garfield-4	Annually host a public “hazards workshop” in combination with local festivals, county fair, or other appropriate events. A hazard workshop for county residents should be added to an established County event drawing large crowds. The workshop should focus on educating citizens on the hazards that threaten Pawnee County, and the mitigation and preparedness measures available to protect them. Guest speakers from relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	3	\$300 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Garfield-5	Encourage and construct safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Emergency Manager	High	1,2	\$350,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Garfield-6	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Garfield-7	Promote and educate the jurisdiction's citizens on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. As a rural county, an intentional introduction of a foreign animal disease would be devastating to the economy. Specific education programs should be developed in coordination with the KAH to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	High	3	Staff Time	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Garfield-8	Prepare and adopt an Outdoor Warning Sirens Plan for the city, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations.	All Hazards	Emergency Manager, Planner	Medium	1,2	\$30,000	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Garfield-9	Develop and implement a plan to divert or reduce flood waters from the Arkansas River Tributary (Garfield Drain) and School Street. The Arkansas River Tributary (Garfield Drain) flows from southwest to northeast across the city. Following heavy rains flooding has been a persistent problem. School Street drainage is not adequate following heavy rains and compounds the flooding issue.	Flood	City Planners	Low	1,2	Staff Time	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Garfield-10	Pursue funding for the purchase and installation of emergency backup generators for the fire department water well, storm siren, and community center.. The city does not have emergency backup generators for these entities. Life and property are placed at high risk during an electric utility failure. Winter storms have created the greatest risk of power loss to Garfield. High winds from the storms compounded with snow and ice have resulted in downed power lines. During this time preservation of power at the fire department water well is paramount in order to prevent contamination from sewage.	Winter Storm	Mayor	Medium	1,2	\$60,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Garfield-11	Consider developing an application package for participation in the National Flood Insurance Program (NFIP). Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program. The jurisdiction must submit an application package that includes the following: The jurisdiction must make an Application for Participation in the NFIP (FEMA Form 81-64); The jurisdiction must adopt a Resolution of Intent, which indicates an explicit desire to participate in the NFIP and a commitment to recognize flood hazards and carry out the objectives of the program; The jurisdiction must adopt and submit Floodplain Management Regulations that exceed the minimum flood plain management requirements of the NFIP (Title 44 of the Code of Federal Regulations (44 CFR) section 60.3); The jurisdiction's floodplain management regulations must be legally enforceable.	Flood	Mayor	High	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Larned-1	The city of Larned is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	Flood	Planner	High	1,2	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Larned-2	Advertise and promote the availability of flood insurance to property owners by direct mail on an annual basis.	Flood	Planner	High	3	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Larned-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited public offices. FEMA, the Kansas Division of Emergency Management, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	State, Federal	Continuous	On-going, no reportable progress made, Continuous
Larned-4	Coordinate county and local government mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	Director Road and Bridge, Director REC	High	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Larned-5	Annually host a public “hazards workshop” in combination with local festivals, county fair, or other appropriate events. A hazard workshop for county residents should be added to an established County event drawing large crowds. The workshop should focus on educating citizens on the hazards that threaten Pawnee County, and the mitigation and preparedness measures available to protect them. Guest speakers from relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	3	\$500 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Larned-6	Encourage and construct safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Emergency Manager	High	1,2	\$300,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Larned-7	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Larned-8	Promote and educate the jurisdiction's citizens on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. As a rural county, an intentional introduction of a foreign animal disease would be devastating to the economy. Specific education programs should be developed in coordination with the KAH to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	High	3	Staff Time	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Larned-9	Prepare and adopt an Outdoor Warning Sirens Plan for the city, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations.	All Hazards	Emergency Manager, Planner	Medium	1,2	\$45,000	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Larned-10	Continue Levee maintenance in compliance with the Larned, Kansas Flood Control Project agreement and Operation and Maintenance Manual dated May 1982. An agreement was entered between the United States of America and the City of Larned on July 23, 1979 for local cooperation with the USA in the Larned, Kansas Flood Control Project. Per this agreement the city is responsible for: the operation and maintenance of the structure, the appointment of a committee, headed by an official, to oversee operation, maintenance, and improvements of the structure, as well as semi-annual inspections of the structure. The city has appointed a committee, current members are Lane Massey, Larned City Manager, and Allen Taylor, Street Superintendent. The committee routinely performs a flood response exercise. The structure was last inspected by the US Army Corps of Engineers on December 10, 2008.	Dam and Levee Failure	Mayor	Medium	1,2	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Larned-11	Assess flood prone areas and recommend flood reduction measures to city planners. Flood zone mapping has provided initial identification of potential hazard areas that can be reviewed with other data sources, such as the watershed districts goals and objectives, in developing long range planning activities for flood prevention, or other planning steps to reduce exposure to this hazard.	Flood	Mayor	Medium	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Larned-12	Research the possible construction of safe rooms in critical facilities or designated areas that are accessible to the community. Seek outside funding sources to implement the program. Tornadoes are a serious risk to people who live in Kansas. Many homes do not have basements or other areas for refuge from storms. Tornado shelters (safe rooms) strategically positioned throughout the city would be beneficial in protecting people. The establishment of shelters near densely populated areas such as group housing, mobile home parks, and senior citizens complexes should be considered.	Tornado, Windstorm	Mayor	Low	1,2	\$500,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Rozel-1	The city of Rozel is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	Flood	Planner	High	1,2	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Rozel-2	Advertise and promote the availability of flood insurance to property owners by direct mail on an annual basis.	Flood	Planner	High	3	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Rozel-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited public offices. FEMA, the Kansas Division of Emergency Management, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Rozel-4	Coordinate county and local government mitigation efforts RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/Infrastructure Failure	Director Road and Bridge, Director REC	High	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Rozel-5	Annually host a public “hazards workshop” in combination with local festivals, county fair, or other appropriate events. A hazard workshop for county residents should be added to an established County event drawing large crowds. The workshop should focus on educating citizens on the hazards that threaten Pawnee County, and the mitigation and preparedness measures available to protect them. Guest speakers from the National Weather Service, the Kansas Division of Emergency Management, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	3	\$500 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous
Rozel-6	Encourage and construct safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Emergency Manager	High	1,2	\$350,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Rozel-7	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Rozel-8	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. Pawnee County is basically an agricultural community. An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	High	3	Staff Time	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Rozel-9	Prepare and adopt an Outdoor Warning Sirens Plan for the city, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations.	All Hazards	Emergency Manager, Planner	Medium	1,2	\$45,000	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Rozel-10	Seek funding to conduct a study for the location, design, and construction of a community safe room in Rozel Community Center. Tornadoes are a serious risk to people who live in Kansas. Many buildings do not have basements or other areas for refuge from storms. Safe rooms strategically positioned in the city, such as in community centers, would be beneficial in protecting people. The Rozel Community Center can serve as a critical facility during times of need to provide shelter and assistance for Rozel's citizens.	Toran	Mayor	Low	1,2	\$350,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Rozel-11	Assess flood prone areas and recommend flood reduction measures to city planners. Flood zone mapping has provided initial identification of potential hazard areas that can be reviewed with other data sources, such as the watershed districts goals and objectives, in developing long range planning activities for flood prevention, or other planning steps to reduce exposure to this hazard.	Flood	Mayor	Medium	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Rozel-12	Emergency Generator for Community Center. Rozel's Community Center is a designated community shelter. The community center has no emergency backup power generation. Acquire and install a properly sized permanently mounted emergency generator.	Utility/Infrastructure Failure	Mayor	Medium	1,2	\$20,000	Local, State, Federal	12/31/2020	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD#495-1	Develop and seek funding for mitigation projects for the construction of tornado safe rooms for USD 495 schools. Schools are particularly vulnerable to potential damage from tornadoes and high winds. Students, faculty, and staff should seek safe shelter when a tornado threatens. Tornado safe rooms should be constructed in schools to ensure a safe place for students to go during a tornado event. Safe rooms may be funded by FEMA during new school construction, as part of school additions, or as retrofits.	Tornado, Windstorm	Superintendent	Low	1,2	\$1,000,000	Federal	12/31/2020	On-going, no reportable progress made
USD#496-1	Develop and seek funding for mitigation projects for the construction of tornado safe rooms for USD 495 schools. Once funding is obtained construct safe rooms. Schools are particularly vulnerable to potential damage from tornadoes and high winds. Tornado safe rooms should be constructed in schools to ensure a safe place for students to go during a tornado event. Safe rooms may be funded by FEMA during new school construction, as part of school additions, or as retrofits.	Tornado, Windstorm	Superintendent	Medium	1,2	\$100,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
USD#496-2	Evaluate the benefits of purchasing flood insurance for the school district. The district should investigate the benefits of purchasing flood insurance for Pawnee Heights High School and any other campus structures located within the designated floodplain in Rozel per the FEMA Flood Hazard Boundary Map (January 3, 1975).	Flood	Superintendent	High	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
USD#496-3	Identify and clearly mark evacuation routes. Occasional remodel or repurposing of rooms might necessitate rerouting evacuation or new marking of routes. Analyze present evacuation routes and prepare new signage to reflect changes if any.	All Hazards	Superintendent	Medium	1,2	\$200	Local	12/31/2020	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
MidWest Energy REC-1	ACSR Conductor. Replace damaged copperweld conductor with equivalent but not less than 2 ACSR conductor. Copperweld conductor is no longer readily available and the cost of copper has risen to where it is no longer economically feasible to use. Reconductor existing copper-weld lines with aluminum steel reinforced conductor and replace poles as needed.	Utility/ Infrastructure Failure	Director	High	1,2	\$1,000,000	Local, State, Federal	12/31/2020	New

5.6.7 PRATT COUNTY

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pratt County-1	The County and local governments will work with the Kansas Department of Agriculture - Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Division of Water Resources provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the President, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed or cancelled for repeat losses.	Flood	Emergency Manager	Medium	3,4	Staff Time	Local, State	12/31/2020	On-going, no reportable progress made
Pratt County-2	On an annual basis, contact owners identified in high-risk flood areas and inform them of potential availability of assistance through the Federal Flood Mitigation Assistance (FMA) program, in addition to other flood protection measures. Once flood insurance is available through the county, property owners should be contacted every year to promote the availability of the FEMA funding and to determine their level of interest in applying for the program.	Flood	Emergency Manager	High	1,2	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Pratt County-3	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited county and city offices. FEMA, the Kansas Division of Emergency Management, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pratt County-4	Coordinate county and local government mitigation efforts with RECs, encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	Road Department Supervisor	High	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made, Continuous
Pratt County-5	Annually host a public “hazards workshop” for residents, in combination with local festivals, fairs, or other appropriate County/City events. A hazard workshop for county residents should be added to an established County event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten Pratt County, and the mitigation and preparedness measures available to protect them. Guest speakers from the National Weather Service, the Kansas Division of Emergency Management, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	3	\$500 per workshop	Local	Continuous	On-going, no reportable progress made, Continuous
Pratt County-6	Encourage the construction of safe rooms and storm shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Torano, Windstorm	Emergency Manager	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pratt County-7	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Pratt County-8	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. Pratt County is basically an agricultural community. An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	Medium	3	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Pratt County-9	Continue to improve and upgrade outdoor warning siren systems in the county. Reduce the possibility of damages and loss of life to the citizens by upgrading the early warning system for the Jurisdiction.	All Hazards	Emergency Manager	Medium	1,2	Done	Local	12/31/2020	Complete 2011
Pratt County-10	Upgrade existing emergency warning equipment to allow remote-activation of all storm sirens from the Law Enforcement Center and/or the Emergency Operations Center. Reduce the possibility of damages and loss of life to the citizens by upgrading the early warning system for the Jurisdiction.	All Hazards	Emergency Manager	Medium	1,2	Done	Local	12/31/2020	Complete 2011

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pratt County-11	<p>Enhance community volunteer response capabilities by creation of Citizen Emergency Response Teams (CERT). The CERT Program educates people about disaster and trains them in basic disaster response skills, such as fire safety, light search and rescue, team organization, and disaster medical operations.</p> <p>Using the training learned in the classroom and during exercises, CERT members can assist others in their neighborhood or workplace following an event when professional responders are not immediately available to help. CERT members also are encouraged to support emergency response agencies by taking a more active role in emergency preparedness projects in their community.</p>	All Hazards	Emergency Manager	Medium	3,4	Done	Local	12/31/2020	Complete
Pratt County-12	<p>Appoint a committee to research and develop an application package for participation in the NFIP.</p> <p>Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program. The jurisdiction must submit an application package that includes the following: The jurisdiction must make an Application for Participation in the NFIP (FEMA Form 81-64); The jurisdiction must adopt a Resolution of Intent, which indicates an explicit desire to participate in the NFIP and a commitment to recognize flood hazards and carry out the objectives of the program; The jurisdiction must adopt and submit Floodplain Management Regulations that exceed the minimum flood plain management requirements of the NFIP (Title 44 of the Code of Federal Regulations (44 CFR) section 60.3); The jurisdiction's floodplain management regulations must be legally enforceable.</p>	Flood	Emergency Manager	Medium	1,2,3,4	Done	Local	12/31/2020	Complete - joined March 5, 2012

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pratt County-13	Appoint a planning committee to research and develop a Land Use Plan for Pratt County. A Land Use Plan is a policy document that describes the official vision of the physical form and appearance desired for the county as it continues to grow over the coming years. That is, the Land Use Plan attempts to answer the question "what do we want the county to be like ten or twenty years from now?" Thus, the Plan provides a long-range vision (guide) for growth management.	Flood	Emergency Manager	High	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Pratt County-14	Appoint a committee to research and recommend appropriate building codes for the county that includes wind-resistant design techniques for new construction.	All Hazards	Planners, Emergency Manager	Medium	1,2,3,4	Delete	Local	12/31/2020	Delete
Pratt County-15	Identify the most at-risk critical facilities, and evaluate potential mitigation techniques for protecting each facility to the maximum extent possible. A thorough evaluation of potential mitigation opportunities for Pratt County's critical facilities should be completed. Currently, there is very little available data on these facilities. An inventory/database on critical facilities should be created and maintained by the county and shared with the Kansas Division of Emergency Management. This inventory should include information on the location and risk to each facility, and should also document any cost-effective mitigation techniques to consider when funding becomes available.	All Hazards	Emergency Manager	Medium	2	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pratt County-16	Conduct an inventory/survey for the jurisdiction's emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources. A survey should be completed in order to verify the county's current emergency services are adequate to protect public health and safety from most probable hazard events. Any identified needs or shortfalls should become documented and result in specific recommendations to the County Commission for emergency service enhancements.	All Hazards	Emergency Manager	Medium	1,2	Staff Time	Local, State	Continuous	On-going, no reportable progress made, Continuous
Pratt County-17	Research, develop, and recommend an ordinance/resolution to require installation of tornado shelters for new major manufactured and/or mobile home parks with more than 30 mobile home spaces.	Toronado, Windstorm	Emergency Manager	Medium	1,2	Done	Local, State, Federal	12/31/2020	Delete, not required by County
Pratt County-18	Develop cross-departmental information collection capabilities, and incorporate (building/parcel) data utilizing a GIS for purposes of conducting more detailed hazard risk assessments and for tracking permitting / land use patterns, buildings and infrastructure replacement costs, and overall structural accounting for the county. A comprehensive catalog of data can greatly enhance the county's technical capability to manage, analyze and display spatially referenced data. Pratt County has basic GIS capabilities available through the Pratt Appraisers Department. Further development of this capability for functional use across all departments will enhance the county's overall capabilities to document building/structure cost data, and further hazard mitigation goals in developing data for the county.	All Hazards	County Appraisor	High	4	Staff Time	Local, State, Federal	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pratt County-19	<p>Develop and implement a wild/rangeland fire prevention/education program. In addition to providing education to the general public, the program should also target children, fire and equipment users, builders and developers, and homeowners. Pratt County has burn-ban resolutions which require special permission to conduct open burning operations. In periods of drought or extreme weather conditions a burn ban may be declared. When a ban is declared all radio stations, TV stations, and regional newspapers in the area are notified as well as mayors, fire chiefs, etc. To better educate the public at large, Pratt County should expand their existing fire protection program to include wildfire workshops to all age groups and commercial operations.</p>	Wildfire	Fire Chief	Medium	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Pratt County-20	<p>Examine the current agreements within the county and assess the need to expand or update cooperative agreements for firefighting resources. Include agreements with local, state and federal agencies. Cooperative agreements provide the support needed in times of emergency, and are an important element of planning, with the long-range goal of reducing damage to structures and systems within the jurisdiction.</p>	Wildfire	Fire Chief	Medium	4	Staff Time	Local	12/31/2020	Complete
Pratt County-21	<p>Appoint a working group to evaluate the firefighting water supply resources within the County. This should include both fixed and mobile supply issues. Lack of sufficient water supply makes it difficult for firefighters to suppress fires. Whenever possible, increasing access to water along water service delivery lines (wet and dry hydrants) would provide additional resources for emergency responders.</p>	Wildfire	Fire Chief	Medium	1,2,3,4	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pratt County-22	Seek funding to design and build a safe room at the Pratt County Fairgrounds. The Pratt County Fairgrounds currently does not have any facilities meeting that can be utilized for protection from tornados and high winds. The fairgrounds are utilized on a frequent basis with large numbers of people attending events at the site.	Toronado, Windstorm	Emergency Manager	Medium	1,2	\$500,000	Local, State, Federal	12/31/2020	New
Pratt County-23	Seek funding to install a backup power generator at the Pratt County Fairgrounds. Once installed the generator would allow the site to be used for recovery operations without having to wait for the delivery of a generator from off site.	Utility/ Infrastructure Failure	Emergency Manager	High	1,2	\$40,000	Local, State, Federal	12/31/2020	New
Pratt County-24	Purchase and install a reverse 911 and/or emergency notification system system in Pawnee County.	All Hazards	Emergency Management Director	Medium	1,2	\$15,000	Local	12/31/2020	New
Pratt County-25	Study drainage throughout the county and townships, and implement measures for flood control management and improvement. Clearing, and keeping ditches and waterways clean and clear of debris. Keep drainage and ditches at proper depths and widths. Maintain culvers and bridges at proper sizes and keep them clear of sediment and debris. Increase culvert as necessary.	Flood	Emergency Manager	Medium	1,2	\$50,000 - \$500,000	Local, State	12/31/2025	New
Pratt County-26	Purchase and install a security system for Pratt Regional Medical center and all Annexes.	All Hazards	Hospital Preparedness Cooridinator	High	1,2	\$200,000	Local, State, Federal	12/31/2020	New
Pratt County-27	Protection of a life sustaining resource, Pratt Regional Medical Center's liquid oxygen tank by moving the tank to a different location and construct a concrete structure around it to protect it from hazards.	Tornado, Windstorm, Winter Storm	Hospital Preparedness Coordinator	High	1	\$40,000	HMGP	Unknown	New
Pratt County-28	Construct a Decontamination/ Emergency Bay to decontaminate individuals before they enter the Pratt Regional Medical Center.	All Hazards	Hospital Preparedness Coordinator	High	1	\$102,000	HMGP	Unknown	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Byers-1	Continue to improve and upgrade outdoor warning siren systems with additional sirens placed on the west edge of Pratt near Skyline School and another in the City of Byers.	All Hazards	Emergency Manager	Medium	1,2	\$15,000	Local	12/31/2020	Complete
Byers-2	Obtain funding for the purchase and installation of a backup power generator for the local fire station. In the event of a natural disaster and a subsequent loss of power the local fire department does not have a way to open the overhead doors of the station. The basement is used as an emergency shelter and would benefit from having access to alternative power.	Utility/ Infrastructure Failure	Fire Chief	Medium	1,2	\$40,000	Local, State, Federal	12/31/2020	Complete
Byers-3	Seek funding to design and build safe rooms. The community does not have any protection from tornado and high wind, and very few residents have basements.	Tornado, Windstorm	Mayor	High	1,2	\$350,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Byers-4	Appoint a committee to develop an application package for participation in the NFIP, to include an Application for Participation, a Resolution of Intent, which indicates an explicit desire to participate in the NFIP, and Floodplain Management Regulations that exceed the minimum flood plain management requirements of the NFIP.	Flood	Mayor	Medium	1,2,3	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Coats-1	Continue to improve and upgrade outdoor warning siren systems with additional sirens placed in the city. Reduce the possibility of damages and loss of life to the citizens by upgrading the early warning system for the Jurisdiction.	All Hazards	Emergency Manager	Medium	1,2	Complete	Local	12/31/2020	Complete

