

Mitigation Projects and Goals

Each participating jurisdiction was asked to identify mitigation projects and goals that would help their communities become more disaster resistant. For the City of Springfield and Greene County, all of the **goals and actions** from the previous plan submitted in 2004 were still applicable, so all were carried forward and new ones were added. **The status of all goals and actions are identified and the status is described for the goals and actions listed in the Springfield – Greene County 2004 Hazard Mitigation Plan and the City of Willard 2004 Hazard Mitigation Plan.**

While the City of Springfield and Greene County are two separate jurisdictions, the goals for both jurisdictions were combined as they require cooperation and execution amongst several combined agencies (e.g. Springfield-Greene County Office of Emergency Management, Springfield-Greene County Health Department, etc). Due to the unique working relationship city and county offices have, the combination of their projects and goals seemed appropriate.

Listed below are the definitions and the processes used to complete this section:

I. Mitigation Action Determination

Definition of Mitigation

According to the Disaster Mitigation Act of 2000, mitigation is defined as “any sustained action taken to reduce or eliminate the long-term risk to human life and property from hazards. The goal of mitigation is to reduce or eliminate loss of lives and property”.

Mitigation Strategies

Mitigation includes any activities that prevent an emergency, reduce the chance of an emergency from happening, or lessen the damaging effects of unavoidable emergencies. Efforts by Federal, State and local governments can restrict development in vulnerable areas, direct new development to less vulnerable areas and promote ways to safeguard existing development in hazard-prone areas. Citizens can perform mitigation through practicing sound safety and property prevention measures.

There are six strategies for mitigation that produce safer environments. They include prevention, life & property protection, natural resource protection, emergency services, infrastructure projects and public information/education.

- **Prevention:** regulatory methods include planning and zoning, building regulations, land use regulations, Stormwater management, etc...
- **Life and Property Protection:** Methods include land acquisition, relocation of structures, modifying “at-risk” structures and flood proofing at-risk structures.
- **Natural Resource Protection:** reduces hazard impacts through measures such as erosion and sediment control or wetland protection.

- Emergency Services: measures include public warning, response capacity, critical facilities protection and public health and safety.
- Infrastructure Projects: include the control of natural hazards through projects such as reservoirs, channel modifications and storm sewers.
- Public Information/Education: includes providing hazard maps and information on area hazards, instructions on prevention and mitigation strategies, outreach programs and technical assistance and education.

Mitigation Versus Preparedness, Response and Recovery

Mitigation does not include other functions such as preparedness, response, or recovery. Preparedness includes plans and preparations made to save lives and property and to facilitate response operations. Response includes actions taken to provide emergency assistance, save lives, minimize property damage, and speed recovery immediately following a disaster. Recovery includes actions taken to return to a normal or improved operating condition following a disaster.

Mitigation Plan Benefits

Hazard mitigation planning is a tool that communities use to:

- Reduce injury, death or property loss
- Identify specific problems and appropriate solutions
- Achieve multiple objectives in a sustained and efficient manner
- Reduce future risks
- Prioritize post-disaster projects
- Enhance funding opportunities through Federal, State and local programs.
- Promote public participation and ownership of solutions.

II. County Hazard Mitigation Goals, Action, Objectives, Strategy and Coordination

This plan has established a set of goals to assist the community in fulfilling the established purpose of this plan. Mitigation goals for Greene County and the participating jurisdictions were acquired from numerous planning processes (completed and ongoing).

- Protect the public's safety, health and welfare by increasing the public's awareness of existing hazards and by fostering both individual and public responsibility in mitigating risks due to those hazards.
- Increase the ability of Greene County and all participating jurisdictions to mitigate the effects of hazards through enhancing existing or designing new policies, ordinances or regulations that will reduce the potential damaging effects of hazards without hindering other community goals.
- Manage area growth through sustainable principles and practices.
- Identify new and existing needed mitigation measures for consideration; look for funding mechanisms to support the completion of these measures.

Proposed Mitigation Projects

The mitigation plan identifies projects developed through data collection and research. These projects are considered to be important community mitigative actions. Mitigation plan activities may be considered for funding through Federal and State grant programs, and when other funds are made available through County or City budget processes. To assist in ensuring activity implementation, each action item includes information, on the timeline and coordinating organizations. Upon implementation, the coordinating organizations may look to partner organizations for resources and technical assistance.

- Goal: A state of affairs that a plan is intended to achieve and that (when achieved) terminates behavior intended to achieve it
- Action: the state or process of acting or doing
- Project Status: New, Ongoing, Completed or Terminated
- Progress: The progress of the project if it is ongoing (from previous plan)
- Objective: the goal intended to be attained (and which is believed to be attainable)
- Coordinating Organization: The organization that will gather resources, locate applicable funding, or oversee project activity, implementation, monitoring and evaluation. Coordinating organizations may include municipal, county, or regional agencies that are capable of or responsible for implementing mitigation activities and programs
- Priority Rank: High, Medium and Low
- Priority Timeline: Action items include both short and long-term activities. Each action item includes an estimate of the timeline for implementation. Short-term action items that City or County agencies may implement with existing resources and agencies/organizations within *one to two years*. Long-term action items may require new or additional resources and may take between *two to five years* to implement. For events with an undetermined or variable time frame, the term “*continuing*” has been used.
The Priority Rank and Priority Timeline were used together to prioritize projects and goals for each Jurisdiction. A very important goal that is likely to gain funding and be accomplished quickly might have a rank of High and a Timeline of 1 to 2 years, while a project that is not as important or is not likely to gain funding soon, might have a rank of medium and a timeline of 3-5 years. Of course, none of these are set in stone, as funding sources may appear or disappear and due to other circumstances, a low ranking goal may become more important to a community (such as after a tornado, a safe room may move up the list).
- Type of Strategy: Prevention, Life & Property Protection, Natural Resources Protection, Emergency Services, Infrastructure Projects or Public Information/Education
- Potential Funding Sources: Internal funds generated directly from local governmental funding sources (taxes, bonds, budget lines, etc...), Governmental Program Funds which are funds granted to the local entity from State and/or Federal funding sources, Private Funding which comes from grants, loans or donations secured by the local entity for the purposes of the mitigation process.
- Evaluation: The determining event that provides validation that the objective is met, started, ongoing or otherwise functional.
- Hazard(s): Lists the identified local hazards associated with the Action Item or Objective.

Prioritization of Mitigation Projects and Goals

Many variables must be taken into account when prioritizing Mitigation Projects and Goals. Some of the most important are:

- **Benefit-Cost Review** – takes into account the monetary and non-monetary costs and benefits associated with each action. (Example: A tornado safe room may be more expensive than another goal, but it likely affects more people.)
- **Ease of implementation** – takes into account the ease of completing a goal in a short time and at little financial cost, but still reaching a large number of people. (Example: Conducting community hazard education through the media.)
- **Multi-objective actions** – takes into account that some mitigation projects might achieve more than one community goal. (Example: A flood buyout of a property will ensure that there will be no more cost associated with damage to that property, but it could also allow the city to build a park or greenspace in its place.)
- **Time** – takes into account that some projects could be completed quickly, whereas others may take years to finish. (Example: Community education on in-place sheltering during tornadoes could be completed much more quickly than building of a safe room.)
- **Post-disaster mitigation** – Takes into account that funding, political and social considerations may change considerably following a disaster. (Example: Funding becoming available for flood buy-outs following a large rainstorm causing flooding and damage to property.)

Due to the fact that the Greene County Hazard Mitigation Plan is a multijurisdictional document (with 26 jurisdictions involved); each jurisdiction followed these actions in prioritizing their projects and goals. The Springfield-Greene County Office of Emergency Management held a workshop during the planning process to explain mitigation projects and goals so each jurisdiction could learn to complete these steps within their own jurisdiction.

Once Each Jurisdiction brainstormed and came up with their list of mitigation projects and goals, they were asked to rank them by their importance and also by the time they would like to have them finished. As mentioned above, the Priority Rank and Priority Timeline in each table reflect this data.

Obviously the Benefit-Cost Review was a very important step in the prioritization of mitigation projects and goals. Each jurisdiction was required to look very carefully at each mitigation goal they wrote and answer a few questions:

- How many people will be affected by the Hazard?
- How big of an area might be affected?
- How much property damage might occur (in \$)?
- How many properties or physical assets might have loss of use?
- How many people might lose their life?
- How many people might be injured?

These questions needed to be answered assuming the mitigation project had not been completed, and again assuming the mitigation project would be completed. Once they had done that, they would have to come up with the difference between the two. That difference was the

information used to prioritize their mitigation projects. Once jurisdictions had prioritized the projects using the Benefit-Cost Review, they then had to take into account the other variables mentioned above.

The Mitigation Projects and Goals in the revised Greene County Hazard Mitigation Plan were heavily influenced by post-disaster mitigation. During the time in which the jurisdictions were brainstorming and prioritizing their mitigation projects and goals, the County experienced an outbreak of very severe weather including tornadoes and extremely high winds. The storm caused very extensive damage in many of the jurisdictions, including many cities, schools and even a fire station. One of the schools, Fair Grove, actually had students trapped for a short time when the roof of the hallway they were in collapsed on top of them. This outbreak of storms caused widespread damage in the County, but also opened many doors for funding and political backing for jurisdictions to bring up the mitigation projects and goals they were working on, especially ones dealing with severe weather, such as tornado safe rooms. As a result, many jurisdictions wrote projects to install a safe room and some have already been able to find funding to use for their match. This is just one example of how the jurisdictions looked carefully at all of their ideas to decide on the ones best suited for their communities.

Mitigation Best Practices

Listed as part of some mitigation goals is a section titled “Best Practices”. Best practices are programs or campaigns already on-going to promote the Goal, Actions or Objectives. These lists are not meant to be all-inclusive.

Incorporating Mitigation Strategy

The information in the 2009 Greene County Multijurisdictional Hazard Mitigation Plan will not stand alone, but will be incorporated into other planning processes. Each Jurisdiction in the Mitigation Plan has a planning committee that strives to plan for the safety of their community. These planning committees will review the information in the Mitigation Plan and apply it where applicable (e.g emergency plans, SOPs, EOPs, etc)

Greene County and the City of Springfield

Goal 1: Protect the lives of Springfield and Greene County residents and citizens by preventing sinkhole collapse and flooding.

Action 1.1: Obtain LIDAR imaging over the entire unincorporated county and use the LIDAR information to more accurately assess the location, size and stability of existing sinkholes.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Apply for FEMA grand funding so that the LIDAR flights can occur o Use the new LIDAR information to limit structures and development from occurring in high risk areas o Use the new LIDAR information to begin to remove existing structures and developments from high risk areas
Coordinating Organizations	Greene County Resource Management, Greene County GIS
Priority Rank	High
Priority Timeline	1 to 3 years
Type of Strategy	Prevention, Infrastructure Protection
Potential Funding Sources	Internal, Government Program Funds, Private Funding
Evaluation	LIDAR flights completed and information available
Hazards	Flooding, Land Subsidence

Goal 2: To protect the lives of Greene County residents and citizens by mitigating groundwater contamination that occurs due to large spills or illegal dumping of fluids that enter the groundwater system.

Action 2.1: Obtain more accurate mapping information on faults, lineaments and fissures that could be areas of rapid contamination and develop a more extensive map of underground water transfer (groundwater trace) points and recharge areas for important springs in the county.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Create and update a map of all petroleum pipelines and storage facilities in the county o Apply for funding to have field and GPS inspections conducted over the whole county.
Coordinating Organizations	Greene County Resource Management, Greene County GIS
Priority Rank	High
Priority Timeline	1 to 3 years
Type of Strategy	Prevention, Infrastructure Protection

Potential Funding Sources	Internal, Government Program Funds, Private Funding
Evaluation	Completed Mapping
Hazards	Flooding, Land Subsidence

Goal 3: Protect the lives of Springfield and Greene County residents and citizens.

Best Practices Implemented Locally:

- System of 80 out-door warning sirens that cover 100% of the city of Springfield and 90 % of the urban service area.
- Triple and in some cases quadruple redundancy for siren activation.

Action 3.1: Install outdoor warning sirens in densely populated of the county that are not currently covered by sirens.

Project Status	Ongoing
Progress	Completed a study to determine where the new sirens should be placed.
Objectives	<ul style="list-style-type: none"> ○ Monitor annexation process to stay informed as to upcoming and potential annexations to ensure warning siren coverage remains consistent with current standard ○ Develop guidelines for placement of warning devices in applicable unincorporated areas of the County
Coordinating Organizations	Office of Emergency Management, Public Works, City Manager, City Law Department
Priority Rank	High
Priority Timeline	Continuing
Type of Strategy	Life & Property Protection
Potential Funding Sources	Internal, Government Program Funds, Private Funding
Evaluation	Warning system coverage maps
Hazards	Tornados/Severe Thunderstorms

Action 3.2: Install cameras in strategic areas around Springfield to monitor weather and also monitor specific areas that routinely host very large numbers of people.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Develop a plan to install cameras at sites that routinely host large special events and that also have good vantage points to monitor incoming weather ○ Install cameras at chosen sites and link them to the Emergency Operations Center ○ Utilize live feeds to gain intelligence during special events
Coordinating Organizations	Springfield-Greene County Office of Emergency Management, City of Springfield, Springfield Police Department
Priority Rank	Medium to High

Priority Timeline	3-5 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funds, Private Funding
Evaluation	Installation of Cameras
Hazards	All

Goal 4: Enhance coordination of emergency planning and technology operations between local governments, community groups, businesses and citizens and regional partners.

Best Practices Implemented Locally:

- City/County participates in the National Flood Insurance Plan (NFIP)
- Printers at Fire Stations for 911 Dispatch Location Determination.
- Enhanced Geographic Information Systems (GIS)
- Emergency Alert System (EAS), dedicated phone circuit from the Emergency Operations Center to the KTTS radio station.
- Business and Industry Disaster Planning
- Centralized Emergency Communications Center (911)

Action 4.1: Continue to develop technological and procedural systems to improve communications and information sharing between emergency services.

Project Status	Ongoing
Progress	Now have Greene County and Region D communications plans
Objectives	<ul style="list-style-type: none"> o Continue to pursue the establishment of an 800 MHz link between Jasper County and Greene County
Coordinating Organizations	Trunked Radio System (TRS) Group, Springfield City Utilities, Public Safety Collaborative, Regional Planning Teams
Priority Rank	High
Priority Timeline	3-5 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funds, Private Funding
Evaluation	FCC, Regional and Committee/ Local Authority Approvals
Hazards	All

Goal 5: Identify and pursue funding opportunities to develop and implement City and County mitigation activities.

Action 5.1: Locate both public and private funding for mitigation activities.

Project Status	Ongoing
Progress	Received HMGP Funds for Flood and Storm Shelter Projects
Objectives	<ul style="list-style-type: none"> o Allocate City and County resources and assistance to mitigation projects when possible and appropriate

	<ul style="list-style-type: none"> o Partner with other organizations and agencies in Greene County to identify grant programs, foundations and donations that may support mitigation activities
Coordinating Organizations	Office of Emergency Management, County Departments, City Departments, Springfield Chamber of Commerce, State Emergency Management Agency
Priority Rank	High
Priority Timeline	Continuing
Type of Strategy	Prevention and Infrastructure Projects
Potential Funding Sources	Government Program Funds, Private Funding
Evaluation	Grant, Loan and/or Donation funding approvals
Hazards	All

Goal 6: Develop public and private partnerships to foster hazard mitigation program coordination and collaboration in Greene County

Action 6.1: Make Mitigation Plan available and encourage people to be involved in its continued development.

Project Status	Ongoing
Progress	Copies of the plan were available in the OEM office, Every Jurisdiction involved in the plan and also local libraries.
Objectives	<ul style="list-style-type: none"> o New- Post the Mitigation Plan on the OEM website Provide copies of plan to libraries and local government agencies. o Work with participants to modify this plan as necessary to address specific hazard mitigation issues as they arise. o Identify all municipal, County and regional organizations with responsibilities for, or an interest in, hazard mitigation. o To the extent possible, involve the private sector in hazard mitigation programs and activities.
Coordinating Organizations	Office of Emergency Management
Priority Rank	High
Priority Timeline	1 year
Type of Strategy	Prevention
Potential Funding Sources	Internal Government Program Funds
Evaluation	Mitigation programs implementation
Hazards	All

Goal 7: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.

Action 7.1: Improve the efficiency, timing and effectiveness of response and recovery efforts during times of disaster.

Project Status	Ongoing
Progress	Have become a Storm Ready Community and have created a Multijurisdictional Hazard Mitigation Plan and a Debris Management Plan
Objectives	<ul style="list-style-type: none"> ○ Strengthen emergency services preparedness, response and recovery by linking them to hazard mitigation programs. ○ Enhance strategies for post disaster debris management. ○ Consider for ordinance, regulation, rule or order the following: (1) requiring all buildings (other than residential space) have a tornado refuge (shelter) plan, (2) requiring all buildings to have in place access to up to the minute severe weather alerting. ○ Evaluate the need for tornado safe room in essential facilities and other establishments serving the public (e.g. schools, hospitals and other critical facilities). ○ Enhance data and mapping for floodplain and sinkhole information in and around flood-prone areas outside of designated floodplains.
Coordinating Organizations	County Commission, Office of Emergency Management, Greene County Highway Department, Fire Departments and other Public Safety Agencies, National Weather Service
Priority Rank	High
Priority Timeline	2-3 years
Type of Strategy	Emergency Services and Life & Property Protection.
Potential Funding Sources	Internal, Government Program Funds, Private Funding
Evaluation	Adopted rules and regulations, public and private feedback.
Hazards	All

Goal 8: Continue with governmental infrastructure improvements, retrofits, and additions.

Best Practices Implemented Locally:

- Adopted and enforce storm water management regulations.
- Initiated storm drain marker program with the slogan “No Dumping, Drains to Waterways”. Storm Water Services has been placing markers on curb inlets in the City to raise awareness about the connection between what goes into the storm water drainage system and the quality of our rivers and lakes.
- Adopted and enforces storm water management regulations.
- Adopted and enforces Planning and Zoning Ordinances.
- Adopted and enforces nationally recognized Building Codes.
- Adopted and enforces fire codes.

Action 8.1a: Complete identified City of Springfield & Greene County Capital Improvement Projects.

Project Status	New
Progress	N/A

Objectives	<p>Partial general list of future mitigation capital improvements includes, but is not limited to:</p> <table style="margin-left: 40px;"> <tr> <td>Storm Sewers</td> <td style="text-align: right;">\$11,376,029</td> </tr> <tr> <td>Sanitary Sewers</td> <td style="text-align: right;">\$45,165,754</td> </tr> <tr> <td>Traffic Engineering</td> <td style="text-align: right;">\$3,231,366</td> </tr> <tr> <td>Solid Waste Facilities</td> <td style="text-align: right;">\$2,946,995</td> </tr> <tr> <td>Fire Stations</td> <td style="text-align: right;">\$0</td> </tr> </table>	Storm Sewers	\$11,376,029	Sanitary Sewers	\$45,165,754	Traffic Engineering	\$3,231,366	Solid Waste Facilities	\$2,946,995	Fire Stations	\$0
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Sanitary Sewers	\$45,165,754										
Traffic Engineering	\$3,231,366										
Solid Waste Facilities	\$2,946,995										
Fire Stations	\$0										
Coordinating Organizations	Springfield-Branson Regional Airport, Springfield Police Department, Springfield Fire Department, Municipal Buildings and Grounds, Springfield-Greene County Parks Department, Public Works-Sanitary Sewer, Solid Waste, Storm Water, Streets and Traffic Signals Departments and the Emergency Communications Center, Greene County Highway Department, Greene County Resource Management, Greene County Building Regulations, Greene County Sheriff's Office										
Priority Rank	Medium-High										
Priority Timeline	1-5 years										
Type of Strategy	Prevention, Life & Property Protection, Emergency Services and Infrastructure Protection										
Potential Funding Sources	Internal, Government Program Funds, Private Funding										
Evaluation	Project completions										
Hazards	All										

Action 8.2: Strengthen public utilities.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Research utility outages in past disasters o Develop a plan based on past outages to strengthen most critical areas o Bury the most critical power lines
Coordinating Organizations	City Utilities, City of Springfield, Springfield-Greene County Office of Emergency Management
Priority Rank	High
Priority Timeline	2-5 years
Type of Strategy	Infrastructure Projects
Potential Funding Sources	Internal, Government Program Funds
Evaluation	Completion of Project
Hazards	Thunderstorms, Tornados, Winter Storms

Action 8.3: Build community safe rooms to better serve the community during disasters.

Project Status	New
Progress	N/A

Objectives	<ul style="list-style-type: none"> ○ Research areas that are not currently served by a safe room ○ Develop a plan to build a safe room ○ Build the safe room
Coordinating Organizations	City of Springfield, Greene County, Springfield-Greene County Office of Emergency Management, Building Regulations, Chosen Architect, Engineer & Builder
Priority Rank	High
Priority Timeline	2-5 years
Type of Strategy	Infrastructure Projects, Personal and Property Protection
Potential Funding Sources	Internal, Government Program Funds
Evaluation	Completion of Project
Hazards	Thunderstorms, Tornados

Goal 9: Ensure continued operation of government and emergency functions in a disaster.

Action 9.1: Replace existing emergency management offices and Emergency Operations Center.

Project Status	Ongoing
Progress	The funding has been acquired and construction on a new facility will begin in the summer of 2010.
Objectives	<ul style="list-style-type: none"> ○ Move from current 102 year old structure to one that is better suited to the growing community. ○ Partner with other agencies to make the new facility as broadly marketable as feasible. ○ Ensure facility is technologically advanced to support the rapidly changing public safety needs. ○ Harden facility against natural and man-made hazards
Coordinating Organizations	Office of Emergency Management, Springfield-Greene County Emergency Communications, County Commission, County Building Regulations, numerous Public Safety Agencies
Priority Rank	High
Priority Timeline	Continuing (> 2 years until completion)
Type of Strategy	Emergency Services and Infrastructure Projects
Potential Funding Sources	Internal, Government Program Funds, Private Funding
Evaluation	Facility dedication
Hazards	All (specifically Earthquake, Tornados/Severe Thunderstorms, Flooding, Severe Winter Storm)

Goal 10: Develop and implement public education and awareness programs and activities that focus on the mitigation of natural hazards.