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Coats-2	Seek funding to design and build safe rooms for the City of Coats. The community of Coats does not have any protection from tornado and high wind, and very few residents have basements. Additionally, funding resources are scarce. Consideration should be given to constructing community safe rooms for residents during tornadic events.	Toronado, Windstorm	Mayor	High	1,2	\$350,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Coats-3	Appoint a committee to consider developing an application package for participation in the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program. The jurisdiction must submit an application package that includes the following: The jurisdiction must make an Application for Participation in the NFIP (FEMA Form 81-64); The jurisdiction must adopt a Resolution of Intent, which indicates an explicit desire to participate in the NFIP and a committment to recognize flood hazards and carry out the objectives of the program; The jurisdiction must adopt and submit Floodplain Management Regulations that exceed the minimum flood plain management requirements of the NFIP (Title 44 of the Code of Federal Regulations (44 CFR) section 60.3); The jurisdiction's floodplain management regulations must be legally enforceable.	Flood	Mayor	Medium	1,2,4	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Coats-4	<p>Appoint a committee to evaluate and consider the installation of fencing around the Kanza COOP to create a secure perimeter around the various chemical storage tanks located on the grounds. Coats is basically an agricultural community. An intentional release or theft of anhydrous ammonia or other hazardous materials stored at the Kanza COOP would create a public safety hazard. Installation of fencing at this site would not only help to secure the chemicals but also enhance the safety of local residents.</p>	Hazardous Material	Mayor	Medium	1,2	Staff Time	Local, State	12/31/2020	On-going, no reportable progress made
Cullison-1	<p>Seek funding to design and build safe rooms for the town of Cullison. The community of Cullison does not have any protection from tornado and high wind, and very few residents have basements. Additionally, funding resources are scarce. Consideration should be given to constructing community safe rooms for residents during tornadic events.</p>	Tornado, Windstorm	Mayor	High	1,2	\$400,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Cullison-2	Appoint a committee to consider developing an application package for participation in the NFIP.	Flood	Mayor	Medium	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Cullison-3	Conduct a study to determine the efficacy of the existing warning siren system within the Jurisdiction, and repair or install new sirens as needed to ensure area coverage. Reduce the possibility of damages and loss of life to the citizens by maintaining and upgrading the early warning system for the City of Cullison.	All Hazards	Mayor	Medium	1,2	Done	Local, State, Federal, Rural Development Grants	12/31/2020	Complete 2011
Cullison-4	Pursue funding for the purchase and installation of a backup power generator for local storm siren. In a scenario where the jurisdiction suffers a power outage during a severe weather event providing alternative power to the emergency storm sirens has become a growing concern. Providing alternative power such as a backup power generator would enable the jurisdiction to continue to alert residents of impending danger and afford them time to seek shelter.	Utility/ Infrastructure Failure	Mayor	Medium	1,2	Done	Local, State, Federal, Rural Development Grants	12/31/2020	Complete 2011
Iuka-1	Appoint a committee to consider developing an application package for participation in the NFIP.	Flood	Mayor	Medium	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Iuka-2	Conduct a study to determine the efficacy of the existing warning siren system within the Jurisdiction, and repair or install new sirens as needed to ensure area coverage. Reduce the possibility of damages and loss of life to the citizens by maintaining and upgrading the early warning system for the City of Iuka.	Tornado, Windstorm	Mayor	Medium	1,2	done	Local	12/31/2020	Complete
Iuka-3	Pursue funding for the purchase and installation of a backup power generator for local storm siren. In a scenario where the jurisdiction suffers a power outage during a severe weather event providing alternative power to the emergency storm sirens has become a growing concern. Providing alternative power such as a backup power generator would enable the jurisdiction to continue to alert residents of impending danger and afford them time to seek shelter.	Utility/ Infrastructure Failure	Mayor	Medium	1,2	done	Local, State, Federal, Rural Development Grants	12/31/2020	Complete
Iuka-4	Seek funding to design and build safe rooms for the town of Iuka.	Tornado, Windstorm	Mayor	High	1,2	\$1,000,000	Local, State, Federal, Rural Development Grants	12/31/2020	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
City of Pratt-1	Seek funding to design and build safe rooms for the town of Pratt.	Tornado, Windstorm	Mayor	High	1,2	\$400,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
City of Pratt-2	Establish a committee to identify potential funding sources and consider the purchase of additional equipment for the jurisdiction to enhance road maintenance capabilities. Winter storms and their variety of weather conditions that they can create (heavy snow, ice storm, etc.) have become a concern for the jurisdiction. Recent storms revealed the inadequacy of current equipment to maintain open roadways to critical facilities and jeopardizing emergency response agencies abilities to provide service to the community. Equipment such as a road grader with a plow would be the type of equipment needed to keep roadways clear during winter storms.	Winter Storm	Mayor	Medium	1,2,4	done	Local, State, Federal	12/31/2020	Complete
City of Pratt-3	Appoint a planning committee to assess flood prone areas and recommend flood reduction measures to city planners. Flood zone mapping has provided initial identification of potential hazard areas that can be reviewed with other data sources, such as the watershed districts goals and objectives, in developing long range planning activities for flood prevention, or other planning steps to reduce exposure to this hazard.	Flood	Planner	Medium	1,2,4	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Preston-1	Appoint a committee to consider developing an application package for participation in the NFIP.	Flood	Mayor	Medium	1,2,4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Preston-2	Conduct a study to determine the efficacy of the existing warning siren system within the Jurisdiction, and repair or install new sirens as needed to ensure area coverage. Reduce the possibility of damages and loss of life to the citizens by maintaining and upgrading the early warning system for the City of Preston.	All Hazards	Mayor	Medium	1,2	Done	Local, State, Federal, Rural Development Grant	12/31/2020	Complete 2011
Preston-3	Pursue funding for the purchase and installation of a backup power generator for local storm siren. In the event that the jurisdiction would suffer a power outage during a severe weather event providing alternative power to the emergency storm sirens has become a growing concern. Providing alternative power such as a backup power generator would enable the jurisdiction to continue to alert residents of impending danger and afford them time to seek shelter.	Utility/ Infrastructure Failure	Mayor	Medium	1,2	Done	Local, State, Federal, Rural Development Grant	12/31/2020	Complete 2011
Preston-4	Seek funding to design and build safe rooms for the town of Preston.	Tornado, Windstorm	City Clerk	High	1,2	\$500,000	Local, State, Federal, Rural Development Grant	12/31/2020	New
Preston-5	Seek funding to upgrade/repair existing water tower. The City of Preston currently is need of repairs to its water tower to meet state regulations. Repairs to the existing water tower will have to be through the use of grant funding.	Utility/ Infrastructure Failure	City Clerk	Medium	1,2	\$200,000	Local, State, Federal, Rural Development Grant	12/31/2020	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Sawyer-1	Appoint a committee to consider developing an application package for participation in the NFIP.	Flood	Mayor	Medium	1,2	Delete	Local	12/31/2020	Delete - City Council voted not to proceed.
Sawyer-2	Seek funding to design and build safe rooms for the town of Sawyer. The community of Sawyer does not have any protection from tornado and high wind, and very few residents have basements. Additionally, funding resources are scarce. Consideration should be given to constructing community safe rooms for residents during tornadic events.	Tornado, Windstorm	Mayor	High	1,2	\$400,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Sawyer-3	Seek funding to replace/upgrade the existing outdoor warning siren. The City of Sawyer was unable to take advantage of the outdoor warning siren grant that was offered a couple years ago. New siren would reduce the the possibility of damages and loss of life to the citizens by maintaining and upgrading the early warning system for the City of Sawyer. Plan for Replacement/upgrade to the existing outdoor warning device (siren) will have to be through the use of grant funding.	Tornado, Windstorm	City Clerk	High	1,2	\$25,000	Local, State, Federal	12/31/2020	New
Pratt Community College-1	Develop and fund mitigation projects for the construction of tornado safe rooms on the Pratt Community College campus. Schools are particularly vulnerable to potential damage from tornadoes and high winds. Students, faculty, and staff should seek safe shelter when a tornado threatens. Tornado safe rooms should be constructed in schools to ensure a safe place for students to go during a tornado event. Safe rooms may be funded during new school construction, as part of school additions, or as retrofits.	Tornado	Superintendent	Medium	1,2	\$1,000,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pratt Community College-2	Research and pursue funding for the implementation of alternative forms of public warning and mass notification systems during inclement weather and/or emergencies. In a scenario where severe weather conditions would appear to be imminent Pratt Community College has identified the need to evaluate and utilize methods to enhance their ability to alert the people on campus. Alternate alert systems such as or similar to the ADT Clear Warning Alert System or a mass text messaging system may provide a viable option to increase the safety of students, staff, and faculty.	All Hazards	Superintendent	Medium	1,2	Unknown	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Pratt Community College-3	Emergency shelter electricity study. Pratt Community College is listed as a red-cross shelter. To be prepared for this responsibility, it is necessary to have a reliable means of attaching an external generator. The facility would provide numerous uses to the community in the event of a regional disaster. The use could vary significantly. A study is necessary to establish the most effective/efficient means of supplying external power to the necessary facilities. Based on the outcome of the study, appropriate changes will be made to the facility. The issue can be addressed through a study of the facilities' existing resources, and a proposal to implement the necessary changes. Pending funding, the proposal will then be implemented ensuring function of the facilities in an emergency.	All Hazards	Planning and Assessment Assistant	Medium	1,2	\$5,000	Local, State, Federal	3 months	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Pratt Community College-4	Permanent communication generator. Pratt Community College has a population of students living on campus at all times. In the event of an emergency, it will necessary to communicate the status of the institution and its residence. This is also true if the campus is used as a Red Cross shelter – as it is registered to do. Currently, all of the institution’s communication systems rely on electricity from the grid. If the electrical grid is disabled it will be necessary to power the systems from a permanent generator. To address this issue, it will be necessary to study which systems are necessary for communication in the event of an emergency. Upon the finds of that study it will be pertinent to purchase and install a permanent generator for the Benson Education Center.	All Hazards	Planning and Assessment Assistant	High	1,2	\$30,000	Local, State, Federal	3 months	New
USD#382-1	Develop and fund mitigation projects for the construction of tornado safe rooms in Unified School District 382 schools.	Tornado	Superintendent	Medium	1,2	\$1,000,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
USD#382-2	Seek funding for the purchase and installtion of backup power sources in USD 382 facilities. As USD 382 schools have been identified by the local chapter of the American Red Cross as designated emergency shelters it is considered critical to maintain power during a natural disaster and the subsequent loss of power.	Utility/ Infrastructure Failure	Superintendent	Medium	1,2	\$40,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD#382-3	Assess elevations and water flow in the district to qualify the benefit of flood control projects in the District. The Pratt Unified School District #382 would like to consider analyzing the potential benefits of constructing soil-based berms, and other flood control projects, around various facilities in the district to mitigate the effects from flooding.	Flood	Superintendent	Medium	1,2	Staff Time	Local, State, Federal	12/31/2020	On-going, no reportable progress made
USD#382-4	Establish a committee to research and evaluate the benefits of purchasing flood insurance for the school district. Using Manifold.Net GIS software to produce aerial images overlaid with FEMA FIRM maps it was determined that both Pratt High School and Zerger Field are located in an identified Special Flood Hazard Area (SFHA) Zone A. USD 382 would like assess the potential benefits that purchasing flood insurance would provide the district following a flood event.	Flood	Superintendent	High	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
USD#382-5	Continue and enhance security systems in all USD382 buildings. Cameras help protect students and buildings from intruders and vandalism. 1) Continue to purchase updated hardware and software. 2) Begin with Southwest Elementary, move to Zerger Field, Liberty Middle, and then add to Pratt High School	All Hazards	Superintendent	High	1,2	\$20,000	Capital Outlay	12/31/2020	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD#438-1	Conduct an engineering study of the existing school buildings to develop and implement wind resistant design modifications to reduce exposure to all types of wind events. Additional techniques include adding protection for windows (i.e. shutters), anchoring door frames with multiple hinges, stiffening garage doors with additional bracing, reinforcing masonry chimneys with vertical steel, and strengthening connections between walls and the roof with hurricane straps and ties. These techniques should be considered in upgrading existing structures to withstand high winds and minimize damage to structures.	Tornado, Windstorm	Superintendent	Medium	1,2	\$35,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
USD#438-2	Seek funding for the purchase and installation of backup power sources in USD 438 facilities. As USD 438 schools have been identified by the local chapter of the American Red Cross as designated emergency shelters it is considered critical to maintain power during a natural disaster and the subsequent loss of power.	Utility/ Infrastructure Failure	Superintendent	Medium	1,2	\$40,000	Local, State, Federal	12/31/2020	Completed. Worked with local Coop and upgraded transformer and electrical lines.
MidWest Energy-1	ACSR Conductor. Replace damaged copperweld conductor with equivalent but not less than 2 ACSR conductor. Copperweld conductor is no longer readily available and the cost of copper has risen to where it is no longer economically feasible to use. Reconductor existing copper-weld lines with aluminum steel reinforced conductor and replace poles as needed.	Utility/ Infrastructure Failure	Director	High	1,2	\$1,000,000	Local, State, Federal	12/31/2020	New
Ninnescah Rural Electric Cooperative-1	Materials to help with our educational programs for children in order to share the message of the dangers of electricity.	Utility/ Infrastructure Failure	General Manager	Low	3	\$2,000	Local, State, Federal	12/31/2020	New

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
South Pioneer REC-1	Upgrade and Enhance Power lines. Replacement of CWC single-phase line of enhanced design. The miles of line selected will meet several points of prioritization and evaluation and represent a small percentage of total CWC miles in the rural electric distribution system. Replacing the lines would significantly mitigate losses due to damages and greatly enhance reliability in the surrounding areas. The aged CWC construction has sustained much damage over the years and was not built to current and acceptable standards. Nearly all of RECs membership in the county would directly, if not indirectly, benefit from improved safety and improved reliability of such replacements.	All Hazards	Rural Electric Coop	Medium	1,2	\$1,160,000	HMGP Grant, PDM Grant, Local Budget, Grants, Heartland REC	4 years	New
American Red Cross 1-1	Inventory and identify equipment and supplies shortfalls and purchase needed equipment for emergencies and disasters.	All Hazards	Director	Medium	1,2	\$50,000	Local, State, Federal	5 years	New

5.6.8 STAFFORD COUNTY

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Stafford County-1	The County and local governments will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Flood	Emergency Manager	Medium	3,4	Staff Time	Local, State	12/31/2020	On-going, no reportable progress made
Stafford County-2	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited government offices. FEMA, the Kansas Division of Emergency Management, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	Local, State	Continuous	On-going, no reportable progress made, Continuous
Stafford County-3	Coordinate county and local government mitigation efforts with Rural Electric Cooperatives (REC's), encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	Rural Electric Director, Emergency Manager	High	4	Staff Time	NA	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Stafford County-4	Annually host a public “hazards workshop” in combination with local festivals, fairs, or other appropriate Community events. A hazard workshop for residents should be added to an established event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten Stafford County, and the mitigation and preparedness measures available to protect them. Guest speakers from the National Weather Service, the Kansas Division of Emergency Management, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	3	\$500 per workshop	Local, State	Continuous	On-going, no reportable progress made, Continuous
Stafford County-5	Encourage the construction of safe rooms and tornado shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Emergency Manager	High	1,2	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Stafford County-6	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Stafford County-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the county and regional economies, and develop and implement plans to address these issues. Stafford County is an agricultural community. An intentional introduction of a foreign animal disease would be devastating to the local economy as well as the rest of the state and country. The County formed a FAD Committee to address these concerns. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	Medium	3	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Stafford County-8	Prepare and adopt an Outdoor Warning Sirens Plan for the county, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations. Many of the unincorporated and incorporated areas of the county have older warning systems or none at all. To better serve the citizens of Stafford County studies should be conducted to evaluate measures to be taken to improve overall emergency warning services.	All Hazards	Emergency Manager	High	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Stafford County-9	Conduct an inventory/survey for the county's emergency response services to identify any existing needs or shortfalls in terms of personnel, equipment or required resources. A survey should be completed in order to verify the county's current emergency services are adequate to protect public health and safety from most probable hazard events. Any identified needs or shortfalls should become documented and result in specific recommendations to the County Commission for emergency service enhancements.	All Hazards	Emergency Manager	Medium	1,2	Staff Time	Local, State	12/31/2020	On-going, no reportable progress made
Stafford County-10	Research, develop and recommend an ordinance/resolution to require installation of tornado shelters for new major manufactured and/or mobile home parks with more than 30 mobile home spaces. Mobile homes are particularly vulnerable to damage from high winds. Residents, even those who live in mobile homes with tie-downs, should seek safe shelter when a tornado threatens. Tornado shelters should be constructed in major mobile home parks to ensure a safe place for residents to go during a tornado event. The shelter structure, which should be designed to withstand a minimum of 120mph winds, could easily serve an alternate purpose such as a community center, laundry facility, etc. Tornado shelters should be for last minute protection for high wind events.	Tornado, Windstorm	Director Planning and Zoning	Medium	1,2	Staff Time	NA	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Stafford County-11	Develop cross-departmental information collection capabilities, and incorporate (building/parcel) data utilizing a GIS for purposes of conducting more detailed hazard risk assessments, and for tracking permitting / land use patterns, buildings and infrastructure replacement costs, and overall structural accounting for the county. A comprehensive catalog of data can greatly enhance the county's technical capability to manage, analyze and display spatially referenced data. Stafford County has basic GIS capabilities available through the Appraiser's Office. Further development of this capability for functional use across all departments will enhance the county's overall capabilities to document building/structure cost data, and further hazard mitigation goals in developing data for the county.	All Hazards	Appraiser, Director of Planning and Zoning	High	4	Staff Time	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Stafford County-12	Develop and implement a wildfire prevention/education program. In addition to providing education to the general public, the program should also target children, fire and equipment users, builders and developers, and homeowners. Stafford County does not have a burn ban ordinance, but they do monitor national and state weather forecasts for drought, heat wave, and lightning events. When dangerous conditions are eminent the Stafford County Fire Chief requests the county commission to issue a burn ban for protection from wildfire. To better educate the public at large, Stafford County should expand their existing fire protection program to include wildfire workshops to all age groups and commercial operations.	Wildfire	Fire Chief	Medium	1,2,3,4	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Stafford County-13	Examine the current agreements within the county and assess the need to expand or update cooperative agreements for firefighting resources. Include agreements with local, state and federal agencies. Cooperative agreements provide the support needed in times of emergency, and are an important element of planning, with the long-range goal of reducing damage to structures and systems within the jurisdiction.	Wildfire	Fire Chief	Medium	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Stafford County-14	Examine the current agreements within the county and assess the need to expand or update cooperative agreements for firefighting resources. Include agreements with local, state and federal agencies. Cooperative agreements provide the support needed in times of emergency, and are an important element of planning, with the long-range goal of reducing damage to structures and systems within the jurisdiction.	Wildfire	Fire Chief	Medium	4	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Stafford County-15	Create a working group to evaluate the firefighting water supply resources within the County. This should include both fixed and mobile supply issues. Lack of sufficient water supply makes it difficult for firefighters to suppress fires. Whenever possible, increasing access to water along water service delivery lines (wet and dry hydrants) would provide additional resources for emergency responders.	Wildfire	Fire Chief	Medium	1,2,3,4	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Stafford County-16	<p>Appoint a committee to research and recommend appropriate building codes for the County that includes wind-resistant design techniques for new construction. Stafford County does not have any building code requirements. Incorporated and unincorporated areas of the county should adopt and enforce codes that require certain minimum building practices and contractor licensing for wind loss reduction. Experts agree that structures built to exceed high wind provisions have a much greater chance of surviving violent windstorms. Additional techniques include adding protection for windows (i.e., shutters), anchoring door frames with multiple hinges, stiffening garage doors with additional bracing, reinforcing masonry chimneys with vertical steel, and strengthening connections between walls and the roof with hurricane straps and ties. These techniques should be promoted to building contractors and homebuyers by the county for all new residential construction, to the maximum extent possible during the building permit process.</p>	Tornado, Windstorm	Director Planning and Zoning	High	1,2	Staff Time	NA	12/31/2020	On-going, no reportable progress made
Stafford County-17	<p>Encourage the repositioning of as many utility lines as possible underground. Consider local regulations to require the placement of all new utility lines underground. Encourage utility providers and municipalities within the county to require that utility lines and mains be installed underground. Buried power lines offer the security of uninterrupted power during and after storms. However, consideration needs to be made for maintenance and repair, particularly in cold climates where soil freezes more readily.</p>	Utility/ Infrastructure Failure	Director Planning and Zoning, and Roads and Bridges	High	1,2	Unknown	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Stafford County-18	<p>Appoint a planning committee to develop an annex to the Local Emergency Operations Plan (LEOP) for Dam / Levee Failure response and evacuation plan for High Hazard structures. Stafford County has five dams in the county that are regulated by the Kansas Department of Agriculture, Water Resources Department. One of structures is classified as “High Hazard”, and is owned and operated by the US Fish and Wildlife Service. The State evaluation of the dams is based on location in areas where failure may cause extensive loss of life, serious damage to homes, industrial and commercial facilities, important public utilities, main highways or railroads. It is important to note that a high hazard dam is not necessarily unsafe, as defined by the State of Kansas. An individual dam’s hazard classification is based upon the potential consequences of dam failure and does not reflect the physical condition of the dam. Preparing for a potential emergency is an essential planning step to secure the people and property downstream from a potential breach or dam failure.</p>	Dam and Levee Failure	Emergency Manager	Medium	1,2	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Stafford County-19	<p>Emergency Management will contact the owner of the high hazard dam, the Cedar Creek Reservoir, in the county, and inform them of their responsibility to provide Emergency Action Plan to Stafford County Emergency Management as prescribed by the KDA- Water Resources Division, Chief Engineer. Stafford County has 5 dams in the county that are regulated by the Kansas Department of Agriculture, Water Resources Department. One of these structures is classified as a “High Hazard” structure. This structure should have Emergency Action Plans on file with emergency management for the protection of life and property downstream of these structures. The State evaluation of the dams is based on location in areas where failure may cause extensive loss of life, serious damage to homes, industrial and commercial facilities, important public utilities, main highways or railroads. It is important to note that a classification as “High Hazard” is not necessarily unsafe, as defined by the State of Kansas. An individual dam or levee hazard classification is based upon the potential consequences of dam failure and does not reflect the physical condition of the dam. Preparing for a potential emergency is an essential planning step to secure the people and property downstream from a potential breach or dam failure.</p>	Dam and Levee Failure	Emergency Manager	Medium	1,2,3	Staff Time	Local	12/31/2020	This project continues to be valid, however no progress has been made to date.

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Stafford County-20	Identify the county's most at-risk critical facilities, evaluate potential mitigation techniques for protecting each facility to the maximum extent possible. A thorough evaluation of potential mitigation opportunities for Stafford County's critical facilities should be completed. Currently, there is very little available data on these facilities. An inventory/ database on critical facilities should be created and maintained by the county and shared with the Kansas Division of Emergency Management. This inventory should include information on the location and risk to each facility, and should also document any cost-effective mitigation techniques to consider when funding becomes available.	All Hazards	Emergency Manager	Medium	2	Staff Time	Local	12/31/2020	On-going, no reportable progress made
Hudson-1	The City of Hudson will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Flood	Emergency Manager	Medium	1,2,4	Staff Time	Local, State	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hudson-2	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited government offices. FEMA, the Kansas Division of Emergency Management, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	Local, State	Continuous	On-going, no reportable progress made, Continuous
Hudson-3	Coordinate county and local government mitigation efforts with Rural Electric Cooperatives (REC's), encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	Rural Electric Director, Emergency Manager	High	4	Staff Time	NA	Continuous	On-going, no reportable progress made, Continuous
Hudson-4	Annually host a public "hazards workshop" in combination with local festivals, fairs, or other appropriate Community events. A hazard workshop for residents should be added to an established event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten Stafford County, and the mitigation and preparedness measures available to protect them. Guest speakers from the National Weather Service, the Kansas Division of Emergency Management, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	3	500 per workshop	Local, State	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hudson-5	Encourage and construct safe rooms and tornado shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Emergency Manager	High	1,2	\$400,000	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Hudson-6	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Hudson-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the city and regional economies, and develop and implement plans to address these issues. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	Medium	3	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Hudson-8	Prepare and adopt an Outdoor Warning Sirens Plan for the city, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations.	All Hazards	Emergency Manager	High	1,2	\$60,000	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Hudson-9	Research and pursue funding for the installation of alternative forms of public warning and mass notification systems during inclement weather. In a scenario where severe weather conditions would appear to be imminent the City of Hudson has identified the need to evaluate and utilize additional methods to enhance their ability to alert the citizens of the town. Alternate alert systems such as or similar to the ADT Clear Warning Alert System may provide a viable option to increase the safety of the residents in the community.	All Hazards	Mayor	Medium	1,2	\$50,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Hudson-10	Seek funding to design and build a tornado shelter for the City of Hudson. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Mayor	Medium	1,2	\$500,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Macksville-1	The City of Macksville will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Flood	Emergency Manager	Medium	1,2,4	Staff Time	Local, State	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Macksville-2	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited government offices. FEMA, the Kansas Division of Emergency Management, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	Local, State	Continuous	On-going, no reportable progress made, Continuous
Macksville-3	Coordinate county and local government mitigation efforts with Rural Electric Cooperatives (REC's), encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	Rural Electric Director, Emergency Manager	High	4	Staff Time	NA	Continuous	On-going, no reportable progress made, Continuous
Macksville-4	Annually host a public "hazards workshop" in combination with local festivals, fairs, or other appropriate Community events. A hazard workshop for residents should be added to an established event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten Stafford County, and the mitigation and preparedness measures available to protect them. Guest speakers from the National Weather Service, the Kansas Division of Emergency Management, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	3	300 per workshop	Local, State	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Macksville-5	Encourage and construct safe rooms and tornado shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Emergency Manager	High	1,2	\$350,000	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Macksville-6	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, the Kansas Department of Transportation (KDOT) and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
Macksville-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the city and regional economies, and develop and implement plans to address these issues. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	Medium	3	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Macksville-8	Prepare and adopt an Outdoor Warning Sirens Plan for the city, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations.	All Hazards	Emergency Manager	High	1,2	\$45,000	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Macksville-9	Research and pursue funding for the installation of alternative forms of public warning and mass notification systems during inclement weather. In a scenario where severe weather conditions would appear to be imminent the City of Macksville has identified the need to evaluate and utilize additional methods to enhance their ability to alert the citizens of the town. Alternate alert systems such as or similar to the ADT Clear Warning Alert System may provide a viable option to increase the safety of the residents in the community.	All Hazards	Mayor	Medium	1,2	Unknown	Local, State, Federal	12/31/2020	On-going, no reportable progress made
Macksville-10	Appoint a committee to research and develop an application package for participation in the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program. The jurisdiction must submit an application package that includes the following: The jurisdiction must make an Application for Participation in the NFIP (FEMA Form 81-64); The jurisdiction must adopt a Resolution of Intent, which indicates an explicit desire to participate in the NFIP and a commitment to recognize flood hazards and carry out the objectives of the program; The jurisdiction must adopt and submit Floodplain Management Regulations that exceed the minimum flood plain management requirements of the NFIP (Title 44 of the Code of Federal Regulations (44 CFR) section 60.3); The jurisdiction's floodplain management regulations must be legally enforceable.	Flood	Mayor	Medium	1,2,4	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Radium-1	The City of Radium will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Flood	Emergency Manager	Medium	1,2,4	Staff Time	Local, State	12/31/2020	On-going, no reportable progress made
Radium-2	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited government offices. FEMA, the Kansas Division of Emergency Management, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	Local, State	Continuous	On-going, no reportable progress made, Continuous
Radium-3	Coordinate county and local government mitigation efforts with Rural Electric Cooperatives (REC's), encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	Rural Electric Director, Emergency Manager	High	4	Staff Time	NA	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Radium-4	Annually host a public “hazards workshop” in combination with local festivals, fairs, or other appropriate Community events. A hazard workshop for residents should be added to an established event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten Stafford County, and the mitigation and preparedness measures available to protect them. Guest speakers from the National Weather Service, the Kansas Division of Emergency Management, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	3	\$250 per workshop	Local, State	Continuous	On-going, no reportable progress made, Continuous
Radium-5	Encourage and construct safe rooms and tornado shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Emergency Manager	High	1,2	\$350,000	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Radium-6	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, the Kansas Department of Transportation (KDOT) and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Radium-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the city and regional economies, and develop and implement plans to address these issues. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	Medium	3	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Radium-8	Prepare and adopt an Outdoor Warning Sirens Plan for the city, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations.	All Hazards	Emergency Manager	High	1,2	\$45,000	Local	12/31/2020	On-going, no reportable progress made
Radium-9	Research and pursue funding for the installation of alternative forms of public warning and mass notification systems during inclement weather. In a scenario where severe weather conditions would appear to be imminent the City of Radium has identified the need to evaluate and utilize additional methods to enhance their ability to alert the citizens of the town. Alternate alert systems such as or similar to the ADT Clear Warning Alert System may provide a viable option to increase the safety of the residents in the community.	All Hazards	Mayor	Medium	1,2	Unknown	Local, State, Federal	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Seward-1	The City of Seward will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Flood	Emergency Manager	Medium	1,2,4	Staff Time	Local, State	12/31/2020	On-going, no reportable progress made
Seward-2	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited government offices. FEMA, the Kansas Division of Emergency Management, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	Local, State	Continuous	On-going, no reportable progress made, Continuous
Seward-3	Coordinate county and local government mitigation efforts with Rural Electric Cooperatives (REC's), encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	Rural Electric Director, Emergency Manager	High	4	Staff Time	NA	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Seward-4	Annually host a public “hazards workshop” in combination with local festivals, fairs, or other appropriate Community events. A hazard workshop for residents should be added to an established event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten Stafford County, and the mitigation and preparedness measures available to protect them. Guest speakers from the National Weather Service, the Kansas Division of Emergency Management, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	3	\$300 per workshop	Local, State	Continuous	On-going, no reportable progress made, Continuous
Seward-5	Encourage the construction of safe rooms and tornado shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Emergency Manager	High	1,2	\$350,000	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Seward-6	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, the Kansas Department of Transportation (KDOT) and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Seward-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the city and regional economies, and develop and implement plans to address these issues. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	Medium	3	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
Seward-8	Prepare and adopt an Outdoor Warning Sirens Plan for the city, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations.	All Hazards	Emergency Manager	High	1,2	Unknown	Local	12/31/2020	On-going, no reportable progress made
Seward-9	Research and pursue funding for the installation of alternative forms of public warning and mass notification systems during inclement weather. In a scenario where severe weather conditions would appear to be imminent the City of Hudson has identified the need to evaluate and utilize additional methods to enhance their ability to alert the citizens of the town. Alternate alert systems such as or similar to the ADT Clear Warning Alert System may provide a viable option to increase the safety of the residents in the community.	All Hazards	Mayor	Medium	1,2	\$30,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
Seward-10	Establish an committee to provide and distribute educational brochures about the dangers and use of propane for residential and commercial properties in the community. All residents in the jurisdiction use propane as their energy source. Currently, the City Clerk puts out semi-annual notices to the public reminding them to have their propane systems checked. The jurisdiction would like to provide additional information about the dangers of propane as any number of natural hazard events could cause failure of the propane systems in the town.	Hazardous Material	Mayor	Medium	1,2,3,4	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
St. John-1	The City of St. John will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Flood	Emergency Manager	Medium	1,2,4	Staff Time	Local, State	12/31/2020	On-going, no reportable progress made
St. John-2	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited government offices. FEMA, the Kansas Division of Emergency Management, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	Local, State	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
St. John-3	Coordinate county and local government mitigation efforts with Rural Electric Cooperatives (REC's), encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	Rural Electric Director, Emergency Manager	High	4	Staff Time	NA	Continuous	On-going, no reportable progress made, Continuous
St. John-4	Annually host a public "hazards workshop" in combination with local festivals, fairs, or other appropriate Community events. A hazard workshop for residents should be added to an established event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten Stafford County, and the mitigation and preparedness measures available to protect them. Guest speakers from the National Weather Service, the Kansas Division of Emergency Management, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	3	\$500 per workshop	Local, State	Continuous	On-going, no reportable progress made, Continuous
St. John-5	Encourage and construct safe rooms and tornado shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Emergency Manager	High	1,2	\$500,000	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
St. John-6	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, KDOT and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous
St. John-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the city and regional economies, and develop and implement plans to address these issues. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	Medium	3	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
St. John-8	Prepare and adopt an Outdoor Warning Sirens Plan for the city, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations.	All Hazards	Emergency Manager	High	1,2	\$30,000	Local	12/31/2020	On-going, no reportable progress made
St. John-9	Research and pursue funding for the installation of alternative forms of public warning and mass notification systems during inclement weather. In a scenario where severe weather conditions would appear to be imminent the City of St. John has identified the need to evaluate and utilize additional methods to enhance their ability to alert the citizens of the town. Alternate alert systems such as or similar to the ADT Clear Warning Alert System may provide a viable option to increase the safety of the residents in the community.	All Hazards	Mayor	Medium	1,2	Unknown	Local, State, Federal	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
City of Stafford-1	The City of Stafford will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Flood	Emergency Manager	Medium	1,2,4	Staff Time	Local, State	12/31/2020	On-going, no reportable progress made
City of Stafford-2	Collect educational materials on individual and family preparedness / mitigation measures for property owners, and display at both the library and routinely visited government offices. FEMA, the Kansas Division of Emergency Management, the National Weather Service and other agencies provide information brochures and pamphlets on property protection measures at no cost to local governments.	All Hazards	Emergency Manager	High	3	Staff Time	Local, State	Continuous	On-going, no reportable progress made, Continuous
City of Stafford-3	Coordinate county and local government mitigation efforts with Rural Electric Cooperatives (REC's), encourage identification of hazards potentially affecting their infrastructure, assessment of the vulnerabilities of the infrastructure to these hazards, and identification of mitigation strategies. Long-term planning goals that will reduce exposure to loss of electrical power are beneficial to all organizations and citizens within the jurisdiction. Power loss during extreme periods of cold or heat increase damage potential to people and property.	Utility/ Infrastructure Failure	Rural Electric Director, Emergency Manager	High	4	Staff Time	NA	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
City of Stafford-4	Annually host a public “hazards workshop” in combination with local festivals, fairs, or other appropriate Community events. A hazard workshop for residents should be added to an established event drawing large crowds. The workshop should be geared toward educating them on the hazards that threaten Stafford County, and the mitigation and preparedness measures available to protect them. Guest speakers from the National Weather Service, the Kansas Division of Emergency Management, and other relevant agencies should be invited to attend, and educational displays/handouts should be provided such as Flood Insurance Rate Maps, FEMA publications, safety tips, etc.	All Hazards	Emergency Manager	Medium	3	\$500 per workshop	Local, State	Continuous	On-going, no reportable progress made, Continuous
City of Stafford-5	Encourage and construct safe rooms and tornado shelters in public and private schools, day care centers and senior care facilities. When severe weather threatens, individuals and families need advance warning and protection from the dangerous forces of extreme winds. Individuals and communities in high-risk tornado and hurricane areas need structurally sound shelters and early alert systems.	Tornado, Windstorm	Emergency Manager	High	1,2	\$350,000	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
City of Stafford-6	Educate residents about driving in winter storms and handling winter-related health effects. USDOT, the Kansas Department of Transportation (KDOT) and other agencies provide information brochures and pamphlets on safe driving measures at no cost to local governments.	Winter Storm	Emergency Manager	High	3	Staff Time	Local	Continuous	On-going, no reportable progress made, Continuous