Action 10.1: Develop the ability to broadcast emergency and public education material to the general public

Project Status	Ongoing
Progress	The Office of Emergency Management has an official MOU with radio station KTTS to broadcast emergency information as needed.
Objectives	<ul style="list-style-type: none"> o Partner with other public and private entities to develop AM or FM low power radio station(s) to provide city and county residents with continuous mitigation, preparedness, response and recover information
Coordinating Organizations	Office of Emergency Management, City Utilities, Springfield Public Works, Greene County Highway Department, National Weather Service, Springfield Public Information Office, Springfield-Greene County Health Department, American Red Cross, Salvation Army
Priority Rank	Medium
Priority Timeline	1-3 years
Type of Strategy	Public Information/Education
Potential Funding Sources	Internal, Government Program Funds, Private Funding
Evaluation	Public feedback on programs and content
Hazards	All

Action 10.2: Develop movie theater based public education campaign.

Project Status	Ongoing
Progress	Reprioritized due to time and financial constraints
Objectives	<ul style="list-style-type: none"> o Partner with other public and private entities to develop a vehicle to educate the community using the “big screen” to deliver professional educational program materials, to targeted groups, reaching staggering numbers of people for a low investment of resources.
Coordinating Organizations	Office of Emergency Management, National Weather Service, Springfield Public Information Office, Springfield-Greene County Health Department, American Red Cross, Salvation Army
Priority Rank	Low-Medium
Priority Timeline	2-4 years
Type of Strategy	Public Information/Education
Potential Funding Sources	Government Program Funds, Private Funding
Evaluation	Public feedback on programs and content
Hazards	All

Action 10.3: Create a website for the purpose of mitigation.

Project Status	Ongoing
Progress	Reprioritized due to time and financial constraints
Objectives	<ul style="list-style-type: none"> o Revised Multijurisdictional Mitigation Plan o Maps of hazard-prone areas o Fact sheets and general information on applicable hazards o Building codes

	<ul style="list-style-type: none"> ○ Information on the National Flood Insurance Program ○ Information on damage prevention. ○ Links to websites with information on hazard mitigation
Coordinating Organizations	Office of Emergency Management, National Weather Service, Springfield Public Information Office, Springfield-Greene County Health Department, American Red Cross, Salvation Army, City/County Information Systems, Greene County Library
Priority Rank	Medium
Priority Timeline	1 year
Type of Strategy	Public Information/Education
Potential Funding Sources	Government Program Funds, Private Funding
Evaluation	Public feedback on programs and content
Hazards	All

Action 10.4: Develop public service announcements (PSAs) on hazard mitigation programs and activities.

Project Status	Ongoing
Progress	Disaster specific PSAs have been created
Objectives	<ul style="list-style-type: none"> ○ Provide these PSAs to radio, television and cable stations
Coordinating Organizations	Office of Emergency Management, National Weather Service, Springfield Public Information Office, Springfield-Greene County Health Department, American Red Cross, Salvation Army
Priority Rank	Medium
Priority Timeline	1-3 years (to create more)
Type of Strategy	Public Information/Education
Potential Funding Sources	Government Program Funds, Private Funding
Evaluation	Public feedback on programs and content
Hazards	All

Action 10.5: Develop brochures and other informational materials on mitigation programs and other related activities.

Project Status	Ongoing
Progress	Many documents about mitigation have been created and handed out
Objectives	<ul style="list-style-type: none"> ○ Education materials should be developed as program packets ○ Program materials could be placed in libraries, community centers and other public facilities
Coordinating Organizations	Office of Emergency Management, National Weather Service, Springfield Public Information Office, Springfield-Greene County Health Department, City/County GIS, American Red Cross, Salvation Army
Priority Rank	Medium
Priority Timeline	Continuing 1-3 years

Type of Strategy	Public Information/Education
Potential Funding Sources	Internal, Government Program Funds, Private Funding
Evaluation	Public feedback on programs and content
Hazards	All

Action 10.6: Conduct workshops on hazard mitigation

Project Status	Ongoing
Progress	Workshops on Hazard Mitigation were conducted, but more workshops on mitigation projects will be conducted in the future
Objectives	<ul style="list-style-type: none"> ○ Develop more comprehensive workshops to be conducted for elected officials, business owners, and other community leaders on hazard mitigation programs and activities
Coordinating Organizations	Office of Emergency Management, Elected Officials, City Manager, Chamber of Commerce, National Weather Service, Springfield Public Information Office, Springfield-Greene County Health Department, American Red Cross, Salvation Army
Priority Rank	Medium-High
Priority Timeline	Continuing 1-3 years
Type of Strategy	Public Information/Education
Potential Funding Sources	Government Program Funds, Private Funding
Evaluation	Program attendee feedback
Hazards	All

Goal 11: Continue to protect area ecosystems.

Best Practices Implemented Locally:

- *Adopted rules and regulations regarding the expansive sinkhole systems located in the city of Springfield and Greene County.*

Action 11.1: Use technical knowledge of natural ecosystems to link natural resource management and land use organizations to mitigation activities and technical assistance.

Project Status	Ongoing
Progress	Reprioritized due to time and financial constraints
Objectives	<ul style="list-style-type: none"> ○ Review ordinances, orders and regulations that protect natural systems and resources to mitigate for natural hazards for possible enhancements ○ Pursue vegetation and restoration practices that assist in enhancing and restoring natural and beneficial functions of area watersheds ○ Develop education and outreach programs that focus on protecting natural systems as a mitigation activity. ○ Enhance strategies for post disaster debris management
Coordinating	Greene County Building Regulations, Greene County Planning &

Organizations	Zoning, Springfield Building Development Services, Springfield Planning, Springfield Public Works, Springfield-Greene County Parks Department, Watershed Committee of the Ozarks, James River Basin Partnership, Missouri Department of Natural Resources
Priority Rank	Medium-High
Priority Timeline	1-5 years
Type of Strategy	Protection of Life and Property and Natural Resource Protection
Potential Funding Sources	Internal, Government Program Funds, Private Funding
Evaluation	Research studies
Hazards	Flooding, Land Subsidence, Tornadoes/Severe Thunderstorms

Goal 12: Develop and implement mitigation measure that focus on building, modifying or retrofitting buildings and other structures to minimize the effects of natural hazards on them and their occupants.

Best Practices Implemented Locally:

- *Office of Emergency Management—on an ongoing basis performs “Tornado Surveys” for businesses to assist in determining the best structural areas to shelter personnel during periods of severe weather.*
- *Office of Emergency Management—on an ongoing basis performs “Tornado Surveys” for schools to assist in determining the best structural areas to shelter staff and students during periods of severe weather.*
- *Adopted and enforce Planning and Zoning Ordinances.*
- *Adopted and enforces nationally recognized Building Codes.*
- *Adopted and enforces fire codes.*
- *City of Springfield, Floodplain Acquisition Program Summary: (2004-present)*

Flood properties purchased by the City of Springfield, 2004-2009:

Pinehurst and Deerfield Sinkhole

Address	Month	Year	City Funds	Total Cost (with federal funds)
Kirkwood Park Sinkhole				
2266 E Kirkwood	May	2004	58,500	58,500
2333 E Kirkwood	July	2005	75,000	75,000
2308 E Langston	Dec	2008	150,000	150,000
Patterson & Cherry Sinkhole				
414 S Patterson	Dec	2008	72,000	72,000
Cherry & Villa Rose Sinkhole				
518 S Villa Rose	June	2008	90,000	90,000
528 S Villa Rose	Nov	2008	92,000	92,000
Cherry to McDaniel Drainageway				
2023 E Elm, 45ft of frontage	May	2004	17,700	17,700

Erie Sinkhole				
3215 S Market	March	2004	100,000	100,000
564 W Erie	April	2005	40,000	40,000
Lancelot Ct				
2934 S Lancelot Ct	July	2004	81,000	81,000
North Branch Jordan Properties				
1422 N Rogers	March	2004	60,000	60,000
1405 N Prospect, part of lot	April	2004	18,500	18,500
1430 N Rogers, part of lot	March	2004	5,000	5,000
1419 N Rogers, part of lot	March	2004	6,700	6,700
1424 N Prospect, part of lot	March	2004	5,000	5,000
1427 N Fremont & lot to north	Sept	2004	3,350	3,350
1423 N Prospect	July	2007	46,000	46,000
Fort & Catalpa Sinkhole				
1406 W Catalpa	Jan	2006	39,270	39,270
Fassnight Creek				
301 E Bennett	June	2004	88,000	88,000
312 E Bennett	July	2004	81,000	81,000
500 E Bennett	Aug	2004	75,000	75,000
1407 S Kimbrough	Aug	2004	92,500	92,500
319 W Meadowmere	Sept	2004	92,000	92,000
434 E Bennett	Dec	2004	69,000	69,000
432 E Bennett	Dec	2004	66,500	66,500
1401 S Jefferson Ave	March	2005	57,500	57,500
E. side 1300 block S. Utah (Parkview Church property)	Feb	2005	15,200	15,200
E. side 1300 block S. Utah (Maple Park Cemetery property)	Aug	2005	15,000	15,000
418 E Bennett	March	2005	60,000	60,000
1357 S Jefferson	Aug	2005	65,000	65,000
426 E Bennett	Aug	2005	76,000	76,000
400 E Bennett	Feb	2006	75,000	75,000
1409 S South	May	2006	89,000	89,000
251 E Bennett	July	2006	86,000	86,000
315 E Bennett	Aug	2006	90,000	90,000
1405 S South	Oct	2006	53,000	53,000
302 E Bennett	April	2008	80,000	80,000
224 E Bennett	July	2008	104,500	104,500
309 E Bennett	Oct	2008	110,000	110,000
1401 S Kimbrough	Nov	2008	113,000	113,000
255 E Bennett	July	2009	100,800	100,800
Park Avenue Improvements				
627 S Park	Aug	2004	28,500	28,500
Seminole Flood Buyout				
1023 E Seminole	Nov	2004	110,000	110,000
Jordan Creek Riparian Corridor Mt Vernon to Grand (21 acres)	Nov	2004	119,000	119,000
Kellett Avenue Improvements				

Massey's Add Blk 28, Lot 654	Dec	2004	8,600	8,600
Melville Road Future Detention 2140 W Melville Rd	April	2005	16,000	16,000
Newton/Talmage (Floodplain lots in sewer district) 2630 N Newton	July	2005	20,500	20,500
Talmage/Newton (Scott's sub Lots 19 & 20)	June	2005	4,400	4,400
Scott's sub Lot 18	Aug	2005	2,300	2,300
Stewart Flood Buyout 3233 N Stewart	Feb	2006	133,000	133,000
Washita Flood Buyout 201 E Washita	May	2006	96,000	96,000
203 E Washita	Feb	2009	91,000	91,000
Lark & Swallow 2103 E Swallow	June	2006	455,000	455,000
Wilsons Creek Floodplain 1256 S Golden	June	2006	57,000	57,000
1257 S Golden	June	2006	55,000	185,000
3116 W Meadowmere	June	2006	96,500	96,500
1306 S Golden	July	2006	74,000	74,000
1309 S Golden	July	2006	62,500	62,500
Galloway Vacant Floodplain Lakeside Subd Lot 12	Aug	2006	623	623
Nichols Drainage Project 1303 W Nichols	Oct	2006	40,000	40,000
1307 W Nichols	April	2008	56,000	56,000
W. Scott (Johnston & Crothers Lots 58 & 59)	Dec	2006	36,500	36,500
Jordan Creek Riparian Corridor Catalpa to Bennett (11.15 acres)	Nov	2006	53,500	53,500
Hilton Flood Buyout 1841 N Hilton	June	2008	75,800	75,800
Grand Sinkhole 2460 E Grand	Jan	2009	130,000	130,000
Phelps Flood Buyout 2630 W Phelps	Sept	2009	90,000	90,000

Flood properties purchased by the Greene County, 2007-2009*:

2626 W. Allen Drive	2007	111,500
4650 S. Jewell Avenue	2008	162,000
4639 S. Jewell Avenue	2008	159,000
4708 S. Jewell Avenue	2008	115,000

2609 W. Allen Drive	2008	124,000
2619 W. Allen Drive	2008	121,000
4718 S. Jewell Avenue	2008	128,000
4640 S. Jewell Avenue	2008	152,000
4649 S. Jewell Avenue	2009	114,000
4709 S. Jewell Avenue	2009	112,000
4719 S. Jewell Avenue	2009	128,000
4729 S. Jewell Avenue	2009	111,000
4739 S. Jewell Avenue	2009	128,000
8117 E. Diamond Lane	2009	148,000

** No properties purchased between 2004 and 2007.*

Repetitive Loss Properties

Unincorporated Greene County has four residential repetitive loss properties with a total of nine losses. The City of Rogersville has one residential repetitive loss property with a total of two losses. The City of Springfield has four residential repetitive loss properties with a total of eight losses. The City of Springfield also has two non-residential repetitive loss properties with a total of four losses.

Action 12.1: Flood “buyout” Program

Project Status	Ongoing
Progress	See above list of purchased properties
Objectives	<ul style="list-style-type: none"> o Enhance flood prevention by improving flood buyout programs o Consideration of hiring a consultant to actively identify and work up potential buyout properties located within floodplain areas.
Coordinating Organizations	Greene County Building Regulations, Greene County Highway Department, City Public Works.
Priority Rank	Medium
Priority Timeline	Continuous
Type of Strategy	Life and Property Protection, Infrastructure Projects, Natural Resource Protection
Potential Funding Sources	Internal Funding, Government Program Funds, Private Funding
Evaluation	Completed buyout packages
Hazards	Flooding

Action 12.2: Develop and implement flood control programs.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Enhance various flood control programs o Develop a plan for strengthening or replacing low water crossings in the area o Replace and improve low water crossings where identified as effective

Coordinating Organizations	Greene County Building Regulations, Greene County Highway Department, City Public Works
Priority Rank	Medium to High
Priority Timeline	Continuous
Type of Strategy	Life and Property Protection, Infrastructure Projects, Natural Resource Protection
Potential Funding Sources	Internal Funding, Government Program Funds, Private Funding
Evaluation	Completed projects
Hazards	Flooding

Action 12.3: Develop incentive programs for citizens, business and industry to pursue hazard mitigation projects.

Project Status	Ongoing
Progress	The Hometown Ready program has been implemented
Objectives	<ul style="list-style-type: none"> o Develop brochures and related materials to inform property owners about projects they can accomplish to make their residential and commercial properties disaster-resistant. o Develop partnerships with local financial institutions to offer low-cost loans to residential and commercial property owners to modify or retrofit structures to improve their resistance to mitigative hazards
Coordinating Organizations	Office of Emergency Management, Chamber of Commerce, Businesses and Institutions, Neighborhood Associations, Builders Associations, Insurance Companies
Priority Rank	Medium
Priority Timeline	1-5 years
Type of Strategy	Life & Property Protection, Public Information/Education and Infrastructure Projects
Potential Funding Sources	Government Program Funds, Private Funding
Evaluation	Public feedback
Hazards	All

Action 12.4: Continue to promote and fund the backflow prevention valve program for residences, businesses and industry.

Project Status	Ongoing
Progress	Many citizens have benefited and will continue to benefit from this program
Objectives	<ul style="list-style-type: none"> o Develop more comprehensive program to target all applicable citizens and businesses o Acquire grant to purchase back flow prevention valves for distribution to applicable citizens in need
Coordinating	Springfield Public Works, Greene County Building Regulations

Organizations	
Priority Rank	Medium-High
Priority Timeline	Continuous
Type of Strategy	Life & Property Protection, Public Information/Education and Infrastructure Projects
Potential Funding Sources	Government Program Funds
Evaluation	Public feedback
Hazards	Flooding

Goal 13: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.

Action 13.1: Continue to expand Community Emergency Response Team (CERT).

Project Status	Ongoing
Progress	The CERT Program has trained more than 350 citizens in Disaster Preparedness
Objectives	<ul style="list-style-type: none"> o Promote the CERT concept o Expand the number of training entities o Work with neighborhood groups, non-profit organizations, business and industry to establish response teams.
Coordinating Organizations	Springfield-Greene County Emergency Management
Priority Rank	Medium
Priority Timeline	Continuing
Type of Strategy	Life & Property Protection, Public Information/Education and Emergency Services
Potential Funding Sources	Internal Funding, Government Program Funds, Private Funding
Evaluation	Course Attendance Records
Hazards	All

Goal 14: Enhance future revision of Hazard Mitigation Plan by obtaining data that is not currently available for the next revision.

Action 14.1: Obtain more specific data to add to future Mitigation Plan updates.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Obtain dam failure inundation mapping o Obtain HAZUS data for dam failure o Obtain more specific information on the non-regulated dams o Obtain information on upstream dams in surrounding counties that may impact Greene County if they fail o Obtain more history of man-made hazard incidents in the County

	<ul style="list-style-type: none">○ Continue working on relationships with government agencies for better access to data○ Continue to track data to provide to GIS for mapping of data○ Obtain more information on damage from flash flooding○ Continue to research sinkholes in the County to gain a better understanding of the hazard○ Obtain new sinkhole data from current study
Coordinating Organizations	Springfield-Greene County Emergency Management
Priority Rank	High
Priority Timeline	Continuing (As Available)
Type of Strategy	Public Information/Education, Emergency Services
Potential Funding Sources	Internal Funding
Evaluation	New Data Included in Future Plan Revisions
Hazards	All

City of Ash Grove

Goal 1: To protect the lives of the residents of Ash Grove during emergency events.

Action 1.1: Establish reliable emergency warning system for citizens of Ash Grove. Provide emergency management personnel with equipment for better communication, monitoring and debris removal during emergency events.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Install new storm warning siren in northeast portion of Ash Grove to provide more coverage of the city and reduce potential of no warning should one siren fail. ○ Install generators at siren sites to provide reliable warning system in power outage situations. ○ Purchase items to include, but not limited to: additional 800 MHz radios, portable HAM radios, laptops, laptop projectors, televisions, additional storm tracker licenses, wind speed indicators, grappler arm for tractor and bobcat.
Coordinating Organizations	City of Ash Grove Ash Grove Emergency Management, Ash Grove Emergency Services, Springfield-Greene County Office of Emergency Management
Priority Rank	High
Priority Timeline	3-5 years
Type of Strategy	Life and Property Protection, Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Project completion and feedback from community
Hazards	All

Goal 2: To improve storm water management and decrease the potential for property damage in Ash Grove during flooding events.

Action 2.1: Design and Construct and eco-friendly storm water system that reduces flooding potential for property owners near existing floodway. Also, establish best storm water practices for new developments and existing areas to reduce stormwater runoff.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Obtain a study of watershed area and projected development to determine needed improvements to floodway and other improvements needed to better manage flooding events. ○ Design and construct storm water system in planned phases. ○ Rewrite required standards for parking lot surfaces, landscaping, driveway surfaces, street design, curb and gutter and other standards that increase stormwater runoff.

Coordinating Organizations	City of Ash Grove, Greene County Stormwater Management, Chosen, Engineer and Builder
Priority Rank	Medium to High
Priority Timeline	3-5 years
Type of Strategy	Prevention, Infrastructure Projects, Natural Resource Protection
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed Project and Nature of Water Flow Following the Project
Hazards	Flooding

Goal 3: To protect the lives of Ash Grove residents living near the railroad line and highways in a hazardous material spill event.

Action 3.1: Develop guidelines for the orderly management of such events, and educate residents about potential harm and appropriate response.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Establish step by step procedures for both areas including evacuations plans. o Develop written materials for residents. o Distribute materials at educational meetings or by personal delivery to each resident.
Coordinating Organizations	City of Ash Grove, Ash Grove Fire, Ash Grove Police, Other City Agencies
Priority Rank	Medium
Priority Timeline	2-3 years
Type of Strategy	Emergency Services, Public Information/Education
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Feedback from citizens
Hazards	Hazardous Materials Spill

Goal 4: Increase safety of citizens of Ash Grove during severe weather and other emergencies.

Action 4.1: Build emergency safe rooms for citizens to take protective cover in during an emergency of any type.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Build emergency safe rooms large enough to house citizens
Coordinating Organizations	City of Ash Grove, Springfield-Greene County Office of Emergency Management, Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	1-5 years
Type of Strategy	Life and Property Protection, Emergency Services

Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed Safe Room
Hazards	All

Goal 5: Develop and implement mitigation measure that focus on building, modifying or retrofitting buildings and other structures to minimize the effects of natural hazards on them and their occupants.

Action 5.1: Flood Control Programs

Project Status	New
Progress	N/A
Objectives	o Enhance flood prevention by improving flood control programs
Coordinating Organizations	Greene County Building Regulations, Greene County Highway Department, City Public Works
Priority Rank	Medium
Priority Timeline	Continuous
Type of Strategy	Life and Property Protection, Infrastructure Projects, Natural Resource Protection
Potential Funding Sources	Government Program Funds
Evaluation	Completed Projects
Hazards	Flooding

City of Battlefield

Goal 1: To enhance protection provided for the citizens of Battlefield during severe weather and during non-weather related emergencies.

Action 1.1: To work with Springfield-Greene County Office of Emergency Management on proper placement of warning sirens.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Temporarily move one of our civil defense sirens from City Park to west end of Elm Street in Battlefield. o Replace temporary siren with permanent siren to provide a larger coverage area to west side of city
Coordinating Organizations	City of Battlefield, Springfield-Greene County Office of Emergency Management
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services, Life and Property Protection, Public Information/Education
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed Project and feedback from citizens
Hazards	All

Goal 2: Increase the ability of city staff to maintain communication during city, county, or regional emergency situations.

Action 2.1: Add 800 MHz radios with battery backup to Battlefield City Hall to use during emergencies to maintain contact with outside agencies.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Purchase 800 MHz radios to be placed in Battlefield City Hall Staff Office o Train staff in proper function of radio and proper radio procedures to be used.
Coordinating Organizations	City of Battlefield, Battlefield Emergency Departments, Springfield-Greene County Office of Emergency Management
Priority Rank	Medium to High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Radios Purchased and Operational
Hazards	All

Goal 3: Increase safety of citizens of Battlefield during severe weather and other emergencies.

Action 3.1: Build emergency safe rooms for citizens to take protective cover in during an emergency of any type. Include natural gas generator backup and equipped emergency operations room.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Purchase city property sufficient in size for emergency safe rooms and parking. o Apply for grants to build emergency safe rooms large enough to temporarily house citizens with additional space for their animals. o Install large capacity natural gas powered generator. Equip Emergency Operations room with computer, phone and radio backup.
Coordinating Organizations	City of Battlefield, Springfield-Greene County Office of Emergency Management, Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	3-5 years
Type of Strategy	Life and Property Protection, Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed Safe Room
Hazards	All

Goal 4: Develop and implement mitigation measure that focus on building, modifying or retrofitting buildings and other structures to minimize the effects of natural hazards on them and their occupants.

Action 4.1: Flood Control Programs

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Enhance flood prevention by improving flood control programs
Coordinating Organizations	Greene County Building Regulations, Greene County Highway Department, City Public Works
Priority Rank	Medium
Priority Timeline	Continuous
Type of Strategy	Life and Property Protection, Infrastructure Projects, Natural Resource Protection
Potential Funding Sources	Government Program Funds
Evaluation	Completed Projects
Hazards	Flooding

City of Fair Grove

Goal 1: To protect the citizens of Fair Grove during tornadoes and high wind events.

Action 1.1: Develop a plan of action to assist the City in achieving the goal of updating and improving warning siren capabilities

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Update old storm sirens with new battery back up systems. o Equip new sirens with radio technology to enable Greene County the ability to activate sirens.
Coordinating Organizations	City of Fair Grove, Fair Grove Emergency Management, Springfield-Greene County Office of Emergency Management
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services, Life and Property Protection, Public Information/Education
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed Project and feedback from citizens on the sirens
Hazards	All

Action 1.2: Work with the Fair Grove School District to gain funding for and build storm safe rooms.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Locate Funding to assist with the projects o Construct storm safe rooms.
Coordinating Organizations	City of Fair Grove, Fair Grove Emergency Management, Fair Grove Fire District, Fair Grove School District, Springfield Greene County Office of Emergency Management
Priority Rank	High
Priority Timeline	2-5 years
Type of Strategy	Emergency Services, Life and Property Protection
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed Storm Safe Room
Hazards	All

Goal 2: Develop and implement mitigation measure that focus on building, modifying or retrofitting buildings and other structures to minimize the effects of natural hazards on them and their occupants.

Action 2.1: Flood Control Programs

Project Status	New
Progress	N/A
Objectives	o Enhance flood prevention by improving flood control programs
Coordinating Organizations	Greene County Building Regulations, Greene County Highway Department, City Public Works
Priority Rank	Medium
Priority Timeline	Continuous
Type of Strategy	Life and Property Protection, Infrastructure Projects, Natural Resource Protection
Potential Funding Sources	Government Program Funds
Evaluation	Completed Projects
Hazards	Flooding

City of Republic

Goal 1: To protect and notify the residents and citizens during thunderstorms, tornadoes, and other hazard events.

Action 1.1: Develop a plan to replace existing 30 year old outdoor warning devices, with all hazard devices, add units in under developed areas and maintain standard of warning coverage within the City as new areas develop. Also, develop alternative notification systems.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Install “voice over” all hazard warning devices in high pop. areas o Develop fast, efficient notification systems for citizens with special needs. o Continue to expand two-way communication and information transfer with community partners
Coordinating Organizations	City of Republic, Republic Emergency Management, Springfield- Greene County Office of Emergency Management
Priority Rank	High
Priority Timeline	2-5 years
Type of Strategy	Emergency Services, Public Information/Education
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Installation of new warning sirens and other means of warning
Hazards	All

Goal 2: To provide the citizens with a severe weather shelter program to protect them during severe weather events.

Action 2.1: Develop a shelter program that would provide citizens with the opportunity to protect in place on their property and to include safe room opportunities with new and existing multifamily dwelling complexes.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o To continue to educate people about the need to have a safe-room within their residence o Develop a mechanism whereby the City could provide assistance for individuals to provide own safe refuge. Monitor developments and encourage the providing refuge areas that meet current standards.
Coordinating Organizations	City of Republic, Republic Emergency Management, Organizations providing refuge
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services, Public Information/Education

Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Feedback from citizens
Hazards	All

Goal 3: Minimize flooding within the City of Republic

Action 3.1: Continue to maintain the current flood mitigation plan used within the core area of the City of Republic and develop a program of flood mitigation for the former Village of Brookline using FEMA guidelines.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Monitor new developments to manage excess run-off generated by paving and roof accumulation o Continue current projects to alleviate flooding within the City and improve the Logan St. area south of Hines o Initiate a project to raise FR 115 north of FR 156 or Sawyer Road
Coordinating Organizations	City of Republic, Republic Emergency Management, Greene County Stormwater Management, Chosen Engineer and Builder
Priority Rank	Medium to High
Priority Timeline	2-5 years
Type of Strategy	Prevention, Life and Property Protection, Natural Resource Protection, Infrastructure Projects
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed Projects with areas that no longer flood
Hazards	All

Goal 4: Protect quality of life within the City of Republic by enforcing the maintenance and improvements of commercial structures in the downtown area.

Action 4.1: Improve the safety of the downtown area by improving the current condition of Main Street buildings and develop a working plan to improve the structural integrity of existing buildings in the downtown area.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Continue to enforce applicable fire and building codes o Amend Municipal Code to provide a comprehensive approach to “dangerous” buildings o Develop a workable plan to provide improvement to existing buildings of the downtown as a planned development o Develop partnerships and funding streams to provide for the re-development of the downtown area
Coordinating Organizations	City of Republic, Building Regulations, Republic Fire Department

Priority Rank	Medium
Priority Timeline	2-5 years
Type of Strategy	Prevention
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completion of plan, enforcement of codes
Hazards	All

Goal 5: Increase safety of citizens of Republic during severe weather and other emergencies.

Action 5.1: Build an emergency safe room for citizens to take protective cover in during an emergency of any type.

Project Status	New
Progress	N/A
Objectives	o Build an emergency safe room large enough to house citizens
Coordinating Organizations	City of Republic, Springfield-Greene County Office of Emergency Management, Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	1-5 years
Type of Strategy	Life and Property Protection, Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed Safe room
Hazards	All

Goal 6: Develop and implement mitigation measure that focus on building, modifying or retrofitting buildings and other structures to minimize the effects of natural hazards on them and their occupants.

Action 6.1: Flood Control Programs

Project Status	New
Progress	N/A
Objectives	o Enhance flood prevention by improving flood control programs
Coordinating Organizations	Greene County Building Regulations, Greene County Highway Department, City Public Works
Priority Rank	Medium
Priority Timeline	Continuous
Type of Strategy	Life and Property Protection, Infrastructure Projects, Natural Resource Protection
Potential Funding Sources	Government Program Funds
Evaluation	Completed Projects
Hazards	Flooding

City of Strafford

Goal 1: To protect the lives of the citizens of the City of Strafford

Action 1.1: Promote hazard mitigation awareness and education.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Rewrite the Emergency Management Manual and develop evacuation procedures and educate the community. ○ Hire a qualified Emergency Management Director and direct he/she to conduct community educational meetings. ○ Establish and Emergency Communications Center/Command Post with necessary communication equipment.
Coordinating Organizations	City of Strafford, Strafford Emergency Management, Strafford Emergency Agencies
Priority Rank	High
Priority Timeline	2-5 years
Type of Strategy	Emergency Services, Public Information/Education
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed Emergency Management Manual, hiring of Emergency Manager, and establishment of a Communications Center/Command Post
Hazards	All

Action 1.2: Coordinate with the School District to provide safe rooms for residents of Strafford.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Work with the school to fund storm safe rooms.
Coordinating Organizations	City of Strafford, Strafford Emergency Management, Strafford School District, Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	2-5 years
Type of Strategy	Life and Property Protection
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed safe rooms
Hazards	All

Goal 2: To protect property & environment

Action 2.1: Identify hazard considerations and incorporate hazard considerations into land-use planning and natural resource management.

Project Status	New
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Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Strengthen codes on new construction to lessen the impact of a natural disaster. ○ Improve flood protection by developing drainage maintenance plans. ○ Bury electrical lines and develop a tree trimming schedule.
Coordinating Organizations	City of Strafford, Utility Company, Building Regulations, Greene County Stormwater Management
Priority Rank	High
Priority Timeline	3-5 years
Type of Strategy	Natural Resource Protection, Prevention, Infrastructure Projects
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Revised Building Codes, a complete Drainage Maintenance Plan, and the completion of the buried electrical lines
Hazards	Flooding, Thunderstorms, Tornados, Winter Storms

Goal 3: Develop and implement mitigation measure that focus on building, modifying or retrofitting buildings and other structures to minimize the effects of natural hazards on them and their occupants.

Action 3.1: Flood Control Programs

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Enhance flood prevention by improving flood control programs
Coordinating Organizations	Greene County Building Regulations, Greene County Highway Department, City Public Works
Priority Rank	Medium
Priority Timeline	Continuous
Type of Strategy	Life and Property Protection, Infrastructure Projects, Natural Resource Protection
Potential Funding Sources	Government Program Funds
Evaluation	Completed Projects
Hazards	Flooding

City of Willard

Goal 1: To protect the lives of citizens living, working and visiting the City of Willard during thunderstorms, tornadoes and high wind events.

Action 1.1: Construct community storm safe rooms and develop guidelines and standard operating procedures for activation and operation of community safe rooms.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Construction of community safe room with shower and cooking facilities. o Alternate EOC, to be used if primary is damaged in disaster.
Coordinating Organizations	City of Willard, Willard Emergency Management, Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	2-5 years
Type of Strategy	Emergency Services, Life and Property Protection
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completion of the safe rooms
Hazards	All

Goal 2: Update and maintain outdated outdoor warning sirens. Add additional warning sirens for larger coverage area.

Action 2.1: Replace outdated warning sirens with new multi-directional sirens, and develop new standard operating procedures for maintaining and inspection of new sirens.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Replace outdated warning sirens with newer multi-directional sirens. o Add additional sirens to reach a larger population. o Maintenance and inspection program.
Coordinating Organizations	City of Willard, Willard Emergency Management, Springfield-Greene County Office of Emergency Management
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Replacement of Sirens and feedback from citizens
Hazards	All

Goal 3: Develop and implement mitigation measure that focus on building, modifying or retrofitting buildings and other structures to minimize the effects of natural hazards on them and their occupants.

Action 3.1: Flood Control Programs

Project Status	New
Progress	N/A
Objectives	o Enhance flood prevention by improving flood control programs
Coordinating Organizations	Greene County Building Regulations, Greene County Highway Department, City Public Works
Priority Rank	Medium
Priority Timeline	Continuous
Type of Strategy	Life and Property Protection, Infrastructure Projects, Natural Resource Protection
Potential Funding Sources	Government Program Funds
Evaluation	Completed Projects
Hazards	Flooding

Goal 4: Reduce the City of Willard’s vulnerability to drought by 50% over the next year.

Action 4.1: Establish Standards and policies to be implemented during local water shortage for local area residences and businesses.

Project Status	Completed
Progress	Completed
Objectives	o Benchmark with other communities of comparable size to review adopted ordinances specific for laws and standards to be followed by residential, commercial, and public facilities in the event of a local water shortage. o Identify all residential and commercial structures within the city of Willard that receive water from a source other than the City water system
Coordinating Organizations	City of Willard, Willard Emergency Management, Willard Public Works
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Prevention
Potential Funding Sources	Internal Funding
Evaluation	Ordinances located & Citizens Identified
Hazards	Drought

Action 4.2: Incorporate appropriate applications of Missouri Drought Response Plan to community planning

Project Status	Completed
Progress	Completed, the information is included in the Willard EOP
Objectives	o Create a Willard Drought Response Plan
Coordinating Organizations	City of Willard, Willard Emergency Management, Willard Public Works
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Prevention
Potential Funding Sources	Internal Funding
Evaluation	Plan Created
Hazards	Drought

Action 4.3: Raise public awareness of water conservative practices prior to and during droughts.

Project Status	Completed
Progress	Completed – Information is sent out regularly in a Newsletter
Objectives	o Promote an awareness campaign of the actions and measures that can be taken to increase local water conservation by all users of the local water supply
Coordinating Organizations	Willard Emergency Management
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Public Information
Potential Funding Sources	Internal Funding
Evaluation	Education Materials Distributed Seasonally
Hazards	Drought, Wildfire

Action 4.4: Increase protection of City water system during droughts

Project Status	Completed
Progress	Completed – review was completed and improvements were made
Objectives	o Review past studies of the local water system and establish a plan to improve or replace the weaknesses of the local water system. o Carry out plan for local water system improvements
Coordinating Organizations	City of Willard, Willard Emergency Management, Willard Public Works
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Prevention
Potential Funding Sources	Internal Funding, Governmental Program Funds

Evaluation	Plan Created & Improvements Made
Hazards	Drought

Goal 5: Reduce the potential damage caused by an earthquake likely to strike the area by 50%.

Action 5.1: Reduce the vulnerability of earthquake damage to existing structures.

Project Status	Terminated
Progress	This project was cancelled due to funding and time shortages.
Objectives	<ul style="list-style-type: none"> o Conduct a community earthquake risk assessment program o Create a financial plan to retrofit improvement measures identified for all critical facilities in the community o Encourage and assist in the retrofit improvement measures specific for earthquake damage listed for essential facilities
Coordinating Organizations	Willard Emergency Management, City of Willard
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Property Protection
Potential Funding Sources	Internal Funding, Governmental Program Funding
Evaluation	Risk Assessment Completed
Hazards	Earthquake

Action 5.2: Increase public education of specific earthquake mitigation activities that can be done to residential and commercial facilities.

Project Status	Completed
Progress	Completed – This information is Disseminated in Ready in 3 information and also in a Newsletter
Objectives	<ul style="list-style-type: none"> o Promote an awareness campaign on earthquake hazards, their consequences, and the steps that can be taken to reduce risk at home and in the workplace o Develop and apply a combination of incentives to encourage businesses, homeowners and others to implement risk reduction measures
Coordinating Organizations	Willard Emergency Management
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Public Information
Potential Funding Sources	Internal Funding
Evaluation	Materials Disseminated Annually
Hazards	Earthquake

Action 5.3: Increase the local business ability to expedite business resumption following an earthquake.

Project Status	Completed
Progress	Completed – Willard Emergency Management has worked with the Chamber of Commerce to complete this task.
Objectives	<ul style="list-style-type: none"> o Encourage up-to-date commercial and industrial disaster plans that are coordinated with the local Emergency Operations Plan o Encourage and support where able, operation and infrastructure backup systems for commercial and industrial businesses o Establish a public outreach program for local businesses. o Encourage local business owners’ employee incentives for personal preparedness in the event of an earthquake
Coordinating Organizations	Willard Emergency Management, City of Willard, Willard Chamber of Commerce
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Public Information
Potential Funding Sources	Internal Funding
Evaluation	Business Participation
Hazards	Earthquake

Action 5.4: Improve local response effort to a destructive earthquake.

Project Status	Ongoing/Terminated
Progress	The CERT portion is continuing, the survival kit project was cancelled due to funding and time shortages.
Objectives	<ul style="list-style-type: none"> o Provide Community Emergency Response Team (CERT) training to Willard citizens, business owners and school personnel. o Provide disaster survival kits for all local schools, non-profit day care centers, and the Willard Care Center
Coordinating Organizations	Willard Emergency Management
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Emergency Services
Potential Funding Sources	Internal Funding, Private Funding, Governmental Program Funding
Evaluation	List of Trained CERT Members & Disaster Kits located in Specified Locations
Hazards	All Hazards

Goal 6: Reduce the city of Willard’s vulnerability to extreme heat by 50% over the next year.

Action 6.2: Reduce vulnerability of population with increased risk to medical complications secondary to extreme heat.

Project Status	Completed
Progress	A list was made and is housed with the Willard Emergency Manager & CERT & Fire Department Staff use the list as needed.
Objectives	<ul style="list-style-type: none"> o Search and identify all local citizens that have an increased risk factor for medical complications. o Create a volunteer program, ideally through CERT, that can assist in monitoring the vulnerable population identified.
Coordinating Organizations	City of Willard, Willard Emergency Management, Willard Fire
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Prevention, Emergency Funding
Potential Funding Sources	Internal Funding
Evaluation	List of Identified Citizens & Program Outlined
Hazards	Extreme Heat

Goal 7: Reduce the city of Willard’s vulnerability to extreme heat by 50% over the next year.

Action 7.1: Support annual campaign advertisement for Extreme Heat awareness

Project Status	Ongoing
Progress	Education is dispersed and cooling centers are opened and advertised
Objectives	<ul style="list-style-type: none"> o Support annual campaign advertisement for Extreme Heat awareness
Coordinating Organizations	City of Willard, Willard Emergency Management
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Public Information
Potential Funding Sources	Internal Funding
Evaluation	Educational Material Distributed Seasonally
Hazards	Extreme Heat

Goal 8: Reduce the potential damage caused by flooding likely to strike the local area by 50%.

Action 8.1: Reduce the vulnerability of flooding damage to existing private and public structures.

Project Status	Completed
Progress	Willard Public Works conducted smoke tests to assess the sewer system, analyzed the results and created a plan.

Objectives	<ul style="list-style-type: none"> ○ Conduct a city-wide analysis of the sewer system, assessing for causes of sanitary sewer overflows caused during flooding events ○ Create a financial and intervention plan for reducing risk for sanitary sewers overflowing during flooding events as recognized by sewer system analysis ○ Promote environmentally sound watershed and stormwater practices to decrease flash flooding
Coordinating Organizations	City of Willard, Willard Emergency Management, Willard Public Works
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Prevention, Natural Resource Protection
Potential Funding Sources	Internal Funding, Governmental Program Funding
Evaluation	Documentation of Analysis Results & Plan Created
Hazards	Flooding

Action 8.2: Increase floodplain development of future development.

Project Status	Completed
Progress	Willard Public Works and the New Floodplain Manager completed this project
Objectives	<ul style="list-style-type: none"> ○ Create a local taskforce for assessing and planning specific future land use for remaining undeveloped flood zones within the City. ○ Strengthen floodplain management and regulations through additional education for floodplain manager and local city officials
Coordinating Organizations	City of Willard, Willard Emergency Management, Willard Public Works
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Prevention, Public Information
Potential Funding Sources	Internal Funding
Evaluation	Completed Planning
Hazards	Flooding

Action 8.3: Increase public education of specific flooding mitigation activities that can be done.

Project Status	Terminated
Progress	This project was cancelled due to lack of funding and time
Objectives	<ul style="list-style-type: none"> ○ Identify and use existing mechanisms to promote National Floodplain Insurance Program Policies
Coordinating Organizations	City of Willard, Willard Emergency Management, Willard Public Works
Priority Rank	N/A
Priority Timeline	N/A

Type of Strategy	Property Protection
Potential Funding Sources	Internal Funding
Evaluation	Materials Disseminated Annually
Hazards	Flooding

Goal 9: Reduce the potential damage caused by sinkholes present within the city of Willard.

Action 9.1: Increase the knowledge of sinkholes present within the city of Willard.

Project Status	Completed
Progress	A map of all sinkholes in the Willard Area was completed
Objectives	<ul style="list-style-type: none"> o Coordinate the completion of identifying additional sinkholes throughout the city of Willard and potential growth area
Coordinating Organizations	City of Willard, Willard Emergency Management, Willard Public Works
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Prevention
Potential Funding Sources	Internal Funding, Governmental Program Funds
Evaluation	Results of Study
Hazards	Land Subsidence (Sinkholes)

Action 9.2: Increase public education regarding sinkholes

Project Status	Completed
Progress	A map of all sinkholes in the Willard Area was completed and information regarding sinkholes is included in a newsletter
Objectives	<ul style="list-style-type: none"> o Promote an awareness campaign on sinkhole hazards, reporting sinkholes discovered on private property, and possible solutions for sinkholes on private property
Coordinating Organizations	City of Willard, Willard Emergency Management, Willard Public Works
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Public Information
Potential Funding Sources	Internal Funding
Evaluation	Materials Disseminated Annually
Hazards	Land Subsidence (Sinkholes)

Goal 10: Reduce the City of Willard’s vulnerability to tornadoes/severe thunderstorms by 50% over the next 5 years.

Action 10.1: Reduce the vulnerability of damage caused by tornadoes/sever thunderstorms to existing structures.

Project Status	Terminated
Progress	The tree inventory and maintenance plan was completed, but the rest of the project was cancelled due to funding and time shortages.
Objectives	<ul style="list-style-type: none"> o Conduct a community tornado risk assessment program o Create a financial plan to retrofit improvement measures identified for all critical facilities in the community o Assist and guide in the retrofit improvement measures specific for tornado damage for listed essential facilities o Identify future development areas in need of additional warning systems o Conduct a tree inventory and a high risk tree analysis along the city’s right-of-way and both public parks o Carry out a tree maintenance plan for reducing the risk of damage from high risk trees as identified in the tree inventory
Coordinating Organizations	City of Willard, Willard Emergency Management
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Emergency Services, Prevention, Property Protection, Natural Resource Protection
Potential Funding Sources	Internal Funding, Governmental Program Funding
Evaluation	Assessment Program & Financial Plan Completed, Areas Identified, Inventory Completed
Hazards	Tornadoes/ Severe Thunderstorms

Action 10.2: Maintain and improve sufficient warning system as growth and development occur.