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
City of Stafford-7	Promote and educate the jurisdiction's public and private sectors on potential agricultural terrorism and bio-terrorism issues that can severely impact the city and regional economies, and develop and implement plans to address these issues. Specific education programs should be developed in coordination with the Kansas Animal Health Department (KAH) to inform ranchers, farmers, and veterinary professionals on the methods to identify, prevent, and treat animal disease outbreaks.	Terrorism/ Agri-Terrorism, Civil Disorder	Emergency Manager	Medium	3	Staff Time	Local, State, Federal	Continuous	On-going, no reportable progress made, Continuous
City of Stafford-8	Prepare and adopt an Outdoor Warning Sirens Plan for the city, including consideration of the unique geographical locations, technical requirements, system types and operational procedures of each local jurisdiction. The plans should include a review of existing outdoor warning siren coverage and recommend new locations if and where there are coverage gaps. Seek funding to install new warning sirens in accordance with the plan recommendations.	All Hazards	Emergency Manager	High	1,2	\$30,000	Local	12/31/2020	Completed 2012

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
City of Stafford-9	<p>The City of Stafford is committed to continued participation and compliance with the NFIP. The decision on whether to join the NFIP is very important for a jurisdiction (community). There is no Federal law that requires a jurisdiction to join the program, and participation is voluntary. A benefit of participation is that the citizens are provided the opportunity to purchase flood insurance to protect themselves against flood losses. Another consideration is that a jurisdiction that has been identified by FEMA as being flood-prone and has not joined the NFIP within one year of being notified of being mapped as flood-prone will be sanctioned. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.</p>	Flood	Mayor	Medium	1,2,4	Staff Time	State, Federal, Grants	Continuous	On-going, no reportable progress made, Continuous
City of Stafford-10	<p>Appoint a planning committee to identify flood prone areas to consider flood reduction measures to city planners. Flood zone mapping has provided initial identification of potential hazard areas that can be reviewed with other data sources, such as the watershed districts goals and objectives, in developing long range planning activities for flash-flood prevention, or other planning steps to reduce exposure to this hazard.</p>	Flood	Mayor	Medium	1,2,3,4	Staff Time	Local	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD#349-1	Develop and fund mitigation projects for the construction of tornado safe rooms in Unified School District 349 schools. Schools are particularly vulnerable to potential damage from tornadoes and high winds. Students, faculty, and staff should seek safe shelter when a tornado threatens. Tornado safe rooms should be constructed in schools to ensure a safe place for students to go during a tornado event. Safe rooms may be funded by FEMA during new school construction, as part of school additions, or as retrofits.	Tornado, Windstorm	Superintendent	Medium	1,2	\$1,000,000	FEMA	12/31/2020	Completed using FEMA funds and USD's Capital Outlay fund.
USD#350-1	Develop and fund mitigation projects for the construction of tornado safe rooms for Unified School District 350 schools. Schools are particularly vulnerable to potential damage from tornadoes and high winds. Students, faculty, and staff should seek safe shelter when a tornado threatens. Tornado safe rooms should be constructed in schools to ensure a safe place for students to go during a tornado event. Safe rooms may be funded by FEMA during new school construction, as part of school additions, or as retrofits.	Tornado, Windstorm	Superintendent	Medium	1,2	\$1,000,000	FEMA	12/31/2020	On-going, no reportable progress made
USD#350-2	Seek funding for the purchase and installation of backup power sources in USD 350 facilities. As USD 350 schools could potentially be utilized for public shelter the district considers it critical to maintain power during a natural hazard event and the possible loss of power.	Utility/ Infrastructure Failure	Superintendent	Medium	1,2	\$50,000	Local, State, Federal	12/31/2020	On-going, no reportable progress made

Action Identification	Description	Hazard Addressed	Responsible Party	Overall Priority	Goal(s) Addressed	Estimated Cost	Potential Funding Source	Proposed Completion Timeframe	Current Status
USD#351-1	Develop and fund mitigation projects for the construction of tornado safe rooms in Unified School District 351 schools. Schools are particularly vulnerable to potential damage from tornadoes and high winds. Students, faculty, and staff should seek safe shelter when a tornado threatens. Tornado safe rooms should be constructed in schools to ensure a safe place for students to go during a tornado event. Safe rooms may be funded by FEMA during new school construction, as part of school additions, or as retrofits.	Tornado, Windstorm	Superintendent	Medium	1,2	\$1,000,000	FEMA	12/31/2020	On-going, no reportable progress made
Arkansas Valley REC-1	Replace damaged copperweld conductor with equivalent but not less than 2 ACSR conductor. Copperweld conductor is no longer readily available and the cost of copper has risen to where it is no longer economically feasible to use. Reconductor existing copper-weld lines with aluminum steel reinforced conductor and replace poles as needed.	Utility/Infrastructure Failure	Director	High	1,2	\$400,000	Local, State, Federal	12/31/2020	New
Midwest REC-1	ACSR Conductor. Replace damaged copperweld conductor with equivalent but not less than 2 ACSR conductor. Copperweld conductor is no longer readily available and the cost of copper has risen to where it is no longer economically feasible to use. Reconductor existing copperweld lines with aluminum steel reinforced conductor and replace poles as needed.	Utility/Infrastructure Failure	Director	High		\$1,000,000	Local, State, Federal	12/31/2020	New

5.7 MITIGATION ACTIONS SUPPORTING NATIONAL FLOOD INSURANCE PROGRAM

Participating jurisdictions within the region are committed to continued participation and compliance with the NFIP. The following table identifies specific, previously listed, mitigation actions supporting this commitment and are provided to assist in NFIP CRS application and compliance.

Actions in Support of NFIP

County	Action Identification	Description	Responsible Party	Current Status
Barber	Barber County-9	Continue participation in the NFIP. Encourage participation in the NFIP for the communities that are not already participants. Continued participation in the NFIP for the communities that are currently participating will insure that individuals are not building in the flood hazard areas within the county. Also, encourage and assist those communities that are not currently participating in the NFIP to obtain membership in the program.	Emergency Manager	On-going, no reportable progress made, Continuous
Barber	Hardtner-9	Continue participation in the NFIP. Encourage participation in the NFIP for the communities that are not already participants. Continued participation in the NFIP for the communities that are currently participating will insure that individuals are not building in the flood hazard areas within the county. Also, encourage and assist those communities that are not currently participating in the NFIP to obtain membership in the program.	Emergency Manager	On-going, no reportable progress made, Continuous
Barber	Hazelton-9	Continue participation in the NFIP. Encourage participation in the NFIP for the communities that are not already participants. Continued participation in the NFIP for the communities that are currently participating will insure that individuals are not building in the flood hazard areas within the county. Also, encourage and assist those communities that are not currently participating in the NFIP to obtain membership in the program.	Emergency Manager	On-going, no reportable progress made, Continuous
Barber	Isabel-9	Continue participation in the NFIP. Encourage participation in the NFIP for the communities that are not already participants. Continued participation in the NFIP for the communities that are currently participating will insure that individuals are not building in the flood hazard areas within the county. Also, encourage and assist those communities that are not currently participating in the NFIP to obtain membership in the program.	Emergency Manager	On-going, no reportable progress made, Continuous
Barber	Kiowa-9	Continue participation in the NFIP. Encourage participation in the NFIP for the communities that are not already participants. Continued participation in the NFIP for the communities that are currently participating will insure that individuals are not building in the flood hazard areas within the county. Also, encourage and assist those communities that are not currently participating in the NFIP to obtain membership in the program.	Emergency Manager	On-going, no reportable progress made, Continuous
Barber	Medicine Lodge-9	Continue participation in the NFIP. Encourage participation in the NFIP for the communities that are not already participants. Continued participation in the NFIP for the communities that are currently participating will insure that individuals are not building in the flood hazard areas within the county. Also, encourage and assist those communities that are not currently participating in the NFIP to obtain membership in the program.	Emergency Manager	On-going, no reportable progress made, Continuous
Barber	Sharon-9	Continue participation in the NFIP. Encourage participation in the NFIP for the communities that are not already participants. Continued participation in the NFIP for the communities that are currently participating will insure that individuals are not building in the flood hazard areas within the county. Also, encourage and assist those communities that are not currently participating in the NFIP to obtain membership in the program.	Emergency Manager	On-going, no reportable progress made, Continuous

County	Action Identification	Description	Responsible Party	Current Status
Barber	Sun City-9	Continue participation in the NFIP. Encourage participation in the NFIP for the communities that are not already participants. Continued participation in the NFIP for the communities that are currently participating will insure that individuals are not building in the flood hazard areas within the county. Also, encourage and assist those communities that are not currently participating in the NFIP to obtain membership in the program.	Emergency Manager	On-going, no reportable progress made, Continuous
Barton	Barton County-1	The County is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	Floodplain Manager	On-going, no reportable progress made, Continuous
Barton	Barton County-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	Floodplain Manager	On-going, no reportable progress made, Continuous
Barton	Claflin-1	The City is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	City Administrator	On-going, no reportable progress made, Continuous
Barton	Claflin-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	City Administrator	On-going, no reportable progress made, Continuous
Barton	Ellinwood-1	The City is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	City Administrator	On-going, no reportable progress made, Continuous
Barton	Ellinwood-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	City Administrator	On-going, no reportable progress made, Continuous
Barton	Galatia-1	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	City Administrator	On-going, no reportable progress made, Continuous

County	Action Identification	Description	Responsible Party	Current Status
Barton	Great Bend-1	The City is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	City Administrator	On-going, no reportable progress made, Continuous
Barton	Great Bend-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	City Administrator	On-going, no reportable progress made, Continuous
Barton	Hoisington-1	The City is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	City Manager	On-going, no reportable progress made, Continuous
Barton	Hoisington-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	City Manager	On-going, no reportable progress made, Continuous
Barton	Olmitz-1	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	City Manager	On-going, no reportable progress made, Continuous
Barton	PawneeRock-1	The City is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	City Manager	On-going, no reportable progress made, Continuous
Barton	PawneeRock-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	City Manager	On-going, no reportable progress made, Continuous

County	Action Identification	Description	Responsible Party	Current Status
Barton	Susank-1	The City is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	City Manager	On-going, no reportable progress made, Continuous
Barton	Susank-2	Advertise and promote the availability of flood insurance to property owners by direct mail once a year. NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents.	City Manager	On-going, no reportable progress made, Continuous
Comanche	Protection-2	Continue to comply with the NFIP regulations by enforcing floodplain management regulations	Mayor	On-going, no reportable progress made, Continuous
Edwards	Edwards County-10	The County and local government will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even of a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Emergency Manager	On-going, no reportable progress made
Edwards	Belpre-10	The County and local government will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even of a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Emergency Manager	On-going, no reportable progress made
Edwards	Kinsley-10	The County and local government will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even of a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Emergency Manager	On-going, no reportable progress made

County	Action Identification	Description	Responsible Party	Current Status
Edwards	Kinsley-11	The City of Kinsley is committed to continued participation and compliance with the NFIP. The decision on whether to join the NFIP is very important for a jurisdiction (community). There is no Federal law that requires a jurisdiction to join the program, and participation is voluntary. A benefit of participation is that the citizens are provided the opportunity to purchase flood insurance to protect themselves against flood losses. Another consideration is that a jurisdiction that has been identified by FEMA as being flood-prone and has not joined the NFIP within one year of being notified of being mapped as flood-prone will be sanctioned. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	City Manager	On-going, no reportable progress made, Continuous
Edwards	Lewis-10	The County and local government will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even of a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Emergency Manager	On-going, no reportable progress made
Edwards	Offerle-10	The County and local government will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even of a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Emergency Manager	On-going, no reportable progress made
Kiowa	Kiowa County-11	Continue to comply with HFIP to include education the public on the NFIP and flood insurance. Congress established the NFIP to address both the need for flood insurance and the need to lessen the devastating consequences of flooding. The goals of the program are twofold: to protect communities from potential flood damage through floodplain management, and to provide people with flood insurance. The County will continue to comply with the NFIP through continued enforcement and maintenance of the County's floodplain management ordinance. In addition, Emergency Management shall meet with community Public Information officers to determine best methods for providing information to the citizens of Kiowa County regarding flood insurance. The Floodsmart.gov website provides many educational materials for the County to utilize.	Emergency Manager	On-going, no reportable progress made
Kiowa	Greensburg-2	Continue to comply with the NFIP and strengthen floodplain regulations, as appropriate, following DFIRM development. The City will continue to comply with the NFIP through continued enforcement and maintenance of the City's floodplain management ordinance. In addition, The current effective flood insurance rate maps (FIRMS) for the City of Greensburg are dated 1987. The FEMA Map Modernization process may identify new areas of flooding, flood elevations, etc. Review and update current floodplain ordinance to reflect updated Flood Insurance Rate Maps.	Floodplain Manager	On-going, no reportable progress made

County	Action Identification	Description	Responsible Party	Current Status
Pawnee	Pawnee County-1	Pawnee County and the cities of Rozel, Larned, and Burdett are committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	Planner	On-going, no reportable progress made, Continuous
Pawnee	Pawnee County-3	Advertise and promote the availability of flood insurance to property owners by direct mail on an annual basis. Pawnee County joined the NFIP on February 2, 1990. There are currently 69 policies in effect, with a total coverage amount of \$5,090,300. Since Pawnee County joined the program, there have been 39 claims paid for a total loss paid amount of \$138,307. (Source: FEMA, 2008). NFIP flood insurance policies protect property owners by offering affordable rates for protecting both structures and contents. Policy by jurisdiction is as follows: City of Burdett: 1; City of Larned: 2; City of Rozel: 15; Pawnee County: 51.	Planner	On-going, no reportable progress made
Pawnee	Pawnee County-12	The County will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the National Flood Insurance Program (NFIP). The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even of a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Planner, Emergency Management	On-going, no reportable progress made
Pawnee	Burdett-1	The City of Burdett is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	Planner	On-going, no reportable progress made, Continuous
Pawnee	Garfield-12	Consider developing an application package for participation in the National Flood Insurance Program (NFIP). Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program. The jurisdiction must submit an application package that includes the following: The jurisdiction must make an Application for Participation in the NFIP (FEMA Form 81-64); The jurisdiction must adopt a Resolution of Intent, which indicates an explicit desire to participate in the NFIP and a commitment to recognize flood hazards and carry out the objectives of the program; The jurisdiction must adopt and submit Floodplain Management Regulations that exceed the minimum flood plain management requirements of the NFIP (Title 44 of the Code of Federal Regulations (44 CFR) section 60.3); The jurisdiction's floodplain management regulations must be legally enforceable.	Mayor	On-going, no reportable progress made
Pawnee	Larned-1	The city of Larned is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	Planner	On-going, no reportable progress made, Continuous

County	Action Identification	Description	Responsible Party	Current Status
Pawnee	Rozel-1	The city of Rozel is committed to continued participation and compliance with the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	Planner	On-going, no reportable progress made, Continuous
Pratt	Pratt County-1	The County and local governments will work with the Kansas Department of Agriculture - Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Division of Water Resources provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the President, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed or cancelled for repeat losses.	Emergency Manager	On-going, no reportable progress made
Pratt	Pratt County-12	Appoint a committee to research and develop an application package for participation in the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program. The jurisdiction must submit an application package that includes the following: The jurisdiction must make an Application for Participation in the NFIP (FEMA Form 81-64); The jurisdiction must adopt a Resolution of Intent, which indicates an explicit desire to participate in the NFIP and a commitment to recognize flood hazards and carry out the objectives of the program; The jurisdiction must adopt and submit Floodplain Management Regulations that exceed the minimum flood plain management requirements of the NFIP (Title 44 of the Code of Federal Regulations (44 CFR) section 60.3); The jurisdiction's floodplain management regulations must be legally enforceable.	Emergency Manager	Complete - joined March 5, 2012
Pratt	Byers-4	Appoint a committee to consider developing an application package for participation in the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program. The jurisdiction must submit an application package that includes the following: The jurisdiction must make an Application for Participation in the NFIP (FEMA Form 81-64); The jurisdiction must adopt a Resolution of Intent, which indicates an explicit desire to participate in the NFIP and a commitment to recognize flood hazards and carry out the objectives of the program; The jurisdiction must adopt and submit Floodplain Management Regulations that exceed the minimum flood plain management requirements of the NFIP (Title 44 of the Code of Federal Regulations (44 CFR) section 60.3); The jurisdiction's floodplain management regulations must be legally enforceable.	Mayor	On-going, no reportable progress made
Pratt	Coats-3	Appoint a committee to consider developing an application package for participation in the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program. The jurisdiction must submit an application package that includes the following: The jurisdiction must make an Application for Participation in the NFIP (FEMA Form 81-64); The jurisdiction must adopt a Resolution of Intent, which indicates an explicit desire to participate in the NFIP and a commitment to recognize flood hazards and carry out the objectives of the program; The jurisdiction must adopt and submit Floodplain Management Regulations that exceed the minimum flood plain management requirements of the NFIP (Title 44 of the Code of Federal Regulations (44 CFR) section 60.3); The jurisdiction's floodplain management regulations must be legally enforceable.	Mayor	On-going, no reportable progress made