Project Status	Ongoing
Progress	The area of greatest need has been identified, and the warning system has been acquired; however funding is still needed to install the system.
Objectives	<ul style="list-style-type: none"> o Identify future development areas in need of additional warning systems o Acquire warning equipment for current areas identified outside the warning area and future development areas to be identified o Promote NOAA Weather radios with annual city sponsored purchase campaign
Coordinating Organizations	City of Willard, Willard Emergency Management
Priority Rank	N/A
Priority Timeline	N/A

Type of Strategy	Emergency Services
Potential Funding Sources	Internal Funding
Evaluation	Warning Coverage Maps & areas defined & Warning Equipment Established and Installed
Hazards	Tornadoes/ Severe Thunderstorms

Action 10.3: Increase the availability of protective shelters for local residents both privately and publicly.

Project Status	Ongoing
Progress	Completed – Area of greatest danger was identified (AB & EE)
Objectives	<ul style="list-style-type: none"> o Create and carry out a plan to assist and establish safe rooms to be available at both mobile home parks within the City of Willard
Coordinating Organizations	City of Willard, Willard Emergency Management
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal Funding, Governmental Program Funding
Evaluation	Completed Safe Room
Hazards	Tornadoes/ Severe Thunderstorms

Action 10.4: Increase public education of specific tornado mitigation activities that can be done.

Project Status	Ongoing
Progress	A plan for a safe room is still in effect, Information on tornadoes & severe thunderstorms is disseminated in Ready-in-3 information, and the Emergency Management Office also does presentations to schools and businesses.
Objectives	<ul style="list-style-type: none"> o Promote an awareness campaign on tornado hazards, their consequences, and the steps that can be taken to reduce risk o Develop and apply incentives to encourage businesses, homeowners and others to implement risk reduction measures. o Create and carry out a plan to assist and establish safe rooms to be available at both mobile home parks within the City of Willard
Coordinating Organizations	City of Willard, Willard Emergency Management
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services, Public Information
Potential Funding Sources	Internal Funding, Governmental Program Funding
Evaluation	Completed Safe Room, Dissemination of Educational Materials
Hazards	Tornadoes/ Severe Thunderstorms

Action 10.5: Increase local businesses ability to expedite business resumption following a tornado.

Project Status	Completed
Progress	Completed – Willard Emergency Management collaborated with the Willard Chamber of Commerce to complete this action
Objectives	o Establish a public outreach program for local businesses
Coordinating Organizations	Willard Emergency Management, Willard Chamber of Commerce
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Public Information
Potential Funding Sources	Internal Funding
Evaluation	Business Participation
Hazards	Tornadoes/ Severe Thunderstorms

Action 10.6: Improve local response effort to a destructive tornado.

Project Status	Completed
Progress	Completed – The city wells, sewer lift stations and city hall all have generators and the city owns other portable generators that can be used at other critical facilities if deemed necessary
Objectives	o Install backup power, or the wiring of quick connection to portable generators, to all listed critical facilities o Install backup power, or the wiring for quick connection to portable generators, to both city wells and the four sewer lift stations
Coordinating Organizations	Willard Emergency Management, City of Willard
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Emergency Services
Potential Funding Sources	Internal Funding, Governmental Program Funding
Evaluation	Backup power installed or available
Hazards	All Hazards capable of producing a power outage

Goal 11: Reduce the city of Willard’s vulnerability to wildfires by 50% over the next 5 years.

Action 11.1: Reduce the potential rural/urban interface risk for wildfires

Project Status	Terminated
Progress	The project was cancelled due to funding and time shortages.
Objectives	o Decrease wildfire risk in areas where development is adjacent to forests or grasslands by incorporating buffer zones
Coordinating	City of Willard, Willard Emergency Management

Organizations	
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Prevention
Potential Funding Sources	Internal Funding
Evaluation	Added to subdivision regulations
Hazards	Wildfire

Action 11.2: Increase the public awareness of mitigation and prevention activities for wildfires.

Project Status	Completed
Progress	Completed – A wildfire risk assessment was completed and education has been disseminated
Objectives	<ul style="list-style-type: none"> ○ Promote fire resistant construction materials through articles and educational brochures ○ Increase public awareness regarding private property landscaping maintenance that can reduce the risk of damage encountered by burning brush secondary to uncontrolled, local brush fires.
Coordinating Organizations	Willard Emergency Management, Willard Fire
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Prevention
Potential Funding Sources	Internal Funding
Evaluation	Materials Disseminated
Hazards	Wildfire

Action 11.3: Improve city-wide fire hydrant capabilities

Project Status	Ongoing
Progress	Willard Public Works is currently working with Willard Fire to complete this project
Objectives	<ul style="list-style-type: none"> ○ Create a planning taskforce for specific improvements of the water infrastructure within the City for increased fire-hydrant capabilities
Coordinating Organizations	City of Willard, Willard Emergency Management, Willard Fire
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Emergency Services
Potential Funding Sources	Internal Funding, Private Funding
Evaluation	Completed Plan
Hazards	Wildfire

Goal 12: Reduce the City of Willard’s vulnerability to severe winter storms by 50% over the next 5 years.

Action 12.1: Increase Public Works abilities for effective response efforts.

Project Status	Complete
Progress	Complete – All Public Works employees now have e-mail for interdepartmental communication, and Public Works has added equipment to improve capabilities
Objectives	<ul style="list-style-type: none"> o Establish an interdepartmental communications system for Willard Public Works o Improve the debris management capabilities for Public Works department by upgrading and adding to current resource list.
Coordinating Organizations	City of Willard, Willard Emergency Management, Willard Public Works
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Emergency Services
Potential Funding Sources	Internal Funding, Governmental Program Funding
Evaluation	Communication Established & Equipment Added
Hazards	All

Action 12.2: Increase the public awareness for mitigation and preparedness activities necessary for severe winter storms

Project Status	Complete
Progress	Complete – Education has been done regarding winter storms
Objectives	<ul style="list-style-type: none"> o Promote an awareness campaign regarding safety measures and preparation actions for severe winter storms o Promote an awareness campaign regarding private property landscaping maintenance that can reduce the risk of damage encountered from falling limbs or trees secondary to severe winter weather
Coordinating Organizations	City of Willard, Willard Emergency Management, Willard Public Works
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Public Information
Potential Funding Sources	Internal Funding
Evaluation	Education Materials Distributed
Hazards	Winter Storms

Action 12.3: Increase coordination and collaboration with outside utility companies including electric and phone companies serving the Willard area.

Project Status	Terminated
Progress	This project was cancelled due to funding and time shortages
Objectives	<ul style="list-style-type: none">○ Create a planning taskforce and plan for specific improvements of utility infrastructure within the City to reduce risk for damage caused by severe winter weather.
Coordinating Organizations	City of Willard, Willard Emergency Management, Willard Public Works, Local Utility Companies, Local Phone Company
Priority Rank	N/A
Priority Timeline	N/A
Type of Strategy	Prevention
Potential Funding Sources	Internal Funding, Governmental Program Funding
Evaluation	Taskforce created
Hazards	Winter Storms

Ash Grove School District

Goal 1: Limit loss of life due to natural disasters.

Action 1.1: Determine the feasibility of constructing a safe room on the Ash Grove School campus to provide cover for students and community members during natural disaster. Also, work with county, community and district personnel as well as architects and engineers to design and build a “safe room” that would meet the needs of the stakeholders.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Work with an Architect and Engineer to determine the feasibility of constructing safe rooms. o Determine funding sources and commit finances for designing and building the safe rooms. o Communicate with county, community and district personnel to design, build and provide access to safe rooms for the most people possible.
Coordinating Organizations	Ash Grove School District, Springfield-Greene County Office of Emergency Management, Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	1-2 years
Type of Strategy	Life and Property Protection, Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed safe rooms
Hazards	All

Fair Grove School District

Goal 1: To protect the lives of the staff and student body of the Fair Grove R-X School District during thunderstorms, tornadoes and high wind events.

Action 1.1: Provide a safe room for the staff and students, and assist in providing safe room for citizens of Fair Grove after school hours.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Pursue the construction of an all concrete multipurpose facility for a safe room ○ Pursue the construction a concrete multipurpose facility built to FEMA 361 standards ○ Develop agreement plan with City of Fair Grove for use of the facility after school hours.
Coordinating Organizations	Fair Grove School District, City of Fair Grove, Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	2-3 years
Type of Strategy	Life and Property Protection, Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed Safe room
Hazards	All (Especially thunderstorms, tornadoes and high wind events)

Goal 2: Enhance coordination of emergency planning and technology operations between the Fair Grove R-X School District and local government, community groups, local emergency authorities, emergency management, students, faculty and citizens.

Action 2.1: Pursue the addition of communication devices to improve communications and information sharing between emergency services, staff, and the citizens of Fair Grove during crisis.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Purchase additional 800 MHz radios. ○ Purchase additional portable UHF radios for communications between buildings. ○ Install a generator to automatically assist in the continuation of current phone lines and computers for communication to community.
Coordinating Organizations	Fair Grove School District, City of Fair Grove, Fair Grove Emergency Management, Fair Grove Fire,
Priority Rank	High
Priority Timeline	1-2 years

Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Purchases complete
Hazards	All

Goal 3: Identify and pursue funding opportunities to develop and implement multi-agency mitigation activities

Action 3.1: Hold a table-top exercise/training with emergency services and the staff of Fair Grove R-X School District.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Pursue funding (by way of grants) to fund the exercise o Train staff on emergency response. o Host training for citizens on emergency response. o Train with local authorities on response to emergency situations
Coordinating Organizations	Fair Grove School District, City of Fair Grove, Fair Grove Emergency Management, Fair Grove Fire, Fair Grove Police, and other local emergency agencies
Priority Rank	Medium to High
Priority Timeline	2-3 years
Type of Strategy	Public Information/Education, Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Feedback on the exercise/training from players, controllers and evaluators
Hazards	All

Goal 4: Develop public and private partnerships to foster hazard mitigation program coordination and collaboration at the Fair Grove R-X School District.

Action 4.1: Rewrite hazard plans for the school district, and utilize community and staff for hazard mitigation in the school district.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Develop a safety committee of school staff o Develop a safety committee of local emergency services o Develop a safety committee to include local community
Coordinating Organizations	Fair Grove School District, City of Fair Grove, Fair Grove Emergency Management, Fair Grove Fire, Fair Grove Police, other area emergency agencies, local businesses,
Priority Rank	Medium

Priority Timeline	1-3 years
Type of Strategy	Public Information/Education, Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed hazard plans, Active committees
Hazards	All

Goal 5: Continue with infrastructure improvements, retrofits, and additions to the Fair Grove R-X School Districts.

Action 5.1: To remove electrical hazards over the school and in safe areas and also improve technology accessibility during power outages.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Bury power lines overhead to avoid electrical shock o Add a generator to run technology system for student access, phone communication o Install a longer battery back up for technology for continued access
Coordinating Organizations	Fair Grove School District, City of Fair Grove, Fair Grove Emergency Management, Electric Company
Priority Rank	Medium to High
Priority Timeline	4-5year
Type of Strategy	Life and Property Protection, Infrastructure Projects
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed projects
Hazards	All

Goal 6: Ensure continued operation of staff, government and emergency functions in a disaster.

Action 6.1: Training for all staff with local emergency officials on evacuation, lockdown, fire, etc.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Monthly drills with scenarios for staff development o Work with local fire department on fire scenarios o Work with local police department on lockdown procedures
Coordinating Organizations	Fair Grove School District, Fair Grove Emergency Management, Fair Grove Fire, Fair Grove Police
Priority Rank	Medium
Priority Timeline	1 year
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funds, Private Funding

Evaluation	Feedback from all parties involved in the training
Hazards	All

Goal 7: Develop and implement staff and student education and awareness programs along with activities that focus on the mitigation of natural and man-made hazards.

Action 7.1: Train students, staff, and community about hazard awareness

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Monthly drills with scenarios for student development o Informational center for access by students, staff and community about hazards o Host community forum with information on hazards and hazard mitigation
Coordinating Organizations	Fair Grove School District, City of Fair Grove, Fair Grove Emergency Management, Fair Grove Fire, Fair Grove Police, local businesses,
Priority Rank	Medium
Priority Timeline	2-3 years
Type of Strategy	Emergency Services and Public Information/Education
Potential Funding Sources	Internal, Government Program Funds, Private Funding
Evaluation	Feedback from students, staff and community members
Hazards	All

Goal 8: Deliver supplies to and from campus to refuge area along with clean and haul debris for recovery of a hazard.

Action 8.1: Obtain a vehicle for the transport of supplies and debris and a tractor for debris cleanup and clearing.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Purchase truck to haul and deliver supplies to refuge o Purchase tractor with bucket for cleaning of walkways and clearing debris o Purchase skid steer for clearing debris for recovery
Coordinating Organizations	Fair Grove School District
Priority Rank	Low
Priority Timeline	4-5 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Purchase of the equipment
Hazards	All

Logan Rogersville School District

Goal 1: To protect the lives of the faculty, staff and students in the Logan-Rogersville R-8 School District during thunderstorms, tornados and high wind events.

Action 1.1: Develop guidelines for the placement of a tornado safe room near the Southwest Education Center, which is located at 193 Marshall Street, Suite A, Rogersville, MO.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Build/install a tornado safe room at or very near the Southwest Education Center that would provide emergency safe room for the faculty, staff and students at the Southwest Center. ○ The safe room could also be used by local business located in the same strip building (Graceland Daycare Center, Rogersville Assembly of God Church and Smith Music Studio)
Coordinating Organizations	Logan-Rogersville School District, City of Rogersville, Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completion of the Safe room
Hazards	All

Goal 2: To establish an emergency safe room for local Rogersville, MO residents as well as staff, faculty and students of the Logan-Rogersville R-I School District

Action 2.1: Develop guidelines for the installation of backup emergency generators at selected Logan-Rogersville R-8 School Buildings.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Purchase/acquire and install backup emergency generators at Logan-Rogersville High School, Middle School, Upper Elementary School, Elementary School and Primary School ○ Use the schools in an emergency to provide emergency sheltering for the Rogersville community as well as the faculty, staff and students of the Logan-Rogersville R-8 School District
Coordinating Organizations	Logan-Rogersville School District, City of Rogersville
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services

Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Installation of the generators
Hazards	All

Goal 3: To enhance the coordination of emergency planning and technological operations for and between the Logan-Rogersville R-8 School District and the Springfield-Greene County Office of Emergency Management as well as local governments, emergency service providers, community groups, regional partners and citizens.

Action 3.1: Develop technological systems and establish a system of communication and information sharing between the Logan-Rogersville R-8 School district and emergency service providers.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Purchase/acquire 800 MHz radios that could be used by delegated members of the Logan-Rogersville R-8 School District in an emergency o Establish direct communication with emergency service providers and/or local emergency management offices or personnel or the Greene County 911 communications center.
Coordinating Organizations	Logan-Rogersville School District, City of Rogersville, Springfield-Greene County Office of Emergency Management, Logan-Rogersville Fire District, Logan Rogersville Emergency Management, Webster County Emergency Management
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Acquisition of 800 MHz radios and direct link with various emergency service providers
Hazards	All

Goal 4: to provide improved security to protect the lives of the faculty, staff and students of the Logan-Rogersville R-8 School District during emergency situations.

Action 4.1: Research new security software computer programs that would allow additional cameras and upgrades to be done to the existing security system for the Logan-Rogersville R-8 School District. Explore the possibilities of adding additional School Police Resource Officers and Nurses to the staff of the District. Explore the possibility of adding electronic locking devices to the High School, Middle School, Upper Elementary School, Elementary School and Primary School.

Project Status	New
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Progress	N/A
Objectives	<ul style="list-style-type: none">○ Purchase/acquire a new computer software program to upgrade the security system for the Logan-Rogersville R-8 School District○ Add a School Resource Officer to the Middle School○ Add an additional nurse at the Middle School and the High School○ Purchase/acquire an electronic locking system that would allow the immediate locking of exterior and interior doors in an emergency situation at all school buildings housing staff, faculty and students.
Coordinating Organizations	Logan-Rogersville School District
Priority Rank	Medium to High
Priority Timeline	3-5 years
Type of Strategy	Emergency Services, Prevention, Life and Property Protection
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Acquisition of requested items and personnel
Hazards	All

Republic School District

Goal 1: To promote emergency response and safety around the Republic Schools by reducing traffic congestion before and after school.

Action 1.1: Promote an effective flow of traffic on Anderson and Hampton streets and develop a plan to improve East Anderson from Main to Hampton with additional width to provide parking along the street, allowing continuous traffic flow.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Continue and expand communication between Republic School System and the City of Republic regarding traffic flow o Continue to attempt traffic control to maintain a flow past E1 and E2 o Develop a traffic plan to include the improvement of Anderson and Hampton streets o Develop a coalition to pursue funding mechanisms to provide for the widening of Anderson Street from Main to Hampton
Coordinating Organizations	Republic School District, City of Republic
Priority Rank	High
Priority Timeline	2-4 years
Type of Strategy	Prevention, Life and Property Protection
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completion of the road project and feedback from parents and community members on the flow of the road
Hazards	All

Springfield School District

Goal 1: to protect the students and staff of the Springfield Public School District during thunderstorms, tornados and high wind events.

Action 1.1: Provide a safe room for all staff and students of Jeffries Elementary, Westport Elementary and Central High School in the Springfield School District.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Pursue a grant for the construction of a safe room o Build the storm safe room
Coordinating Organizations	Springfield School District, Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	3-5 years
Type of Strategy	Emergency Services, Life and Property Protection
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed safe room
Hazards	All

Goal 2: Enhance emergency communications within the Springfield Public Schools

Action 2.1: Pursue the addition of communication devices to improve communications and information sharing between emergency services, staff, and the citizens of Springfield during crisis.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Purchase needed communications equipment to aid in communications during emergencies
Coordinating Organizations	Springfield Public Schools
Priority Rank	High
Priority Timeline	2-3years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Purchases complete
Hazards	All

Strafford School District

Goal 1: to protect the students and staff of the Strafford R-6 Public School District during thunderstorms, tornados and high wind events.

Action 1.1: Provide safe rooms for all staff and students of the Strafford School District and assist in providing a safe area for citizens of Strafford.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Pursue a grant for the construction safe room ○ Pursue construction of the safe room ○ Develop an agreement with the City of Strafford pertaining to the rules and regulations for the safe room (manning the facility, supplies, etc...)
Coordinating Organizations	Strafford School District, City of Strafford, Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	2-4 years
Type of Strategy	Emergency Services, Life and Property Protection
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed safe room
Hazards	All

Goal 2: Enhance coordination of emergency planning and technology operations between the Strafford R-6 Public Schools and local government, community groups, students, faculty, citizens and emergency authorities.

Action 2.1: Upgrade communications of the Strafford School District and also between the Strafford School District and Emergency Services.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Pursue a grant to purchase additional 800 MHz radios for administration for better communications ○ Pursue a grant to upgrade the existing handheld radios for more communication distance ○ Pursue a grant to upgrade the phone back-up system for long lasting communication by phone and once electric goes out
Coordinating Organizations	Strafford School District
Priority Rank	High
Priority Timeline	2-4 years
Type of Strategy	Emergency Services

Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Equipment Purchased and Installed
Hazards	All

Goal 3: To protect the students, staff and faculty at Strafford R-6 School District.

Action 3.1: Identify and Pursue Funding opportunities to develop and implement multi-agency mitigation activities.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Pursue funding to train the Strafford R-6 School District staff with emergency services on natural and man-made disasters ○ Pursue funding to host mitigation training for staff, students and citizens of Strafford for better preparedness for disasters ○ Pursue funding for continuous training for staff for better preparedness related to disasters
Coordinating Organizations	Strafford School District, Strafford Emergency Management
Priority Rank	Medium to High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services, Public Information/Education
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed trainings with feedback from the attendees
Hazards	All

Goal 4: To provide better and proper emergency services and supplies to and from campus to refuge areas. (Off campus evacuation areas, storm safe room, etc...)

Action 4.1: Provide proper emergency services to different areas by means of a vehicle.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Pursue funding to purchase a patrol vehicle for the School Resource Officer to get to and from a refuge area. ○ Pursue funding to properly equip an emergency vehicle (lights, siren, etc...) ○ Pursue funding to properly equip emergency vehicle with communications (800MHz radio, laptop mount, laptop, etc...)
Coordinating Organizations	Strafford School District
Priority Rank	Medium to High
Priority Timeline	3-5 years
Type of Strategy	Emergency Services

Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Purchase and installation of equipment
Hazards	All

Walnut Grove School District

Goal 1: To offer a place of refuge during natural disasters for the city of Walnut Grove, Missouri and outlying towns such as Eudora, Dadeville, Aldrich, Phenix, and other rural communities.

Action 1.1: Build or retrofit a facility to act as a safe room.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Install a generator to power the Walnut Grove Public School facilities to be used during natural disasters. ○ Build a safe room that can be used by the aforementioned areas during tornados and high wind events.
Coordinating Organizations	Walnut Grove School District, Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services, Life and Property Protection
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completion of Project
Hazards	All

Willard School District

Goal 1: Protect the lives of Willard R-II School Students, Staff and Visitors.

Action 1.1: The Willard R-II Schools will annually update the emergency information and action steps in the Crisis Response manual for each building.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Updated information will be entered into Crisis Manuals each fall o During the first week of school, teachers and staff will introduce emergency action plans to students
Coordinating Organizations	Willard R-II Administration, Faculty & Staff
Priority Rank	High
Priority Timeline	Continuing (each school year-one week)
Type of Strategy	Emergency Services, Public Information /Education
Potential Funding Sources	Internal
Evaluation	Feedback from Students, Staff, Faculty & Administration
Hazards	All

Action 1.2: The students and staff will practice emergency drills and action responses to emergencies.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o During the first week of school, teachers and staff will practice emergency drills with students.
Coordinating Organizations	Willard R-II Administration, Faculty & Staff
Priority Rank	High
Priority Timeline	Continuing (each school year-first week)
Type of Strategy	Emergency Services, Public Information /Education
Potential Funding Sources	Internal
Evaluation	Feedback from Students, Staff, Faculty & Administration
Hazards	All

Goal 2: Enhance coordination of emergency planning, communication and emergency services with the implementation of crisis action plans, operations and practice.

Action 2.1: Each building principal will review the emergency action plans and implementation of drills within the building. Appropriate safe locations, number of students and displacement time will be considered. The building principals will also activate and practice emergency drills for fire, storm/tornado, evacuation and intruder.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Practice drills will be completed at each building in a safe and orderly manner. Action steps and locations are posted in each classroom. o Written documentation with date, time, student counts and evaluation notes for each practice drill will be kept by the building principal. o Each principal will evaluate and revise practice drills as necessary to provide safety and best practice to students, staff and visitors.
Coordinating Organizations	Willard R-II Administration, Faculty & Staff
Priority Rank	High
Priority Timeline	Continuing
Type of Strategy	Emergency Services, Public Information /Education
Potential Funding Sources	Internal
Evaluation	Feedback from Students, Staff, Faculty & Administration
Hazards	All

Goal 3: Identify and pursue funding opportunities to develop and implement multi-jurisdictional mitigation activities.

Action 3.1: The Willard School District will participate in school, community and area mitigation activities and will apply for funding with grants, school appropriations and donations.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o The Willard School District will communicate and inform students, parents and patrons of informational mitigation activities. o The Willard School District will provide a venue for activities and fundraising events. o The Willard School District will accept donations for mitigation activities to offset the cost.
Coordinating Organizations	Willard R-II Administration, Faculty & Staff
Priority Rank	High
Priority Timeline	Continuing
Type of Strategy	Emergency Services, Public Information /Education
Potential Funding	Internal, Government Program Funds, Private Funding

Sources	
Evaluation	Feedback from Students, Staff, Faculty & Administration
Hazards	All

Goal 4: Develop a Willard R-II school and community partnership to foster hazard mitigation program coordination and collaboration in Greene County

Action 4.1: The Willard School District will continue representation for coordination and collaboration of Greene County mitigation programs and will provide resources and venue for coordination and collaboration of Greene County mitigation activities.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o The Willard School District will be represented by the Assistant Superintendent o The Willard School District will coordinate and host mitigation programs in the area o The Willard School District resources may be used during a mitigation emergency.
Coordinating Organizations	Willard R-II Administration, Faculty & Staff, Greene County Office of Emergency Management, Willard Emergency Management
Priority Rank	Medium
Priority Timeline	Continuing
Type of Strategy	Emergency Services, Public Information /Education
Potential Funding Sources	Internal, Private Funding
Evaluation	Feedback from Staff, Faculty & Administration at Willard and from Willard Emergency Management and Springfield-Greene County Office of Emergency Management
Hazards	All

Goal 5: Enhance and strengthen the actions of the Willard R-II School District in emergency service preparedness and response with hazard mitigation programs.

Action 5.1: The Willard School Administration will discuss and collaborate on the strengths and weaknesses of the individual emergency action plans and will modify and adjust emergency actions in accordance to building specifications and occupancy at the time of emergency.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Time will be devoted during the administrators’ monthly meeting to enhance, strengthen and address concerns of emergency response action. o Crisis plans will identify floor plan, safe room areas, personnel resources and action steps for each building. o The Building principal will instruct staff on preparedness and

	response to mitigation programs.
Coordinating Organizations	Willard R-II Administration, Faculty & Staff, Building Administrators
Priority Rank	Medium
Priority Timeline	Continuing
Type of Strategy	Emergency Services, Public Information /Education
Potential Funding Sources	Internal, Private Funding
Evaluation	Feedback from Staff, Faculty & Administration at Willard
Hazards	All

Goal 6: Identify and qualify Willard R-II School operations and emergency functions in a disaster.

Action 6.1: Each building will identify, practice and document emergency drills which will relate to actual emergency situations and will maintain accurate plans, actions and responsibilities of individuals during an emergency as outlined in the crisis manual.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Practice drills will be completed at each building in a safe and orderly manner o Written documentation with date, time, student counts and evaluation notes for each practice drill o Assigned tasks will be implemented by school staff in the event of an emergency
Coordinating Organizations	Willard R-II Administration, Faculty & Staff
Priority Rank	High
Priority Timeline	1 year
Type of Strategy	Emergency Services, Public Information /Education
Potential Funding Sources	Internal
Evaluation	Feedback from Staff, Faculty & Administration at Willard
Hazards	All

Goal 7: Develop and implement student and staff education awareness programs focused on the mitigation of natural and man-made hazards.

Action 7.1: Annual education and awareness programs are presented to students and staff at the beginning of each school year related to natural and man-made hazards in the area.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Resources and information will be provided to teachers during faculty meetings

	<ul style="list-style-type: none"> ○ Resources and information will be provided to students in relationship to science curriculum ○ The Willard School District may host community forums to provide education for natural and man-made hazards for patrons.
Coordinating Organizations	Willard R-II Administration, Faculty & Staff
Priority Rank	High
Priority Timeline	1 year (Continuing)
Type of Strategy	Emergency Services, Public Information /Education
Potential Funding Sources	Internal, Government Program Grants, Private Funding
Evaluation	Feedback from Staff, Faculty & Administration at Willard, Students, Parents & Community Members
Hazards	All

Goal 8: Develop and implement mitigation measures that focus on school buildings and other structures to minimize the effects of natural hazards to occupants.

Action 8.1: The Willard School District will ensure that school structures are designed and built as required by the engineer and architect to provide safety to occupants and will identify primary and secondary locations in the event of an emergency.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ The Willard School District will review structural drawings and plans to limit the effects of natural hazard to occupants ○ The Willard School District will identify in the Crisis Plan a primary and secondary location for emergency response ○ The Willard School District will identify a primary and secondary safe room location for occupants of outdoor school facilities
Coordinating Organizations	Willard R-II Administration, Faculty & Staff
Priority Rank	High
Priority Timeline	1-2 years
Type of Strategy	Life and Property Protection, Public Information /Education
Potential Funding Sources	Internal, Government Program Grants, Private Funding
Evaluation	Feedback from Staff, Faculty & Administration at Willard, Students, Parents & Community Members
Hazards	All

Action 8.2: The Willard School District will seek to construct safe rooms for tornados and other hazards, in new and existing building construction.

Project Status	New
Progress	N/A

Objectives	<ul style="list-style-type: none"> ○ The Willard School District will identify sites to retrofit current buildings or build new buildings to contain safe rooms.
Coordinating Organizations	Willard R-II School District, City of Willard, Willard Emergency Management, Building Regulations, Chosen Architect, Engineer & Builder
Priority Rank	Medium to High
Priority Timeline	1-5 years
Type of Strategy	Life and Property Protection, Infrastructure Protection
Potential Funding Sources	Internal, Government Program Grants, Private Funding
Evaluation	Completed Projects
Hazards	All (especially tornados & thunderstorms)

Goal 9: Strive to protect the environment and ecosystems, with respect to disaster conditions typical of Southwest Missouri.

Action 9.1: The Willard School District will take an active role in the education of students and staff for the protection of environment and ecosystems and develop a listing of emergency and disaster conditions within the local areas for information awareness.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ The Willard School District will review the Science curriculum for the understanding of environment and ecosystems ○ The Willard School District will identify resources which could provide a positive affect in a disaster ○ The Willard School District will identify potential concerns for the environment and ecosystems in a disaster
Coordinating Organizations	Willard R-II Administration, Faculty & Staff
Priority Rank	High
Priority Timeline	1-2 years
Type of Strategy	Public Information /Education, Natural Resource Protection
Potential Funding Sources	Internal, Government Program Grants, Private Funding
Evaluation	Feedback from Staff, Faculty & Administration at Willard, Students, Parents & Community Members
Hazards	All

Ash Grove Fire Protection District

Goal 1: Building of new fire station to keep up with the current needs of the community and responders. Incorporate community safe rooms into fire stations.

Action 1.1: Build a multi-use facility for fire department and community to be used in emergency situations. Also, to give responders a safe and functional station to train in and respond out of.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Actively seek grants and other funding sources to assist with the goal o Build a facility to be used as a safe room and fire department
Coordinating Organizations	Ash Grove Fire Protection District, Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services, Life and Property Protection
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completion of the safe room
Hazards	All (especially thunderstorms, tornados and winter storms)

Goal 2: Update and replace outdated, unsafe apparatus and tools.

Action 2.1: Purchase new or quality used apparatus and tools needed for safe mitigation of emergencies.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Actively seek grants and other funding sources to assist with goals o Purchase needed equipment
Coordinating Organizations	Ash Grove Fire District
Priority Rank	Medium to High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Acquisition of equipment and feedback from firemen
Hazards	All

Goal 3: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.

Action 3.1: Expand the use of dry hydrants and the identification and inventory of alternative firefighting water sources in applicable rural and urban settings.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none">○ Educate private property owners in the benefits of dry hydrant placement○ Promote the Missouri Dry Hydrant Tax Credit Program○ Expand the inventory of identified water sources for firefighting
Coordinating Organizations	Rural and urban fire departments, Missouri State Fire Marshall, Missouri Department of Conservation, Farm Service Agency.
Priority Rank	Medium
Priority Timeline	1-5 years
Type of Strategy	Prevention and Infrastructure Projects
Potential Funding Sources	Government Program Funds, Private Funding
Evaluation	Grant, Loan and/or Donation funding approvals
Hazards	All

Bois D’Arc Fire Protection District
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Goal 1: To protect the lives of residents that live within our protection district during thunderstorms, high winds and tornados.

Action 1.1: To build a multi-use building to house a safe room and fire station as we have outgrown our current station #1.

Project Status	New
Progress	N/A
Objectives	o Construct a multi-use building
Coordinating Organizations	Bois D’Arc Fire District, Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services, Life and Property Protection
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completion of Building
Hazards	All

Goal 2: To protect the lives and property of residents within our protection district during fire and medical calls.

Action 2.1: Update our fleet of aging apparatus and maintain a higher level of training for fire/medical personnel. Update software and obtain internet capabilities.

Project Status	New
Progress	N/A
Objectives	o Purchase newer apparatus and equipment as needed o Fund training for personnel. o Purchase internet capabilities (i.e. air card) and software.
Coordinating Organizations	Bois D’Arc Fire District
Priority Rank	High
Priority Timeline	2-5 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Purchase of equipment and completion of training
Hazards	All

Goal 3: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.

Action 3.1: Expand the use of dry hydrants and the identification and inventory of alternative firefighting water sources in applicable rural and urban settings.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Educate private property owners in the benefits of dry hydrant placement ○ Promote the Missouri Dry Hydrant Tax Credit Program ○ Expand the inventory of identified water sources for firefighting
Coordinating Organizations	Rural and urban fire departments, Missouri State Fire Marshall, Missouri Department of Conservation, Farm Service Agency.
Priority Rank	Medium
Priority Timeline	1-5 years
Type of Strategy	Prevention and Infrastructure Projects
Potential Funding Sources	Government Program Funds, Private Funding
Evaluation	Grant, Loan and/or Donation funding approvals
Hazards	All

Ebenezer Fire Protection District
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Goal 1: Protect citizens and firefighters during thunderstorms and tornados.

Action 1.1: Provide a safe place for citizens to go during severe storms and tornados.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Build a station complete with a safe room creating an area where people can go to seek refuge from storms. No such safe room is currently available in the area. Would enhance safety and response capabilities.
Coordinating Organizations	Ebenezer Fire District, Greene County Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	2-4 years
Type of Strategy	Emergency Services, Life and Property Protection
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completion of the Safe Room
Hazards	All (especially thunderstorms, tornados & winter storms)

Goal 2: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.

Action 2.1: Expand the use of dry hydrants and the identification and inventory of alternative firefighting water sources in applicable rural and urban settings.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Educate private property owners in the benefits of dry hydrant placement ○ Promote the Missouri Dry Hydrant Tax Credit Program ○ Expand the inventory of identified water sources for firefighting
Coordinating Organizations	Rural and urban fire departments, Missouri State Fire Marshall, Missouri Department of Conservation, Farm Service Agency.
Priority Rank	Medium
Priority Timeline	1-5 years
Type of Strategy	Prevention and Infrastructure Projects
Potential Funding Sources	Government Program Funds, Private Funding
Evaluation	Grant, Loan and/or Donation funding approvals
Hazards	All

Fair Grove Fire Protection District
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Goal 1: Protect school, students, and citizens of Fair Grove and northern Greene County.

Action 1.1: Build a safe room

Project Status	New
Progress	N/A
Objectives	o Build a safe room
Coordinating Organizations	Fair Grove Fire District, Fair Grove School District, City of Fair Grove, Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services, Life and Property Protection
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completion of the safe room
Hazards	All

Goal 2: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.

Action 2.1: Expand the use of dry hydrants and the identification and inventory of alternative firefighting water sources in applicable rural and urban settings.

Project Status	New
Progress	N/A
Objectives	o Educate private property owners in the benefits of dry hydrant placement o Promote the Missouri Dry Hydrant Tax Credit Program o Expand the inventory of identified water sources for firefighting
Coordinating Organizations	Rural and urban fire departments, Missouri State Fire Marshall, Missouri Department of Conservation, Farm Service Agency.
Priority Rank	Medium
Priority Timeline	1-5 years
Type of Strategy	Prevention and Infrastructure Projects
Potential Funding Sources	Government Program Funds, Private Funding
Evaluation	Grant, Loan and/or Donation funding approvals
Hazards	All

Logan-Rogersville Fire Protection District

Goal 1: To protect the lives of Greene County residents and citizens during thunderstorms, tornados, and high winds.

Action 1.1: Develop guidelines for placement of warning devices in the western portion of the LRFPD.

Project Status	New
Progress	N/A
Objectives	o Install new warning sirens in the western portion of the fire district.
Coordinating Organizations	Logan-Rogersville Fire District, Springfield Greene County Office of Emergency Management,
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Installation of the sirens and feedback from citizens
Hazards	All

Goal 2: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.

Action 2.1: Expand the use of dry hydrants and the identification and inventory of alternative firefighting water sources in applicable rural and urban settings.

Project Status	New
Progress	N/A
Objectives	o Educate private property owners in the benefits of dry hydrant placement o Promote the Missouri Dry Hydrant Tax Credit Program o Expand the inventory of identified water sources for firefighting
Coordinating Organizations	Rural and urban fire departments, Missouri State Fire Marshall, Missouri Department of Conservation, Farm Service Agency.
Priority Rank	Medium
Priority Timeline	1-5 years
Type of Strategy	Prevention and Infrastructure Projects
Potential Funding Sources	Government Program Funds, Private Funding
Evaluation	Grant, Loan and/or Donation funding approvals
Hazards	All

Pleasant View Fire Protection District

Goal 1: Better serve the residents of our district by providing uninterrupted service.

Action 1.1: Providing regular uninterrupted service to the district during times when the station is without electric service due to natural or any disaster.

Project Status	New
Progress	N/A
Objectives	o Install self-starting propane-powered generator capable of running the entire station in the event of power outages.
Coordinating Organizations	Pleasant View Fire District
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Installation of generator
Hazards	All

Goal 2: Having the capability to respond from a station that would withstand wind damage, protecting our equipment and personnel.

Action 2.1: Hardening our existing station to ensure response during a disaster

Project Status	New
Progress	N/A
Objectives	o Harden and shore up our existing station protecting our trucks, equipment and personnel to ensure we would be able to respond to any and all emergencies during a disaster.
Coordinating Organizations	Pleasant View Fire District, Green County Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completion of the Hardening Process
Hazards	All (especially tornados and high winds)

Goal 3: Protect citizens and firefighters during thunderstorms and tornados.

Action 3.1: Provide a safe place for citizens to go during severe storms and tornados.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Build a station complete with a safe room creating an area where people can go to seek refuge from storms. No such Safe Room is currently available in the area. Would enhance safety and response capabilities.
Coordinating Organizations	Pleasant View Fire District, Greene County Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	2-4 years
Type of Strategy	Emergency Services, Life and Property Protection
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completion of the Safe Room
Hazards	All (especially thunderstorms, tornados & winter storms)

Goal 4: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.

Action 4.1: Expand the use of dry hydrants and the identification and inventory of alternative firefighting water sources in applicable rural and urban settings.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Educate private property owners in the benefits of dry hydrant placement o Promote the Missouri Dry Hydrant Tax Credit Program o Expand the inventory of identified water sources for firefighting
Coordinating Organizations	Rural and urban fire departments, Missouri State Fire Marshall, Missouri Department of Conservation, Farm Service Agency.
Priority Rank	Medium
Priority Timeline	1-5 years
Type of Strategy	Prevention and Infrastructure Projects
Potential Funding Sources	Government Program Funds, Private Funding
Evaluation	Grant, Loan and/or Donation funding approvals
Hazards	All

Strafford Fire Protection District

Goal 1: To protect the lives of Strafford Fire District residents and citizens by enhancing radio communications in the event of a natural or man-made disaster.

Action 1.1: Increase radio communication capabilities with our bordering fire departments using VHF radio systems and with fire departments using trunked radio systems.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Purchase and distribute VHF radios to install in all vehicles and issue to responding firefighters and other agencies within our jurisdiction during times of need ○ Enhancing triple redundancy for notification and communications in the event of a natural or man-made disaster ○ Purchase and distribute Trunked radios to install in all vehicles and issue to responding firefighters and other agencies within our jurisdiction during times of need
Coordinating Organizations	Strafford Fire, Other City Agencies
Priority Rank	High
Priority Timeline	1-2 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Purchase and Distribution Complete, Feedback from Agencies Involved
Hazards	All

Goal 2: To protect the lives of Strafford Fire District residents and citizens and to maintain the capabilities of life safety and property conservation during times of natural and manmade disasters.

Action 2.1: Provide uninterrupted electrical operations of fire stations within the fire district promoting all aspects of performance of duties for Strafford and all assisting agencies and provide temporary Safe Room for citizens in need.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Install automatic propane generators at each of the fire stations in the Strafford Fire District ○ Develop and maintain a maintenance program for the generators to prolong operational life ○ Maintain an action plan in the event of a disaster that considers citizens in need of Safe Room, water and food
Coordinating	Strafford Fire, Other City Agencies

Organizations	
Priority Rank	High
Priority Timeline	1-2 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Purchase and Distribution Complete, Feedback from Strafford Fire Fighters and Citizens
Hazards	All

Goal 3: To protect the lives of Strafford Fire District residents and citizens during times of thunderstorm, tornado, and high wind events.

Action 3.1: Develop guidelines for the placement of functional safe rooms within the rural areas of the Strafford Fire District and also within the City of Strafford.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Identify/obtain safe rooms for the rural areas of the Strafford Fire District o Identify/obtain safe rooms within the City of Strafford o Identify/obtain safe room for the area of the Strafford Fire District that is within Webster County
Coordinating Organizations	Strafford Fire, City of Strafford, Strafford Emergency Management, Springfield-Greene County Office of Emergency Management
Priority Rank	High
Priority Timeline	3-5 years
Type of Strategy	Emergency Services, Life and Property Protection
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	The Identification/Obtaining of Safe Rooms is complete
Hazards	All

Goal 4: To protect the lives of Strafford Fire district residents and citizens by providing the capabilities of monitoring media releases during times of disaster to better inform the citizens of the district with accurate information as provided.

Action 4.1: Enable monitoring of local media news, weather and emergency instructions by trained personnel during times of disaster. Also, to allow sheltered citizens the opportunity to monitor media releases.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Develop and implement a system for the placement and maintenance of televisions and radios o Obtain digital televisions and weather alert radios to be distributed

	throughout the safe rooms and fire facilities.
Coordinating Organizations	Strafford Fire, City of Strafford, Strafford Emergency Management
Priority Rank	Medium to High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services, Public Information/Education
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	The installation of the televisions and weather radios and the feedback of those able to use them
Hazards	All

Goal 5: To protect the lives of Strafford Fire District residents and citizens by providing for increased safety of the firefighters when responding to emergency requests.

Action 5.1: Develop and maintain a scheduled rotation, maintenance, and practical use of fire service engines purchased and used by the Strafford Fire Department. Also, increase the safety of the passengers by monitoring and implementing current safety standards for fire service apparatus.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Replace older equipment by application for grant to assist with the purchase of new ones. o Develop alternate means of funding newer equipment encompassing newer safety features. o Replace each of the engines utilized by the fire department according to rotation basis developed (e.g. 15-year-old apparatus must be replaced or retired).
Coordinating Organizations	Strafford Fire District
Priority Rank	Medium to High
Priority Timeline	3-5 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Purchase of new engines
Hazards	All

Goal 6: To protect the lives of Strafford Fire District residents and citizens by providing for increased compliance with the National Incident Management System in the event of a natural or manmade disaster whereas additional agencies respond to assist.

Action 6.1: Facilitate the flow of communications between assisting agencies and the structured workforce mitigating the disaster, and be able to provide for the needed copies of paperwork relating to structured activities and compliance of assigned duties during a disaster.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Develop and implement a system for maintaining the copy machines and their distribution throughout the district facilities. ○ Obtain an additional four copy machines to be dispersed to the department’s facilities by grant or private funding. ○ Obtain and manage sufficient supplies for each machine (e.g. paper and ink).
Coordinating Organizations	Strafford Fire District
Priority Rank	Low
Priority Timeline	3-5 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Installation of equipment and use of NIMS compliant forms
Hazards	All

Goal 7: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.