County	Action Identification	Description	Responsible Party	Current Status
Pratt	Cullison-2	<p>Appoint a committee to consider developing an application package for participation in the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the National Flood Insurance Program (NFIP). Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program. The jurisdiction must submit an application package that includes the following: The jurisdiction must make an Application for Participation in the NFIP (FEMA Form 81-64); The jurisdiction must adopt a Resolution of Intent, which indicates an explicit desire to participate in the NFIP and a commitment to recognize flood hazards and carry out the objectives of the program; The jurisdiction must adopt and submit Floodplain Management Regulations that exceed the minimum flood plain management requirements of the NFIP (Title 44 of the Code of Federal Regulations (44 CFR) section 60.3); The jurisdiction's floodplain management regulations must be legally enforceable.</p>	Mayor	On-going, no reportable progress made
Pratt	Iuka-1	<p>Appoint a committee to consider developing an application package for participation in the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program. The jurisdiction must submit an application package that includes the following: The jurisdiction must make an Application for Participation in the NFIP (FEMA Form 81-64); The jurisdiction must adopt a Resolution of Intent, which indicates an explicit desire to participate in the NFIP and a commitment to recognize flood hazards and carry out the objectives of the program; The jurisdiction must adopt and submit Floodplain Management Regulations that exceed the minimum flood plain management requirements of the NFIP (Title 44 of the Code of Federal Regulations (44 CFR) section 60.3); The jurisdiction's floodplain management regulations must be legally enforceable.</p>	Mayor	On-going, no reportable progress made
Pratt	Preston-1	<p>Appoint a committee to consider developing an application package for participation in the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program. The jurisdiction must submit an application package that includes the following: The jurisdiction must make an Application for Participation in the NFIP (FEMA Form 81-64); The jurisdiction must adopt a Resolution of Intent, which indicates an explicit desire to participate in the NFIP and a commitment to recognize flood hazards and carry out the objectives of the program; The jurisdiction must adopt and submit Floodplain Management Regulations that exceed the minimum flood plain management requirements of the NFIP (Title 44 of the Code of Federal Regulations (44 CFR) section 60.3); The jurisdiction's floodplain management regulations must be legally enforceable.</p>	Mayor	On-going, no reportable progress made

County	Action Identification	Description	Responsible Party	Current Status
Pratt	Sawyer-1	<p>Appoint a committee to consider developing an application package for participation in the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program. The jurisdiction must submit an application package that includes the following: The jurisdiction must make an Application for Participation in the NFIP (FEMA Form 81-64); The jurisdiction must adopt a Resolution of Intent, which indicates an explicit desire to participate in the NFIP and a commitment to recognize flood hazards and carry out the objectives of the program; The jurisdiction must adopt and submit Floodplain Management Regulations that exceed the minimum flood plain management requirements of the NFIP (Title 44 of the Code of Federal Regulations (44 CFR) section 60.3); The jurisdiction's floodplain management regulations must be legally enforceable.</p>	Mayor	Delete - City Council voted not to proceed.
Stafford	Stafford County-1	<p>The County and local governments will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.</p>	Emergency Manager	On-going, no reportable progress made
Stafford	Hudson-1	<p>The City of Hudson will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.</p>	Emergency Manager	On-going, no reportable progress made
Stafford	Macksville-1	<p>The City of Macksville will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.</p>	Emergency Manager	On-going, no reportable progress made

County	Action Identification	Description	Responsible Party	Current Status
Stafford	Macksville-10	Appoint a committee to research and develop an application package for participation in the NFIP. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program. The jurisdiction must submit an application package that includes the following: The jurisdiction must make an Application for Participation in the NFIP (FEMA Form 81-64); The jurisdiction must adopt a Resolution of Intent, which indicates an explicit desire to participate in the NFIP and a commitment to recognize flood hazards and carry out the objectives of the program; The jurisdiction must adopt and submit Floodplain Management Regulations that exceed the minimum flood plain management requirements of the NFIP (Title 44 of the Code of Federal Regulations (44 CFR) section 60.3); The jurisdiction's floodplain management regulations must be legally enforceable.	Mayor	On-going, no reportable progress made
Stafford	Radium-1	The City of Radium will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Emergency Manager	On-going, no reportable progress made
Stafford	Seward-1	The City of Seward will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Emergency Manager	On-going, no reportable progress made
Stafford	St. John-1	The City of St. John will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Emergency Manager	On-going, no reportable progress made
Stafford	City of Stafford-1	The City of Stafford will work with the Kansas Department of Agriculture – Division of Water Resources to educate and promote local jurisdictional participation in the NFIP. The Kansas Water Resources Division provides local training and education on the benefits of participation in the NFIP. The program provides availability of flood insurance to individuals whose local governments participate in the program. Flood insurance claims are paid even if a disaster is not declared by the president, and there is no payback requirement. Flood insurance policies are continuous, and are not non-renewed for repeat losses.	Emergency Manager	On-going, no reportable progress made

County	Action Identification	Description	Responsible Party	Current Status
Stafford	City of Stafford-9	The City of Stafford is committed to continued participation and compliance with the NFIP. The decision on whether to join the NFIP is very important for a jurisdiction (community). There is no Federal law that requires a jurisdiction to join the program, and participation is voluntary. A benefit of participation is that the citizens are provided the opportunity to purchase flood insurance to protect themselves against flood losses. Another consideration is that a jurisdiction that has been identified by FEMA as being flood-prone and has not joined the NFIP within one year of being notified of being mapped as flood-prone will be sanctioned. Jurisdictions that regulate development in floodplains are able to participate in the NFIP. To participate in the NFIP the jurisdiction must adopt and enforce floodplain management regulations that meet or exceed the minimum requirements of the program.	Mayor	On-going, no reportable progress made, Continuous

5.8 ACTION IMPLEMENTATION

Each participating jurisdiction is responsible for implementing their specifically identified mitigation actions. To foster accountability and increase the likelihood that actions will be implemented, every proposed action is assigned to a specific department. In general:

- A representative from the responsible department will be responsible for tracking and reporting on action status.
- The representative should provide input on whether the action as implemented is successful in reducing vulnerability, if applicable.
- If the action is unsuccessful in reducing vulnerability, the responsible department will be tasked with identifying deficiencies and additional required actions.

By identifying actions by specific jurisdiction it is hoped that future plan updates will be simplified as each jurisdiction can modify their individual actions without altering the actions of other jurisdictions. Additionally, each action has been assigned a proposed completion timeframe to determine if the action is being implemented according to plan.

6.0 PLAN MAINTENANCE

6.1 INTRODUCTION

44 CFR 201.6 (c) (4) requires "A plan maintenance process that includes: (i) A section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle. (ii) A process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate. (iii) Discussion on how the community will continue public participation in the plan maintenance process."

This chapter details the regional strategy for plan maintenance and outlines the methodology for monitoring, updating, and evaluating the plan. The chapter also discusses incorporating the plan into existing planning mechanisms and how to address continued public involvement.

6.2 LOCAL EMERGENCY PLANNING COMMITTEE REQUIREMENTS

Regional Local Emergency Planning Committees (LEPCs) will be tasked with Plan monitoring, evaluation, and maintenance with assistance from KDEM. The LEPCs, led by county emergency management agencies and with facilitation by KDEM, will:

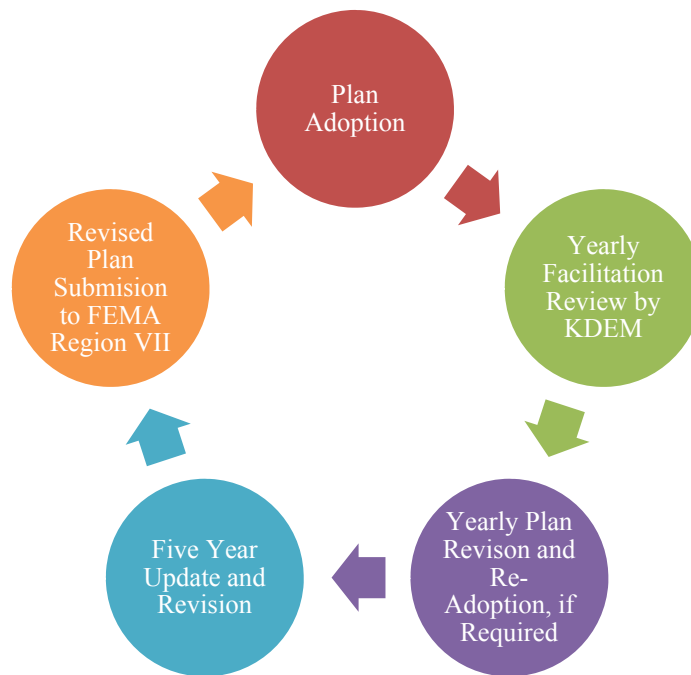
- Meet regularly to monitor and evaluate the implementation of the Plan
- When applicable, meet after a disaster event to evaluate the effectiveness of the Plan
- Act as a think tank for all issues related to hazard mitigation planning
- Act as a clearinghouse for hazard mitigation ideas and activities
- Assist with the implementation of all identified actions with available resources
- Monitor all available funding opportunities for mitigation actions
- Coordinate the cycle for the revision and update of the mitigation plan
- Report on Plan progress and recommended changes to the relevant governing bodies
- Inform and solicit input from the public

LEPC members will also be responsible for promoting the integration of the hazard mitigation plan into all relevant local and regional plans, policies, procedures and ordinances.

6.3 PLAN MAINTENANCE PROCESS

44 CFR 201.6 (c) (4) requires "A plan maintenance process that includes: (i) A section describing the method and schedule of monitoring, evaluating, and updating the mitigation plan within a five-year cycle."

The following diagram present the process for Plan maintenance and updates. KDEM will facilitate a yearly Plan review and further facilitate any revisions, if necessary, and the subsequent re-adoption process.



Prior to Plan expiration, and working with all participating jurisdictions, a five-year update of the Plan will be submitted to the KDEM and FEMA Region VII as per the above noted requirement. The Plan will be reviewed to determine whether there have been any significant changes identified during the one year KDEM facilitated Plan reviews. These changes may include:

- Increased local or regional development or populations
- Increased or decreased exposure to identified hazards
- Emergence of newly identified hazards
- Changes in local or regional capabilities
- Legislative changes
- Newly available data
- Successful or unsuccessful implementation of identified actions
- New jurisdictions who would like to participate

The on-going Plan maintenance process provides participating jurisdictions the capability of evaluating identified actions for success or failure. Additionally, the process allows for the timely revision of the Plan as necessary. Changes to the Plan will be made to accommodate actions that have failed, are not considered feasible, or have been newly identified to address current needs. Updating of the Plan will be enacted through written changes and submissions as directed by the LEPCs and facilitated by KDEM.

Upon each successive revision the Plan will need to be re-adopted by all participating jurisdictions. Circumstances, including a major disaster or a change in regulations or laws, may modify the required five year planning cycle.

6.4 POST-DISASTER DECLARATION PROCEDURES

Following a disaster, the LEPCs may meet to review the plan to determine if any additional actions need to be identified, additional funding has become available, or any identified actions need to be re-prioritized.

6.5 INCORPORATION OF MITIGATION PLAN INTO OTHER PLANNING MECHANISMS

(44 CFR 201.6 (c) (4)(ii) requires "A process by which local governments incorporate the requirements of the mitigation plan into other planning mechanisms such as comprehensive or capital improvement plans, when appropriate."

All participating jurisdictions will strive to implement actions that minimize loss of life and property damage from hazards as to their current capabilities. Whenever possible, participating jurisdictions will use existing plans, policies, procedures and programs to aid in the implementation of identified hazard mitigation actions. Potential avenues for implementation may include:

- Operation plans
- General or master plans
- Ordinances
- Capital improvement plans
- Budget revisions or adoptions
- Hiring of staff
- Stormwater planning
- Land use planning

The governing bodies of the jurisdictions adopting this plan will encourage all other relevant planning mechanisms under their authority to consult this plan to ensure minimization of risk to natural hazards as well as coordination of activities.

6.6 CONTINUED PUBLIC INVOLVEMENT

44 CFR 201.6 (c) (4)(iii) requires a "Discussion on how the community will continue public participation in the plan maintenance process."

Public participation is an important part of the continued mitigation planning process. Every effort will be made by participating jurisdictions to keep the public informed on both relevant

mitigation issues and the five year plan revision cycle. Strategies for continued public involvement may include:

- Public hearings
- Postings on electronic media, to include websites
- Notifications, when possible, in local media
- Making plans available for review in public locations

APPENDIX A
ADOPTION RESOLUTIONS



FEMA

January 24, 2015

Angee Morgan, Deputy Director
Kansas Division of Emergency Management
2800 S.W. Topeka Boulevard
Topeka, Kansas 66611-1287

Subject: Review of the Region E, Kansas Multi-Jurisdictional Multi-Hazard Mitigation Plan

Dear Ms. Morgan:

The purpose of this letter is to provide the status of the above referenced Local Hazard Mitigation Plan, pursuant to the requirements of 44 CFR Part 201 - Mitigation Planning and the Local Multi-Hazard Mitigation Planning Guidance. The Local Hazard Mitigation Plan Review Tool documents the Region's review and compliance with all required elements of 44 CFR Part 201.6, as well as identifies the jurisdictions participating in the planning process. FEMA's approval will be for a period of five years effective starting with the approval date indicated below.

Prior to the expiration of the plan the community will be required to review and revise their plan to reflect changes in development, progress in local mitigation efforts, and changes in priorities, and resubmit it for approval in order to continue to be eligible for mitigation project grant funding.

Plan Name	Date Submitted	Date Approved	Date of Plan Adoption	Date of Plan Expiration	Review Status
Region E	January 23, 2015	January 23, 2015	January 12, 2015	January 23, 2020	Approved

If you have any questions or concerns, please contact Joe Chandler, Planning Team Lead, at (816) 283-7071.

Sincerely,

Michael R. Scott, Director
Mitigation Division

RESOLUTION 2015-10

A RESOLUTION ADOPTING THE SOUTH KANSAS (HOMELAND SECURITY REGION E) MULTI-HAZARD, MULTI-JURISDICTIONAL MITIGATION PLAN AND RESCINDING RESOLUTION 2011-08, A RESOLUTION ADOPTING THE BARTON COUNTY MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN, ADOPTED APRIL 4, 2011

WHEREAS, areas of Barton County, Kansas are vulnerable to the human and economic costs of natural, technological and societal disasters; and

WHEREAS, the governing body of Barton County, Kansas realizes the importance of reducing or eliminating those vulnerabilities for the overall good of the community; and

WHEREAS, Barton County, Kansas has been an active participant in the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-jurisdictional Mitigation Plan Committee, which has established a comprehensive, coordinated planning process to eliminate or decrease those vulnerabilities; and

WHEREAS, the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and

WHEREAS, Barton County, Kansas has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

WHEREAS, Barton County, Kansas has reviewed the Plan and affirms that the Plan will be updated no less than every five years.


NOW THEREFORE, BE IT RESOLVED by the Board of County Commissioners of Barton County, Kansas, that Barton County hereby adopts the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolves to comply with the Plan Maintenance Section of the Plan.

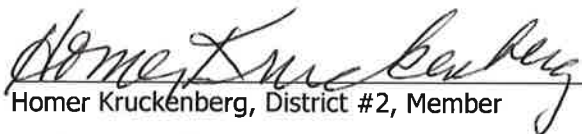
FURTHER, that Resolution 2011-08, A Resolution Adopting the Barton County Multi-Jurisdictional Hazard Mitigation Plan, Adopted April 4, 2011, is hereby rescinded.


FURTHER, that this Resolution shall take effect immediately upon its passage and publication in the official County newspaper, The Great Bend Tribune.

PASSED AND ADOPTED by the Board of County Commissioners of Barton County, Kansas on this the 16th day of March, 2015.

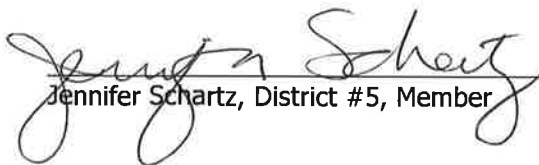
**BOARD OF COUNTY COMMISSIONERS
BARTON COUNTY, KANSAS**


Kenny Schremmer, District #1, Chairman


Homer Kruckenberg, District #2, Member


Don Davis, District #3, Member


Alicia Straub, District #4, Member

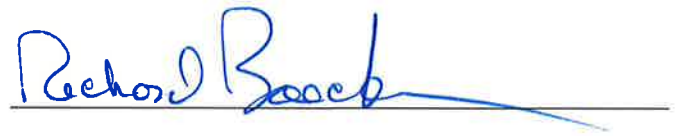

Jennifer Scharz, District #5, Member

ATTEST:


Donna Zimmerman
County Clerk



APPROVED AS TO FORM:


Richard A. Boeckman
County Counselor

BARTON COUNTY

Proof of Publication

SS.

MARY HOISINGTON

of lawful age, duly sworn upon oath states that SHE

is the PUBLISHER

of **THE GREAT BEND TRIBUNE**

THAT said newspaper has been published at least weekly fifty (50) times a year and has been so published for at least five years prior to the first publication of the attached notice:

THAT said paper was entered as second class mail matter at the post office of its publication:

THAT said paper has a general paid circulation on a daily, or weekly, or monthly, or yearly basis in

BARTON County, Kansas, and is

NOT a trade, religious or fraternal publication and has been PRINTED and published in BARTON County, Kansas.