Action 7.1: Expand the use of dry hydrants and the identification and inventory of alternative firefighting water sources in applicable rural and urban settings.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> ○ Educate private property owners in the benefits of dry hydrant placement ○ Promote the Missouri Dry Hydrant Tax Credit Program ○ Expand the inventory of identified water sources for firefighting
Coordinating Organizations	Rural and urban fire departments, Missouri State Fire Marshall, Missouri Department of Conservation, Farm Service Agency.
Priority Rank	Medium
Priority Timeline	1-5 years
Type of Strategy	Prevention and Infrastructure Projects
Potential Funding Sources	Government Program Funds, Private Funding
Evaluation	Grant, Loan and/or Donation funding approvals
Hazards	All

Willard Fire Protection District

Goal 1: To provide a more modern and useful facility for classroom instruction and administrative office space for the district.

Action 1.1: Build Acquire a facility suitable for classroom and offices, and organize facility for modern classroom and office use for the administration of the district.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Purchase the Meadows Water District building o Remodel building to include classroom, secure office, bunkrooms, kitchen, and two bays for apparatus. o Involve members and partners of the district in all phases of completion.
Coordinating Organizations	Willard Fire District, City of Willard, Other Partner Agencies, Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	Medium
Priority Timeline	1-3 years
Type of Strategy	Emergency Services, Public Information & Education
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completion of the remodel
Hazards	All

Goal 2: Acquire full-time staffing for the district.

Action 2.1: To better serve the patrons of the district with quicker response time for emergency calls, and to maintain better district resources.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Research funding options for the district. o Determine staffing ratios and locations. o Establish personnel guidelines for full-time staff.
Coordinating Organizations	Willard Fire District
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Addition of Staff
Hazards	All

Goal 3: Acquire new station facilities to replace Station 1.

Action 3.1: Provide a more modern and spacious facility to house district resources and personnel; a safer environment for the district staff to better serve the community from.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Research funding options along with available grants. o Locate a suitable and proper location for the facility. o Equip the facility with modern safety features and conveniences to more professionally serve the district.
Coordinating Organizations	Willard Fire District, City of Willard, Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	Medium to High
Priority Timeline	3-5 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completion of the facility
Hazards	All

Goal 4: Upgrade the personal protective equipment.

Action 4.1: To better ensure the safety of our personnel on emergency scenes, and to maintain a constant focus on the health and safety of both the personnel and patrons we serve.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Constantly inventory and assess the condition and suitability of the district’s PPE. o Research and stay informed of any and all forms of technological advances in PPE gear. o Acquire and maintain only the best and proven forms of protective equipment.
Coordinating Organizations	Willard Fire District
Priority Rank	Medium to High
Priority Timeline	3-5 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Purchase of Equipment and feedback from firemen
Hazards	All (especially fire)

Goal 5: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.

Action 5.1: Expand the use of dry hydrants and the identification and inventory of alternative firefighting water sources in applicable rural and urban settings.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Educate private property owners in the benefits of dry hydrant placement o Promote the Missouri Dry Hydrant Tax Credit Program o Expand the inventory of identified water sources for firefighting
Coordinating Organizations	Rural and urban fire departments, Missouri State Fire Marshall, Missouri Department of Conservation, Farm Service Agency.
Priority Rank	Medium
Priority Timeline	1-5 years
Type of Strategy	Prevention and Infrastructure Projects
Potential Funding Sources	Government Program Funds, Private Funding
Evaluation	Grant, Loan and/or Donation funding approvals
Hazards	All

Missouri State University

Goal 1: To provide a safe and secure campus community

Action 1.1: Identify locations for expansion of the campus alert system, and develop priorities for academic buildings, administrative buildings and residential buildings for alert system.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Install alert systems in all buildings within the current campus area o Identify funding for the project
Coordinating Organizations	Missouri State University, Springfield-Greene County Office of Emergency Management,
Priority Rank	High
Priority Timeline	1-3 years
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Project Funding, Private Funding
Evaluation	Installation of the alert system
Hazards	All

Goal 2: Continue to conduct scenario training with emergency response teams, i.e. fire, law enforcement and EMS for various events such as fire, weapons and active shooter.

Action 2.1: Continue to revise and update Emergency Response Plan (ERP) and integrate our ERP with other responding agencies.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Expand our 800 MHz, public safety communication system. o Indentify funding for the project
Coordinating Organizations	Missouri State University, Springfield-Greene County Office of Emergency Management, Springfield Fire Department, Springfield Police Department, Local EMS
Priority Rank	Medium to High
Priority Timeline	3-5 years (continuing -revisions)
Type of Strategy	Emergency Services
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completion of ERP and expanded 800 MHz system
Hazards	All

Ozark Technical Community College

Goal 1: To protect the lives of OTC employees, students and people living and working in the center city area during sever storms, tornados and high wind events.

Action 1.1: To build community safe rooms on the OTC main campus.

Project Status	New
Progress	N/A
Objectives	<ul style="list-style-type: none"> o Build community safe rooms. o Open safe rooms to the public during severe storm watches prior to storm warnings being issued. o Create procedures to ensure the community storm safe rooms are open when needed to protect life.
Coordinating Organizations	Ozark Technical Community College, Building Regulations, Chosen Architect, Engineer and Builder
Priority Rank	High
Priority Timeline	2-5 years
Type of Strategy	Emergency Services, Life and Property Protection
Potential Funding Sources	Internal, Government Program Funding, Private Funding
Evaluation	Completed safe rooms
Hazards	All

STAPLEE Evaluation

A critical component of selecting mitigation goals, objectives (measures) and strategies to reduce to the community’s risk of hazards is ensuring the criteria are consistent with and complementary to other community programs.

The following table provides an analysis of the area’s proposed mitigation actions. Each action was reviewed according to the **S**ocial, **T**echnical, **A**dministrative, **P**olitical, **L**egal, **E**conomic and **E**nvironmental (STAPLEE) criteria. An “X” under the appropriate column indicates the action would play a factor in mitigation actions. No “X” in a box indicates this area is not foreseen to be impacted.

Springfield/Greene County Mitigation Action Evaluation	S	T	A	P	L	E	E
Goal 1: Protect the lives of Springfield and Greene County residents and citizens by preventing sinkhole collapse and flooding.							
<i>Action 1.1:</i> Obtain LIDAR imaging over the entire unincorporated county and use the LIDAR information to more accurately assess the location, size and stability of existing sinkholes.							
Apply for FEMA grant funding so that the LIDAR flights can occur		X	X		X	X	X
Use the new LIDAR information to limit structures and development from occurring in high risk areas	X	X			X	X	X
Use the new LIDAR information to begin to remove existing structures and developments from high risk areas	X	X	X		X	X	X
Goal 2: To protect the lives of Greene County residents and citizens by mitigating groundwater contamination that occurs due to large spills or illegal dumping of fluids that enter the groundwater system.							
<i>Action 2.2:</i> Obtain more accurate mapping information on faults, lineaments and fissures that could be areas of rapid contamination and develop a more extensive map of underground water transfer (groundwater trace) points and recharge areas for important springs in the county.							
Create and update a map of all petroleum pipelines and storage facilities in the county			X				X
Apply for funding to have field and GPS inspections conducted over the whole county.			X			X	X
Goal 3: Protect the lives of Springfield and Greene County residents and citizens.							
<i>Action 3.1:</i> Install outdoor warning sirens in densely populated of the county that are not currently covered by sirens.							
Monitor annexation process to stay informed as to upcoming and potential annexations to ensure warning siren coverage remains consistent with current standard		X	X		X	X	
Develop guidelines for placement of warning devices in applicable unincorporated areas of the County		X	X		X		
<i>Action 3.2:</i> Install cameras in strategic areas around Springfield to monitor weather and also monitor specific areas that routinely host very large numbers of people.							
Develop a plan to install cameras at sites that routinely host large special events and that also have good vantage points to monitor incoming weather	X	X	X			X	
Install cameras at chosen sites and link them to the Emergency Operations Center		X	X				
Utilize live feeds to gain intelligence during special events		X	X				
Goal 4: Enhance coordination of emergency planning and technology operations between local governments, community groups, businesses and citizens and regional partners.							
<i>Action 4.1:</i> Continue to develop technological and procedural systems to improve communications and information sharing between emergency services.							
Continue to pursue the establishment of an 800 MHz link between Jasper County and Greene County		X	X			X	

Springfield/Greene County Mitigation Action Evaluation	S	T	A	P	L	E	E
Goal 5: Identify and pursue funding opportunities to develop and implement City and County mitigation activities.							
<i>Action 5.1: Locate both public and private funding for mitigation activities.</i>							
Allocate City and County resources and assistance to mitigation projects when possible and appropriate	X	X	X	X	X	X	X
Partner with other organizations and agencies in Greene County to identify grant programs, foundations and donations that may support mitigation activities			X	X	X	X	
Goal 6: Develop public and private partnerships to foster hazard mitigation program coordination and collaboration in Greene County							
<i>Action 6.1: Make Mitigation Plan available and encourage people to be involved in its continued development.</i>							
New- Post the Mitigation Plan on the OEM website and provide copies of plan to libraries and local government agencies.			X				
Work with participants to modify this plan as necessary to address specific hazard mitigation issues as they arise.			X		X		
Identify all municipal, County and regional organizations with responsibilities for, or an interest in, hazard mitigation.			X				
To the extent possible, involve the private sector in hazard mitigation programs and activities.	X	X	X	X	X	X	
Goal 7: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.							
<i>Action 7.1: Improve the efficiency, timing and effectiveness of response and recovery efforts during times of disaster.</i>							
Strengthen emergency services preparedness, response and recovery by linking them to hazard mitigation programs.		X	X		X	X	
Enhance strategies for post disaster debris management.		X	X			X	X
Consider for ordinance, regulation, rule or order the following: (1) requiring all buildings (other than residential space) have a tornado refuge (shelter) plan, (2) requiring all buildings to have in place access to up to the minute severe weather alerting		X	X	X	X	X	
Evaluate the need for tornado safe room in essential facilities and other establishments serving the public (e.g. schools, hospitals and other critical facilities).		X	X	X	X	X	
Enhance data and mapping for floodplain and sinkhole information in and around flood-prone areas outside of designated floodplains.		X	X			X	X
Goal 8: Continue with governmental infrastructure improvements, retrofits, and additions.							
<i>Action 8.1a: Springfield Capital Improvements Projects</i>							
*Partial general list of future mitigation capital improvements:							
Storm Sewers \$11,376,029	X	X	X	X	X	X	X
Sanitary Sewers \$45,165,754							
Traffic Engineering \$3,231,366							
Solid Waste Facilities \$2,946,995							
Fire Stations \$0							
<i>Action 8.2: Strengthen public utilities</i>							

Springfield/Greene County Mitigation Action Evaluation	S	T	A	P	L	E	E
Research utility outages in past disasters			X				
Develop a plan based on past outages to strengthen most critical areas		X	X			X	
Bury the most critical power lines		X	X			X	X
Goal 9: Ensure continued operation of government and emergency functions in a disaster.							
<i>Action 9.1: Replace existing emergency management offices and Emergency Operations Center.</i>							
Move from current 102 year old structure to one that is better suited to the growing community.		X	X		X	X	
Partner with other agencies to make the new facility as broadly marketable as feasible.	X	X	X	X	X	X	X
Ensure facility is technologically advanced to support the rapidly changing public safety needs.		X	X		X	X	
Harden facility against natural and man-made hazards		X	X			X	
Goal 10: Develop and implement public education and awareness programs and activities that focus on the mitigation of							
<i>Action 10.1: Develop the ability to broadcast emergency and public education material to the general public</i>							
Partner with other public and private entities to develop AM or FM low power radio station(s) to provide city and county residents with continuous mitigation, preparedness, response and recover information		X	X			X	
<i>Action 10.2: Develop movie theater based public education campaign.</i>							
Partner with other public and private entities to develop a vehicle to educate the community using the “big screen” to deliver professional educational program materials, to targeted groups, reaching staggering numbers of people for a low investment of resources.		X	X			X	
<i>Action 10.3: Create a website for the purpose of mitigation.</i>							
Revised multijurisdictional mitigation plan		X	X			X	
Maps of hazard-prone areas		X	X			X	
Fact sheets and general information on applicable hazards		X	X			X	
Building codes		X	X		X	X	X
Information on the National Flood Insurance Program		X	X		X	X	X
Information on damage prevention.		X	X			X	
Links to websites with information on hazard mitigation		X	X			X	
<i>Action 10.4: Develop public service announcements (PSAs) on hazard mitigation programs and activities.</i>							
Provide these PSAs to radio, television and cable stations	X	X	X			X	
<i>Action 10.5: Develop brochures and other informational materials on mitigation programs and other related activities.</i>							
Education materials should be developed as program packets	X	X	X			X	
Program materials could be placed in libraries, community centers and other public facilities	X		X			X	
<i>Action 10.6: Conduct workshops</i>							
Develop more comprehensive workshops to be conducted for elected officials, business owners, and other community leaders on hazard mitigation programs and activities	X	X	X	X		X	

Springfield/Greene County Mitigation Action Evaluation	S	T	A	P	L	E	E
Goal 11: Continue to protect area ecosystems.							
<i>Action 11.1:</i> Use technical knowledge of natural ecosystems to link natural resource management and land use organizations to mitigation activities and technical assistance.							
Review ordinances, orders and regulations that protect natural systems and resources to mitigate for natural hazards for possible enhancements		X	X	X	X		X
Pursue vegetation and restoration practices that assist in enhancing and restoring natural and beneficial functions of area watersheds		X	X			X	X
Develop education and outreach programs that focus on protecting natural systems as a mitigation activity.	X	X	X			X	X
Enhance strategies for post disaster debris management		X	X				X
Goal 12: Develop and implement mitigation measure that focus on building, modifying or retrofitting buildings and other structures to minimize the effects of natural hazards on them and their occupants.							
<i>Action 12.1:</i> Flood “buyout” Program							
Enhance flood prevention by improving flood buyout programs		X	X	X	X	X	X
Consideration of hiring a consultant to actively identify and work up potential buyout properties located within floodplain areas		X	X			X	X
<i>Action 12.2:</i> Develop and implement flood control programs							
Enhance various flood control programs		X	X			X	X
Develop a plan for strengthening or replacing low water crossings in the area		X	X			X	X
Replace and improve low water crossings where identified as effective		X	X			X	X
<i>Action 12.3:</i> Develop incentive programs for citizens, business and industry to pursue hazard mitigation projects.							
Develop brochures and related materials to inform property owners about projects they can accomplish to make their residential and commercial properties disaster-resistant.	X	X	X			X	
Develop partnerships with local financial institutions to offer low-cost loans to residential and commercial property owners to modify or retrofit structures to improve their resistance to mitigate hazards	X	X	X	X	X	X	X
<i>Action 12.4:</i> Continue to promote and fund the backflow prevention valve program for residences, businesses and industry.							
Develop more comprehensive program to target all applicable citizens and businesses	X	X	X			X	
Acquire grant to purchase back flow prevention valves for distribution to applicable citizens in need	X	X	X			X	

Municipalities	S	T	A	P	L	E	E
Mitigation Action Evaluation							
The City of Ash Grove							
Goal 1: To protect the lives of the residents of Ash Grove during emergency events of tornados, high winds, and thunderstorms							
<i>Action 1.1:</i> Establish reliable emergency warning system for citizens of Ash Grove. Provide emergency management personnel with equipment for better communication monitoring and debris removal during emergency events.							
Install new storm warning siren in northeast portion of Ash Grove to provide more coverage of the city and reduce potential of no warning should one siren fail.		X	X			X	
Install generators at siren sites to provide reliable warning system in power outage situations.		X	X			X	
Purchase items to include, but not limited to: additional 800 MHz radios, portable HAM radios, laptops, laptop projectors, televisions, additional storm tracker licenses, wind speed indicators, grappler arm for tractor and bobcat.		X	X			X	
Goal 2: To improve storm water management and decrease the potential for property damage in Ash Grove during flooding events.							
<i>Action 2.1:</i> Design and Construct and eco-friendly storm water system that reduces flooding potential for property owners near existing floodway. Also, establish best storm water practices for new developments and existing areas to reduce storm water runoff.							
Obtain a study of watershed area and projected development to determine needed improvements to floodway and other improvements needed to better manage flooding events.		X	X			X	X
Design and construct storm water system in planned phases.		X	X	X	X	X	X
Rewrite required standards for parking lot surfaces, landscaping, driveway surfaces, street design, curb and gutter and other standards		X	X	X	X		X
Goal 3: To protect the lives of Ash Grove residents living near the railroad line and highways in a hazardous material spill event.							
<i>Action 3.1:</i> Develop guidelines for the orderly management of such events, and educate residents about potential harm and appropriate response.							
Establish step by step procedures for both areas including evacuations plans.	X	X	X	X	X	X	
Develop written materials for residents.	X	X	X				
Distribute materials at educational meetings or by personal delivery to each resident.	X	X	X				
Goal 4: Increase safety of citizens of Ash Grove during severe weather and other emergencies							
<i>Action 4.1:</i> Build emergency safe rooms for citizens to take protective cover in during an emergency of any type							
Build emergency safe rooms large enough to house citizens	X	X	X	X	X	X	
Goal 5: Develop and implement mitigation measure that focus on building, modifying or retrofitting buildings and other structures to minimize the effects of natural hazards on them and their occupants.							
<i>Action 5.1:</i> Flood control programs							

Municipalities	S	T	A	P	L	E	E
Mitigation Action Evaluation							
Enhance flood prevention by improving flood control programs		X	X	X	X	X	X ^{1Q}
The City of Battlefield							
Goal 1: To enhance protection provided for the citizens of Battlefield during severe weather and during non-weather related emergencies.							
<i>Action 1.1:</i> To work with Springfield-Greene County Office of Emergency Management on proper placement of warning sirens.							
Temporarily move one of our civil defense sirens from City Park to west end of Elm Street in Battlefield.	X	X	X	X	X	X	
Replace temporary siren with permanent siren to provide a larger coverage area to west side of city	X	X	X	X	X	X	
Goal 2: Increase the ability of city staff to maintain communication during city, county, or regional emergency situations.							
<i>Action 2.1:</i> Add 800 MHz radios with battery backup to Battlefield City Hall to use during emergencies to maintain contact with outside agencies.							
Purchase 800 MHz radios to be placed in Battlefield City Hall Staff Office		X	X			X	
Train staff in proper function of radio and proper radio procedures to be used.	X	X	X				
Goal 3: Increase safety of citizens of Battlefield during severe weather and other emergencies.							
<i>Action 3.1:</i> Build emergency safe rooms for citizens to take protective cover in during an emergency of any type. Include natural gas generator backup and equipped emergency operations room.							
Purchase city property sufficient in size for emergency safe rooms, including parking.	X	X	X	X	X	X	X
Apply for grants to build emergency safe rooms large enough to temporarily house citizens with space for animals.		X	X	X	X	X	
Install large capacity natural gas powered generator. Equip Emergency Operations room with computer, phone and radio backup.		X	X			X	
Goal 4: Develop and implement mitigation measure that focus on building, modifying or retrofitting buildings and other structures to minimize the effects of natural hazards on them and their occupants.							
<i>Action 4.1: Flood Control Programs</i>							
Enhance flood prevention by improving flood control programs		X	X	X	X	X	X
The City of Fair Grove							
Goal 1: To protect the citizens of Fair Grove during tornadoes and high wind events.							
<i>Action 1.1:</i> Develop a plan of action to assist the City in achieving the goal of updating and improving warning siren capabilities							
Update old storm sirens (3) with new battery back up systems.		X	X		X	X	
Equip new sirens (3) with radio technology to enable Greene County the ability to activate sirens.		X	X		X	X	

Municipalities	S	T	A	P	L	E	E
Mitigation Action Evaluation							
<i>Action 1.2: Work with the Fair Grove School District to gain funding for and build safe room.</i>							
Locate Funding to assist with the project		X	X			X	
Construct a safe room.		X	X			X	
Goal 2: Develop and implement mitigation measure that focus on building, modifying or retrofitting buildings and other structures to minimize the effects of natural hazards on them and their occupants.							
<i>Action 2.1: Flood Control Programs</i>							
Enhance flood prevention by improving flood control programs		X	X	X	X	X	X
The City of Republic							
Goal 1: To protect and notify the residents and citizens during thunderstorms, tornadoes, and other hazard events.							
<i>Action 1.1: Develop a plan to replace two existing 30 year old outdoor warning devices, with all hazard devices, add units in under developed areas and maintain standard of warning coverage within the City as new areas develop. Also, develop alternative notification systems.</i>							
Install “voice over” all hazard warning devices in high population areas	X	X	X	X		X	
Develop fast, efficient notification systems for citizens with special needs.	X	X	X	X		X	
Continue to expand two-way communication and information transfer with community partners	X	X	X	X		X	
Goal 2: To provide the citizens with a severe weather shelter program to protect them during severe weather events.							
<i>Action 2.1: Develop a shelter program that would provide citizens with the opportunity to protect in place on their property and to include shelter opportunities with new and existing multifamily dwelling complexes.</i>							
To continue to educate people about the need to have a safe-room within their residence	X	X	X	X		X	
Develop a mechanism whereby the City could provide assistance for individuals to provide own safe refuge. Monitor developments and encourage the providing refuge areas that meet current standards.	X	X	X	X		X	
Goal 3: Minimize flooding within the City of Republic							
<i>Action 3.1: Continue to maintain the current flood mitigation plan used within the core area of the City of Republic and develop a program of flood mitigation for the former Village of Brookline using FEMA guidelines.</i>							
Monitor new developments to manage excess run-off generated by paving and roof accumulation		X	X			X	X
Continue current projects to alleviate flooding within the City and improve the Logan St. area south of Hines		X	X	X	X	X	X
Initiate a project to raise FR 115 north of FR 156 or Sawyer Road		X	X	X	X	X	X
Goal 4: Protect quality of life within the City of Republic by enforcing the maintenance and improvements of commercial structures in the downtown area.							

Municipalities	S	T	A	P	L	E	E
Mitigation Action Evaluation							
<i>Action 4.1:</i> Improve the safety of the downtown area by improving the current condition of Main Street buildings and develop a working plan to improve the structural integrity of existing buildings in the downtown area.							
Continue to enforce applicable fire and building codes	X	X	X	X	X	X	X
Amend Municipal Code to provide a comprehensive approach to “dangerous” buildings	X	X	X	X	X	X	X
Develop a workable plan to provide improvement to existing buildings of the downtown as a planned development	X	X	X	X	X	X	X
Develop partnerships and funding streams to provide for the re-development of the downtown area	X	X	X	X	X	X	X
Goal 5: Increase safety of citizens of Republic during severe weather and other emergencies							
<i>Action 5.1:</i> Build an emergency safe room for citizens to take protective cover in during an emergency of any type							
Build an emergency safe room large enough to house citizens	X	X	X			X	
Goal 6: Develop and implement mitigation measure that focus on building, modifying or retrofitting buildings and other structures to minimize the effects of natural hazards on them and their occupants.							
<i>Action 6.1:</i> Flood control programs							
Enhance flood prevention by improving flood control programs		X	X	X	X	X	X
The City of Strafford							
Goal 1: To protect the lives of the citizens of the City of Strafford							
<i>Action 1.1:</i> Promote hazard mitigation awareness and education.							
Rewrite the Emergency Management Manual and develop evacuation procedures and educate the community.	X	X	X	X	X	X	
Hire a qualified Emergency Management Director and direct he/she to conduct community educational meetings.		X	X	X	X	X	
Establish and Emergency Communications Center/Command Post with necessary communication equipment.		X	X	X	X	X	
<i>Action 1.2:</i> Coordinate with the School District to provide shelter for residents of Strafford.							
Work with the school to fund a storm safe room.	X	X	X			X	
Goal 2: To protect property & environment							
<i>Action 2.1:</i> Identify hazard considerations and incorporate hazard considerations into land-use planning and natural resource management.							
Strengthen codes on new construction to lessen the impact of a natural disaster.	X	X	X	X	X		
Improve flood protection by developing drainage maintenance plans.		X	X				X
Bury electrical lines and develop a tree trimming schedule.		X	X			X	X
Goal 3: Develop and implement mitigation measure that focus on building, modifying or retrofitting buildings and other structures to minimize the effects of natural hazards on them and their occupants.							

Municipalities	S	T	A	P	L	E	E
Mitigation Action Evaluation							
<i>Action 3.1: Flood control programs</i>							
Enhance flood prevention by improving flood control programs		X	X	X	X	X	X
City of Willard							
Goal 1: To protect the lives of citizens living, working and visiting the City of Willard during thunderstorms, tornadoes and high wind events.							
<i>Action 1.1: Construct a community safe room and develop guidelines and standard operating procedures for activation and operation of the community safe room.</i>							
Construction of community safe room with shower and cooking facilities.	X	X	X			X	
Alternate EOC, to be used if primary is damaged in disaster.		X	X	X	X	X	
Goal 2: Update and maintain outdated outdoor warning sirens. Add additional warning sirens for larger coverage area.							
<i>Action 2.1: Replace outdated warning sirens with new multi-directional sirens, and develop new standard operating procedures for maintaining and inspection of new sirens.</i>							
Replace outdated warning sirens with newer multi-directional sirens.		X	X			X	
Add additional sirens to reach a larger population.		X	X			X	
Maintenance and inspection program.		X	X				
Goal 3: Develop and implement mitigation measure that focus on building, modifying or retrofitting buildings and other structures to minimize the effects of natural hazards on them and their occupants.							
<i>Action 3.1: Flood control programs</i>							
Enhance flood prevention by improving flood control programs		X	X	X	X	X	X
Goal 4: Reduce the city of Willard's vulnerability to drought by 50% over the next year.							
<i>Action 4.1 Establish standards and policies to be implemented during local water shortage for local area residences and businesses.</i>							
Benchmark with other communities of comparable size to review adopted ordinances specific for laws and standards to be followed by residential, commercial, and public facilities in the event of a local water shortage.	X	X	X	X	X		X
Identify all residential and commercial structures within the city of Willard that receive water from a source other than the city water system.	X		X	X	X	X	X
<i>Action 4.2 Incorporate appropriate applications of Missouri Drought Response Plan to community planning.</i>							
Create a Willard Drought Response Plan	X	X	X	X	X	X	X
<i>Action 4.3 Raise public awareness of water conservative practices prior to and during droughts.</i>							
Promote an awareness campaign of the actions and measures that can be taken to increase local water conservation by all users of the local water supply.	X	X	X	X	X	X	X
Review past studies of the local water system and establish a plan to improve or replace the weaknesses of the local water system.	X	X	X		X	X	X

Municipalities	S	T	A	P	L	E	E
Mitigation Action Evaluation							
Carry out plan for local water system improvements.	X	X		X	X	X	X
Goal 5: Reduce the potential damage caused by an earthquake likely to strike the local area by 50%.							
<i>Action 5.1 Reduce the vulnerability of earthquake damage to existing structures.</i>							
Conduct a community earthquake risk assessment program.	X	X	X	X	X	X	X
Create a financial plan to retrofit improvement measures identified for all critical facilities in the community.	X	X	X	X	X	X	X
Encourage and assist in the retrofit improvement measures specific for earthquake damage for listed essential facilities.	X	X		X	X	X	
<i>Action 5.2 Increase public education of specific earthquake mitigation activities that can be done to residential and commercial facilities.</i>							
Promote an awareness campaign on earthquake hazards, their consequences and the steps that can be taken to reduce risk at home and the workplace.	X	X	X	X	X	X	X
Develop and apply a combination of incentives to encourage businesses, homeowners and others to implement risk reduction measures.	X	X		X			
<i>Action 5.3 Increase local businesses ability to expedite business resumption following an earthquake.</i>							
Encourage and assist in the retrofit improvement measures specific for earthquake damage for listed essential facilities.	X	X		X	X		
Encourage, and support where able, operation and infrastructure backup systems for commercial and industrial businesses.	X	X		X	X	X	
Establish a public outreach program for local businesses.	X	X	X	X	X	X	
Encourage local business owners employee incentives for personal preparedness in the event of an earthquake.	X	X	X	X	X	X	X
<i>Action 5.4 improve local response effort to a destructive earthquake.</i>							
Provide Community Emergency Response Team (CERT) training to Willard citizens, business owners and school personnel.	X	X	X	X	X	X	
Provide disaster survival kits for all local schools, non-profit d	X	X	X	X		X	
Goal 6: Reduce the city of Willard's vulnerability to extreme heat by 50% over the next year.							
Support annual campaign advertisement for Extreme Heat Aw	X	X	X	X	X	X	X
<i>Action 6.2 Reduce the vulnerability of population with increased risk to medical complications secondary to extreme heat.</i>							
Search and identify all local citizens that have an increased risk factor for medical complications.	X		X	X			
Create a volunteer program, ideally through CERT, that can assist in monitoring the vulnerable population identified.	X	X	X	X	X	X	
Goal 7: Reduce the potential damage caused by flooding likely to strike the local area by 50%.							

Municipalities	S	T	A	P	L	E	E
Mitigation Action Evaluation							
<i>Action 7.1 Reduce the vulnerability of flooding damage to existing private and public structures.</i>							
Conduct a city wide analysis of the sewer system, assessing for causes of sanitary sewer overflows caused during flooding events.	X			X		X	X
Create a financial and intervention plan for reducing risk for sanitary sewers overflowing during flooding events as recognized by sewer system analysis.	X	X	X	X	X	X	X
Promote environmentally-sound watershed and storm water practices to decrease flash flooding.	X	X				X	X
<i>Action 7.2 Increase floodplain management of future development.</i>							
Create a local taskforce for assessing and planning specific future land use for remaining underdeveloped flood zones within the city.		X	X			X	X
Strengthen floodplain management and regulations through additional education for floodplain manager and local city officials.		X			X	X	X
<i>Action 7.3 Increase public education for specific flooding mitigation activities that can be done.</i>							
Identify and use existing mechanisms to promote National Floodplain Insurance Program policies		X			X	X	X
Goal 8: Reduce the potential damage caused by sinkholes present within the city of Willard.							
<i>Action 8.1 Increase the knowledge of sinkholes present within the city of Willard.</i>							
Coordinate the completion of identifying additional sinkholes throughout the city of Willard and potential growth area.	X	X	X			X	X
<i>Action 8.2 Increase public education regarding sinkholes.</i>							
Promote an awareness campaign on sinkhole hazards, reporting sinkholes discovered on private property, and possible solutions for sinkholes on private property.	X	X	X	X	X	X	X
Goal 9: Reduce the city of Willard's vulnerability to tornadoes/severe thunderstorms by 50% over the next five years.							
<i>Action 9.1 Reduce the vulnerability of damage caused by tornadoes/severe thunderstorms to existing structures.</i>							
Conduct a community tornado risk assessment program.	X	X	X	X	X	X	X
Create a financial plan to retrofit improvement measures identified for all critical facilities in the community.	X		X	X		X	
Assist and guide in the retrofit improvement measures specific for tornado damage for listed essential facilities.		X	X	X		X	
Conduct a tree inventory of a high risk tree analysis along the city's right-of-way and both public parks	X	X	X	X		X	X
Carry out a tree maintenance plan for reducing the risk of damage from high risk trees as identified in the tree inventory.		X	X			X	X

Municipalities	S	T	A	P	L	E	E
Mitigation Action Evaluation							
<i>Action 9.2 Maintain and improve sufficient warning system as growth and development requires.</i>							
Identify future development areas in need of additional warning systems.	x	x	x	x	x		x
Acquire warning equipment for current areas identified outside the warning area and future development areas to be identified.	X	X	X	X	X	X	
Promote NOAA weather radios with annual city sponsored purchase program.	X		X	X	X	X	
<i>Action 9.3 Increase the availability of protective shelters for local residents both privately and publicly.</i>							
Create and carry out a plan to assist and establish storm shelters to be available at both mobile home parks within the city of Willard.		X		X	X	X	
<i>Action 9.4 Increase public education of specific tornado mitigation activities that can be done.</i>							
Promote an awareness campaign on tornado hazards, their consequences, and the steps that can be taken to reduce risk.	x	x	x	x	x	x	x
Develop and apply incentives to encourage businesses, homeowners and others to implement risk reduction measures.	X	X	X	X		X	X
<i>Action 9.5 Increase local businesses ability to expedite business resumption following a tornado.</i>							
Establish a public outreach program for local businesses.	X	X	X	X	X	X	X
<i>Action 9.6 Improve local response effort to a destructive tornado.</i>							
Install backup power, or the wiring for quick connection to portable generators, to all listed critical facilities.	X	X	X	X	X	X	
Install backup power, or the wiring for quick connection to portable generators, to both city wells and the four sewer lift stations.	X	X	X	X		X	X
Goal 10: Reduce the city of Willard's vulnerability to wildfires by 50% over the next five years.							
<i>Action 10.1 Reduce the potential rural/urban interface risk for wildfires.</i>							
Decrease wildfire risk in areas where development is adjacent to forests or grasslands by incorporating buffer zones.	X		X	X		X	X
<i>Action 10.2 Increase the public awareness of mitigation and prevention activities for wildfires.</i>							
Promote fire-resistant construction materials through articles and educational brochures.			X			X	X
Increase public awareness regarding private property landscaping maintenance that can reduce the risk of damage encountered by burning brush secondary to uncontrolled local brush fires.	X		X			X	X
<i>Action 10.3 Improve city-wide fire hydrant capabilities.</i>							

Municipalities	S	T	A	P	L	E	E
Mitigation Action Evaluation							
Create a planning taskforce for specific improvements of the water infrastructure within the City for increased fire-hydrant capabilities.	X	X	X	X	X	X	X
Goal 11: To reduce the city of Willard's vulnerability to severe winter storms by 50% over the next five years.							
<i>Action 11.1 Increase Public Works abilities for effective response efforts.</i>							
Establish an intradepartmental communications system for Willard Public Works.	X	X	X			X	
Improve the debris management capabilities for Public Works	X	X	X	X		X	
<i>Action 11.2 Increase the public awareness for mitigation and preparedness activities necessary for winter storms.</i>							
Promote an awareness campaign regarding safety measures and preparation actions for severe winter storms.			X	X	X		
Promote an awareness campaign regarding private property landscaping maintenance that can reduce the risk of damage encountered from falling limbs or trees secondary to severe winter weather.	X			X	X	X	X
<i>Action 11.3 Increase coordination and collaboration with outside utility companies including electric and phone companies serving the Willard area.</i>							
Create a planning taskforce and plan for specific improvements of utility infrastructure within the City to reduce risk for damage caused by severe weather.	X	X	X			X	X

Public School Districts	S	T	A	P	L	E	E
Mitigation Action Evaluation							
Ash Grove School District							
Action 1.1: Determine the feasibility of constructing a safe room on the Ash Grove School campus to provide cover for students and community members during natural disaster. Also, work with county, community and district personnel as well as architects and engineers to design and build a safe room that would meet the needs of the stakeholders.							
Work with an architect and an engineer to determine the feasibility of constructing a safe room.		X	X			X	
Determine funding sources and commit finances for designing and building the safe room.		X	X	X	X	X	
Communicate with county, community and district personnel to design, build and provide access to safe room for the most people possible.	X	X	X	X	X	X	
Fair Grove School District							
Goal 1: To protect the lives of the staff and student body of the Fair Grove R-X School District during thunderstorms, tornadoes and high wind events.							
<i>Action 1.1:</i> Provide a safe room for the staff and students, and assist in providing safe room for citizens of Fair Grove after school hours.							
Pursue the construction of an all concrete multipurpose facility for a safe room		X	X			X	
Pursue the construction a concrete multipurpose facility to comply with FEMA 361 standards		X	X			X	
Develop agreement plan with City of Fair Grove for use of the facility after school hours.		X	X	X	X	X	
Goal 2: Enhance coordination of emergency planning and technology operations between the Fair Grove R-X School District and local government, community groups, local emergency authorities, emergency management, students, faculty and citizens.							
<i>Action 2.1:</i> Pursue the addition of communication devices to improve communications and information sharing between emergency services, staff, and the citizens of Fair Grove during crisis.							
Purchase additional 800 MHz radios.		X	X			X	
Purchase additional portable UHF radios for communications between buildings.		X	X			X	
Install a generator to automatically assist in the continuation of current phone lines and computers for communication to community.		X	X			X	
Goal 3: Identify and pursue funding opportunities to develop and implement multi-agency mitigation activities							
<i>Action 3.1</i> Hold a table-top exercise/training with emergency services and the staff of Fair Grove R-X School District.							
Pursue funding (by way of grants) to fund the exercise		X	X	X	X	X	
Train staff on emergency response.		X	X				
Host training for citizens on emergency response.		X	X			X	
Train with local authorities on response to emergency situations		X	X	X	X	X	
Goal 4: Develop public and private partnerships to foster hazard mitigation program coordination and collaboration at the Fair Grove R-X School District.							

Public School Districts	S	T	A	P	L	E	E
Mitigation Action Evaluation							
<i>Action 4.1:</i> Rewrite hazard plans for the school district, and utilize community and staff for hazard mitigation in the school district.							
Develop a safety committee of school staff	X	X	X				
Develop a safety committee of local emergency services	X	X	X				
Develop a safety committee to include local community	X	X	X				
Goal 5: Continue with infrastructure improvements, retrofits, and additions to the Fair Grove R-X School Districts.							
<i>Action 5.1:</i> To remove electrical hazards over the school and in safe areas and also improve technology accessibility during power outages.							
Bury power lines to avoid electrical shock		X	X			X	X
Add a generator to run technology system for student access, phone communication		X	X			X	
Install a longer battery back up for technology for continued access		X	X			X	
Goal 6: Ensure continued operation of staff, government and emergency functions in a disaster.							
<i>Action 6.1:</i> Training for all staff with local emergency officials on evacuation, lockdown, fire, etc.							
Monthly drills with scenarios for staff development	X	X	X				
Work with local fire department on fire scenarios	X	X	X				
Work with local police department on lockdown procedures	X	X	X				
Goal 7: Develop and implement staff and student education and awareness programs along with activities that focus on the mitigation of natural and man-made hazards.							
<i>Action 7.1:</i> Train students, staff, and community about hazard awareness							
Monthly drills with scenarios for student development	X	X	X				
Informational center for access by students, staff and community about hazards	X	X	X				
Host community forum with information on hazards and hazard mitigation	X	X	X	X	X	X	
Goal 8: Deliver supplies to and from campus to refuge area along with clean and haul debris for recovery of a hazard.							
<i>Action 8.1:</i> Obtain a vehicle for the transport of supplies and debris and a tractor for debris cleanup and clearing.							
Purchase truck to haul and deliver supplies to refuge		X	X			X	
Purchase tractor with bucket for cleaning of walkways and clearing debris		X	X			X	
Purchase skid steer for clearing debris for recovery		X	X			X	
Logan Rogersville School District							
Goal 1: To protect the lives of the faculty, staff and students in the Logan-Rogersville R-8 School District during thunderstorms, tornados and high wind events.							
<i>Action 1.1:</i> Develop guidelines for the placement of a tornado shelter by the Southwest Education Center, located at 193 Marshall Street, Suite A, Rogersville, MO.							
Build/install a tornado shelter at or very near the Southwest Education Center that would provide emergency shelter for the faculty, staff and students at the Southwest Center.	X	X	X			X	
The shelter could also be used by local business located in the same strip building (Graceland Daycare Center, Rogersville Assembly of God Church and Smith Music Studio	X	X	X			X	
Goal 2: To establish an emergency shelter for local Rogersville, MO residents as well as staff, faculty and students of the Logan-Rogersville R-I School District							

Public School Districts Mitigation Action Evaluation	S	T	A	P	L	E	E
<i>Action 2.1:</i> Develop guidelines for the installation of backup emergency generators at selected Logan-Rogersville R-8 School Buildings							
Purchase/acquire and install backup emergency generators at Logan-Rogersville High School, Middle School, Upper Elementary School, Elementary School and Primary School		X	X			X	
Use the schools in an emergency to provide emergency sheltering for the Rogersville community as well as the faculty, staff and students of the Logan-Rogersville R-8 School District	X	X	X	X	X	X	
Goal 3: To enhance the coordination of emergency planning and technological operations for and between the Logan-Rogersville R-8 School District and the Springfield-Greene County Office of Emergency Management as well as local governments, emergency service providers, community groups, regional partners and citizens.							
<i>Action 3.1:</i> Develop technological systems and establish a system of communication and information sharing between the Logan-Rogersville R-8 School district and emergency service providers							
Purchase/acquire 800 MHz radios that could be used by delegated members of the Logan-Rogersville R-8 School District in an emergency		X	X			X	
Establish direct communication with emergency service providers and/or local emergency management offices or personnel or the Greene County 911 communications center.		X	X		X	X	
Goal 4: to provide improved security to protect the lives of the faculty, staff and students of the Logan-Rogersville R-8 School District during emergency situations.							
<i>Action 4.1:</i> Research new security software computer programs that would allow additional cameras and upgrades to be done to the existing security system for the Logan-Rogersville R-8 School District. Explore the possibilities of adding additional School Police Resource Officers and Nurses to the staff of the District. Explore the possibility of adding electronic locking devices to the High School, Middle School, Upper Elementary School, Elementary School and Primary School.							
Purchase/acquire a new computer software program to upgrade the security system for the Logan-Rogersville R-8 School District		X	X			X	
Add a School Resource Officer to the Middle School		X	X			X	
Add an additional nurse at the Middle School and the High School		X	X			X	
Purchase/acquire an electronic locking system that would allow the immediate locking of exterior and interior doors in an emergency situation at all school buildings housing staff, faculty and students.		X	X			X	
Republic School District							
Goal 1: To promote emergency response and safety around the Republic Schools by reducing traffic congestion before and after school.							
<i>Action 1.1:</i> Promote an effective flow of traffic on Anderson and Hampton streets and develop a plan to improve East Anderson from Main to Hampton with additional width to provide parking along the street, allowing continuous traffic flow.							
Continue and expand communication between Republic School System and the City of Republic regarding traffic flow	X	X	X			X	
Continue to attempt traffic control to maintain a flow past E1 and E2	X	X	X			X	