That the attached notice was published in a regular issue of said newspaper

for 1 consecutive weeks, the first publication being on the 19th day of March 2015 and the last publication on the 19th day of March 2015

Publication Fee \$ _____

Affidavit, Notary's Fees \$ _____

Additional Copies _____ at _____ \$ _____

Total Publication Fee \$ 58.53


(Sign) Mary Hoisington

Witness my hand this 19th day of March 2015

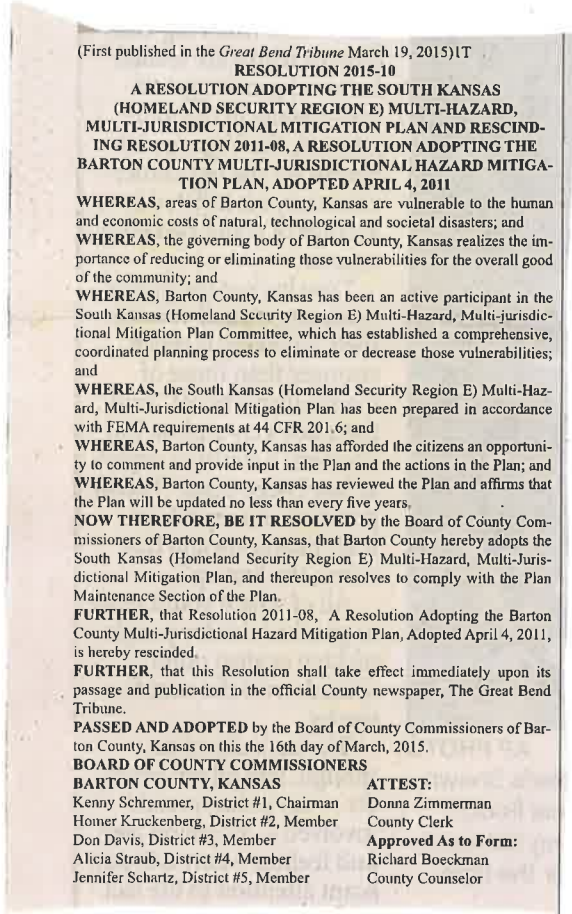
SUBSCRIBED and Sworn to before me this 19th

day of March 2015

Paulette Weir
(Notary Public)

State of Kansas -Notary Public
 **RAEGINA WERTH**
My Commission Expires 7-29-18

My commission expires _____



RESOLUTION NO. 2016-92

**A RESOLUTION ADOPTING THE SOUTH KANSAS
(HOMELAND SECURITY REGION E)
MULTI-HAZARD, MULTI-JURISDICTIONAL MITIGATION PLAN**

WHEREAS, the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and,

WHEREAS, the City of Albert, Kansas is a local unit of government that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

WHEREAS, the City of Albert, Kansas has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED that the City Council of Albert, Kansas has adopted the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolves to comply with the Plan Maintenance Section of the Plan.

ADOPTED the 11th day of January, 2016 at the meeting of the City Council of Albert, Kansas.

Rodney L. Cushman
Mayor

Attest:

Yois Rittman
City Clerk

RESOLUTION NO. 15-1214

**A RESOLUTION ADOPTING THE SOUTH KANSAS
(HOMELAND SECURITY REGION E)
MULTI-HAZARD, MULTI-JURISDICTIONAL MITIGATION PLAN**

WHEREAS, the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and,

WHEREAS, the City of Claflin, Kansas is a local unit of government that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

WHEREAS, the City of Claflin, Kansas has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

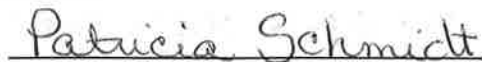
NOW THEREFORE, BE IT RESOLVED that the City Council of Claflin, Kansas has adopted the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolves to comply with the Plan Maintenance Section of the Plan.

ADOPTED the 14th day of December, 2015 at the meeting of the City Council of Claflin, Kansas.



Mayor

Attest:



City Clerk

RESOLUTION NO. 11216-C

**A RESOLUTION ADOPTING THE SOUTH KANSAS
(HOMELAND SECURITY REGION E)
MULTI-HAZARD, MULTI-JURISDICTIONAL MITIGATION PLAN**

WHEREAS, the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and,

WHEREAS, the citizens of Barton County, Kansas, and the City of Ellinwood, Kansas, have been afforded an opportunity to provide comment and input in the Plan and the actions in the Plan; and


WHEREAS, the City of Ellinwood, Kansas, has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED that the City Council of Ellinwood, Kansas, has adopted the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolves to comply with the Plan Maintenance Section of the Plan.

ADOPTED the 12th day of January, 2016, by the governing body of the City of Ellinwood, Kansas.



Attest:



Kim Scharz, City Clerk



Irian Fullbright, Mayor

RESOLUTION NO. 2016-05

**A RESOLUTION ADOPTING THE SOUTH KANSAS
(HOMELAND SECURITY REGION E)
MULTI-HAZARD, MULTI-JURISDICTIONAL MITIGATION PLAN**

WHEREAS, the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and,

WHEREAS, the City of Galatia, Kansas is a local unit of government that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

WHEREAS, the City of Galatia, Kansas has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED that the City Council of Galatia, Kansas has adopted the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolves to comply with the Plan Maintenance Section of the Plan.

ADOPTED the 5th day of JANUARY, 2016 at the meeting of the City Council of Galatia, Kansas.



Steve Wilhelm
Mayor

Attest:

Diane Deines
City Clerk

RESOLUTION NO. 010416-D

A RESOLUTION ADOPTING THE SOUTH KANSAS (HOMELAND SECURITY REGION E) MULTI-HAZARD, MULTI-JURISDICTIONAL MITIGATION PLAN

WHEREAS, the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and,

WHEREAS, the City of Great Bend, Kansas is a local unit of government that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

WHEREAS, the City of Great Bend, Kansas has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED that the City Council of Great Bend, Kansas has adopted the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolves to comply with the Plan Maintenance Section of the Plan.

ADOPTED the 4th day of January 2016 at the meeting of the City Council of Great Bend, Kansas.



City Clerk, Amit Patel

[Signature]

Mayor, Mike Allison

RESOLUTION NO. 22-2015

**A RESOLUTION ADOPTING THE SOUTH KANSAS
(HOMELAND SECURITY REGION E)
MULTI-HAZARD, MULTI-JURISDICTIONAL MITIGATION PLAN**

WHEREAS, the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and,

WHEREAS, the City of Hoisington, Kansas is a local unit of government that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

WHEREAS, the City of Hoisington, Kansas has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED that the City Council of Hoisington, Kansas has adopted the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolves to comply with the Plan Maintenance Section of the Plan.

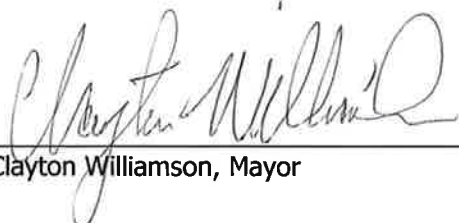
ADOPTED the 14th day of December, 2015 at the meeting of the City Council of Hoisington, Kansas.



Attest:



Donita Crutcher, City Clerk



Clayton Williamson, Mayor

RESOLUTION NO. 2016-01

**A RESOLUTION ADOPTING THE SOUTH KANSAS
(HOMELAND SECURITY REGION E)
MULTI-HAZARD, MULTI-JURISDICTIONAL MITIGATION PLAN**


WHEREAS, the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and,

WHEREAS, the City of Olmitz, Kansas is a local unit of government that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

WHEREAS, the City of Olmitz, Kansas has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

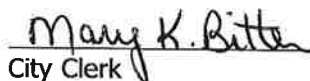
NOW THEREFORE, BE IT RESOLVED that the City Council of Olmitz, Kansas has adopted the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolves to comply with the Plan Maintenance Section of the Plan.

ADOPTED the 6 day of JANUARY, 2016 at the meeting of the City Council of Olmitz, Kansas.



Mayor

Attest:



City Clerk

RESOLUTION NO. 17

A RESOLUTION ADOPTING THE SOUTH KANSAS
(HOMELAND SECURITY REGION E)
MULTI-HAZARD, MULTI-JURISDICTIONAL MITIGATION PLAN


WHEREAS, the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and,

WHEREAS, the City of Pawnee Rock, Kansas is a local unit of government that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

WHEREAS, the City of Pawnee Rock, Kansas has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED that the City Council of Pawnee Rock, Kansas has adopted the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolves to comply with the Plan Maintenance Section of the Plan.

ADOPTED the 11 day of January, 2016 at the meeting of the City Council of Pawnee Rock, Kansas.


Mayor

Attest:


City Clerk

RESOLUTION NO. 16-1

**A RESOLUTION ADOPTING THE SOUTH KANSAS
(HOMELAND SECURITY REGION E)
MULTI-HAZARD, MULTI-JURISDICTIONAL MITIGATION PLAN**

WHEREAS, the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and,

WHEREAS, the City of Susank, Kansas is a local unit of government that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

WHEREAS, the City of Susank, Kansas has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED that the City Council of Susank, Kansas has adopted the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolves to comply with the Plan Maintenance Section of the Plan.

ADOPTED the Monday day of January 4, 2016 at the meeting of the City Council of Susank, Kansas.



Mayor

Attest:



City Clerk

RESOLUTION NO. 16-01

**A RESOLUTION ADOPTING THE SOUTH KANSAS
(HOMELAND SECURITY REGION E)
MULTI-HAZARD, MULTI-JURISDICTIONAL MITIGATION PLAN**

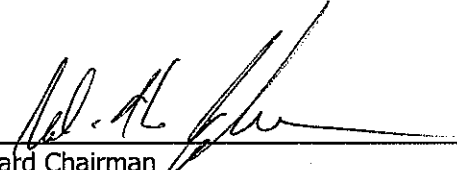
WHEREAS, the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and,

WHEREAS, Barton County Community College, Great Bend, Kansas is a local unit of government that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

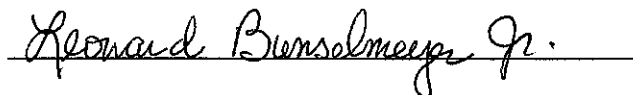
WHEREAS, Barton County Community College, Great, Kansas has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED that the governing board of Barton County Community College, Great Bend, Kansas has adopted the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolves to comply with the Plan Maintenance Section of the Plan.

ADOPTED the 26 day of Jan, 2016, at the meeting of the Barton County Community College Board of Trustees, Great Bend, Kansas.


Board Chairman

Attest:



RESOLUTION NO. 2016--01-11

**A RESOLUTION ADOPTING THE SOUTH KANSAS
(HOMELAND SECURITY REGION E)
MULTI-HAZARD, MULTI-JURISDICTIONAL MITIGATION PLAN**

WHEREAS, the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and,

WHEREAS, the Unified School District #112 - Central Plains, Holyrood, Kansas is a local unit of government that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

WHEREAS, the Unified School District #112 - Central Plains, Holyrood, Kansas has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED that the Board of Education of Unified School District #112 - Central Plains, Holyrood, Kansas has adopted the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolves to comply with the Plan Maintenance Section of the Plan.

ADOPTED the 11th day of January, 2016 at the meeting of the Board of Education, Unified School District #112 - Central Plains, Holyrood, Kansas.



Board President

Attest:



Clerk

RESOLUTION NO. 12-15-1

**A RESOLUTION ADOPTING THE SOUTH KANSAS
(HOMELAND SECURITY REGION E)
MULTI-HAZARD, MULTI-JURISDICTIONAL MITIGATION PLAN**

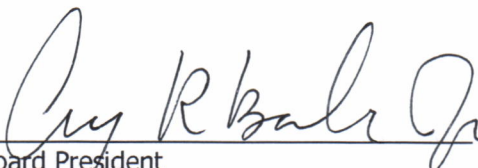
WHEREAS, the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and,

WHEREAS, the Unified School District #355, Ellinwood, Kansas is a local unit of government that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

WHEREAS, the Unified School District #355, Ellinwood, Kansas has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED that the Board of Education of Unified School District #355, Ellinwood, Kansas has adopted the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolves to comply with the Plan Maintenance Section of the Plan.

ADOPTED the 14th day of December, 2015 at the meeting of the Board of Education, Unified School District #355, Ellinwood, Kansas.


Board President

Attest:


Clerk

RESOLUTION NO. _____

**A RESOLUTION ADOPTING THE SOUTH KANSAS
(HOMELAND SECURITY REGION E)
MULTI-HAZARD, MULTI-JURISDICTIONAL MITIGATION PLAN**

WHEREAS, the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and,

WHEREAS, the Unified School District #428, Great Bend, Kansas is a local unit of government that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

WHEREAS, the Unified School District #428, Great Bend, Kansas has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED that the Board of Education of Unified School District #428, Great Bend, Kansas has adopted the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolves to comply with the Plan Maintenance Section of the Plan.

ADOPTED the 11th day of January, 2016 at the meeting of the Board of Education, Unified School District #428, Great Bend, Kansas.



Board President

Attest:



Clerk

RESOLUTION 2016-15

A RESOLUTION ADOPTING THE SOUTH KANSAS (HOMELAND SECURITY REGION E) MULTI-HAZARD, MULTI-JURISDICTIONAL MITIGATION PLAN

WHEREAS, the South Kansas (Homeland Security Region E) Multi-Hazard, MultiJurisdictional Mitigation Plan has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and,

WHEREAS, the Unified School District #431, Hoisington, Kansas is a local unit of government that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

WHEREAS, the Unified School District #431, Hoisington, Kansas has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED that the Board of Education of Unified School District #431, Hoisington, Kansas has adopted the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolves to comply with the Plan Maintenance Section of the Plan.

ADOPTED this 4th day of January, 2016 at the meeting of the Board of Education, Unified School District #431, Hoisington, Kansas.



Board President

Attest:

Bonnie A. Smith Clerk

RESOLUTION NO. _____

**A RESOLUTION ADOPTING THE SOUTH KANSAS
(HOMELAND SECURITY REGION E)
MULTI-HAZARD, MULTI-JURISDICTIONAL MITIGATION PLAN**

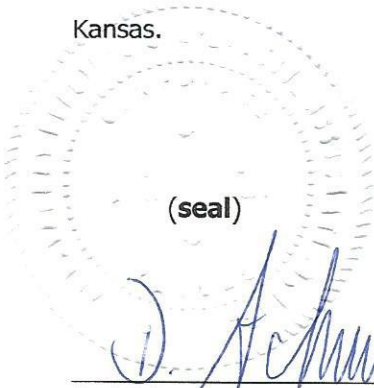
WHEREAS, the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan (the "Plan") has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and,

WHEREAS, The Ark. Valley Electric Cooperative Association, Inc. in South Hutchinson, Kansas is a rural electric utility that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

WHEREAS, The Ark. Valley Electric Cooperative Association, Inc. in South Hutchinson, Kansas has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED that the Ark Valley Electric Cooperative, Hutchinson, Kansas has adopted the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolves to comply with the Plan Maintenance Section of the Plan.

ADOPTED the 28th day of December, 2015 at the meeting at a Regular Meeting of the Board of Trustees of The Ark. Valley Electric Cooperative Association, Inc. in South Hutchinson, Kansas.



(seal)

D. Schnurr
Dan Schnurr, Secretary

Steve Schweizer
Steve Schweizer, President

RESOLUTION NO. 83

**A RESOLUTION ADOPTING THE SOUTH KANSAS
(HOMELAND SECURITY REGION E)
MULTI-HAZARD, MULTI-JURISDICTIONAL MITIGATION PLAN**


WHEREAS, the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan has been prepared in accordance with FEMA requirements at 44 CFR 201.6; and,

WHEREAS, the Post Rock Rural Water District, Ellsworth, Kansas is a local unit of government that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and

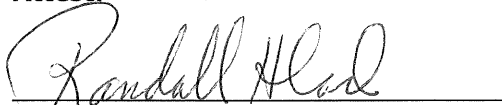
WHEREAS, the Post Rock Rural Water District, Ellsworth, Kansas has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

NOW THEREFORE, BE IT RESOLVED that the Post Rock Rural Water District, Ellsworth, Kansas has adopted the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolves to comply with the Plan Maintenance Section of the Plan.

ADOPTED the 9 day of February, 2016 at the meeting of the Post Rock Rural Water District, Ellsworth, Kansas.


Board Chairman

Attest:


Clerk

**Resolution Adopting the South Kansas
(Homeland Security Region E)
Multi-Hazard, Multi-Jurisdictional Mitigation Plan**

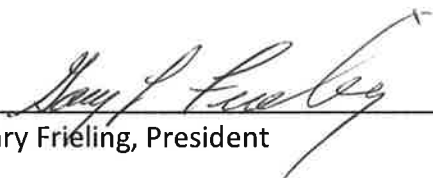
Whereas, the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan has been prepared in accordance with FEMA requirements 44 CFR 201.6; and,

Whereas, the Rolling Hill Electric Cooperative, Mankato, Kansas is a rural electric utility that has afforded the citizens an opportunity to comment and provide input in the Plan and the actions in the Plan; and,

Whereas, the Rolling Hills Electric Cooperative, Mankato, Kansas has reviewed the Plan and affirms that the Plan will be updated no less than every five years.

Now Therefore, Be It Resolved that the Rolling Hills Electric Cooperative, Mankato, Kansas has adopted the South Kansas (Homeland Security Region E) Multi-Hazard, Multi-Jurisdictional Mitigation Plan, and thereupon resolved to comply with the Plan Maintenance Section of the Plan.

Adopted the 23rd day of February, 2016 at the meeting of the Rolling Hills Electric Cooperative meeting of the Board of Trustees.



Gary Frieling, President

Attest:



Kevin Cromwell, Secretary

APPENDIX B
MEETING INFORMATION

To **Region "E" Hazard Mitigation Planning Committee**

Through **Jeanne Bunting, Mitigation Planner
Kansas Division of Emergency Management (KDEM)**

From **Kari Valentine, AMEC Environment & Infrastructure, Inc**

Tel / E-mail **785-272-6830 / kari.valentine@amec.com**

Date **4/30/2014**

Subject **Minutes from the Region "E" Kickoff Planning Meeting held on 4/23/2014 in Greensburg, KS.**

This document is a record of attendance and a summary of the issues discussed during the above meeting. Topics covered during the meeting included: (1) Review Disaster Mitigation Act Planning Requirements, (2) Regional Mitigation Planning Process, (3) Multi-jurisdictional Planning, (4) Public Participation Strategy, (5) Data Collection Guides, (6) Hazard Identification & Profile (7) Mitigation Actions, (8) Grant Program Availability Linked to Approved Plan, and (9) Project Schedule. The formal presentation portion of the meeting began at 1:00 pm and concluded at 3:10 pm.

Attendees

First Name	Last Name	Organization	County
Debby	Allison	Kiowa County Library	Kiowa
Jeanne	Bunting	KS Division of Emergency Management	State
Ed	Davis	City of Haviland	Kiowa
Glen	Davis	USD 474 Haviland	Kiowa
Matt	Eyer	Blue Umbrella	Contractor
Tara	Ghere	American Red Cross	Central KS Chapter
Sue	Greenleaf Taylor	Kiowa County Economic Development	Kiowa
Darin	Headrick	USD 422	Kiowa
Andy	Kimble	City of Mullinville	Kiowa
Lorena	Lothman	Kiowa County Emergency Management	Kiowa
Jeff	Pyles	Contractor - Pyles Homes	
Larry	Ruthi	National Weather Service - Dodge City Office	
Ray	Stegman	Kiowa County Emergency Management	Kiowa
Ed	Truelove	City of Greensburg	Kiowa
Bryan	Young	Architect	

Introductions

Kari Valentine with AMEC began the meeting by welcoming and thanking the attendees. Participants introduced themselves and identified what jurisdiction they represented. Ms. Valentine asked by a show of hands who had been involved in development of their existing county multi-jurisdictional plan. A couple of the attendees raised their hands. Ms. Valentine facilitated the remainder of the formal portion of the presentation.

Review Disaster Mitigation Act Planning Requirements

Ms. Valentine presented information on the purpose and requirements of the Disaster Mitigation Act of 2000. The presentation addressed the benefits, including eligibility for federal funding programs, for jurisdictions participating in this mitigation plan update.

Regional Mitigation Planning Process

The attendees were reminded that this is a regional planning effort which will combine all of the county multi-jurisdictional hazard mitigation plans in Region "E". Therefore, the plan will include the eight counties of: Barber, Barton, Comanche, Edwards, Kiowa, Pawnee, Pratt, and Stafford. Once the regional plan is approved, it will supersede the current plans. The first county plan to expire is Kiowa County on November 17, 2014. The presentation also addressed the benefits for jurisdictions participating in this mitigation plan update.

Multi-jurisdictional Planning

Ms. Valentine described the benefits of participating in a multi-jurisdictional plan, including improved coordination and communication among local jurisdictions. Hazards do not stop at jurisdictional boundaries, thus this multi-jurisdictional plan allows for a more comprehensive approach. The group also heard information regarding the significant cost savings being realized by the regional approach to planning. There are currently insufficient funds available to provide the full cost to update single county plans.

The regional approach now being used allows planning services to be provided to each county for the update at no cost to the county. KDEM has hired a contractor to assist with the research and writing effort. Matt Eyer with Blue Umbrella will be completing the Region "E" mitigation plan. The committee will review the draft prior to being finalized.

Ms. Valentine also described the role of the Hazard Mitigation Planning Committee (HMPC). Each jurisdiction participating in development of the plan must meet the following minimum requirements:

- Designate a representative to serve on the Region "E" Hazard Mitigation Planning Committee, which will meet **twice** during the planning process,
- Provide data for, and assist in the development of, the updated risk assessment that describes how various hazards impact your jurisdiction,
- Provide data to describe current capabilities,
- Develop/update mitigation actions (at least one) specific to your jurisdiction,
- Provide comments on plan drafts as requested,
- Inform the public, local officials, and other interested parties about the planning process and provide opportunities for them to comment on the plan, and
- Formally adopt the mitigation plan.

Public Participation Strategy

The local/regional hazard mitigation plan requirements state that the public must have the opportunity to comment on the plan. The public will be given two opportunities to comment on the plan, once during the drafting stage and another when the plan is complete in the final draft stage.

KDEM is planning to utilize a questionnaire on SurveyMonkey.com to ask the public's opinion about hazards that affect them. The SurveyMonkey.com link will be sent to the emergency managers to post on their county website and to share with all the Hazard Mitigation Planning Committee members. The HMPC members in the county are also requested to post the SurveyMonkey.com link on their websites and newsletters to the public and to distribute the survey as widely as possible.

Data Collection Process

The participating jurisdictions at the meeting were provided hard copies of Data Collection Guides. There are two different guides, one for local governments, and one for schools and universities. The jurisdictions were requested to provide data regarding hazards that had occurred in their jurisdiction since the last plan update. The Hazard Mitigation Planning Committee members present were given time during the meeting to work on these Data Collection Guides and make necessary phone calls to complete the data requests and turn them in to Jeanne Bunting, KDEM, at the meeting.

The Data Collection Guides were requested to be returned to Jeanne Bunting by June 1, 2014. The full formal name of your jurisdiction is requested on the Data Collection Guide. KDEM is working with jurisdictions throughout the State and want to make sure data is correctly documented for jurisdictions.

Ms. Valentine stated that KDEM will accept historical hazard information in any format which includes newspaper articles, newsletters, and website links. Hazard photos are always useful in showing the damage.

Hazard Identification and Profiles

The list of hazards in the 2013 updated State of Kansas plan is the list that is being used for the regional plans. Several of the hazards included in the State Plan were not included in the current plans for several counties in Region "E". Those counties will need to provide historical information on the new hazards for the risk assessment.

Mitigation Actions

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- Completed,
- Pending/On-going,
- Deleted, or
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Committee members were also asked to provide details stating completion dates and an explanation as to why an action has that status.

The group was reminded that each participating jurisdiction must have at least one action and that all NFIP jurisdictions must also have an NFIP-related action. Participants were also given a copy of sample actions and forms for adding new actions to the plan. On the form, there is a blank for the Responsible Office to be identified. The Responsible Position within the Office is also wanted. The updates on the current actions and any new actions were requested to be returned to Jeanne Bunting by June 1, 2014. Further discussions regarding mitigation actions and prioritizing the actions will take place at the final mitigation planning meeting.

Hazard Mitigation Assistance Grants Available Linked to Approved Plan

Jurisdictions in the region have received over \$1.7 million in federal Hazard Mitigation Grant Program funding in the past. Region "E" has also received \$160,322 for 10 outdoor warning sirens since 2011. The following three Hazard Mitigation Assistance grant programs were outlined, priority activities discussed, deadline of grants, and current funds available for:

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- Pre-disaster Mitigation (PDM)
- Flood Mitigation Assistance (FMA)

Other state and federal grant programs for mitigation projects were also mentioned.

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REGION E MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN – KICKOFF MEETING, SIGN-IN SHEET

Project: Region E Hazard Mitigation Plan – Kickoff Meeting

Meeting Date: 4/22/14

Facilitator: Kari Valentine

Place/Room: Greensburg, KS

Name	Department/Agency	County	Email	Phone #	Signature
Ray Stegman	Kiowa County EM	Kiowa	rstegman@gmail.com	620-723-4154	Ray Stegman
Jeanne Bunting	KIEM	Lawrence		766 461-3024	Jeanne Bunting
Lorena Lothman	Kiowa Co EM	Kiowa	lorenalothman@gmail.com	620 723-4154	Lorena Lothman
Tara Ghene	Red Cross		tara.ghene@redcross.org	620 - 662-3350x103	Tara Ghene
Debby Allison	Kiowa County Library	Kiowa	kwco.lib@hotmail.com	620 - 723-1118	Debby Allison
Ed Davis	City of Haviland				Ed Davis
Glen DAVIS	Supt. Schools	Haviland	gdavis@USD474.org	620 388-0158	Glen Davis
Larry Pothol	Northwest Lincoln Fire	Franklin	larry.pothol@northwestlincolnfire.org	620-225-6501	Larry Pothol
Ed Truelove	City of Greensburg	Kiowa	administrator@greensburgks.org		E.R. Truelove
Sue Greenleaf Taylor	Kiowa Co Eco Dev	Kiowa	kiowadevelopment@gmail.com	620-546-3473	Sue Greenleaf Taylor
Darin Hernandez	USD 422	Kiowa	dheadrick@usd422.org	620-723-2145	Darin Hernandez
MATT EYER	BLUE UMBRELLA	-	MATT@BLUEUMBRELLA.CO	303-552-1181	Matt Eyer

REGION E MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN – KICKOFF MEETING, SIGN-IN SHEET

Project: Region E Hazard Mitigation Plan – Kickoff Meeting

Meeting Date: 4/22/14

Facilitator: Kari Valentine

Place/Room: Greensburg, KS

Name	Department/Agency	County	Email	Phone #	Signature
Bryan Yang	Architect	.	bryan yang 85 @ gmail . com	316-641-6514	Bryan Yang
Jeff Pyles	Contractor		pyles homes @ hotmail . com	620 770 0555	Jeff Pyles
Andy Kimble	city of Mullinville		cendrewkimble@hotmail.com	620 408 5600	Andy Kimble

To **Region "E" Hazard Mitigation Planning Committee**

Through **Jeanne Bunting, Mitigation Planner
Kansas Division of Emergency Management (KDEM)**

From **Kari Valentine, AMEC Environment & Infrastructure, Inc**

Tel / E-mail **785-272-6830 / kari.valentine@amec.com**

Date **4/30/2014**

Subject **Minutes from the Region "E" Kickoff Planning Meeting held on 4/24/2014 in Pratt, KS.**

This document is a record of attendance and a summary of the issues discussed during the above meeting. Topics covered during the meeting included: (1) Review Disaster Mitigation Act Planning Requirements, (2) Regional Mitigation Planning Process, (3) Multi-jurisdictional Planning, (4) Public Participation Strategy, (5) Data Collection Guides, (6) Hazard Identification & Profile (7) Mitigation Actions, (8) Grant Program Availability Linked to Approved Plan, and (9) Project Schedule. The formal presentation portion of the meeting began at 1:00 pm and concluded at 3:00 pm.

Attendees

First Name	Last Name	Organization	County
Tiffany	Ailstock	City of Coats	Pratt
Brad	Blankenship	City of Pratt	Pratt
Tim	Branscom	Pratt County Emergency Management	Pratt
Mark	Buck	USD 254 Medicine Lodge, City Fire & County Fire	Barber
Jeanne	Bunting	KS Division of Emergency Management	State
Ethel	Carter	City of Preston	Pratt
Matt	Eyer	Blue Umbrella	Contractor
Austin	Gilley	City of Medicine Lodge	Barber
Nathan	Law	City of Kiowa	Barber
Mark	McManaman	Pratt County Emergency Services	Pratt
Jerry	McNamar	Barber County Emergency Management	Barber
Donna	Meier Pfeifer	American Red Cross	Central KS Chapter
Gary	Myers	City of Pratt Police Dept.	Pratt
Russ	Rambat	City of Pratt	Pratt
Gale	Rose	Pratt Tribune Newspaper	Pratt
Mike	Sanders	Skyline Schools	Pratt
Lola	Shumway	City of Pratt	Pratt
Bill	Smith	Barber County Commissioner	Barber
Eric	Webb	Pratt Community College	Pratt
Dee	Weber	City of Sawyer & Sawyer Rural Fire	Pratt

Introductions

Tim Branscom, with Pratt County Emergency Management, began the meeting by welcoming and thanking the attendees. Participants introduced themselves and identified

what jurisdiction they represented. Kari Valentine asked by a show of hands who had been involved in development of their existing county multi-jurisdictional plan. A couple of the attendees raised their hands. Ms. Valentine facilitated the remainder of the formal portion of the presentation.

Review Disaster Mitigation Act Planning Requirements

Ms. Valentine presented information on the purpose and requirements of the Disaster Mitigation Act of 2000. The presentation addressed the benefits, including eligibility for federal funding programs, for jurisdictions participating in this mitigation plan update.

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REGION E MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN – KICKOFF MEETING, SIGN-IN SHEET

Project: Region E Hazard Mitigation Plan – Kickoff Meeting

Meeting Date: 4/23/14

Facilitator: Kari Valentine

Place/Room: Pratt Community Center, Pratt, KS

Name	Department/Agency	County	Email	Phone #	Signature
Ethel Carter	City of Preston	Pratt	ethelcarter@preston67583@yahoo.com	620-656-2411	Ethel Carter
Bill Smith	Barber County Commissioner	Barber	brexlebill@kanokla.net	620-840-1037	Bill Smith
GARY W. MYERS	Pratt Police Dept.	Pratt	gmyers@prattcc.org	620-672-5551	Gary W. Myers
Tiffany Aikstock	City of Coats	Pratt	tiffaia@prattcc.org	620-388-0134	Tiffany Aikstock
Tim Branscom	Pratt Co. EM	Pratt	tbrans@prattcounty.org	620-672-4130	Tim Branscom
Eric Webb	Pratt Comm. College	Pratt	ericw@prattcc.edu	620-450-0688	Eric Webb
Mike Sanders	Skyline Schools	Pratt	msanders@skyline-schools.org	620-672-5651	Mike Sanders
Nathan Law	City of Linds	Barber		620-825-4124	Nathan Law
Austin Gilley	City of Medicine Lodge	Barber	austin@medicinelodgeks.gov	620-886-5908	Austin Gilley
Mark McManaman	Pratt County Emergency Services	Pratt	emergency@prattcounty.org	620-672-4130	Mark McManaman
Gale J. Rose	Pratt Tribune	Pratt	grose@pratttribune.com	620-672-5511	Gale Rose
Nut Ever	Blue Umbrella	-	nut@blueumbrella.com	303-555-1161	Nut Ever

REGION E MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN – KICKOFF MEETING, SIGN-IN SHEET

Project: Region E Hazard Mitigation Plan – Kickoff Meeting

Meeting Date: 4/23/14

Facilitator: Kari Valentine

Place/Room: Pratt Community Center, Pratt, KS

Name	Department/Agency	County	Email	Phone #	Signature
Lola Shumway	City of Pratt	Pratt	lolashumway@cityofprattks.com	620-672-3866	<i>Lola Shumway</i>
MARK DUCK	Medicine Lodge Schools City Fire, County Fire	Barber	supt@usd254.org	620-886-0241	<i>Mark Duck</i>
Jeanne Bunting	KDEM Sawyer Rural Fire	Pratt		620-388-5187	<i>Jeanne Bunting</i>
Dee Weber	City of Sawyer	Pratt			<i>Dee Weber</i>
Russ Rambat	City of Pratt	Pratt	rrambat@cityofprattks.com	620-672-3866	<i>Russ Rambat</i>
BRAD BLANKENSHIP	CITY OF PRATT	PRATT	bblankenship@cityofprattks.com	620-588-5305	<i>Brad Blankenship</i>
Donna Meier Pfeiffer	Red Cross	Pratt	donna.meierpfeiffer@redcross.org	620-672-3651	<i>D.M. Pfeiffer</i>
Gary McKenna	Beulco	Barber	boco@psctel.com	620-825-4986	<i>Gary McKenna</i>



To **Region "E" Hazard Mitigation Planning Committee**

Through **Jeanne Bunting, Mitigation Planner
Kansas Division of Emergency Management (KDEM)**

From **Kari Valentine, AMEC Environment & Infrastructure, Inc**

Tel / E-mail **785-272-6830 / kari.valentine@amec.com**

Date **4/30/2014**

Subject **Minutes from the Region "E" Kickoff Planning Meeting held on 4/25/2014 in
St. John, KS.**

This document is a record of attendance and a summary of the issues discussed during the above meeting. Topics covered during the meeting included: (1) Review Disaster Mitigation Act Planning Requirements, (2) Regional Mitigation Planning Process, (3) Multi-jurisdictional Planning, (4) Public Participation Strategy, (5) Data Collection Guides, (6) Hazard Identification & Profile (7) Mitigation Actions, (8) Grant Program Availability Linked to Approved Plan, and (9) Project Schedule. The formal presentation portion of the meeting began at 1:00 pm and concluded at 3:15 pm.

Attendees

First Name	Last Name	Organization	County
Misty	Blakeslee	Stafford County EMS	Stafford
Doug	Brown	Stafford County Emergency Management	Stafford
Shawn	Bungey	City of Stafford	Stafford
Jeanne	Bunting	KS Division of Emergency Management	State
Mel	Chesbro	City of St John	Stafford
Jane	Dickson	City of Stafford	Stafford
Brian	Elliott	USD 355 Ellinwood	Barton
Matt	Eyer	Blue Umbrella	Contractor
Davin	Graves	Stafford County EMS	Stafford
Richard	Hayes	City of Claflin	Barton
Doug	Hubbard	Barton County 911	Barton
Ben	Jacobs	USD 355 Ellinwood	Barton
Glen	Mcfann	City of Rozel	Pawnee
Brenda	Mercer	Stafford County Hospital	Stafford
Amy	Miller	Barton County Emergency Management	Barton
Mike	Napolitano	City of Great Bend Fire Dept	Barton
Phillip	Nusser	Stafford County Road & Bridge	Stafford
Robert	Peter	City of Ellinwood Administrator	Barton
Adam	Sayler	St John Police Department	Stafford
David	Simmons	Stafford County Hospital	Stafford
Frieda	Smith	City of Larned	Pawnee
Clarence	Suppes	Sunflower Electric	Barton
Pam	Taylor	Pawnee	Pawnee
Mary Jo	Taylor	USD 349 Stafford	Stafford
Mike	Urban	City of Claflin, Mayor	Barton
Mark	Wagner	Pawnee County Emergency Management	Pawnee

Introductions

Doug Brown, with Stafford County Emergency Management, began the meeting by welcoming and thanking the attendees. Participants introduced themselves and identified what jurisdiction they represented. Kari Valentine asked by a show of hands who had been involved in development of their existing county multi-jurisdictional plan. A couple of the attendees raised their hands. Ms. Valentine facilitated the remainder of the formal portion of the presentation.

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Other state and federal grant programs for mitigation projects were also mentioned.