Public School Districts Mitigation Action Evaluation	S	T	A	P	L	E	E
Develop a traffic plan to include the improvement of Anderson and Hampton streets	X	X	X	X	X	X	
Develop a coalition to pursue funding mechanisms to provide for the widening of Anderson Street from Main to Hampton		X	X				
Springfield School District							
Goal 1: to protect the students and staff of the Springfield Public School District during thunderstorms, tornados and high wind events.							
<i>Action 1.1:</i> Provide a safe room for all staff and students of Jeffries Elementary, Westport Elementary and Central High School in the Springfield School District.							
Pursue a grant for the construction of a safe room		X	X	X	X	X	
Build the safe room	X	X	X	X	X	X	
Goal 2: Enhance emergency communications within the Springfield Public Schools							
<i>Action 2.1:</i> Pursue the addition of communication devices to improve communications and information sharing between emergency services, staff, and the citizens of Springfield during crisis.							
Purchase needed communications equipment to aid in communications during emergencies		X	X			X	
Strafford School District							
Goal 1: to protect the students and staff of the Strafford R-6 Public School District during thunderstorms, tornados and high wind events.							
<i>Action 1.1:</i> Provide a safe room for all staff and students of the Strafford School District and assist in providing a safe area for citizens of Strafford.							
Pursue a grant for the construction safe room	X	X	X	X	X	X	
Pursue construction of the safe room		X	X			X	
Develop an agreement with the City of Strafford pertaining to the rules and regulations for the safe room (manning the facility, supplies, etc...)		X	X	X	X	X	
Goal 2: Enhance coordination of emergency planning and technology operations between the Strafford R-6 Public Schools and local government, community groups, students, faculty, citizens and emergency authorities.							
<i>Action 2.1:</i> Upgrade communications of the Strafford School District and also between the Strafford School District and Emergency Services.							
Pursue a grant to purchase additional 800 MHz radios for administration for better communications		X	X			X	
Pursue a grant to upgrade existing handheld radios for more communication distance		X	X			X	
Pursue a grant to upgrade the phone back-up system for long lasting communication by phone and once electric goes out		X	X			X	
Goal 3: Identify and Pursue Funding opportunities to develop and implement multi-agency mitigation activities.							
<i>Action 3.1</i>							
Pursue funding to train the Strafford R-6 School District staff with emergency services on natural and man-made disasters		X	X			X	
Pursue funding to host mitigation training for staff, students and citizens of Strafford for better preparedness for disasters		X	X			X	

Public School Districts Mitigation Action Evaluation	S	T	A	P	L	E	E
Pursue funding for continuous training for staff for better preparedness related to disasters		X	X			X	
Goal 4: To provide better and proper emergency services and supplies to and from campus to refuge areas. (Off campus evacuation areas, storm shelter, etc...)							
<i>Action 4.1:</i> Provide proper emergency services to different areas by means of a vehicle.							
Pursue funding to purchase a patrol vehicle for the School Resource Officer to get to and from a refuge area.		X	X			X	
Pursue funding to properly equip an emergency vehicle (lights, siren, etc...)		X	X			X	
Pursue funding to properly equip emergency vehicle with communications (800MHz radio, laptop mount, laptop, etc...)		X	X			X	
Walnut Grove School District							
Goal 1: To offer a place of refuge during natural disaster, including but not limited to: tornado, ice storm, floods, etc. for the city of Walnut Grove, Missouri and outlying towns such as Eudora, Dadeville, Aldrich, Phenix, and other rural communities.							
<i>Action 1.1:</i> Develop a facility to house individuals that would provide electric, HVAC, water and residence until which time all outlined have been restored to their homes.							
Install a generator to power the Walnut Grove Public School facilities to be used during natural disasters.		X	X			X	
Build a tornado-safe room that can be used by the aforementioned areas during tornados and high wind events.	X	X	X	X	X	X	
Willard School District							
Goal 1: Protect the lives of Willard R-II School Students, Staff and Visitors.							
<i>Action 1.1:</i> The Willard R-II Schools will annually update the emergency information and action steps in the Crisis Response manual for each building.							
Each Fall updated information will be entered into Crisis Manuals.		X	X				
During the first week of school, teachers and staff will introduce emergency action plans to students.		X	X				
<i>Action 1.2:</i> The students and staff will practice emergency drills and action responses to emergencies.							
During the first week of school, teachers and staff will practice emergency drills with students.	X	X	X				
Goal 2: Enhance coordination of emergency planning, communication and emergency services with the implementation of crisis action plans, operations and practice.							
<i>Action 2.1:</i> Each building principal will review the emergency action plans and implementation of drills within the building. Appropriate safe locations, number of students and displacement time will be considered. The building principals will also activate and practice emergency drills for fire, storm/tornado, evacuation and intruder.							
Practice drills will be completed at each building in a safe and orderly manner. Action steps and locations are posted in each classroom.	X	X	X				
Written documentation with date, time, student counts and evaluation notes for each practice drill will be kept by the building principal.		X	X		X		

Public School Districts Mitigation Action Evaluation	S	T	A	P	L	E	E
Each principal will evaluate and revise practice drills as necessary to provide safety and best practice to students, staff and visitors.		X	X				
Goal 3: Identify and pursue funding opportunities to develop and implement multi-jurisdictional mitigation activities.							
<i>Action 3.1:</i> The Willard School District will participate in school, community and area mitigation activities and will apply for funding with grants, school appropriations and donations.							
The Willard School District will communicate and inform students, parents and patrons of informational mitigation activities.	X	X	X				
The Willard School District will provide a venue for activities and fundraising events.	X	X	X			X	
The Willard School District will accept donations for mitigation activities to offset the cost.	X	X	X		X	X	
Goal 4: Develop a Willard R-II school and community partnership to foster hazard mitigation program coordination and collaboration in Greene County							
<i>Action 4.1:</i> The Willard School District will continue representation for coordination and collaboration of Greene County mitigation programs and will provide resources and venue for coordination and collaboration of Greene County mitigation activities.							
The Willard School District will be represented by the Assistant Superintendent		X	X				
The Willard School District will coordinate and host mitigation programs in the area	X	X	X	X			
The Willard School District resources may be used during a mitigation emergency.		X	X				
Goal 5: Enhance and strengthen the actions of the Willard R-II School District in emergency service preparedness and response with hazard mitigation programs.							
<i>Action 5.1:</i> The Willard School Administration will discuss and collaborate on the strengths and weaknesses of the individual emergency action plans and will modify and adjust emergency actions in accordance to building specifications and occupancy at the time of emergency.							
Time will be devoted during the administrators' monthly meeting to enhance, strengthen and address concerns of emergency response action.		X	X				
Crisis plans will identify floor plan, shelter areas, personnel resources and action steps for each building.		X	X				
The Building principal will instruct staff on preparedness and response to mitigation programs.		X	X				
Goal 6: Identify and qualify Willard R-II School operations and emergency functions in a disaster.							
<i>Action 6.1:</i> Each building will identify, practice and document emergency drills which will relate to actual emergency situations and will maintain accurate plans, actions and responsibilities of individuals during an emergency as outlined in the crisis manual.							
Practice drills will be completed at each building in a safe and orderly manner	X	X	X				
Written documentation with date, time, student counts and evaluation notes for each practice drill		X	X		X		
Assigned tasks will be implemented by school staff in the event of an emergency		X	X				

Public School Districts Mitigation Action Evaluation	S	T	A	P	L	E	E
Goal 7: Develop and implement student and staff education awareness programs focused on the mitigation of natural and man-made hazards.							
<i>Action 7.1:</i> Annual education and awareness programs are presented to students and staff at the beginning of each school year related to natural and man-made hazards in the area.							
Resources and information will be provided to teachers during faculty meetings		X	X				
Resources and information will be provided to students in relationship to science curriculum		X	X				
The Willard School District may host community forums to provide education for natural and man-made hazards for patrons.	X	X	X	X	X	X	
Goal 8: Develop and implement mitigation measures that focus on school buildings and other structures to minimize the effects of natural hazards to occupants.							
<i>Action 8.1:</i> The Willard School District will ensure that school structures are designed and built as required by the engineer and architect to provide safety to occupants and will identify primary and secondary locations in the event of an emergency.							
The Willard School District will review structural drawings and plans to limit the effects of natural hazard to occupants		X	X	X	X	X	
The Willard School District will identify in the Crisis Plan a primary and secondary location for emergency response	X	X	X		X	X	
The Willard School District will identify a primary and secondary shelter location for occupants of outdoor school facilities	X	X	X		X	X	
<i>Action 8.2:</i> The Willard School District will seek to construct safe rooms for tornados and other hazards, in new and existing building construction.							
The Willard School District will identify sites to retrofit current buildings or build new buildings to contain safe rooms.	X	X	X		X	X	
Goal 9: Strive to protect the environment and ecosystems, with respect to disaster conditions typical of Southwest Missouri.							
<i>Action 9.1:</i> The Willard School District will take an active role in the education of students and staff for the protection of environment and ecosystems and develop a listing of emergency and disaster conditions within the local areas for information awareness.							
The Willard School District will review the Science curriculum for the understanding of environment and ecosystems	X	X	X				
The Willard School District will identify resources which could provide a positive affect in a disaster		X	X				
The Willard School District will identify potential concerns for the environment and ecosystems in a disaster			X	X	X	X	X

Fire Protection Districts Mitigation Action Evaluation	S	T	A	P	L	E	E
Ash Grove Fire Protection District							
Goal 1: Building of new fire station to keep up with the current needs of the community and responders. Incorporate community storm Safe Room into fire station.							
<i>Action 1.1:</i> Build a multi-use facility for fire department and community to be used in emergency situations. Also, to give responders a safe and functional station to train in and respond out of.							
Actively seek grants and other funding sources to assist with the goal		X	X		X	X	
Build a facility to be used as a storm Safe Room and fire department	X	X	X	X	X	X	
Goal 2: Update and replace outdated, unsafe apparatus and tools.							
<i>Action 2.1:</i> Purchase new or quality used apparatus and tools needed for safe mitigation of emergencies.							
Actively seek grants and other funding sources to assist with goals		X	X		X	X	
Purchase needed equipment		X				X	
Goal 3: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.							
<i>Action 3.1:</i> Expand the use of dry hydrants and the identification and inventory of alternative firefighting water sources in applicable rural and urban settings.							
Educate private property owners in the benefits of dry hydrant placement	X	X	X				X
Promote the Missouri Dry Hydrant Tax Credit Program	X			X	X		
Expand the inventory of identified water sources for firefighting		X	X				X
Bois D'Arc Fire Protection District							
Goal 1: To protect the lives of residents that live within our protection district during thunderstorms, high winds and tornados.							
<i>Action 1.1:</i> To provide a multi-use building to house a storm Safe Room and fire station as we have outgrown our current station #1.							
Construct a multi-use building to act as a fire station and a safe room for community members	X	X	X	X	X	X	
Goal 2: To protect the lives and property of residents within our protection district during fire and medical calls.							
<i>Action 2.1:</i> Update our fleet of aging apparatus and maintain a higher level of training for fire/medical personnel. Update software and obtain internet capabilities.							
Purchase newer water tankers, rescue/medical vehicle.		X	X	X		X	
Fund training for personnel.		X	X			X	
Purchase internet capabilities (i.e. air card) and software.		X	X			X	
Goal 3: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs							
<i>Action 3.1:</i> Expand the use of dry hydrants and the identification and inventory of alternative firefighting water sources in applicable rural and urban settings.							
Educate private property owners in the benefits of dry hydrant placement	X	X	X				X

Fire Protection Districts Mitigation Action Evaluation	S	T	A	P	L	E	E
Promote the Missouri Dry Hydrant Tax Credit Program	X			X	X		
Expand the inventory of identified water sources for firefighting		X	X				X
Ebenezer Fire Protection District							
Goal 1: Protect citizens and firefighters during thunderstorms and tornados.							
<i>Action 1.1:</i> Provide a safe place for citizens to go during severe storms and tornados.							
Build a storm proof station complete with a storm Safe Room creating an area where people can go to seek refuge from storms. No such Safe Room is currently available in the area. Would enhance safety and response capabilities.	X	X	X	X	X	X	
Goal 2: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.							
<i>Action 2.1:</i> Expand the use of dry hydrants and the identification and inventory of alternative firefighting water sources in applicable rural and urban settings.							
Educate private property owners in the benefits of dry hydrant placement	X	X	X				X
Promote the Missouri Dry Hydrant Tax Credit Program	X			X	X		
Expand the inventory of identified water sources for firefighting		X	X				X
Fair Grove Fire Protection District							
Goal 1: Protect school, students, and citizens of Fair Grove and northern Greene County.							
<i>Action 1.1:</i> Build safe rooms for use by Fair Grove School staff and students and citizens.							
Build safe rooms.	X	X	X	X	X	X	
Goal 2: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.							
<i>Action 2.1:</i> Expand the use of dry hydrants and the identification and inventory of alternative firefighting water sources in							
Educate private property owners in the benefits of dry hydrant placement	X	X	X				X
Promote the Missouri Dry Hydrant Tax Credit Program	X			X	X		
Expand the inventory of identified water sources for firefighting		X	X				X
Logan-Rogersville Fire Protection District							
Goal 1: To protect the lives of Greene County residents and citizens during thunderstorms, tornados, and high winds.							
<i>Action 1.1:</i> Develop guidelines for placement of warning devices in the western portion of the LRFDPD.							
Install 10 new warning sirens in the western portion of the fire district.	X	X	X	X	X	X	
Goal 2: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.							

Fire Protection Districts Mitigation Action Evaluation	S	T	A	P	L	E	E
<i>Action 2.1:</i> Expand the use of dry hydrants and the identification and inventory of alternative firefighting water sources in applicable rural and urban settings.							
Educate private property owners in the benefits of dry hydrant placement	X	X	X				X
Promote the Missouri Dry Hydrant Tax Credit Program	X			X	X		
Expand the inventory of identified water sources for firefighting		X	X				X
Pleasant View Fire Protection District							
Goal 1: Better serve the residents of our district by providing uninterrupted service.							
<i>Action 1.1:</i> Providing regular uninterrupted service to the district during times when the station is without electric service due to natural or any disaster.							
Install self-starting propane-powered generator capable of running the entire station in the event of power outages.		X	X			X	
Goal 2: Having the capability to respond from a station that would withstand wind damage, protecting our equipment and personnel.							
<i>Action 2.1:</i> Hardening our existing station to ensure response during a disaster							
Harden and shore up our existing station protecting our trucks, equipment and personnel to ensure we would be able to respond to any and all emergencies during a disaster.		X	X			X	
Goal 3: Protect citizens and firefighters during thunderstorms and tornados.							
<i>Action 3.1:</i> Provide a safe place for citizens to go during severe storms and tornados.							
Build a storm proof station complete with a storm Safe Room creating an area where people can go to seek refuge from storms. No such Safe Room is currently available in the area. Would enhance safety and response capabilities.	X	X	X	X	X	X	
Goal 4: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.							
<i>Action 4.1:</i> Expand the use of dry hydrants and the identification and inventory of alternative firefighting water sources in applicable rural and urban settings.							
Educate private property owners in the benefits of dry hydrant placement	X	X	X				X
Promote the Missouri Dry Hydrant Tax Credit Program	X			X	X		
Expand the inventory of identified water sources for firefighting		X	X				X
Strafford Fire Protection District							
Goal 1: To protect the lives of Strafford Fire District residents and citizens by enhancing radio communications in the event of a natural or man-made disaster.							
<i>Action 1.1:</i> Increase radio communication capabilities with our bordering fire departments using VHF radio systems with fire departments using trunked radio systems.							
Purchase and distribute VHF radios to install in all vehicles and issue to responding firefighters and other agencies within our jurisdiction during times of need		X	X			X	

Fire Protection Districts Mitigation Action Evaluation	S	T	A	P	L	E	E
Enhancing triple redundancy for notification and communications in the event of a natural or man-made disaster		X	X			X	
Purchase and distribute Trunked radios to install in all vehicles and issue to responding firefighters and other agencies within our jurisdiction during times of need		X	X			X	
Goal 2: To protect the lives of Strafford Fire District residents and citizens and to maintain the capabilities of life safety and property conservation during times of natural and manmade disasters.							
<i>Action 2.1:</i> Provide uninterrupted electrical operations of fire stations within the fire district promoting all aspects of performance of duties for Strafford and all assisting agencies and provide temporary Safe Room for citizens in need.							
Install automatic propane generators at each of the fire stations in the Strafford Fire District		X	X			X	
Develop and maintain a maintenance program for the generators to prolong operational life		X	X			X	
Maintain an action plan in the event of a disaster that considers citizens in need of safe room, water and food	X	X	X	X	X	X	
Goal 3: To protect the lives of Strafford Fire District residents and citizens during times of thunderstorm, tornado, and high wind events incorporating all 67 square miles.							
<i>Action 3.1:</i> Develop guidelines for the placement of functional tornado Safe Rooms within the rural areas of the Strafford Fire District and also within the City of Strafford.							
Identify/Obtain Safe Rooms for the rural areas of the Strafford Fire District	X	X	X	X	X	X	
Identify/Obtain Safe Rooms within the City of Strafford	X	X	X	X	X		
Identify/Obtain Safe Rooms for the area of the Strafford Fire District that is within Webster County	X	X	X	X	X		
Goal 4: To protect the lives of Strafford Fire district residents and citizens by providing the capabilities of monitoring media releases during times of disaster to better inform the citizens of the district with accurate information as provided.							
<i>Action 4.1:</i> Enable monitoring of local media news, weather and emergency instructions by trained personnel during times							
Develop and implement a system for the placement and maintenance of televisions and radios	X	X	X			X	
Obtain digital televisions and weather alert radios to be distributed throughout the safe room and fire facilities.	X	X	X			X	
Goal 5: To protect the lives of Strafford Fire District residents and citizens by providing for increased safety of the firefighters when responding to emergency requests.							
<i>Action 5.1:</i> Develop and maintain a scheduled rotation, maintenance, and practical use of fire service engines purchased and used by the Strafford Fire Department. Also, increase the safety of the passengers by monitoring and implementing current safety standards for fire service apparatus.							
Replace the front line engine by application for grant to assist with the purchase of a new one.		X	X			X	
Develop alternate means of funding newer front line engine encompassing newer safety features.		X	X	X		X	
Replace each of the engines utilized by the fire department according to rotation basis developed (e.g. 15-year-old apparatus must be replaced or retired).		X	X	X	X	X	
Goal 6: To protect the lives of Strafford Fire District residents and citizens by providing for increased compliance with the National Incident Management System in the event of a natural or manmade disaster whereas additional agencies respond to assist.							

Fire Protection Districts	S	T	A	P	L	E	E
Mitigation Action Evaluation							
<i>Action 6.1:</i> Facilitate the flow of communications between assisting agencies and the structured workforce mitigating the disaster, and be able to provide for the needed copies of paperwork relating to structured activities and compliance of assigned duties during a disaster.							
Develop and implement a system for maintaining the copy machines and their distribution throughout the district facilities.		X	X				
Obtain an additional four copy machines to be dispersed to the department's facilities by grant or private funding.		X	X			X	
Obtain and manage sufficient supplies for each machine (e.g. paper and ink).		X	X			X	
Goal 7: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.							
<i>Action 7.1:</i> Expand the use of dry hydrants and the identification and inventory of alternative firefighting water sources in applicable rural and urban settings.							
Educate private property owners in the benefits of dry hydrant placement	X	X	X				X
Promote the Missouri Dry Hydrant Tax Credit Program	X			X	X		
Expand the inventory of identified water sources for firefighting		X	X				X
Willard Fire Protection District							
Goal 1: To provide a more modern and useful facility for classroom instruction and administrative office space for the district.							
<i>Action 1.1:</i> Build Acquire a facility suitable for classroom and offices, and organize facility for modern classroom and office use for the administration of the district.							
Purchase the Meadows Water District building		X	X	X	X	X	
Remodel building to include classroom, secure office, bunkrooms, kitchen, and two bays for apparatus.		X	X	X	X	X	
Involve members and partners of the district in all phases of completion.	X	X	X	X	X	X	
Goal 2: Acquire full-time staffing for the district.							
<i>Action 2.1:</i> To better serve the patrons of the district with quicker response time for emergency calls, and to maintain better district resources.							
Research funding options for the district.		X	X			X	
Determine staffing ratios and locations.		X	X				
Establish personnel guidelines for full-time staff		X	X				
Goal 3: Acquire new station facilities to replace Station 1.							
<i>Action 3.1:</i> Provide a more modern and spacious facility to house district resources and personnel; a safer environment for the district staff to better serve the community from.							
Research funding options along with available grants.		X	X			X	
Locate a suitable and proper location for the facility.		X	X	X	X	X	
Equip the facility with modern safety features and conveniences to more professionally serve the district.		X	X			X	
Goal 4: Upgrade the personal protective equipment.							
<i>Action 4.1:</i> To better ensure the safety of our personnel on emergency scenes, and to maintain a constant focus on the health and safety of both the personnel and patrons we serve.							

Fire Protection Districts Mitigation Action Evaluation	S	T	A	P	L	E	E
Constantly inventory and assess the condition and suitability of the district's PPE.		X	X			X	
Research and stay informed of any and all forms of technological advances in PPE gear.		X	X				
Acquire and maintain only the best and proven forms of protective equipment.		X	X			X	
Goal 5: Enhance and strengthen emergency services preparedness and response by linking emergency services with hazard mitigation programs.							
<i>Action 5.1:</i> Expand the use of dry hydrants and the identification and inventory of alternative firefighting water sources in applicable rural and urban settings.							
Educate private property owners in the benefits of dry hydrant placement	X	X	X				X
Promote the Missouri Dry Hydrant Tax Credit Program	X			X	X		
Expand the inventory of identified water sources for firefighting		X	X				X

**Higher Education Facilities
Mitigation Action Evaluation**

S T A P L E E

Missouri State University

Goal 1: To provide a safe and secure campus community

Action 1.1: Identify locations for expansion of the campus alert system, and develop priorities for academic buildings,

Install alert systems in all buildings within the current campus area		X	X			X	
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Identify funding for the project		X	X			X	
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Goal 2: Continue to conduct scenario training with emergency response teams, i.e. fire, law enforcement and EMS for various events such as fire, weapons and active shooter.

Action 2.1: Continue to revise and update Emergency Response Plan (ERP) and integrate our ERP with other responding agencies.

Expand our 800 MHz, public safety communication system.		X	X			X	
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Identify funding for the project		X	X			X	
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Ozark Technical Community College

Goal 1: To protect the lives of OTC employees, students and people living and working in the center city area during severe storms, tornados and high wind events.

Action 1.1: To build a community safe room on the OTC main campus.

Build a community safe room.	X	X	X	X	X	X	
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Open storm shelter to the public during severe storm watches prior to storm warnings being issued.	X	X	X				
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Create procedures to ensure the community storm shelter is open when needed to protect life.	X	X	X		X		
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