Project Schedule

The meeting concluded with a discussion of the remaining steps to complete the planning process as follows:

- **June 1, 2014 — Data Collection Guides Due to KDEM**
- **June 1, 2014 — Mitigation Action Updates + New Actions Due to KDEM**
- **July 9, 2014 — Meeting #2 with Emergency Managers ONLY**
- **TBD (early September) — Meeting #3**
- **September 2014 — Submit Plan to FEMA**
- **November 2014 — Anticipate FEMA’s Approval Pending Adoption**


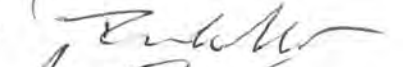


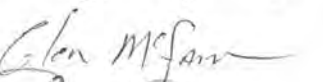
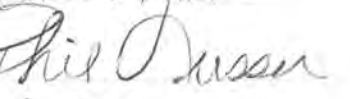
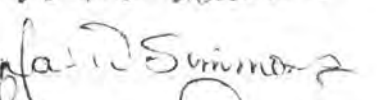

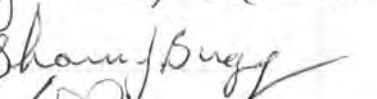
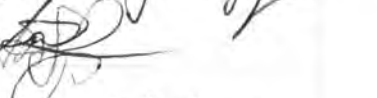
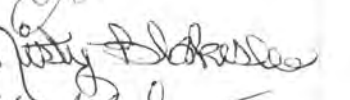


REGION E MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN – KICKOFF MEETING, SIGN-IN SHEET

Project: Region E Hazard Mitigation Plan – Kickoff Meeting

Meeting Date: 4/25/14

Facilitator: Kari Valentine

Place/Room: Stafford Annex Bldg, St John

Name	Department/Agency	County	Email	Phone #	Signature
MATT EYER	Blue Umbrella	-	MATTS@BLUEUMBRELLA.CO	303 552 1151	
Brenda Mercer	Stafford Co. Hosp	Stafford	brendamercer.schae@hotmail.com	620-786-4001	
Doug Brown	Stafford Co EM	Stafford	staffordpd@sbcglobal.net	620 352-0189	
Doug Hubbard	Barton County 911	Barton	dhubbard@bartoncounty.org	6207931970	
Glen McFann	City of Reel	Pawnee	cityshop2011@live.com	620-923-5220	
Phillip Nussler	Road: Bridge	Stafford	cashop@gbta.net	6205465559	
Kevin Sumner	Stafford Co. Hosp.	Stafford	ksimmer@sch4.org	620-234-5221	
Jane Dickson	Stafford City	Stafford	cityofstafford@sbcglobal.net	620-234-5011	
Shawn Bungey	Stafford City	Stafford	cityofstafford@sbcglobal.net	620-234-5011	
ADAM SAYLER	ST JOHN P.O.	STAFFORD	sayler123@yahoo.com	620 546 4160	
Misty DAKOSCE	STAFFORD COUNTY EMS STAFFORD	STAFFORD	MISTYDAKOSCE@gbta.net	620-546-1681	
Darin Graves	Stafford County Fire Services	Stafford	dgraves@gbta.net	(620)417-5175	
Robert Peter	Ellinwood City Admin	Ellinwood	rpeter@cityofellinwood.com	(620)564-3161	

REGION E MULTI-JURISDICTIONAL HAZARD MITIGATION PLAN – KICKOFF MEETING, SIGN-IN SHEET

Project: Region E Hazard Mitigation Plan – Kickoff Meeting

Meeting Date: 4/25/14

Facilitator: Kari Valentine

Place/Room: Stafford Annex Bldg, St John

Name	Department/Agency	County	Email	Phone #	Signature
Jeanne Bunting	RDEM	Shawnee			Jeanne Bunting
Pam Taylor		Pawnee	taylor5358@gbta.net	620-527-1234	Pam Taylor
Mike Napolitano	Great Bend Fire	Barton	miken@greatbendks.net	620-793-4140	Mike Napolitano
Ben Jacobs	USD #355 Ellinwood Public Schools	Barton	bjacobs@usd355.org	620-791-7660	Ben Jacobs
Brian Elliott	USD 355 Ellinwood	Barton	belliott@usd355.org	620-584-3226	Brian Elliott
Richard Hayes	Clifton City of	Barton	rhayes-clftli@hotmail.com	620-992-7073	Richard Hayes
Michelle Barber	Claslin Mayor	Barton	m-urban@hotmail.com	620-581-3798	Michelle Barber
Mel Chesbro	City of St. John	Stafford	succ@gbta.net	620-546-3747	Mel Chesbro
Frieda Smet	City of Larned	Pawnee	building@cityoflarned.com	620-285-8509	Frieda Smet
Clarence D. Suppes	Sunflower Elect.	Barton	edsupes@sunflower.net	620-793-1255 cell 620-786-4450	Clarence D. Suppes
Amy Miller	Barton Co Emergmt	Barton	emergnt@bartoncounty.org	620-793-1919	Amy Miller
Mark Wagner	Pawnee Co EM	Pawnee	mwagner@pcem.kscexmail.com	620-285-5285	Mark Wagner
Mary Jo Taylor	USD 349	Stafford	mjtaylor@stafford349.com	620-234-5243	Mary Jo Taylor

To **Region “E” Hazard Mitigation Planning Committee**

From/ **Matt Eyer, Blue Umbrella Solutions**
Through **Kansas Division of Emergency Management**

Date **07/10/2014**

Subject **Minutes from the Region “E” Mid-Term Meeting held on 07/09/2014 in Pratt, KS.**

This document is a summary of the issues discussed during the above meeting. Topics covered during the meeting included: (1) a review of available grants with a mitigation plan, (2) a review of participation requirements and to date participating jurisdictions, (3) a review of hazards and assigned CPRIs (4) a review of mitigation goals, (5) a review of the plan (6), a discussion of to date public feedback, and (5) a discussion of next steps.

Attendees

A complete list of attendees may be found on the attached meeting sign-in forms.

Introductions

Matt Eyer, Blue Umbrella Solutions, began the meeting by welcoming and thanking the attendees. Matt Eyer, Blue Umbrella Solutions, provided the formal portion of the presentation.

Review of Available Grants

Attendees were reminded of the grant funding streams that were open and available with an approved mitigation plan.

Review of Participation Requirements and Participating Jurisdictions

Mr. Eyer presented information on the requirements imposed on jurisdictions in order to be considered participating. In addition, each county was presented with a review of what was required, if anything, from each jurisdiction within that county. Participating counties were provided with a handout that detailed the above discussion.

Review of Hazards and Assigned CPRIs

Each of the 22 identified hazards was briefly discussed along with the rationale for each CPRI rating. Participating counties were provided with a handout that detailed both their County specific CPRI for each hazard and the aggregate CPRI for the region. Agreement on the hazards and CPRIs was achieved.

Review of Mitigation Goals

Attendees were presented with the derived mitigation goals for the region. Attendees were asked to review each of the four goals and provide any suggestions for modification. All were in agreement that the goals presented were ideal.

Review of Plan

Attendees were presented with an overview of each plan section, including data contained within.

Review of Public Feedback

The local/regional hazard mitigation plan requirements state that the public must have the opportunity to comment on the plan. Meeting attendees were asked to continue providing an avenue for public feedback by making the surveymonkey.com link available over participating jurisdiction websites if possible. Additionally, attendees were reminded of the two week open comment period when the draft plan is complete. To date public feedback was presented to the attendees.

Next Steps

The meeting concluded with a discussion of the remaining steps to complete the planning process as follows:

- County emergency managers receive Draft Plan for mid-term review
- Incorporation of changes and finalization of plan
- Two week public comment period
- Submission to KDEM for review and approval
- Submission to FEMA for review and approval pending adoption
- Adoption by participating jurisdictions

Location: Pratt, Kansas

Date: July 9, 2014

Start: 9:00

Name	Organization	County	Phone and Email
John W. Lehman	Emergency Management	Comanche	comanche County em@gmail.com plem@prattcounty.org
Tim Bauscom	EMERGENCY MANAGEMENT	Pratt	620-672-4132
Jerry McNamee	BA Co EMA	Barber	620-825-4986
Mark Wagner	Pawnee Co. EM	Pawnee	620-285-8966 mwagner@pccem.kscokmail.com
Amy Miller	Barton Co EM	Barton	620-793-1919 emermgnt@bartoncounty.org
Doug Brown	Stafford Co EM	Stafford	620-352-0157

To **Region “E” Hazard Mitigation Planning Committee**

Through **Jeanne Bunting, Mitigation Planner**
Kansas Division of Emergency Management (KDEM)

From **Matthew Eyer, Blue Umbrella Solutions**
Tel / E-mail **303-552-1181 / Matt@blueumbrella.co**

Date **08/18/2014**

Subject **Minutes from the Region “E” Final Meeting held on 08/18/2104 in Greensburg, KS.**

This document is a record of attendance and a summary of the issues discussed during the above meeting. Topics covered during the meeting included: (1) a final review of plan participating jurisdictions, (2) a final review of mitigation goals, (3) a review of final hazards and CPRIs, (4) a review of available grants with a mitigation plan, and (5) incorporation of final edits. The meeting concluded with a discussion of the next steps in the planning process.

Attendees

A complete list of attendees may be found on the attached meeting sign-in forms.

Introductions

Matt Eyer, Blue Umbrella Solutions, began the meeting by welcoming and thanking the attendees. Matt Eyer, Blue Umbrella Solutions, provided the formal portion of the presentation.

Review of Plan Participating Jurisdictions

Mr. Eyer presented information on highlighting participating jurisdictions by county. Attendees were present with a series of slides showing the participating jurisdictions. Attendees were given the opportunity to review each jurisdiction to ensure all were included in the plan. In addition, attendees were provided with information concerning special districts, such as Rural Water Districts or Fire Districts. They were informed that while these districts were not required to formally adopt the plan, in doing so they are given the opportunity to oversee awarded grant funding rather than have the county oversee the funding.

Review of Mitigation Goals

Attendees were presented with the final regional mitigation goals for the region.

Review of Hazards and Assigned CPRIs

Each of the 22 identified hazards was briefly discussed along with the rationale for each CPRI rating.

Review of Available Grants

Attendees were reminded of the grant funding streams that were open and available with an approved mitigation plan.

Incorporation of Final Edits

Attendees were given an opportunity to review the completed draft plan. Any changes or additions were noted to be included in the final plan edit.

Next Steps

The meeting concluded with a discussion of the remaining steps to complete the planning process as follows:

- **August 2014 — Make plan available to public for two week final review**
- **September 2014 — Submit Plan to KDEM**
- **September 2014 — Submit Plan to FEMA**
- **November 2014 — Plan approval and availability for adoption**

Location: Greensburg, Kansas

Date: August 18, 2014

Start: 9:00

Name	Organization	County	Phone and Email
Richard Neilson	Edwards County EM	Edwards	rneilson@edwards.ks.com 620-359-9184
Steve Samuelson	KDA/DWR	State	Steve.Samuelson@Kda.ks.gov
John W. Lehman	Comanche Co. Em Pos	Comanche	1-620-582-2205 ccm@comanchecountyem@gmail.com
Jeanne Bunting	KDEM	Shawnee	
Karen Gilkey	Edwards Co. EM	Edwards	edwards@edwards.ks.gov
Jim Leftwich	KDEM	all	

To **Region “E” Hazard Mitigation Planning Committee**

Through **Jeanne Bunting, Mitigation Planner**
Kansas Division of Emergency Management (KDEM)

From **Matthew Eyer, Blue Umbrella Solutions**
Tel / E-mail **303-552-1181 / Matt@blueumbrella.co**

Date **08/18/2014**

Subject **Minutes from the Region “E” Final Meeting held on 08/18/2104 in Pratt, KS.**

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- **September 2014 — Submit Plan to FEMA**
- **November 2014 — Plan approval and availability for adoption**

Location: Pratt, Kansas
 Date: August 18, 2014
 Start: 13:00

Name	Organization	County	Phone and Email
Steve Samuelson	KDA/DWR	State	Steve.Samuelson@kda.ks.gov 785-296-4622
Tim Branscom	Pratt County EM	Pratt	pcem@prattcounty.org 620-672-4132
Ethel Carter	Reston (City of)	Pratt	the.city.of.reston.67583@prattcounty.org 620-656-8477
Mike Sanders	USD #438 Skyline	Pratt	msanders@skyline-schools.org 620-672-5105 / 620-388-2831
Jeanne Bunting	KDEM	Shawnee	
Russ Rambat	City of Pratt	Pratt	620-672-3806 / 672-1548 Cell
Jiffany Ailstock	City of Coats	Pratt	cityofcoats@yahoo.com 620-388-0134
Jenna McClaman	BACO EMA	Barber	baaco1999@snet.com.net 620-825-4986
Andy Shuf	PRMC	Pratt	620-672-7451
Jim Leftwich	KDEM		james.t.leftwich.nfg@email.mil 316-833-0498
Marsha Gissy	City of Tuls	Tulsa	620-546-2294
Danna Meier Plozger	Red Cross	Pratt	danna.meierplozger@redcross.org 620-672-2105

To **Region “E” Hazard Mitigation Planning Committee**

Through **Jeanne Bunting, Mitigation Planner**
Kansas Division of Emergency Management (KDEM)

From **Matthew Eyer, Blue Umbrella Solutions**
Tel / E-mail **303-552-1181 / Matt@blueumbrella.co**

Date **08/19/2014**

Subject **Minutes from the Region “E” Final Meeting held on 08/19/2104 in St. John, KS.**

This document is a record of attendance and a summary of the issues discussed during the above meeting. Topics covered during the meeting included: (1) a final review of plan participating jurisdictions, (2) a final review of mitigation goals, (3) a review of final hazards and CPRIs, (4) a review of available grants with a mitigation plan, and (5) incorporation of final edits. The meeting concluded with a discussion of the next steps in the planning process.

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Attendees were presented with the final regional mitigation goals for the region.

Review of Hazards and Assigned CPRIs

Each of the 22 identified hazards was briefly discussed along with the rationale for each CPRI rating.

Review of Available Grants

Attendees were reminded of the grant funding streams that were open and available with an approved mitigation plan.

Incorporation of Final Edits

Attendees were given an opportunity to review the completed draft plan. Any changes or additions were noted to be included in the final plan edit.

Next Steps

The meeting concluded with a discussion of the remaining steps to complete the planning process as follows:

- **August 2014 — Make plan available to public for two week final review**
- **September 2014 — Submit Plan to KDEM**
- **September 2014 — Submit Plan to FEMA**
- **November 2014 — Plan approval and availability for adoption**

Location: St. John, Kansas
 Date: August 19, 2014
 Start: 8:00

Name	Organization	County	Phone and Email
Doug Brown	SFCO Emergency Mgmt	Stafford	620-352-0180 stafford-pd@stg.lbl.net
Jane Dickson	City of Stafford	Stafford	620-234-5011 city of Stafford@sbeg.lbl.net
Shawn Burgey	City of Stafford	Stafford	620-234-5011 city of Stafford@sbeg.lbl.net
Mel Chesbro	City of St. John	Stafford	620-546-3747 sjcc@gbta.net
michael J Napolitano	City of Great Bend	Barton	620-793-4141 miken@greatbendks.net
Robert Peter	city of Ellinwood	Barton	620-564-3161 peter@cityofellinwood.com
Pete Witt	City of Hudson	Stafford	620-458-3953 pawitt@embarqmail.com
Richard Hayes	City of Ustin	Barton	620-587-3707 rhayes-ustlin@hotmail.com
Doug Hubbard	City of Clatlin/Barton County	Barton	620-942-7033 dhubbard@bartoncounty.org 620-793-1919
Amy Miller	Barton County EM	Barton	emermgmt@bartoncounty.org 620-285-8966
Mark Wagner	Pawnee County EM	Pawnee	mwagner@pccem.kscowmail.com 785-475-4486
Keli Habiger	Rural Water District No 1 Ellsworth County	Barton	khabiger@postrackwd.com
Juhie J Bissell	City of Macksville	Stafford	620-348-9575 macksvillecity@gbta.net
Mark Dean	Barton County College	Barton	620-792-9235 deanm@bartonccc.edu

Name	Organization	County	Phone + Email
Jonathan Mitchell	City of Harrison	Barton	(620) 653-4125 j.mitchell@harrisonks.org
Bernie Everett	USD 355 Furnwood	Barton	(420) 564-3226 bellrotte.usd355.org
Melissa Dove	Stafford Co Hospital	Stafford	600-234-5221 mcdove@sch4.org
Mary Jo Taylor	USD #349	Stafford	680 234-5243 mjtaylor@stafford349.com
Jeanne Bunting	KDEM	Shawnee	

I have attached our advertising reference our Mitigation Plan. We have a 'Yellow Sheet' that goes out every week via email that I've put it in. I've also printed signs to post at the Library, 3 post offices and the courthouse. I've also made note on our website:

<http://www.kiowacountyks.org/lepc.html> and our FB page:
<https://www.facebook.com/KiowaCountyEmergencyManagement?ref=hl>

If you have any questions, just ask! Thanks!

Lorena Lothman
Administrative Assistant
Kiowa County Emergency Management
211 E Florida Ave
Greensburg, KS 67054
620-723-4154

Matt,

I have been in contact with the participating entities in Pawnee County - cities, school districts, hospital, watershed district and REC's, and they have indicated that they have been unable to attend the planning meetings due to budgetary or time constraints. Many of the small cities are open very limited hours, the schools have had various activities, and all of the entities have limited personnel (if any) devoted to emergency management issues.

Should you have any questions please let me know.

Thank you,

Mark

Mark L Wagner

Pawnee County Emergency Management
715 Broadway
Larned, KS 67550
(620) 285-8966 office
(620) 285-8910 fax
(620) 285-5285 cell
mwagner@pcem.kscoxmail.com

Dear Matt,

Due to budgetary and time constraints not all of jurisdictions participating for Edwards County were able to attend the scheduled meetings. I reached out via phone and emails to those

jurisdictions to discuss the mitigation projects and to solicit any required information or input. As such, I consider them to be fully participating in this program.

Sincerely,

Richard Neilson, Edwards County Emergency Management Director

Matt,

Due to budgetary and time constraints, not all of my participating jurisdictions were able to attend the scheduled meetings. I have reached out via phone, email, and personal visits to discuss the mitigation project and obtain any required input and information. As such, I consider them to be fully participating.

Please find this email as correspondence for non compliant jurisdictions

Ray Stegman
Kiowa County Emergency Manager
[620-723-4154](tel:620-723-4154)
Greensburg, Ks. 67054

APPENDIX C

PUBLIC SURVEY

Region E Mitigation Plan Public Input

*1. What County and Jurisdiction do you live in?

*2. In the Region consisting of Barber, Barton, Comanche, Edwards, Kiowa, Pawnee, Pratt, and Stafford Counties, the planning committee has determined that the hazards listed below are of significance to the area. Please indicate the level of risk, or extent of potential impacts, in the Region, that you perceive for each hazard.

	Negligible	limited	Moderate	Critical	Catastrophic
Tornado	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Winter Storm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flood	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Windstorm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lightning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Wildfire	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hailstorm	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Drought	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Extreme Temperatures	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Agricultural Infestation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

*3. In the Region, the planning committee has determined that a Flood event is a high hazard. How important is it to you that your community participate or continue to participate in the National Flood Insurance Program?

- Very Important
 Somewhat Important
 Not Important
 No Opinion

*4. Funding request for FEMA Hazard Mitigation Grant Program Funds are currently reviewed initially by the Kansas Division of Emergency Management. Listed below are their current funding priorities. Please check those that could benefit your community.

- Power Line Upgrades
 Acquisition/Demolition/Elevation of Flood Prone Properties
 Community Shelters, Shelters for Schools and Public Buildings
 Protection of Critical Facilities

*5. Have you had an opportunity to read your current Hazard Mitigation Plan?

- Yes
 No
 Did not know we had one

*6. Do you know where the mitigation plan can be found for your county if you wanted to look at it?

- yes
 no

7. Your input is valuable to this planning process. Please comment on any other issues that the planning committee should consider in developing a strategy to reduce future losses caused by natural hazard events.

8. Do you have any mitigation projects you would like to see implemented and what are they?

Done

APPENDIX D

CRITICAL FACILITIES

RESTRICTED

APPENDIX E

FEMA APPROVAL DOCUMENTATION